WESTFIELD WASHINGTON SCHOOLS

BID DOCUMENTS

17707 CENTENNIAL RD, WESTFIELD, IN 46074

BID DOCUMENTS

AUGUST 09, 2024



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WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.

On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
AUGUST 09, 2024

2023061

EARLY SITE PACKAGE FOR REFERENCE PREVIOUSLY BID

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PROJECT:
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A001

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M201H	GROUND FLOOR PLAN - UNIT H - AIR DISTRIBUTION
M202A	SECOND FLOOR PLAN - UNIT A - AIR DISTRIBUTION
M202B	SECOND FLOOR PLAN - UNIT B - AIR DISTRIBUTION
M202C	SECOND FLOOR PLAN - UNIT C - AIR DISTRIBUTION
M202D	SECOND FLOOR PLAN - UNIT D - AIR DISTRIBUTION
M202F	SECOND FLOOR PLAN - UNIT F - AIR DISTRIBUTION
M202G	SECOND FLOOR PLAN - UNIT G - AIR DISTRIBUTION
M211A	GROUND FLOOR PLAN - UNIT A - HYDRONICS
M211B	GROUND FLOOR PLAN - UNIT B - HYDRONICS
M211C	GROUND FLOOR PLAN - UNIT C - HYDRONICS
M211D	GROUND FLOOR PLAN - UNIT D - HYDRONICS
M211E	GROUND FLOOR PLAN - UNIT E - HYDRONICS
M211F	GROUND FLOOR PLAN - UNIT F - HYDRONICS
M211G	GROUND FLOOR PLAN - UNIT G - HYDRONICS
M211H	GROUND FLOOR PLAN - UNIT H - HYDRONICS
M212A	SECOND FLOOR PLAN - UNIT A - HYDRONICS
M212B	SECOND FLOOR PLAN - UNIT B - HYDRONICS
M212C	SECOND FLOOR PLAN - UNIT C - HYDRONICS
M212D	SECOND FLOOR PLAN - UNIT D - HYDRONICS
M212G	SECOND FLOOR PLAN - UNIT G - HYDRONICS
M220	ROOF PLAN OVERALL - MECHANICAL
M301	UNIT F - ENLARGED MECHANICAL ROOM F113 - MECHANICAL
M302	UNIT A - ENLARGED MECHANICAL ROOM A227 - MECHANICAL
M303	UNIT B - ENLARGED MECHANICAL MEZZANINE - MECHANICAL
M304	UNIT C - ENLARGED MECHANICAL MEZZANINE - MECHANICAL
M305	UNIT A - ENLARGED MECHANICAL ROOMS - MECHANICAL
M306	UNIT B - ENLARGED MECHANICAL ROOMS - MECHANICAL
M307	UNIT C - ENLARGED MECHANICAL ROOMS - MECHANICAL
M308	UNIT E - ENLARGED MECHANICAL ROOMS - MECHANICAL
M309	UNIT F - ENLARGED MECHANICAL ROOMS - MECHANICAL
M310	UNIT G - ENLARGED MECHANICAL ROOMS - MECHANICAL
M311	UNIT H - ENLARGED MECHANICAL ROOMS - MECHANICAL
M401	DETAILS - AIR DISTRIBUTION
M402	DETAILS - AIR DISTRIBUTION
M411	DETAILS - HYDRONICS
M412	DETAILS - VALVE VAULTS
M413	DETAILS - WELL FIELD
M415	ERV PROFILES - MECHANICAL
M501	SCHEMATICS - ERV-A - AIR DISTRIBUTION
M502	SCHEMATICS - ERV-B - AIR DISTRIBUTION
M503	SCHEMATICS - ERV-C - AIR DISTRIBUTION
M504	SCHEMATICS - ERV-E - AIR DISTRIBUTION
M506	SCHEMATICS - ERV-F - AIR DISTRIBUTION
M507	SCHEMATICS - ERV-G - AIR DISTRIBUTION

ELECTRICAL SHEET LIST

E001	SYMBOLS, ABBREVIATIONS & GENERAL NOTES - ELECTRICAL
E100	SITE PLAN - ELECTRICAL
E101	SITE PLAN - BASEBALL ELECTRICAL
E102	SITE PLAN SOFTBALL - ELECTRICAL
E103	SITE PLAN - FOOTBALL - ELECTRICAL
E104	SITE PLAN - TENNIS - ELECTRICAL
E201A	GROUND FLOOR PLAN - UNIT A - LIGHTING
E201B	GROUND FLOOR PLAN - UNIT B - LIGHTING
E201C	GROUND FLOOR PLAN - UNIT C - LIGHTING
E201D	GROUND FLOOR PLAN - UNIT D - LIGHTING
E201E	GROUND FLOOR PLAN - UNIT E - LIGHTING
E201F	GROUND FLOOR PLAN - UNIT F - LIGHTING
E201G	GROUND FLOOR PLAN - UNIT G - LIGHTING
E201H	GROUND FLOOR PLAN - UNIT H - LIGHTING
E202A	SECOND FLOOR PLAN - UNIT A - LIGHTING
E202B	SECOND FLOOR PLAN - UNIT B - LIGHTING
E202C	SECOND FLOOR PLAN - UNIT C - LIGHTING
E202D	SECOND FLOOR PLAN - UNIT D - LIGHTING
E202F	SECOND FLOOR PLAN - UNIT F - LIGHTING
E202G	SECOND FLOOR PLAN - UNIT G - LIGHTING
E211A	GROUND FLOOR PLAN - UNIT A - POWER
E211B	GROUND FLOOR PLAN - UNIT B - POWER
E211C	GROUND FLOOR PLAN - UNIT C - POWER
E211D	GROUND FLOOR PLAN - UNIT D - POWER
E211E	GROUND FLOOR PLAN - UNIT E - POWER
E211F	GROUND FLOOR PLAN - UNIT F - POWER
E211G	GROUND FLOOR PLAN - UNIT G - POWER
E211H	GROUND FLOOR PLAN - UNIT H - POWER
E212A	SECOND FLOOR PLAN - UNIT A - POWER
E212B	SECOND FLOOR PLAN - UNIT B - POWER
E212C	SECOND FLOOR PLAN - UNIT C - POWER
E212D	SECOND FLOOR PLAN - UNIT D - POWER
E212F	SECOND FLOOR PLAN - UNIT F - POWER
E212G	SECOND FLOOR PLAN - UNIT G - POWER
E213D	CLEAR STORY LEVEL - UNIT D - POWER
E220	ROOF PLAN - ELECTRICAL
E231A	GROUND FLOOR PLAN - UNIT A - FIRE ALARM
E231B	GROUND FLOOR PLAN - UNIT B - FIRE ALARM
E231C	GROUND FLOOR PLAN - UNIT C - FIRE ALARM
E231D	GROUND FLOOR PLAN - UNIT D - FIRE ALARM
E231E	GROUND FLOOR PLAN - UNIT E - FIRE ALARM
E231F	GROUND FLOOR PLAN - UNIT F - FIRE ALARM
E231G	GROUND FLOOR PLAN - UNIT G - FIRE ALARM
E231H	GROUND FLOOR PLAN - UNIT H - FIRE ALARM
E232A	SECOND FLOOR PLAN - UNIT A - FIRE ALARM
E232B	SECOND FLOOR PLAN - UNIT B - FIRE ALARM
E232C	SECOND FLOOR PLAN - UNIT C - FIRE ALARM

ELECTRICAL SHEET LIST

E232D	SECOND FLOOR PLAN - UNIT D - FIRE ALARM
E232F	SECOND FLOOR PLAN - UNIT F - FIRE ALARM
E232G	SECOND FLOOR PLAN - UNIT G - FIRE ALARM
E301	UNIT F - ENLARGED MECHANICAL ROOM F113 - POWER
E302	UNIT A - ENLARGED MECHANICAL ROOM A227 - POWER
E303	UNIT B - ENLARGED MECHANICAL MEZZANINE - ELECTRICAL
E304	UNIT C - ENLARGED MECHANICAL MEZZANINE - ELECTRICAL
E305	UNIT A - ENLARGED MECHANICAL ROOMS - POWER
E306	UNIT B - ENLARGED MECHANICAL ROOMS - POWER
E307	UNIT C - UNIT C - ENLARGED MECHANICAL ROOMS - POWER
E308	UNIT E - ENLARGED MECHANICAL ROOMS - POWER
E309	UNIT F - ENLARGED MECHANICAL ROOMS - POWER
E310	UNIT G - ENLARGED MECHANICAL ROOMS - POWER
E311	UNIT H - ENLARGED MECHANICAL ROOMS - POWER
E312	UNIT D - ENLARGED MEZZANINE SOUTH WALL
E313	UNIT F - ENLARGED DRESSING ROOM ELEVATION
E361	ENLARGED KITCHEN PLAN - ELECTRICAL
E362	KITCHEN - SCHEDULES
E401	DETAILS - GROUNDING
E402	DETAILS - LIGHTING
E403	DETAILS - ELECTRICAL
E404	DETAILS - ELECTRICAL
E501	SINGLE LINE DIAGRAM - MSB-L - ELECTRICAL
E502	SINGLE LINE DIAGRAM - MSB-P - ELECTRICAL
E601	SCHEDULES - LIGHTING
E611	SCHEDULES - PANELBOARDS - MAIN, SITE
E612	SCHEDULES - PANELBOARDS - UNIT A
E613	SCHEDULES - PANELBOARDS - UNIT B
E614	SCHEDULES - PANELBOARDS - UNIT C
E615	SCHEDULES - PANELBOARDS - UNIT D
E616	SCHEDULES - PANELBOARDS - UNIT E
E617	SCHEDULES - PANELBOARDS - UNIT F
E618	SCHEDULES - PANELBOARDS - UNIT G
E619	SCHEDULES - PANELBOARDS - UNIT H
E620	SCHEDULES - PANELBOARDS - KITCHEN
E621	SCHEDULES - PANLEBOARDS - SPORTSFIELDS

TECHNOLOGY SHEET LIST

T001	TELECOM SITE PLAN
T002	SECURITY SITE PLAN
T101	GROUND FLOOR OVERALL DISTRIBUTION PLAN
T101A	GROUND FLOOR DISTRIBUTION PLAN - UNIT A
T101B	GROUND FLOOR DISTRIBUTION PLAN - UNIT B
T101C	GROUND FLOOR DISTRIBUTION PLAN - UNIT C
T101D	GROUND FLOOR DISTRIBUTION PLAN - UNIT D
T101E	GROUND FLOOR DISTRIBUTION PLAN - UNIT E
T101F	GROUND FLOOR DISTRIBUTION PLAN - UNIT F
T101G	GROUND FLOOR DISTRIBUTION PLAN - UNIT G
T101H	GROUND FLOOR DISTRIBUTION PLAN - UNIT H
T102	SECOND FLOOR OVERALL DISTRIBUTION PLAN
T102A	SECOND FLOOR DISTRIBUTION PLAN - UNIT A
T102B	SECOND FLOOR DISTRIBUTION PLAN - UNIT B
T102C	SECOND FLOOR DISTRIBUTION PLAN - UNIT C
T102D	SECOND FLOOR DISTRIBUTION PLAN - UNIT D
T102F	SECOND FLOOR DISTRIBUTION PLAN - UNIT F
T102G	SECOND FLOOR DISTRIBUTION PLAN - UNIT G
T200	PRESS BOX TECHNOLOGY PLANS
T201A	GROUND FLOOR TECHNOLOGY PLAN - UNIT A
T201B	GROUND FLOOR TECHNOLOGY PLAN - UNIT B
T201C	GROUND FLOOR TECHNOLOGY PLAN - UNIT C
T201D	GROUND FLOOR TECHNOLOGY PLAN - UNIT D
T201E	GROUND FLOOR TECHNOLOGY PLAN - UNIT E
T201F	GROUND FLOOR TECHNOLOGY PLAN - UNIT F
T201G	GROUND FLOOR TECHNOLOGY PLAN - UNIT G
T201H	GROUND FLOOR TECHNOLOGY PLAN - UNIT H
T202A	SECOND FLOOR TECHNOLOGY PLAN - UNIT A
T202B	SECOND FLOOR TECHNOLOGY PLAN - UNIT B
T202C	SECOND FLOOR TECHNOLOGY PLAN - UNIT C
T202D	SECOND FLOOR TECHNOLOGY PLAN - UNIT D
T202F	SECOND FLOOR TECHNOLOGY PLAN - UNIT F
T202G	SECOND FLOOR TECHNOLOGY PLAN - UNIT G
T203B/C	MEZZANINE LEVEL TECHNOLOGY PLAN
T300	TELECOM DIAGRAMS
T301	SECURITY DIAGRAMS
T302	ENLARGED TR LAYOUTS / ELEVATIONS
T303	ENLARGED TR LAYOUTS / ELEVATIONS
T304	ENLARGED TR LAYOUTS / ELEVATIONS
T305	TELECOM RACK ELEVATIONS
T306	TELECOM RACK ELEVATIONS
T307	AV DIAGRAMS
T308	AV DIAGRAMS
T309	AV DIAGRAMS
T310	AV DIAGRAMS
T311	AV DIAGRAMS
T312	AV DIAGRAMS
T313	AV ELEVATIONS
T314	AV ELEVATIONS
T315	AV ELEVATIONS
T316	AV ELEVATIONS
T317	AV ELEVATIONS
T318	AV ELEVATIONS
T319	AV RACK ELEVATIONS
T400	TECHNOLOGY DETAILS
T401	TECHNOLOGY DETAILS
T402	TECHNOLOGY DETAILS
T403	SECURITY DETAILS
T404	SECURITY DETAILS
T405	SECURITY DETAILS
T500	TELECOM SCHEDULES
T501	TELECOM SCHEDULES
T502	ACCESS CONTROL SCHEDULES

CSO
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
SHEET INDEX

CERTIFIED BY:
BRENTON C. HITE REGISTERED No. AR11700184 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
A002

PROJECT NUMBER
2023061

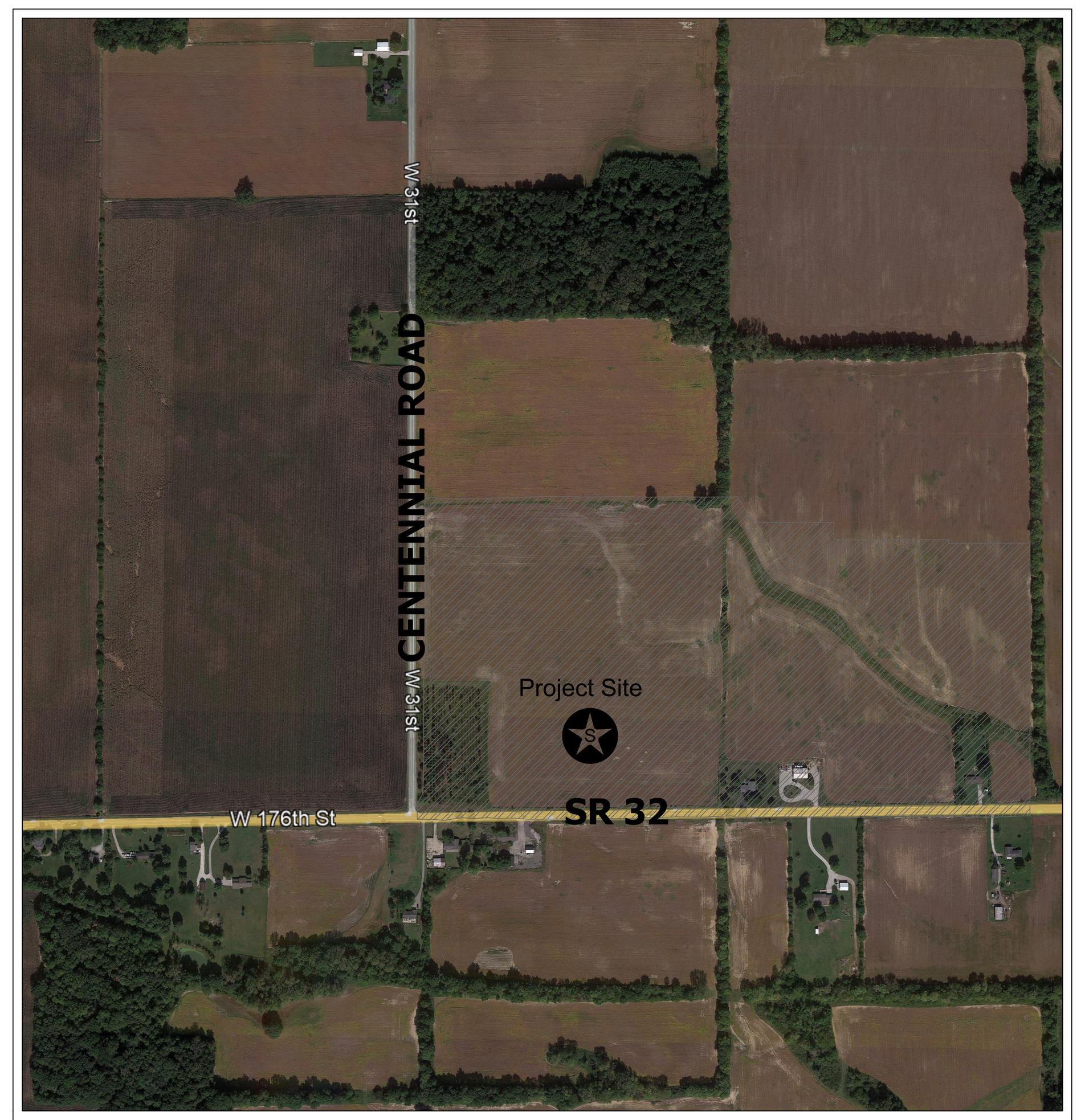
NEW WESTFIELD MIDDLE SCHOOL WEST

CENTENNIAL ROAD & STATE ROAD 32

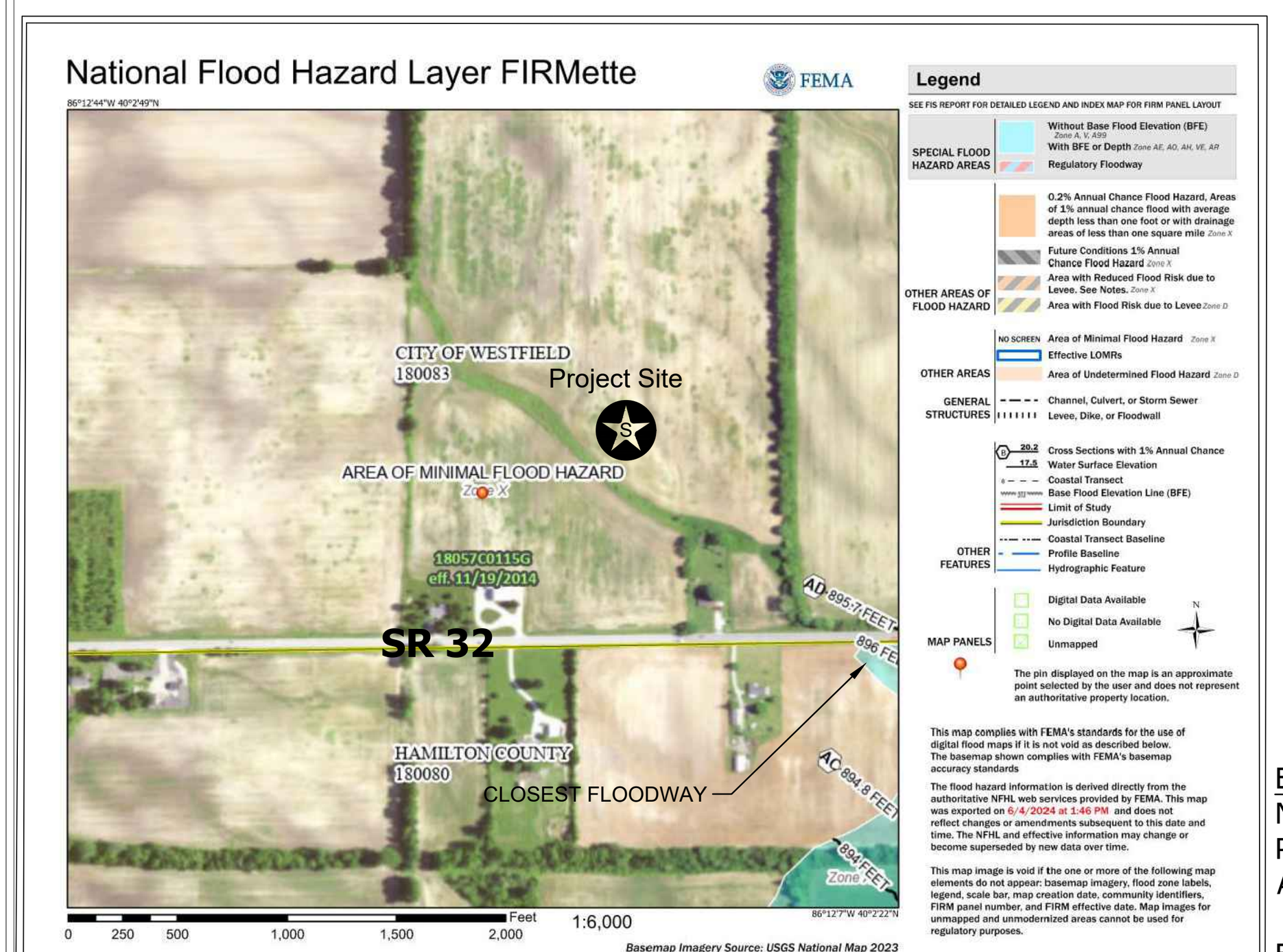


SOILS MAP

PROJECT SOIL SURVEY	
Br	Brookston silty clay loam, 0 to 2 percent slopes
CrA	Crosby silt loam, fine-loamy subsoil, 0 to 2 percent slopes



LOCATION MAP



FEMA FIRMETTE

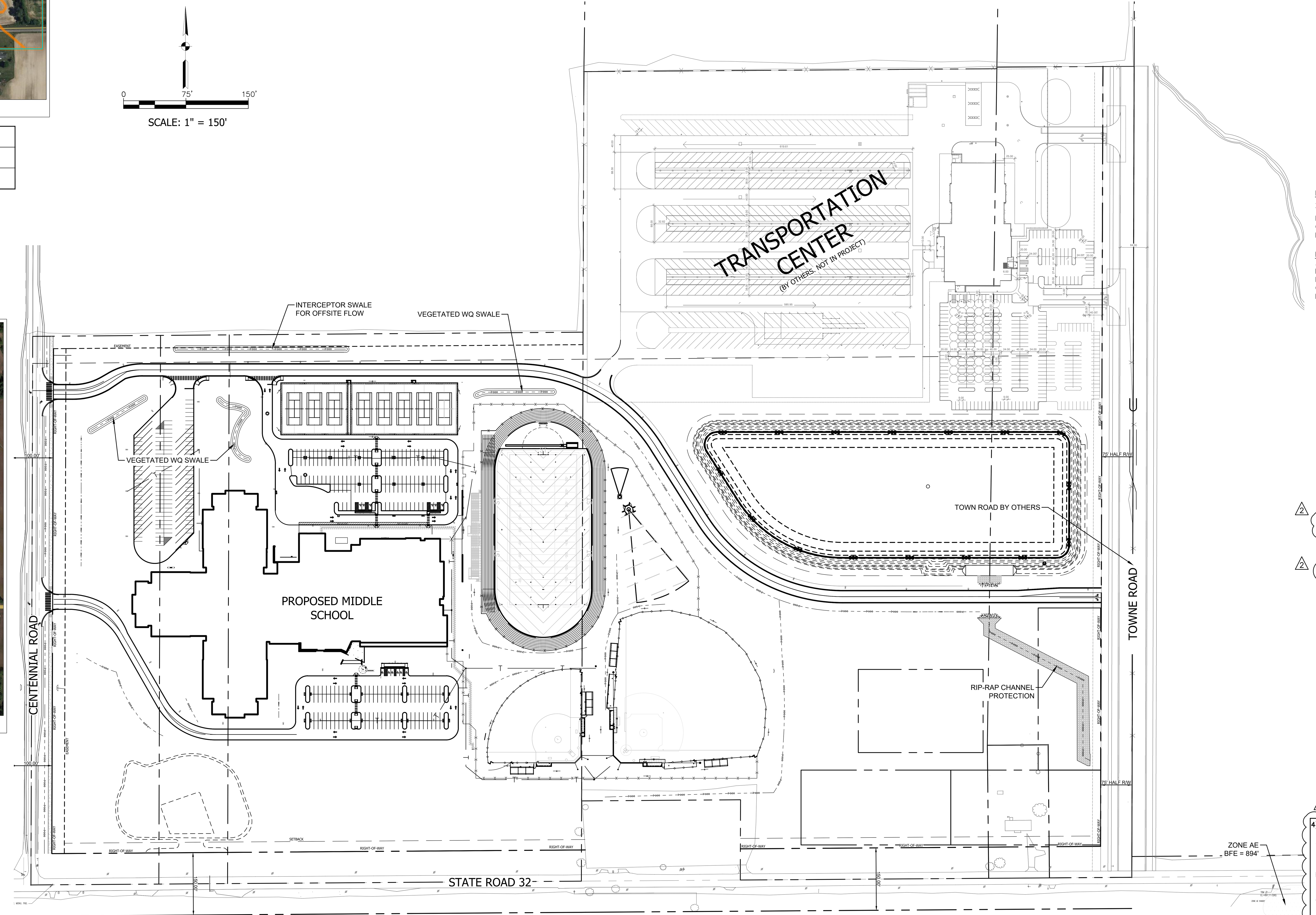
EQUIVALENT RUNOFF UNIT (ERU)

1 ERU = 3,500 SQ. FT. OF IMPERVIOUS AREA

IMPERVIOUS AREA = 5.67 ACRES , 246985 SQ. FT.

246,985 /3,500 = 71 ERU UNITS

SCALE: 1" = 150'



PROJECT MAP
SCALE: 1" = 150'

Know what's below. Call before you dig.

UTILITY CONTACT LIST

ELECTRIC UTILITY: DUKE ENERGY (NOBLESVILLE OFFICE)
NAME: JOHN SHULTZ
POSITION:
ADDRESS: 100 SOUTH MILL CREEK RD.
NOBLESVILLE, IN 46062
EMAIL: JON.SHULTZ@DUKE-ENERGY.COM
PHONE: O: 317-800-3264

WATER AND SANITARY UTILITY: CITIZENS
NAME: RYAN GANSEMER, MITCH HOUSE
POSITION:
ADDRESS: 2150 DR. MARTIN LUTHER KING DR.
INDIANAPOLIS, IN 46202
EMAIL: RGANSEMER@CITIZENSENERGYGROUP.COM
MHOUSE@CITIZENSENERGYGROUP.COM
PHONE: O: 317-917-5294

TELECOMMUNICATION UTILITY: METRONET
NAME: TOM DECKER
POSITION:
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PHONE: O: 765-426-6956

TELECOMMUNICATION UTILITY: COMCAST
NAME: EARL SMALL, JR.
POSITION: COMMERCIAL DEVELOPMENT ACCOUNT MANAGER
ADDRESS: 5330 E. 65TH STREET
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EMAIL: EARL_SMALL@CABLE.COMCAST.COM
PHONE: 317-982-1161

TELECOMMUNICATION UTILITY: FRONTIER COMMUNICATIONS
NAME: STEVE COSTLOW
POSITION:
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EMAIL: STEVE.COSTLOW@FTR.COM
PHONE O: 317-984-9010

GAS UTILITY: CITIZENS GAS OF WESTFIELD
NAME: RICHARD MILLER, JR.
POSITION:
ADDRESS: 2150 DR. MARTIN LUTHER KING DR.
INDIANAPOLIS, IN 46202
EMAIL: RMILLER@CITIZENSENERGYGROUP.COM
PHONE: O: 317-927-4684

GAS UTILITY: MARATHON PIPELINE
NAME: ZACH RICH
POSITION:
ADDRESS: 10722 EAST COUNTY RD. 300 N.
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EMAIL: ZJRICH@MARATHONPETROLEUM.COM
PHONE: O: 463-203-2363

GAS UTILITY: CENTERPOINT GAS
NAME: CHAD MILLER
POSITION: LEAD ACCOUNT MANAGER RESIDENTIAL AND COMMERCIAL
ADDRESS: 16000 ALLISONVILLE RD.
NOBLESVILLE, IN 46061
EMAIL: CHAD.R.MILLER@CENTERPOINTENERGY.COM
PHONE: O: 317-776-5590
C: 317-694-6195

INDIANA DEPARTMENT OF TRANSPORTATION:
NAME: SANDRA LANDRUM
POSITION:
ADDRESS: 2152 WEST STATE RD. 28
TIPTON, IN 46072
EMAIL: SLANDRUM@INDOT.IN.GOV
PHONE: O: 317-402-1823

HAMILTON COUNTY HIGHWAY DEPARTMENT:
NAME: DAVE LUCAS
POSITION:
ADDRESS: 1700 S. 10TH ST.
NOBLESVILLE, IN 46060
EMAIL: DAVID.LUCAS@HAMILTONCOUNTY.IN.GOV
PHONE O: 317-773-7770

PROJECT DATA

Project Information:

Project Title: Westfield Washington Middle School - West
Address: Centennial Road & State Road 32
City/Town: Westfield
County: Hamilton
Civil Township: Washington
Quarter: SW
Section: 32
Township: 19N
Range: 3E
Latitude: 40° 2' 85" N
Longitude: 86° 12' 02" W

Project Description: The project site, which includes both a new middle school and a new transportation center, is approximately 89 acres. An additional 6.6 acres will include construction of Towne Road and improvements to Centennial Road. The project area is currently used for agricultural purposes, including both a tree farm and a crop farm.

The existing drainage pattern of the site predominantly directs water towards the south, with a notable portion flowing southeast via an existing natural channel. This natural channel serves as a tributary to Little Eagle Creek located approximately 2055 feet east of the site (along SR 32).

Offsite drainage runoff enters the project site from both the North and West property boundaries. Runoff from the west enters the site through culvert structures beneath Centennial Road, subsequently entering a roadside ditch that flows south towards SR 32 and then east along SR 32. Simultaneously, a large segment of runoff from areas north of the site is directed into the existing drainageway that flows Southeast to a branch of Little Eagle Creek that flows East one the North side of State Road 32 to Little Eagle Creek.

Existing utilities surrounding the project site include gas and electricity lines running along SR 32 and Centennial Road. Additionally, an existing 54-inch sanitary sewer interceptor, situated adjacent to the site along the east, directs flow southward to the Westfield Wastewater Treatment Plant. The Water main infrastructure is not currently in close proximity to the project site. The nearest water main is a 12-inch line located along Eagle Town Road, approximately 1500 feet north of SR 32 and 1400 feet east of the site. Another water main, measuring 16 inches in diameter, is positioned at the intersection of SR 32 and Ditch Road, approximately 4200 feet east of the project site. Water and Sanitary Sewer mains will be brought to the site by others.

Proposed sanitary sewer and water main will be a 10-inch and 20-inch pipe respectively.

The proposed development includes a new middle school building, a football field, baseball fields, tennis courts, parking lots for school buses and passenger vehicles, and connecting roadways. Additionally, the project includes a new bus transportation center (by others) that will drain into the proposal regional detention pond. The development also includes the design and construction of a new collector road (Towne Rd. (by others)) along the eastern property limits and improvements on Centennial Road (along western property boundary) to accommodate the increase in traffic and vehicular loads.

DEVELOPER:: WESTFIELD WASHINGTON SCHOOLS
ADDRESS: 19500 Tomlinson Road, Suite B
Westfield, IN 46074
PHONE: (317) 867-8013
CONTACT: BRIAN TOMAMICHEL
EMAIL: TOMAMICHELB@WWS.K12.IN.US

ENGINEER: A&F ENGINEERING
ADDRESS: 8365 KEYSTONE CROSSING BLVD., STE 201
INDIANAPOLIS, IN 46240
PHONE: (317) 202-0864
CONTACT: KAREN COLLINS
EMAIL: KCOLLINS@AF-ENG.COM

SHEET INDEX	
No.	DESCRIPTION
C100	COVER SHEET
1-12	SURVEY SHEETS
C101-C102	DEMOLITION PLAN
C200-C270	ROAD PLAN AND PROFILES
C300	OVERALL GRADING PLAN
C301-C307	GRADING PLANS
C401-C402	SWPPP INTITIAL PLAN
C403-C404	SWPPP CONSTRUCTION PLAN
C405-C406	SWPPP FINAL PLAN
C407	SWPPP DETAILS
C408-C409	~~SWPPP INFORMATION~~
C500	STORM STRUCTURE DATA TABLE
C501-C505	~~UTILITY PLAN~~
C601	~~SANITARY PLAN & PROFILES~~
C700	OVERALL UTILITY PLAN
C701-C713	STORM PLAN & PROFILES
C901-C907	SITE DETAILS

ALL CONTRACTORS SHALL REVIEW CITY OF WESTFIELD STANDARDS AND SPECIFICATIONS PRIOR TO BIDDING ON THIS PROJECT. ADDITIONAL SPECIFICATIONS, NOT INCLUDED IN THIS SET OF PLANS MAY BE REQUIRED.

https://www.westfield.in.gov/department/division.php?structureid=224

THE PRESENCE OF A CITY OF WESTFIELD REVIEW AND ACCEPTANCE STAMP ON PLANS DOES NOT RELIEVE THE CONTRACTOR OR DEVELOPER FROM COMPLIANCE OF THE "CITY OF WESTFIELD CONSTRUCTION STANDARDS, LATEST EDITION". THIS REVIEW ONLY DESIGNATES THAT THE GENERAL CONFORMANCE WITH DESIGN AND SPECIFICATIONS HAVE BEEN MET. FIELD CHANGES MAY BECOME NECESSARY IN ORDER TO COMPLY WITH THE DETAILED CITY OF WESTFIELD SPECIFICATIONS.

4) BOUNDARIES ARE BASED UPON THE FOLLOWING ALTA/NSPS LAND TITLE SURVEYS:

A) Reference: An ALTA/NSPS (previously known as ALTA/ACSM) Land Title Survey of TOWNROAD CROSSING (for Towne Road Crossing North, LLC) prepared by Terra Site Development, by Stephen M. Roeschlein, P.L.S., Proj. No. 2205005 and dated May 31, 2022, Unrecorded.

B) Reference: An ALTA/NSPS (previously known as ALTA/ACSM) Land Title Survey of Saxton Property (for Melissa A. Saxony, Trustee) prepared by Weihe Engineers, by Karen Sutton, P.S., Proj. No. W230282 and dated June ___, 2023. Proforma.

C) Reference: An ALTA/NSPS (previously known as ALTA/ACSM) Land Title Survey of 2424 West S.R. 32, Westfield , IN (for Westfield Washington Schools) prepared by This Firm, by Eric C. White, P.S., Proj. No. 230043–30000 and dated JJuly 3, 2023. Unrecorded.

BENCHMARKS

REFERENCE: A COAST AND GEODETIC SURVEY (CGS) BENCH MARK DISK STAMPED: "D-112" 1946- SET FLUSH IN TOP OF A CONCRETE POST, IN THE NORTHWEST QUARTER
OF THE INTERSECTION OF STATE ROAD 32 AND CENTENNIAL ROAD.

ELEV.: 918.81 FEET (NVAD 88)

PROJECT BENCHMARK #1
MAG SPIKE IN PWP, LOCATED 1108 FEET WEST OF THE WEST EDGE OF THE S.R. 32 BRIDGE DECK OVER EAGLE CREEK ON THE WEST SIDE OF THE EAGLETOWN THEN 21.4 FEET SOUTH OF THE CENTER OF SAID STATE ROAD, ON THE NORTHERLY SIDE OF SAID PWP.

ELEV= 897.717 LVL (NAVD 88)

FLOOD ZONE STATEMENT

ALL OF THE PARCEL DESCRIBED HEREIN DOES NOT LIE WITHIN THAT SPEC FLOOD ZONE "A", BUT LIES WITHIN FLOOD ZONE "X". AS SAID PARCEL PLOTS COMMUNITY PANEL NUMBER 18057C 0115G (DATED NOVEMBER 19, 2014) OF THE FLOOD INSURANCE RATE MAPS FOR THE TOWN OF WESTFIELD, INDIANA, THE ACCURACY OF THIS FLOOD HAZARD STATEMENT IS SUBJECT TO MAP SCALE UNCERTAINTY AND TO ANY OTHER UNCERTAINTY IN LOCATION OR ELEVATION ON THE REFERENCED FLOOD INSURANCE RATE MAP.

APPROVAL PENDING NOT FOR CONSTRUCTION

CSO
Brett Hite
work: (317) 848-7800
email: BHite@csoinc.net
8831 Keystone Crossing, Indianapolis, IN 46240
317.848.7800 | csoinc.net

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A&F ENGINEERING
Transportation & Site Engineering
Creating Order Since 1966

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:		
1	ADDENDUM #2	06/17/2024
2	ADDENDUM #3	06/21/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

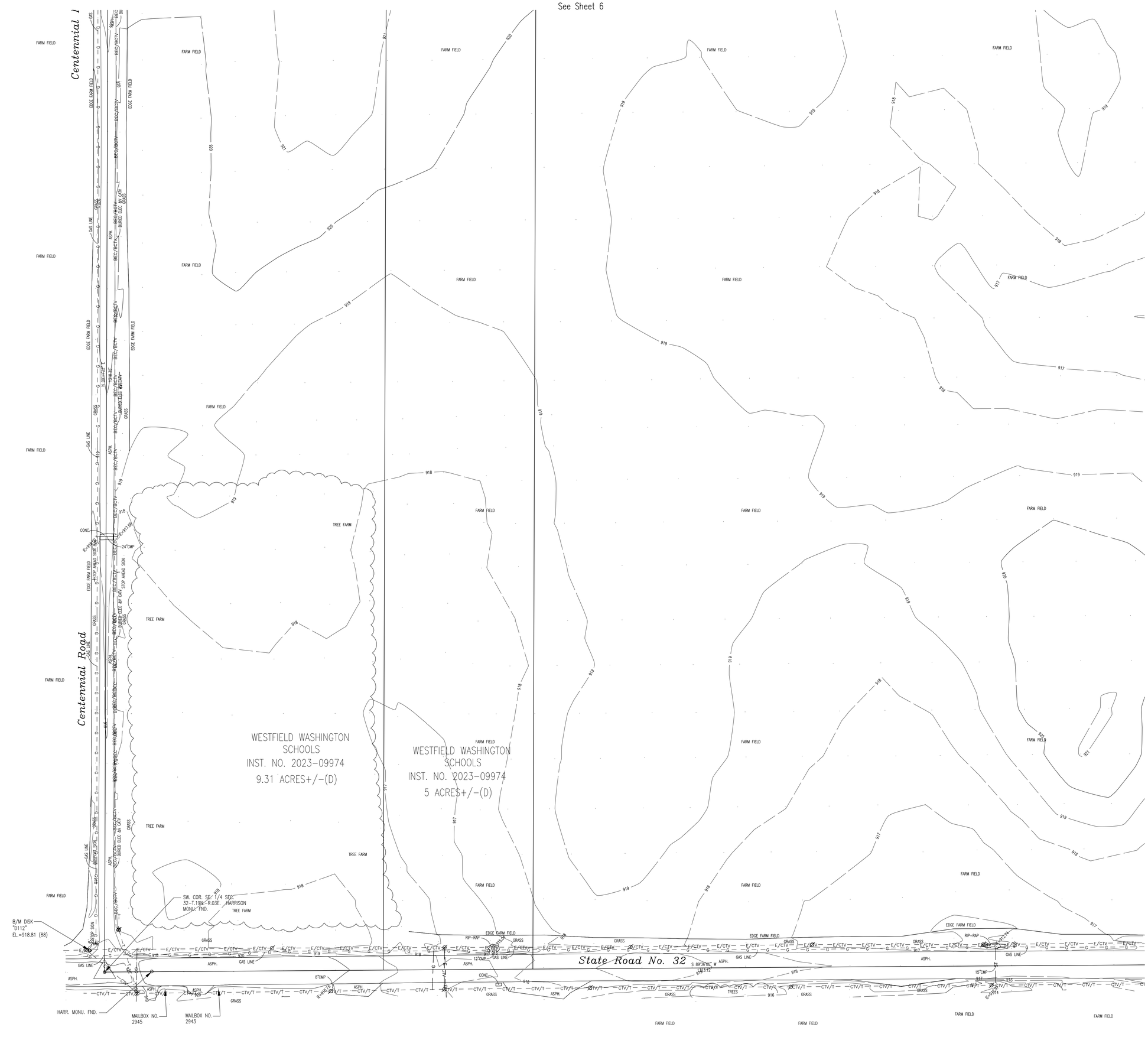
DRAWING TITLE:
COVER SHEET

CERTIFIED BY:
KAREN K. COLLINS REGISTERED No. 10404538 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWING NUMBER
C100

PROJECT NUMBER
2023061

Z:\2023\23093L-CONTEXT, NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\C100 COVER SHEET.DWG plotted by STEVEN O'ROURKE on 6/20/2024 10:12:11 AM last saved by SOROURKE on 6/19/2024 2:29:41 PM
Xrefs: X36X24E.DWG & 23093L BASE TOPO.DWG & 23093L BASE SITE.DWG & 23093L L-SB.DWG & 23093L_BUS LOT.DWG & 23093L_SITE ELECTRIC.DWG



EXISTING FEATURES LEGEND

SS — S — SANITARY SEWER & MANHOLE	POWER POLE
ST — STORM SEWER; END SECTION, INLET & M.H.	GUY WIRE
G — G — GAS LINE	UTILITY RISER; TELE., ELEC. & CTV
W — W — WATER LINE	ELECTRIC TRANSFORMER
E — E — ELECTRIC LINE (AERIAL)	AIR CONDITIONER UNIT
T — T — TELEPHONE LINE (AERIAL)	STREET LIGHT
CTV — CTV — CABLE TELEVISION (AERIAL)	LIGHT POLE
BTC — BTC — BURIED TELE. CABLE	FLOOD LIGHT
BEC — BEC — BURIED ELEC. CABLE	TRAFFIC MANHOLE AND SIGNAL POLE
X — FENCE LINE (FNC)	FIRE HYDRANT
BCTV — BCTV — BURIED CABLE TV	VALVE; GAS & WATER
GUARDRAIL	STREET SIGN
RIGHT OF WAY LINE (R/W)	WATER, TELE, AND ELEC. MANHOLE
EASEMENT LINE	SEWER CLEANOUT
CENTER LINE	ELECTRIC, GAS AND WATER METER
SWALE LINE	PIPELINE MARKER POST
D. DEED DIMENSION	MAILBOX
M. MEASURED DIMENSION	GUARD POST
P. PLAT DIMENSION	SPRINKLER HEAD
R. RADIUS	IRRIGATION CONTROL BOX
L. ARC LENGTH	SPOT GRADE
M.H. MANHOLE	TOP CURB OVER GUTTER GRADE
FND. FOUND	MONITORING WELL
CONC. CONCRETE	FIRE SERVICE STAND PIPE
ASPH. ASPHALT	GAS VENT PIPE
TC TOP OF CASTING ELEVATION	SEPTIC TANK LID
IE INVERT ELEVATION	WELL CAP
FFE FINISH FLOOR ELEVATION	SITE ADDRESS
TBM TEMPORARY BENCHMARK	AIR RELIEF VALVE
● DENOTES A 5/8" DIA. REBAR WITH YELLOW PLASTIC CAP SET. CAP STAMPED "CRIPE FIRM NO. 0055" UNLESS OTHERWISE NOTED.	UNDERGROUND TANK FILLER PIPE
○ DENOTES A MAG NAIL WITH WASHER SET. WASHER STAMPED "CRIPE FIRM NO. 0055" UNLESS OTHERWISE NOTED.	

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CONCEPT CK. BY & DATE:	FIELD CK. BY & DATE:
CERTIFIED BY:	
NAME: CLAUDE M. QUILLEN, P.S.#20200002	DATE: 8-18-23

Revisions			
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Topographic Survey
Westfield - Centennial

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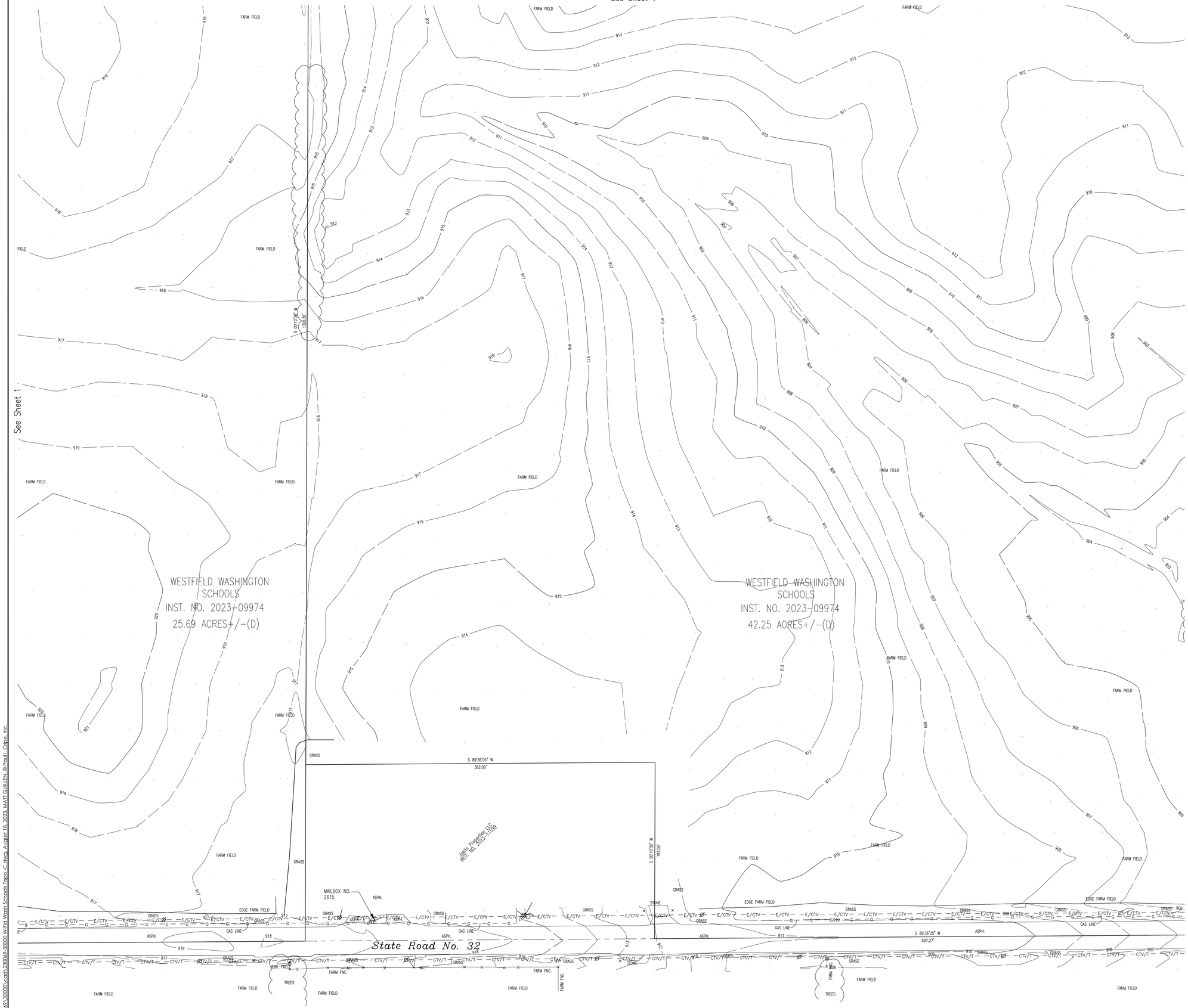
WESTFIELD, INDIANA 46074
PHONE: FAX:

Legal Township: WASHINGTON TWP., HAMILTON CO.			
Section: 32-33	Township: 19-N	Range: 3-E	
Record Owner: NOTED ON THE SURVEY			
Scale: 1" = 40'			
Sheet No.: 10F12			
Project Number: 230069-30000			

O:\2023\230069\30000\cad\230069-30000 W-Rd Wash Schools Topo-C.dwg, August 18, 2023, MATT QUILLEN, © Paul I. Cripe, Inc.



EXISTING FEATURES LEGEND

SS	SANITARY SEWER & MANHOLE	Ø	POWER POLE
ST	STORM SEWER; END SECTION, INLET & M.H.		GUY WIRE
G	GAS LINE		UTILITY RISER; TELE., ELEC. & CTV
W	WATER LINE		ELECTRIC TRANSFORMER
E	ELECTRIC LINE (AERIAL)		AIR CONDITIONER UNIT
T	TELEPHONE LINE (AERIAL)		STREET LIGHT
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P.	PLAT DIMENSION		SPRINKLER HEAD
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H.H.	HANDHOLE		TOP CURB OVER GUTTER GRADE
FND.	FOUND		MONITORING WELL
CONC.	CONCRETE		FIRE SERVICE STAND PIPE
ASPH.	ASPHALT		GAS VENT PIPE
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CONCEPT CK. BY & DATE:		FIELD CK. BY & DATE:	
CERTIFIED BY:			
NAME: CLAUDE M. QUILLEN, P.S.#20200002		DATE: 8-18-23	

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Westfield - Centennial

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WESTFIELD, INDIANA 46074
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Record Owner: NOTED ON THE SURVEY
Scale: 1" = 40'

Sheet No.
20F12

Project Number
230069-30000

O:\2023\230069.30000\cad\230069-30000 W-Fld Wash Schools Topo -C.dwg, August 18, 2023, MATT QUILLEN, © Paul I. Cripe, Inc.

See Sheet 8

See Sheet 2

See Sheet 4

FARM FIELD

TREES

FARM INC.

WESTFIELD WASHINGTON SCHOOLS
INST. NO. 2023-09974
14.31 ACRES+/-(D)

WESTFIELD WASHINGTON SCHOOLS
INST. NO. 2023-26069
78.85 ACRES+/-(D)

James E. Conaway
INST. NO. 2015-31028
1.06 ACRES+/-(D)

YARD BARN

HOUSE

E.T.

EDGE FARM FIELD

GRASS

STONE

ASPH.

State Road No. 32

N 89°35'53" E
146.00'

N 89°31'04" E

CAPPED RBR. FND. STAMPED "MILLER"

SE. COR. SE. 1/4 SEC. 32-T.19N.-R.03E. HARRISON MONU. FND.

MAILBOX NO. 2423 & NO NUMBER

MAILBOX NO. 2313

TBM #1
EL.=897.717(88)

ZONE AE SHADED

NO PASSING SIGN

SPEED LIMIT SIGN

12"RCP - ALTERED

SCALE: 1"=40'

0 20 40 80

EXISTING FEATURES LEGEND

SS — S —	SANITARY SEWER & MANHOLE	Ø	POWER POLE
ST — —	STORM SEWER; END SECTION, INLET & M.H.	←—	GUY WIRE
— G — G —	GAS LINE		UTILITY RISER; TELE., ELEC. & CTV
— W — W —	WATER LINE		ELECTRIC TRANSFORMER
— E — E —	ELECTRIC LINE (AERIAL)		AIR CONDITIONER UNIT
— T — T —	TELEPHONE LINE (AERIAL)		STREET LIGHT
— CTV — CTV —	CABLE TELEVISION (AERIAL)		LIGHT POLE
— BTC — BTC —	BURIED TELE. CABLE		FLOOD LIGHT
— BEC — BEC —	BURIED ELEC. CABLE	TR	TRAFFIC MANHOLE AND SIGNAL POLE
— X —	FENCE LINE (FNC)		FIRE HYDRANT
— BCTV — BCTV —	BURIED CABLE TV		VALVE; GAS & WATER
	GUARDRAIL		STREET SIGN
	RIGHT OF WAY LINE (R/W)	W T E	WATER, TELE, AND ELEC. MANHOLE
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	SWALE LINE		PIPELINE MARKER POST
D.	DEED DIMENSION		MAILBOX
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R.	RADIUS		IRRIGATION CONTROL BOX
L.	ARC LENGTH		SPOT GRADE
H.H.	HANDHOLE		TOP CURB OVER GUTTER GRADE
FND.	FOUND		MONITORING WELL
CONC.	CONCRETE		FIRE SERVICE STAND PIPE
ASPH.	ASPHALT		GAS VENT PIPE
TC	TOP OF CASTING ELEVATION		SEPTIC TANK LID
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TBM	TEMPORARY BENCHMARK		AIR RELIEF VALVE

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UNDERGROUND TANK FILLER PIPE

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Westfield - Centennial

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WESTFIELD, INDIANA 46074
PHONE: FAX:

Legal Township: WASHINGTON TWP., HAMILTON CO.
Section: 32-33 | Township: 19-N | Range: 3-E
Record Owners: NOTED ON THE SURVEY

Scale: 1" = 40'

Sheet No. 3OF12

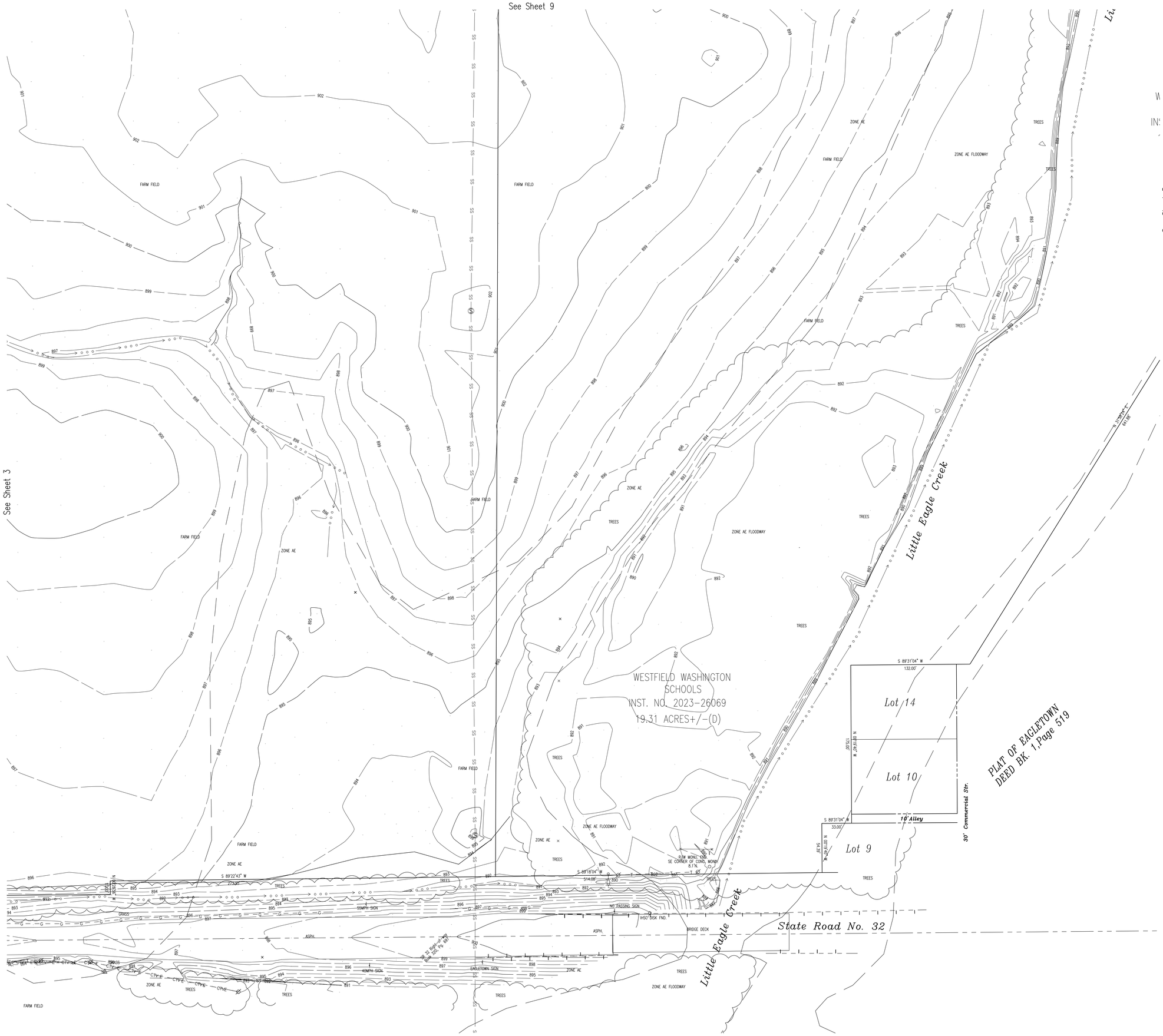
Project Number: 230069-30000

O:\2023\230069-30000\civil\230069-30000 W-Fld Wash Schools Topo-C.dwg, August 18, 2023, MATT QUILLEN, © Paul I. Cripe, Inc.

See Sheet 9

See Sheet 3

See Sheet 5



0 20 40 80

SCALE: 1"=40'

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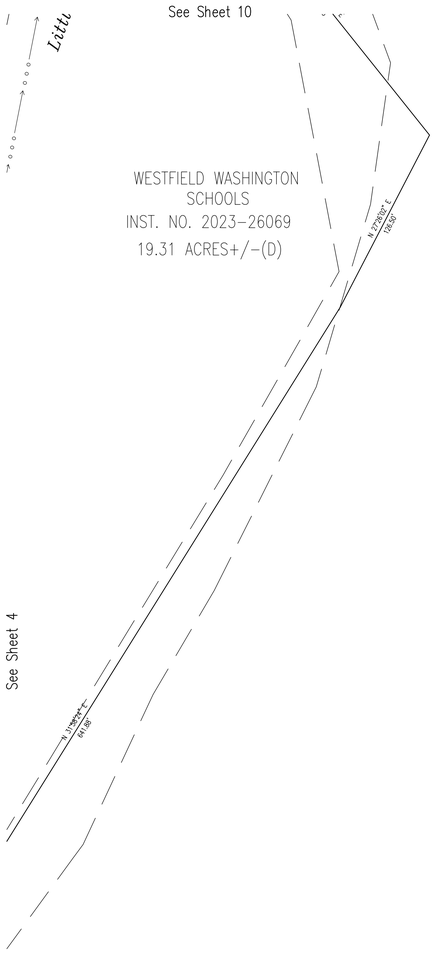

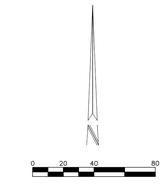

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T	TELEPHONE LINE (AERIAL)		STREET LIGHT
CTV	CABLE TELEVISION (AERIAL)		LIGHT POLE
BTC	BURIED TELE. CABLE		FLOOD LIGHT
BEC	BURIED ELEC. CABLE	TB	TRAFFIC MANHOLE AND SIGNAL POLE
X	FENCE LINE (TYP.)		FIRE HYDRANT
BCTV	BURIED CABLE TV		VALVE; GAS & WATER
	GUARDRAIL		STREET SIGN
	RIGHT OF WAY LINE (R/W)	W T E	WATER, TELE, AND ELEC. MANHOLE
	EASEMENT LINE		SEWER CLEANOUT
	CENTER LINE		ELECTRIC, GAS AND WATER METER
	SWALE LINE		PIPELINE MARKER POST
D.	DEED DIMENSION		MAILBOX
M.	MEASURED DIMENSION		GUARD POST
P.	PLAT DIMENSION		SPRINKLER HEAD
R.	RADIUS		IRRIGATION CONTROL BOX
L.	ARC LENGTH		SPOT GRADE
M.H.	MANHOLE		TOP CURB OVER GUTTER GRADE
FND.	FOUND		MONITORING WELL
CONC.	CONCRETE		FIRE SERVICE STAND PIPE
ASPH.	ASPHALT		GAS VENT PIPE
TC	TOP OF CASTING ELEVATION		SEPTIC TANK LID
IE	INVERT ELEVATION		WELL CAP
FFE	FINISH FLOOR ELEVATION		SITE ADDRESS
TBM	TEMPORARY BENCHMARK		AIR RELIEF VALVE
			UNDERGROUND TANK FILLER PIPE

● DENOTES A 5/8" DIA. REBAR WITH YELLOW PLASTIC CAP SET, CAP STAMPED "CRIPE FIRM NO. 0055" UNLESS OTHERWISE NOTED.

○ DENOTES A MAG NAIL WITH WASHER SET, WASHER STAMPED "CRIPE FIRM NO. 0055" UNLESS OTHERWISE NOTED.

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DRAWN BY: CMQ	TECH. CK. BY & DATE:
CONCEPT CK. BY & DATE:	FIELD CK. BY & DATE:
CERTIFIED BY:	
NAME: CLAUDE M. QUILLEN, P.S.#20200002	DATE: 8-18-23

Revisions			
By	Date	Description	

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Civil Engineering
Survey + Construction Engineering
Energy + Facilities
Environmental Engineering
Real Estate Services

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E-Mail cripe@cripe.biz

Topographic Survey
Westfield - Centennial

WESTFIELD WASHINGTON SCHOOLS
19560 TOWNSON ROAD, SUITE B
WESTFIELD, INDIANA 46074
PHONE: FAX:

Civil Township: WASHINGTON TWP., HAMILTON CO.
Section: 32-33 | Township: 19-N | Range: 3-E
Record Owner: NOTED ON THE SURVEY

Scale: 1" = 40'

Sheet No. 5OF12

Project Number 230069-30000

O:\2023\230069\30000\carl\230069-30000 Wstfld Wash Schools Topo -C.dwg, August 18, 2023, MATT QUILLEN @ Paul I. Cripe, Inc.

SCALE: 1"=40'

EXISTING FEATURES LEGEND

SS —(S)—	SANITARY SEWER & MANHOLE	⌀	POWER POLE
ST —	STORM SEWER; END SECTION, INLET & M.H.	⟵	GUY WIRE
—G— —G—	GAS LINE		UTILITY RISER; TELE., ELEC. & CTV
—W— —W—	WATER LINE		ELECTRIC TRANSFORMER
—E— —E—	ELECTRIC LINE (AERIAL)		AIR CONDITIONER UNIT
—T— —T—	TELEPHONE LINE (AERIAL)		STREET LIGHT
—CTV— —CTV—	CABLE TELEVISION (AERIAL)		LIGHT POLE
—BTC— —BTC—	BURIED TELE. CABLE		FLOOD LIGHT
—BEC— —BEC—	BURIED ELEC. CABLE	TR	TRAFFIC MANHOLE AND SIGNAL POLE
—X—	FENCE LINE (FNC)		FIRE HYDRANT
—BCTV— —BCTV—	BURIED CABLE TV		VALVE; GAS & WATER
	GUARDRAIL		STREET SIGN
	RIGHT OF WAY LINE (R/W)	W T E	WATER, TELE, AND ELEC. MANHOLE
	EASEMENT LINE		SEWER CLEANOUT
	CENTER LINE		ELECTRIC, GAS AND WATER METER
o o o	SWALE LINE		PIPELINE MARKER POST
D.	DEED DIMENSION		MAILBOX
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P.	PLAT DIMENSION		SPRINKLER HEAD
R.	RADIUS		IRRIGATION CONTROL BOX
L.	ARC LENGTH		SPOT GRADE
H.H.	HANDHOLE		TOP CURB OVER GUTTER GRADE
FND.	FOUND		MONITORING WELL
CONC.	CONCRETE		FIRE SERVICE STAND PIPE
ASPH.	ASPHALT		GAS VENT PIPE
TC	TOP OF CASTING ELEVATION		SEPTIC TANK LID
IE	INVERT ELEVATION		WELL CAP
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See Sheet 7

UNIVERSAL PROPERTIES, LLC
INST. NO. 2017-02277

WESTFIELD WASHINGTON SCHOOLS
INST. NO. 2023-09974
9.31 ACRES+/-(D)

WESTFIELD WASHINGTON SCHOOLS
INST. NO. 2023-09974
5 ACRES+/-(D)

WESTFIELD WASHINGTON SCHOOLS
INST. NO. 2023-09974
25.69 ACRES+/-(D)

Centennial Road

FARM FIELD
GRAV. ENTRANCE DRIVE
GAS LINE
ASPH.
BEC/BCTV
BURIED ELEC &V CATV
EDGE FARM FIELD
GRASS
TREES
N 89°33'51" E
1322.85'
921
920
919

See Sheet 1

DRAWN BY: CMQ	TECH. CK. BY & DATE:
CONCEPT CK. BY & DATE:	FIELD CK. BY & DATE:
CERTIFIED BY:	
NAME: CLAUDE M. QUILLEN, P.S.#20200002	DATE: 8-18-23

Revisions			
By	Date	Description	

Architecture + Interiors
Civil Engineering
Survey + Construction Engineering
Energy + Facilities
Planning + Zoning
Real Estate Services

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Indianapolis, Indiana 46240
(317) 844-6777
E-Mail cripe@cripe.biz

Topographic Survey
Westfield - Centennial

WESTFIELD WASHINGTON SCHOOLS
19500 TOMLINSON ROAD, SUITE B
WESTFIELD, INDIANA 46074
PHONE: FAX:

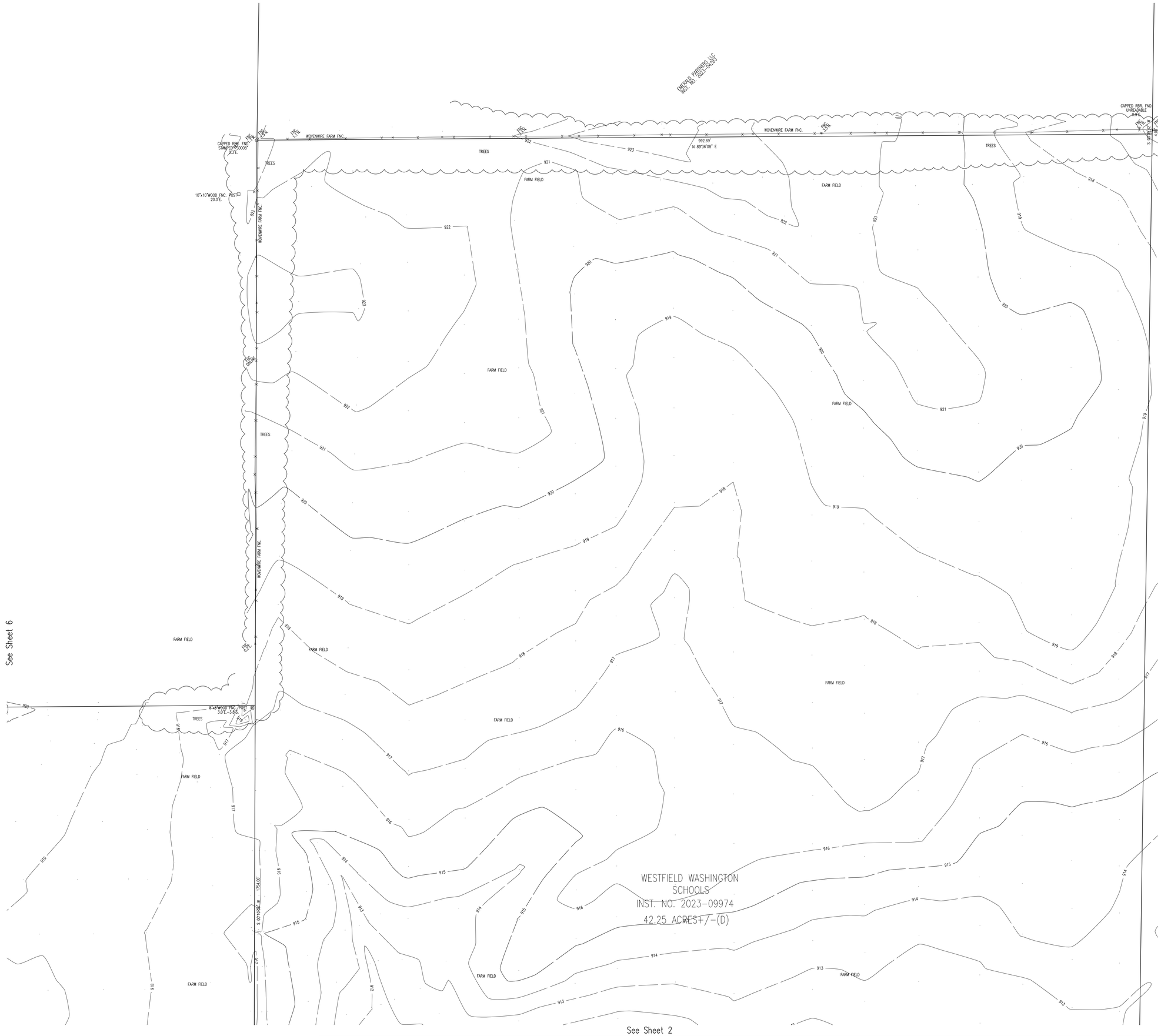
Civil Township: WASHINGTON TWP., HAMILTON CO.
Section: 32-33 | Township: 19-N | Range: 3-E
Record Owner: NOTED ON THE SURVEY

Scale: 1" = 40'

Sheet No. 6OF12

Project Number 230069-30000

O:\2023\230069\30000\cad\230069-30000 W-Rd Wash Schools Topo -C.dwg, August 18, 2023, MATT QUILLEN, @ Paul I. Cripe, Inc.



0 20 40 80

SCALE: 1"=40'

EXISTING FEATURES LEGEND

SS	SANITARY SEWER & MANHOLE		POWER POLE
ST	STORM SEWER; END SECTION, INLET & M.H.		GUY WIRE
G	GAS LINE		UTILITY RISER; TELE., ELEC. & CTV
W	WATER LINE		ELECTRIC TRANSFORMER
E	ELECTRIC LINE (AERIAL)		AIR CONDITIONER UNIT
T	TELEPHONE LINE (AERIAL)		STREET LIGHT
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L.	ARC LENGTH		SPOT GRADE
H.H.	HANDHOLE		TOP CURB OVER GUTTER GRADE
FND.	FOUND		MONITORING WELL
CONC.	CONCRETE		FIRE SERVICE STAND PIPE
ASPH.	ASPHALT		GAS VENT PIPE
TC	TOP OF CASTING ELEVATION		SEPTIC TANK LID
IE	INVERT ELEVATION		WELL CAP
FFE	FINISH FLOOR ELEVATION	1234	SITE ADDRESS
TBM	TEMPORARY BENCHMARK		AIR RELIEF VALVE

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CONCEPT CK. BY & DATE:	FIELD CK. BY & DATE:
CERTIFIED BY:	
NAME: CLAUDE M. QUILLEN, P.S.#20200002	DATE: 8-18-23

Revisions			
By	Date	Description	

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Topographic Survey
Westfield - Centennial

WESTFIELD WASHINGTON SCHOOLS
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WESTFIELD, INDIANA 46074
PHONE: FAX:

Part Township: WASHINGTON TWP., HAMILTON CO.			
Section: 32-33	Township: 19-N	Range: 3-E	
Record Owner: NOTED ON THE SURVEY			

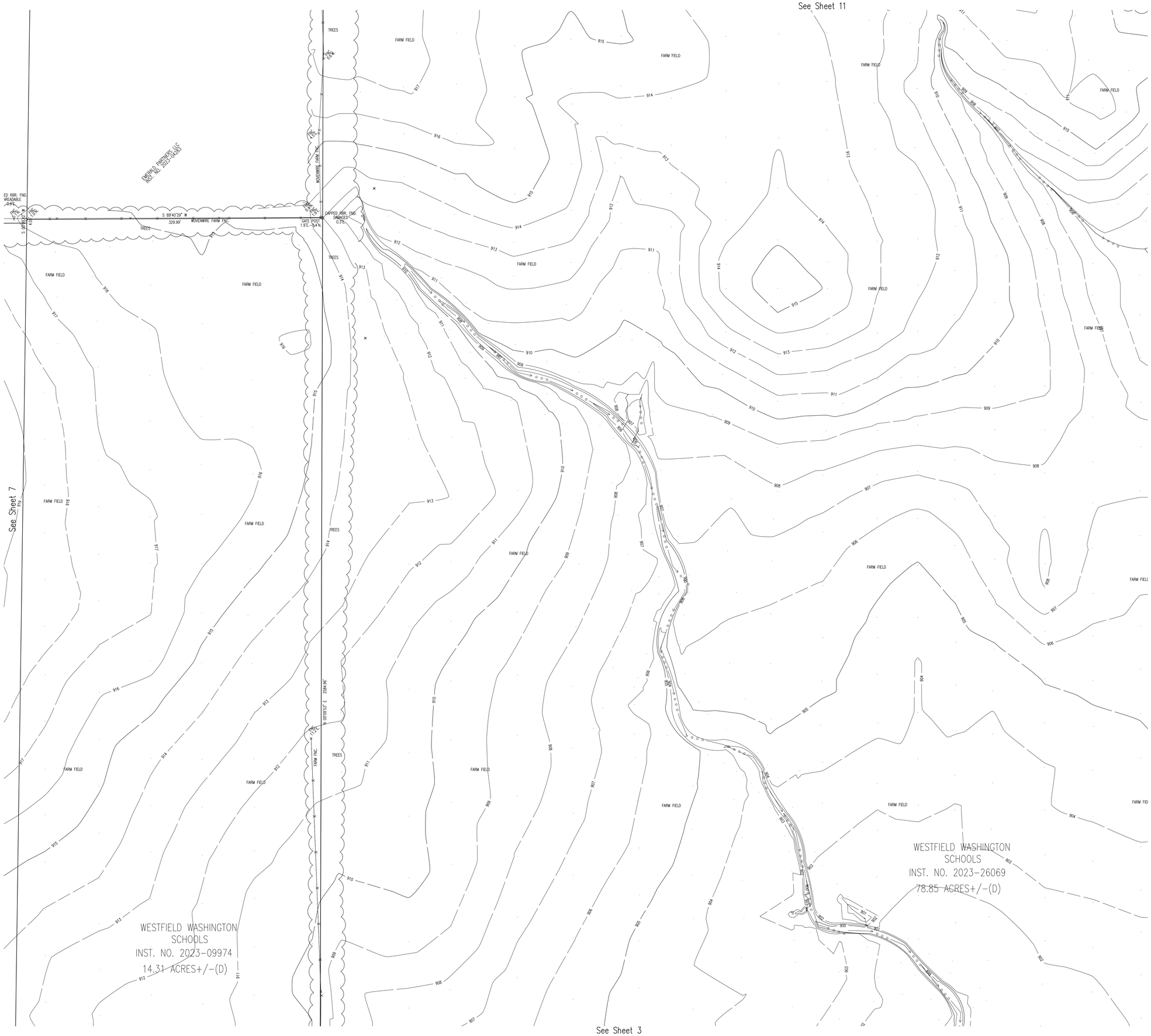
Scale: 1" = 40'

Sheet No. 7OF12

Project Number: 230069-30000

O:\2023\230069\30000\cad\230069-30000 W-Fld Wash Schools Topo-C.dwg, August 18, 2023, MATT QUILLEN, © Paul I. Cripe, Inc.

See Sheet 11



See Sheet 7

See Sheet 3

See Sheet 9

EXISTING FEATURES LEGEND

SS	SANITARY SEWER & MANHOLE		POWER POLE
ST	STORM SEWER; END SECTION, INLET & M.H.		GUY WIRE
G	GAS LINE		UTILITY RISER, TELE., ELEC. & CTV
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Westfield - Centennial

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Sheet No. 8OF12

Project Number 230069-30000

O:\2023\230069.30000\cad\230069-30000 W-Fld Wash Schools Topo -C.dwg, August 18, 2023, MATT QUILLEN, © Paul I. Cripe, Inc.

See Sheet 12

See Sheet 8

See Sheet 10

See Sheet 4

FARM FIELD

TREES

ZONE A

ZONE AE

ZONE AE FLOODWAY

WESTFIELD WASHINGTON SCHOOLS
INST. NO. 2023-26069
19.31 ACRES+/-(D)

Little Eagle Creek

WOVENWIRE FARM FNC.

MOVEMORE FARM INC.

Kevin R. Catron et ux INST. NO. 2021-5338

S 89°29'46" W
973.10'

N 00°11'21" E
1322.89'

FND. 5/8"REB W/ MILLER CAP

0 20 40 80

SCALE: 1"=40'

EXISTING FEATURES LEGEND

SS	SANITARY SEWER & MANHOLE		POWER POLE
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	EASEMENT LINE		SEWER CLEANOUT
	CENTER LINE		ELECTRIC, GAS AND WATER METER
	SWALE LINE		PIPELINE MARKER POST
D.	DEED DIMENSION		MAILBOX
M.	MEASURED DIMENSION		GUARD POST
P.	PLAT DIMENSION		SPRINKLER HEAD
R.	RADIUS		IRRIGATION CONTROL BOX
L.	ARC LENGTH		SPOT GRADE
H.H.	HANDHOLE		TOP CURB OVER GUTTER GRADE
FND.	FOUND		MONITORING WELL
CONC.	CONCRETE		FIRE SERVICE STAND PIPE
ASPH.	ASPHALT		GAS VENT PIPE
TC	TOP OF CASTING ELEVATION		SEPTIC TANK LID
IE	INVERT ELEVATION		WELL CAP
FFE	FINISH FLOOR ELEVATION	1234	SITE ADDRESS
TBM	TEMPORARY BENCHMARK		AIR RELIEF VALVE
●	DENOTES A 5/8" DIA. REBAR WITH YELLOW PLASTIC CAP SET, CAP STAMPED "CRIPE FIRM NO. 0055" UNLESS OTHERWISE NOTED.		UNDERGROUND TANK FILLER PIPE
○	DENOTES A MAG NAIL WITH WASHER SET, WASHER STAMPED "CRIPE FIRM NO. 0055" UNLESS OTHERWISE NOTED.		

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Drawn By: CMQ		TECH. CK. BY & DATE:	
CONCEPT CK. BY & DATE:		FIELD CK. BY & DATE:	
COPYRIGHT BY:			
NAME: CLAUDE M. QUILLEN, P.S.#20200002		DATE: 8-18-23	

O:\2023\230069\30000\cad\230069-30000 W-Rd Wash Schools Topo-C.dwg, August 18, 2023, MATT QUILLEN, @ Paul I. Cripe, Inc.

Revisions			
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Civil Engineering
Land Development Consultation Engineering
Energy + Facilities
Surveying + Mapping
Real Estate Services

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Westfield - Centennial

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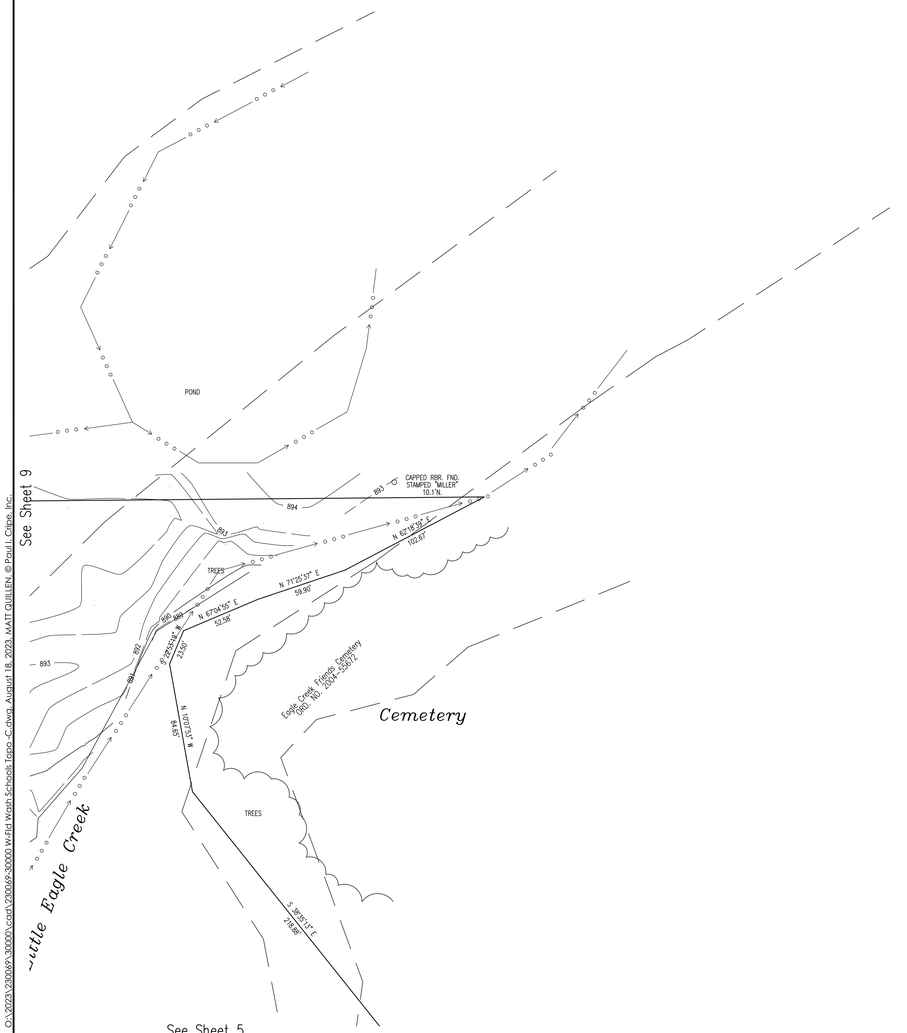
WESTFIELD, INDIANA 46074
PHONE: FAX:

Part Township: WASHINGTON TWP., HAMILTON CO.
Section: 32-33 | Township: 19-N | Range: 3-E
Record Owner: NOTED ON THE SURVEY

Scale: 1" = 40'

Sheet No. 9OF12

Project Number 230069-30000



0 20 40 80

SCALE: 1"=40'

EXISTING FEATURES LEGEND

SS —(S)—	SANITARY SEWER & MANHOLE	⌀	POWER POLE
ST	STORM SEWER; END SECTION, INLET & M.H.	⟵	GUY WIRE
—G—	GAS LINE		UTILITY RISER, TELE., ELEC. & CTV
—W—	WATER LINE		ELECTRIC TRANSFORMER
—E—	ELECTRIC LINE (AERIAL)		AIR CONDITIONER UNIT
—T—	TELEPHONE LINE (AERIAL)		STREET LIGHT
—CTV—	CABLE TELEVISION (AERIAL)		LIGHT POLE
—BTC—	BURIED TELE. CABLE		FLOOD LIGHT
—BEC—	BURIED ELEC. CABLE	TR	TRAFFIC MANHOLE AND SIGNAL POLE
—X—	FENCE LINE (FNC)		FIRE HYDRANT
—BCTV—	BURIED CABLE TV		VALVE; GAS & WATER
	GUARDRAIL		STREET SIGN
	RIGHT OF WAY LINE (R/W)	W T E	WATER, TELE, AND ELEC. MANHOLE
	EASEMENT LINE		SEWER CLEANOUT
	CENTER LINE		ELECTRIC, GAS AND WATER METER
o o o	SWALE LINE		PIPELINE MARKER POST
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ORIGIN BENCHMARK:

REFERENCE: A COAST AND GEODETIC SURVEY (CGS) BENCH MARK DISK STAMPED: "D-112 1946- SET FLUSH IN TOP OF A CONCRETE POST, IN THE NORTHWEST QUARTER OF THE INTERSECTION OF STATE ROAD 32 AND CENTENNIAL ROAD.

ELEV.: 918.81 FEET (NAVD 88)

PROJECT BENCHMARK#1
MAG SPIKE IN PWP, LOCATED 1108 FEET WEST OF THE WEST EDGE OF THE S.R. 32 BRIDGE DECK OVER EAGLE CREEK ON THE WEST SIDE OF EAGLETOWN THEN 21.4 FEET SOUTH OF THE CENTER OF SAID STATE ROAD, ON THE NORTHERLY SIDE OF SAID PWP.

ELEV=897.717 LVL (NAVD 88)

DRAWN BY: CMQ		TECH. CK. BY & DATE:	
CONCEPT CK. BY & DATE:		FIELD CK. BY & DATE:	
CERTIFIED BY:			
NAME: CLAUDE M. QUILLEN, P.S.#20200002		DATE: 8-18-23	

O:\2023\230069\30000\cad\230069-30000 W-Rd Wash Schools Topo -C.dwg, August 18, 2023, MATT QUILLEN, © Paul I. Cripe, Inc.

Revisions			
By	Date	Description	

Architecture + Interiors
Civil Engineering
Survey + Construction Engineering
Energy + Facilities
Environmental Engineering
Real Estate Services

9339 Priority Way West Drive, Suite 100
Indianapolis, Indiana 46240
(317) 844-4777
E-Mail cripe@cripe.biz

Cripe®

Topographic Survey
Westfield - Centennial

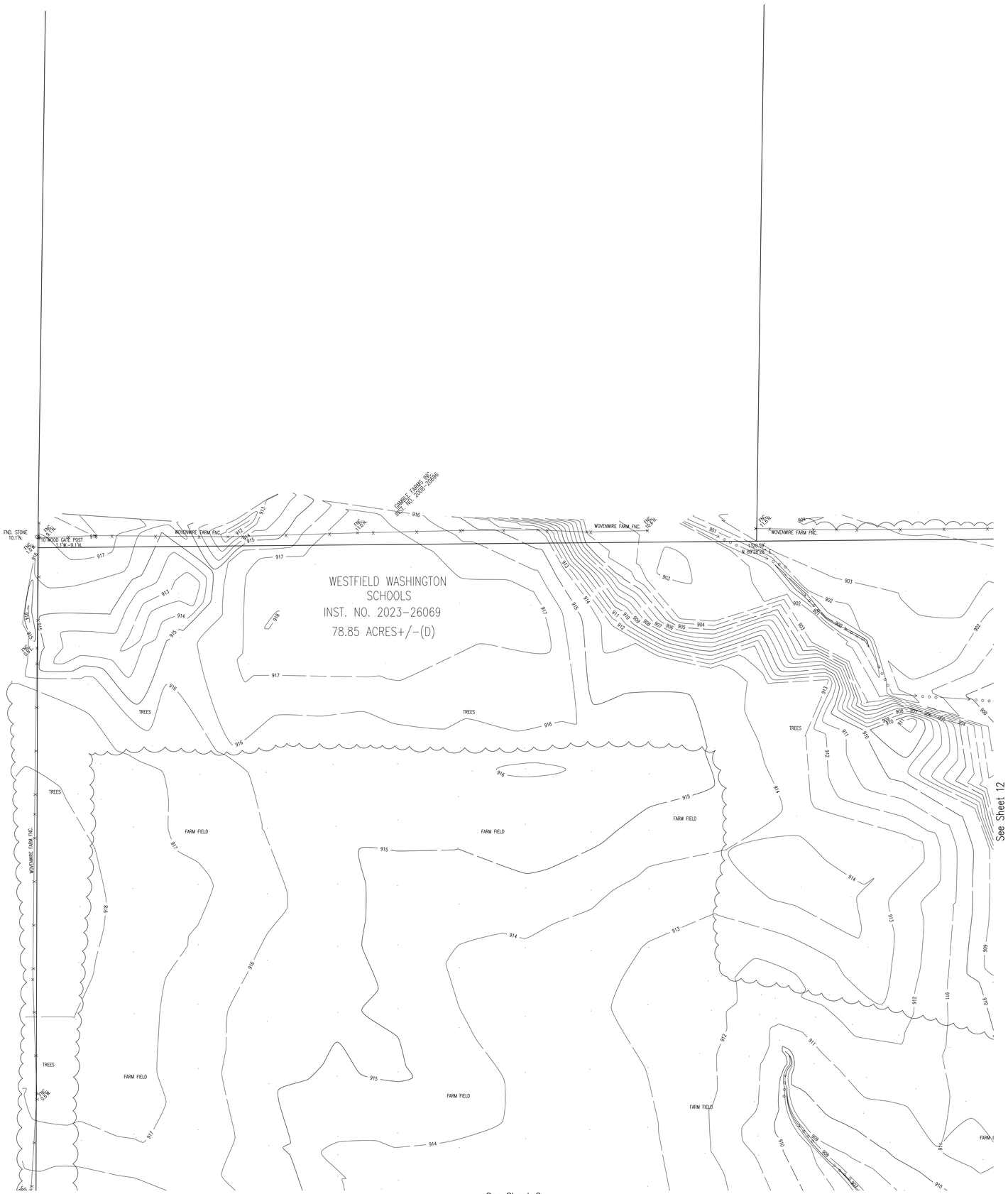
WESTFIELD WASHINGTON SCHOOLS
19560 TOMLINSON ROAD, SUITE B
WESTFIELD, INDIANA 46074
PHONE: FAX:

Legal Description: WASHINGTON TWP. HAMILTON CO.			
Section: 32-33	Township: 19-N	Range: 3-E	
Record Owner: NOTED ON THE SURVEY			

Scale: 1" = 40'

Sheet No.
10OF12

Project Number
230069-30000



0 20 40 80

SCALE: 1"=40'

EXISTING FEATURES LEGEND

SS	SANITARY SEWER & MANHOLE		POWER POLE
ST	STORM SEWER; END SECTION, INLET & M.H.		GUY WIRE
G	GAS LINE		UTILITY RISER, TELE., ELEC. & CTV
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BCTV	BURIED CABLE TV		VALVE; GAS & WATER
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CONCEPT CK. BY & DATE:	FIELD CK. BY & DATE:
CERTIFIED BY:	
NAME: CLAUDE M. QUILLEN, P.S.#20200002	DATE: 8-18-23

Revisions			
By	Date	Description	

Architecture + Interiors
Civil Engineering
Surveying + Construction Engineering
Energy + Facilities
Transportation Engineering
Real Estate Services

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cripe

Topographic Survey
Westfield - Centennial

WESTFIELD WASHINGTON SCHOOLS
19500 TOMLINSON ROAD, SUITE B
WESTFIELD, INDIANA 46074
PHONE: FAX:

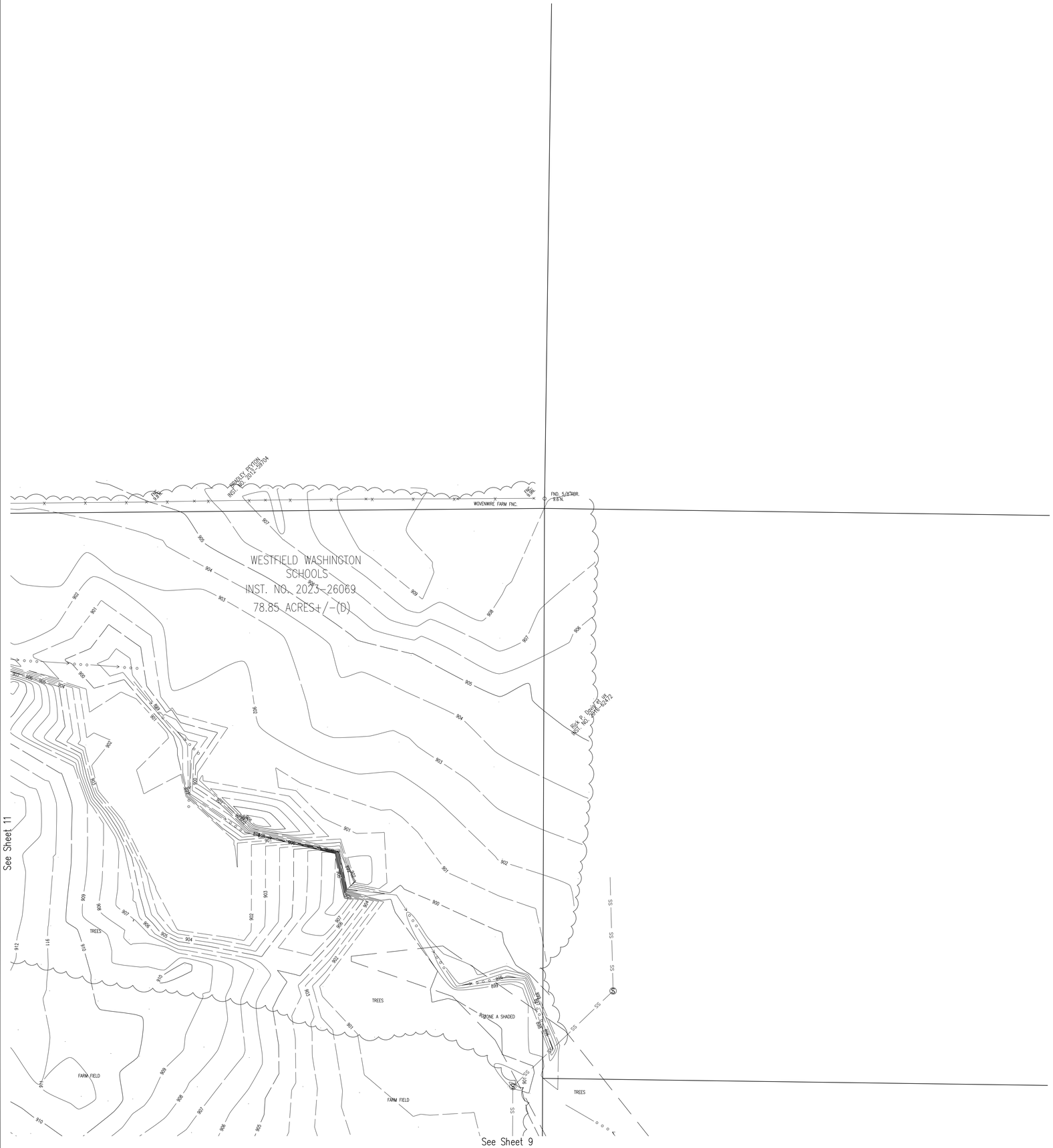
Local Township: WASHINGTON TWP., HAMILTON CO.
Section: 32-33 | Township: 19-N | Range: 3-E
Record Owner: NOTED ON THE SURVEY

Scale: 1" = 40'

Sheet No. 110F12

Project Number: 230069-30000

O:\2023\230069\30000\cad\230069-30000 Westfield Wash Schools Topo -C.dwg, August 18, 2023, MATT QUILLEN, © Paul I. Cripe, Inc.



0 20 40 80

SCALE: 1"=40'

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— T — T —	TELEPHONE LINE (AERIAL)		STREET LIGHT
— CTV— CTV—	CABLE TELEVISION (AERIAL)		LIGHT POLE
— BTC— BTC—	BURIED TELE. CABLE		FLOOD LIGHT
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Topographic Survey
Westfield - Centtenial

WESTFIELD WASHINGTON SCHOOLS
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WESTFIELD, INDIANA 46074
PHONE: FAX:

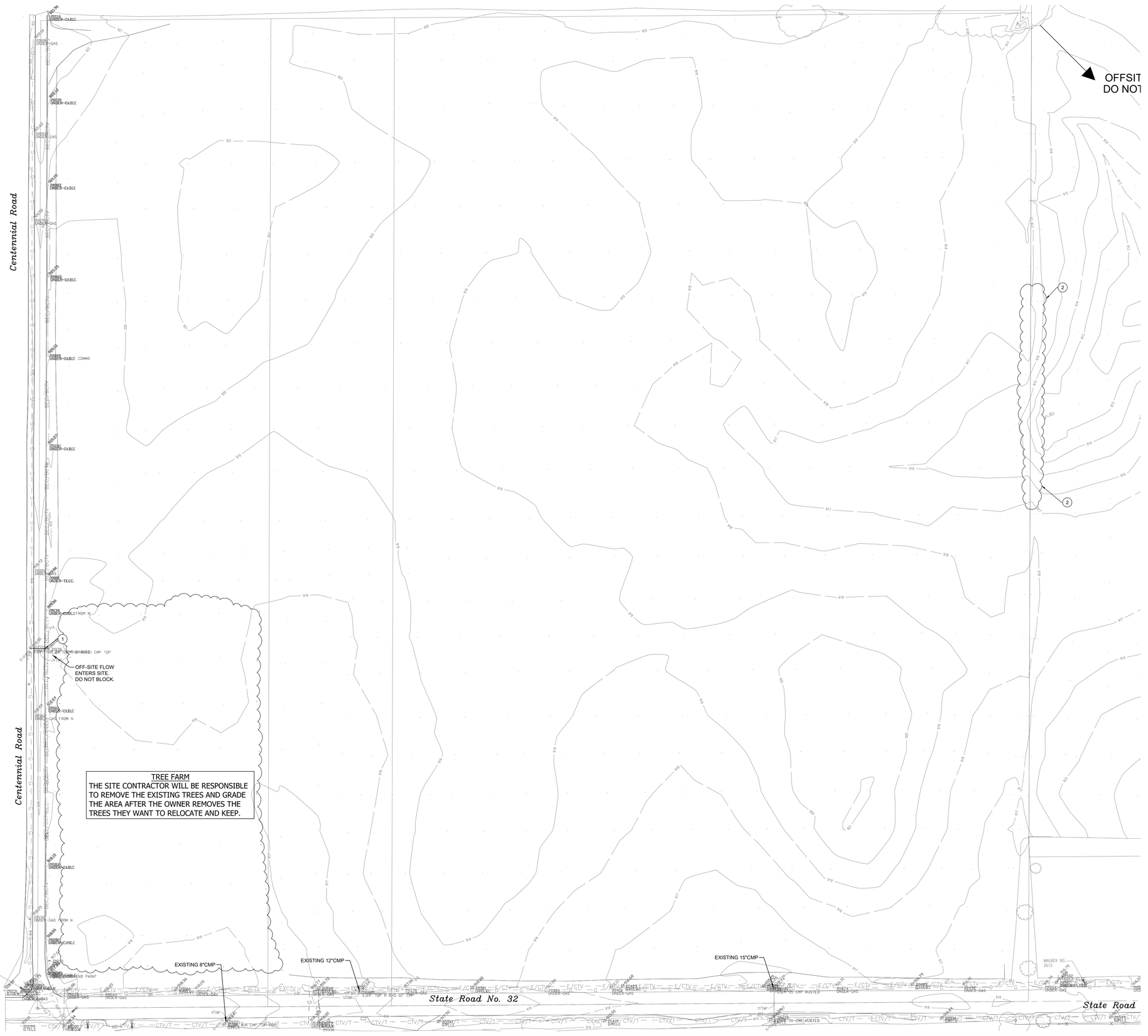
Land Survey: WASHINGTON TWP., HAMILTON CO.
Section: 32-33 | Township: 19-N | Range: 3-E
Record Owner: NOTED ON THE SURVEY

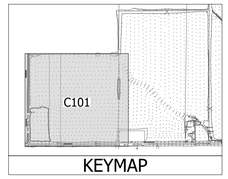
Scale: 1" = 40'

Sheet No. 12OF12

Project Number 230069-30000

O:\2023\230069\30000\cad\230069-30000 W-Rd Wash Schools Topo -C.dwg, August 18, 2023, MATT QUILLEN, © Paul I. Cripe, Inc.





SCALE: 1" = 60'

DEMOLITION PLAN NOTES

1. EROSION CONTROL SHALL BE IN PLACE PRIOR TO ANY SOIL DISTURBANCE, INCLUDING PAVEMENT REMOVAL.
2. THE CONTRACTOR SHALL VERIFY THE LOCATION OF UNDERGROUND UTILITIES TO BE REMOVED, RELOCATED OR ABANDONED PRIOR TO COMMENCING DEMOLITION ACTIVITIES.
3. THE CONTRACTOR SHALL COORDINATE WORK ASSOCIATED WITH THE REMOVAL, RELOCATION OR ABANDONMENT OF UTILITIES WITH THE UTILITY COMPANY OR ENTITY HAVING OWNERSHIP OF EACH RESPECTIVE UTILITY. COSTS FOR DISCONNECTION, REMOVAL, AND/OR RELOCATION OF EXISTING UTILITIES AS SHOWN ON THE DRAWINGS OR AS NECESSARY TO ALLOW FOR EXECUTION OF THE WORK SHALL BE PAID BY THE CONTRACTOR.
4. NO OPEN BURNING SHALL BE PERMITTED ON THE SITE.
5. THE OWNER HAS FIRST SALVAGE RIGHTS ON ALL ITEMS REMOVED. IF OWNER FORFEITS RIGHTS, ALL DEMOLISHED MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE LEGALLY DISPOSED OF OFF-SITE UNLESS OTHERWISE SHOWN.
6. UNLESS SCHEDULED FOR DEMOLITION ON THE DRAWINGS, ALL TREES AND VEGETATION SHALL BE PROTECTED THROUGHOUT THE DURATION OF THE PROJECT. PROTECTIVE MEASURES SHALL INCLUDE INSTALLATION AND MAINTENANCE OF TREE PROTECTION FENCING TO BE LOCATED WHERE SHOWN AND AT THE DRIPLINE OF ALL TREES LOCATED WITHIN CLOSE PROXIMITY OF AREAS WHERE HEAVY EQUIPMENT WILL OPERATE.
7. A CLEAN, STRAIGHT EDGE SHALL BE SAWCUT BETWEEN ALL CONCRETE AND ASPHALT SURFACES SCHEDULED FOR DEMOLITION AND CONCRETE AND ASPHALT SURFACES TO REMAIN IN-PLACE.
8. TERMINAL ENDS OF UNDERGROUND UTILITIES ABANDONED IN-PLACE SHALL BE CUT, CAPPED AND PLUGGED. THE ENDS OF DISCONNECTED UNDERGROUND UTILITIES SHALL BE MARKED FOR FUTURE IDENTIFICATION WITH DETECTABLE LOCATOR TAPE OR A METAL ROD.
9. COORDINATE DEMOLITION WORK WITH NEW CONSTRUCTION ELSEWHERE ON THE PROJECT SITE.
10. ALL FOUNDATIONS, SLABS, STRUCTURAL STEEL, MASONRY, SIDEWALKS, RETAINING WALLS, CURBS, APPARATUSES, ETC., WITHIN DESIGNATED FOR REMOVAL SHALL BE DEMOLISHED ACCORDING TO SPECIFICATIONS. ALL DEMOLITION WITHIN PROPOSED FOOTPRINT SHALL BE COORDINATED WITH THE BUILDING DRAWINGS.
11. THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN SAFE ACCESS FOR PEDESTRIANS AND VEHICLE TRAFFIC. THE CONTRACTOR WILL MAINTAIN ALL UTILITY SERVICES TO ALL BUILDING SECTIONS. IF UTILITY SERVICES MUST BE INTERRUPTED, THE CONTRACTOR SHALL COORDINATE THAT SHUTDOWN TO MINIMIZE IMPACT TO THE BUILDING AND SCHOOL FACILITIES. COORDINATE SHUTDOWN AT LEAST ONE WEEK IN ADVANCE WITH BUSINESS, OWNER'S REPRESENTATIVE AND FACILITY MANAGER.
12. ALL EXISTING ON-SITE UTILITIES SHALL REMAIN UNLESS DESIGNATED FOR REMOVAL, OR UNLESS THEY INTERFERE WITH PROJECT CONSTRUCTION. CONTACT ENGINEER BEFORE REMOVING. CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES TO REMAIN.
13. EXISTING MANHOLES, CATCH BASINS, CLEANOUTS, VALVE BOXES, FRAMES COVERS AND GRATES REMAINING IN USE SHALL BE PROTECTED AND ADJUSTED TO FINAL GRADES.
14. REMOVE EXISTING UTILITIES ONLY AFTER CRITICAL NEW SYSTEMS ARE IN PLACE AND OPERATIONAL (I.E. STORM DRAINAGE, SERVICES TO EXISTING STRUCTURES). IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE PROPER REMOVAL, INCLUDING SAFE SEQUENCING OF UTILITY REMOVAL. CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AT ALL TIMES.
15. FOR ALL UTILITY LINES AND STRUCTURES DESIGNATED TO BE REMOVED, PLACE AND COMPACT STRUCTURAL BACKFILL WITHIN TRENCH/EXCAVATION.
16. SAWCUT INTEGRAL CURB & WALK AT NEAREST CONSTRUCTION JOINT WHEN ADJACENT INTEGRAL CURB & WALK IS TO REMAIN.
17. CONTRACTOR SHALL CUT CONCRETE AT NEAREST CONSTRUCTION JOINT.
18. CONTRACTOR WILL BE RESPONSIBLE TO REPAIR, REPLACE, AND/OR RECONNECT ANY EXISTING DRAINAGE TILES NOT SHOWN ON THE PLANS, WHICH CROSS THROUGH EXCAVATED TRENCHES. ANY DRAINAGE TILE ENCOUNTERED IS TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND A MEASUREMENT TAKEN FROM THE NEAREST MANHOLE OR INLET STRUCTURE TO THE CENTERLINE OF THE TILE.

DEMOLITION KEY NOTES

(1) EXISTING 24" CMP CULVERT TO BE REPLACED WITH CENTENNIAL ROAD CONSTRUCTION.

(2) REMOVE EXISTING TREES.

Know what's **below.**
Call before you dig.

APPROVAL PENDING NOT FOR CONSTRUCTION

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317.848.7800 | csoinc.net

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A&F ENGINEERING
Transportation & Site Engineering
Serving Central Indiana

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of construction to be employed in the project.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

DRAWING TITLE:
EXISTING CONDITIONS & DEMOLITION PLAN

CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
C101

PROJECT NUMBER
2023061

Z:\2023\2023GL-CONTEXT, NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\C101 EXISTING CONDITIONS & DEMOLITION PLAN.DWG plotted by STEVEN O'ROURKE on 6/14/2024 3:53:59 PM last saved by SOROURKE on 6/14/2024 3:00:35 PM
Xrefs: 23093L BASE TOPO.DWG & X36X24E.DWG


OFFSITE FLOW
DO NOT BLOCK
2
2
MAILBOX NO. 2615
State Road No. 32
EXISTING 24" CMP CULVERT
EXISTING 24" CMP CULVERT
EXISTING 24" CMP CULVERT

INDEX

SHEET NO.	SHEET DESIGNATION
C250	Index, General Notes, Typical Section and Tables
C251-C257	Plan and Profile

GENERAL NOTES

**	
**	
**	

VERIFICATION NOTE

Contractor shall verify all dimensions and clearances and all existing filed conditions before starting construction. Commencement of work constitutes acceptance of conditions.

Should different conditions be encountered, contact the engineer or designer before proceeding with work.

INDIANA DEPARTMENT OF TRANSPORTATION STANDARD DRAWINGS AND SPECIFICATIONS, CURRENT VERSIONS, CITY OF WESTFIELD CONSTRUCTION STANDARDS AND INDIANA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES TO BE USED WITH THESE ROAD PLANS.

811 Know what's below. Call before you dig.

LEGEND

(D) 4' Wide Stone Shoulder, Compacted INDOT #53 Stone, 8" Deep

(F) Sidewalk:
4" PCCP on
4" Compacted Aggregate, No. 53, Base

(K) Multi-Use Path:
3" HMA Surface, Type B, 12.5mm on
6" Compacted Aggregate, Base, Type "O", #53, Base

(R) Resurface HMA Pavement:
1.5"HMA Surface, Type B, 9.5mm on
Variable Depth Surface Milling

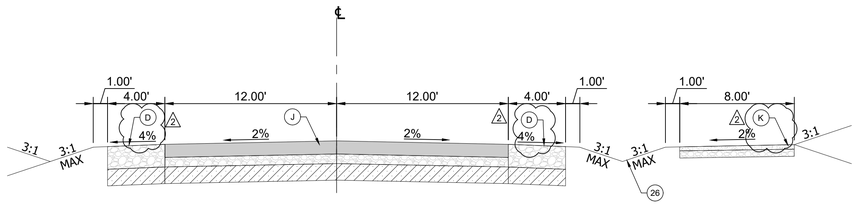
(15) Chair back curb and Gutter

(26) Seeding

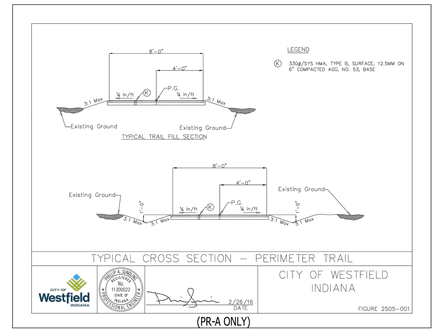
(J) Full Depth HMA Pavement:
1.5" HMA Surface, Type B, 9.5mm on
2.5" HMA Intermediate, Type B, 19.0mm on
2.5" HMA Base, Type B, 25.0mm on
6" Compacted Aggregate, #53 on
INDOT Subgrade Treatment Type IB

TYPICAL (2)
OMIT

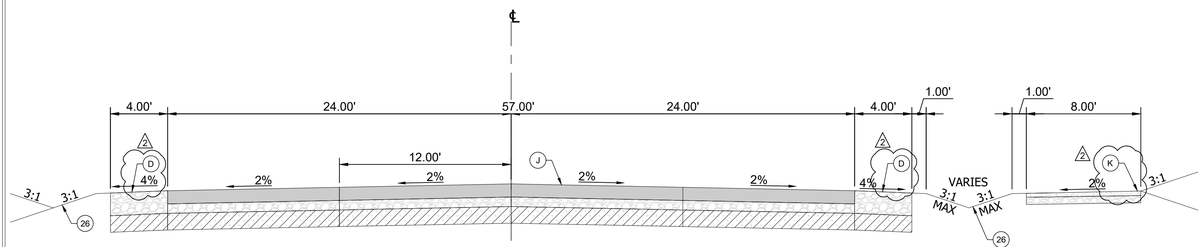
(L) See "L-SERIES" Plans for material



TYPICAL SECTION
Sta. 00+70.77 to Sta. 01+85.39 "PR-A"
SCALE 1" = 5'



(PR-A ONLY)



TYPICAL SECTION
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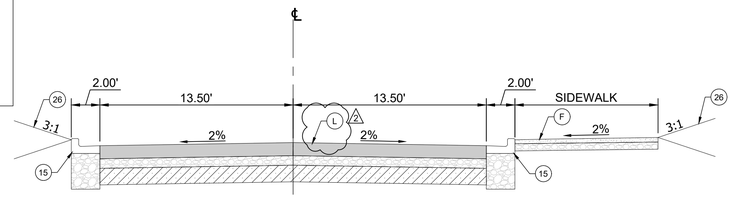
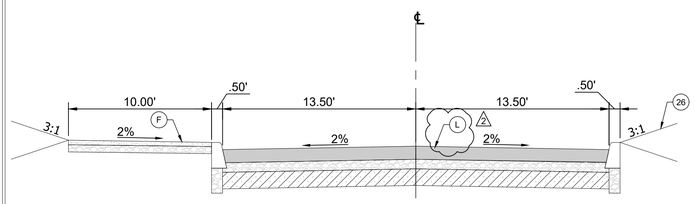
SCALE: 1" = 5'



TYPICAL SECTION
Sta. 00+66.57 to Sta. 03+39.87 "PR-C"
SCALE 1" = 5'
(PRIVATE INTERNAL ROAD)



TYPICAL SECTION
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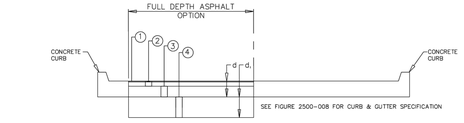
(PRIVATE DRIVE)



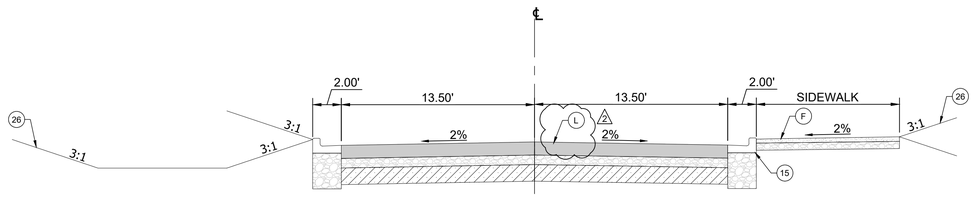
LOCAL AND COLLECTOR STREETS

	ASPHALT 1 d=12.5" q=14" d+q=26.5"	ASPHALT 2 d=12.5" q=12" d+q=24.5"
(1)	1.5" SURFACE 9.5 mm	1.5" SURFACE 9.5 mm
(2)	2.5" INTERM. 19 mm	2.5" INTERM. 19 mm
(3)	2.5" BINDER 19 mm	2.5" BINDER 19 mm
(4)	6" COMP. AGGR. (INDOT SIZE No. 53)	6" COMP. AGGR. (INDOT SIZE No. 53)
(5)	SUBGRADE TRMT. TYPE IB	SUBGRADE TRMT. TYPE IC

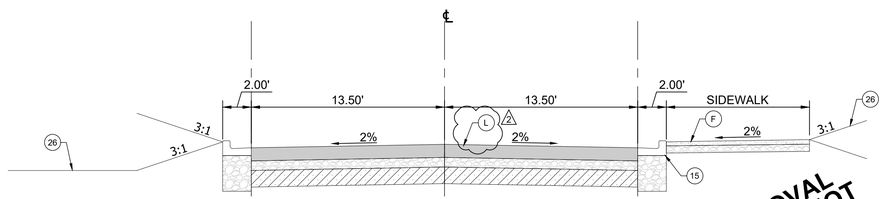
NOTE:
- CHEMICAL MODIFICATION SHALL BE IN ACCORDANCE WITH INDOTSS 215 AND 913.

TYPICAL PAVEMENT SECTION – LOCAL/COLLECTOR
CITY OF WESTFIELD, INDIANA
Jonathon M. Nail, Registered No. 11500005, State of Indiana, Professional Engineer
3/20/19 DATE
FIGURE 2500-002

(PR-A ONLY)



TYPICAL SECTION
Sta. 3+39.87 to Sta. 07+50.00 "PR-C"
SCALE 1" = 5'
(PRIVATE INTERNAL ROAD)



TYPICAL SECTION
Sta. 15+74.40 to Sta. 17+79.91 "PR-C"
SCALE 1" = 5'
(PRIVATE INTERNAL ROAD)

APPROVAL PENDING NOT FOR CONSTRUCTION

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Brett Hite
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317.848.7800 | csoinc.net

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A&F ENGINEERING
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project and the minimum standards for the construction of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the construction of the work.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024
2	ADDENDUM #3	06/21/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

DRAWING TITLE:
Index and Typ

CERTIFIED BY:
Karen K. Collins, Registered No. 10404538, State of Indiana, Professional Engineer

DRAWING NUMBER
C250

PROJECT NUMBER:
2023061

Z:\2023\2309JL-CONTEXT, NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\ROAD PLANS\DWG\2309JL-INDEX AND TYP.DWG plotted by STEVEN O'ROURKE on 6/20/2024 4:24:35 PM last saved by SOROURKE on 6/20/2024 4:23:38 PM
Xrefs: X36X24E.DWG & 2309JL-XLEG.DWG

LEGEND

INDOT DRIVEWAY APPROACH.
SEE DETAIL 610-DRIVE-04 ON SHEET C905

EXISTING CENTENNIAL ROAD HARD SCAPE

LEGEND

- (F) Sidewalk: 4" PCCP on 4" Compacted Aggregate, No. 53, Base
- (K) Full Depth HMA Pavement: 1.5" HMA Surface, Type B, 9.5mm on 2.5" HMA Intermediate, Type B, 19.0mm on 9" HMA Base, Type B, 25.0mm on 6" Compacted Aggregate, #53 on INDOT Subgrade Treatment Type IB
- (M) Multi-Use Path: 3" HMA Surface, Type B, 12.5mm on 6" Compacted Aggregate, Base, Type "O", #53, Base
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- (16) Chairback Curb
- (26) Seeding
- (46) Line, Thermoplastic, Solid, White, 4 IN.
- (47) 4 IN. Double Yellow Centerline, Thermoplastic, 4 IN. Gap
- Existing Pavement

SITE DEVELOPMENT PLAN NOTES

1. ALL DIMENSIONS ARE MEASURED TO THE FACE OF CURB, EDGE OF PAVEMENT OR THE FACE OF BUILDING UNLESS OTHERWISE SHOWN.
2. BEARINGS, DIMENSIONS AND EASEMENTS ARE SHOWN FOR REFERENCE. REFER TO RECORDED PLATS AND SURVEYS FOR ADDITIONAL PROPERTY INFORMATION.
3. REFER TO ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS AND DETAILS.
4. TRANSVERSE EXPANSION JOINTS ARE TO BE PROVIDED IN CONCRETE SIDEWALKS AND COMBINED WALKS/CURBS WHERE SHOWN AND AT INTERVALS NOT TO EXCEED 12 x THE WIDTH OF THE WALK.
5. EXPANSION JOINTS SHALL BE INSTALLED IN CONCRETE PAVEMENTS AND WALKS AT ALL LOCATIONS WHERE PAVEMENTS AND WALKS ABUT A VERTICAL SURFACE SUCH AS A CURB, WALL, COLUMN, ETC.
6. CONTRACTION JOINTS SHALL BE PROVIDED AT EQUAL INTERVALS BETWEEN EXPANSION JOINTS IN CONCRETE WALKS. INSTALL CONTRACTION JOINTS AS SHOWN BUT IN NO CASE AT INTERVALS GREATER THAN 1.5 x THE WIDTH OF THE WALK.

811 Know what's **below.** **Call** before you dig.

GENERAL SITE NOTES

1. THE CONTRACTOR SHALL ENSURE THAT ALL NECESSARY PERMITS AND APPROVALS HAVE BEEN OBTAINED FROM AGENCIES HAVING JURISDICTION OVER THE WORK PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL OBTAIN AND PAY THE COST OF ALL PERMITS THAT HAVE NOT BEEN SECURED BY THE OWNER.
2. THE CONTRACTOR SHALL COMPLY WITH THE CONSTRUCTION SAFETY STANDARDS AS ISSUED BY THE U.S. DEPARTMENT OF LABOR OCCUPATIONAL HEALTH AND SAFETY ADMINISTRATION AS SET FORTH IN FINAL RULE 29, PART 1926, WHERE SUCH REGULATIONS APPLY TO THE WORK.
3. LOCATIONS OF UTILITIES SHOWN WITHIN THESE PLANS ARE BASED UPON INFORMATION OBTAINED FROM UTILITY COMPANIES OR THEIR REPRESENTATIVES AND FIELD EVIDENCE OF IMPROVEMENTS VISIBLE ON THE GROUND SURFACE. EXACT LOCATIONS OF UNDERGROUND UTILITIES HAVE NOT BEEN VERIFIED. THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES AND REQUEST FIELD LOCATIONS OF SUCH WITHIN THE WORK AREA PRIOR TO COMMENCING EXCAVATION ACTIVITIES. THE CONTRACTOR SHALL REPORT ANY VARIATIONS FROM THE LOCATIONS SHOWN THAT MAY PRESENT A CONFLICT WITH EXECUTION OF THE WORK TO THE ENGINEER IN ADVANCE OF CONSTRUCTION.
4. THE CONTRACTOR SHALL COORDINATE WITH THE RESPECTIVE UTILITY COMPANIES AND SHALL PAY THE COST OF PROTECTION, RELOCATION, REMOVAL, CONNECTION, AND/OR RECONNECTION OF UTILITIES AS NECESSARY FOR EXECUTION OF THE WORK.
5. MATERIALS AND WORKMANSHIP SHALL COMPLY WITH ALL APPLICABLE CODES, SPECIFICATIONS, LOCAL ORDINANCES, INDUSTRY STANDARDS AND UTILITY COMPANY REGULATIONS.
6. IF IT WILL BE NECESSARY TO RELOCATE EXISTING UTILITIES, THE EXPENSE OF SUCH RELOCATION SHALL BE THE RESPONSIBILITY OF THE DEVELOPER. ALL UTILITY POLES SHALL BE LOCATED WITHIN ONE FOOT OF THE PROPOSED RIGHT-OF-WAY.
7. NO EARTH DISTURBING ACTIVITY MAY COMMENCE WITHOUT AN APPROVED STORM WATER MANAGEMENT PERMIT.
8. ALL DIMENSIONS ARE TO FACE OF CURB, EDGE OF PAVEMENT OR FACE OF BUILDING

SCALE: 1" = 20'

0+00 1+00 2+00 3+00 4+00 5+00 6+00

B/M DISK "D112" EL.=918.81 (88)

FUTURE 50' HALF ROW

21.59' FROM EX ROW TO GRADING LIMITS

Begin Project Sta. 0+00.00 "PR-A"

50.00' TRANSITION TO EXISTING

APPARENT EXISTING ROW

2.52' FROM EX ROW TO GRADING LIMITS

Centennial Road

GRADING LIMITS

PRE-CAST CONC. HEADWALL W/ APRON

End Taper 5+00.35 12.00' Lt. EL: 921.68

100.00' TRANSITION

Begin Taper 6+00.31 24.00' Lt. EL: 922.01

PR-A

Line "Centennial RD PR-A"

End Taper 4+07.67 24.00' Rt. EL: 920.86

Begin Taper 3+97.63 12.00' Rt. EL: 920.47

EXISTING ROW

300 LF SWALE @ 1%

893 INV=917.80

100.00' TRANSITION

39 LF SWALE @ 1.1%

NEW 24" HIGH X 5'-WIDE BOX CULVERT

Begin Curb 6+21.73 24.00' Rt. EL: 922.07

160 LF SWALE @ 1%

PROP 50' ROW

8' MULTI-USE PATH

INSTALL RISER RINGS AND NEENAH R-2553 CASTING OVER BOX CULVERT (CORE INTO BOX CUVERT)

PRE-CAST CONC. HEADWALL W/ APRON

INV: 917.60

891 RIM=920.91

INV: 917.60

920.5 Ft

FUTURE IMPROVEMENTS BY OTHERS

75.00'

APPROVAL PENDING NOT FOR CONSTRUCTION

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317.848.7800 | csoinc.net

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

1	ADDENDUM #2	06/17/2024
2	ADDENDUM #3	06/21/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

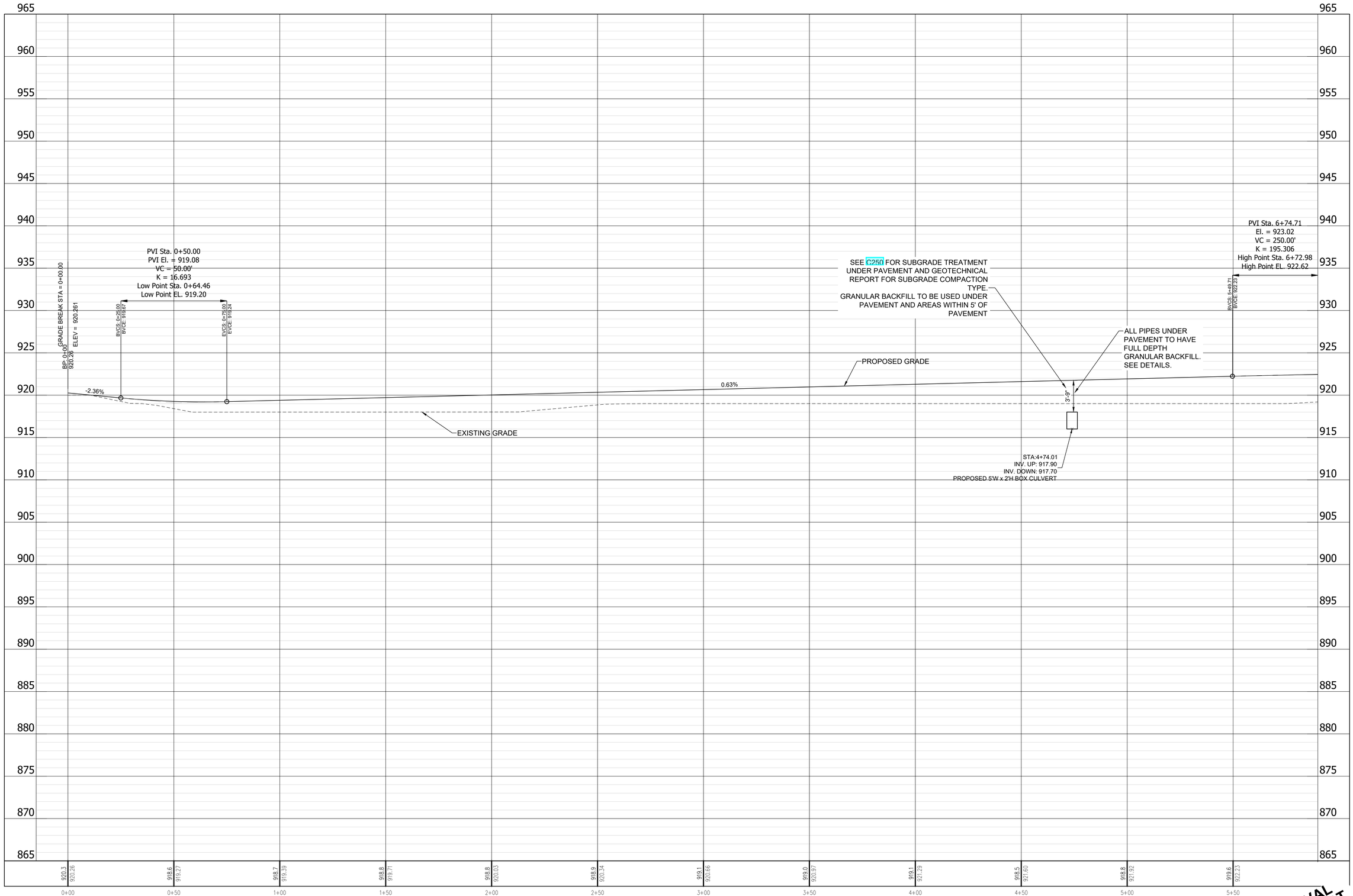
DRAWING TITLE:
PLAN "PR-A" STA. 00+00 TO STA. 5+80

CERTIFIED BY:
KAREN K. COLLINS REGISTERED No. 10404538 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWING NUMBER
C251

PROJECT NUMBER
2023061

Z:\2023\23093L--CONTEXT, NEW WESTFIELD MIDDLE SCHOOL--WEST\DWGS\ROAD PLANS\DWG\23093L-PLAN.DWG plotted by STEVEN O'ROURKE on 6/21/2024 10:26:45 AM
Xrefs: 23093L BASE TOPO.DWG & 23093L BASE SITE.DWG & X3612746.DWG & 23093L L-SBE.DWG & 23093L-XLEG.DWG & 23093L_BUS LOT.DWG & 23093L_STRUCTURE POINT.DWG & 23093L_SITE ELECTRIC.DWG



APPROVAL PENDING NOT FOR CONSTRUCTION

SCALE: H: 1" = 20'
V: 1" =5'

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Brett Hite
work: (317) 848-7800
email: BHite@csoinc.net
8881 Keystone Crossing, Indianapolis, IN 46240
317.848.7800 | csoinc.net
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
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1	ADDENDUM #2	06/17/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

DRAWING TITLE:
PROFILE
"PR-A"
STA. 00+00
TO
STA. 05+80

CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
C252

PROJECT NUMBER
2023061

Z:\2021\23093L-CONTEXT, NEW WESTFIELD MIDDLE SCHOOL--WEST\DWGS\ROAD PLANS\DWG\23093L-PROFILE.DWG plotted by STEVEN O'ROURKE on 6/13/2024 7:59:01 PM last saved by SOROURKE on 6/13/2024 7:46:44 PM
Xrefs: 23093L BASE TOPO.DWG & 23093L BASE SITE.DWG & X-REF24E.DWG & 23093L L-SB.DWG & 23093L_BUS LOT.DWG & 23093L_SITE ELECTRIC.DWG

LEGEND

INDOT DRIVEWAY APPROACH.
SEE DETAIL 610-DRIVE-04 ON SHEET C900

EXISTING CENTENNIAL ROAD HARD SCAPE

LEGEND

- (F) Sidewalk: 4" PCCP on 4" Compacted Aggregate, No. 53, Base
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3. REFER TO ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS AND DETAILS.
4. TRANSVERSE EXPANSION JOINTS ARE TO BE PROVIDED IN CONCRETE SIDEWALKS AND COMBINED WALKS/CURBS WHERE SHOWN AND AT INTERVALS NOT TO EXCEED 12 x THE WIDTH OF THE WALK.
5. EXPANSION JOINTS SHALL BE INSTALLED IN CONCRETE PAVEMENTS AND WALKS AT ALL LOCATIONS WHERE PAVEMENTS AND WALKS ABUT A VERTICAL SURFACE SUCH AS A CURB, WALL, COLUMN, ETC.
6. CONTRACTION JOINTS SHALL BE PROVIDED AT EQUAL INTERVALS BETWEEN EXPANSION JOINTS IN CONCRETE WALKS. INSTALL CONTRACTION JOINTS AS SHOWN BUT IN NO CASE AT INTERVALS GREATER THAN 1.5 x THE WIDTH OF THE WALK.

811 Know what's below. Call before you dig.

GENERAL SITE NOTES

1. THE CONTRACTOR SHALL ENSURE THAT ALL NECESSARY PERMITS AND APPROVALS HAVE BEEN OBTAINED FROM AGENCIES HAVING JURISDICTION OVER THE WORK PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL OBTAIN AND PAY THE COST OF ALL PERMITS THAT HAVE NOT BEEN SECURED BY THE OWNER.
2. THE CONTRACTOR SHALL COMPLY WITH THE CONSTRUCTION SAFETY STANDARDS AS ISSUED BY THE U.S. DEPARTMENT OF LABOR OCCUPATIONAL HEALTH AND SAFETY ADMINISTRATION AS SET FORTH IN FINAL RULE 29, PART 1926, WHERE SUCH REGULATIONS APPLY TO THE WORK.
3. LOCATIONS OF UTILITIES SHOWN WITHIN THESE PLANS ARE BASED UPON INFORMATION OBTAINED FROM UTILITY COMPANIES OR THEIR REPRESENTATIVES AND FIELD EVIDENCE OF IMPROVEMENTS VISIBLE ON THE GROUND SURFACE. EXACT LOCATIONS OF UNDERGROUND UTILITIES HAVE NOT BEEN VERIFIED. THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES AND REQUEST FIELD LOCATIONS OF SUCH WITHIN THE WORK AREA PRIOR TO COMMENCING EXCAVATION ACTIVITIES. THE CONTRACTOR SHALL REPORT ANY VARIATIONS FROM THE LOCATIONS SHOWN THAT MAY PRESENT A CONFLICT WITH EXECUTION OF THE WORK TO THE ENGINEER IN ADVANCE OF CONSTRUCTION.
4. THE CONTRACTOR SHALL COORDINATE WITH THE RESPECTIVE UTILITY COMPANIES AND SHALL PAY THE COST OF PROTECTION, RELOCATION, REMOVAL, CONNECTION, AND/OR RECONNECTION OF UTILITIES AS NECESSARY FOR EXECUTION OF THE WORK.
5. MATERIALS AND WORKMANSHIP SHALL COMPLY WITH ALL APPLICABLE CODES, SPECIFICATIONS, LOCAL ORDINANCES, INDUSTRY STANDARDS AND UTILITY COMPANY REGULATIONS.
6. IF IT WILL BE NECESSARY TO RELOCATE EXISTING UTILITIES, THE EXPENSE OF SUCH RELOCATION SHALL BE THE RESPONSIBILITY OF THE DEVELOPER. ALL UTILITY POLES SHALL BE LOCATED WITHIN ONE FOOT OF THE PROPOSED RIGHT-OF-WAY.
7. NO EARTH DISTURBING ACTIVITY MAY COMMENCE WITHOUT AN APPROVED STORM WATER MANAGEMENT PERMIT.
8. ALL DIMENSIONS ARE TO FACE OF CURB, EDGE OF PAVEMENT OR FACE OF BUILDING

0 20' 40'

SCALE: 1" = 20'

7+00 8+00 9+00 10+00 11+00 12+00

℄ 6+75.31 PR-B

℄ 11+89.18 PR-C

FUTURE 50' HALF ROW

75.00' 75.00' 100.00' TRANSITION

Begin Taper 8+50.31 12.00' Lt. EL: 921.75

5.59' FROM EX ROW TO GRADING LIMITS

APPARENT EXISTING ROW

GRADING LIMITS

End Taper 10+14.22 12.00' Lt. EL: 922.46

100.00' TRANSITION

Begin Taper 11+14.18 24.00' Lt. EL: 922.82

12.31' FROM EX ROW TO GRADING LIMITS

150.00'

Centennial Road

12' PASSING BLISTER

End Taper 7+50.31 24.00' Lt. EL: 921.99

PR-A

Line "Centennial RD PR-A"

End Curb 7+38.98 23.99' Rt. EL: 922.03

Begin Curb 11+28.13 24.02' Rt. EL: 922.86

End Curb 12+44.12 24.00' Rt. EL: 922.74

R40.00'

160 LF SWALE @ 0.9%

225 LF SWALE @ 0.9%

EXISTING ROW

8' MULTI-USE PATH

PROP 50' ROW

755 RIM=920.37

752 RIM=921.

750 RIM=921.82

751 RIM=921.94

754 RIM=921.50

753 RIM=921.20

749 RIM=921.20

748 INV =917.50

83 LF SWALE @ 2.0%

21 LF SWALE @ 1.4%

21 LF SWALE @ 1.4%

VEGETATED SWALE

Line "PR-C"

APPROVAL PENDING NOT FOR CONSTRUCTION

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A&F ENGINEERING
Transportation & Site Engineering
Craig Carter Anne Fike

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. The Contract Documents supplement the drawings and describe all work required for full performance and completion of the requirements of the Contract.
Any work that may be inferred from the general scope indicated or described in the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024
2	ADDENDUM #3	06/21/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

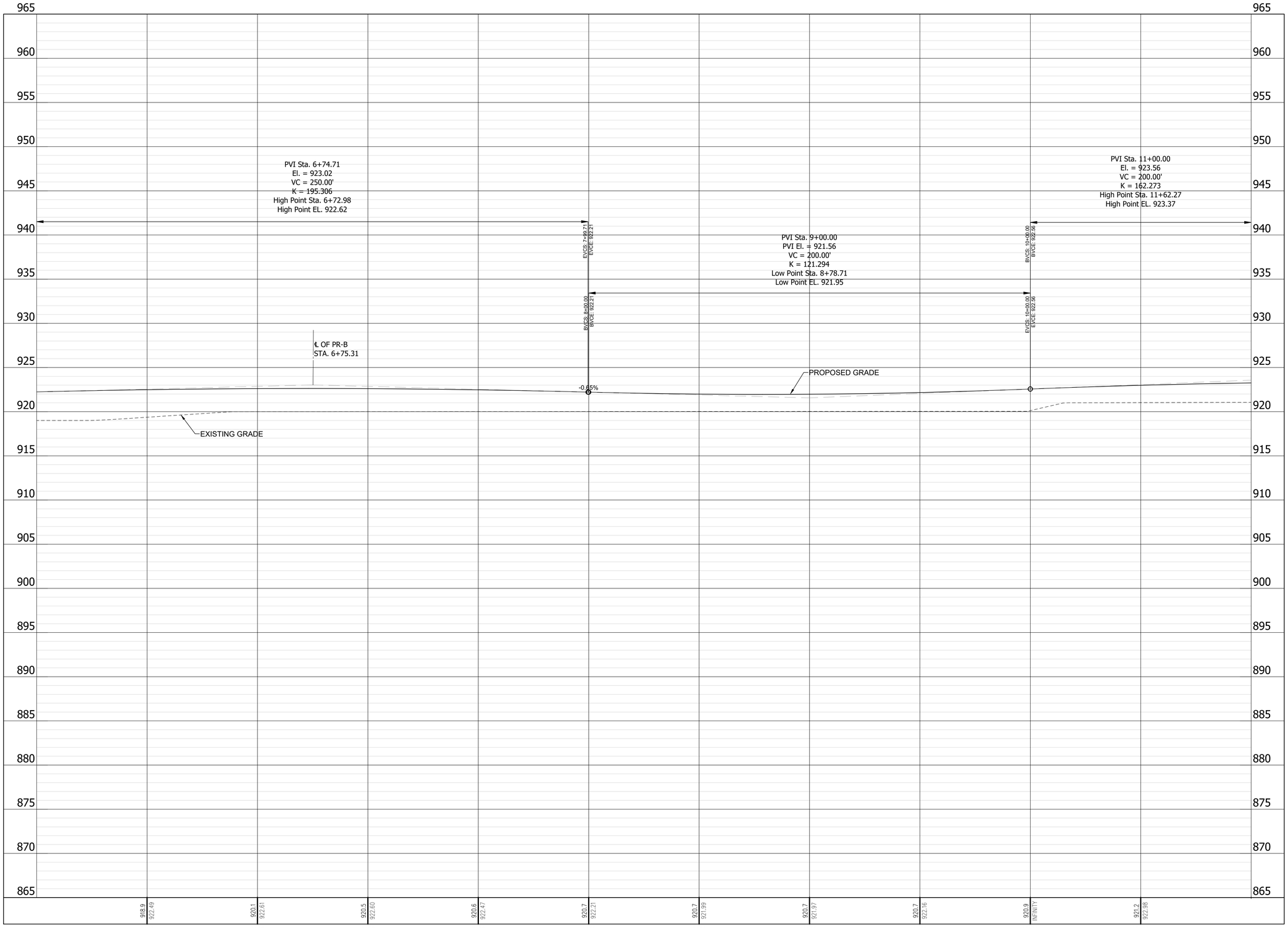
DRAWING TITLE:
PLAN
"PR-A"
STA. 05+50
TO
STA. 11+00

CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
C253

PROJECT NUMBER:
2023061

Z:\2023\2309JL-CONTEXT, NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\ROAD PLANS\DWG\2309JL-PLAN.DWG plotted by STEVEN O'ROURKE on 6/21/2024 10:28:10 AM last saved by SOROURKE on 6/21/2024 10:28:45 AM
Xrefs: 2309JL_BASE TOPO.DWG & 2309JL_BASE SITE.DWG & X36X24E.DWG & 2309JL_L-SB.DWG & 2309JL_XLEG.DWG & 2309JL_BUS LOT.DWG & 2309JL_STRUCTURE POINT.DWG & 2309JL_SITE ELECTRIC.DWG



SCALE: H: 1" = 20'
V: 1" =5'

APPROVAL PENDING NOT FOR CONSTRUCTION

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Brett Hite
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email: BHite@csoinc.net
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

DRAWING TITLE:
PROFILE
"PR-A"
STA. 05+50
TO
STA. 11+00

CERTIFIED BY:
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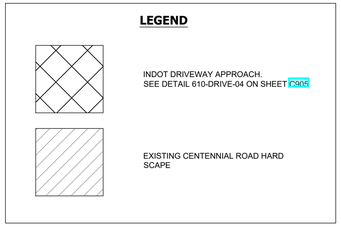
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER
Karen Collins

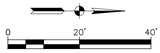
DRAWING NUMBER
C254

PROJECT NUMBER
2023061

Z:\2023\23093L-CONTEXT, NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\ROAD PLANS\DWG\23093L-PROFILE.DWG plotted by STEVEN O'ROURKE on 6/14/2024 7:17:00 AM last saved by SOROURKE on 6/13/2024 7:46:44 PM
Xrefs: 23093L BASE TOPO.DWG & 23093L BASE SITE.DWG & X36X24E.DWG & 23093L L-SB.DWG & 23093L_BUS LOT.DWG & 23093L_SITE ELECTRIC.DWG







SCALE: 1" = 20'

LEGEND

- (F) Sidewalk: 4" PCCP on 4" Compacted Aggregate, No. 53, Base
- (K) Full Depth HMA Pavement: 1.5" HMA Surface, Type B, 9.5mm on 2.5" HMA Intermediate, Type B, 19.0mm on 9" HMA Base, Type B, 25.0mm on 6" Compacted Aggregate, #53 on INDOT Subgrade Treatment Type IB
- (M) Multi-Use Path: 3" HMA Surface, Type B, 12.5mm on 6" Compacted Aggregate, Base, Type "O", #53, Base
- (R) Resurface HMA Pavement: 1.5"HMA Surface, Type B, 9.5mm on Variable Depth Surface Milling
- (16) Chairback Curb
- (26) Seeding
- (46) Line, Thermoplastic, Solid, White, 4 IN.
- (47) 4 IN. Double Yellow Centerline, Thermoplastic, 4 IN. Gap
- Existing Pavement

GENERAL SITE NOTES

1. THE CONTRACTOR SHALL ENSURE THAT ALL NECESSARY PERMITS AND APPROVALS HAVE BEEN OBTAINED FROM AGENCIES HAVING JURISDICTION OVER THE WORK PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL OBTAIN AND PAY THE COST OF ALL PERMITS THAT HAVE NOT BEEN SECURED BY THE OWNER.
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3. LOCATIONS OF UTILITIES SHOWN WITHIN THESE PLANS ARE BASED UPON INFORMATION OBTAINED FROM UTILITY COMPANIES OR THEIR REPRESENTATIVES AND FIELD EVIDENCE OF IMPROVEMENTS VISIBLE ON THE GROUND SURFACE. EXACT LOCATIONS OF UNDERGROUND UTILITIES HAVE NOT BEEN VERIFIED. THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES AND REQUEST FIELD LOCATIONS OF SUCH WITHIN THE WORK AREA PRIOR TO COMMENCING EXCAVATION ACTIVITIES. THE CONTRACTOR SHALL REPORT ANY VARIATIONS FROM THE LOCATIONS SHOWN THAT MAY PRESENT A CONFLICT WITH EXECUTION OF THE WORK TO THE ENGINEER IN ADVANCE OF CONSTRUCTION.
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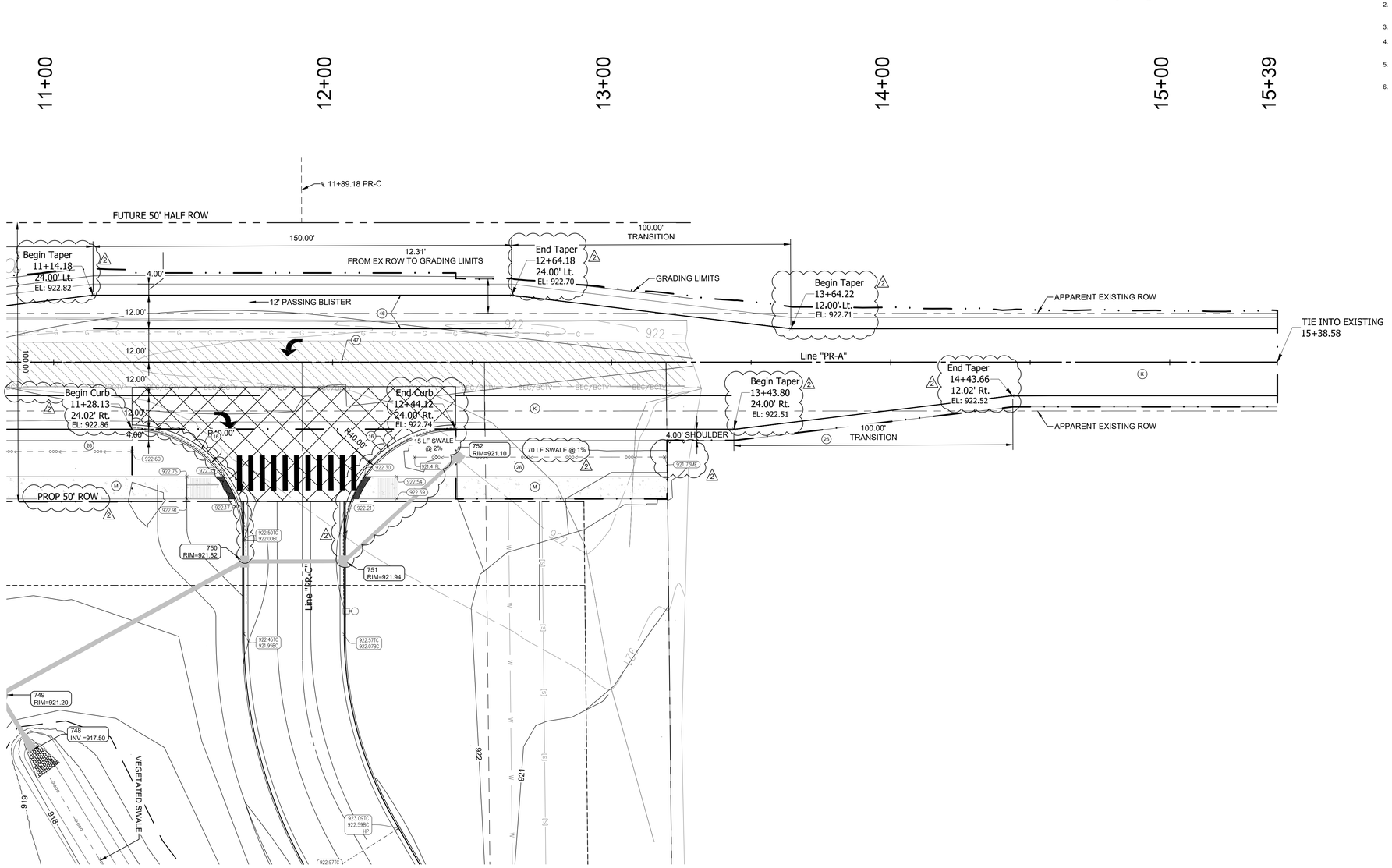
8. ALL DIMENSIONS ARE TO FACE OF CURB, EDGE OF PAVEMENT OR FACE OF BUILDING

SITE DEVELOPMENT PLAN NOTES

1. ALL DIMENSIONS ARE MEASURED TO THE FACE OF CURB, EDGE OF PAVEMENT OR THE FACE OF BUILDING UNLESS OTHERWISE SHOWN.
2. BEARINGS, DIMENSIONS AND EASEMENTS ARE SHOWN FOR REFERENCE. REFER TO RECORDED PLATS AND SURVEYS FOR ADDITIONAL PROPERTY INFORMATION.
3. REFER TO ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS AND DETAILS.
4. TRANSVERSE EXPANSION JOINTS ARE TO BE PROVIDED IN CONCRETE SIDEWALKS AND COMBINED WALKS/CURBS WHERE SHOWN AND AT INTERVALS NOT TO EXCEED 12 x THE WIDTH OF THE WALK.
5. EXPANSION JOINTS SHALL BE INSTALLED IN CONCRETE PAVEMENTS AND WALKS AT ALL LOCATIONS WHERE PAVEMENTS AND WALKS ABUT A VERTICAL SURFACE SUCH AS A CURB, WALL, COLUMN, ETC.
6. CONTRACTION JOINTS SHALL BE PROVIDED AT EQUAL INTERVALS BETWEEN EXPANSION JOINTS IN CONCRETE WALKS. INSTALL CONTRACTION JOINTS AS SHOWN BUT IN NO CASE AT INTERVALS GREATER THAN 1.5 x THE WIDTH OF THE WALK.



APPROVAL PENDING NOT FOR CONSTRUCTION

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A&F ENGINEERING
Transportation & Site Engineering
Closing Gaps Since 1966

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the relationship of the building to site, the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for the performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the Contractor shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024
2	ADDENDUM #3	06/21/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

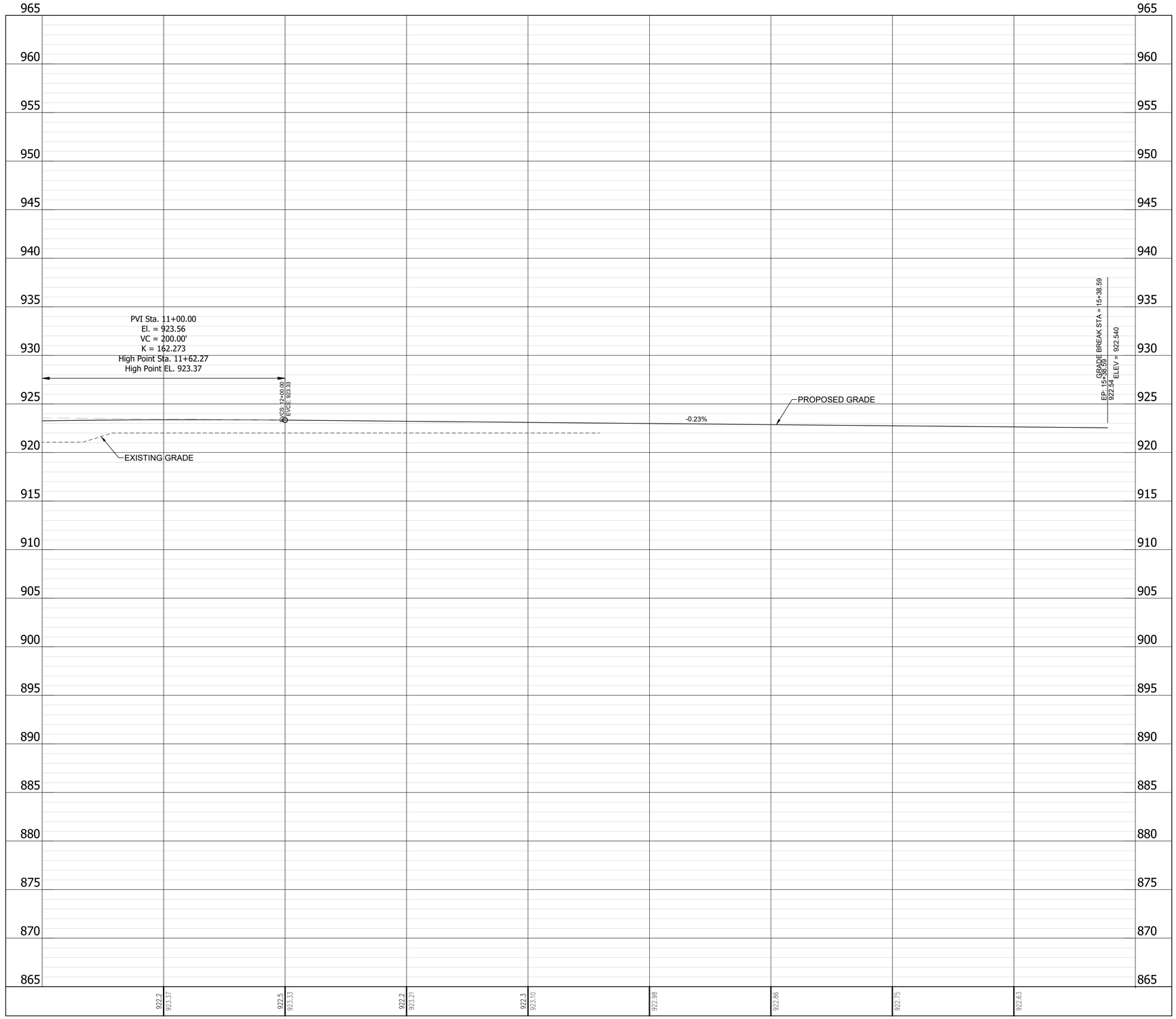
DRAWING TITLE:
PLAN
"PR-A"
STA. 11+00
TO
STA. 15+39

CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER
Karen Collins

DRAWING NUMBER
C255

PROJECT NUMBER
2023061

Z:\2021\23093L-CONTEXT, NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\ROAD PLANS\DWG\23093L-PLAN.DWG plotted by NICHOLAS MACK on 6/21/2024 12:51:45 PM last saved by NMACK on 6/21/2024 12:51:30 PM
Xrefs: 23093L_BASE TOPO.DWG & 23093L_BASE SITE.DWG & X-REV24E.DWG & 23093L_L-SBI.DWG & 23093L_BUS LOT.DWG & 23093L_XLEG.DWG & 23093L_STRUCTURE POINT.DWG & 23093L_SITE ELECTRIC.DWG



SCALE: H: 1" = 20'
V: 1" =5'

APPROVAL PENDING NOT FOR CONSTRUCTION

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Brett Hite
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317.848.7800 | csoinc.net

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Transportation & Site Engineering
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
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REVISIONS:

1	ADDENDUM #2	06/17/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

DRAWING TITLE:
PROFILE
"PR-A"
STA. 11+00
TO
STA. 15+39

CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER
Karen Collins

DRAWING NUMBER
C256

PROJECT NUMBER
2023061

Z:\2023\2309JL-CONTEXT, NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\ROAD PLANS\DWG\2309JL-PROFILE.DWG plotted by STEVEN O'ROURKE on 6/14/2024 7:13:19 AM last saved by SOROURKE on 6/13/2024 7:46:44 PM
Xrefs: 2309JL BASE TOPO.DWG & 2309JL BASE SITE.DWG & X36X24E.DWG & 2309JL L-SB.DWG & 2309JL BUS LOT.DWG & 2309JL_SITE ELECTRIC.DWG

LEGEND

INDOT DRIVEWAY APPROACH.
SEE DETAIL 610-DRIVE-04 ON SHEET C900

EXISTING CENTENNIAL ROAD HARD SCAPE

GRADING PLAN LEGEND

LINE TYPE / SYMBOL	DESCRIPTION	LINE TYPE / SYMBOL	DESCRIPTION
772.40ME	MATCH EXISTING		SWALE
772.40	PAVEMENT SPOT GRADE		POND BOTTOM
772.40	LAWN SPOT GRADE		POND CONTOUR
772.40	FLOW LINE SPOT GRADE		POND NORMAL POOL
772.40	TOP OF WALL SPOT GRADE	F.F.E.	FINISHED FLOOR ELEVATION
772.00	BOTTOM OF WALL SPOT GRADE	HP	HIGH POINT
771.20 770.70	TOP OF CURB AND BOTTOM OF CURB	LP	LOW POINT
1.00%	FLOW DIRECTION w/GRADE	801	INTERMEDIATE CONTOUR
3:1	H:V RATIO GRADE	800	INDEX CONTOUR
INV.=800.50	PIPE INVERT ELEVATION		GRADE BREAK
FR	FLOOD ROUTE		EXISTING INTERMEDIATE CONTOUR
			EXISTING INDEX CONTOUR
			S.S.D.

GRADING NOTES

1. TOPSOIL SHALL BE STRIPPED FROM ALL AREAS TO RECEIVE PAVING AND FROM WITHIN THE LIMITS OF PROPOSED BUILDINGS AND STRUCTURES. TOPSOIL SHALL BE STRIPPED TO THE DEPTH SHOWN IN THE GEOTECHNICAL REPORT, OR TO A DEPTH OF 6 INCHES, WHICHEVER IS GREATER.
2. TOPSOILSHALL BE PLACED TO A DEPTH OF 4 TO 6 INCHES IN ALL AREAS TO BE SEEDED OR SODDED PER THE SPECIFICATIONS.
3. EXCESS TOPSOIL MAY BE PLACED IN MOUNDING AREAS AND NONSTRUCTURAL FILL AREAS AS AVAILABLE.
4. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE SEEDED OR SODDED UNLESS OTHERWISE SHOWN.
5. FINAL GRADES AT THE PROJECT BOUNDARY SHALL MATCH EXISTING ELEVATIONS UNLESS OTHERWISE SHOWN.
6. THE CONTRACTOR SHALL PERFORM AN EARTHWORK QUANTITY ANALYSIS PRIOR TO COMMENCING CONSTRUCTION TO CONFIRM SUCH QUANTITIES WITH THE ENGINEER. ADJUSTMENTS TO PROPOSED FINISH GRADES BASED UPON THE EARTHWORK QUANTITY ANALYSIS SHALL BE APPROVED BY THE ENGINEER.

0 20' 40'
SCALE: 1" = 20'

Know what's below. Call before you dig.

SANI INV. = 914.8

FFE = 924

PROPOSED MIDDLE SCHOOL

FFE = 924

816 RIM=921.29
815 RIM=921.56
814 RIM=922.29
818 RIM=922.29
817 RIM=921.90
819 RIM=923.01
820 RIM=922.59
821 RIM=922.87
822 RIM=922.34
823 RIM=921.90
824 RIM=921.50
813 RIM=920.29
825 RIM=919.00
891 RIM=920.91

0+00.00
0+50.00
1+00.00
1+50.00
2+00.00
2+50.00
3+00.00
3+50.00
4+00.00
4+50.00

79 LF SWALE @ 1.8%
195 LF SWALE @ 0.9%
45 LF SWALE @ 0.9%
80 LF SWALE @ 2.2%

100.00'
26.00'

NEW 24" HIGH X 5'-WIDE BOX CULVERT
NEW 24" HIGH x 6' WIDE BOX CULVERT W/ PRECAST APRONS & HEADWALL
PRE-CAST CONC. HEADWALL W/ APRON
PRE-CAST CONC. HEADWALL W/ APRON
INSTALL RISER RINGS AND NEENAH R-2553 CASTING OVER BOX CULVERT (CORE INTO BOX CULVERT)

APPROVAL PENDING NOT FOR CONSTRUCTION

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings are a graphic representation of the project in terms of architectural design, giving the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for the completion and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the contractor is to provide all labor and materials for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024
2	ADDENDUM #4	06/26/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

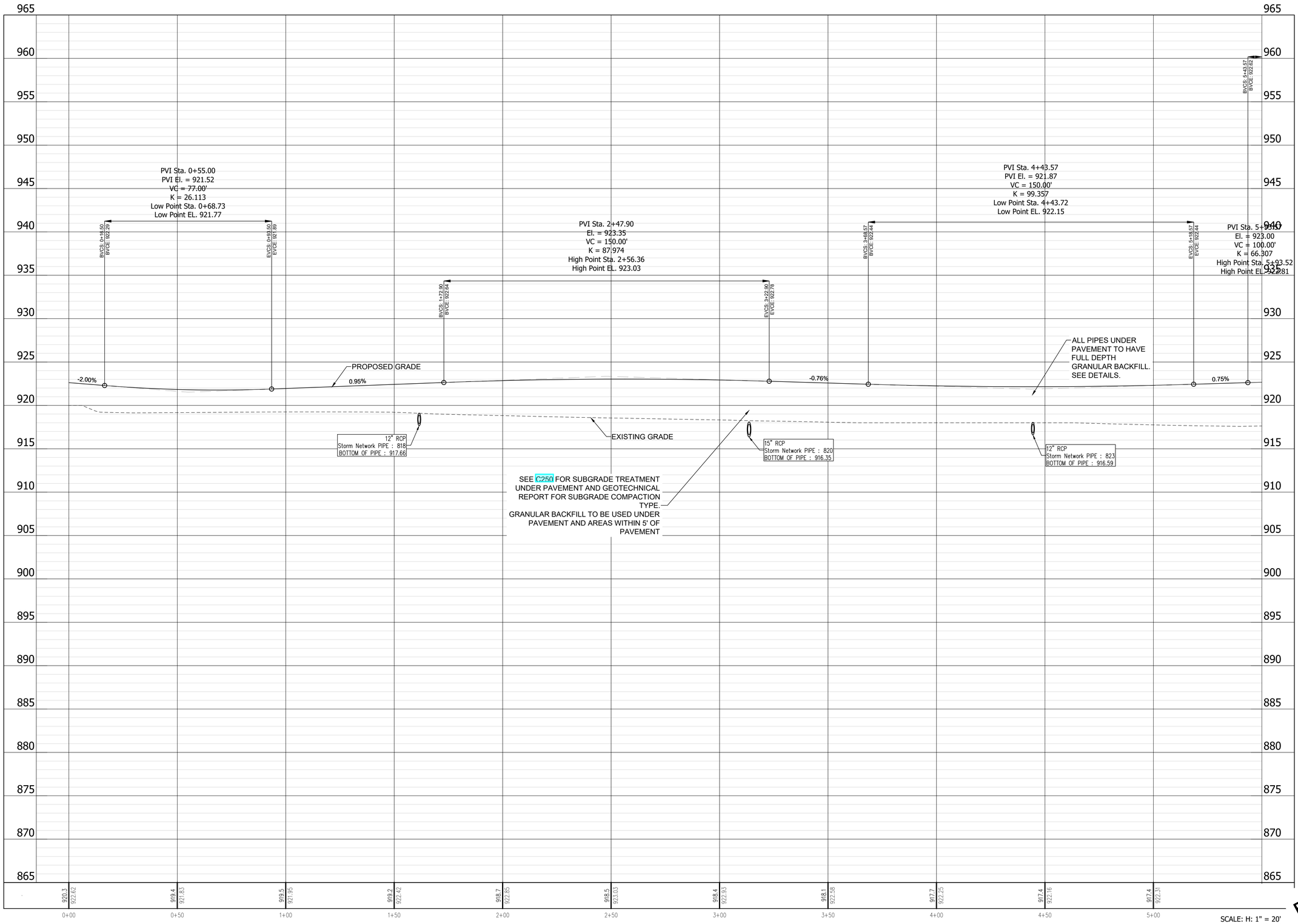
DRAWING TITLE:
PLAN
"PR-B"
STA. 00+00
TO
STA. 05+00

CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
C257

PROJECT NUMBER
2023061

Z:\2023\23093L--CONTEXT; NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\ROAD PLANS\DWG\23093L_PLAN.DWG plotted by STEVEN O'ROURKE on 6/26/2024 4:16:23 PM last saved by SOROURKE on 6/21/2024 3:08:21 PM
Xrefs: 23093L BASE TOPO.DWG & 23093L BASE SITE.DWG & X36X24E.DWG & 23093L L-SB.DWG & 23093L--XLEG.DWG & 23093L_BUS LOT.DWG & 23093L_STRUCTURE POINT.DWG & 23093L_SITE ELECTRIC.DWG & 23093L_ARCH BASE.DWG



SCALE: H: 1" = 20'
V: 1" =5'

APPROVAL PENDING NOT FOR CONSTRUCTION

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A&F ENGINEERING
Transportation & Site Engineering
Creating Order Since 1966

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
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REVISIONS:

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ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

DRAWING TITLE:
PROFILE
"PR-B"
STA. 00+00
TO
STA. 5+50

CERTIFIED BY:
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Karen Collins

DRAWING NUMBER
C258

PROJECT NUMBER
2023061

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Xrefs: 23093L BASE TOPO.DWG & 23093L BASE SITE.DWG & X36X24E.DWG & 23093L L-SB.DWG & 23093L_BUS LOT.DWG & 23093L_SITE ELECTRIC.DWG

LEGEND

INDOT DRIVEWAY APPROACH.
SEE DETAIL 610-DRIVE-04 ON SHEET C900

EXISTING CENTENNIAL ROAD HARD SCAPE

GRADING PLAN LEGEND

LINE TYPE / SYMBOL	DESCRIPTION	LINE TYPE / SYMBOL	DESCRIPTION
772.40ME	MATCH EXISTING		SWALE
772.40	PAVEMENT SPOT GRADE		POND BOTTOM
772.40	LAWN SPOT GRADE		POND CONTOUR
772.40	FLOW LINE SPOT GRADE		POND NORMAL POOL
772.40	TOP OF WALL SPOT GRADE	F.F.E.	FINISHED FLOOR ELEVATION
772.00	BOTTOM OF WALL SPOT GRADE	HP	HIGH POINT
771.20 / 770.70	TOP OF CURB AND BOTTOM OF CURB	LP	LOW POINT
1.00%	FLOW DIRECTION w/GRADE	801	INTERMEDIATE CONTOUR
3:1	H:V RATIO GRADE	800	INDEX CONTOUR
INV.=800.50	PIPE INVERT ELEVATION		GRADE BREAK
FR	FLOOD ROUTE		EXISTING INTERMEDIATE CONTOUR
			EXISTING INDEX CONTOUR
			S.S.D.

GRADING NOTES

1. TOPSOIL SHALL BE STRIPPED FROM ALL AREAS TO RECEIVE PAVING AND FROM WITHIN THE LIMITS OF PROPOSED BUILDINGS AND STRUCTURES. TOPSOIL SHALL BE STRIPPED TO THE DEPTH SHOWN IN THE GEOTECHNICAL REPORT, OR TO A DEPTH OF 6 INCHES, WHICHEVER IS GREATER.
2. TOPSOILSHALL BE PLACED TO A DEPTH OF 4 TO 6 INCHES IN ALL AREAS TO BE SEEDED OR SODDED PER THE SPECIFICATIONS.
3. EXCESS TOPSOIL MAY BE PLACED IN MOUNDING AREAS AND NONSTRUCTURAL FILL AREAS AS AVAILABLE.
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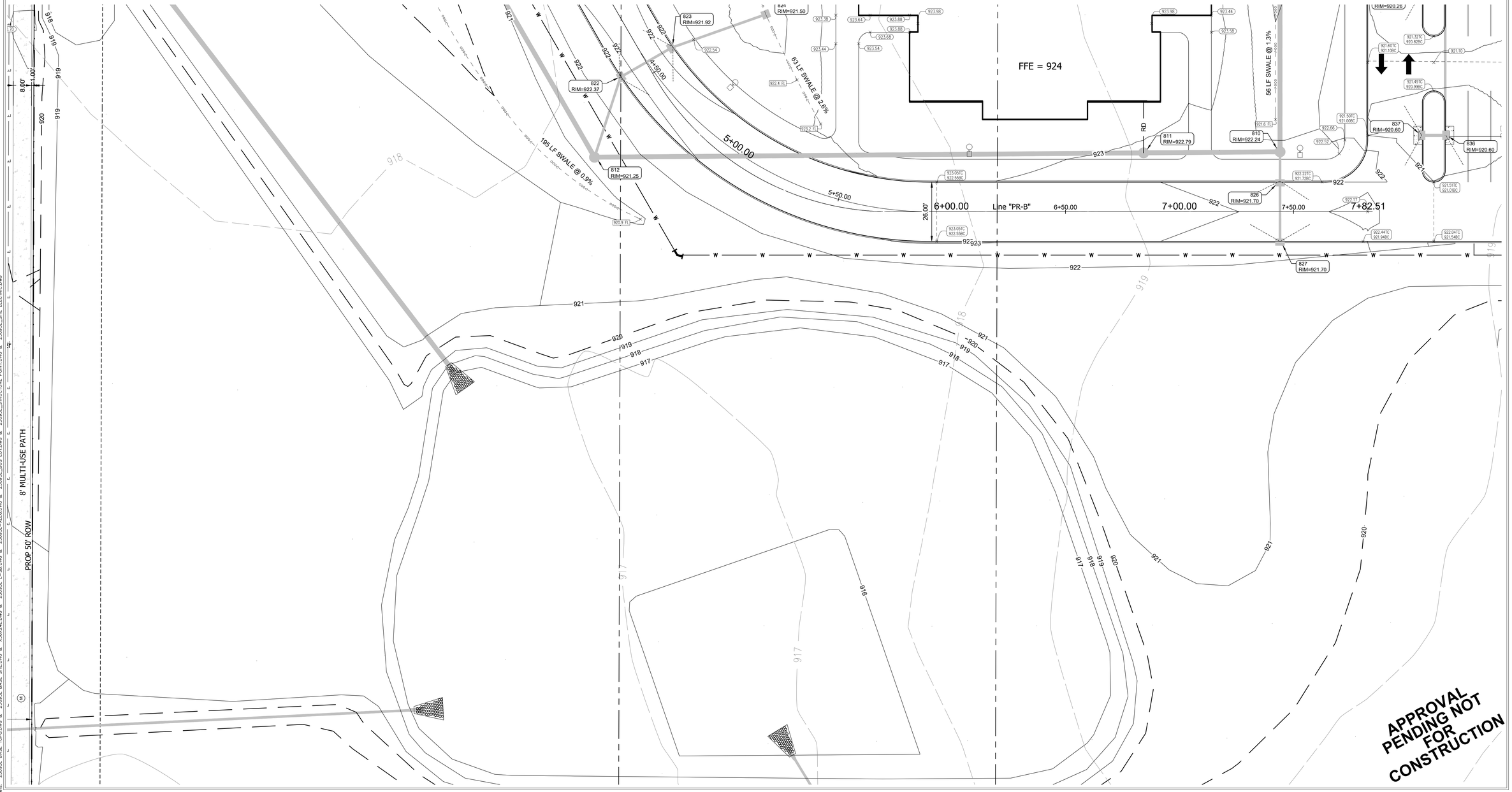
6. THE CONTRACTOR SHALL PERFORM AN EARTHWORK QUANTITY ANALYSIS PRIOR TO COMMENCING CONSTRUCTION TO CONFIRM SUCH QUANTITIES WITH THE ENGINEER. ADJUSTMENTS TO PROPOSED FINISH GRADES BASED UPON THE EARTHWORK QUANTITY ANALYSIS SHALL BE APPROVED BY THE ENGINEER.

0 20' 40'
SCALE: 1" = 20'

811 Know what's below. Call before you dig.



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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of demolition and new work. They indicate the size of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings and specifications together describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

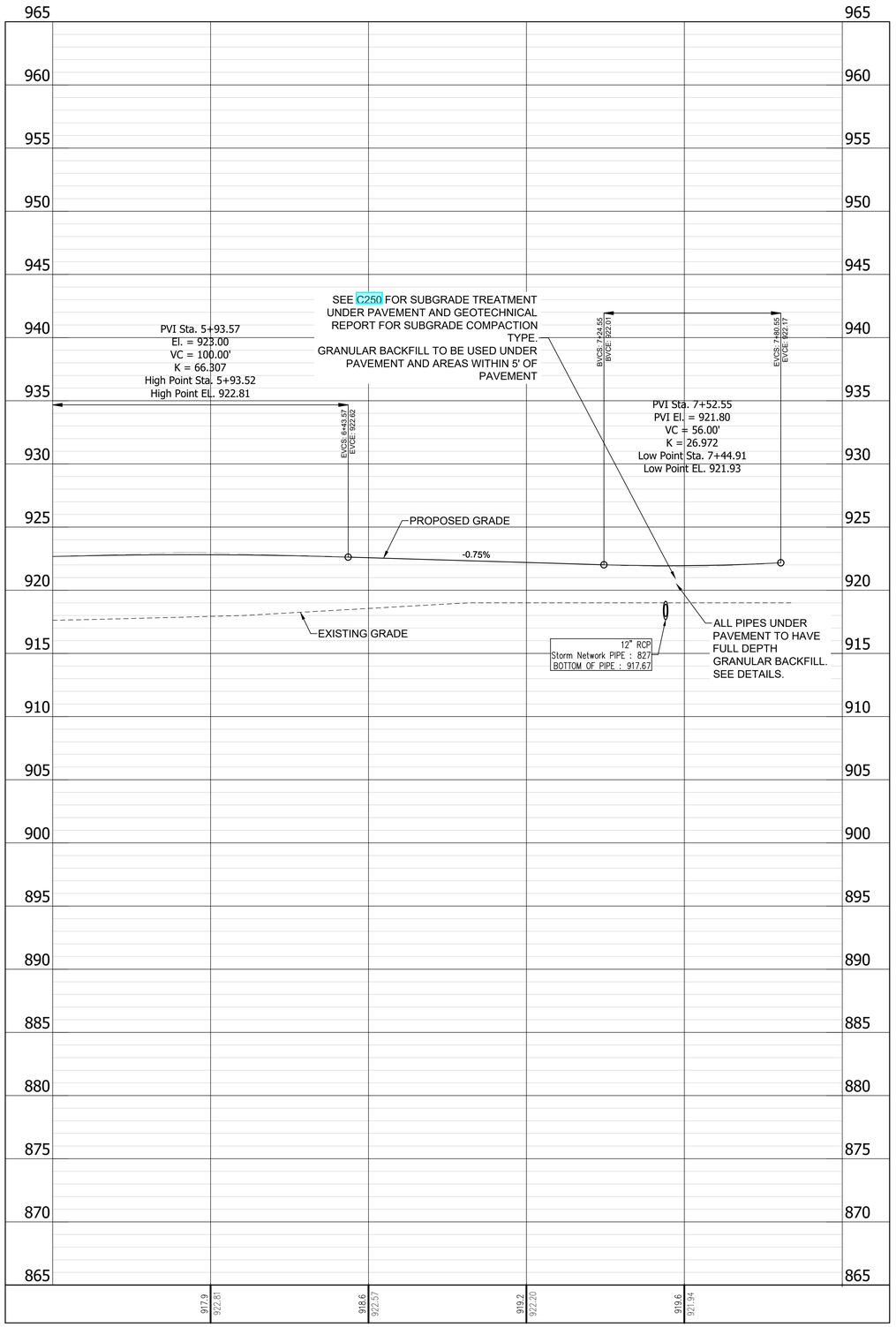
DRAWING TITLE:
PLAN
"PR-B"
STA. 05+00
TO
STA. 07+91

CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
C259

PROJECT NUMBER
2023061

Z:\2023\2309JL-CONTEXT, NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\ROAD PLANS\DWG\2309JL-PLAN.DWG plotted by STEVEN O'ROURKE on 6/14/2024 3:36:39 PM
Xrefs: 2309JL BASE TOPO.DWG & 2309JL BASE SITE.DWG & X86X24E.DWG & 2309JL L-SB.DWG & 2309JL-ALEC.DWG & 2309JL_BUS LOT.DWG & 2309JL_STRUCTURE POINT.DWG & 2309JL_SITE ELECTRIC.DWG



SCALE: H: 1" = 20'
V: 1" =5'

APPROVAL PENDING NOT FOR CONSTRUCTION

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Brett Hite
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

1	ADDENDUM #2	06/17/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

DRAWING TITLE:
PROFILE
"PR-B"
STA. 5+50
TO
STA. 7+91

CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER
Karen Collins

DRAWING NUMBER
C260

PROJECT NUMBER
2023061

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LEGEND

INDOT DRIVEWAY APPROACH.
SEE DETAIL 610-DRIVE-04 ON SHEET C900

EXISTING CENTENNIAL ROAD HARD SCAPE

GRADING PLAN LEGEND

LINE TYPE / SYMBOL	DESCRIPTION	LINE TYPE / SYMBOL	DESCRIPTION
772.40ME	MATCH EXISTING		SWALE
772.40	PAVEMENT SPOT GRADE		POND BOTTOM
772.40	LAWN SPOT GRADE		POND CONTOUR
772.40	FLOW LINE SPOT GRADE		POND NORMAL POOL
772.40	TOP OF WALL SPOT GRADE	F.F.E.	FINISHED FLOOR ELEVATION
772.00	BOTTOM OF WALL SPOT GRADE	HP	HIGH POINT
771.20 770.70	TOP OF CURB AND BOTTOM OF CURB	LP	LOW POINT
1.00%	FLOW DIRECTION w/GRADE	801	INTERMEDIATE CONTOUR
3:1	H:V RATIO GRADE	800	INDEX CONTOUR
INV.=800.50	PIPE INVERT ELEVATION		GRADE BREAK
FR	FLOOD ROUTE		EXISTING INTERMEDIATE CONTOUR
			EXISTING INDEX CONTOUR
			S.S.D.

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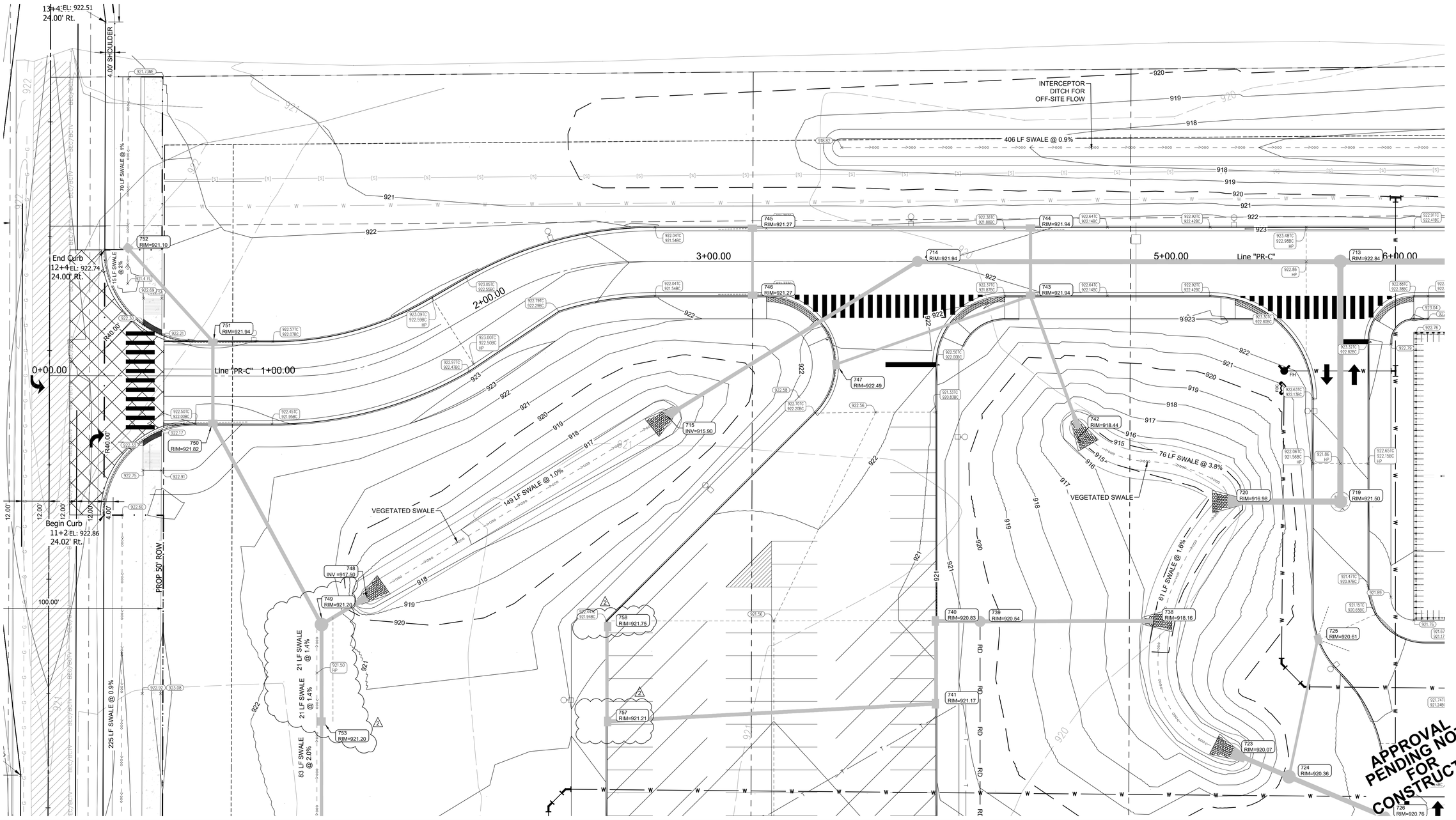
0 20' 40'
SCALE: 1" = 20'

Know what's below. Call before you dig.



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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural, structural, and MEP systems of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The Contract Documents are complementary to describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

DRAWING TITLE:
PLAN
"PR-C"
STA. 00+00
TO
STA. 06+00

CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
C261

PROJECT NUMBER
2023061

Z:\2023\2309JL-CONTEXT, NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\ROAD PLANS\DWG\2309JL-PLAN.DWG plotted by STEVEN O'ROURKE on 6/21/2024 2:53:49 PM last saved by SOROURKE on 6/21/2024 2:10:07 PM
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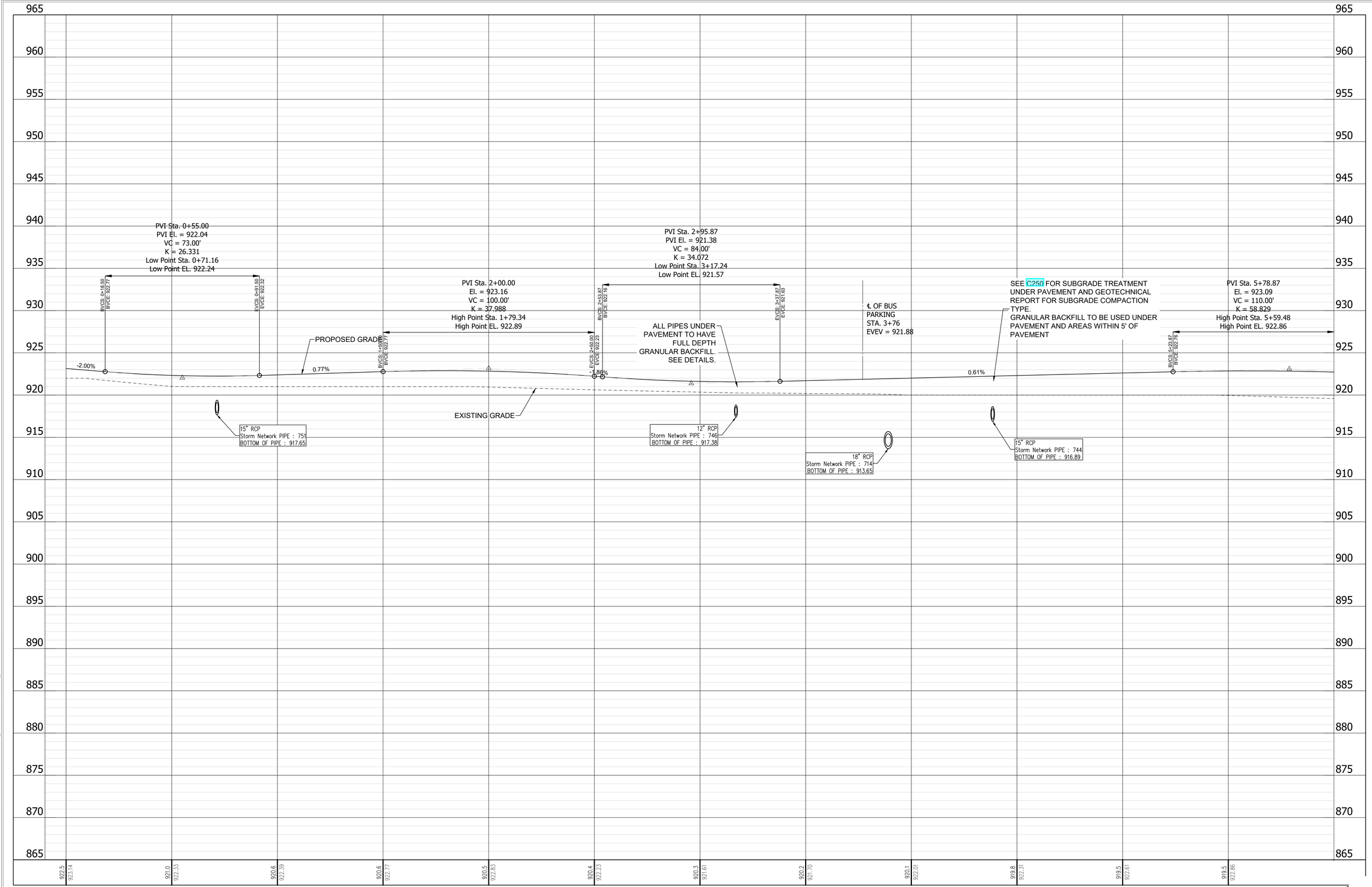

SCALE: H: 1" = 20'
V: 1" =5'

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building and the general arrangement of spaces and the type of structural, mechanical and electrical systems.
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On the basis of the general scope indicated or described the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

DRAWING TITLE:
PROFILE
"PR-C"
STA. 00+00
TO
STA. 06+00

CERTIFIED BY:
KAREN K. COLLINS
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No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
C262

PROJECT NUMBER
2023061

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LEGEND

INDOT DRIVEWAY APPROACH.
SEE DETAIL 610-DRIVE-04 ON SHEET C901

EXISTING CENTENNIAL ROAD HARD SCAPE

GRADING PLAN LEGEND

LINE TYPE / SYMBOL	DESCRIPTION	LINE TYPE / SYMBOL	DESCRIPTION
772.40ME	MATCH EXISTING		SWALE
772.40	PAVEMENT SPOT GRADE		POND BOTTOM
772.40	LAWN SPOT GRADE		POND CONTOUR
772.40	FLOW LINE SPOT GRADE		POND NORMAL POOL
772.40	TOP OF WALL SPOT GRADE	F.F.E.	FINISHED FLOOR ELEVATION
772.40	BOTTOM OF WALL SPOT GRADE	HP	HIGH POINT
772.00	TOP OF CURB AND BOTTOM OF CURB	LP	LOW POINT
771.20 / 770.70	FLOW DIRECTION w/GRADE	801	INTERMEDIATE CONTOUR
1.00%	H:V RATIO GRADE	800	INDEX CONTOUR
3:1	PIPE INVERT ELEVATION		GRADE BREAK
INV.=800.50	FLOOD ROUTE		EXISTING INTERMEDIATE CONTOUR
FR			EXISTING INDEX CONTOUR
			S.S.D.

GRADING NOTES

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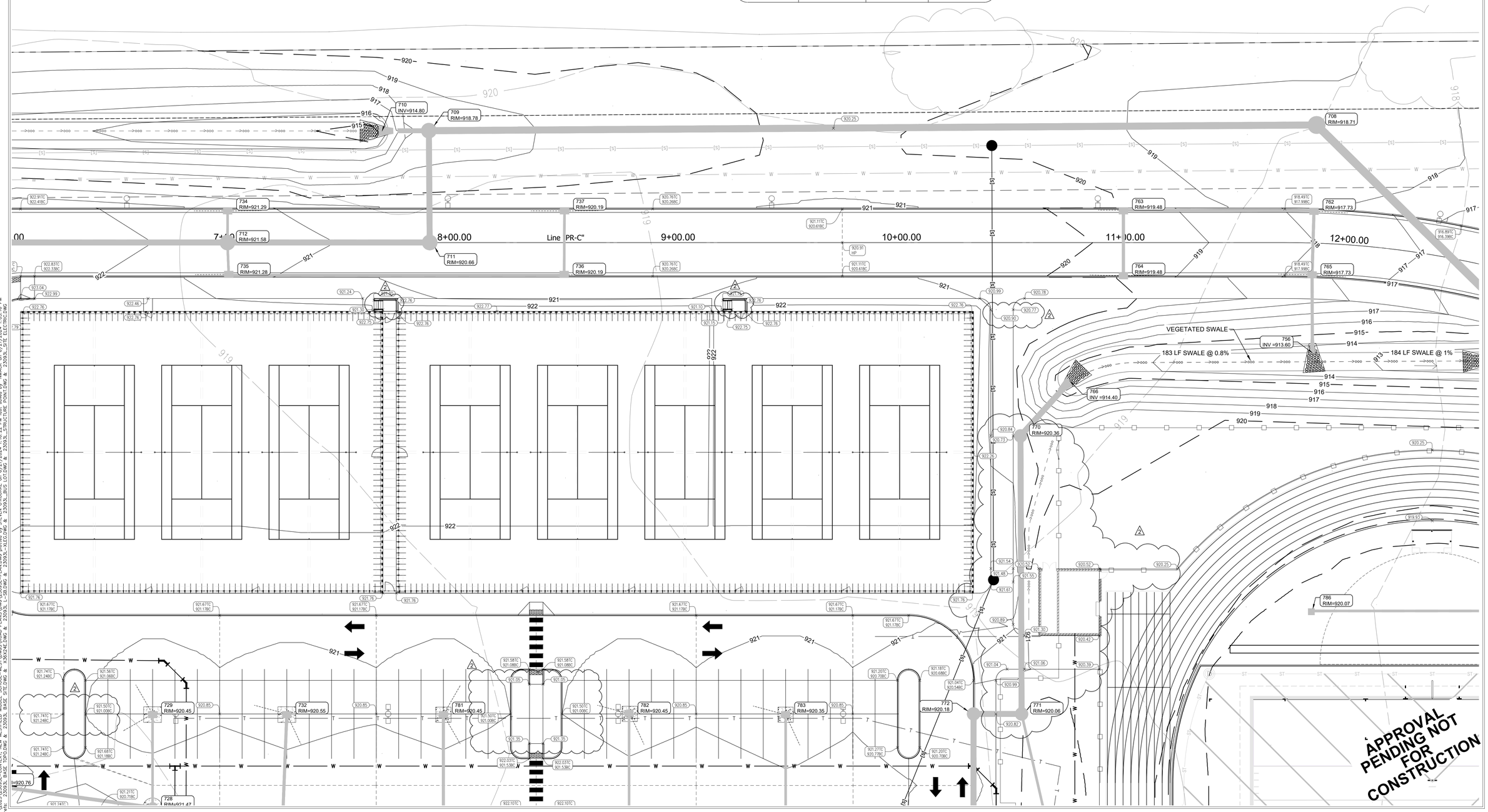
0 20' 40'

SCALE: 1" = 20'

APPROVAL PENDING NOT FOR CONSTRUCTION



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Brett Hite
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of demolition, new construction, the relationship of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
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REVISIONS:

1	ADDENDUM #2	06/17/2024
2	ADDENDUM #3	06/21/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

DRAWING TITLE:
PLAN
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STA. 12+00

CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
C263

PROJECT NUMBER:
2023061

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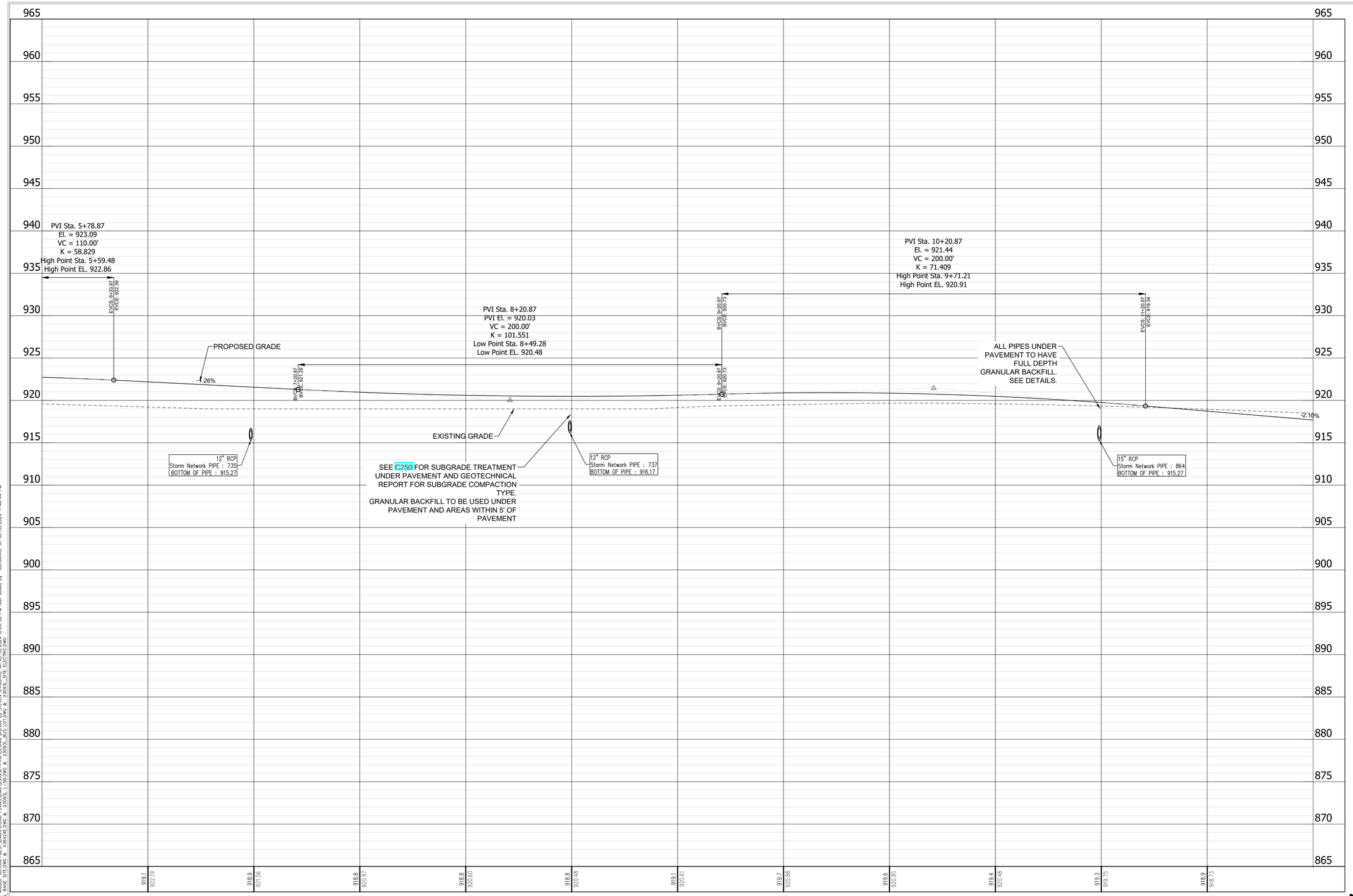

SCALE: H: 1" = 20'
V: 1" =5'

APPROVAL PENDING NOT FOR CONSTRUCTION

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Brett Hite
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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PROFILE
"PR-C"
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STA. 12+00

CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER
Karen Collins

DRAWING NUMBER
C264

PROJECT NUMBER
2023061

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Xrefs: 23093L BASE TOPO.DWG & 23093L BASE SITE.DWG & X36X24E.DWG & 23093L L-SB.DWG & 23093L_BUS LOT.DWG & 23093L_SITE ELECTRIC.DWG

LEGEND

INDOT DRIVEWAY APPROACH.
SEE DETAIL 610-DRIVE-04 ON SHEET C905

EXISTING CENTENNIAL ROAD HARD SCAPE

GRADING PLAN LEGEND

LINE TYPE / SYMBOL	DESCRIPTION	LINE TYPE / SYMBOL	DESCRIPTION
772.40ME	MATCH EXISTING		SWALE
772.40	PAVEMENT SPOT GRADE		POND BOTTOM
772.40	LAWN SPOT GRADE		POND CONTOUR
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0 20' 40'
SCALE: 1" = 20'

12+00.00
13+00.00
14+00.00
15+00.00
16+00.00 Line "PR-C"
17+

184 LF SWALE @ 1%
317 LF SWALE @ 1.2%

708 RIM=918.71
762 RIM=917.73
765 RIM=917.73
767 RIM=915.94
768 RIM=915.07
707 RIM=916.23
769 RIM=915.08
761 RIM=914.31
756 M=912.76
788 RIM=913.04
787 RIM=913.04
706 RIM=914.21
786 RIM=919.57
789 RIM=919.57
799 RIM=919.95
861 RIM=911.97
860 RIM=911.97

903.5 NP

APPROVAL PENDING NOT FOR CONSTRUCTION

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Brett Hite
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email: BHite@csoinc.net
8851 Keystone Crossing, Indianapolis, IN 46240
317.848.7800 | csoinc.net

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PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

1	ADDENDUM #2	06/17/2024
2	ADDENDUM #3	06/21/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

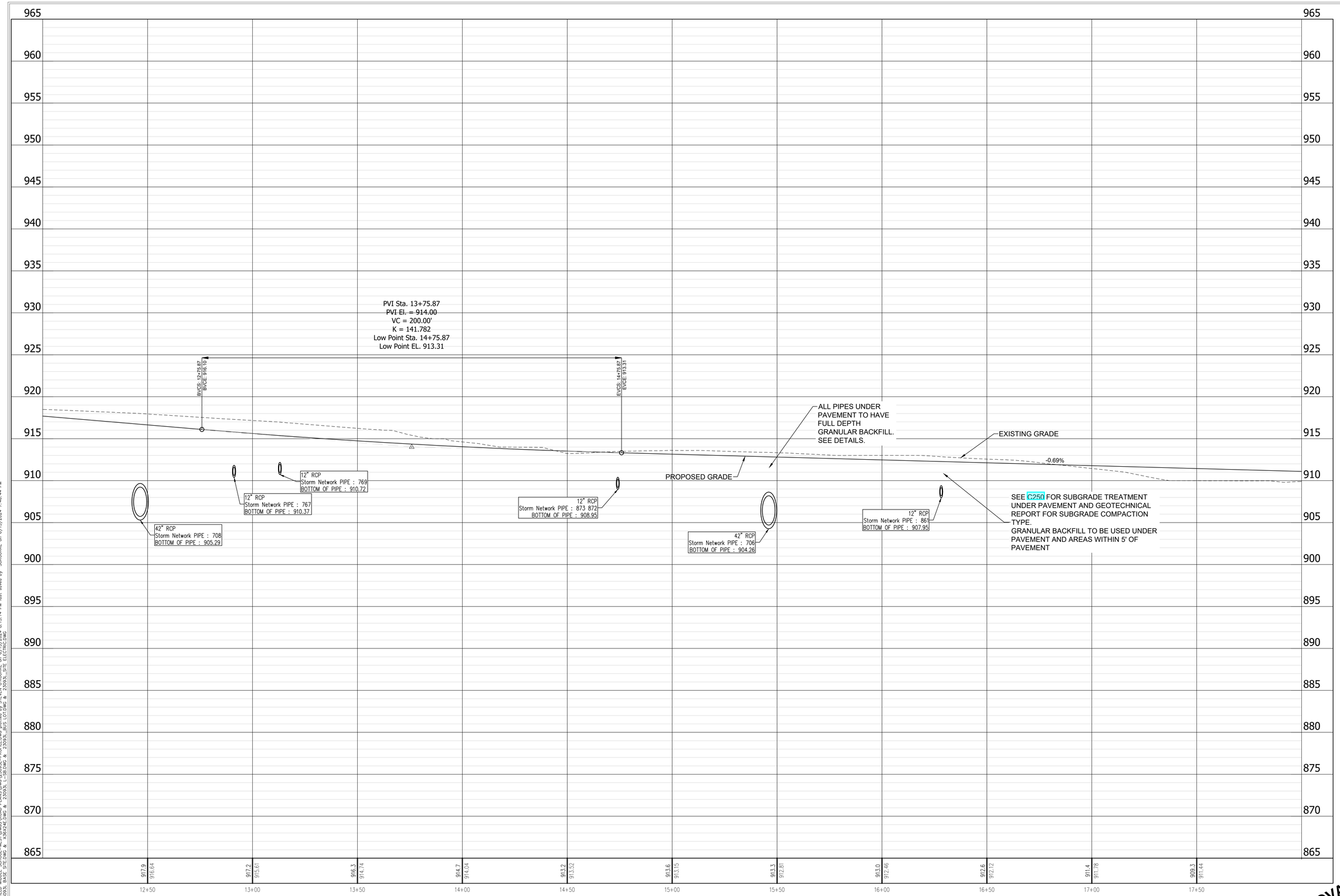
DRAWING TITLE:
PLAN
"PR-C"
STA. 12+00
TO
STA. 17+00

CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
C265

PROJECT NUMBER:
2023061

Z:\2023\23093L-CONTEXT, NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\ROAD PLANS\DWG\23093L-PLAN.DWG plotted by STEVEN O'ROURKE on 6/20/2024 10:14:39 AM last saved by SOROURKE on 6/19/2024 5:32:34 PM
Xrefs: 23093L_BASE TOPO.DWG & 23093L BASE SITE.DWG & X36X24E.DWG & 23093L_SB.DWG & 23093L_XLEG.DWG & 23093L_BUS LOT.DWG & 23093L_STRUCTURE POINT.DWG & 23093L_SITE ELECTRIC.DWG



SCALE: H: 1" = 20'
V: 1" =5'

APPROVAL PENDING NOT FOR CONSTRUCTION

CSO
Brett Hite
work: (317) 848-7800
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317.848.7800 | csoinc.net

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A&F ENGINEERING
Transportation & Site Engineering
Creating Order Since 1966

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

DRAWING TITLE:
PROFILE
"PR-C"
STA. 12+00
TO
STA. 18+00

CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER
Karen Collins

DRAWING NUMBER
C266

PROJECT NUMBER
2023061

Z:\2023\2309XL-CONTEXT, NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\ROAD PLANS\DWG\2309XL-PROFILE.DWG plotted by STEVEN O'ROURKE on 6/13/2024 8:13:14 PM last saved by SOROURKE on 6/13/2024 7:46:44 PM
Xrefs: 2309XL BASE TOPO.DWG & 2309XL BASE SITE.DWG & X36X24E.DWG & 2309XL L-SB.DWG & 2309XL_BUS LOT.DWG & 2309XL_SITE ELECTRIC.DWG

LEGEND

INDOT DRIVEWAY APPROACH.
SEE DETAIL 610-DRIVE-04 ON SHEET C905

EXISTING CENTENNIAL ROAD HARD SCAPE

GRADING PLAN LEGEND

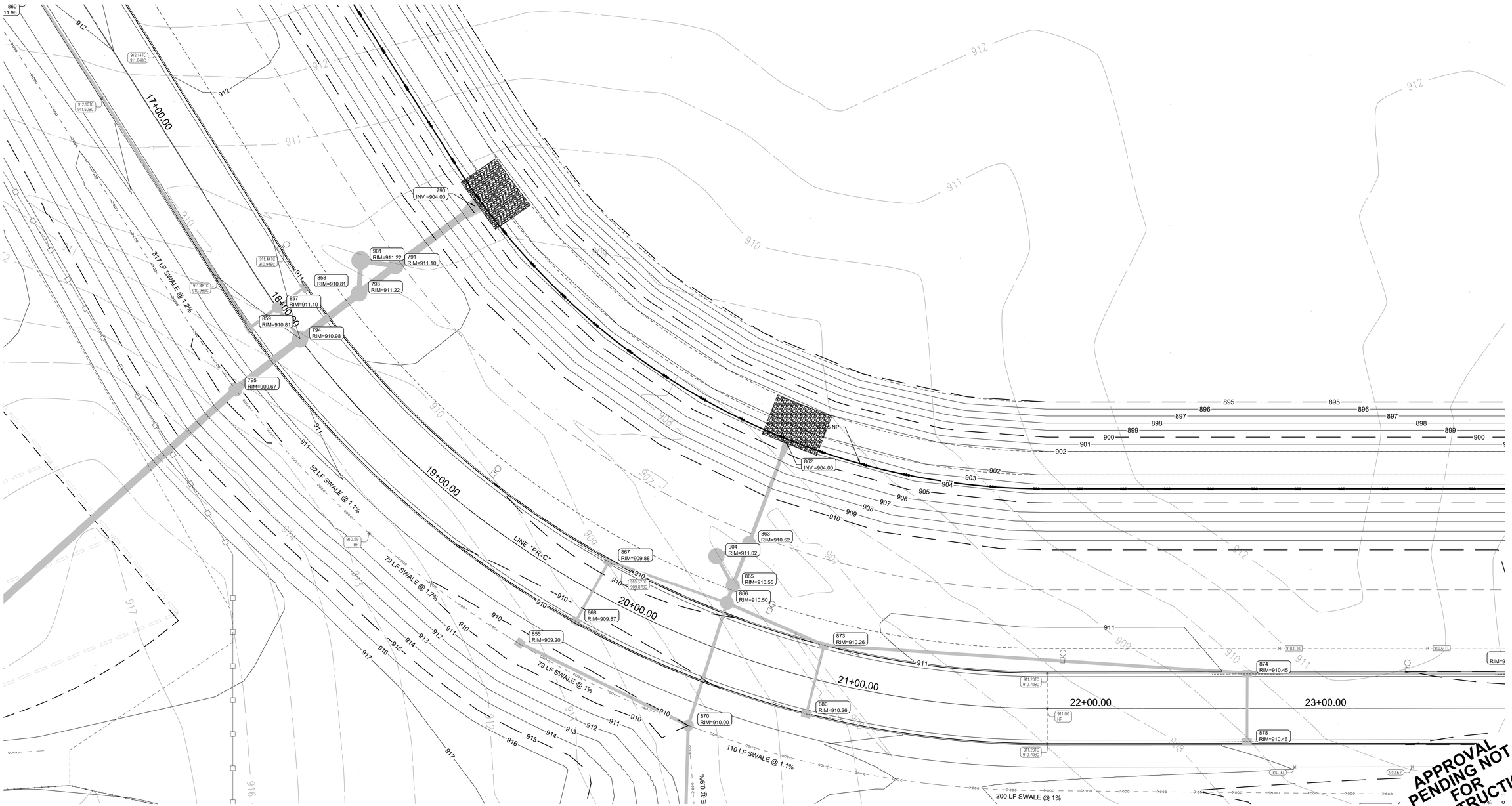
LINE TYPE / SYMBOL	DESCRIPTION	LINE TYPE / SYMBOL	DESCRIPTION
772.40ME	MATCH EXISTING		SWALE
772.40	PAVEMENT SPOT GRADE		POND BOTTOM
772.40	LAWN SPOT GRADE		POND CONTOUR
772.40	FLOW LINE SPOT GRADE		POND NORMAL POOL
772.40	TOP OF WALL SPOT GRADE	F.F.E.	FINISHED FLOOR ELEVATION
772.40	BOTTOM OF WALL SPOT GRADE	HP	HIGH POINT
772.00	TOP OF CURB AND BOTTOM OF CURB	LP	LOW POINT
771.20 / 770.70	FLOW DIRECTION w/GRADE	801	INTERMEDIATE CONTOUR
1.00%	H:V RATIO GRADE	800	INDEX CONTOUR
3:1	PIPE INVERT ELEVATION		GRADE BREAK
INV.=800.50	FLOOD ROUTE		EXISTING INTERMEDIATE CONTOUR
FR			EXISTING INDEX CONTOUR
			S.S.D.

GRADING NOTES

1. TOPSOIL SHALL BE STRIPPED FROM ALL AREAS TO RECEIVE PAVING AND FROM WITHIN THE LIMITS OF PROPOSED BUILDINGS AND STRUCTURES. TOPSOIL SHALL BE STRIPPED TO THE DEPTH SHOWN IN THE GEOTECHNICAL REPORT, OR TO A DEPTH OF 6 INCHES, WHICHEVER IS GREATER.
2. TOPSOILSHALL BE PLACED TO A DEPTH OF 4 TO 6 INCHES IN ALL AREAS TO BE SEEDED OR SODDED PER THE SPECIFICATIONS.
3. EXCESS TOPSOIL MAY BE PLACED IN MOUNDING AREAS AND NONSTRUCTURAL FILL AREAS AS AVAILABLE.
4. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE SEEDED OR SODDED UNLESS OTHERWISE SHOWN.
5. FINAL GRADES AT THE PROJECT BOUNDARY SHALL MATCH EXISTING ELEVATIONS UNLESS OTHERWISE SHOWN.
6. THE CONTRACTOR SHALL PERFORM AN EARTHWORK QUANTITY ANALYSIS PRIOR TO COMMENCING CONSTRUCTION TO CONFIRM SUCH QUANTITIES WITH THE ENGINEER. ADJUSTMENTS TO PROPOSED FINISH GRADES BASED UPON THE EARTHWORK QUANTITY ANALYSIS SHALL BE APPROVED BY THE ENGINEER.

0 20' 40'

SCALE: 1" = 20'



APPROVAL PENDING NOT FOR CONSTRUCTION

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Brett Hite
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Closing Gaps Since 1994

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the general requirements for the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for the performance and completion of the contract documents.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

DRAWING TITLE:
PLAN
"PR-C"
STA. 17+00
TO
STA. 23+00

CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
C267

PROJECT NUMBER
2023061

Z:\2021\23093L-CONTEXT, NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\ROAD PLANS\DWG\23093L-PLAN.DWG plotted by STEVEN O'ROURKE on 6/14/2024 3:59:56 PM last saved by SOROURKE on 6/14/2024 3:36:39 PM
Xrefs: 23093L_BASE TOPO.DWG & 23093L_BASE SITE.DWG & X36X24E.DWG & 23093L_L-SB.DWG & 23093L-XLEG.DWG & 23093L_BUS LOT.DWG & 23093L_STRUCTURE POINT.DWG & 23093L_SITE ELECTRIC.DWG

PVI Sta. 19+88.87
PVI El. = 909.80
VC = 200.00'
K = 134.666
Low Point Sta. 19+81.14
Low Point EL. 910.17

PVI Sta. 21+88.87
El. = 911.40
VC = 200.00'
K = 125.000
High Point Sta. 21+88.87
High Point EL. 911.00

PVI Sta. 23+88.87
PVI El. = 909.80
VC = 200.00'
K = 125.000
Low Point Sta. 23+88.87
Low Point EL. 910.20

BVCS: 18+88.87
BVCE: 910.49

BVCS: 20+88.87
BVCE: 910.60

BVCS: 22+88.87
BVCE: 910.60

ALL PIPES UNDER PAVEMENT TO HAVE FULL DEPTH GRANULAR BACKFILL. SEE DETAILS.

PROPOSED GRADE

EXISTING GRADE

36" RCP
Storm Network PIPE : 794
BOTTOM OF PIPE : 904.00

12" RCP
Storm Network PIPE : 868
BOTTOM OF PIPE : 905.41

15" RCP
Storm Network PIPE : 870
BOTTOM OF PIPE : 904.44

12" RCP
Storm Network PIPE : 880
BOTTOM OF PIPE : 905.87

12" RCP
Storm Network PIPE : 878
BOTTOM OF PIPE : 906.16

SEE C250 FOR SUBGRADE TREATMENT UNDER PAVEMENT AND GEOTECHNICAL REPORT FOR SUBGRADE COMPACTION TYPE.
GRANULAR BACKFILL TO BE USED UNDER PAVEMENT AND AREAS WITHIN 5' OF PAVEMENT

18+50	19+00	19+50	20+00	20+50	21+00	21+50	22+00	22+50	23+00	23+50
910.8	910.8	910.2	909.1	908.0	906.5	906.8	907.8	908.9	910.4	910.4
910.75	910.41	910.21	910.18	910.35	910.68	910.94	911.00	910.85	910.52	910.26

SCALE: H: 1" = 20'
V: 1" =5'

APPROVAL PENDING NOT FOR CONSTRUCTION

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A&F ENGINEERING
Transportation & Site Engineering
Creating Better Communities

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of dimensions, materials, and finishes. They indicate the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The Contract Documents are complementary. They describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

DRAWING TITLE:
PROFILE
"PR-C"
STA. 18+00
TO
STA. 24+00

CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
C268

PROJECT NUMBER:
2023061

Z:\2023\2309JL-CONTEXT\ NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\ROAD PLANS\DWG\2309JL-PROFILE.DWG plotted by STEVEN O'ROURKE on 6/13/2024 8:16:38 PM last saved by SOROURKE on 6/13/2024 7:46:44 PM
Xrefs: 2309JL_BASE TOPO.DWG & 2309JL_BASE SITE.DWG & X36X24E.DWG & 2309JL_L-SB.DWG & 2309JL_BUS LOT.DWG & 2309JL_SITE ELECTRIC.DWG

GRADING PLAN LEGEND

LINE TYPE / SYMBOL	DESCRIPTION	LINE TYPE / SYMBOL	DESCRIPTION
772.40ME	MATCH EXISTING		SWALE
772.40	PAVEMENT SPOT GRADE		POND BOTTOM
772.40	LAWN SPOT GRADE		POND CONTOUR
772.40	FLOW LINE SPOT GRADE		POND NORMAL POOL
772.40	TOP OF WALL SPOT GRADE	F.F.E.	FINISHED FLOOR ELEVATION
772.40	BOTTOM OF WALL SPOT GRADE	HP	HIGH POINT
772.00	TOP OF CURB AND BOTTOM OF CURB	LP	LOW POINT
771.20 / 770.70	FLOW DIRECTION w/GRADE	801	INTERMEDIATE CONTOUR
1.00%	H:V RATIO GRADE	800	INDEX CONTOUR
3:1	PIPE INVERT ELEVATION		GRADE BREAK
INV.=800.50	FLOOD ROUTE		EXISTING INTERMEDIATE CONTOUR
FR			EXISTING INDEX CONTOUR
			S.S.D.

LEGEND

INDOT DRIVEWAY APPROACH.
SEE DETAIL 610-DRIVE-04 ON SHEET C905

EXISTING CENTENNIAL ROAD HARD SCAPE

GRADING NOTES

1. TOPSOIL SHALL BE STRIPPED FROM ALL AREAS TO RECEIVE PAVING AND FROM WITHIN THE LIMITS OF PROPOSED BUILDINGS AND STRUCTURES. TOPSOIL SHALL BE STRIPPED TO THE DEPTH SHOWN IN THE GEOTECHNICAL REPORT, OR TO A DEPTH OF 6 INCHES, WHICHEVER IS GREATER.
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3. EXCESS TOPSOIL MAY BE PLACED IN MOUNDING AREAS AND NONSTRUCTURAL FILL AREAS AS AVAILABLE.
4. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE SEEDED OR SODDED UNLESS OTHERWISE SHOWN.
5. FINAL GRADES AT THE PROJECT BOUNDARY SHALL MATCH EXISTING ELEVATIONS UNLESS OTHERWISE SHOWN.
6. THE CONTRACTOR SHALL PERFORM AN EARTHWORK QUANTITY ANALYSIS PRIOR TO COMMENCING CONSTRUCTION TO CONFIRM SUCH QUANTITIES WITH THE ENGINEER. ADJUSTMENTS TO PROPOSED FINISH GRADES BASED UPON THE EARTHWORK QUANTITY ANALYSIS SHALL BE APPROVED BY THE ENGINEER.

0 20' 40'

SCALE: 1" = 20'

PRIMARY OUTLET
703 INV=903.50
SECONDARY OUTLET AND EMERGENCY SPILLWAY. SEE DETAIL SHEET C901
OUTLET CONTROL STRUCTURE SEE DETAIL SHEET
702 RIM=907.81
907 INV =904.00
20' SAFETY LEDGE
NO STONE ON APRON
878 INV=905.20
880 INV=905.20
879 INV =905.10
881 INV =905.10
(2) 6'W x 3'H CONC. BOX W/ PRE-CAST HEADWALL AND APRON
874 RIM=910.45
875 RIM=909.91
876 RIM=909.91
878 RIM=910.46
905 RIM=909.00
906 RIM=909.10
50 LF SWALE @ 1.7%
50 LF SWALE @ 1.5%
73 LF SWALE @ 0.8%
701 INV =903.00
STORM STR 116 TR: 904.55
STORM STR 119 TR: 902.65
23+00.00
24+00.00
25+00.00
26+00.00
27+00.00
Line "PR-C"
28+77.69
12.00'

APPROVAL PENDING NOT FOR CONSTRUCTION

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A&F ENGINEERING
Transportation & Site Engineering
Closing Gaps Since 1964

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. The plans and specifications are intended to describe all work required for full performance and completion of the requirements of the Contract.
Any work not specifically shown on general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

DRAWING TITLE:
PLAN
"PR-C"
STA. 23+00
TO
STA. 29+79

CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER
Karen Collins

DRAWING NUMBER
C269

PROJECT NUMBER:
2023061

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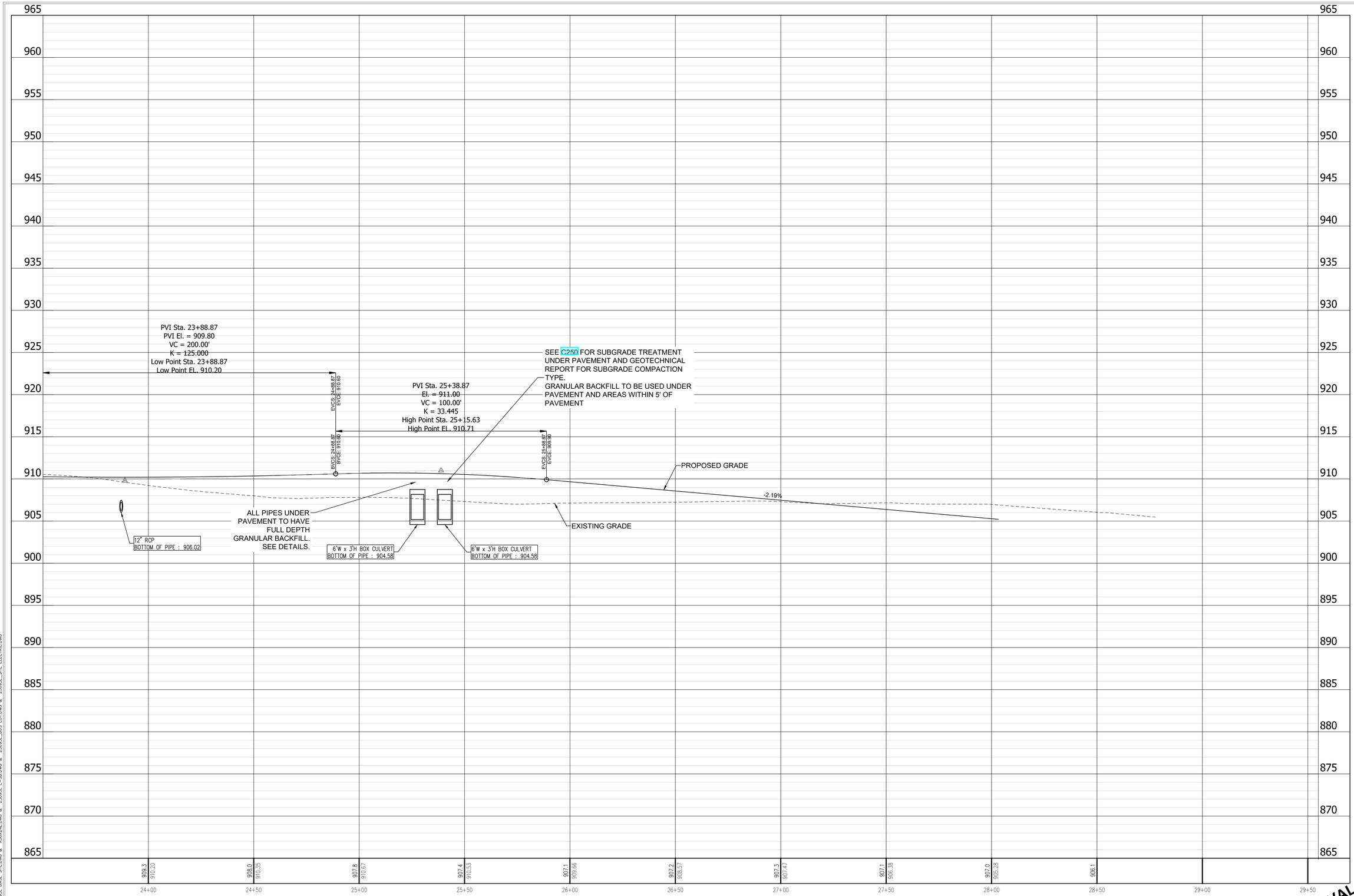
Xrefs: 23093L_BASE TOPO.DWG & 23093L_BASE SITE.DWG & X36X24E.DWG & 23093L_L-SB.DWG & 23093L_ALEC.DWG & 23093L_BUS LOT.DWG & 23093L_STRUCTURE POINT.DWG & 23093L_SITE ELECTRIC.DWG



SCALE: H: 1" = 20'
V: 1" =5'

APPROVAL PENDING NOT FOR CONSTRUCTION

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A&F ENGINEERING
Transportation & Site Engineering
Creating Order Since 1966

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
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REVISIONS:

1	ADDENDUM #2	06/17/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

DRAWING TITLE:
PROFILE
"PR-C"
STA. 24+00
TO
STA. 29+52

CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER
Karen Collins

DRAWING NUMBER
C270

PROJECT NUMBER
2023061

Z:\2023\23093L-CONTEXT, NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\ROAD PLANS\DWG\23093L-PROFILE.DWG plotted by STEVEN O'ROURKE on 6/13/2024 8:20:00 PM last saved by SOROURKE on 6/13/2024 7:46:44 PM
Xrefs: 23093L BASE TOPO.DWG & 23093L BASE SITE.DWG & X36X24E.DWG & 23093L L-SB.DWG & 23093L_BUS LOT.DWG & 23093L_SITE ELECTRIC.DWG

Know what's below. Call before you dig.

0 100' 200'

SCALE: 1" = 100'

KEYMAP

REGIONAL WET POND
NORMAL POOL: 903.50'
100-YR PEAK ELEV (ONSITE+OFFSITE): 909.25'
TOP OF BANK: 911.25'

FFE = 924

DISCUS

C255 C261 C263 C265 C267 C269 C257 C259 C253 C251

Centennial Road

State Road No. 32

STATE RD 32

TOWNE ROAD

80' BLDG SETBACK

100' BLDG SETBACK

75' ½ ROW

TREE STAND TO BE HARVESTED

APPROVAL PENDING NOT FOR CONSTRUCTION

FEMA ZONE AE
BFE = 894'

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Brett Hite
work: (317) 848-7800
email: BHite@csoinc.net
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317.848.7800 | csoinc.net

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Closing Center Since 1994

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project and the approximate location of the major elements of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the intended work of the project.
On the basis of the general scope indicated or described the trade contractors shall furnish all items required for the proper execution and completion of the works.

REVISIONS:

1	ADDENDUM #2	06/17/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

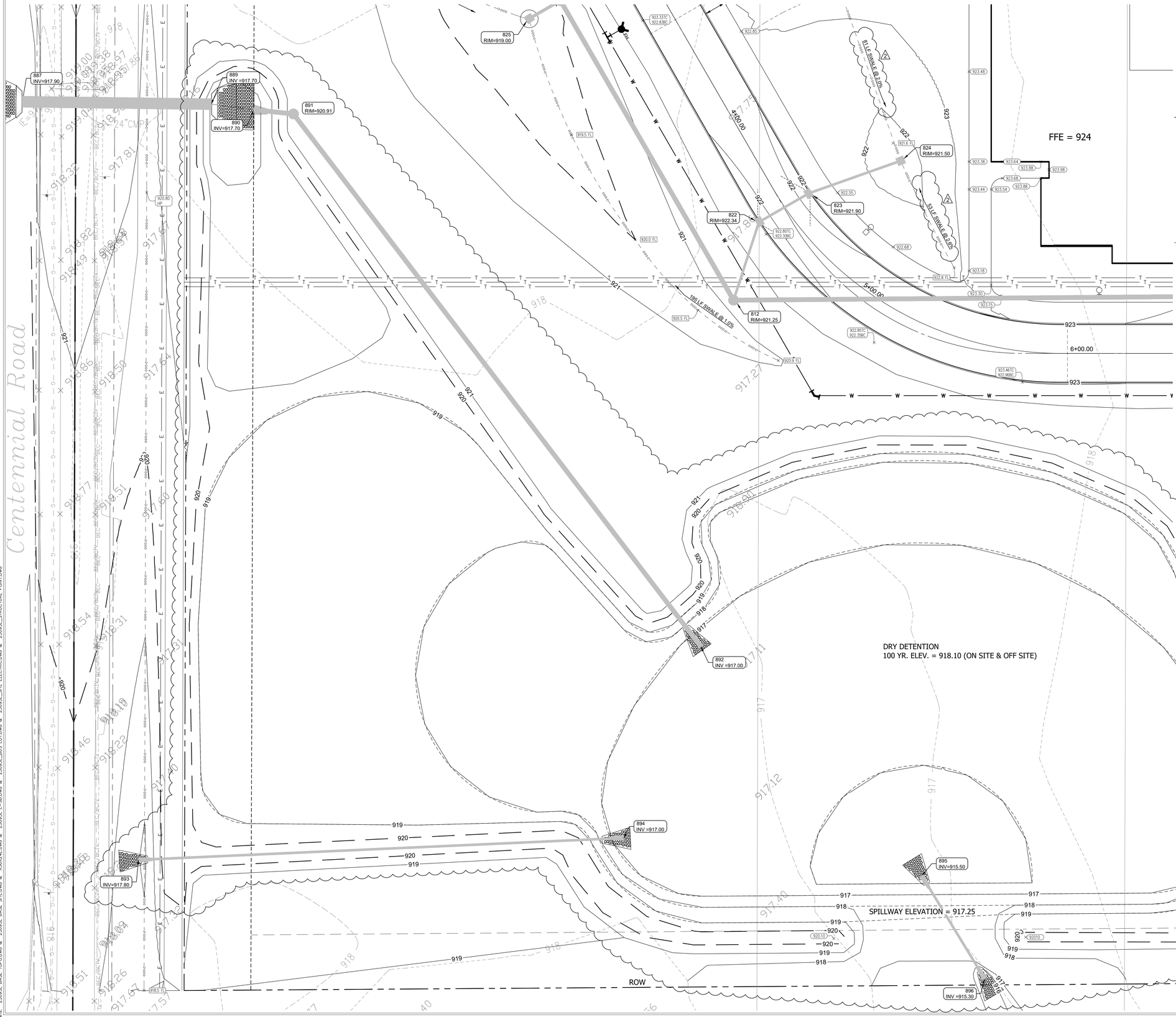
DRAWING TITLE:
OVERALL GRADING PLAN

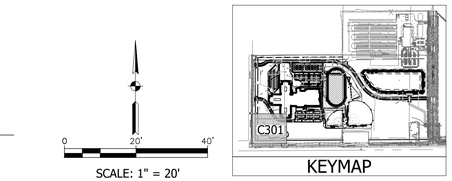
CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
C300

PROJECT NUMBER:
2023061

Z:\2023\2023GL-CONTEXT, NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\C3D\ GRADING PLAN.DWG plotted by STEVEN O'ROURKE on 6/14/2024 4:00:58 PM last saved by SOROURKE on 6/14/2024 3:01:44 PM
Xrefs: 2309JL_BASE TOPO.DWG & 2309JL_BASE SITE.DWG & X36X24E.DWG & 2309JL_L-38.DWG & 2309JL_BUS LOT.DWG & 2309JL_SITE ELECTRIC.DWG & 2309JL_STRUCTURE POINT.DWG





SCALE: 1" = 20'

KEYMAP

GRADING NOTES

1. TOPSOIL SHALL BE STRIPPED FROM ALL AREAS TO RECEIVE PAVING AND FROM WITHIN THE LIMITS OF PROPOSED BUILDINGS AND STRUCTURES. TOPSOIL SHALL BE STRIPPED TO THE DEPTH SHOWN IN THE GEOTECHNICAL REPORT, OR TO A DEPTH OF 6 INCHES, WHICHEVER IS GREATER.
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GRADING PLAN LEGEND

LINE TYPE / SYMBOL	DESCRIPTION	LINE TYPE / SYMBOL	DESCRIPTION
772.40 ME	MATCH EXISTING		SWALE
772.40	PAVEMENT SPOT GRADE		POND BOTTOM
772.40 LA	LAWN SPOT GRADE		POND CONTOUR
HP 772.40	GROUND SPOT GRADE HIGH POINT		POND NORMAL POOL
772.40 FL	FLOW LINE SPOT GRADE	F.F.E.	FINISHED FLOOR ELEVATION
772.40 TW	TOP OF WALL SPOT GRADE	HP	HIGH POINT
772.00 BW	BOTTOM OF WALL SPOT GRADE	LP	LOW POINT
771.20 T.C. 770.70 B.C.	TOP OF CURB AND BOTTOM OF CURB	801	INTERMEDIATE CONTOUR
HP 771.20 T.C. 770.70 B.C.	TOP OF CURB AND BOTTOM OF CURB HIGH POINT	800	INDEX CONTOUR
771.20 T.C. ME 770.70 B.C. ME	TOP OF CURB AND BOTTOM OF CURB MATCH EXISTING		EXISTING INTERMEDIATE CONTOUR
1.00%	FLOW DIRECTION w/GRADE		EXISTING INDEX CONTOUR
3:1	H:V RATIO GRADE		BREAKLINES
INV.=800.50	PIPE INVERT ELEVATION		
FR	FLOOD ROUTE		

Know what's below. Call before you dig.

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A&F ENGINEERING
Transportation & Site Engineering
Crossing Center Area Map

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of construction and materials to be used.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the construction of the work.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	05/17/2024
2	ADDENDUM #3	06/21/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

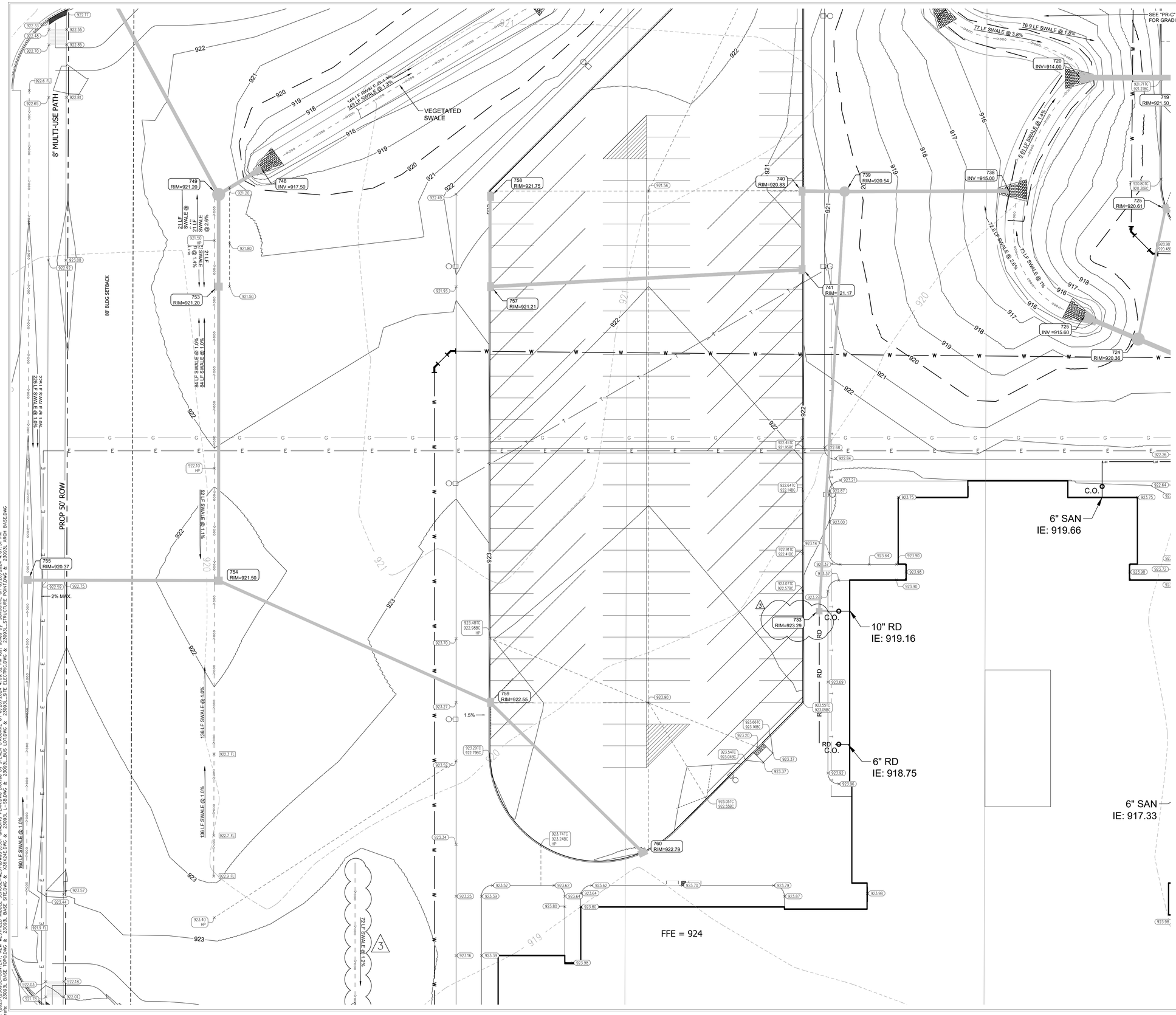
DRAWING TITLE:
GRADING PLAN

CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
C301

PROJECT NUMBER
2023061

Z:\2023\2309JL-CONTEXT_NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\C301 GRADING PLAN.DWG plotted by STEVEN O'ROURKE on 6/21/2024 1:03:33 PM last saved by SOROURKE on 6/21/2024 1:03:14 PM
Xrefs: 2309JL_BASE TOPO.DWG & 2309JL_BASE SITE.DWG & X46X24E.DWG & 2309JL_L-SB.DWG & 2309JL_BUS LOT.DWG & 2309JL_SITE ELECTRIC.DWG & 2309JL_STRUCTURE POINT.DWG



GRADING NOTES

1. TOPSOIL SHALL BE STRIPPED FROM ALL AREAS TO RECEIVE PAVING AND FROM WITHIN THE LIMITS OF PROPOSED BUILDINGS AND STRUCTURES. TOPSOIL SHALL BE STRIPPED TO THE DEPTH SHOWN IN THE GEOTECHNICAL REPORT, OR TO A DEPTH OF 6 INCHES, WHICHEVER IS GREATER.
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5. FINAL GRADES AT THE PROJECT BOUNDARY SHALL MATCH EXISTING ELEVATIONS UNLESS OTHERWISE SHOWN.
6. THE CONTRACTOR SHALL PERFORM AN EARTHWORK QUANTITY ANALYSIS PRIOR TO COMMENCING CONSTRUCTION TO CONFIRM SUCH QUANTITIES WITH THE ENGINEER. ADJUSTMENTS TO PROPOSED FINISH GRADES BASED UPON THE EARTHWORK QUANTITY ANALYSIS SHALL BE APPROVED BY THE ENGINEER.

GRADING PLAN LEGEND

LINE TYPE / SYMBOL	DESCRIPTION	LINE TYPE / SYMBOL	DESCRIPTION
772.40ME	MATCH EXISTING		SWALE
772.40	PAVEMENT SPOT GRADE		POND BOTTOM
772.40LA	LAWN SPOT GRADE		POND CONTOUR
HP 772.40	GROUND SPOT GRADE HIGH POINT		POND NORMAL POOL
772.40FL	FLOW LINE SPOT GRADE	F.F.E.	FINISHED FLOOR ELEVATION
772.40TW	TOP OF WALL SPOT GRADE	HP	HIGH POINT
772.00 BW	BOTTOM OF WALL SPOT GRADE	LP	LOW POINT
771.20 T.C. 770.70 B.C.	TOP OF CURB AND BOTTOM OF CURB	801	INTERMEDIATE CONTOUR
HP 771.20 T.C. 770.70 B.C.	TOP OF CURB AND BOTTOM OF CURB HIGH POINT	800	INDEX CONTOUR
771.20 T.C. ME 770.70 B.C. ME	TOP OF CURB AND BOTTOM OF CURB MATCH EXISTING		EXISTING INTERMEDIATE CONTOUR
1.00%	FLOW DIRECTION w/GRADE		EXISTING INDEX CONTOUR
3:1	H:V RATIO GRADE		BREAKLINES
INV.=800.50	PIPE INVERT ELEVATION		
FR	FLOOD ROUTE		

Know what's **below.** **Call** before you dig.

APPROVAL PENDING NOT FOR CONSTRUCTION

CSO
Brett Hite
work: (317) 848-7800
email: BHite@csoinc.net
8851 Keystone Crossing | Indianapolis, IN 46240
317.848.7800 | csoinc.net

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A&F ENGINEERING
Transportation & Site Engineering
Crossing Carmel Since 1994

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the performance criteria for the type of structural, mechanical and electrical systems.
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REVISIONS:

1	ADDENDUM #2	06/17/2024
2	ADDENDUM #3	06/21/2024
3	ADDENDUM #4	06/26/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

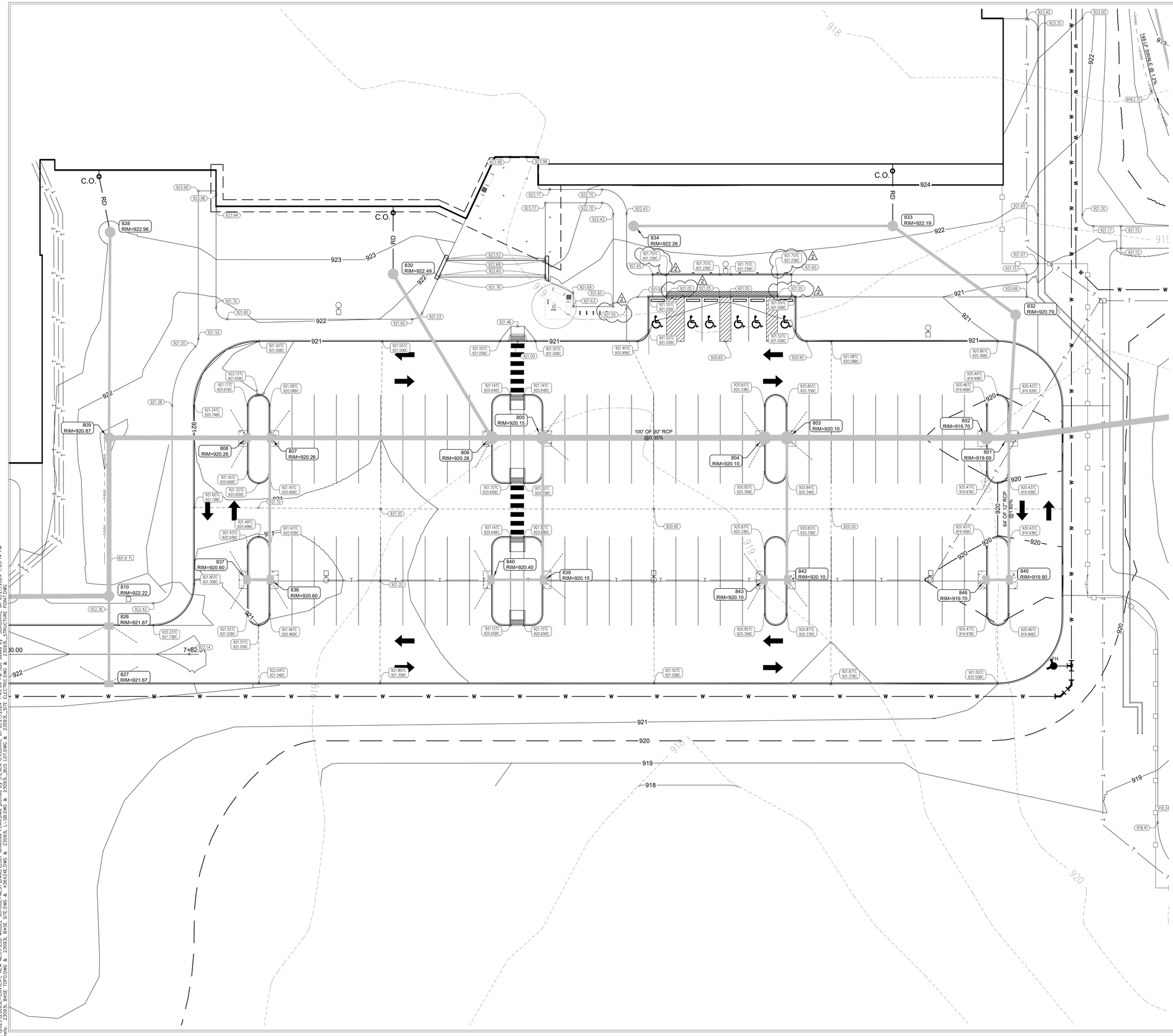
DRAWING TITLE:
GRADING PLAN

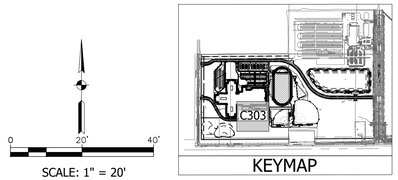
CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
C302

PROJECT NUMBER
2023061

Z:\2023\23093L-CONTEXT, NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\C301 GRADING PLAN.DWG plotted by STEVEN O'ROURKE on 6/26/2024 4:09:32 PM last saved by SOROURKE on 6/26/2024 4:07:51 PM
Xrefs: 23093L BASE TOPO.DWG & 23093L BASE SITE.DWG & X36V24E.DWG & 23093L L-SB.DWG & 23093L_BUS LOT.DWG & 23093L_SITE ELECTRIC.DWG & 23093L_STRUCTURE POINT.DWG & 23093L ARCH BASE.DWG





KEYMAP

0 20' 40'

SCALE: 1" = 20'

GRADING NOTES

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REVISIONS:

1	ADDENDUM #2	06/17/2024
2	ADDENDUM #3	06/21/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

DRAWING TITLE:
GRADING PLAN

CERTIFIED BY:
KAREN K. COLLINS REGISTERED No. 10404538 STATE OF INDIANA PROFESSIONAL ENGINEER
Karen Collins

DRAWING NUMBER
C303

PROJECT NUMBER
2023061

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CSO
Brett Hite
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317.848.7800 | csoinc.net

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Crossing Center Since 1994

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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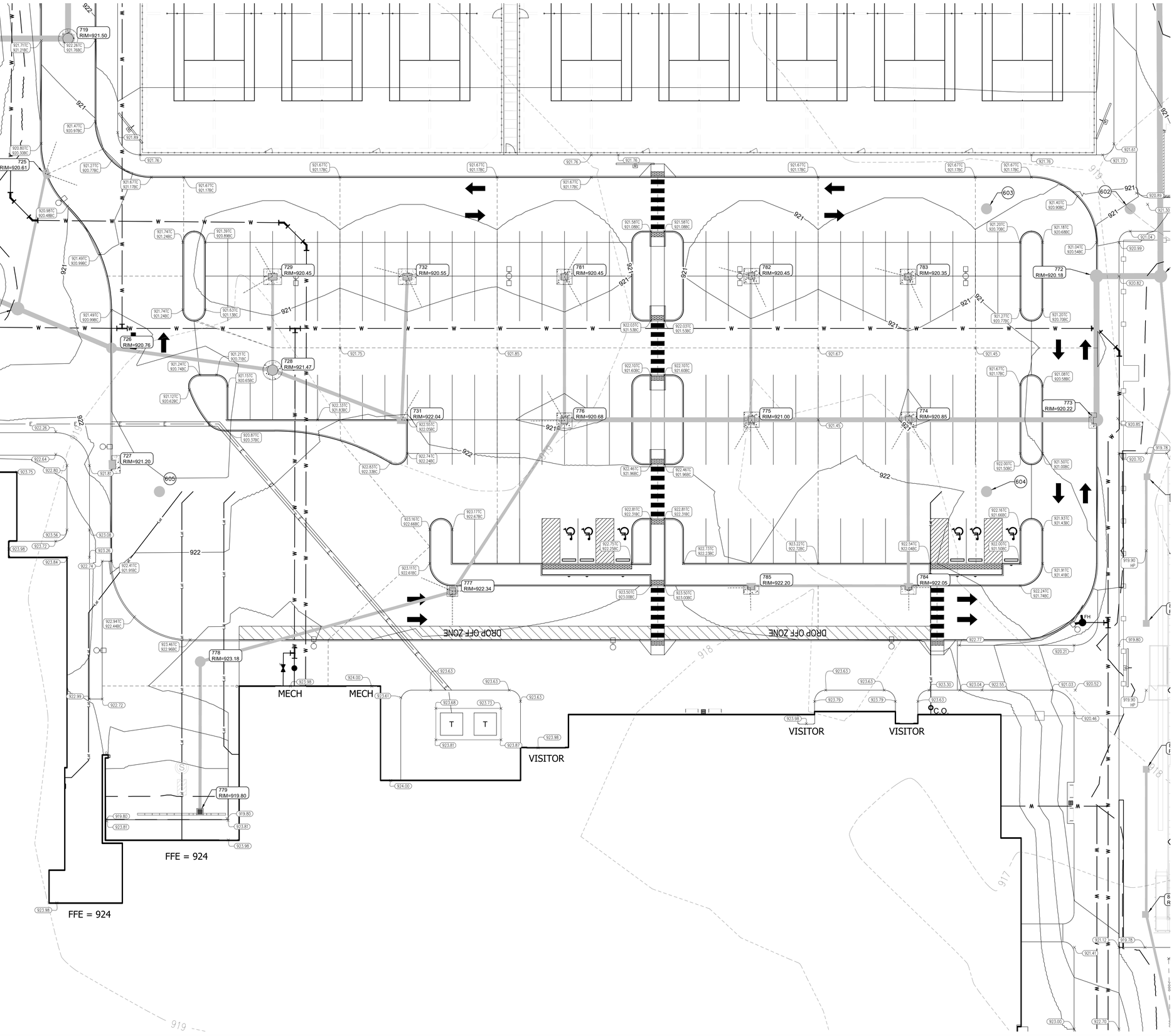
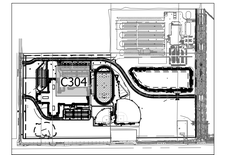
Xrefs: 23093L BASE TOPO.DWG & 23093L BASE SITE.DWG & X-REF24E.DWG & 23093L_L-SB.DWG & 23093L_BUS LOT.DWG & 23093L_SITE ELECTRIC.DWG & 23093L_STRUCTURE POINT.DWG



0 20' 40'

SCALE: 1" = 20'



KEYMAP

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GRADING PLAN LEGEND

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INV.=800.50	PIPE INVERT ELEVATION		
FR	FLOOD ROUTE		

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Brett Hite
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email: BHite@scsinc.net
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317.848.7800 | scsinc.net

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Carmel | Fort Wayne

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

1	ADDENDUM #2	06/17/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

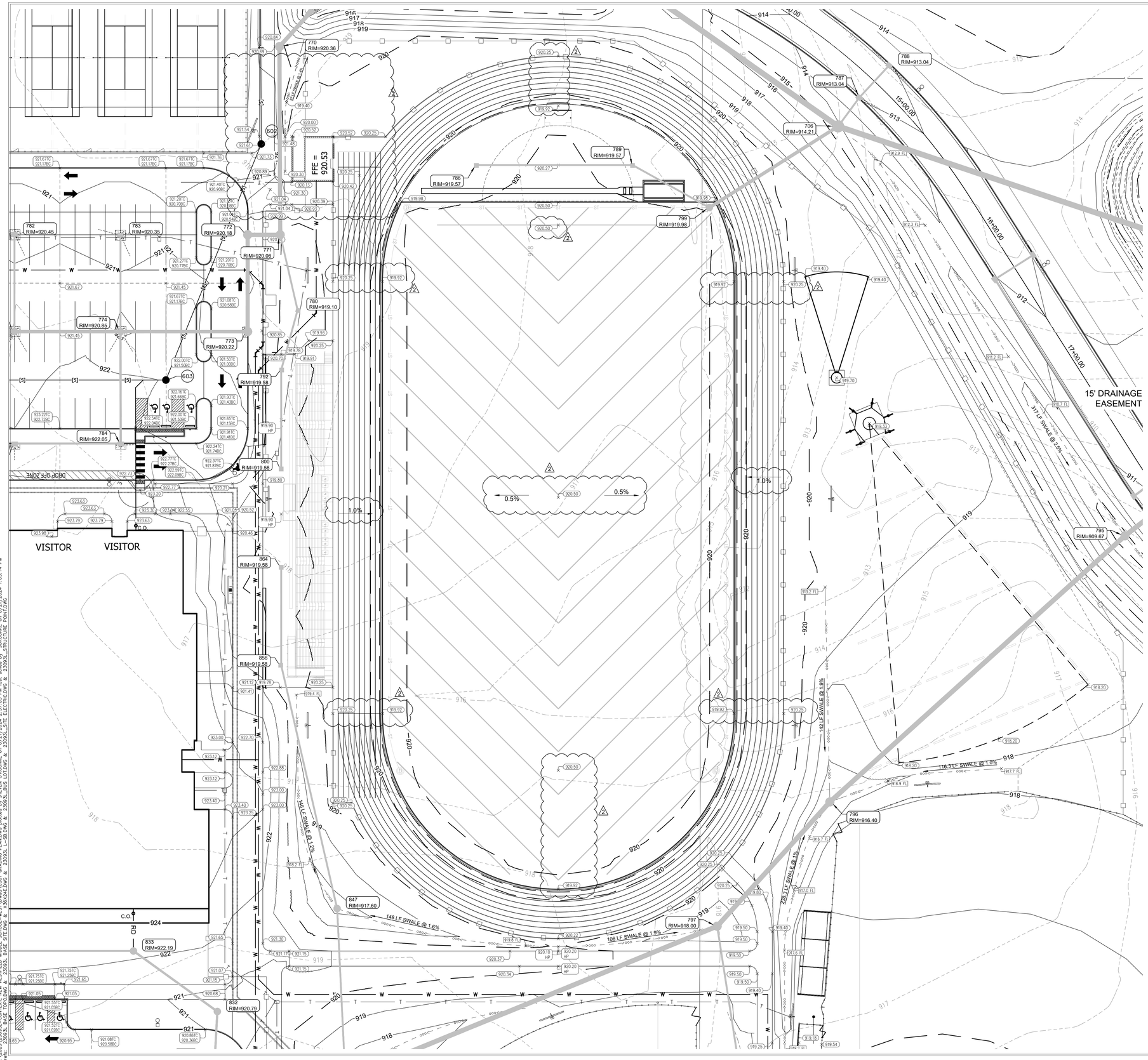
DRAWING TITLE:
GRADING PLAN

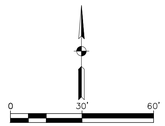
CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
C304

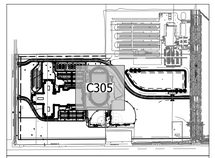
PROJECT NUMBER
2023061

Z:\2023\23093L-CONTEXT, NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\C301 GRADING PLAN.DWG plotted by STEVEN O'ROURKE on 6/14/2024 4:01:26 PM last saved by SOROURKE on 6/14/2024 3:01:44 PM
Xrefs: 23093L BASE TOPO.DWG & 23093L BASE SITE.DWG & X-REF24E.DWG & 23093L L-SB.DWG & 23093L_BUS LOT.DWG & 23093L_SITE ELECTRIC.DWG & 23093L_STRUCTURE POINT.DWG





SCALE: 1" = 30'



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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

1	ADDENDUM #2	06/17/2024
2	ADDENDUM #3	06/21/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

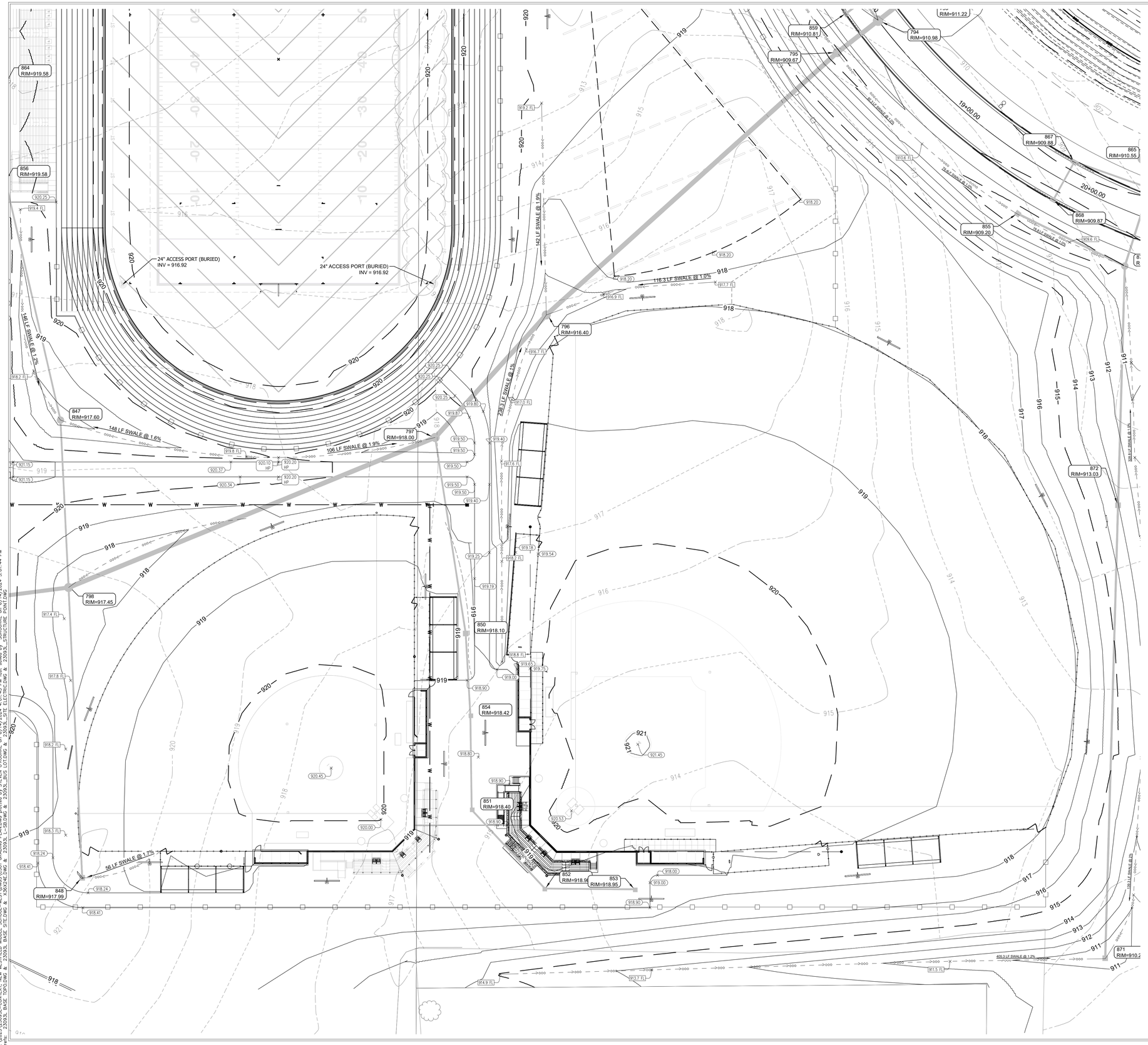
DRAWING TITLE:
GRADING PLAN

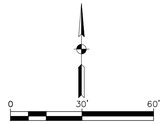
CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER
Karen Collins

DRAWING NUMBER
C305

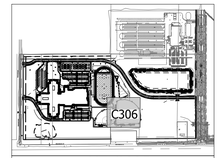
PROJECT NUMBER
2023061

Z:\2023\23093L-CONTEXT, NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\C301 GRADING PLAN.DWG plotted by STEVEN O'ROURKE on 6/21/2024 2:37:05 PM last saved by SOROURKE on 6/21/2024 1:03:14 PM
Xrefs: 23093L BASE TOPO.DWG & 23093L BASE SITE.DWG & X36X24E.DWG & 23093L L-SB.DWG & 23093L_BUS LOT.DWG & 23093L_SITE ELECTRIC.DWG & 23093L_STRUCTURE POINT.DWG





SCALE: 1" = 30'



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Closing Center Since 1994

PROJECT:
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ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

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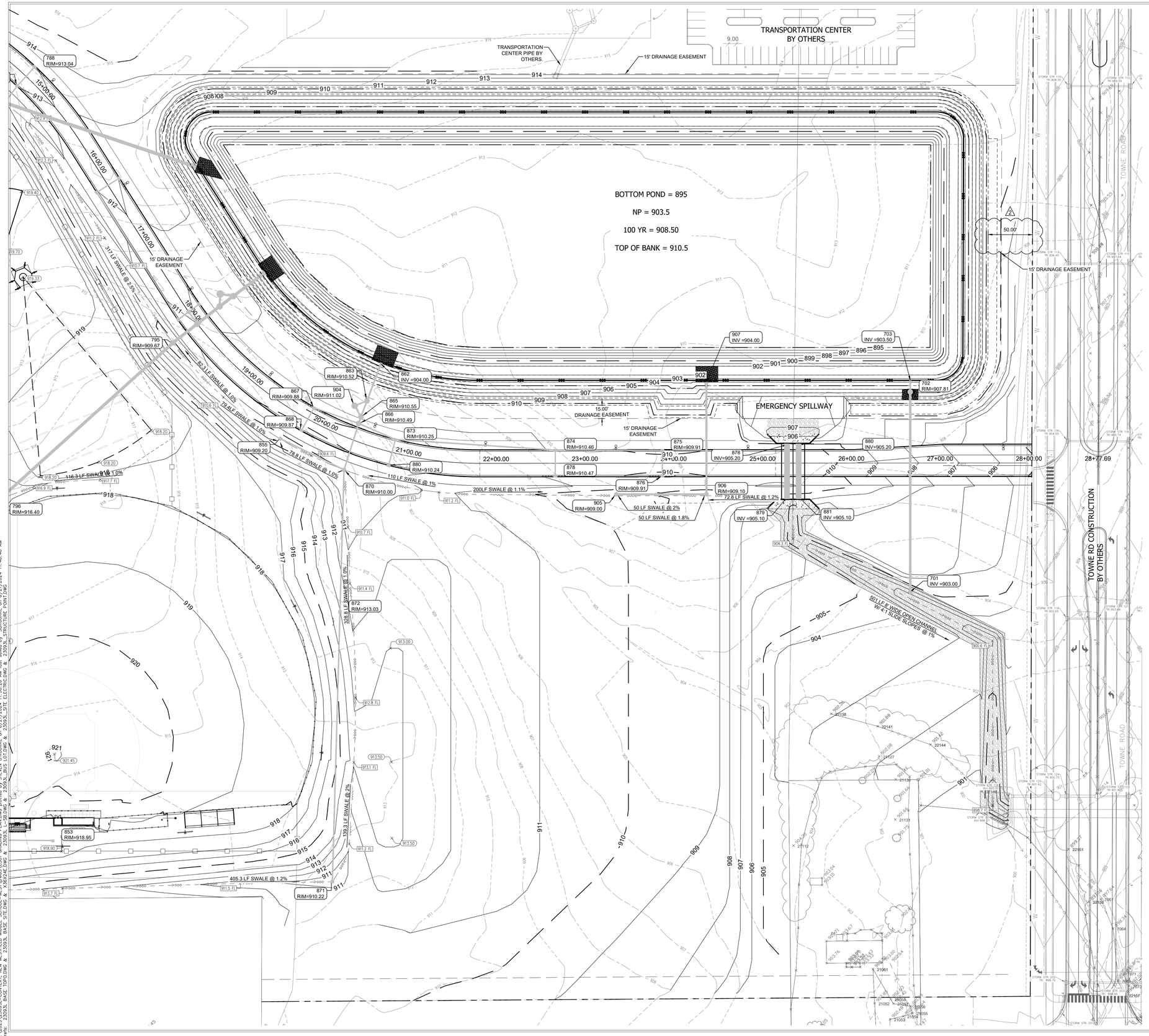
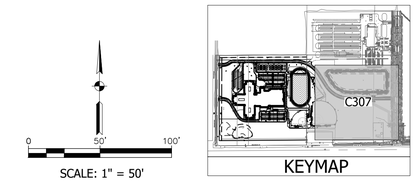
CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
C306

PROJECT NUMBER
2023061

Z:\2021\23093L-CONTEXT, NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\C301 GRADING PLAN.DWG plotted by STEVEN O'ROURKE on 6/14/2024 4:01:45 PM last saved by SOROURKE on 6/14/2024 4:01:45 PM
Xrefs: 23093L_BASE TOPO.DWG & 23093L_BASE SITE.DWG & X-BC24E.DWG & 23093L_C-SB.DWG & 23093L_BUS LOT.DWG & 23093L_SITE ELECTRIC.DWG & 23093L_STRUCTURE POINT.DWG





GRADING NOTES

1. TOPSOIL SHALL BE STRIPPED FROM ALL AREAS TO RECEIVE PAVING AND FROM WITHIN THE LIMITS OF PROPOSED BUILDINGS AND STRUCTURES. TOPSOIL SHALL BE STRIPPED TO THE DEPTH SHOWN IN THE GEOTECHNICAL REPORT, OR TO A DEPTH OF 6 INCHES, WHICHEVER IS GREATER.
2. TOPSOILSHALL BE PLACED TO A DEPTH OF 4 TO 6 INCHES IN ALL AREAS TO BE SEEDED OR SODDED PER THE SPECIFICATIONS.
3. EXCESS TOPSOIL MAY BE PLACED IN MOUNDING AREAS AND NONSTRUCTURAL FILL AREAS AS AVAILABLE.
4. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE SEEDED OR SODDED UNLESS OTHERWISE SHOWN.
5. FINAL GRADES AT THE PROJECT BOUNDARY SHALL MATCH EXISTING ELEVATIONS UNLESS OTHERWISE SHOWN.
6. THE CONTRACTOR SHALL PERFORM AN EARTHWORK QUANTITY ANALYSIS PRIOR TO COMMENCING CONSTRUCTION TO CONFIRM SUCH QUANTITIES WITH THE ENGINEER. ADJUSTMENTS TO PROPOSED FINISH GRADES BASED UPON THE EARTHWORK QUANTITY ANALYSIS SHALL BE APPROVED BY THE ENGINEER.

GRADING PLAN LEGEND

LINE TYPE / SYMBOL	DESCRIPTION	LINE TYPE / SYMBOL	DESCRIPTION
772.40ME	MATCH EXISTING		SWALE
772.40	PAVEMENT SPOT GRADE		POND BOTTOM
772.40LA	LAWN SPOT GRADE		POND CONTOUR
HP 772.40	GROUND SPOT GRADE HIGH POINT		POND NORMAL POOL
772.40FL	FLOW LINE SPOT GRADE	F.F.E.	FINISHED FLOOR ELEVATION
772.40TW	TOP OF WALL SPOT GRADE	HP	HIGH POINT
772.00 BW	BOTTOM OF WALL SPOT GRADE	LP	LOW POINT
771.20 T.C. 770.70 B.C.	TOP OF CURB AND BOTTOM OF CURB	801	INTERMEDIATE CONTOUR
HP 771.20 T.C. 770.70 B.C.	TOP OF CURB AND BOTTOM OF CURB HIGH POINT	800	INDEX CONTOUR
771.20 T.C. ME 770.70 B.C. ME	TOP OF CURB AND BOTTOM OF CURB MATCH EXISTING		EXISTING INTERMEDIATE CONTOUR
1.00%	FLOW DIRECTION w/GRADE		EXISTING INDEX CONTOUR
3:1	H:V RATIO GRADE		BREAKLINES
INV.=800.50	PIPE INVERT ELEVATION		
FR	FLOOD ROUTE		

POND NOTES:

1. INSTALL A 2-FT THICK COMPACTED CLAY LINER ON ALL POND BANKS AND BOTTOM. COMPACT TO 90% MODIFIED PROCTOR ASTM D-1557.
2. CLAY LINER MUST BE INSTALLED, COMPACTED AND APPROVED BEFORE ALLOWING SEDIMENT TO ENTER BASIN THROUGH PIPE SYSTEM.
3. CARE MUST BE TAKEN TO PROTECT CLAY LINER WHEN REMOVING COLLECTED SEDIMENT AFTER COMPLETION OF CONSTRUCTION.

Know what's below. Call before you dig.

APPROVAL PENDING NOT FOR CONSTRUCTION

CSO
Brett Hite
work: (317) 848-7800
email: BHite@csoinc.net
8901 Keystone Crossing | Indianapolis, IN 46240
317.848.7800 | csoinc.net

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A&F ENGINEERING
Transportation & Site Engineering
Carmel | Fort Wayne | Indianapolis

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. The Contract Documents are complementary and describe all work required for full performance and completion of the requirements of the Contract.
It is not intended that every incidental scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024
2	ADDENDUM #3	06/21/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

DRAWING TITLE:
GRADING PLAN

CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
C307

PROJECT NUMBER:
2023061

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Xrefs: 23093L_BASE TOPO.DWG & 23093L_BASE SITE.DWG & X36X24E.DWG & 23093L_SB.DWG & 23093L_BUS LOT.DWG & 23093L_SITE ELECTRIC.DWG & 23093L_STRUCTURE POINT.DWG
last saved by SPROURKE on 6/21/2024 11:50:26 AM



0 60' 120'

SCALE: 1" = 60'

EROSION CONTROL NOTES

1. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE DRAWINGS ARE CONSIDERED THE MINIMUM PRACTICES NECESSARY FOR COMPLIANCE WITH THE NPDES GENERAL PERMIT FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY AS IDENTIFIED UNDER SECTION 327-IAC-15-5 OF THE INDIANA ADMINISTRATIVE CODE. HOWEVER, SITE CONDITIONS, CONSTRUCTION METHODS, SEQUENCING OF WORK AND GENERAL PRACTICE MAY WARRANT VARIATION AND/OR ADDITIONS TO THE QUANTITIES AND LOCATIONS OF MEASURES AS SHOWN.
2. UNLESS OTHERWISE SHOWN, TEMPORARY CONTROL MEASURES SHALL BE REMOVED UPON SATISFACTORY ESTABLISHMENT OF PERMANENT VEGETATION.
3. SEE SHEET C407 FOR DETAILS AND SPECIFICATIONS REFERENCED ON THIS SHEET.
4. PERIMETER CONTROL MEASURES (I.E. SILT FENCE, DIVERSION DITCHES, TREE PROTECTION FENCING) SHALL BE INSTALLED PRIOR TO COMMENCING EARTHWORK ACTIVITIES.
5. IN ADDITION TO THE MAINTENANCE REQUIREMENTS IDENTIFIED FOR INDIVIDUAL MEASURES, ALL EROSION CONTROL MEASURES INSTALLED UNDER THIS PROJECT SHALL BE INSPECTED WEEKLY TO ENSURE THEY ARE FUNCTIONING PROPERLY. MEASURES FOUND TO BE DEFICIENT SHALL BE REPAIRED OR REPLACED IMMEDIATELY THEREAFTER.
6. THE CONTRACTOR SHALL MAINTAIN A STABLE CONSTRUCTION ENTRANCE AT ALL TIMES AND SHALL MAKE EFFORTS TO MINIMIZE THE ACCUMULATION OF SOIL, MUD AND DEBRIS ON ADJOINING ROADWAYS.
7. SYMBOLS FOR INLET PROTECTION MEASURES AND DITCH CHECKS ARE SHOWN LARGER THAN ACTUAL SIZE.
8. STABILIZATION MUST BE INITIATED BY THE END OF THE SEVENTH DAY THE AREA IS LEFT IDLE. THE STABILIZATION ACTIVITY MUST BE COMPLETED WITHIN FOURTEEN (14) DAYS AFTER INITIATION.
9. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY THE INSPECTOR.
10. PORTABLE TOILETS SHALL BE ANCHORED TO THE GROUND TO PREVENT TIPPING AND SPILLS.
11. TWENTY-FOUR (24) HOURS PRIOR TO A QUALIFYING PRECIPITATION EVENT OR BY THE END OF THE NEXT BUSINESS DAY FOLLOWING EACH MEASURABLE STORM EVENT (EXCLUDES ACCUMULATED SNOW EVENTS); WHICH IS DEFINED AS A PRECIPITATION ACCUMULATION EQUAL TO, OR GREATER THAN, ONE-HALF (0.50) INCH OF RAINFALL WITHIN A 24-HOUR PERIOD. IF NO RAIN EVENT OCCURS WITHIN THE WORK WEEK A MINIMUM OF ONE INSPECTION MUST OCCUR. IN THE EVENT OF MULTIPLE QUALIFYING EVENTS DURING THE WORK WEEK, NO MORE THAN THREE (3) INSPECTIONS WOULD BE REQUIRED TO MEET THE SELF-MONITORING COMMITMENT.

EROSION CONTROL LEGEND

LINE TYPE / SYMBOL	DESCRIPTION
	TEMPORARY CONSTRUCTION ENTRANCE 6 INCHES OF 2"-3" COARSE AGGREGATE (20'W x 50'L) Minimum
	CONCRETE WASHOUT
	DIVERSION BERM
	STABILIZED STAGING AREA (STABILIZE WITH #53 AGGREGATE IF WOVEN GEOTEXTILE OR STABLE VEGETATION AS REQUIRED TO PREVENT SEDIMENT FROM LEAVING CONSTRUCTION SITE.*

LINE TYPE / SYMBOL	DESCRIPTION
SF	SILT FENCE (SEDIMENT FENCE)
TP	TREE PROTECTION FENCE
	GRADING LIMITS
IP	TEMPORARY INLET PROTECTION
NPDES	NPDES PUBLIC NOTICE POSTING
T	PORTABLE TOILETS
D	DUMPSTER
CNST TRLR	CONSTRUCTION TRAILER
	ROCK CHECK DAM (MATERIAL: INDOT CLASS 2 RIPRAP)
	STONE CHECK DAM AT OUTLET
	DISCHARGE POINT (WHERE ON-SITE FLOW LEAVES SITE)

PRE-CONSTRUCTION SEQUENCING NOTES

1. EARTH MOVING ACTIVITIES MAY NOT BEGIN UNTIL AFTER ITEMS 2-4 HAVE BEEN COMPLETED.
2. DESIGNATE THE PERSON RESPONSIBLE FOR COMPLYING WITH THE ON-SITE SWPPP. COORDINATE RESPONSIBILITY FOR COMPLETING THE SITE REVIEW AFTER EACH ½" RAINFALL AND A MINIMUM OF ONE TIME A WEEK. NO MORE THAN THREE (3) REPORTS AREA REQUIRED IN A SINGLE WEEK.
3. POST THE CONTACT INFORMATION AT THE CONSTRUCTION ENTRANCE AS SHOWN ON THE PLANS. INCLUDE A COPY OF THE WESTFIELD STORM DRAINAGE APPROVAL AND THE CONTACT INFORMATION FOR THE PERSON RESPONSIBLE FOR IMPLEMENTING THE SWPPP.
4. INSTALL PERIMETER PROTECTION (SILT FENCE ETC.) ,CONSTRUCTION ENTRANCE, INLET PROTECTION, TREE PROTECTION FENCE, AND CONCRETE WASHOUT AS SHOWN ON THE PLANS.
5. INSTALL PORT-A-LET, AND COVERED CONSTRUCTION DUMPSTER.
6. PERFORM REQUIRED SITE DEMOLITION AND CLEARING.
7. STRIP TOPSOIL AND STORE OFFSITE.
8. PERFORM MASS GRADING FOLLOWED BY UTILITY INSTALLATION. MAINTAIN STORM INLET PROTECTION UNTIL SITE IS STABILIZED AND EROSION WILL NOT LIKELY OCCUR.
9. MAINTAIN ALL INLET PROTECTION, AND SILT FENCING ON THE SITE PROJECT BY CLEANING OUT EVERY WEEK AND AFTER EVERY RAIN EVENT OF 1/2" OR GREATER DEPTH.
10. IF WORK ON SITE WILL STOP FOR 2 WEEKS OR MORE AFTER COMPLETION OF MASS GRADING, INSTALL TEMPORARY SEED AS INDICATED ON THIS SHEET AND SHEET C407.
11. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES MAY BE REQUIRED BY THE INSPECTOR.

THERE SHALL BE NO DIRT, DEBRIS, OR STORAGE OF MATERIAL IN THE STREET

ADJACENT ROADS MUST BE SWEPT DAILY

APPROVAL PENDING NOT FOR CONSTRUCTION

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Brett Hite
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317.848.7800 | csoinc.net

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A&F ENGINEERING
Transportation & Site Engineering
Serving Central Indiana

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of construction anticipated for the project.
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On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

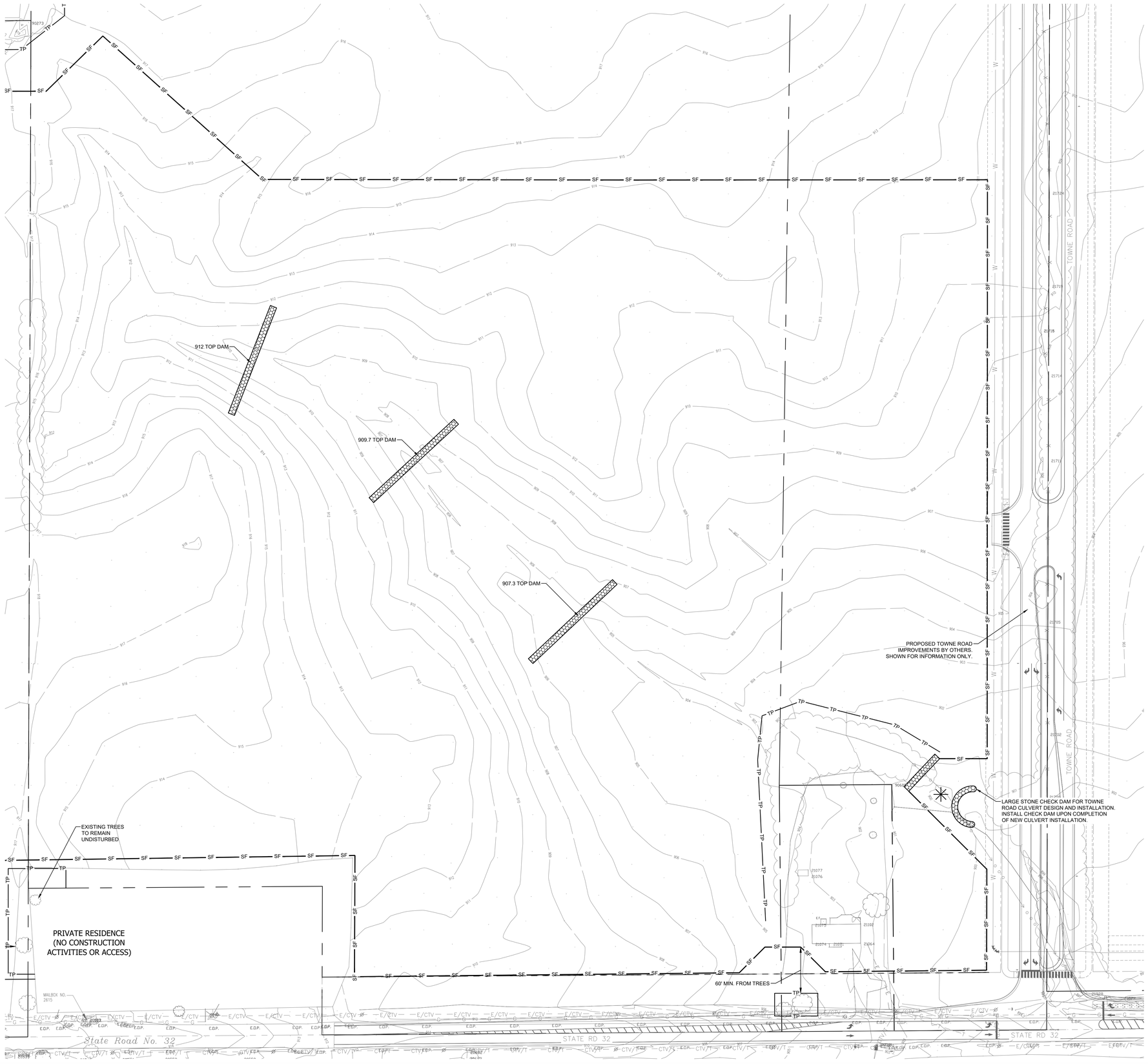
DRAWING TITLE:
SWPPP PLAN (INITIAL)

CERTIFIED BY:
KAREN K. COLLINS REGISTERED No. 10404538 STATE OF INDIANA PROFESSIONAL ENGINEER
Karen Collins

DRAWING NUMBER
C401

PROJECT NUMBER
2023061

Z:\2023\23093L-CONTEXT, NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\C401 SWPPP PLAN (INITIAL).DWG plotted by STEVEN O'ROURKE on 6/13/2024 8:24:15 PM last saved by NMACK on 6/5/2024 10:53:58 AM
Xrefs: 23093L_BASE TOPO.DWG & X36X24E.DWG & 23093L_STRUCTURE POINT.DWG



0 60' 120'

SCALE: 1" = 60'

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EROSION CONTROL LEGEND

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	CONCRETE WASHOUT	TP	TREE PROTECTION FENCE
	DIVERSION BERM		GRADING LIMITS
	STABILIZED STAGING AREA (STABILIZE WITH #53 AGGREGATE IF WOVEN GEOTEXTILE OR STABLE VEGETATION AS REQUIRED TO PREVENT SEDIMENT FROM LEAVING CONSTRUCTION SITE."	IP	TEMPORARY INLET PROTECTION
		NPDES	NPDES PUBLIC NOTICE POSTING
		T	PORTABLE TOILETS
		D	DUMPSTER
		CNST TRLR	CONSTRUCTION TRAILER
			ROCK CHECK DAM (MATERIAL: INDOT CLASS 2 RIPRAP)
			STONE CHECK DAM AT OUTLET
			DISCHARGE POINT (WHERE ON-SITE FLOW LEAVES SITE)

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APPROVAL PENDING NOT FOR CONSTRUCTION

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A&F ENGINEERING
Transportation & Site Engineering
Closing Center Since 1994

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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On the basis of the general scope indicated or described, the contractor shall provide all labor and materials required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

DRAWING TITLE:
SWPPP PLAN (INITIAL)

CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER
Karen Collins

DRAWING NUMBER
C402

PROJECT NUMBER
2023061

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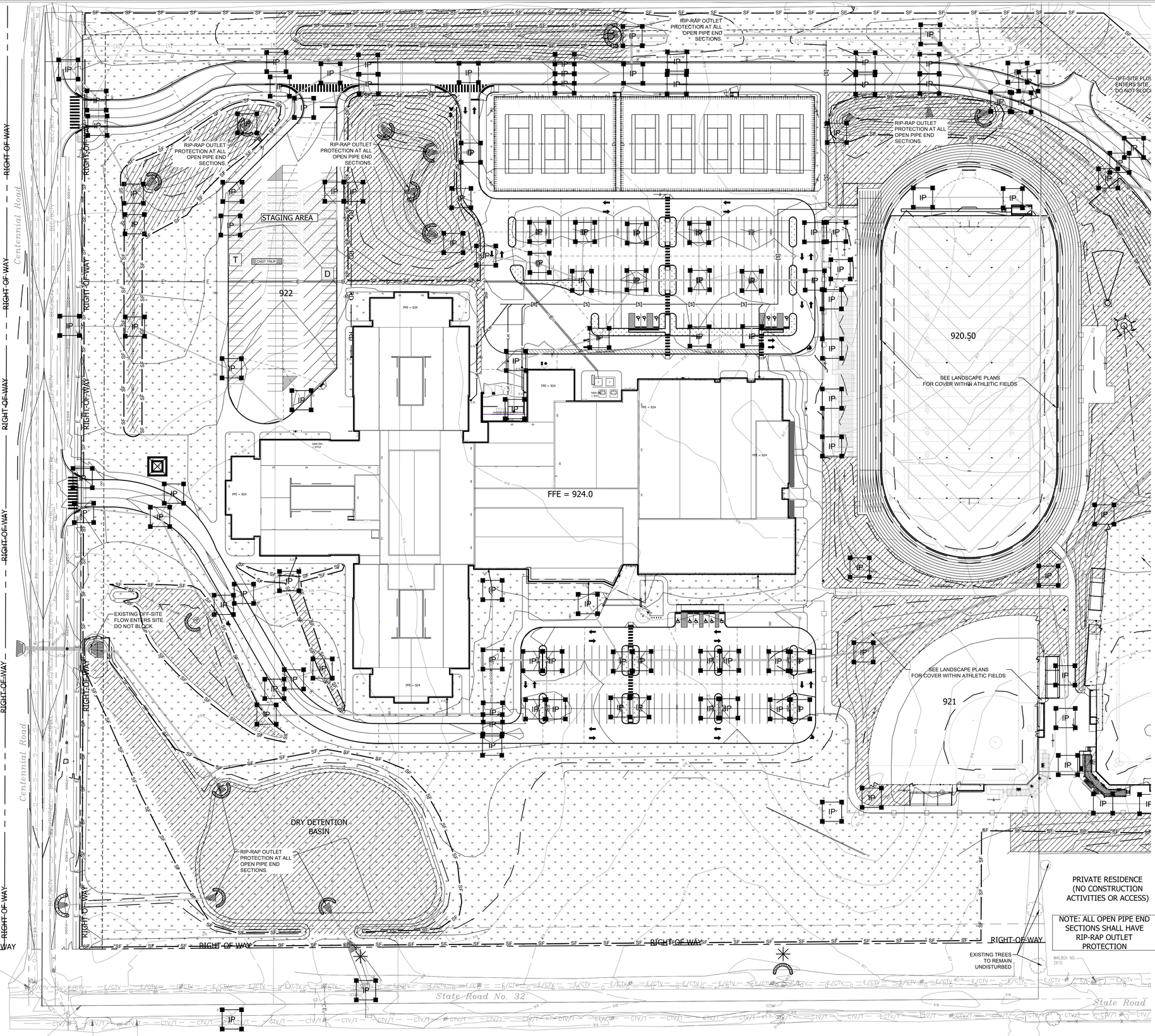
Xrefs: 23093L BASE TOPO.DWG & X:\BIM\AE\DWG & 23093L_STRUCTURE POINT.DWG



0 60' 120'

SCALE: 1" = 60'

EROSION CONTROL NOTES

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7. SYMBOLS FOR INLET PROTECTION MEASURES AND DITCH CHECKS ARE SHOWN LARGER THAN ACTUAL SIZE.
8. STABILIZATION MUST BE INITIATED BY THE END OF THE SEVENTH DAY THE AREA IS LEFT IDLE. THE STABILIZATION ACTIVITY MUST BE COMPLETED WITHIN FOURTEEN (14) DAYS AFTER INITIATION OR AS INDICATED FOR PHASING OR AS INDICATED FOR LON G TERM STABILIZATION.
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EROSION CONTROL LEGEND

LINE TYPE / SYMBOL	DESCRIPTION
	TEMPORARY CONSTRUCTION ENTRANCE 6 INCHES OF 2"-3" COARSE AGGREGATE (20'W x 50'L) Minimum
	CONCRETE WASHOUT
	DIVERSION BERM
	STABILIZED STAGING AREA (STABILIZE WITH #53 AGGREGATE IF WOVEN GEOTEXTILE OR STABLE VEGETATION AS REQUIRED TO PREVENT SEDIMENT FROM LEAVING CONSTRUCTION SITE."
	PERMANENT SEED AND STRAW MULCH AND/OR EROSION CONTROL BLANKET DEPENDING ON SEASON AND CONSTRUCTION REQUIREMENTS. SEE EROSION PLAN C404 FOR PERMANENT SEED MIX SPECIFICATIONS.
	NORTH AMERICAN GREEN SC150 BN EROSION CONTROL BLANKET OVER PERMANENT SEED. SEE EROSION PLAN C407 FOR SEED MIX SPECIFICATIONS.
	SOD
	INSTALL NAG SC250 TURF REINFORCEMENT MAT OVER PERMANENT SEED OVER ENTIRE EMERGENCY SPILLWAY
	SOIL STOCK PILES

LINE TYPE / SYMBOL	DESCRIPTION
SF	SILT FENCE (SEDIMENT FENCE)
TP	TREE PROTECTION FENCE
	GRADING LIMITS
	TEMPORARY INLET PROTECTION
	NPDES PUBLIC NOTICE POSTING
T	PORTABLE TOILETS
CNST TRLR	CONSTRUCTION TRAILER
	ROCK CHECK DAM (MATERIAL: INDOT CLASS 2 RIPRAP)
D	DUMPSTER
	STONE CHECK DAM AT OUTLET
	RIPRAP OUTLET/CHANNEL PROTECTION
	DISCHARGE POINT (WHERE STORMWATER LEAVES SITE)
	RIP-RAP @ CULVERT INLET/OUTLET

PRE-CONSTRUCTION SEQUENCING NOTES

1. EARTH MOVING ACTIVITIES MAY NOT BEGIN UNTIL AFTER ITEMS 2-4 HAVE BEEN COMPLETED.
2. DESIGNATE THE PERSON RESPONSIBLE FOR COMPLYING WITH THE ON-SITE SWPPP. COORDINATE RESPONSIBILITY FOR COMPLETING THE SITE REVIEW AFTER EACH ½" RAINFALL AND A MINIMUM OF ONE TIME A WEEK. NO MORE THAN THREE (3) REPORTS AREA REQUIRED IN A SINGLE WEEK.
3. POST THE CONTACT INFORMATION AT THE CONSTRUCTION ENTRANCE AS SHOWN ON THE PLANS. INCLUDE A COPY OF THE WESTFIELD STORM DRAINAGE APPROVAL AND THE CONTACT INFORMATION FOR THE PERSON RESPONSIBLE FOR IMPLEMENTING THE SWPPP.
4. INSTALL SILT FENCE,CONSTRUCTION ENTRANCE, INLET PROTECTION AND CONCRETE WASHOUT AS SHOWN ON THE PLANS.
5. INSTALL PORT-A-LET, AND COVERED CONSTRUCTION DUMPSTER.
6. PERFORM REQUIRED SITE DEMOLITION AND CLEARING.
7. STRIP TOPSOIL AND STORE OFFSITE.
8. PERFORM MASS GRADING FOLLOWED BY UTILITY INSTALLATION. MAINTAIN STORM INLET PROTECTION UNTIL SITE IS STABILIZED AND EROSION WILL NOT LIKELY OCCUR.
9. MAINTAIN ALL INLET PROTECTION, AND SILT FENCING ON THE SITE PROJECT BY CLEANI EVERY WEEK AND AFTER EVERY RAIN EVENT OF 1/2" OR GREATER DEPTH.
10. IF WORK ON SITE WILL STOP FOR 2 WEEKS OR MORE AFTER COMPLETION INSTALL TEMPORARY SEED AS INDICATED ON THIS SHEET AND SHEET
11. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES

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A&F ENGINEERING
Transportation & Site Engineering
Closing Center Area Map

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of construction and finishes. They indicate, for the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The Contract Documents (Specifications) describe all work required for full performance and completion of the requirements of the Contract.
The Contractor shall perform all work scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

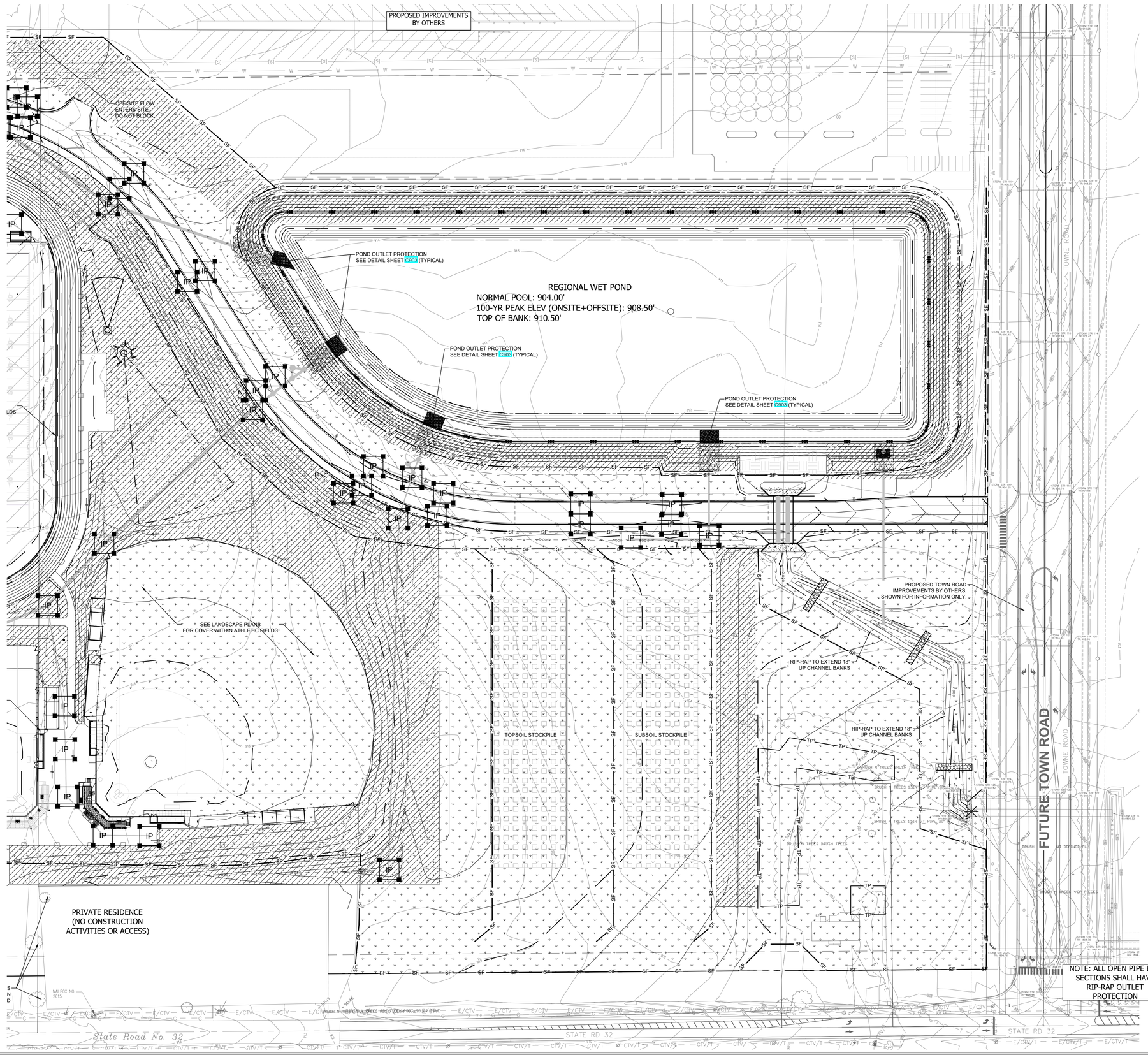
DRAWING TITLE:
SWPPP PLAN (CONST.)

CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
C403

PROJECT NUMBER
2023061

Z:\2023\23093L-CONTEXT, NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\C403 SWPPP PLAN (CONSTRUCTION).DWG plotted by STEVEN O'ROURKE on 6/13/2024 8:25:50 PM last saved by SOROURKE on 6/11/2024 12:41:28 PM
Xrefs: 23093L_BASE TOPO.DWG & 23093L_BASE SITE.DWG & X26X24E.DWG & 23093L_L-SB.DWG & 23093L_BUS LOT.DWG & 23093L_STRUCTURE POINT.DWG & 23093L_SITE ELECTRIC.DWG



0 60' 120'

SCALE: 1" = 60'

EROSION CONTROL NOTES

1. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE DRAWINGS ARE CONSIDERED THE MINIMUM PRACTICES NECESSARY FOR COMPLIANCE WITH THE NPDES GENERAL PERMIT FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY AS IDENTIFIED UNDER SECTION 327-IAC-15-5 OF THE INDIANA ADMINISTRATIVE CODE. HOWEVER, SITE CONDITIONS, CONSTRUCTION METHODS, SEQUENCING OF WORK AND GENERAL PRACTICE MAY WARRANT VARIATION AND/OR ADDITIONS TO THE QUANTITIES AND LOCATIONS OF MEASURES AS SHOWN.
2. UNLESS OTHERWISE SHOWN, TEMPORARY CONTROL MEASURES SHALL BE REMOVED UPON SATISFACTORY ESTABLISHMENT OF PERMANENT VEGETATION.
3. SEE SHEET C407 FOR DETAILS AND SPECIFICATIONS REFERENCED ON THIS SHEET.
4. PERIMETER CONTROL MEASURES (I.E. SILT FENCE, DIVERSION DITCHES, TREE PROTECTION FENCING) SHALL BE INSTALLED PRIOR TO COMMENCING EARTHWORK ACTIVITIES.
5. IN ADDITION TO THE MAINTENANCE REQUIREMENTS IDENTIFIED FOR INDIVIDUAL MEASURES, ALL EROSION CONTROL MEASURES INSTALLED UNDER THIS PROJECT SHALL BE INSPECTED WEEKLY TO ENSURE THEY ARE FUNCTIONING PROPERLY. MEASURES FOUND TO BE DEFICIENT SHALL BE REPAIRED OR REPLACED IMMEDIATELY THEREAFTER.
6. THE CONTRACTOR SHALL MAINTAIN A STABLE CONSTRUCTION ENTRANCE AT ALL TIMES AND SHALL MAKE EFFORTS TO MINIMIZE THE ACCUMULATION OF SOIL, MUD AND DEBRIS ON ADJOINING ROADWAYS.
7. SYMBOLS FOR INLET PROTECTION MEASURES AND DITCH CHECKS ARE SHOWN LARGER THAN ACTUAL SIZE.
8. STABILIZATION MUST BE INITIATED BY THE END OF THE SEVENTH DAY THE AREA IS LEFT IDLE. THE STABILIZATION ACTIVITY MUST BE COMPLETED WITHIN FOURTEEN (14) DAYS AFTER INITIATION OR AS INDICATED FOR PHASING OR AS INDICATED FOR LON G TERM STABILIZATION.
9. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY THE INSPECTOR.
10. PORTABLE TOILETS SHALL BE ANCHORED TO THE GROUND TO PREVENT TIPPING AND SPILLS.
11. TWENTY-FOUR (24) HOURS PRIOR TO A QUALIFYING PRECIPITATION EVENT OR BY THE END OF THE NEXT BUSINESS DAY FOLLOWING EACH MEASURABLE STORM EVENT (EXCLUDES ACCUMULATED SNOW EVENTS); WHICH IS DEFINED AS A PRECIPITATION ACCUMULATION EQUAL TO, OR GREATER THAN, ONE-HALF (0.50) INCH OF RAINFALL WITHIN A 24-HOUR PERIOD. IF NO RAIN EVENT OCCURS WITHIN THE WORK WEEK A MINIMUM OF ONE INSPECTION MUST OCCUR. IN THE EVENT OF MULTIPLE QUALIFYING EVENTS DURING THE WORK WEEK, NO MORE THAN THREE (3) INSPECTIONS WOULD BE REQUIRED TO MEET THE SELF-MONITORING COMMITMENT.

EROSION CONTROL LEGEND

LINE TYPE / SYMBOL	DESCRIPTION
	TEMPORARY CONSTRUCTION ENTRANCE 6 INCHES OF 2"-3" COARSE AGGREGATE (20'W x 50'L) Minimum
	CONCRETE WASHOUT
	DIVERSION BERM
	STABILIZED STAGING AREA (STABILIZE WITH #53 AGGREGATE IF WOVEN GEOTEXTILE OR STABLE VEGETATION AS REQUIRED TO PREVENT SEDIMENT FROM LEAVING CONSTRUCTION SITE."
	PERMANENT SEED AND STRAW MULCH AND/OR EROSION CONTROL BLANKET DEPENDING ON SEASON AND CONSTRUCTION REQUIREMENTS. SEE EROSION PLAN C404 FOR PERMANENT SEED MIX SPECIFICATIONS.
	NORTH AMERICAN GREEN SC150 BN EROSION CONTROL BLANKET OVER PERMANENT SEED. SEE EROSION PLAN C407 FOR SEED MIX SPECIFICATIONS.
	SOD
	INSTALL NAG SC250 TURF REINFORCEMENT MAT OVER PERMANENT SEED OVER ENTIRE EMERGENCY SPILLWAY
	SOIL STOCK PILES

LINE TYPE / SYMBOL	DESCRIPTION
SF	SILT FENCE (SEDIMENT FENCE)
TP	TREE PROTECTION FENCE
	GRADING LIMITS
	TEMPORARY INLET PROTECTION
	NPDES PUBLIC NOTICE POSTING
T	PORTABLE TOILETS
CNST TRLR	CONSTRUCTION TRAILER
	ROCK CHECK DAM (MATERIAL: INDOT CLASS 2 RIPRAP)
D	DUMPSTER
	STONE CHECK DAM AT OUTLET
	RIPRAP OUTLET/CHANNEL PROTECTION
	DISCHARGE POINT (WHERE STORMWATER LEAVES SITE)
	RIP-RAP @ CULVERT INLET/OUTLET

PRE-CONSTRUCTION SEQUENCING NOTES

1. EARTH MOVING ACTIVITIES MAY NOT BEGIN UNTIL AFTER ITEMS 2-4 HAVE BEEN COMPLETED.
2. DESIGNATE THE PERSON RESPONSIBLE FOR COMPLYING WITH THE ON-SITE SWPPP. COORDINATE RESPONSIBILITY FOR COMPLETING THE SITE REVIEW AFTER EACH ½" RAINFALL AND A MINIMUM OF ONE TIME A WEEK. NO MORE THAN THREE (3) REPORTS AREA REQUIRED IN A SINGLE WEEK.
3. POST THE CONTACT INFORMATION AT THE CONSTRUCTION ENTRANCE AS SHOWN ON THE PLANS. INCLUDE A COPY OF THE WESTFIELD STORM DRAINAGE APPROVAL AND THE CONTACT INFORMATION FOR THE PERSON RESPONSIBLE FOR IMPLEMENTING THE SWPPP.
4. INSTALL SILT FENCE CONSTRUCTION ENTRANCE, INLET PROTECTION AND CONCRETE WASHOUT AS SHOWN ON THE PLANS.
5. INSTALL PORT-A-LET, AND COVERED CONSTRUCTION DUMPSTER.
6. PERFORM REQUIRED SITE DEMOLITION AND CLEARING.
7. STRIP TOPSOIL AND STORE OFFSITE.
8. PERFORM MASS GRADING FOLLOWED BY UTILITY INSTALLATION. MAINTAIN STORM INLET PROTECTION UNTIL SITE IS STABILIZED AND EROSION WILL NOT LIKELY OCCUR.
9. MAINTAIN ALL INLET PROTECTION, AND SILT FENCING ON THE SITE PROJECT BY CLE... EVERY WEEK AND AFTER EVERY RAIN EVENT OF 1/2" OR GREATER DEPTH.
10. IF WORK ON SITE WILL STOP FOR 2 WEEKS OR MORE AFTER COMPLET... INSTALL TEMPORARY SEED AS INDICATED ON THIS SHEET AND SHEET...
11. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURE...

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of demolition and new work. They indicate the size of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The Contract Documents are complementary and describe all work required for full performance and completion of the requirements of the Contract.
All work shall be of the general scope indicated or described in the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

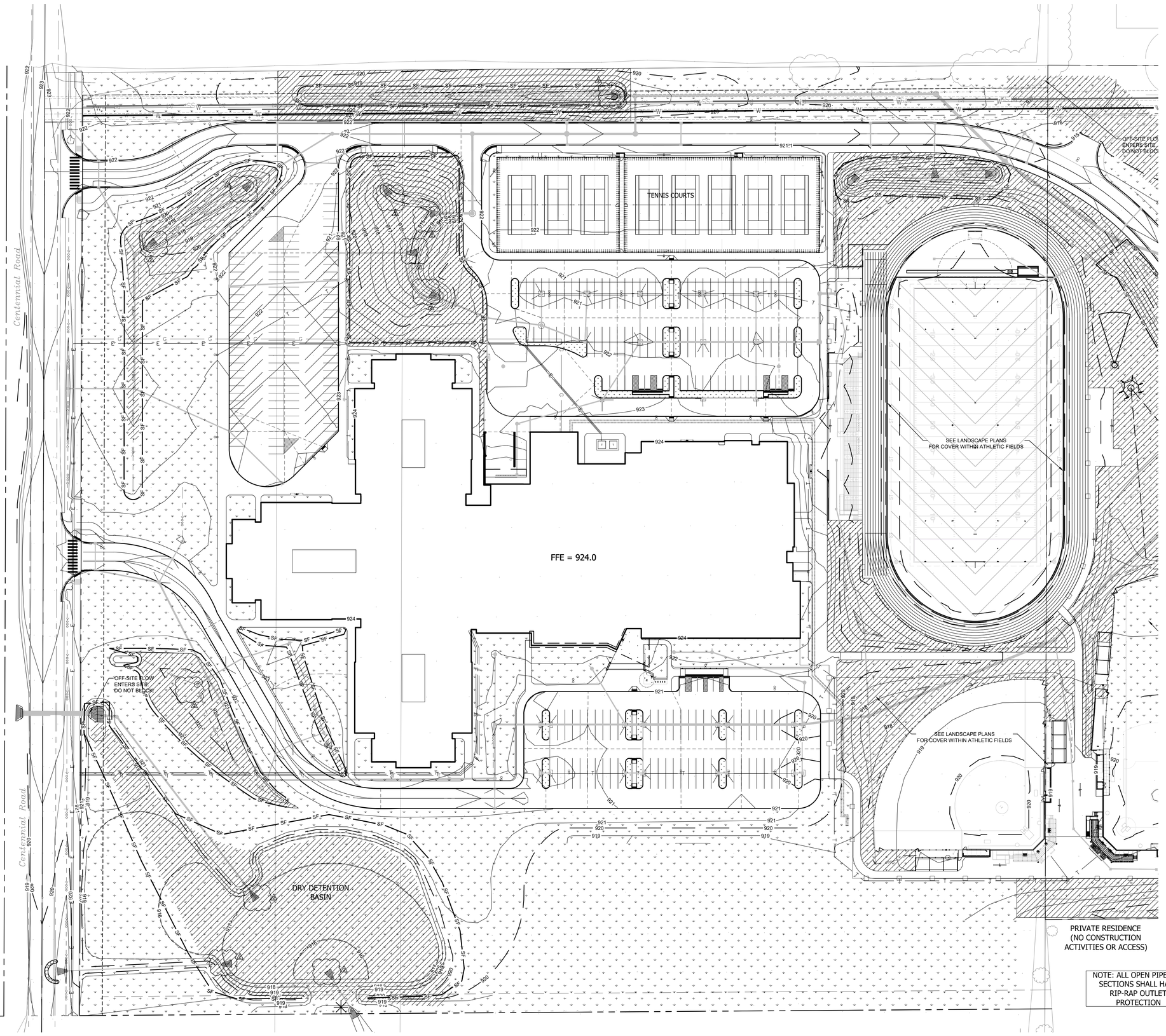
DRAWING TITLE:
SWPPP PLAN (CONST.)

CERTIFIED BY:
KAREN K. COLLINS REGISTERED No. 10404538 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWING NUMBER
C404

PROJECT NUMBER
2023061

Z:\2023\2309JL-CONTEXT, NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\C403 SWPPP PLAN (CONSTRUCTION).DWG plotted by STEVEN O'ROURKE on 6/14/2024 4:02:42 PM last saved by NMACK on 6/14/2024 1:22:15 PM
Xrefs: 2309JL BASE TOPO.DWG & 2309JL BASE SITE.DWG & X26X24E.DWG & 2309JL L-SB.DWG & 2309JL_BUS LOT.DWG & 2309JL_STRUCTURE POINT.DWG & 2309JL_SITE ELECTRIC.DWG



0 60' 120'

SCALE: 1" = 60'

EROSION CONTROL NOTES

1. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE DRAWINGS ARE CONSIDERED THE MINIMUM PRACTICES NECESSARY FOR COMPLIANCE WITH THE NPDES GENERAL PERMIT FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY AS IDENTIFIED UNDER SECTION 327-IAC-15-5 OF THE INDIANA ADMINISTRATIVE CODE. HOWEVER, SITE CONDITIONS, CONSTRUCTION METHODS, SEQUENCING OF WORK AND GENERAL PRACTICE MAY WARRANT VARIATION AND/OR ADDITIONS TO THE QUANTITIES AND LOCATIONS OF MEASURES AS SHOWN.
2. UNLESS OTHERWISE SHOWN, TEMPORARY CONTROL MEASURES SHALL BE REMOVED UPON SATISFACTORY ESTABLISHMENT OF PERMANENT VEGETATION.
3. SEE SHEET C407 FOR DETAILS AND SPECIFICATIONS REFERENCED ON THIS SHEET.
4. PERIMETER CONTROL MEASURES (I.E. SILT FENCE, DIVERSION DITCHES, TREE PROTECTION FENCING) SHALL BE INSTALLED PRIOR TO COMMENCING EARTHWORK ACTIVITIES.
5. IN ADDITION TO THE MAINTENANCE REQUIREMENTS IDENTIFIED FOR INDIVIDUAL MEASURES, ALL EROSION CONTROL MEASURES INSTALLED UNDER THIS PROJECT SHALL BE INSPECTED WEEKLY TO ENSURE THEY ARE FUNCTIONING PROPERLY. MEASURES FOUND TO BE DEFICIENT SHALL BE REPAIRED OR REPLACED IMMEDIATELY THEREAFTER.
6. THE CONTRACTOR SHALL MAINTAIN A STABLE CONSTRUCTION ENTRANCE AT ALL TIMES AND SHALL MAKE EFFORTS TO MINIMIZE THE ACCUMULATION OF SOIL, MUD AND DEBRIS ON ADJOINING ROADWAYS.
7. SYMBOLS FOR INLET PROTECTION MEASURES AND DITCH CHECKS ARE SHOWN LARGER THAN ACTUAL SIZE.
8. STABILIZATION MUST BE INITIATED BY THE END OF THE SEVENTH DAY THE AREA IS LEFT IDLE. THE STABILIZATION ACTIVITY MUST BE COMPLETED WITHIN FOURTEEN (14) DAYS AFTER INITIATION OR AS INDICATED FOR PHASING AND LONG TERM SITE STABILIZATION.
9. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY THE INSPECTOR.
10. PORTABLE TOILETS SHALL BE ANCHORED TO THE GROUND TO PREVENT TIPPING AND SPILLS.
11. TWENTY-FOUR (24) HOURS PRIOR TO A QUALIFYING PRECIPITATION EVENT OR BY THE END OF THE NEXT BUSINESS DAY FOLLOWING EACH MEASURABLE STORM EVENT (EXCLUDES ACCUMULATED SNOW EVENTS), WHICH IS DEFINED AS A PRECIPITATION ACCUMULATION EQUAL TO, OR GREATER THAN, ONE-HALF (0.50) INCH OF RAINFALL WITHIN A 24-HOUR PERIOD. IF NO RAIN EVENT OCCURS WITHIN THE WORK WEEK A MINIMUM OF ONE INSPECTION MUST OCCUR. IN THE EVENT OF MULTIPLE QUALIFYING EVENTS DURING THE WORK WEEK, NO MORE THAN THREE (3) INSPECTIONS WOULD BE REQUIRED TO MEET THE SELF-MONITORING COMMITMENT.

EROSION CONTROL LEGEND

LINE TYPE / SYMBOL	DESCRIPTION
	PERMANENT SEED AND STRAW MULCH AND/OR EROSION CONTROL BLANKET DEPENDING ON SEASON AND CONSTRUCTION REQUIREMENTS. SEE EROSION PLAN C407 FOR PERMANENT SEED MIX SPECIFICATIONS.
	NORTH AMERICAN GREEN SC150 BN EROSION CONTROL BLANKET OVER PERMANENT SEED. SEE EROSION PLAN C407 FOR SEED MIX SPECIFICATIONS.
	SOD
	RIPRAP OUTLET/CHANNEL PROTECTION

LINE TYPE / SYMBOL	DESCRIPTION
	DISCHARGE POINT (WHERE STORMWATER LEAVES SITE)
	NORTH AMERICAN GREEN SC250 PERMANENT TURF REINFORCEMENT MAT OVER PERMANENT SEED. SEE EROSION PLAN C407 FOR SEED MIX SPECIFICATIONS.
	RIP-RAP @ CULVERT INLET/OUTLET
SF	SILT FENCE (SEDIMENT FENCE)
	INSTALL NAG SC250 TURF REINFORCEMENT MAT OVER PERMANENT SEED OVER ENTIRE EMERGENCY SPILLWAY

CONSTRUCTION & POST CONSTRUCTION SEQUENCING NOTES

1. REPAIR OR REPLACE ALL EXISTING SILT FENCE, CHECK DAMS OR INLET PROTECTION DAMAGED DURING EARTHWORK OR CONSTRUCTION ACTIVITIES.
2. DESIGNATE THE PERSON RESPONSIBLE FOR COMPLYING WITH THE ON-SITE SWPPP INSPECTIONS UNTIL ALL DISTURBED AREAS ON SITE SITE HAVE REACHED 70 PERCENT VEGETATIVE COVER DENSITY.
3. IF WORK OR CONSTRUCTION HAS STOPPED FOR 7 DAYS OR MORE BEFORE PERMANENT SEED IS APPLIED, INSTALL TEMPORARY SEED AND MULCH AS DESCRIBED ON SHEET C405. COORDINATE RESPONSIBILITY FOR COMPLETING THE SITE REVIEW AFTER EACH ½" RAINFALL AND A MINIMUM OF ONE TIME A WEEK. NO MORE THAN THREE (3) REPORTS AREA REQUIRED IN A SINGLE WEEK.
4. FOR ALL PHASES, COMPLETE MASS GRADING AND EXCAVATION. INSTALL ALL UTILITIES AS INDICATED. HAUL ALL EXCESS EXCAVATION SPOILS OFFSITE.
6. COMPLETE FILL, BACKFILL, AND ROUGH GRADING REQUIRED TO RETURN ALL AREAS WITHIN CONSTRUCTION ZONE TO SUBGRADE GRADE ELEVATION INDICATED ON PLANS. ALL FILL MATERIAL UNDER PAVEMENT OR BUILDINGS SHALL BE APPROVED BY ON-SITE GEOTECHNICAL ENGINEER.
7. PREPARE ALL PAVEMENT SUBGRADES PER PLANS AND SPECIFICATIONS.
8. MAINTAIN ALL INLET PROTECTION, CHECK DAMS AND SILT FENCING IN THE SITE PROJECT BY CLEANING OUT EVERY WEEK AND AFTER EVERY RAIN EVENT OF 1/2" OR GREATER DEPTH.
9. PERFORM FINAL GRADING AND SEEDBED PREPARATION.
10. PLACE PERMANENT SEEDING AND MULCH OR EROSION CONTROL BLANKET WITHIN 30 HOURS OF SEEDBED PREPARATION. INSTALL EROSION CONTROL BLANKETS INDICATED ON PLANS.
11. FINAL STABILIZATION IS CONSIDERED COMPLETE WHEN ALL LAND DISTURBING ACTIVITIES HAVE BEEN COMPLETED AND A UNIFORM VEGETATED SURFACE WITH 70% DENSITY IS ACHIEVED ON ALL DISTURBED/DENUDED AREAS AND AREAS NOT HAVING A PERMANENT STRUCTURE. THE CONTRACTOR SHALL OVER-SEED AS REQUIRED TO OBTAIN 70 PERCENT VEGETATIVE DENSITY IF REQUIRED.
12. AFTER SITE HAS REACHED 70% VEGETATIVE COVER, CONTRACTOR SHALL REMOVE REMAINING TEMPORARY BMP STRUCTURES AND REPAIR AND RE-SEED ANY DISTURBED AREAS AS REQUIRED.
13. ONCE THE CONSTRUCTION ACTIVITY IS COMPLETED (BY PERMIT LANGUAGE, WHEN FINAL STABILIZATION HAS OCCURRED), A COMPLETED STORMWATER GENERAL PERMIT NOTICE OF TERMINATION (NOT) MUST BE SUBMITTED TO IDEM.

THERE SHALL BE NO DIRT, DEBRIS, OR STORAGE OF MATERIAL IN THE STREET

ADJACENT ROADS MUST BE SWEPT DAILY

NOTE: ALL OPEN PIPE END SECTIONS SHALL HAVE RIP-RAP OUTLET PROTECTION

APPROVAL PENDING NOT FOR CONSTRUCTION

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A&F ENGINEERING
Transportation & Site Engineering
Closing Center Since 1994

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project and establish minimum standards for the quality of the work, the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily include or describe all work required for full performance and completion of the intended work of the project.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024
2	ADDENDUM #4	06/26/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

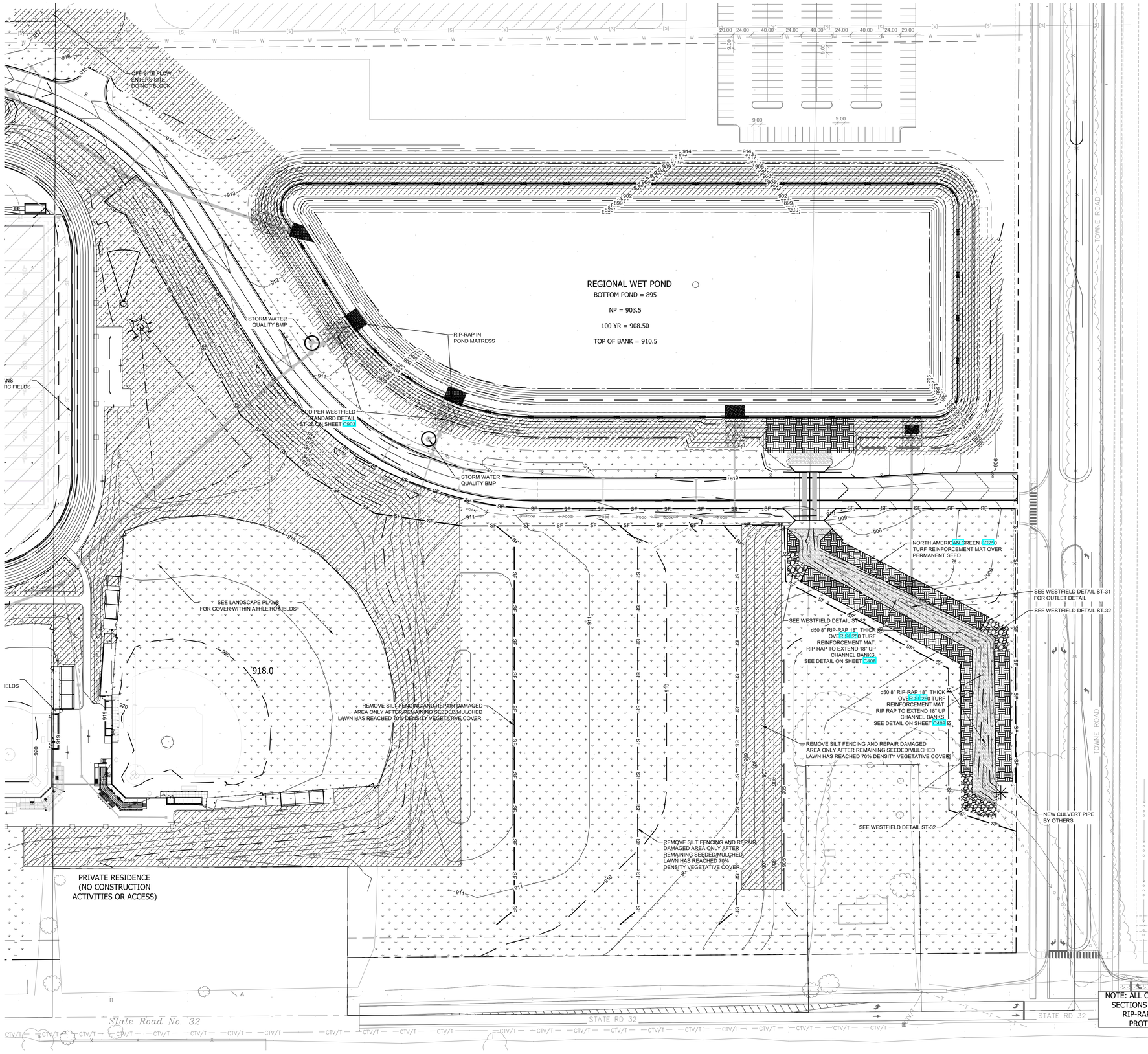
DRAWING TITLE:
SWPPP PLAN (FINAL)

CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
C405

PROJECT NUMBER:
2023061

Z:\2023\2309JL-CONTEXT, NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\C405 SWPPP PLAN (FINAL).DWG plotted by STEVEN O'ROURKE on 6/26/2024 4:10:16 PM last saved by SOROURKE on 6/26/2024 9:06:24 AM
Xrefs: 2309JL_BASE TOPO.DWG & 2309JL_BASE SITE.DWG & X36X24E.DWG & 2309JL_L-SB.DWG & 2309JL_BUS LOT.DWG & 2309JL_STRUCTURE POINT.DWG & 2309JL_SITE ELECTRIC.DWG & 2309JL_ARCH BASE.DWG



0 60' 120'

SCALE: 1" = 60'

EROSION CONTROL NOTES

1. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE DRAWINGS ARE CONSIDERED THE MINIMUM PRACTICES NECESSARY FOR COMPLIANCE WITH THE NPDES GENERAL PERMIT FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY AS IDENTIFIED UNDER SECTION 327-IAC-15-5 OF THE INDIANA ADMINISTRATIVE CODE. HOWEVER, SITE CONDITIONS, CONSTRUCTION METHODS, SEQUENCING OF WORK AND GENERAL PRACTICE MAY WARRANT VARIATION AND/OR ADDITIONS TO THE QUANTITIES AND LOCATIONS OF MEASURES AS SHOWN.
2. UNLESS OTHERWISE SHOWN, TEMPORARY CONTROL MEASURES SHALL BE REMOVED UPON SATISFACTORY ESTABLISHMENT OF PERMANENT VEGETATION.
3. SEE SHEET C407 FOR DETAILS AND SPECIFICATIONS REFERENCED ON THIS SHEET.
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6. THE CONTRACTOR SHALL MAINTAIN A STABLE CONSTRUCTION ENTRANCE AT ALL TIMES AND SHALL MAKE EFFORTS TO MINIMIZE THE ACCUMULATION OF SOIL, MUD AND DEBRIS ON ADJOINING ROADWAYS.
7. SYMBOLS FOR INLET PROTECTION MEASURES AND DITCH CHECKS ARE SHOWN LARGER THAN ACTUAL SIZE.
8. STABILIZATION MUST BE INITIATED BY THE END OF THE SEVENTH DAY THE AREA IS LEFT IDLE. THE STABILIZATION ACTIVITY MUST BE COMPLETED WITHIN FOURTEEN (14) DAYS AFTER INITIATION OR AS INDICATED FOR PHASING AND LONG TERM SITE STABILIZATION.
9. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY THE INSPECTOR.
10. PORTABLE TOILETS SHALL BE ANCHORED TO THE GROUND TO PREVENT TIPPING AND SPILLS.
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EROSION CONTROL LEGEND

LINE TYPE / SYMBOL	DESCRIPTION
	PERMANENT SEED AND STRAW MULCH AND/OR EROSION CONTROL BLANKET DEPENDING ON SEASON AND CONSTRUCTION REQUIREMENTS. SEE EROSION PLAN C407 FOR PERMANENT SEED MIX SPECIFICATIONS.
	NORTH AMERICAN GREEN SC150 BN EROSION CONTROL BLANKET OVER PERMANENT SEED. SEE EROSION PLAN C407 FOR SEED MIX SPECIFICATIONS.
	SOD
	RIPRAP OUTLET/CHANNEL PROTECTION
	DISCHARGE POINT (WHERE STORMWATER LEAVES SITE)
	NORTH AMERICAN GREEN SC250 PERMANENT TURF REINFORCEMENT MAT OVER PERMANENT SEED. SEE EROSION PLAN C407 FOR SEED MIX SPECIFICATIONS.
	RIP-RAP @ CULVERT INLET/OUTLET
SF	SILT FENCE (SEDIMENT FENCE)
	INSTALL NAG SC250 TURF REINFORCEMENT MAT OVER PERMANENT SEED OVER ENTIRE EMERGENCY SPILLWAY

CONSTRUCTION & POST CONSTRUCTION SEQUENCING NOTES

1. REPAIR OR REPLACE ALL EXISTING SILT FENCE, CHECK DAMS OR INLET PROTECTION DAMAGED DURING EARTHWORK OR CONSTRUCTION ACTIVITIES.
2. DESIGNATE THE PERSON RESPONSIBLE FOR COMPLYING WITH THE ON-SITE SWPPP INSPECTIONS UNTIL ALL DISTURBED AREAS ON SITE SITE HAVE REACHED 70 PERCENT VEGETATIVE COVER DENSITY.
3. IF WORK OR CONSTRUCTION HAS STOPPED FOR 7 DAYS OR MORE BEFORE PERMANENT SEED IS APPLIED, INSTALL TEMPORARY SEED AND MULCH AS DESCRIBED ON SHEET C403. COORDINATE RESPONSIBILITY FOR COMPLETING THE SITE REVIEW AFTER EACH ½" RAINFALL AND A MINIMUM OF ONE TIME A WEEK. NO MORE THAN THREE (3) REPORTS AREA REQUIRED IN A SINGLE WEEK.
4. FOR ALL PHASES, COMPLETE MASS GRADING AND EXCAVATION. INSTALL ALL UTILITIES AS INDICATED. HAUL ALL EXCESS EXCAVATION SPOILS OFFSITE.
6. COMPLETE FILL, BACKFILL AND ROUGH GRADING REQUIRED TO RETURN ALL AREAS WITHIN CONSTRUCTION ZONE TO SUBGRADE GRADE ELEVATION INDICATED ON PLANS. ALL FILL MATERIAL UNDER PAVEMENT OR BUILDINGS SHALL BE APPROVED BY ON-SITE GEOTECHNICAL ENGINEER.
7. PREPARE ALL PAVEMENT SUBGRADES PER PLANS AND SPECIFICATIONS.
8. MAINTAIN ALL INLET PROTECTION, CHECK DAMS AND SILT FENCING IN THE SITE PROJECT BY CLEANING OUT EVERY WEEK AND AFTER EVERY RAIN EVENT OF 1/2" OR GREATER DEPTH.
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11. FINAL STABILIZATION IS CONSIDERED COMPLETE WHEN ALL LAND DISTURBING ACTIVITIES HAVE BEEN COMPLETED AND A UNIFORM VEGETATED SURFACE WITH 70% DENSITY IS ACHIEVED ON ALL DISTURBED/DENUDED AREAS AND AREAS NOT HAVING A PERMANENT STRUCTURE. THE CONTRACTOR SHALL OVER-SEED AS REQUIRED TO OBTAIN 70 PERCENT VEGETATIVE DENSITY IF REQUIRED.
12. AFTER SITE HAS REACHED 70% VEGETATIVE COVER, CONTRACTOR SHALL REMOVE REMAINING TEMPORARY BMP STRUCTURES AND REPAIR AND RE-SEED ANY DISTURBED AREAS AS REQUIRED.
13. ONCE THE CONSTRUCTION ACTIVITY IS COMPLETED (BY PERMIT LANGUAGE, WHEN FINAL STABILIZATION HAS OCCURRED), A COMPLETED STORMWATER GENERAL PERMIT NOTICE OF TERMINATION (NOT) MUST BE SUBMITTED TO IDEM.

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A&F ENGINEERING
Transportation & Site Engineering
Closing Other Area Title

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings are for the purpose of describing the size of the project in terms of architectural design in general, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for the completion and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the contractor is responsible for all labor and materials required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

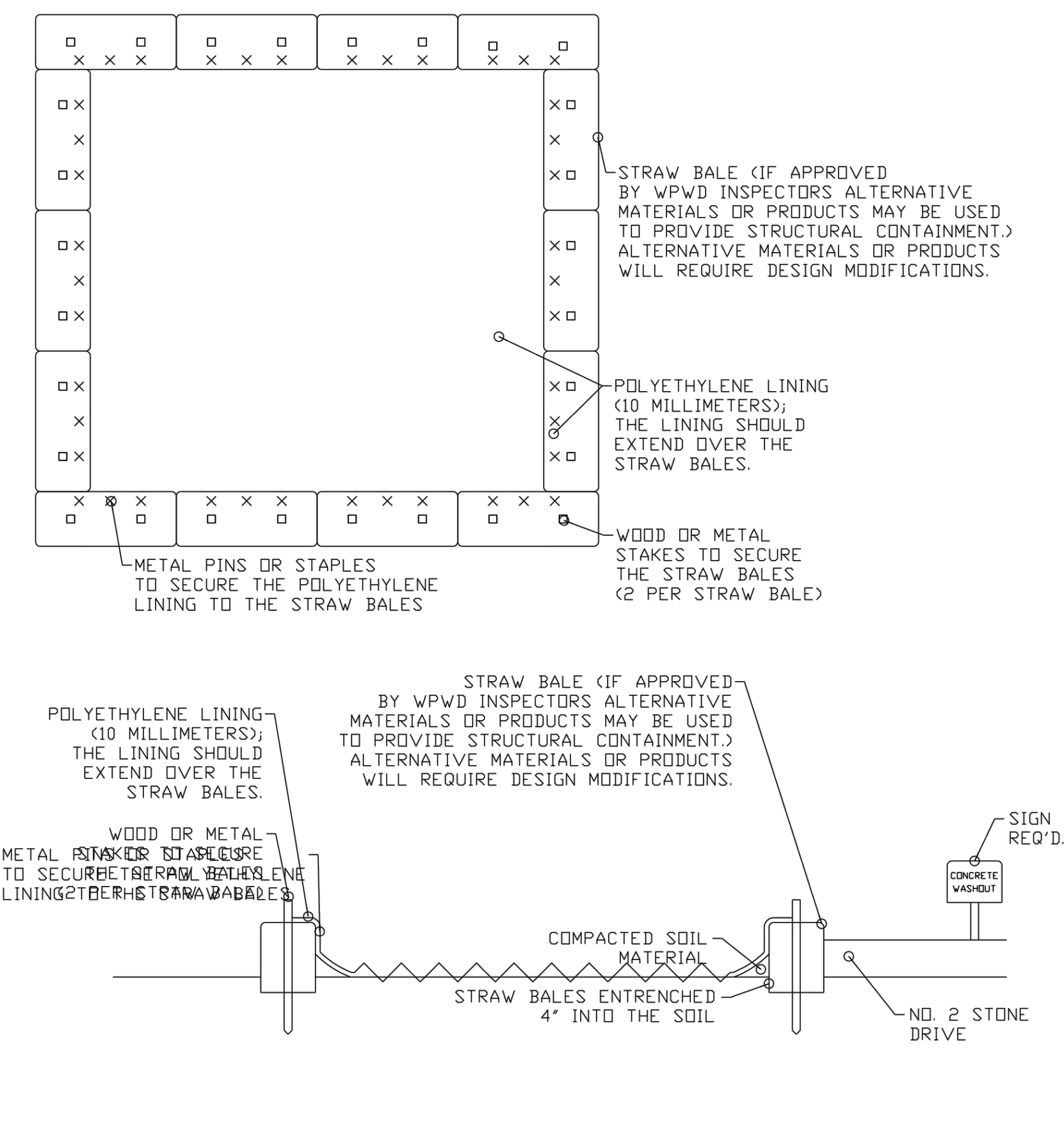
DRAWING TITLE:
SWPPP PLAN (FINAL)

CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER
Karen Collins

DRAWING NUMBER
C406

PROJECT NUMBER
2023061

Z:\2023\23093L--CONTEXT; NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\C405 SWPPP PLAN (FINAL).DWG plotted by STEVEN O'ROURKE on 6/14/2024 4:05:22 PM last saved by NMACK on 6/14/2024 1:29:53 PM
Xrefs: 23093L BASE TOPO.DWG & 23093L BASE SITE.DWG & X-BX24E.DWG & 23093L L-SITE.DWG & 23093L_BUS LOT.DWG & 23093L_STRUCTURE POINT.DWG & 23093L_SITE ELECTRIC.DWG



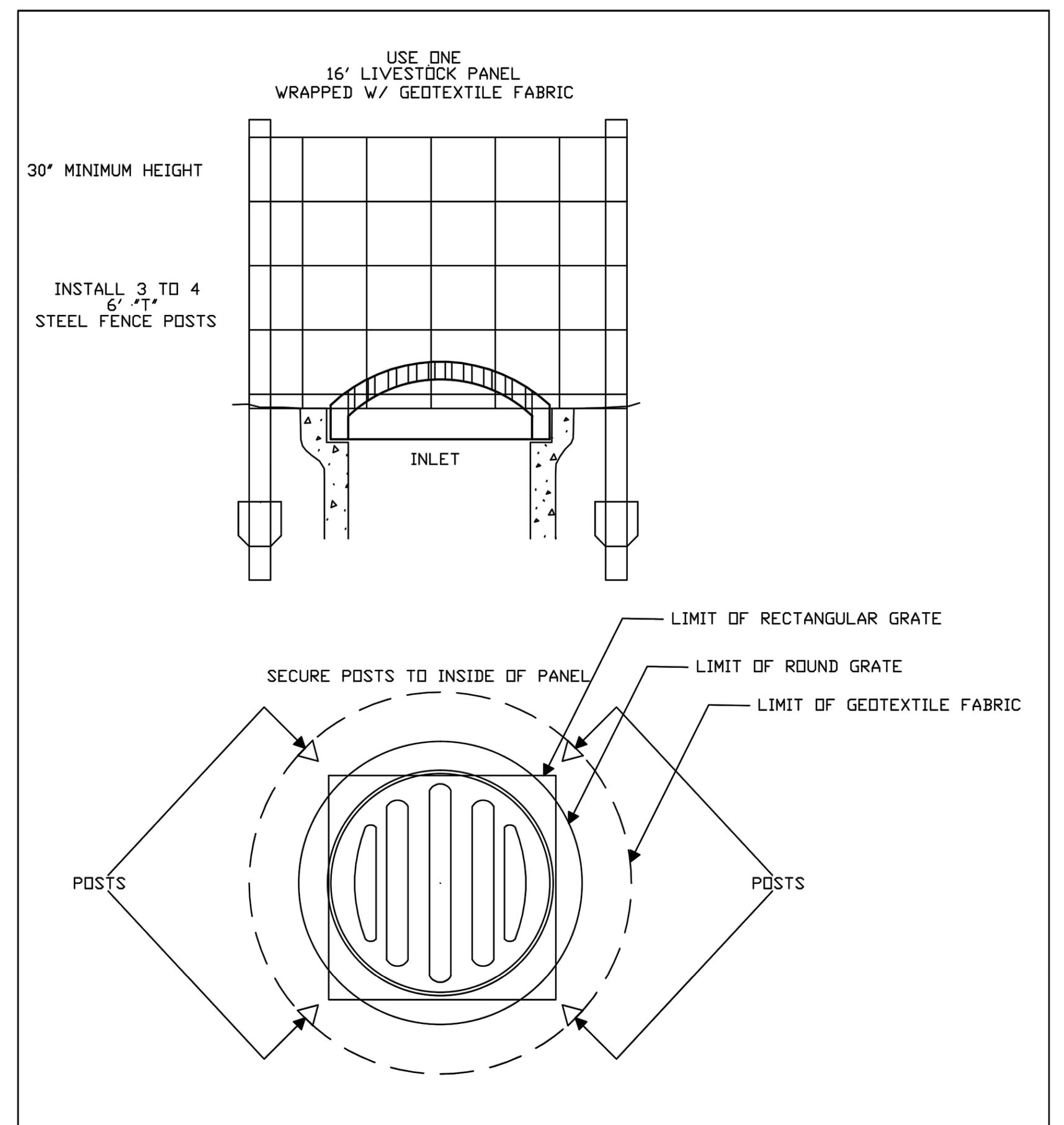
CONCRETE WASHOUT DETAIL

CITY OF WESTFIELD, INDIANA

PHILLIP A. SUNDLING REGISTERED No. 11300022 STATE OF INDIANA PROFESSIONAL ENGINEER

2/12/16 DATE

FIGURE EC-05



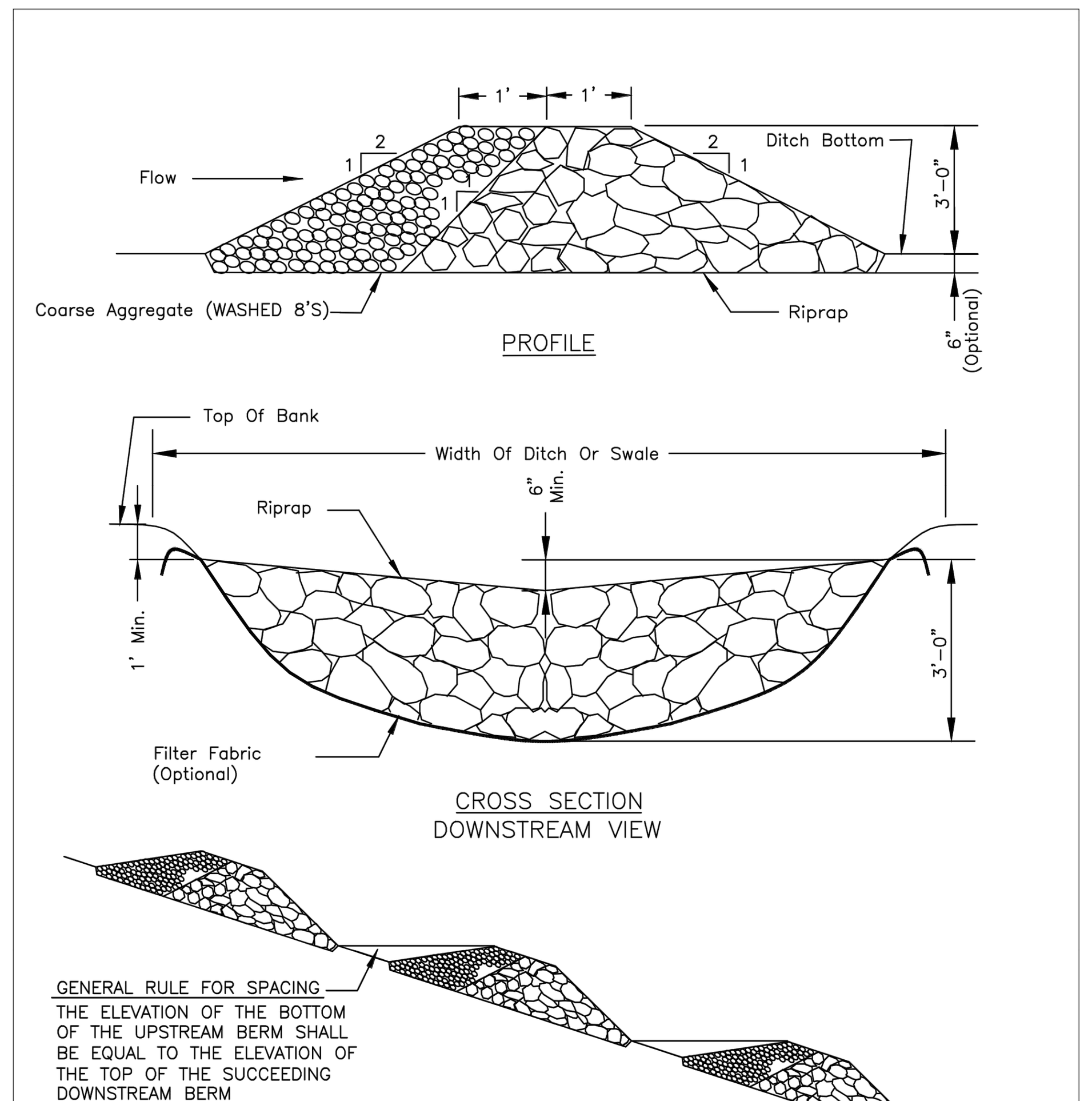
TEMPORARY DITCH INLET PROTECTION

CITY OF WESTFIELD, INDIANA

NEIL B. VANTREES REGISTERED No. 10809092 STATE OF INDIANA PROFESSIONAL ENGINEER

4/1/13 DATE

FIGURE EC-1



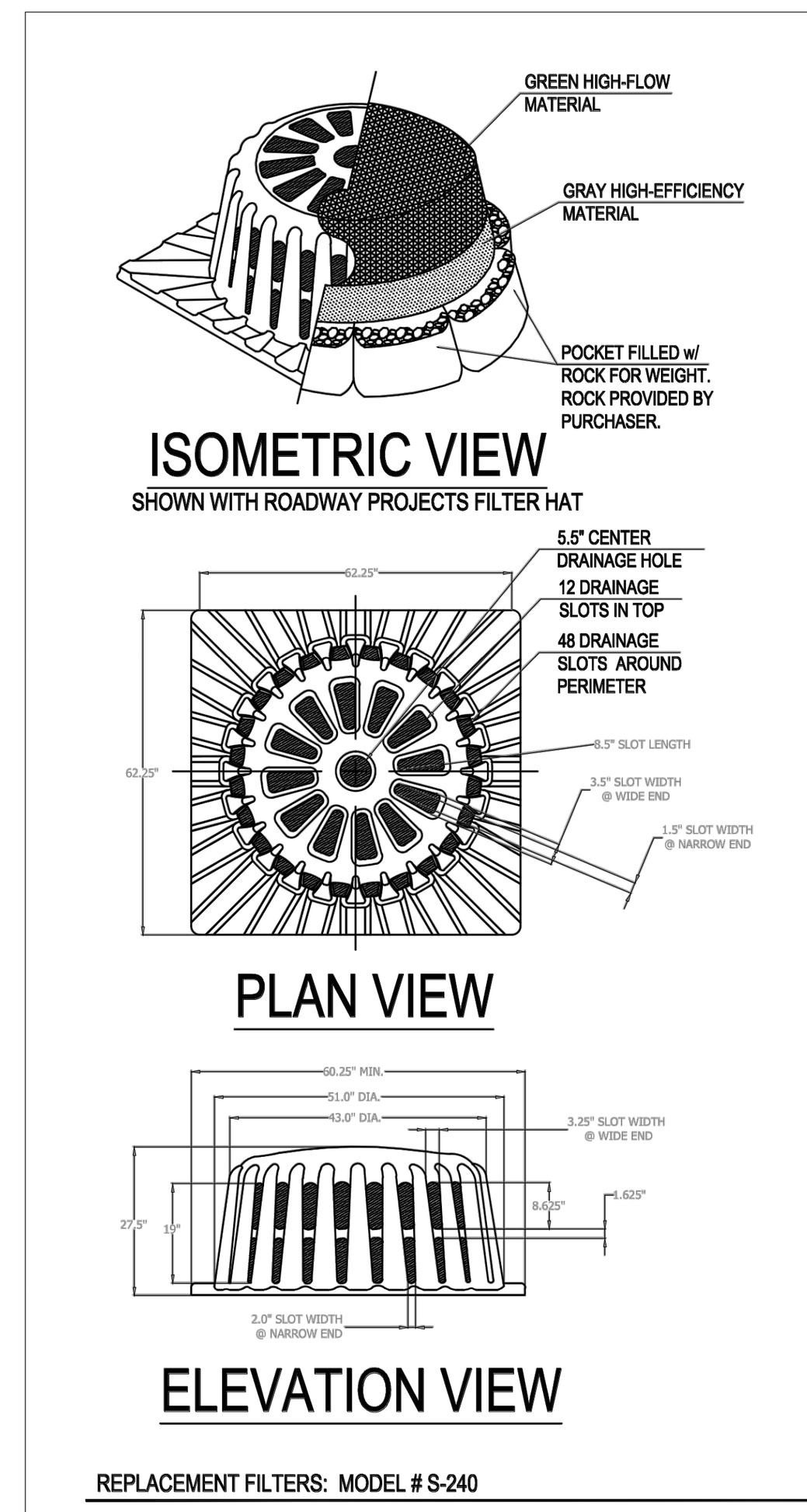
ROCK CHECK DAM – RIPRAP

CITY OF WESTFIELD, INDIANA

NEIL B. VANTREES REGISTERED No. 10809092 STATE OF INDIANA PROFESSIONAL ENGINEER

4/1/13 DATE

FIGURE EC-7

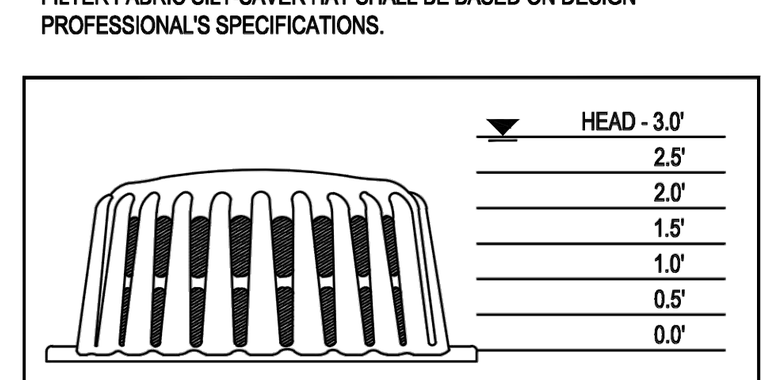


FILTER OPTIONS
FILTER HAT IS AVAILABLE IN THREE OPTIONS:
1) ALL HIGH-FLOW MATERIAL
2) ALL HIGH-EFFICIENCY MATERIAL
3) HIGH-FLOW MATERIAL ON TOP HALF OF HAT, HIGH-EFFICIENCY MATERIAL ON BOTTOM HALF (THIS FILTER COVER IS RECOMMENDED FOR ALL ROADWAY PROJECTS.)
IT IS THE PURCHASERS RESPONSIBILITY TO PURCHASE APPROPRIATE FILTER HAT. PURCHASER SHALL PROVIDE ROCK FOR FILTER POCKETS.

FILTER HAT INSTALLATION
FILTER HAT SLIDES DIRECTLY OVER FILTER FRAME. TO KEEP FILTER FRAME IN PLACE OVER STORM STRUCTURE, ROCK POCKETS ARE SEWN DIRECTLY INTO FILTER HAT MATERIAL. EVERY FILTER HAT COMES IN ONE PIECE FOR EASY INSTALLATION.

MAINTENANCE
ALL TEMPORARY EROSION, SEDIMENTATION, & POLLUTION CONTROL PRACTICES SHOULD BE INSPECTED DAILY. CONTRACTOR SHALL REMOVE SEDIMENT AND DISPOSE OF IN A PROPER MANNER. INSPECT S-200A DAILY FOR CUTS, ABRASIONS, AND PROPER INSTALLATION. REPLACE OR REPOSITION AS NECESSARY.

SPECIFICATIONS
FILTER FABRIC SILT-SAVER HAT SHALL BE BASED ON DESIGN PROFESSIONAL'S SPECIFICATIONS.



FRAME & FILTER DISCHARGE ANALYSIS

HEAD (FT)	EQUATION USED	OPENING AREA (SF)	FRAME FLOW (CFS)	FILTER AREA (SF)	FILTERED FLOW (CFS)
0.5	O	2.1	7	6	2
1.0	O	3.9	19	12	3
1.5	O	7.0	41	18	5
2.0	O	8.0	54	24	7
2.5	O	9.2	70	30	9
3.0	O	9.2	77	—	77

DUE TO NARROW SLOT, A TRANSITION WILL OCCUR BETWEEN WEIR AND ORIFICE CONDITIONS. ORIFICE FLOW WILL PROVIDE A MORE CONSERVATIVE ESTIMATE OF FLOW, THEREFORE THE LESSER OF THE ORIFICE AND WEIR FLOWS WILL BE USED FOR EACH STAGE CALCULATION.

FILTER MATERIAL ALLOWS 129 gpm/SF OR 0.29cfs/SF
ORIFICE EQUATION (O) = Q=0.6A(2gh)^0.5
P = FEET PERIMETER
h = HEAD IN FEET
Q = CAPACITY IN cfs
A = FREE OPEN AREA OF FRAME
g = 32.2 FEET-PER-SECOND/SECOND

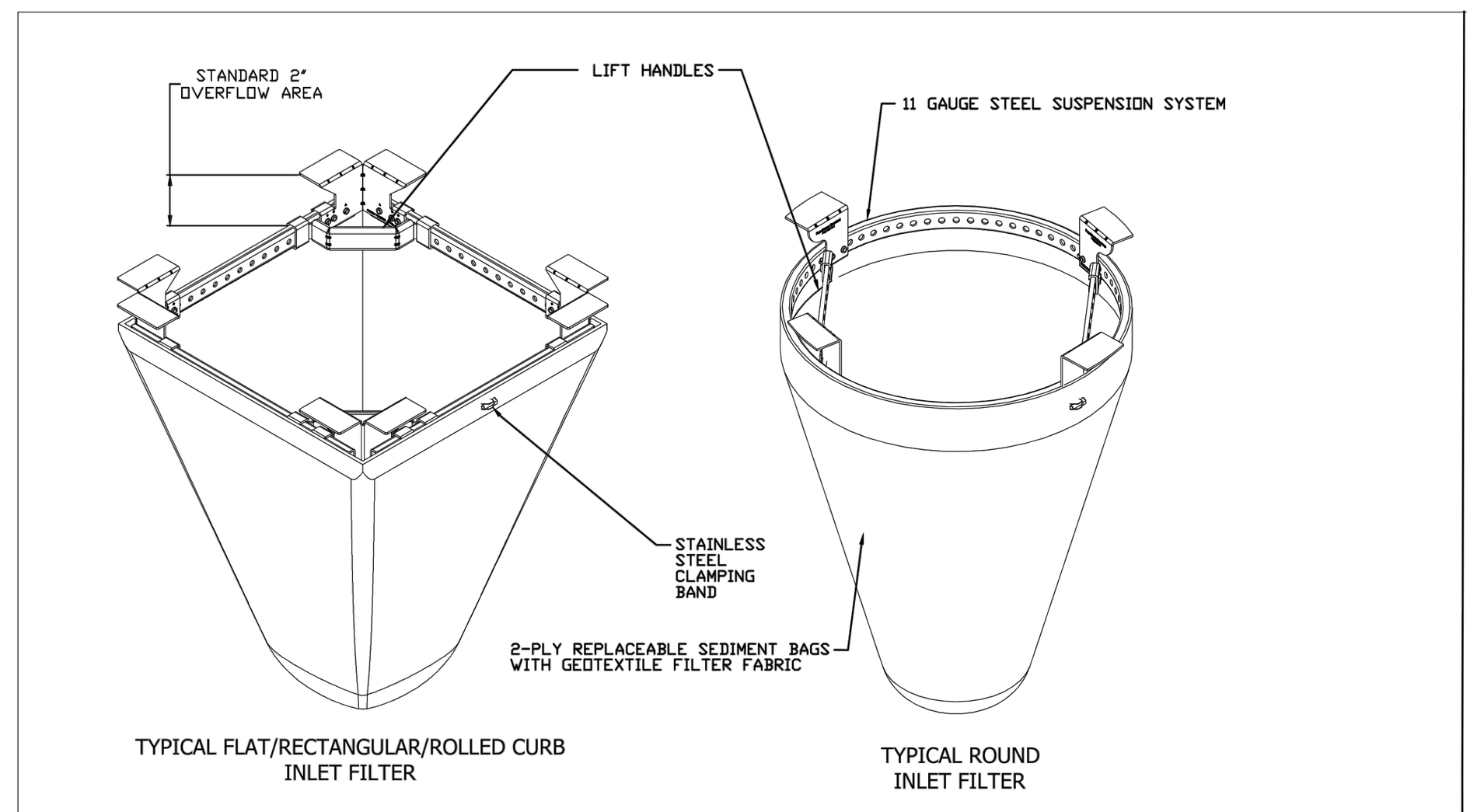
SILT SAVER INLET PROTECTION MODEL #S-200

CITY OF WESTFIELD, INDIANA

NEIL B. VANTREES REGISTERED No. 10809092 STATE OF INDIANA PROFESSIONAL ENGINEER

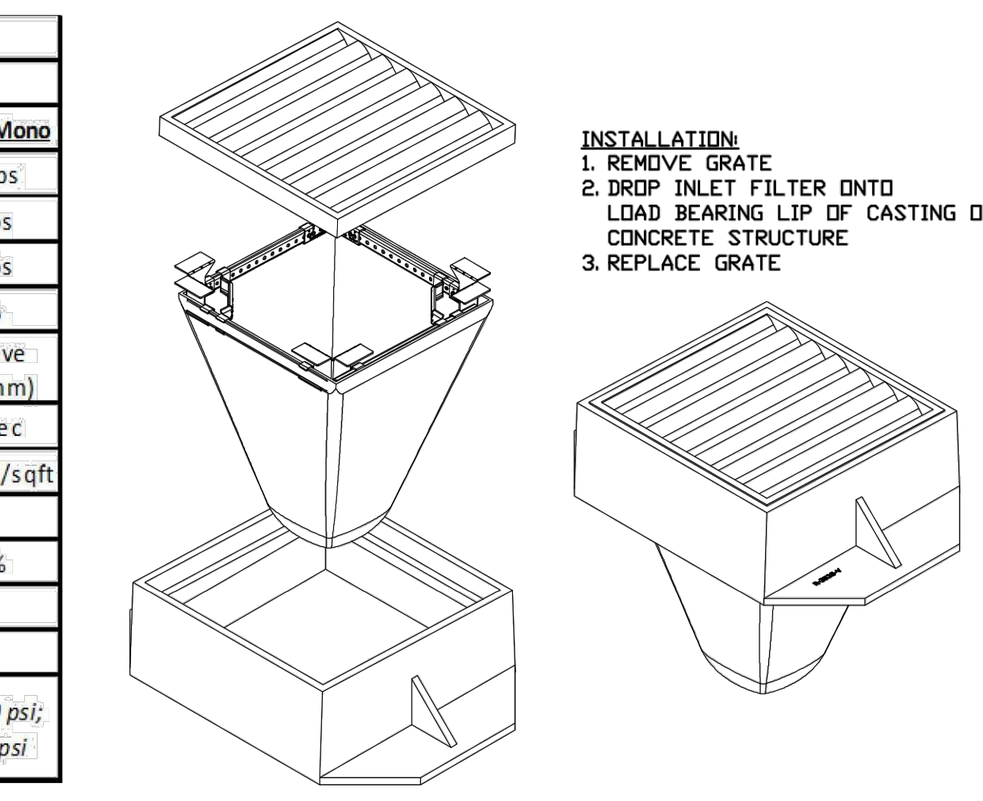
4/1/14 DATE

FIGURE EC-14



IPP *FLe*Xstorm Inlet Filter Specifications

Material Property	Test Method	Value (min ave)	
> Inner Filter Bag Specs (2 ft³ min vol)		Non-Woven	Woven Mono
Grab Tensile	ASTM D 4632	100 lbs	200 lbs
Puncture Strength	ASTM D 4833	65 lbs	90 lbs
Trapezoidal Tear	ASTM D 4533	45 lbs	75 lbs
UV Resistance	ASTM D 4355	70% at 500 hrs	90%
App Open Size (AOS)	ASTM D 4751	70 sieve (.212 mm)	40 sieve (.425 mm)
Permittivity	ASTM D 4491	2.0 /sec	2.1/sec
Water Flow Rate	ASTM D 4491	145 gpm/sqft	145 gpm/sqft
> Polyester Outer Reinforcement Bag Specifications			
Weight	ASTM D 3776	4.55 oz/sqyd +/- 15%	
Thickness	ASTM D 1777	.040 +/- .005	
> Frame Construction			
A36 Structural Steel; 11 Guage; Zinc Plated	ASTM A 576	Tensile Strength > 58,000 psi; Yield Strength > 36,000 psi	



INSTALLATION:
1. REMOVE GRATE
2. DROP INLET FILTER ONTO LOAD BEARING LIP OF CASTING OR CONCRETE STRUCTURE
3. REPLACE GRATE

INLET PROTECTION

CITY OF WESTFIELD, INDIANA

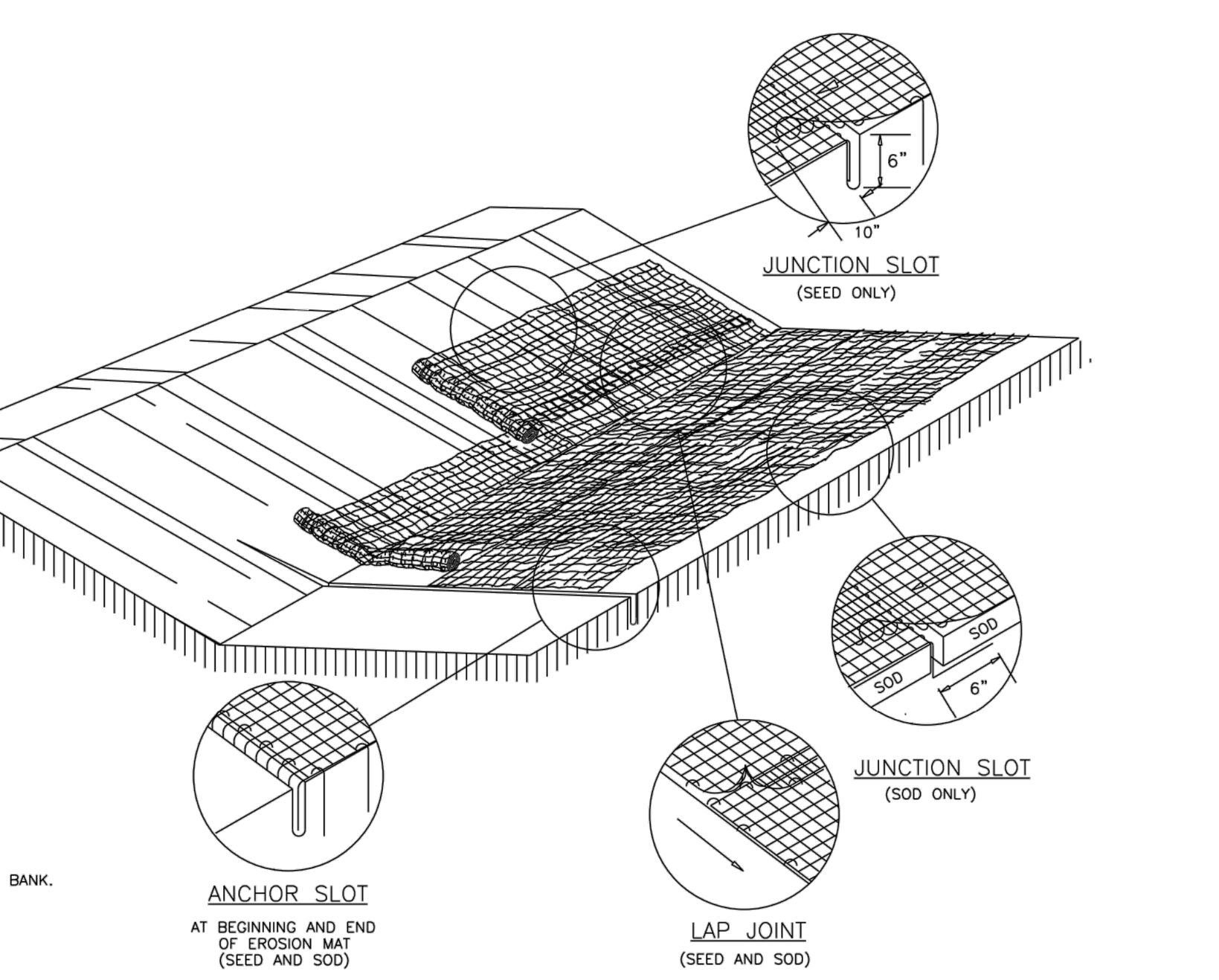
NEIL B. VANTREES REGISTERED No. 10809092 STATE OF INDIANA PROFESSIONAL ENGINEER

4/1/13 DATE

FIGURE EC-6

GENERAL NOTES

1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF LIME, FERTILIZER AND SEED.
2. BEGIN AT THE TOP OF THE CHANNEL BY ANCHORING THE BLANKET IN A 6" DEEP x 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
3. ROLL CENTER BLANKET IN DIRECTION OF WATER FLOW ON BOTTOM OF CHANNEL.
4. PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH A 6" OVERLAP. USE A DOUBLE ROW OF STAGGERED STAPLES 4" APART TO SECURE BLANKETS.
5. FULL LENGTH EDGE OF BLANKETS AT TOP OF SIDE SLOPES MUST BE ANCHORED IN 6" DEEP x 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
6. BLANKETS ON SIDE SLOPES MUST BE OVERLAPPED 4" OVER THE CENTER BLANKET AND STAPLED.
7. IN MEDIUM/HIGH FLOW CHANNEL APPLICATIONS, A STAPLE CHECK SLOT IS RECOMMENDED AT 30 TO 40 FOOT INTERVALS. USE A ROW OF STAPLES 4" APART OVER ENTIRE WIDTH OF THE CHANNEL. PLACE A SECOND ROW 4" BELOW THE FIRST ROW IN A STAGGERED PATTERN.
8. THE TERMINAL END OF THE BLANKETS MUST BE ANCHORED IN A 6" DEEP x 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
8. BLANKET TYPE TO BE NORTH AMERICAN GREEN S75 OR S150 (OR SIMILAR) DEPENDING ON SLOPE
9. SILT FENCING INSTALLATION SHALL COMMENCE IMMEDIATELY FOLLOWING EROSION CONTROL MAT INSTALLATION.
10. EROSION CONTROL MAT SHALL BEGIN AND TERMINATE AT TOP OF BANK.



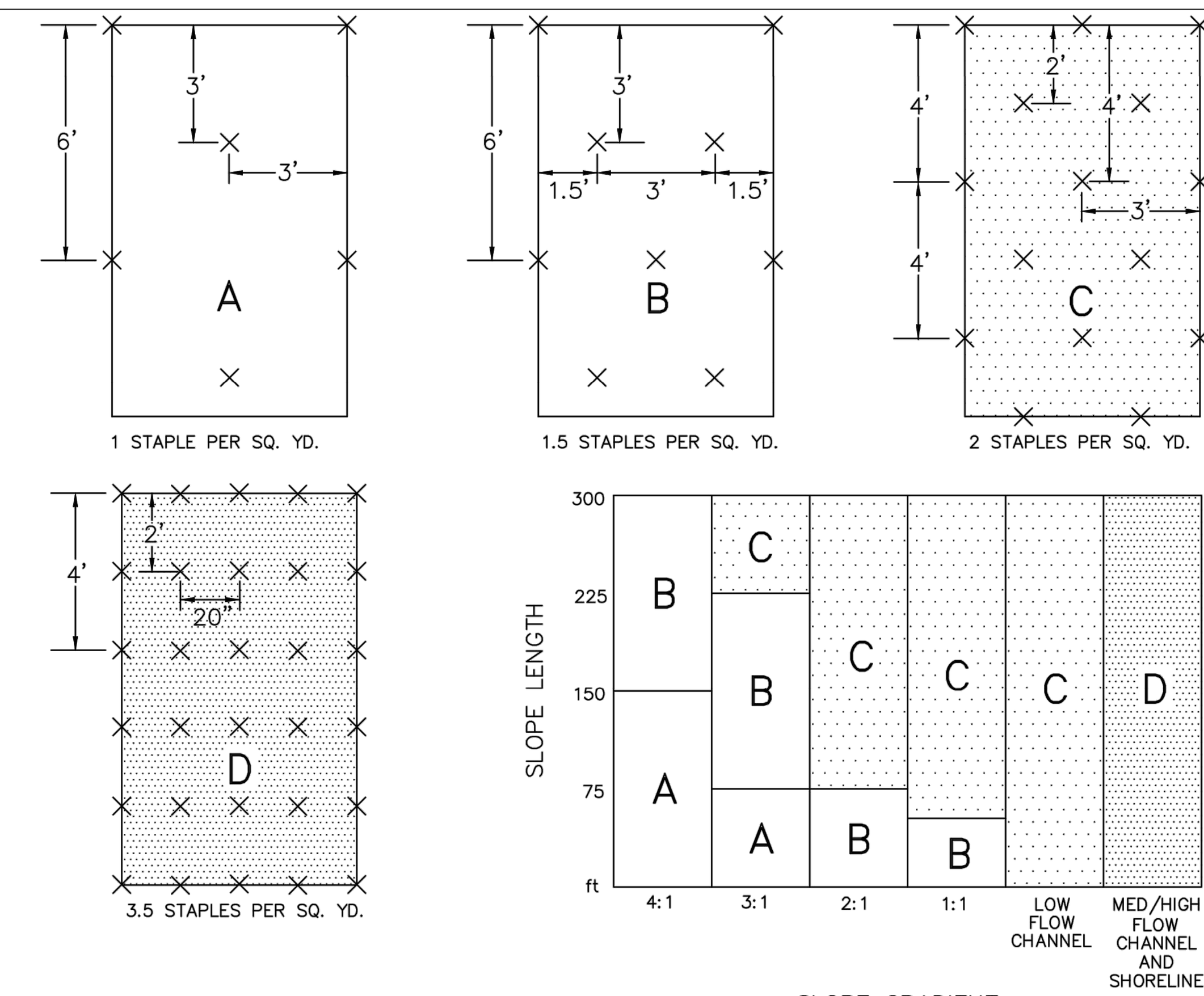
EROSION CONTROL MAT – SLOPE DETAIL

CITY OF WESTFIELD INDIANA

PHILLIP A. SUNDLING REGISTERED No. 11300022 STATE OF INDIANA PROFESSIONAL ENGINEER

2/25/15 DATE

FIGURE EC-02



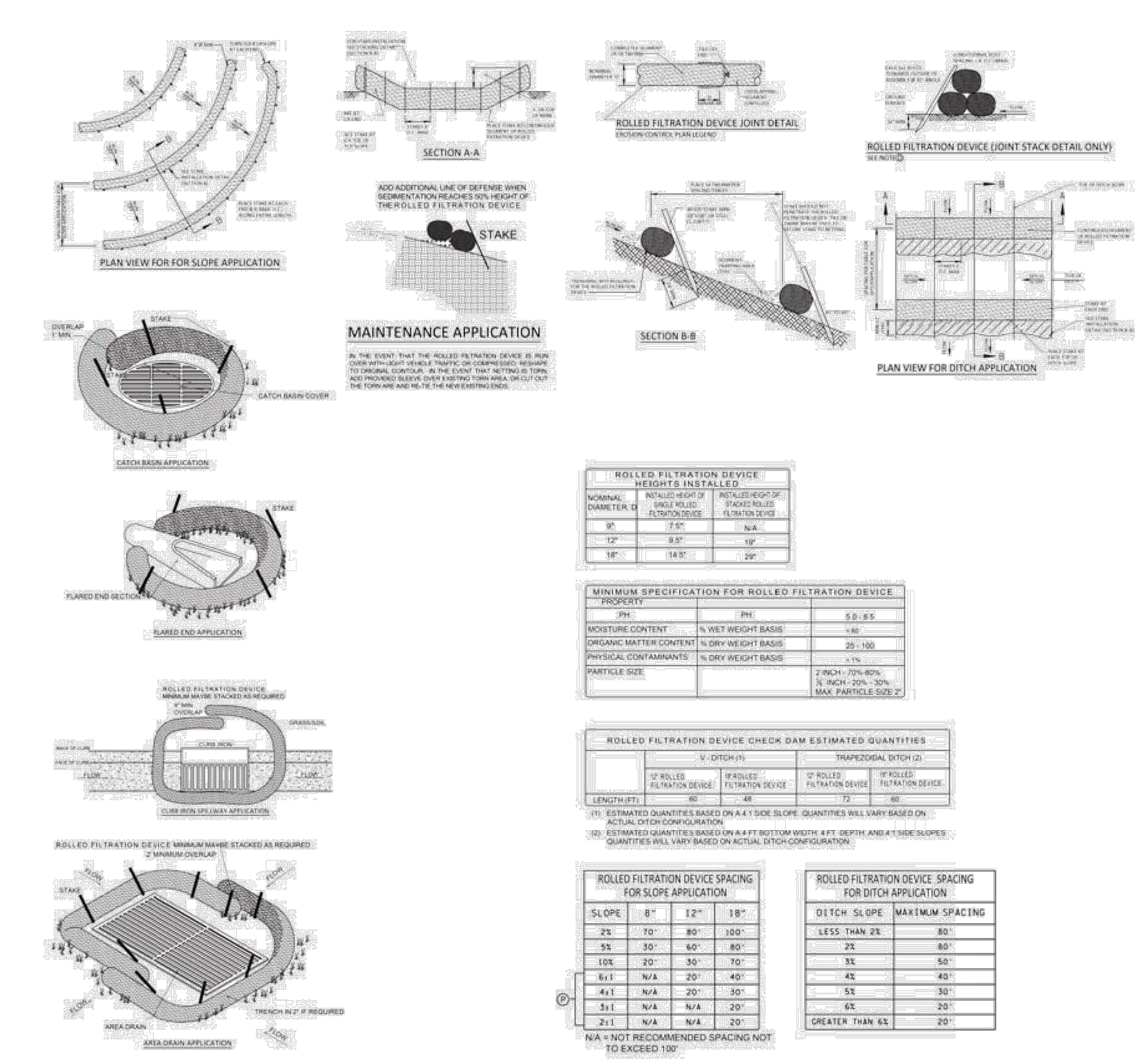
EROSION CONTROL MAT – STAPLE GUIDE

CITY OF WESTFIELD, INDIANA

NEIL B. VANTREES REGISTERED No. 10809092 STATE OF INDIANA PROFESSIONAL ENGINEER

4/1/14 DATE

FIGURE EC-3





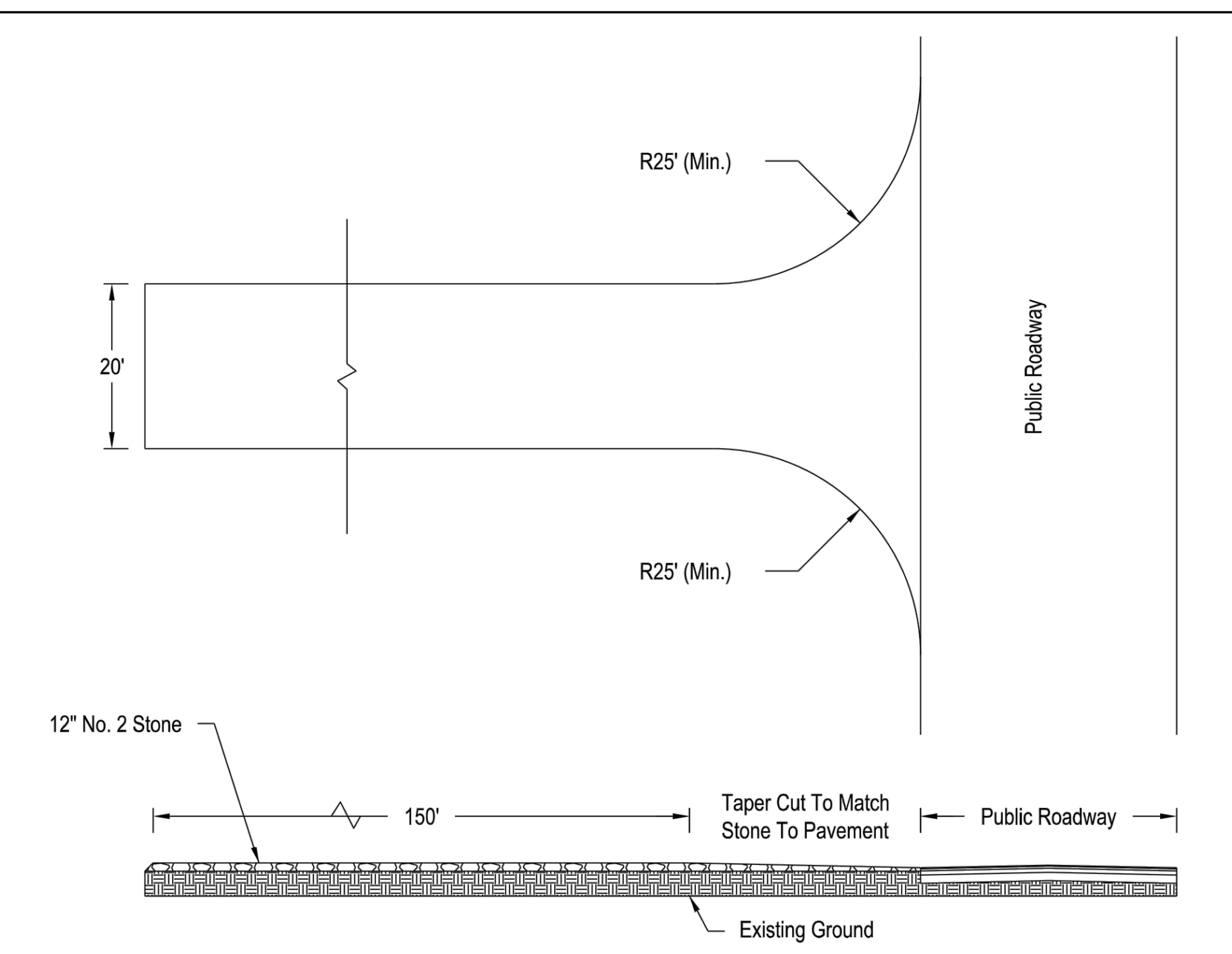
ROLLED FILTRATION DEVICE

CITY OF WESTFIELD INDIANA

JOHNATHON M. NAIL REGISTERED No. 11500005 STATE OF INDIANA PROFESSIONAL ENGINEER

3/20/19 DATE

FIGURE EC-16



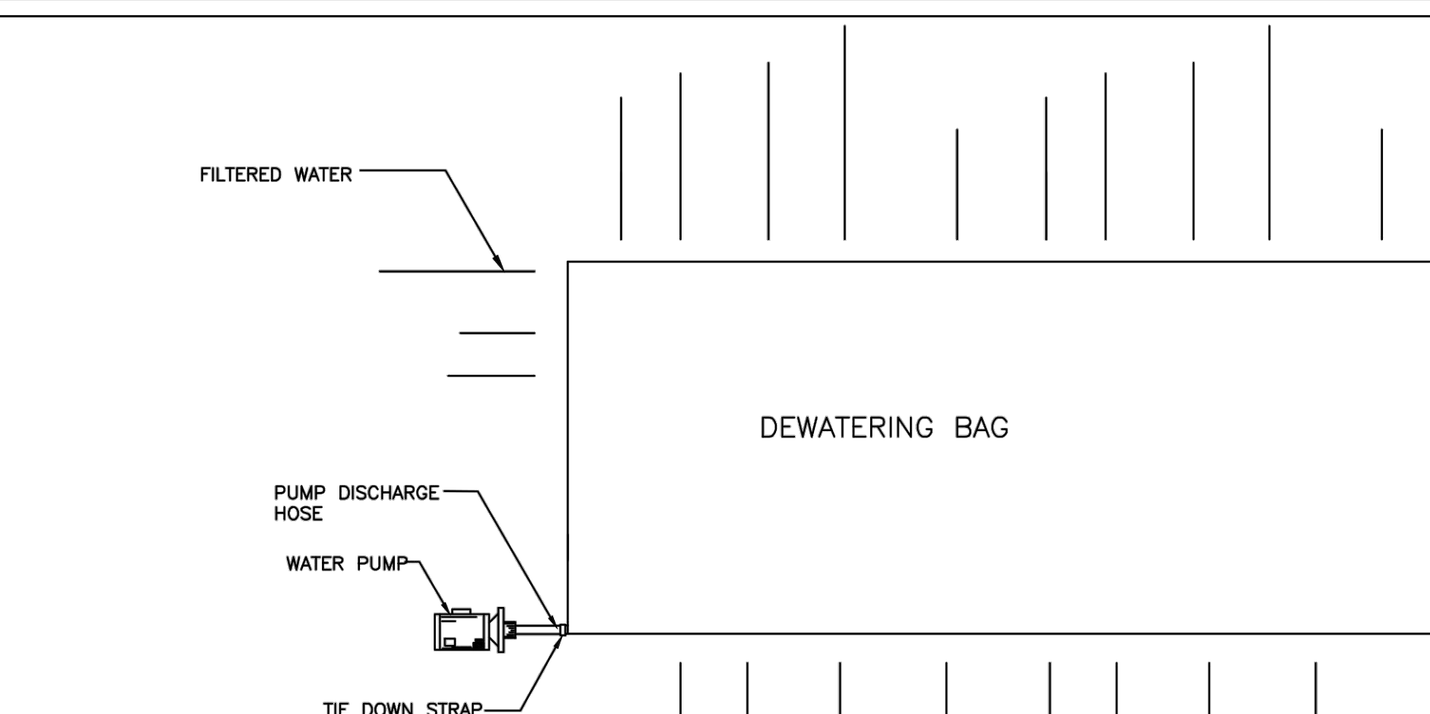
TEMPORARY CONSTRUCTION DRIVE

CITY OF WESTFIELD INDIANA

PHILLIP A. SUNDLING REGISTERED No. 11300022 STATE OF INDIANA PROFESSIONAL ENGINEER

2/26/16 DATE

FIGURE EC-10



Dewatering Filtration Bag Size	Maximum Gallon Per Minute Capacity
4' x 6'	228
7.5' x 7.5'	534
10' x 10'	950
10' x 15'	1,425
15' x 15'	2,137
15' x 30'	4,275
15' x 65'	9,262

INSTALLATION AND MAINTENANCE GUIDELINES

INSTALLATION: PLACE LIFTING STRAPS (NOT INCLUDED) UNDER THE UNIT TO FACILITATE REMOVAL AFTER USE. UNFOLD D2 DEWATERING BAG ON A STABILIZED AREA OVER DENSE VEGETATION, STRAW OR OTHER COVER. PLACE BAG OVER OPEN GRADED STONE TO ACHIEVE MAXIMUM FILTRATION AND DRAINAGE. INSERT DISCHARGE HOSE FROM PUMP INTO D2 DEWATERING BAG A MINIMUM OF SIX INCHES AND TIGHTLY SECURE WITH THE ATTACHED STRAP TO PREVENT WATER FROM FLOWING OUT OF THE UNIT WITHOUT BEING FILTERED. IF USING OPTIONAL ABSORBENTS, PLACE ABSORBENT BOOM INTO THE D2 DEWATERING BAG. CLIP ABSORBENT BOOM TO TETHER PROVIDED INSIDE THE UNIT.

MAINTENANCE: REPLACE THE UNIT WHEN ½ FULL OF SEDIMENT OR WHEN SEDIMENT HAS REDUCED THE FLOW RATE OF THE PUMP DISCHARGE TO AN IMPRACTICAL RATE. IF USING OPTIONAL OIL ABSORBENTS; REMOVE AND REPLACE ABSORBENT WHEN NEAR SATURATION.

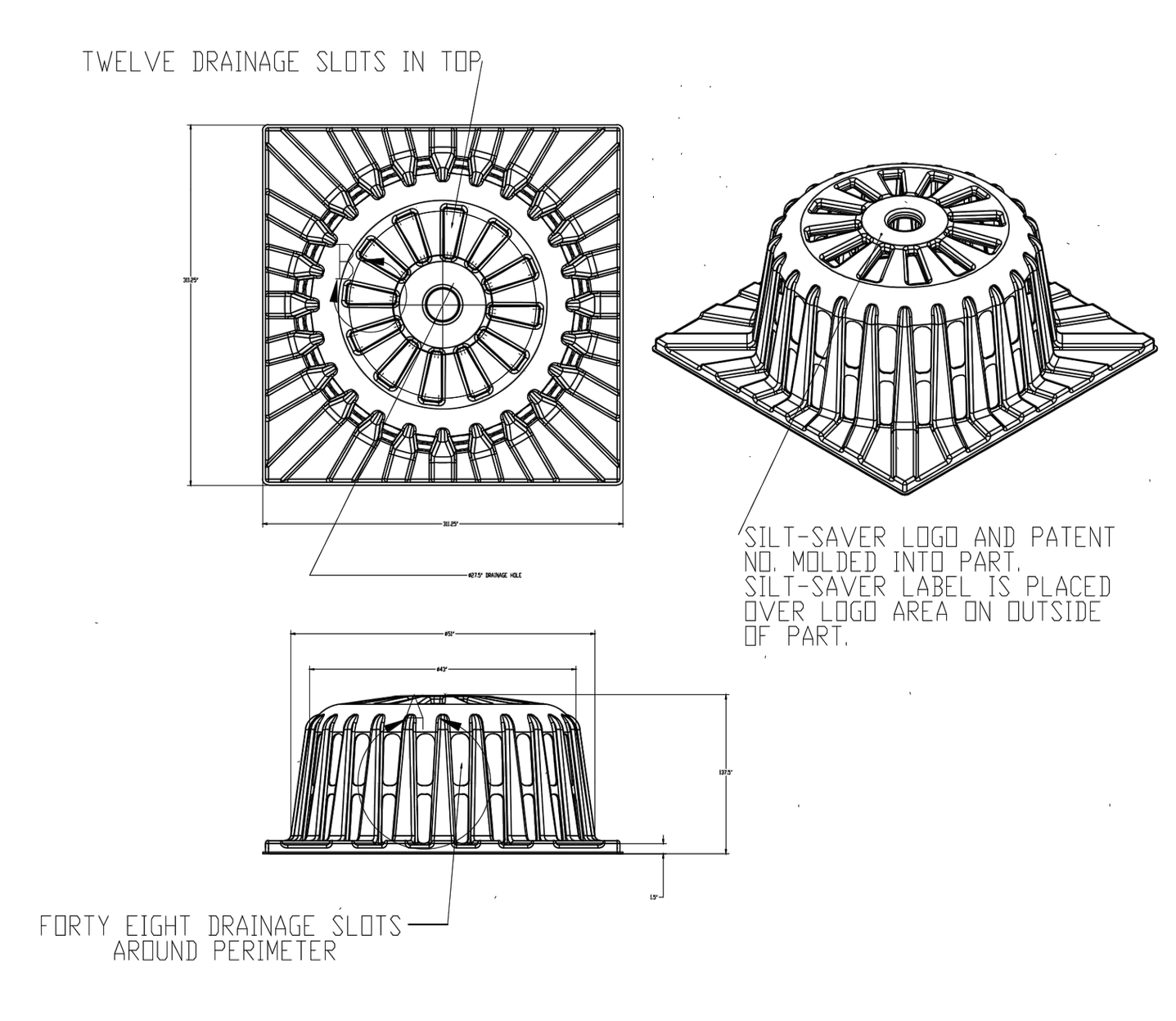
DEWATERING DETAIL AND SIZE CHART

CITY OF WESTFIELD, INDIANA

NEIL B. VANTREES REGISTERED No. 10809092 STATE OF INDIANA PROFESSIONAL ENGINEER

4/1/14 DATE

FIGURE EC-11



Weight	D-3776	3.0 oz y²
Tensile strength	D-4632	80lbs
Elongation	D-4632	50%
Mullen burst	D-3786	150
Puncture strength	D-4833	50
Trapezoid tear	D-4533	30
AOS-US std sieve	D-4751	70
Permittivity, -1 *	D-4491	2.0
Flow *	D-4491	102 gal/min/ft2
U.V. Resistance, %	D-4355 (500 hrs)	70

* Due to the variations in soil conditions, (soil types, soil stability, etc.) Silt-Saver, Inc. does not specify long-term effectiveness, (resistance to clogging). If this is a concern, one may want to conduct a gradient ratio test that will compare a specific soils hydraulic gradient to the hydraulic through the filter.

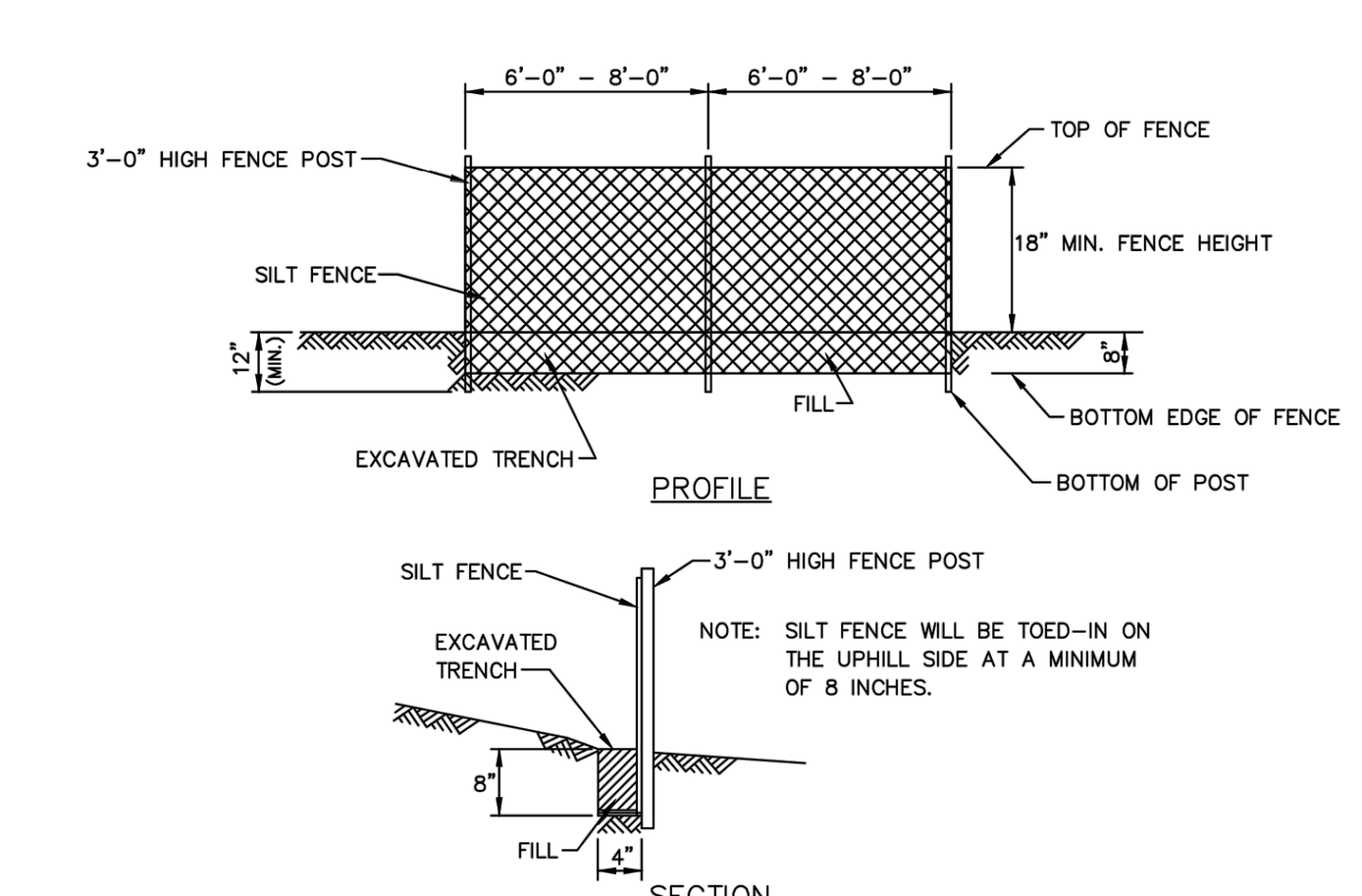
SILT SAVER SQUARE INLET PROTECTION DETAIL

CITY OF WESTFIELD, INDIANA

NEIL B. VANTREES REGISTERED No. 10809092 STATE OF INDIANA PROFESSIONAL ENGINEER

4/1/14 DATE

FIGURE EC-12



INSTALLATION PROCEDURE

1. 2" x 2" X 36" HARDWOOD OR STEEL FENCE POSTS ARE INSTALLED 6' APART (w/ EXTRA STRENGTH FABRIC WITHOUT WIRE BACKING) OR 8' APART (w/ WIRE BACKING), ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE.
2. A TRENCH 4" WIDE BY 8" DEEP IS DUG ALONG THE UPHILL SIDE OF THE FENCE LINE.
3. THE SILT FENCE IS UNROLLED AND LAID OUT ALONG THE FENCE LINE.
4. AT THIS TIME THE LOWER 8" OF THE FENCE IS LAID IN THE TRENCH AND CURLED TOWARD THE EROSION SOURCE. THE TRENCH IS THEN BACKFILLED WITH SOIL.

SILT FENCE DETAIL

CITY OF WESTFIELD, INDIANA

NEIL B. VANTREES REGISTERED No. 10809092 STATE OF INDIANA PROFESSIONAL ENGINEER

4/1/13 DATE

FIGURE EC-4

APPROVAL PENDING NOT FOR CONSTRUCTION

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A&F ENGINEERING
Transportation & Site Engineering
Creating Order Since 1966

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

DRAWING TITLE:
SWPPP PLAN (DETAILS)

CERTIFIED BY:
KAREN K. COLLINS REGISTERED No. 10404538 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWING NUMBER
C407

PROJECT NUMBER
2023061

Z:\2023\23093L-CONTEXT, NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\C407 SWPPP PLAN (DETAILS).DWG plotted by STEVEN O'ROURKE on 6/14/2024 4:06:58 PM last saved by NMACK on 6/14/2024 1:36:32 PM
Xrefs: X36X24E.DWG

TEMPORARY SEEDING DATES	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT	NOV.	DEC
WHEET OR RYE												
OATS												
ANNUAL RYEGRASS												

PERMANENT SEEDING DATES	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT	NOV.	DEC
NON-IRRIGATED*												
IRRIGATED												
DORMANT SEEDING**												

IRRIGATION NEEDED DURING THIS PERIOD TO CONTROL EROSION AT TIMES OTHER THAN IN THE SHADED AREAS USE MULCH

* LATE SUMMER SEEDING DATES MAY BE EXTENDED 5 DAYS IF MULCH IS APPLIED

** INCREASE SEEDING APPLICATION BY 50%

TEMPORARY SEEDING RATE			
TYPE OF SEED	1,000 SF	ACRE	REMARKS
WHEET OR RYE	3.5 LBS.	150 lbs.	COVER SEED 1"-1 1/2" DEEP
SPRING OATS	2.3 LBS.	100 .bs	COVER SEED 1" DEEP
ANNUAL RYEGRASS	1 LB.	40 LB.	COVER SEED 1/4" DEEP

PERMANENT SEEDING MIXTURES						
SPECIES	SEEDING RATE			SITE SUITABILITY*		
	LBS/ ACRE	LBS/ 1,000 SF	SUITABLE pH	DROUGHTY	WELL DRAINED	WET
LEVEL AND SLOPING, OPEN AREAS						
MUSTANG II - Turf Type Tall Fescue	111	2.5	5.8-7.0	2	1	
(TWO Species Blend)						
4-WAY PERENNIAL RYEGRASS BLEND	63	1.5	5.6-7.0		1	
SEE LANDSCAPE PLANS FOR SPECS.						
TOTAL	174	4.0				

SEEDED PREPARATION

APPLY LIME TO RAISE THE pH TO THE LEVEL NEEDED FOR PERMANENT SPECIES BEING SEEDED. APPLY 500 POUNDS PER ACRE OF 12-12-12 ANALYSIS FERTILIZER FOR TEMPORARY SEED APPLICATIONS. APPLY 23 POUNDS OF 12-12-12 ANALYSIS FERTILIZER (OR EQUIVALENT) PER 1000 SF (APPROXIMATELY 1000 POUNDS PER ACRE) OR FERTILIZE ACCORDING TO TEST APPLICATION OF 150 LBS. OF AMMONIUM NITRATE ON AREAS LOW IN ORGANIC MATTER AND FERTILITY WILL GREATLY ENHANCE VEGETATIVE GROWTH.

WORK THE FERTILIZER AND LIME INTO THE SOIL TO A DEPTH OF 2-3 INCHES WITH A HARROW, DISK OR RAKE OPERATED ACROSS THE SLOPE AS MUCH AS POSSIBLE.

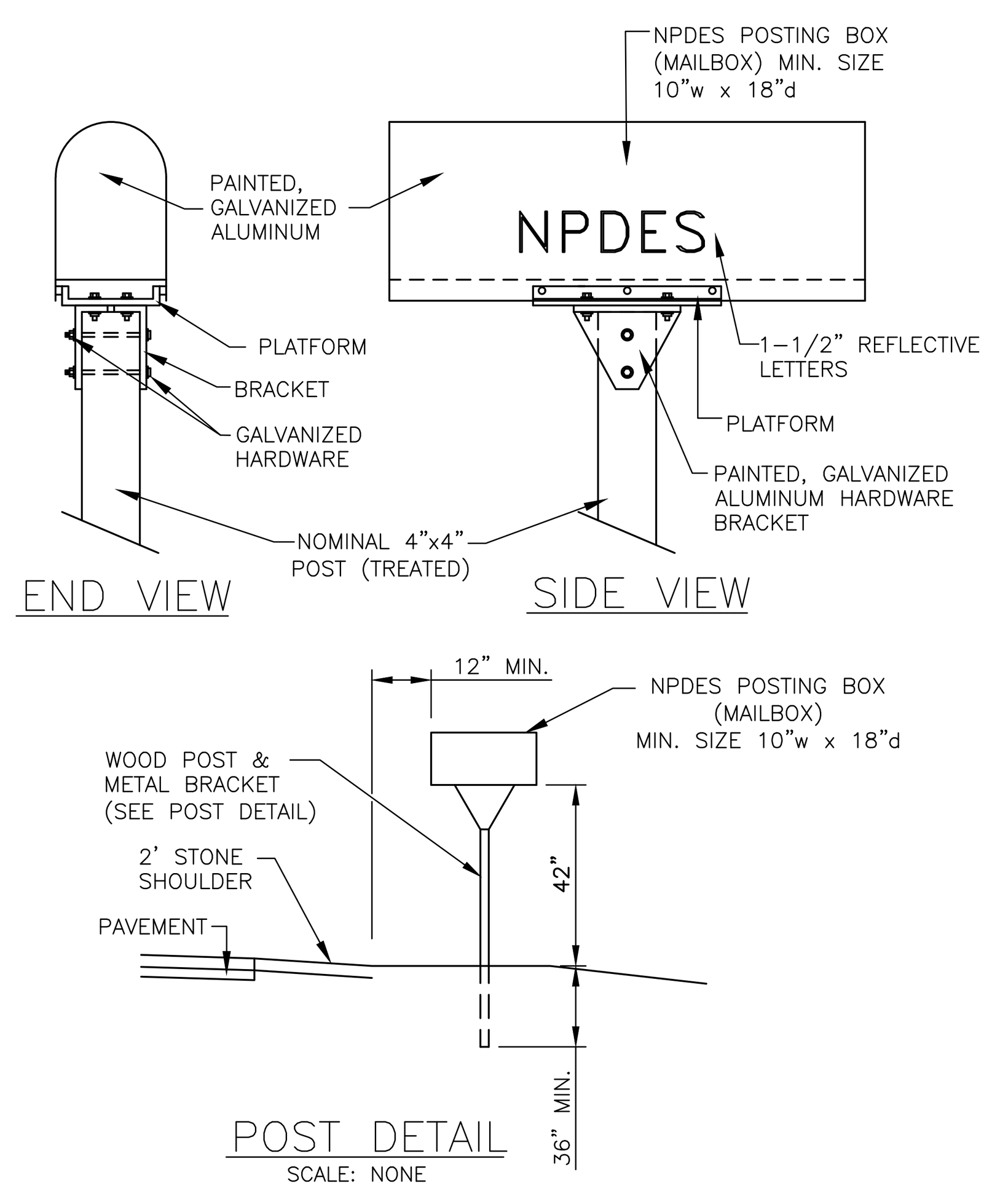
SEEDING

SELECT A SEED MIXTURE BASED ON PROJECTED USE OF THE AREA (SEE PERMANENT SEED MIXTURE CHART), WHILE CONSIDERING BEST SEEDING DATES. IF PERMANENT SEEDING IS NOT PERMITTED USE TEMPORARY SEEDING UNTIL PERMANENT SEEDING CAN BE APPLIED. IF TOLERANCES ARE A PROBLEM, SUCH AS SALT TOLERANCE OF SEEDINGS ADJACENT TO STREETS AND HIGHWAYS, SEE SEED TOLERANCE CHART. APPLY SEED WITH A DRILL, OR CULTIPACKER SEEDER OR BY BROADCASTING. IF DRILLING OR BROADCASTING THE SEED, ENSURE GOOD SEED-TO-SOIL CONTACT BY FIRMING THE SEEDBED WITH A ROLLER OR CULTIPACKER AFTER COMPLETING SEEDING OPERATIONS.

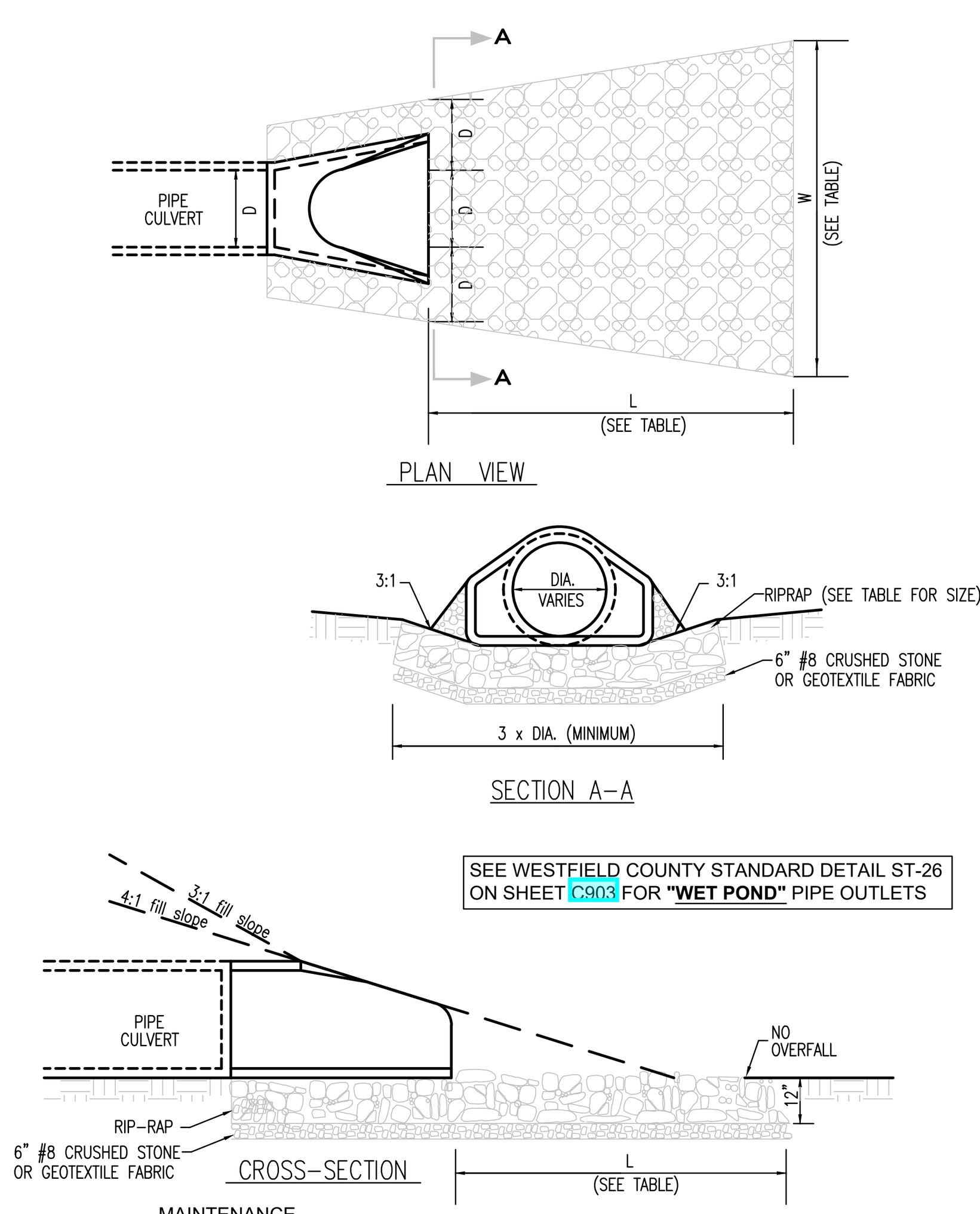
MULCHING

APPLY STRAW OR HAY MULCH AT A RATE OF 2 TONS PER ACRE. MULCH SHOULD BE DRY, AND FREE OF UNDESIRABLE SEEDS. MULCH SHALL BE CRIMPED OR PUNCHED TWO TO FOUR INCHES INTO THE SOIL. OPERATE MACHINERY PARALLEL TO THE SLOPE CONTOUR.

6 — **CONSTRUCTION PHASE SEEDING GUIDE** — SCALE: NONE



5 — **NPDES SWPP POSTING DETAIL** — SCALE: NONE



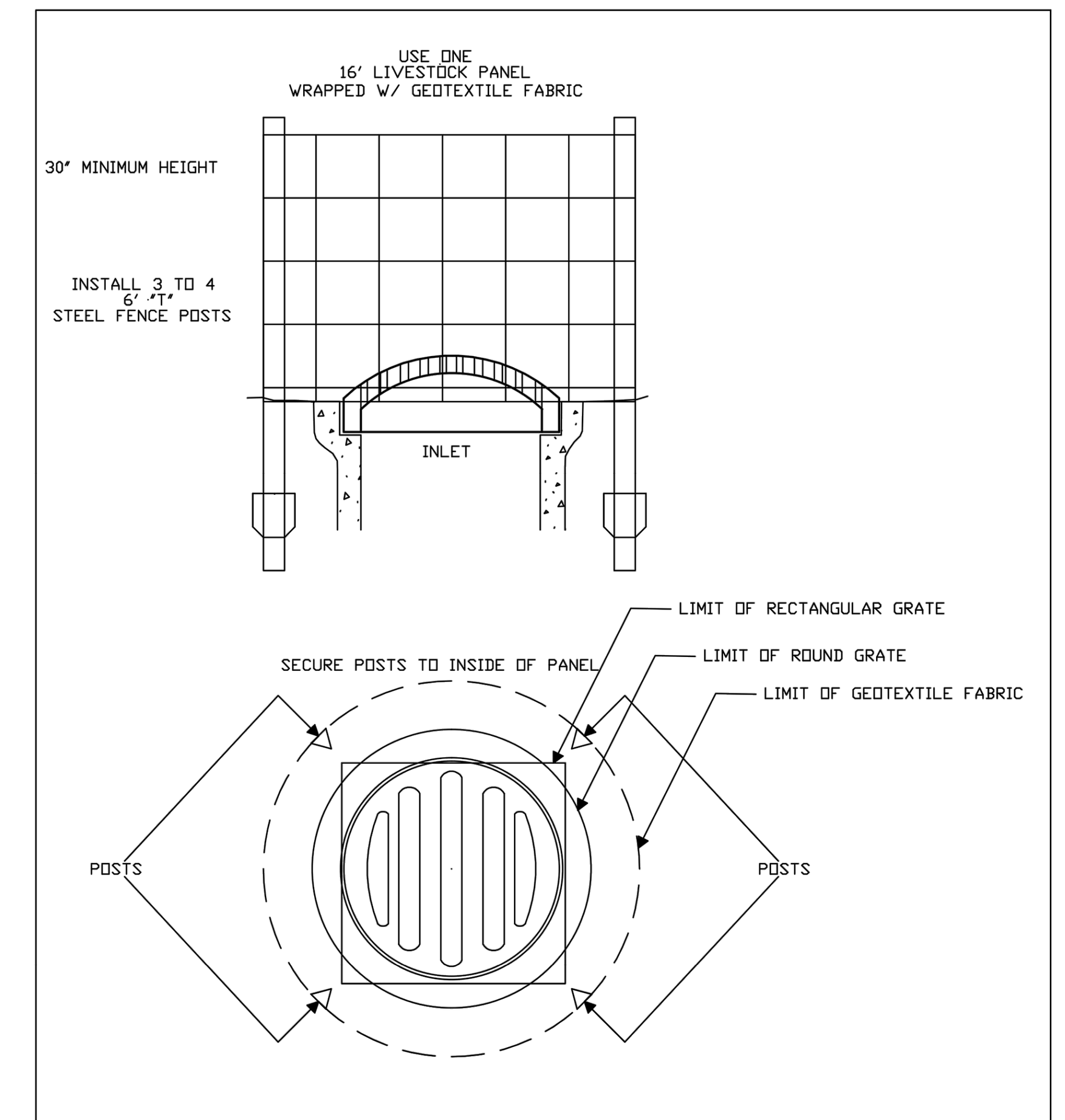
SEE WESTFIELD COUNTY STANDARD DETAIL ST-26 ON SHEET C903 FOR **"WET POND"** PIPE OUTLETS

MAINTENANCE
1. INSPECT ROCK CHUTES AFTER STORM EVENTS FOR STONE DISPLACEMENT AND FOR EROSION AT THE SIDES AND ENDS OF THE APRON.

RIPRAP QUANTITY FOR PIPE SIZES AND CHANNEL (SEE EC-7)								
Pipe Size	UNDEFINED OUTLET CHANNEL				DEFINED OUTLET CHANNEL			
	d 50	L	W	SYD	d 50	L	W	SYD
12	8"	6.0	9.25	5	8"	6.0	4.0	4
15	8"	10.0	11.5	9	8"	8.0	5.0	5
18	8"	10.0	11.5	10	8"	9.0	5.0	6
21	8"	14.0	15.75	17	8"	10.0	5.75	7
24	8"	16.0	18.0	22	8"	11.0	6.5	9
27	8"	16.0	18.25	23	8"	14.0	8.0	13
30	8"	18.0	20.5	29	8"	14.0	8.5	14
33	8"	20.0	22.75	35	8"	15.0	9.0	15
36	8"	20.0	23.0	36	8"	16.0	9.5	17
42	10"	22.0	25.25	40	8"	18.0	10.5	21

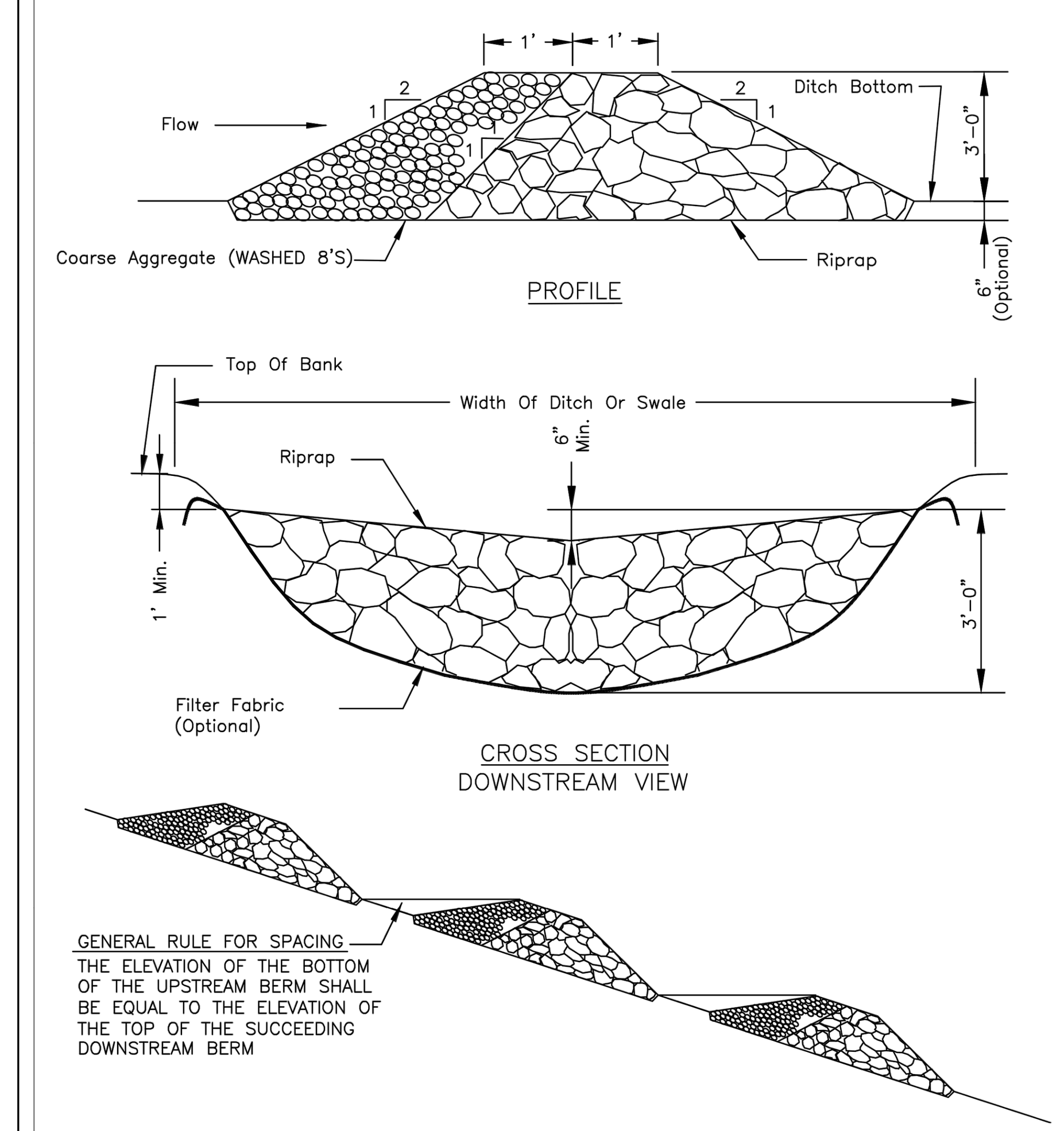
MAINTENANCE
1. INSPECT PERIODICALLY AND AFTER EACH STORM EVENT FOR STONE DISPLACEMENT AND EROSION AT THE
SIDES AND ENDS OF THE APRON.
2. MAKE REPAIRS IMMEDIATELY; USE APPROPRIATE SIZE STONE, AND DO NOT PLACE THEM ABOVE FINISHED
GRADE.

6 — **RIP RAP CHUTE OUTLET PROTECTION**



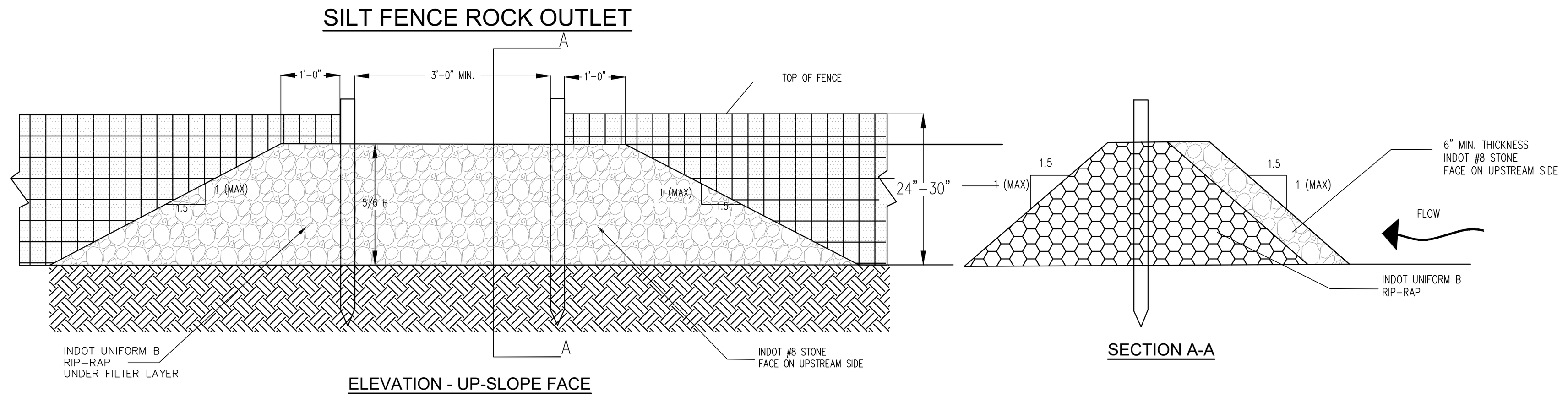
TEMPORARY DITCH INLET PROTECTION

CITY OF WESTFIELD, INDIANA — 4/1/13 DATE — FIGURE EC-1



ROCK CHECK DAM – RIPRAP

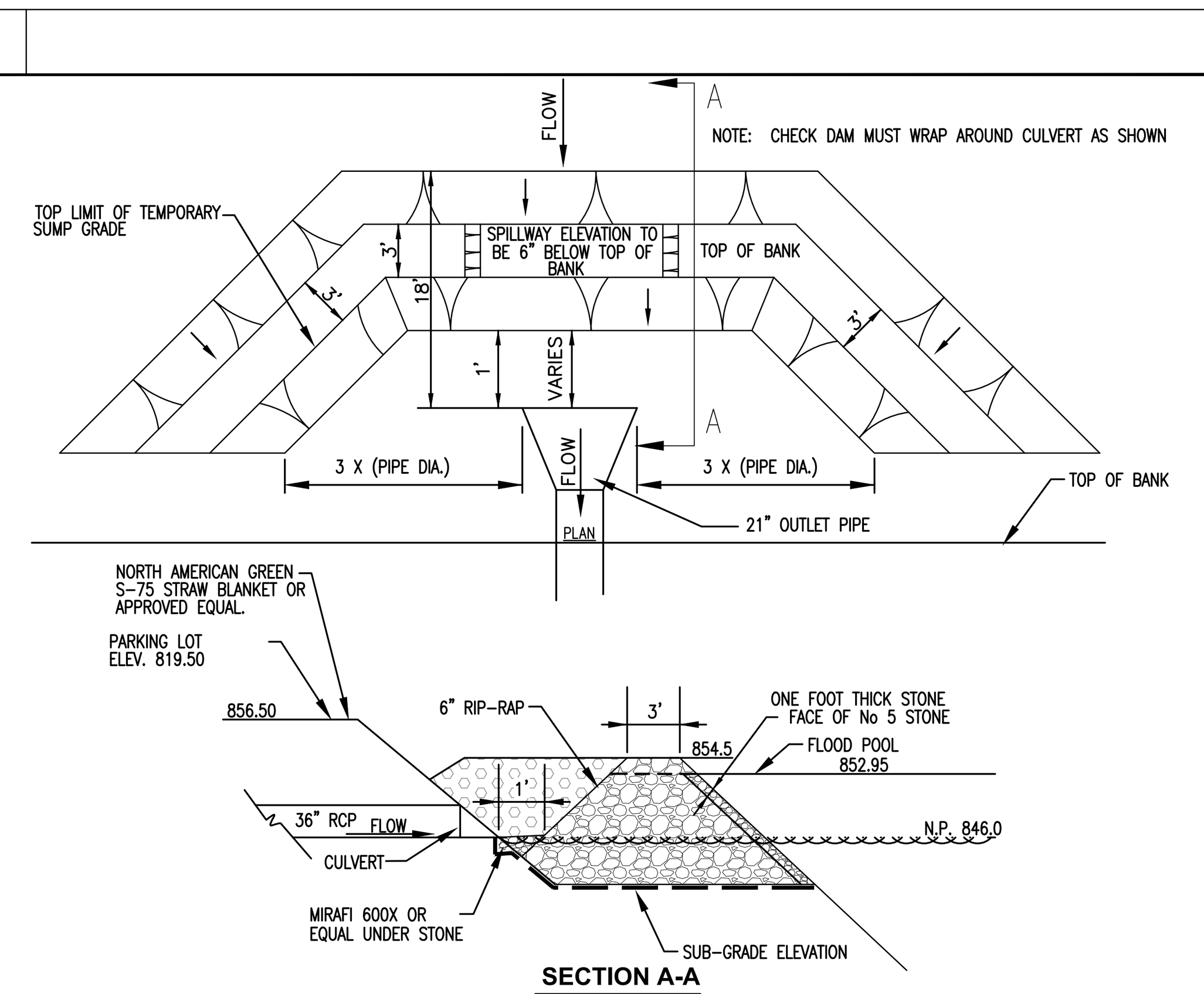
CITY OF WESTFIELD, INDIANA — 4/1/13 DATE — FIGURE EC-7



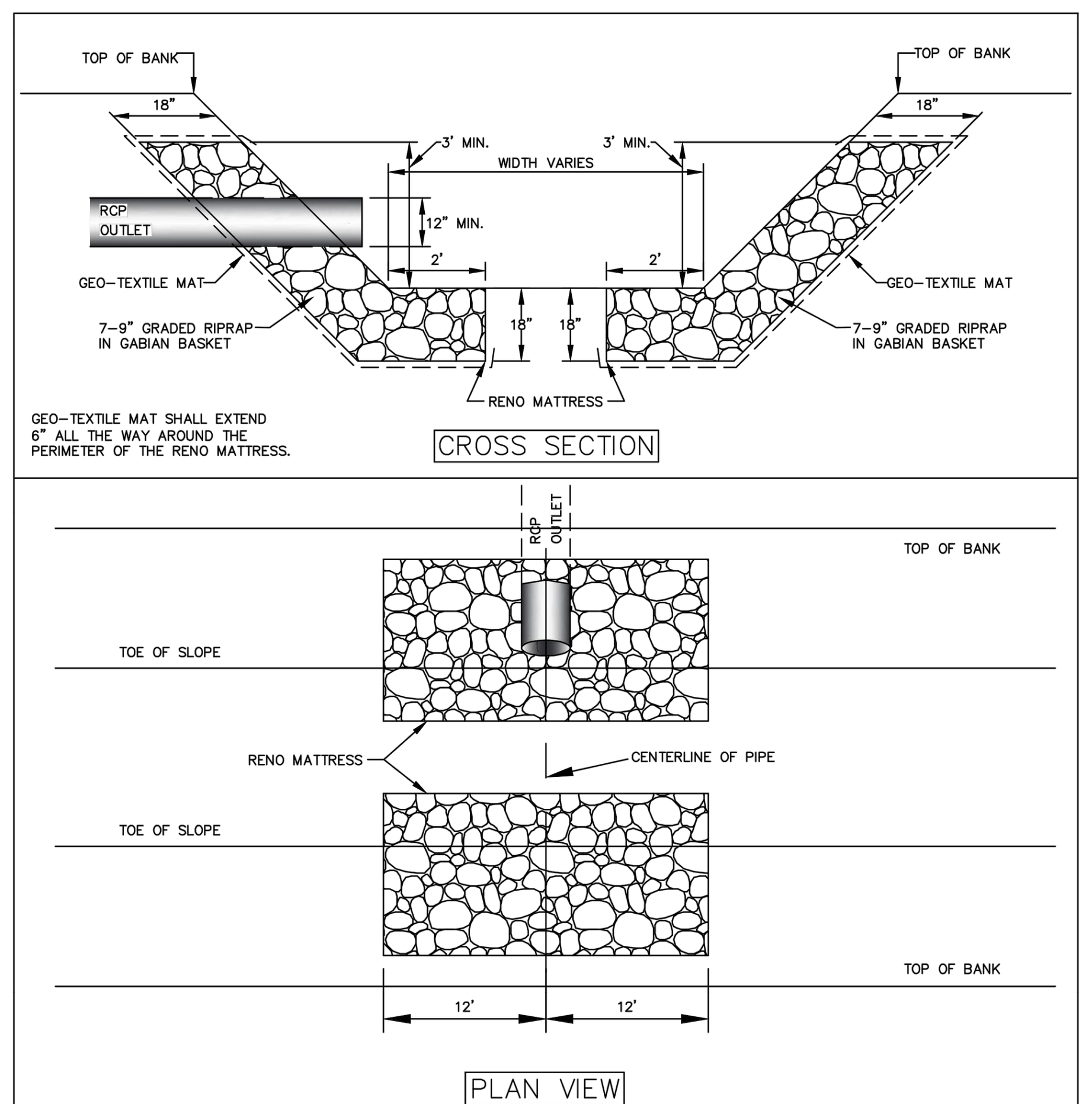
NOTES:

1. WASHED STONE (#8) TO BE REMOVED AND REPLACED ONCE IT BECOMES CLOGGED WITH SEDIMENT.
2. SEDIMENT TO BE REMOVED WHEN ACCUMULATIONS REACH 1/3 HEIGHT OF SILT FENCE
3. THE KEY TO FUNCTIONAL ROCK OUTLETS IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR SEDIMENT REMOVAL.

9 — **SILT FENCE ROCK OUTLET STRUCTURE** — SCALE: NONE

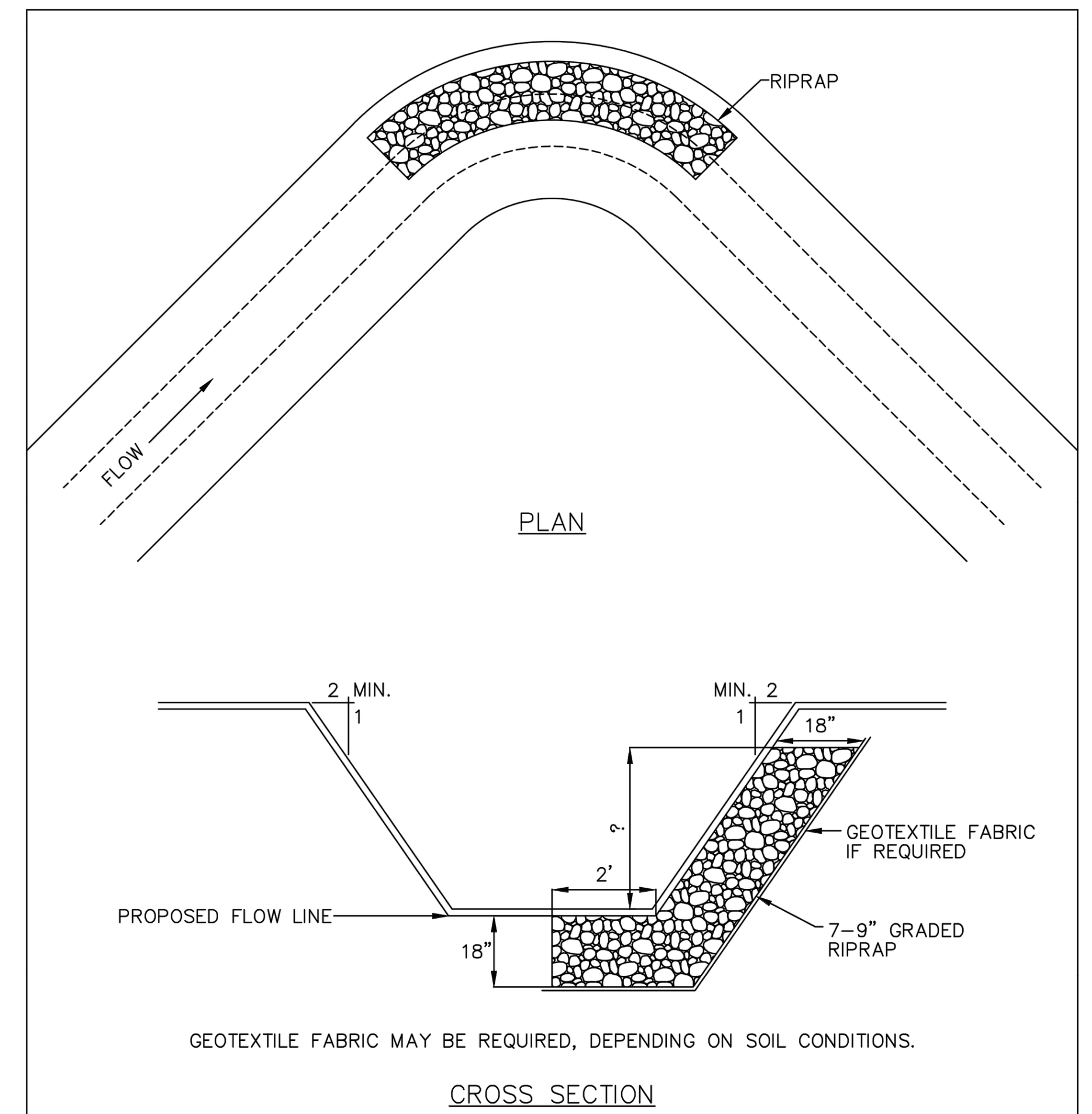


12 — **TEMPORARY STONE CHECK DAM AT INLET/OUTLET** — SCALE: NONE



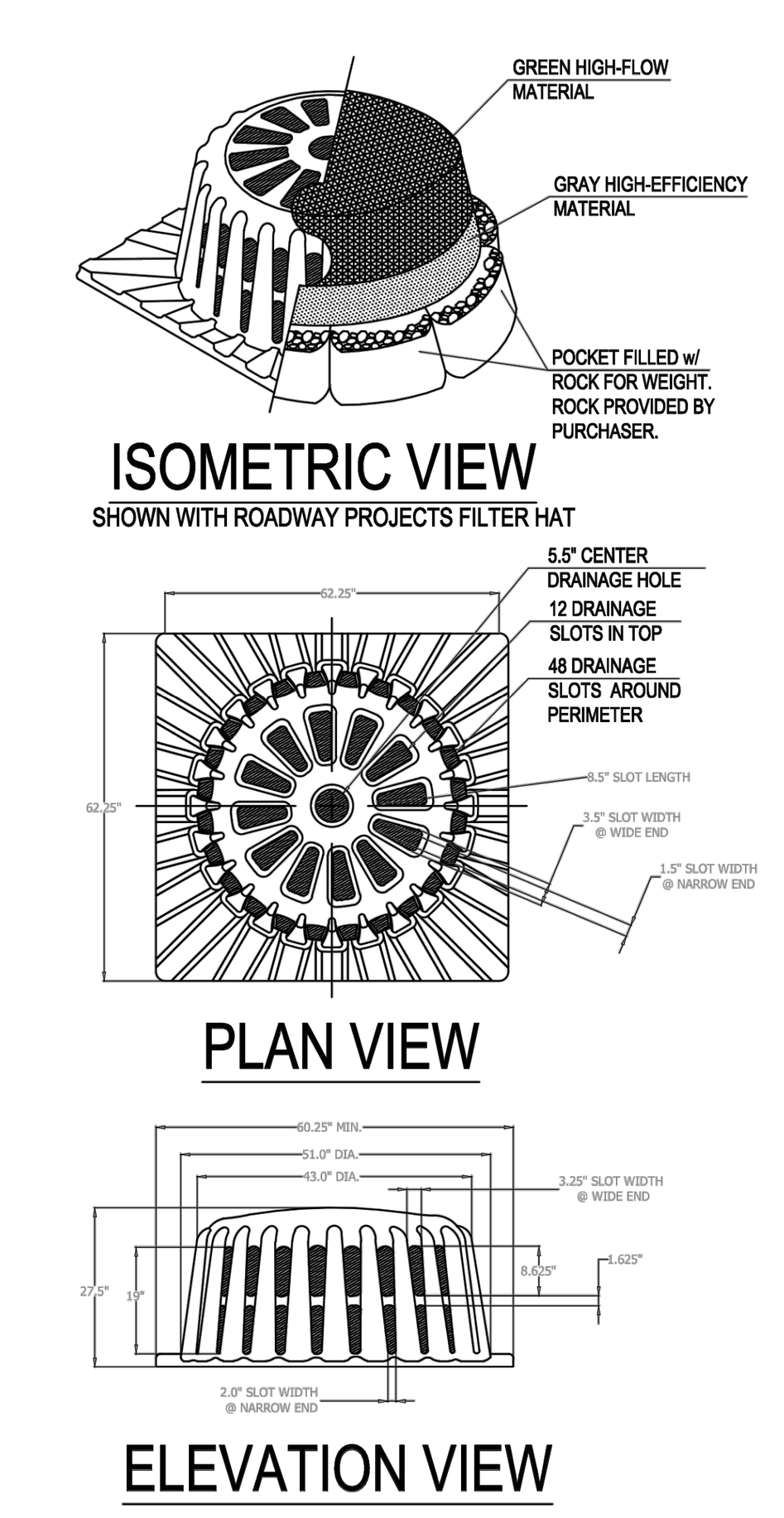
BANK ARMORMENT AT OUTLET PIPE IN OPEN CHANNELS

CITY OF WESTFIELD, INDIANA — 4/1/13 DATE — FIGURE ST-31



CORNER PROTECTION

CITY OF WESTFIELD, INDIANA — 4/1/13 DATE — FIGURE ST-32



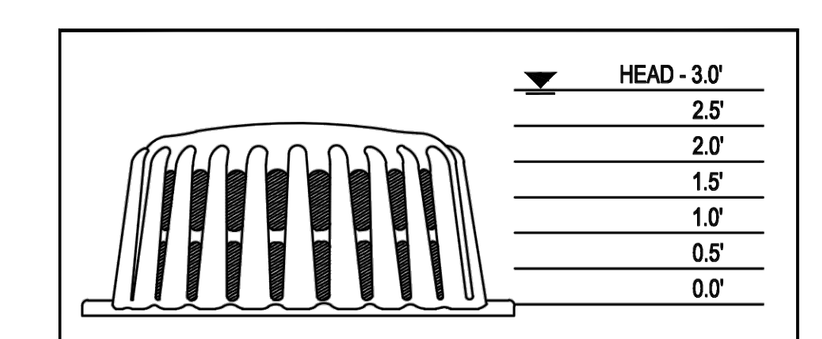
REPLACEMENT FILTERS: MODEL # S-240

FILTER OPTIONS
FILTER HAT IS AVAILABLE IN THREE OPTIONS:
1) ALL HIGH-FLOW MATERIAL
2) ALL HIGH-EFFICIENCY MATERIAL
3) HIGH-FLOW MATERIAL ON TOP HALF OF HAT, HIGH-EFFICIENCY MATERIAL ON BOTTOM HALF (THIS FILTER COVER IS RECOMMENDED FOR ALL ROADWAY PROJECTS.)
IT IS THE PURCHASERS RESPONSIBILITY TO PURCHASE APPROPRIATE FILTER HAT. PURCHASER SHALL PROVIDE ROCK FOR FILTER POCKETS.

FILTER HAT INSTALLATION
FILTER HAT SLIDES DIRECTLY OVER FILTER FRAME. TO KEEP FILTER FRAME IN PLACE OVER STORM STRUCTURE, ROCK POCKETS ARE SEWN DIRECTLY INTO FILTER HAT MATERIAL. EVERY FILTER HAT COMES IN ONE PIECE FOR EASY INSTALLATION.

MAINTENANCE
ALL TEMPORARY EROSION, SEDIMENTATION, & POLLUTION CONTROL PRACTICES SHOULD BE INSPECTED DAILY. CONTRACTOR SHALL REMOVE SEDIMENT AND DISPOSE OF IN A PROPER MANNER. INSPECT S-200A DAILY FOR CUTS, ABRASIONS, AND PROPER INSTALLATION. REPLACE OR REPOSITION AS NECESSARY.

SPECIFICATIONS
FILTER FABRIC SILT-SAVER HAT SHALL BE BASED ON DESIGN PROFESSIONAL'S SPECIFICATIONS.



FRAME & FILTER DISCHARGE ANALYSIS					
HEAD (FT)	EQUATION USED	OPENING AREA (SF)	FRAME FLOW (CFS)	FILTER AREA (SF)	FILTERED FLOW (CFS)
0.5	O	2.1	7	6	2
1.0	O	3.9	19	12	3
1.5	O	7.0	41	18	5
2.0	O	8.0	54	24	7
2.5	O	9.2	70	30	9
3.0	O	9.2	77	—	77

DUE TO NARROW SLOT, A TRANSITION WILL OCCUR BETWEEN WEIR AND ORIFICE CONDITIONS. ORIFICE FLOW WILL PROVIDE A MORE CONSERVATIVE ESTIMATE OF FLOW, THEREFORE THE LESSER OF THE ORIFICE AND WEIR FLOWS WILL BE USED FOR EACH STAGE CALCULATION.

FILTER MATERIAL ALLOWS 129 gpm/SF OR 0.29cfs/SF
ORIFICE EQUATION (O) = Q=0.6A(2gh)^0.5
P = FEET PERIMETER
h = HEAD IN FEET
Q = CAPACITY IN cfs
A = FREE OPEN AREA OF FRAME
g = 32.2 FEET-PER-SECOND/SECOND

SILT SAVER INLET PROTECTION MODEL #S-200

CITY OF WESTFIELD, INDIANA — 4/1/14 DATE — FIGURE EC-14

APPROVAL PENDING NOT FOR CONSTRUCTION

Brett Hite
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email: BHite@csoinc.net
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317.848.7800 | csoinc.net

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A&F ENGINEERING
Transportation & Site Engineering
Creating Order Since 1966

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:		
1	ADDENDUM #2	06/17/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

DRAWING TITLE:
SWPPP PLAN (DETAILS)

CERTIFIED BY:
KAREN K. COLLINS REGISTERED No. 10404538 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWING NUMBER
C408

PROJECT NUMBER
2023061

Z:\2023\23093L-CONTEXT, NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\C407 SWPPP PLAN (DETAILS).DWG plotted by STEVEN O'ROURKE on 6/14/2024 4:07:03 PM last saved by NMACK on 6/14/2024 1:36:32 PM
Xrefs: X36X24E.DWG

Project Information:

Project Name: Westfield Washington Middle School - West
County: Hamilton
Civil Township: Washington Quarter: SW Section:32 Township: 19N Range: 3E
Latitude: 40°02'85" N Longitude: 86°12'02" W
Project Location: Centennial Road & State Road 32.

Project Narrative: The project site, which includes both a new middle school and a new transportation center, is approximately 89 acres. An additional 6.6 acres will include construction of Towne Road and improvements to Centennial Road. The project area is currently used for agricultural purposes, including both a tree farm and a crop farm.

The existing drainage pattern of the site predominantly directs water towards the south, with a notable portion flowing southeast via an existing natural channel. This natural channel serves as a tributary to Little Eagle Creek located approximately 2055 feet east of the site (along SR 32).

Offsite drainage runoff enters the project site from both the North and West property boundaries. Runoff from the west enters the site through culvert structures beneath Centennial Road, subsequently entering a roadside ditch that flows south towards SR 32 and then east along SR 32. Simultaneously, a large segment of runoff from areas north of the site is directed into the existing natural channel.

Proposed sanitary sewer and water main will be a 10-inch and 20-inch pipe respectively. The onsite sanitary sewer line will run west to east (direction of flow) along the new internal road and connect to the existing 54-inch interceptor sewer. The water main will be extended along SR 32 from Ditch Road to the site and will serve both the middle school and transportation center. See utility plans for reference.

The proposed development includes administrative offices, classrooms, laboratories, basketball courts, a football field, baseball fields, tennis courts, transportation center, parking lots for school buses and passenger vehicles, and connecting roadways. The development also includes the design and construction of a new collector road (Towne Rd.) along the eastern property limits and improvements on Centennial Road (along western property boundary) to accommodate the increase in traffic and vehicular loads.

SECTION A

Storm Water Pollution Prevention Plan Elements
Assessment of Construction Plan Elements for Technical Review and Comment

This section is to address technical review and comments of the Construction/Stormwater Pollution Prevention Plan for the Project.

A1 Plan Index : See Sheet C100

A2 Vicinity Map: Denoted on Sheet C100

A3 Project Narrative: See Narrative above. The project is located in Washington Township, Section 32, T-19N, R-3E in Hamilton County, Indiana.

A4. Latitude: 40°02'85" N Longitude: 86°12'02" W

A5. Legal description of project site: Denoted on Sheet SV1-12.

A6. 11"x17" Plat boundaries and street is provided separate.

A7. 100 Year Floodplains, Floodways and Flood Fringes: None

A8. Adjacent Land Use:
North: AG-SF1 - Agricultural and Single Family
South: AG-SF1 - Agricultural and Single Family & PUD
East: AG-SF1 - Agricultural and Single Family
West: AG-SF1 - Agricultural and Single Family

A9. Identification of U.S. EPA approved or established TMDL: Little Eagle Creek, which is receiving water for this project, is impaired, but has no TMDL report.

A10. Receiving Waters: The project detention basin drains to Little Eagle Creek. The regional wet detention basin will encourage suspended solids and other pollutants to settle out or be filtered out of runoff before it discharges from the detention pond.

A11. Identification of discharges to a water on the current 303(d) list of impaired waters and the pollutants for which it is impaired: Post Developed stormwater runoff flows to Little Eagle Creek . This waterway has been listed on the 303(d) list as impaired due to bacteria & other microbes. There are no plans specified for this water body.

A12. Soils Map including descriptions and limitations: See Plan Sheet C100. The Brookston and Crosby soils found on the project site are considered to be partially hydric on the NRCS Hydric Soils List. Hydric soils in combination with hydrophytic plants and appropriate hydrology are indications that "waters of the state" may be present on the site. However, artificial draining of the pre-development site has prevented hydrophytic vegetation from developing on the site.

A13. Location of all wetlands, lakes & water courses on and adjacent to site: Stormwater will be retained onsite in a wet pond. Allowable discharge runoff will flow into an outfall located along SR 32 which discharges into the Little Eagle Creek. See Sheet C100 and C500 series. No known wetlands exist on site.

A14. State or Federal Water Quality Permits: IDEM Construction Stormwater General Permit

A15. Identification of existing vegetative cover, including natural buffers: Existing site is an agricultural field with some trees & brush along fence areas / site edges.

A16. Existing site topography: See Plan Sheets SV 1-12 for existing site topography.

A17. Locations where runoff enters the project site: Offsite runoff enters the project site from both the North and West property boundaries. Runoff from the west enters the site through culvert structures beneath Centennial Road, subsequently entering a roadside ditch that flows south towards SR 32 and then east along SR 32. Simultaneously, a large segment of runoff from areas north of the site is directed into the existing natural channel, that drains to SE.

A18. Specific points where storm water discharge will leave the site: Existing offsite storm water runoff entering the site from the North will continue to exit through ta regional wet pond and its secondary outlet. Runoff from the west is conveyed through a culvert and into a dry detention pond discharging into outfall #1 (SW of our site) on SR 32. Proposed post-developed storm water collected from the project site will be discharged into regional wet pond with a 24-in RCP outlet pipe. The runoff discharged is within the allowable release rates set forth by the city of Westfield stormwater regulations. The run off will exit our site and discharge into outfall 3 (located along SR 32 - SE of our site).

A19. Location of all existing structures on the project site: There is an existing natural channel on the project site.There are three outfalls located along the SR 32 which borders our property at the south

A20. Existing permanent retention or detention facilities: There are no existing permanent retention or detention stormwater system on the project site.

A21. Identification of potential discharges to ground water: Excavation pits can be potential sources of discharge into groundwater. There is a potential for discharges into groundwater from sediment resulting from exposed soils, leaves, mulch, and vehicular sources if a significant rain event occurs while excavations are open. There are no known abandoned wells, dry wells, sinkholes or karst features on the project site.

A22. Project Area: The area is approximately 89± Acres. 95 percent of the project site is expected to be disturbed in this project.

A23. Expected Land Disturbance Area: 84± Acres.

A24. Proposed final topography: See Plan Sheets C3011 to C3017 for proposed site grading and drainage patterns

A25. Locations and approximate boundaries of all disturbed areas: See Plan Sheet C401-C406.

A26. Locations, size and dimensions of proposed storm water systems: See Plan Sheets C5011-C505 and Sheets C7011 - C7012 for proposed storm sewer system

A27. Locations of specific points where stormwater and non-stormwater discharges leave the site: See Sheets C5011-C505 for location of all storm sewer pipes, structures and outlets as well as sanitary discharge line and connection locations.

A28. Improvements: Sheets C5011-C505 show the location of all storm water and other utility discharges leaving the site.

A29. Locations of Soil Stockpiles: Locations for temporary stockpiles to be determined by contractor. Stockpiles to Utilize perimeter protection. Stockpile height / geometry per city Standards.

A30. Stormwater Pollution Prevention Plan Construction Suport Activities: See sheets C401-C406. These sheets locate support activities and structures such as staging areas, portable toilets and trash receptacles, and concrete washout areas.

A31. Location of in-stream activities: This project does not include work within a stream.

SECTION B

Stormwater Pollution Prevention Plan
Construction Components and Sequencing

The construction component of the SWPPP includes stormwater quality measures to address erosion, sedimentation, and other pollutants associated with land disturbance and construction activities. Proper implementation of the plan and inspections of the construction site are necessary to minimize the discharge pollutants. The project Site Owner should be aware that unforeseen construction activities and weather conditions may affect the performance of a practice or the effectiveness of the plan. The plan must be a flexible document, with provisions to modify or substitute practices as necessary.

B1 Description of potential pollutants sources associates with the construction activities:
Silt and sediment from exposed soils, leaves, mulch, material and fuel storage areas, vehicular sources such as fueling locations, leaking fuel or oil, brake fluid, brake dust, trash, and debris, biological agents found in trash, fertilizers, herbicides, pesticides, acid rain, lime dust and concrete washout are all potential pollutants on this project.

Sanitary Facilities: All personnel involved with construction activities must comply with state and local sanitary or septic system regulations. Temporary sanitary facilities will be provided at the site throughout the construction phase. The facilities must be used by all construction personnel and will be serviced by a commercial operator.

Concrete and Masonry Materials: A concrete/masonry washout shall be present onsite. Contractor shall not use unlined earthen pits and shall ensure the washout is an appropriate size and includes a lining to prevent pollutants from reaching ground water or the storm sewer system. For shorter term projects a pre-fabricated washout is recommended. To prolong life of pre-fabricated washouts scrapings may be stockpiles next to the washout provided the washout and stockpile are regularly maintained and legible use instructions are posted, and the area is returned to previous conditions when concrete work is finished.

Litter: The construction site shall be kept clean at all times. Miscellaneous litter poses a threat to surrounding waterways and is an aesthetic nuisance.

Sediment/Exposed Soil: All exposed soils not currently within active work areas are to be temporarily seeded or mulched so as to not be left exposed to weather. The site perimeter and infrastructure shall be protected with measures such as sediment basins, silt fencing, inlet protection, and check dams.

Haul/Construction Materials: All Materials hauled to or from the site should be secured to prevent littering, wind blown sedimentation, etc. All spills should be cleaned up immediately.

Solid Waste Disposal: No solid materials including building materials are allowed to be discharged from the site via stormwater. All solid waste, including disposable materials incidental to the major construction activities, must be collected and placed in closed containers.

B2 Refer to Sheet C401 for location of construction entrances. Construction entrances shall be installed prior to any on-site work activities.

B3 Temporary Surface Stabilization: This project requires any areas that have been disturbed and denuded and in which work will not occur for 14 days or more to be stabilized with rapid growing annual grasses or small grains until such time as permanent, non-erosive cover can be established. temporary vegetative density shall be maintained at eighty percent (80%) density or greater. See Sheet C401 & C402 for location of temporary seeding and Sheet C403 - 404 for temporary seeding and mulch specifications. All Topsoil stockpiles shall have temporary seeding.

Permanent Surface Stabilization: The purpose of permanent soil stabilization is to prevent soil from leaving the site. Protective permanent stabilization for this site will be one of the following: Permanent turf grass cover, paving system, or building. See Sheet C405 and C406 for permanent seeding and mulch specifications.

B4 Sediment control measures for concentrated flow areas: This item is intended to address areas of the site where runoff will occur in a concentrated flow condition. Erosion control blankets, rock check dams and donuts may be used on this project in concentrated flow areas. Temporary silt fence outlets placed at two locations on the site will prevent sediment from leaving the site at the north and south ends of the project. Upon installation of the new storm sewer system, and new seed and mulch establishment, the silt fence and outlet structures shall be removed. Sediment control measures for concentrated flow such as a stone check dam at the 18-inch culvert and the new catch basin inlet over the existing 18-inch culvert, are to be inspected after every major rainfall event totaling ½" of rain or more and a minimum of once a week. See Plan Sheet C403-C406 for specific project locations of concentrated flow protection measures.

B5 Sediment control measures for sheet flow areas: Silt fence installed around the perimeter of the site will protect offsite areas from construction site sheet flow discharges. . This area will be stabilized with permanent seed and erosion control blanket. See Plan Sheet C401-C404 for specific project locations of sheet flow protection measures. Examples of sheet flow protection measures include silt fencing, temporary seed and mulch, permanent seed and mulch including erosion control blanket.

B6 Sediment control measures for runoff control: This project will use coir fiber log check dams , and silt fence outlets for runoff control during construction. Upon project completion, runoff control will be provided with vegetated swales and new storm sewer system to prevent sediment from entering the retention pond. Remaining perimeter areas with non-concentrated flow will be protected with straw mulch and/or erosion control blanket. See Plan Sheets C403-C406.

B7 Storm Water Outlet Protection Measures: See Plan Sheets C403-C406.

B8 Grade Stabilization Structure Locations and Specifications: Existing vegetation will be protected around existing catch basins and culverts to prevent destabilization of existing grades draining to existing outlets at the north and east property lines. All other developed site runoff will be directed to a new storm sewer system to prevent grade destabilization. See Plan Sheets C403-C406.

B9 Dewatering Applications and Management Methods: Contractor shall use dewatering bags with methods described on Sheet C407 for all concentrated discharge areas. Discharge from dewatering of ground water from excavations, trenches, foundations, etc. must not be discharged from site unless it has been cleared of suspended solids by one of the following methods:

- Dewatering bag (following methods shown on Sheet C407)

B10 Measures Utilized for Work within Waterbodies: There is no work within existing waterbodies.

B11 Monitoring and maintenance guidelines for each proposed stormwater quality measure:
Temporary gravel construction entrance maintenance requirements
1. Inspect entrance pad and sediment disposal area weekly and after storm events or heavy use.
2. Reshape as needed for drainage and runoff control.
3. Top dress with clean stone as needed.
4. Immediately remove mud and sediment tracked or washed onto streets by brushing or sweeping. Flushing should only be used if the water is conveyed into a sediment trap of basin.
5. Repair any broken road pavement immediately.

Silt fence maintenance requirements
1. Inspect the silt fence periodically and after each storm event.
2. If fence fabric tears, starts to decompose or in any way becomes ineffective, replace the affected portion immediately.
3. Remove deposited sediment when it reaches half the height of the fence at its lowest point or is causing fabric to bulge.
4. Take care to avoid undermining the fence during cleanout.
5. After the contributing drainage area has been stabilized, remove the fence and sediment deposits, bring the disturbed area to grade and stabilize.

SECTION B - continued

Stormwater Pollution Prevention Plan
Construction Components and Sequencing

Area Drain, and Curb Inlet barrier maintenance requirements.
1. Inspect after each storm event and repair if necessary.
2. Remove sediment, without flushing, when it reaches half the height of barrier.
3. Deposit removed sediment where it will not enter storm sewer drains.
4. Replace or repair if torn or damaged in other ways.
5. When contributing drainage area has been stabilized, remove and properly dispose of construction material and sediment, finish grade the disturbed area and stabilize.

Erosion control blanket (surface applied) maintenance requirements
1. During vegetative establishment, inspect after each storm event for any erosion below the blanket.
2. If any area(s) shows erosion, pull back that portion of the blanket covering it, reseed the area and relay and staple the blanket.
3. After vegetative establishment check the treated area periodically.

Topsoil (Salvage and Utilization):
1. Inspect newly topsoiled areas frequently until vegetation is established
2. Repair eroded or damaged areas and re-vegetate.

Rock Check Dam:
1. Inspect check dams and the channel after each storm event, and repair any damage immediately.
2. If significant erosion occurs between dams, install a riprap liner in that portion of the channel.
3. Remove sediment accumulated behind each dam as needed to maintain channel capacity, to allow drainage through the dam, and to prevent large flows from displacing sediment.
4. Add rock to the dams as needed to maintain design height and cross section.
5. When the dams are no longer needed, remove the rock and stabilize chanel, using an erosion-resistant lining if necessary.

Riprap:
1. Inspect periodically for displaced rock material, slumping, and erosion at edges, especially downstream or downslope. Repair as needed.

Concrete Washouts

1. Inspect and remove hardened concrete daily or as often as required to maintain a minimum 24-hour storage volume.

All erosion and sediment control measures must be properly maintained throughout construction. Temporary and permanent seeding should be watered as needed until established. See Plan Sheets C401-C406 and Detail Sheet C407.

B12 Planned Construction Sequence Describing implementation of Stormwater Quality Measures:
Description of potential pollutants sources associates with the construction activities:
Silt and sediment from exposed soils, leaves, mulch, vehicular sources such as leaking fuel or oil, brake fluid, brake dust, trash, and debris, biological agents found in trash, fertilizers, herbicides, pesticides, acid rain, lime dust and concrete washout.

Sequencing of storm water quality implementation relative to land disturbance activities:
This plan has been created in an effort to eliminate or reduce sediment from leaving the Project during construction while protecting the adjoining properties and the offsite storm sewer system. If measures specified in these plans are implemented the chance that sediment will leaving the site will be reduced. Protection of the pervious paving system once it is constructed is of prime importance on this project.

Pre-Construction and Perimeter Control Activities:
1. Schedule Pre-Construction meeting with City of Westfield Storm Water Department before commencing work. Install a public notice and permit board with all permits including the IDEM Notice of Intent, approved construction plans and CGP Inspection Report documentation.
2. Call the Indiana Underground Plant Protection Systems, Inc. ("Holey Moley") at 811 or 1-800-382-5544 to check the location of any existing utilities. They should be notified two working days before construction takes place. All existing utilities shall be protected and/or immediately repaired if damage to existing structures occurs.
3. A silt fence shall be installed at the edges of the project site. Preservation of existing upstream grass strips and existing vegetation on and immediately adjacent to the offsite detention basin banks is a priority and will greatly reduce sediment transport.
4. Maintain a 10' minimum grass filter strip along the site perimeter adjacent to public streets wherever possible.

Construction Phase Activities:
1. Establish stabilized site access, parking, and storage to prevent tracking onto public roadways.
2. A construction entrance shall be placed per the plan location.
3. A stabilized staging area shall be marked out and placed per the plan location. Staging area shall also have covered trash enclosures, and portable toilets.
4. A concrete washout shall be placed in a convenient location near the construction entrance/exit.

Establish Topsoil Stockpile area:
1. Contractor to evaluate location of soil stockpile area and protect with silt fence (see details).

Construction Phase Erosion and Sediment Control

1. Once pre-construction erosion and sediment control measures, and tree protection fence are in place begin land clearing followed immediately by rough grading. Do not leave large areas unprotected for more than 14 days.
Indiana Construction Stormwater General Permit (CSGP) requires that all disturbed area that will potentially be idle for 14 days or more must be completely stabilized within fourteen (14) days after being left idle.
2. Minimize dust generation through dust suppression techniques to prevent depositio into waters of the state and areas located beyond the permitted project boundaries.
3. Monitor and manage project construction and stormwater activities through administration of a self-monitoring program (SMP) that includes a written evaluation of the entire project site. The evaluation report must include all items shown on the example inspection report included on this sheet. The evaluation must be performed by a trained individual and completed:

a) Twenty-four (24) hours prior to a qualifying precipitation event or by the end of the next business day following each measurable storm event (defined as 0.5" rainfall within a 24-hour period). If no rain occurs within the work week a minimum of one inspection must occur.

Project Completion

1. Upon completion of mass grading, install storm sewers and install outlet riprap and check dam. Install inlet protection at each inlet at time it is installed. Leave these sediment prevention measures in place until entire disturbed area is covered with 70 percent vegetative cover or hard surfaces.
2. Proceed with paving installation and concrete walk construction.
3. Finish grade all non-paved areas upon completion of all paving.
4. Apply permanent seed, mulch and/or erosion control blanket as specified on the plans.
5. Maintain all temporary BMP measures until all vegetated areas have reached 70% coverage density.

B13 Provisions for Erosion and Sediment Control on Individual Residential Building Lots
Regulated under the Proposed Project: There are no residential lots associated with this project.
B14 Material handling and Spill Prevention, and Spill Response Plan Meeting Requirements.

Material handling and spill prevention plan:
Purpose:
The intention of this Spill Prevention, Control and Countermeasures (PCC) is to establish the procedures and equipment required to prevent the discharge of oil and hazardous substances in quantities that violate applicable water quality standards, cause a sheen upon or discoloration of the surface of Receiving water or adjoining shorelines, or cause sludge or emulsion to be deposited beneath the surface of the water or adjoining shorelines. The plan also establishes the activities required to mitigate such discharges (i.e. countermeasures) should they occur.
Definitions:
Pollutant: Means pollutant of any kind or in any form, including but not limited to sediment, paint, cleaning agents, concrete washout, pesticides, nutrients, trash, hydraulic fluids, fuel, oil, petroleum, fuel oil, sludge, oil refuse, and oil mixed with wastes other than dredged soil.
Discharge: Includes, but is not limited to, any spilling, leaking, pumping, pouring, emitting, emptying or dumping.
Receiving Navigable Waters: Means all waters of the United States that are connected with a Receiving stream, lake, or sea. [Note: this definition is usually interpreted to mean any wastewater even normally dry wash or storm sewer) that eventually drains into a Receiving stream.
Plan Review Amendments:This plan shall be reviewed and/or amended, if necessary, whenever there is a change in the design of the site, construction, operation, or maintenance which materially affects the site's potential for the discharge of regulated material.

SECTION B- continued:

Stormwater Pollution Prevention Plan
Construction Components

Prediction of Potential Spills:
1. Nearest Receiving Water: Little Eagle Creek.
2. Drainage System: In the post-developed condition storm water leaves the site via a new culvert on Towne Rd (by others) and will discharge into outfall #3.
3. Possible spill sources (during and post-construction):
Vehicular sources such as concrete or cementitious washout, leaking fuel or oil, brake fluid, grease, antifreeze; construction trash and debris, biological agents found in trash and debris, fertilizers, household items including but not limited cleaning agents, chemicals, paint, herbicides and pesticides.
4. Groundwater contamination:
The facility maintains NO above ground or underground storage tanks at this site. Therefore, it is felt that there is little or no possibility of post-construction groundwater contamination. The facility does have city sanitary sewer and city water.

Alert Procedures for Spills:
1. Any personnel observing a spill will immediately initiate the following procedure:
a. Notify the designated emergency coordinator for the project.
2. The Emergency Coordinator will then take the following actions:
a. Barricade the area allowing no vehicles to enter or leave the spill zone.
b. Notify the Indiana Department of Environmental Management, Office of Emergency Response by calling the appropriate telephone number.
Office 317-233-7745 Toll Free 800-233-7745
Also the National Response Center at 800-424-8802 and provide the following information:
Time of observation of the spill
Location of the spill
Identity of material spilled
Probable source of the spill
Probable time of the spill
Volume of the spill and duration
Present and anticipated movement of the spill
Weather conditions
Personnel at the scene
Action initiated by personnel
- Notify the City of Westfield Fire Department : Phone 911
- Notify the City of Westfield Police Department: Phone 911
- Notify waste recovery contractor, maintenance personnel or other contractual personnel as necessary for clean up
- Coordinate and monitor clean up until the situation has been stabilized and all spills have been eliminated.
- Cooperate with the IDEM-OER on procedures and reports involved with the event.

Cleanup Parameters:
1. The developer shall be continually kept informed, maintain lists of qualified contractors and available Vac-trucks, tank pumpers and other equipment readily accessible for clean-up operations. In addition, a continually updated list of available absorbent materials and clean up supplies should be kept on site.
2. All maintenance personnel will be made aware of techniques for prevention of spills. They will be kept abreast of current development or new information on the prevention of spills and/or necessary alteration to this plan.
3. When spills occur which could endanger human life and this becomes primary concern, the discharge of the life saving protection function will be carried out by the local police and fire departments.
4. Absorbent materials, which are used in cleaning up spilled materials, will be disposed of in a manner subject to the approval of the Indiana Department of Environmental Management.
5. Flushing of spilled material with water will not be permitted unless so authorized by the Indiana Department of Environmental Management.

B15 Material Handling and Storage Procedures associated with Construction Activity

1. All construction traffic must enter and exit the site at the stabilized construction entrance. The construction entrance shall be cleaned daily and replaced as needed to prevent soil from tracking onto public streets.
2. Water trucks shall be used as needed to reduce and/or prevent dust generated on the site. Dust control must conform with local and state dust control regulations.
3. Non-stormwater components of site discharge must be clean water. All non-stormwater or non-public water that discharges from the site must be cleaned by filter bags and/or settling basins until the water is clean or it evaporates as dictated by local and state regulations.
4. Concrete waste: Onsite discharge of excess or waste concrete and/or wash water from concrete trucks will be allowed ONLY at the on-site designated concrete washout facility. Cured residue at the washout shall be broken up and disposed of offsite per applicable state and federal regulations.
5. Dumpsters: All dumpsters shall have watertight lids and lids shall remain closed when access to dumpster is not needed.
6. Sanitary Facilities: Temporary sanitary facilities will be provided at the site throughout the construction phase. They must be utilized by all construction personnel and shall be serviced by a commercial operator.
7. Vehicle and Equipment Leaks and Maintenance: Use secondary containment when transferring fuel from the tank truck to a vehicle fuel tank or piece of equipment. Cover all storm drains in the vicinity during the transfer. Clean up small spills with absorbent materials and promptly dispose of in water tight container.
8. The construction process requires the use of many chemicals including paint, solvents, fertilizers, etc. Provide secondary containment for all these products to prevent contamination of storm sewer systems and adjacent waterways. Adequately cover all products and materials that must be stored outside to prevent rainwater contact. Cover and contain all material stockpiles (such as salt) to prevent contact with rainwater.

SECTION C

Stormwater Pollution Prevention Plan
Post Construction Component

Post construction storm water quality measures should be functional upon completion of the project. Long term functionality of the measures are critical to their performance and should be monitored and maintained.

C1 Description of pollutants and their sources associated with the proposed and use:
- Fertilizers from lawn areas.
- Trash and debris from users.
- Automobile fluids and rubber fragments from parking lots.
- Accumulated silt, sediment and salts parking lots.

C2 Description of Proposed Post-Construction Stormwater Quality Measures:
The following items are stormwater quality measures that have either been installed prior to the start of construction or will be installed during construction post construction. These items will remain in place after construction is complete and are considered to serve as post construction BMP's.

Permanent Vegetation:

All unpaved areas will be stabilized with permanent lawn seed mixtures or with native species ground cover planting beds and mulch. Lawn areas shall be maintained with fertilizer, over-seeding, or mulch as needed to maintain a minimum 70% density vegetated cover or 100% mulch cover. Native seed communities shall be bush hogged once a year to discourage undesirable species and allow native species to thrive. Formal planting areas shall be fertilized, mulched, watered and otherwise maintained to promote plant establishment and longevity.

Onsite Wet Detention Pond:

The onsite wet detention pond will control both storm water quality and quantity by capturing and treating storm water runoff. Wet Detention Ponds detain storm water runoff long enough for contaminated sediments and organic nutrients to settle and remain in the pond and later allow existing water in the pond to be replaced by the next rain event.

All unpaved areas will be stabilized with permanent lawn seed mixtures or with native species ground cover planting beds and mulch. Lawn areas shall be maintained with fertiliizer, over-seeding, or mulch as needed to maintain a minimum 70% density vegetated cover or 100% mulch cover. Native seed communities shall be bush hogged once a year to discourage undesirable species and allow native species to thrive. Formal planting areas shall be fertilized, mulched, watered and otherwise maintained to promote plant establishment and longevity.

Stormwater Quality - Vegetated Swales

Vegetated Swales are used for stormwater quality treatment in this project. The vegetated swales are used as pretreatment facilities prior to the runoff reaching the wet pond. runoff entering the swale are filtered for pollutants and sediments while conveying the wastewater into pipes and/or wet pond.

SECTION C continued:

Stormwater Pollution Prevention Plan
Post Construction Component

C3 Location, Dimensions, Specifications, and Construction Details of each stormwater quality measure:

The stormwater quality structures that will be installed during construction are shown on sheet C406.

C4 Sequence, Describing Stormwater Quality Measure Implementation:

The stormwater quality structures installation sequence are shown on sheet C406.

C5 Maintenance Guidelines for Post Construction Stormwater Quality Measures.

Post Construction Maintenance Guidelines can be found in the Post Construction Operation Manual (a separate document).

C6 Maintenance Guidelines for Post Construction Stormwater Quality Measures

Inspect the wet detention basin regularly and particularly after heavy rainfall events. Record all observations and measurements taken. Perform any maintenance and repair erosion promptly. Remove debris and trash after storm events. Check outlet structure regularly for clogging.
Remove sediment when accumulation becomes noticeable (1" to 2" over a wide area) or if resuspension is observed or probable. If an underdrain is used, look for reduced infiltration or ponded water. Permeable backfill layer replacement may be needed.
Maintain a thick and healthy stand of vegetation (usually grass). Mow or trim at regular intervals to encourage thick growth. Remove leaves, grass clippings, or sticks from detention basin regularly to prevent stormwater pollution. Remove trees or nuisance vegetation as necessary to ensure structural integrity of the basin.

Entity responsible for operation and maintenance of the post construction stormwater measures.

Project Site Owner and Contact Information:
Company Name (if applicable): Hagerman
Contact Person: Mike Mholtkamp
Email: mholtkamp@hagermangc.com
Address: 7038 Allisonville Road Suite#
City: Fishers State: IN Zip: 46038 Phone: (317) 627-2138

2

BMP - Stormwater Quality Treatment Unit (AQUA-SWIRL XCELERATOR, XC-5 AND XC-2))

Inspection of SQTU
SQTU should be inspected at regular intervals and maintained when necessary to ensure optimum performance. The rate at which the System collects pollutants will depend more heavily on site activities than the size of the unit, e.g., unstable soils or heavy winter sanding will cause the grit chamber to fill more quickly but regular sweeping will slow accumulation.
Inspection is the key to effective maintenance and is easily performed. Quarterly inspections of the accumulated sediment. Pollutant deposition and transport may vary from year to year and quarterly inspections will help insure that Systems are cleaned out at the appropriate time. Inspections should be performed more often in the winter months in climates where sanding operations may lead to rapid accumulations, or in equipment wash down areas. It is very useful to keep a record of each inspection.
The SQTU system should be cleaned when inspection reveals that the sediment depth has accumulated to the determined elevation or depth. This determination can be made by taking 2 measurements with a stadia rod or similar measuring device.

Cleaning of SQTU Structures
Maintaining the SQTU is easiest when there is no flow entering the Systems. For this reason, it is a good idea to schedule the clean out during dry weather. Clean out of the SQTU with a vacuum truck is generally the most effective and convenient method of excavating pollutants from the System. If such a truck is not available, a "clamshell" grab may be used, but it is difficult to remove all accumulated pollutants with such devices.
Oil or gasoline spills should be cleaned out immediately. Motor oil and other hydrocarbons that accumulate on a more routine basis should be removed when an appreciable layer has been captured. To remove these pollutants, it may be preferable to use adsorbent pads since they are usually cheaper to dispose of than the oil water emulsion that may be created by vacuuming the oily layer. Trash can be netted out if you wish to separate it from the other pollutants.
Accumulated sediment is typically evacuated through the manhole over the grit chamber. Simply remove the cover and insert the vacuum hose into the grit chamber. As water is evacuated, the water level outside of the grit chamber will drop to the same level as the crest of the lower aperture of the grit chamber. It will not drop below this level due to the fact that the bottom and sides of the grit chamber are sealed to the tank floor and walls. This "Water Lock" feature prevents water from migrating into the grit chamber, exposing the bottom of the baffle wall. Floating pollutants will decant into the grit chamber as the water level there is drawn down. This allows most floating material to be withdrawn from the same access point above the grit chamber.
If maintenance is not performed as recommended, sediment may accumulate outside the grit chamber. If this is the case, it may be necessary to pump out all chambers. It is a good idea to check for accumulation in all chambers during each maintenance event to prevent sediment build up there.
Manhole covers should be securely seated following cleaning activities, to ensure that surface runoff does not leak into the unit from above.
After a storm event, treated runoff is decanted out of the SQTU at a controlled rate, restoring the water level to a low dry-weather volume. This reveals a conical pile of accumulated sediment in the center of the grit chamber. Besides facilitating inspection and cleaning through the unobstructed access, the low water level significantly reduces maintenance costs by decreasing pump-out volume.

Note: As the generator, the landowner is ultimately responsible for the proper disposal of material removed from water quality treatment structures.

Quarterly inspections of the SQTU shall include observation of the accumulated sediment. Pollutant deposition and transport may vary from year to year and quarterly inspections will help insure that the systems are cleaned out at the appropriate time. Inspections should be performed more often in the winter months in climates where sanding operations may lead to rapid accumulations, or in equipment wash down areas.

APPROVAL PENDING NOT FOR CONSTRUCTION

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A&F ENGINEERING
Transportation & Site Engineering
Closing Center Since Nov

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings are a graphic representation of the scope of the project in terms of architectural design intended, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for the complete construction and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the contractor shall furnish all labor and materials required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024
2	ADDENDUM #3	06/21/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

DRAWING TITLE:
SWPPP PLAN (INFORMATION)

CERTIFIED BY:
KAREN K. COLLINS REGISTERED No. 10404538 STATE OF INDIANA PROFESSIONAL ENGINEER
Karen Collins

DRAWING NUMBER
C409

PROJECT NUMBER
2023061

Z:\2023\2023-CONTRACT_NEW WESTFIELD MIDDLE SCHOOL WEST\400 SWPPP PLAN (SETS)\Dwg plotted by STEVEN CHOWNE on 6/20/2024 10:30:22 AM last saved by SCHOWNE on 6/19/2024 3:10:05 PM
XREF: C:\Users\schowne\Desktop\Temp\Temp\Temp

EVALUATION FOR CONSTRUCTION PROJECTS

A trained individual shall perform a written evaluation of the project site.

a. By the end of the next business day following each rainfall that exceeds 0.5"
b. A minimum of one (1) time per week

Project Name: _____

Name of Trained Individual: _____ Date of Inspection: _____

Is this Evaluation following a rainfall ____ Yes____ No If yes, date the rain stopped: _____ Inches

No.	PROBLEM or CONCERN	YES	NO	N/A
1.	Is the site information posted at the entrance?			
2.	Are all necessary permits attained and special provisions being implemented?			
3.	Is a construction entrance installed? Is it effective? Is it enough			
4.	Public and private streets are clean?			
5.	Are appropriate practices installed where stormwater leaves the site?			
6.	Silt fence is entrenched into the ground?			
7.	Silt fence is upright? Fabric and stakes meet specifications? Fabric is not to torn? Terminated to higher ground? Property joined at ends?			
8.	Sediment basins and traps are installed according to the plan? The pipe or rock spillway is functional?			
9.	The earthwork for erosion and sediment control practices is properly graded, seeded and/or mulched?			
10.	Diversions swales and/or waterbars are installed to plan and protected?			
11.	Perimeter practices have adequate capacity and do not need to be cleaned out?			
12.	Inlet protection is installed on all functional inlets? (not filter fabric under grate)			
13.	Inlet protection is installed so water does not flow under it?			
14.	The frame, cross-bracing and/or stakes are adequate and meet specifications?			
15.	The fabric, straw, mulch and/or stone is intact without holes or tears?			
16.	Catch basin insert protection is installed where required?			
17.	Sediment has been removed from the practice?			
18.	Swales and ditches have been stabilized or protected?			
19.	Stormwater outlets are adequately stabilized?			
20.	Temporary stabilization of distributed ground has been addressed?			
21.	Disturbed areas that will lie dormant for 15 days are planned to be protected?			
22.	All protected dormant areas meet a minimum 70% coverage			
23.	Growing vegetation has sufficient water and/or nutrients to grow?			
24.	Permanent stabilization of disturbed ground is progressing through the project?			
25.	Final grading and stabilization is progressing on completed areas?			
26.	The soil has been properly prepared for seeding?			
27.	Hard or soft armoring is installed where natural vegetation will erode?			
28.	Water pumping operations have a protected outlet and discharge water is clear?			
29.	A designated washout is established for concrete trucks?			
30.	A dumpster is onsite for trash disposal?			
31.	Fuel tanks and other toxic materials are safely stored and protected?			
32.	Smaller construction sites not required to file a separate NOI are complying with the overall plan?			
33.				
34.				

ALL PROBLEMS OR CONCERNS NEED TO BE ADDRESSED WITH A CORRECTIVE ACTION

Identify the problem by number and/or provide additional explanation as needed.

Developer Representative contacted, name and date: _____ Date: _____

Contractor Representative contacted, name and date: _____ Date: _____

Report Submitted by: _____ Date: _____

DE-WATERING AND PUMPING OPERATIONS

Description and Purpose

De-watering operations are practices that manage the discharge of pollutants when non-stormwater and accumulated precipitation must be removed from a work location so that construction work may be accomplished.

Suitable Applications

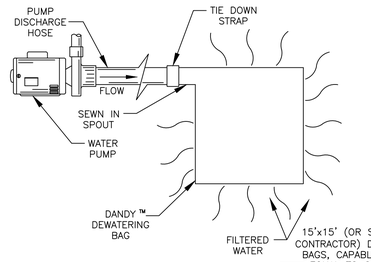
These practices are implemented for discharges of non-storm water from construction sites. Non-stormwaters include, but are not limited to, groundwater, water from cofferdams, water diversions, and waters used during construction activities that must be removed from a work area. Practices identified in this section are also appropriate for implementation when managing the removal of accumulated precipitation(stormwater) from depressed areas at a construction site.

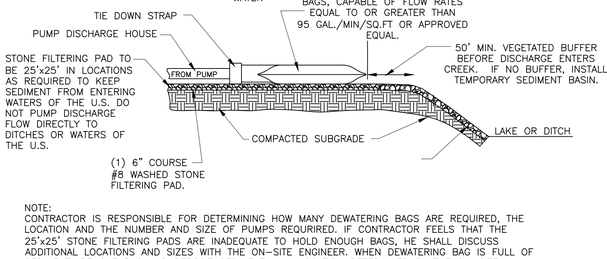
Limitations

Site conditions will dictate design and use of dewatering operations. The controls discussed in this best management practice (BMP) address sediment only. The controls detailed in this BMP only allow for minimal settling time for sediment particles. Use only when site conditions restrict the use of the other control methods. Dewatering operations will require, and must comply with, applicable local permits.

Implementation

De-watering discharges must not cause erosion at the discharge point. A variety of methods can be used to treat water during de-watering operations. This sheet provides options to achieve sediment removal. The size of particles present in the sediment and Permit or receiving water limitations on sediment are key considerations for selecting sediment treatment option(s); in some cases, the use of multiple devices may be appropriate.





NOTE:
CONTRACTOR IS RESPONSIBLE FOR DETERMINING HOW MANY DEWATERING BAGS ARE REQUIRED, THE LOCATION AND THE NUMBER AND SIZE OF PUMPS REQURIRED. IF CONTRACTOR FEELS THAT THE 25'x25' STONE FILTERING PADS ARE INADEQUATE TO HOLD ENOUGH BAGS, HE SHALL DISCUSS ADDITIONAL LOCATIONS AND SIZES WITH THE ON-SITE ENGINEER. WHEN DEWATERING BAG IS FULL OF SEDIMENT, REMOVE BAG AND DEPOSIT SEDIMENT IN A LOCATION DETERMINED BY THE ON-SITE ENGINEER.

DANDY DEWATERING BAG

DE-WATERING PRACTICES DETAIL

NOT TO SCALE

DANDY DEWATERING BAG™
SPECIFICATIONS

NOTE: THE DANDY DEWATERING BAG® WILL BE MANUFACTURED IN THE U.S.A. FROM A NONWOVEN POLYPROPYLENE FABRIC THAT MEETS OR EXCEEDS THE FOLLOWING SPECIFICATIONS:

DANDY DEWATERING BAG™

Mechanical Properties	Test Method	Units	MARV
Grab Tensile Strength	ASTM D 4632	kN (lbs)	0.9 (205) x 0.9 (205)
Grab Tensile Elongation	ASTM D 4632	%	50 x 50
Puncture Strength	ASTM D 4833	kN (lbs)	0.58 (130)
Mullen Burst Strength	ASTM D 3786	kPa (psi)	2618 (380)
Trapezoid Tear Strength	ASTM D 4533	kN (lbs)	0.36 (80) X 0.36 (80)
UV Resistence	ASTM D 4355	%	70
Apparent Opening Size	ASTM D 4751	Mm (US Std Sieve)	0.180 (80)
Flow Rate	ASTM D 4491	l/min/m² (gal/min/ft²)	3866 (95)
Permittivity	ASTM D 4491	Sec⁻¹	1.2

GRAVITY BAG FILTER

Description:
A gravity bag filter, also referred to as a dewatering bag, is a square or rectangular bag made of non-woven geotextile fabric that collects sand, silt, and fines.

Appropriate Applications:
Effective for the removal of sediments (gravel, sand, and silt). Some metals are removed with the sediment.

Implementation:
Water is pumped into one side of the bag and seeps through the bottom and sides of the bag.

A secondary barrier, such as a rock filter bed and/or a straw bale barrier, is placed beneath and beyond the edges of the bag to capture sediments that escape the bag.

Maintenance:
Inspection of the flow conditions, bag condition, bag capacity, and the secondary barrier is required.

Replace the bag when it no longer filters sediment or passes water at a reasonable rate. The bag is disposed of offsite.

APPROVAL PENDING NOT FOR CONSTRUCTION

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A&F ENGINEERING
Transportation & Site Engineering
Crossing Center Since 1994

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the quality of materials and finishes, and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the contractor's responsibilities.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

DRAWING TITLE:
SWPPP PLAN (INFORMATION)

CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
C410

PROJECT NUMBER
2023061

Z:\2023\2023061-CONTEXT, NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\C407 SWPPP PLAN (DETAILS).DWG plotted by STEVEN O'ROURKE on 6/14/2024 4:07:06 PM last saved by NAACK on 6/14/2024 1:36:32 PM

STRUCTURE DATA TABLE

STR. No.	CASTING TYPE	CASTING ELEVATION	PIPE SIZE	INVERT IN	INVERT OUT	PIPE MATERIAL	NORTHING	EASTING	STORM BMP (Y/N)
705	42" Pipe End Section	907.98	42" (W)	904.00 (W)		RCP	1747464.40	176832.96	NO
706	MH 7' DIA;R-1772	914.21	42" (NW) 12" (NE) 24" (SW) 42" (E)	905.04 (NW) 909.00 (NE) 909.80 (SW)	905.04 (E)	RCP RCP RCP RCP	1747536.71	176617.36	NO
707	MH 7' DIA;R-1772	916.23	42" (NW) 12" (NE) 18" (SW) 42" (SE)	905.63 (NW) 910.50 (NE) 912.05 (SW)	905.63 (SE)	RCP RCP RCP RCP	1747639.04	176471.65	NO
708	MH 7' DIA;R-1772	918.71	36" (W) 42" (SE)	910.02 (W)	905.92 (SE)	RCP RCP	1747728.46	176380.86	NO
709	MH 6' DIA.;R-1772	918.78	30" (S) 24" (W) 36" (E)	912.20 (S) 914.47 (W)	911.70 (E)	RCP RCP RCP	1747725.92	175984.00	NO
710	24" Pipe End Section	917.15	24" (E)		914.80 (E)	RCP	1747725.78	175961.76	NO
711	MH 6' DIA.;R-1772	920.66	30" (W) 30" (N)	912.33 (W)	912.33 (N)	RCP RCP	1747675.91	175984.38	NO
712	MH 6' DIA.;R-1772	921.58	12" (S) 12" (N) 30" (W) 30" (E)	915.50 (S) 915.50 (N) 912.56 (W)	912.56 (E)	RCP RCP RCP RCP	1747675.91	175893.95	NO
713	MH 5' DIA.;R-1772	922.84	24" (W) 30" (S) 30" (E)	913.24 (W) 913.05 (S)	912.84 (E)	RCP RCP RCP	1747675.91	175769.38	NO
714	MH 4' DIA.;R-1772	921.94	18" (SW) 24" (E)	913.92 (SW)	913.52 (E)	RCP RCP	1747675.91	175584.58	NO
715	24" Pipe End Section	918.25	18" (NE)		915.90 (NE)	RCP	1747608.42	175475.08	NO
719	MH 5' DIA.;R-1772	921.50	30" (W) 30" (N)	913.73 (W)	913.63 (N)	RCP RCP	1747570.91	175769.37	NO
720	30" Pipe End Section	916.98	30" (E)		914.00 (E)	RCP	1747570.91	175720.14	NO
723	30" Pipe End Section	920.07					1747461.09	175722.19	NO
724	MH 5' DIA.;R-1772	920.36	12" (N) 24" (SE) 24" (NW)	916.50 (N) 915.70 (SE)	915.70 (NW)	RCP RCP RCP	1747450.60	175746.93	NO

STRUCTURE DATA TABLE

STR. No.	CASTING TYPE	CASTING ELEVATION	PIPE SIZE	INVERT IN	INVERT OUT	PIPE MATERIAL	NORTHING	EASTING	STORM BMP (Y/N)
771	MH 5' DIA.;R-3405	920.06	30" (W) 12" (S) 30" (N)	914.60 (W) 915.80 (S)	914.60 (N)	RCP RCP RCP	1747465.06	176248.98	NO
772	MH 5' DIA; R-3455-C	920.18	30" (S) 30" (E)	914.70 (S)	914.70 (E)	RCP RCP	1747465.09	176227.49	NO
773	MH 5' DIA; R-3455-C	920.22	24" (W) 30" (N)	915.30 (W)	914.90 (N)	RCP RCP	1747401.09	176227.49	NO
774	MH 4' DIA; R-3455-C	920.85	15" (S) 24" (W) 12" (N) 24" (E)	916.24 (S) 915.44 (W) 916.24 (N)	915.50 (E)	RCP RCP RCP RCP	1747401.09	176143.49	NO
775	MH 4' DIA; R-3455-C	921.00	24" (W) 12" (N) 24" (E)	915.55 (W) 916.35 (N)	915.55 (E)	RCP RCP RCP	1747401.09	176073.49	NO
776	MH 4' DIA; R-3455-C	920.68	15" (SW) 15" (N) 24" (E)	916.25 (SW) 916.35 (N)	915.65 (E)	RCP RCP RCP	1747401.09	175990.49	NO
777	MH 4' DIA;; R-3010	922.34	15" (W) 15" (NE)	916.50 (W)	916.50 (NE)	RCP RCP	1747324.41	175940.56	NO
778	MH 4' DIA;;R-1772	923.18	15" (S) 10" (E) 15" (E)	3 916.75 (S) 916.75 (E)	916.75 (E)	RCP HDPE RCP	1747293.33	175828.25	NO
779	INLET AM; R-3472	919.80	15" (N)		916.90 (N)	RCP	1747226.83	175828.14	NO
780	INLET AM; R-3405	919.10	12" (S) 12" (N)	915.97 (S)	915.97 (N)	RCP RCP	1747415.29	176260.45	NO
781	INLET M; R-3455-C	920.45	15" (S)		916.70 (S)	RCP	1747465.09	175990.49	NO
782	INLET M; R-3455-C	920.45	12" (S)		916.70 (S)	RCP	1747465.09	176073.49	NO
783	INLET M; R-3455-C	920.35	12" (S)		916.60 (S)	RCP	1747465.09	176143.49	NO
784	INLET J; R-3287-10V	922.05	3 12" (W) 8" (SE) 15" (N)	3 917.70 (W) 916.41 (SE)	917.50 (N)	RCP HDPE RCP	1747327.09	176143.68	NO
785	INLET J; R-3287-10V	922.20	12" (E)		917.95 (E)	RCP	1747327.09	176073.66	NO

STRUCTURE DATA TABLE

STR. No.	CASTING TYPE	CASTING ELEVATION	PIPE SIZE	INVERT IN	INVERT OUT	PIPE MATERIAL	NORTHING	EASTING	STORM BMP (Y/N)
833	MH 4' DIA.;R-1772	922.42	3 12" (W) 10" (N) 15" (E)	3 912.70 (W) 917.90 (N)	917.50 (E)	RCP HDPE RCP	1746991.88	176085.49	NO
834	MH 4' DIA;;R-1772	922.26	3 6" (NW) 12" (E)	3 919.00 (NW)	3 918.50 (E)	HDPE RCP	1746991.88	176035.30	NO
836	INLET J; R-3287-10V	920.60	12" (W) 12" (N)	915.30 (W)	915.30 (N)	RCP RCP	1746832.42	175871.41	NO
837	INLET J; R-3287-10V	920.60	12" (E)		915.50 (E)	RCP	1746832.42	175861.41	NO
839	INLET J; R-3287-10V	920.15	12" (W) 12" (N)	915.00 (W)	915.00 (N)	RCP RCP	1746832.41	175994.41	NO
840	INLET J; R-3287-10V	920.40	12" (E)		915.20 (E)	RCP	1746832.41	175971.41	NO
842	INLET J; R-3287-10V	920.10	12" (W) 12" (N)	916.25 (W)	914.55 (N)	RCP RCP	1746832.39	176104.41	NO
843	INLET J; R-3287-10V	920.10	12" (E)		916.45 (E)	RCP	1746832.39	176094.41	NO
845	INLET J; R-3287-10V	919.80	12" (W) 12" (N)	915.85 (W)	915.75 (N)	RCP RCP	1746832.38	176204.42	NO
846	INLET J; R-3287-10V	919.70	12" (E)		915.95 (E)	RCP	1746832.38	176194.42	NO
847	MH 4' DIA.; R-4342	917.60	12" (N) 12" (S)	913.60 (N)	911.65 (S)	RCP RCP	1747019.90	176286.57	NO
848	INLET F; R-4215-C	917.99	12" (N)		914.50 (N)	RCP	1746713.14	176301.11	NO
850	INLET F; R-4215-C	918.10	12" (S) 12" (N)	910.85 (S)	910.85 (N)	RCP RCP	1746876.88	176557.96	NO
851	INLET AM; R-3405	918.40	12" (SE) 12" (N)	911.95 (SE)	911.85 (N)	RCP RCP	1746758.71	176561.98	NO
852	INLET AM; R-3405	918.90	12" (E) 12" (NW)	912.30 (E)	912.30 (NW)	RCP RCP	1746705.94	176610.97	NO

STRUCTURE DATA TABLE

STR. No.	CASTING TYPE	CASTING ELEVATION	PIPE SIZE	INVERT IN	INVERT OUT	PIPE MATERIAL	NORTHING	EASTING	STORM BMP (Y/N)
725	INLET J; R-3287-10V	920.61	12" (S)		917.11 (S)	RCP	1747510.46	175759.40	NO
726	MH 4' DIA; R-3287-10V	920.76	18" (E) 12" (S) 24" (NW)	916.20 (E) 916.60 (S)	915.80 (NW)	RCP RCP RCP	1747433.05	175788.72	NO
727	INLET M; R-3455-C	921.20	12" (N)		916.81 (N)	RCP	1747381.10	175788.74	NO
728	MH 4' DIA; R-3455-C	921.47	18" (E) 12" (N) 18" (W)	916.65 (E) 917.05 (N)	916.65 (W)	RCP RCP RCP	1747423.22	175860.49	NO
729	INLET M; R-3455-C	920.45	12" (S)		917.20 (S)	RCP	1747465.09	175860.49	NO
731	INLET J; R-3287-10V	922.04	15" (N) 18" (W)	916.98 (N)	916.78 (W)	RCP RCP	1747401.09	175917.97	NO
732	INLET M; R-3455-C	920.55	15" (S)		917.12 (S)	RCP	1747465.09	175920.49	NO
733	INLET AM; R-1878 A6L	923.29	10" (E) 6" (S) 12" (N)	3 918.33 (E) 918.67 (S)	919.16 (N)	HDPE HDPE RCP	1747325.81	175600.25	NO
734	INLET J; R-3287-10V	921.29	12" (S)		916.00 (S)	RCP	1747690.37	175894.05	NO
735	INLET J; R-3287-10V	921.28	12" (E) 12" (N)	915.72 (E)	915.72 (N)	RCP RCP	1747661.37	175894.54	NO
736	INLET J; R-3287-10V	920.19	12" (N) 12" (W)	916.35 (N)	916.25 (W)	RCP RCP	1747661.37	176044.46	NO
737	INLET J; R-3287-10V	920.19	12" (S)		916.45 (S)	RCP	1747690.37	176044.63	NO
738	12" Pipe End Section	918.16		3			1747518.70	175687.47	NO
739	MH 4' DIA;R-1772	920.54	3 18" (W) 12" (S) 18" (E)	915.98 (W) 916.08 (S)	915.98 (E)	RCP RCP RCP	1747518.48	175611.89	NO
740	INLET M; R-3455-C	920.83	18" (S) 18" (E)	916.08 (S)	916.08 (E)	RCP RCP	1747518.70	175592.66	NO

STRUCTURE DATA TABLE

STR. No.	CASTING TYPE	CASTING ELEVATION	PIPE SIZE	INVERT IN	INVERT OUT	PIPE MATERIAL	NORTHING	EASTING	STORM BMP (Y/N)
786	INLET AM; R-3405	919.57	12" (E)		915.57 (E)	RCP	1747511.14	176378.51	NO
787	INLET J; R-3287-10V	913.04	12" (NE) 12" (SW)	909.10 (NE)	909.10 (SW)	RCP RCP	1747555.90	176631.52	NO
788	INLET J; R-3287-10V	913.04	12" (SW)		909.25 (SW)	RCP	1747577.19	176651.21	NO
789	INLET AM; R-3405	919.57	12" (W) 12" (SE)	915.09 (W)	915.09 (SE)	RCP RCP	1747511.14	176481.59	NO
790	42" Pipe End Section	907.44	36" (SW)	904.00 (SW)		RCP	1747345.44	176910.40	NO
791	MH 6' DIA.;R-1772	911.10	36" (SW) 36" (NE)	904.10 (SW)	904.10 (NE)	RCP RCP	1747318.82	176874.78	NO
792	INLET AM; R-3405	919.58	12" (S) 12" (N)	916.11 (S)	916.11 (N)	RCP RCP	1747375.71	176249.63	NO
793	MH 6' DIA.;R-1772	911.22	36" (SW) 36" (NE)	904.30 (SW)	904.30 (NE)	RCP RCP	1747307.21	176859.30	NO
794	MH 6' DIA.;R-1772	910.99	36" (SW) 15" (NW) 36" (NE)	904.40 (SW) 906.80 (NW)	904.40 (NE)	RCP RCP RCP	1747287.61	176834.19	NO
795	MH 5' DIA.; R-4342	909.67	36" (SW) 36" (NE)	904.56 (SW)	904.56 (NE)	RCP RCP	1747266.18	176806.74	NO
796	MH 5' DIA.; R-4342	916.40	36" (W) 36" (NE)	905.55 (SW)	905.55 (NE)	RCP RCP	1747090.37	176611.91	NO
797	MH 5' DIA.; R-4342	918.00	36" (W) 12" (S) 36" (SE)	906.98 (W) 909.38 (S)	906.88 (NE)	RCP RCP RCP	1747008.26	176537.50	NO
798	MH 5' DIA.; R-4342	917.45	30" (W) 12" (S) 12" (N) 36" (E)	908.28 (W) 911.74 (S) 910.00 (N)	907.78 (E)	RCP RCP RCP RCP	1746907.70	176291.98	NO
799	Manhole, 4' Dia; R-1772	919.98	12" (NW) 24" (NE)	913.42 (NW)	911.92 (NE)	RCP RCP	1747483.03	176532.32	NO
800	INLET AM; R-3405	919.58	12" (N)		916.32 (N)	RCP	1747310.71	176249.63	NO

STRUCTURE DATA TABLE

STR. No.	CASTING TYPE	CASTING ELEVATION	PIPE SIZE	INVERT IN	INVERT OUT	PIPE MATERIAL	NORTHING	EASTING	STORM BMP (Y/N)
853	INLET AM; R-3405	918.95	12" (W)		912.74 (W)	RCP	1746705.43	176671.53	NO
854	INLET AM; R-3405	918.42	12" (S) 12" (N)	911.32 (S)	911.32 (N)	RCP RCP	1746821.71	176561.10	NO
855	INLET F; R-4215-C	909.20	15" (SE)		905.70 (SE)	RCP	1747158.23	176927.68	NO
856	INLET AM; R-3405	919.58	12" (N) 12" (S)	915.82 (N)	915.82 (S)	RCP RCP	1747180.70	176249.63	NO
857	MH 4' DIA.;R-1772	911.11	15" (SW) 12" (NE) 15" (SE)	906.90 (SW) 907.10 (NE)	906.90 (SE)	RCP RCP RCP	1747301.14	176824.49	NO
858	INLET J; R-3287-10V	910.82	12" (SW)		907.20 (SW)	RCP	1747309.92	176836.36	NO
859	INLET J; R-3287-10V	910.82	12" (NW) 15" (NE)	907.20 (NW)	907.00 (NE)	RCP RCP	1747292.53	176812.85	NO
860	INLET J; R-3287-10V	911.97	12" (NE) 12" (SE)	908.10 (NE)	908.00 (SE)	RCP RCP	1747435.75	176721.01	NO
861	INLET J; R-3287-10V	911.97	12" (SW)		908.25 (SW)	RCP	1747451.80	176746.35	NO
862	18" Pipe End Section	905.81	18" (S)	904.00 (S)		RCP	1747243.57	177041.35	NO
863	MH 5' DIA;R-1772	910.52	18" (S) 18" (N)	904.10 (S)	904.10 (N)	RCP RCP	1747200.86	177025.33	NO
864	INLET AM; R-3405	919.58	12" (S)		916.08 (S)	RCP	1747245.70	176249.63	NO
865	MH 5' DIA.;R-1772	910.55	18" (S) 18" (N)	904.30 (S)	904.30 (N)	RCP RCP	1747182.79	177018.40	NO
866	MH 5' DIA.;R-1772	910.49	15" (SE) 12" (W) 15" (S) 18" (N)	904.99 (SE) 905.00 (W) 904.60 (S)	904.40 (N)	RCP RCP RCP RCP	1747175.35	177015.91	NO
867	INLET J; R-3287-10V	909.88	12" (SW) 12" (E)	905.30 (SW)	905.20 (E)	RCP RCP	1747193.07	176965.70	NO

STRUCTURE DATA TABLE

STR. No.	CASTING TYPE	CASTING ELEVATION	PIPE SIZE	INVERT IN	INVERT OUT	PIPE MATERIAL	NORTHING	EASTING	STORM BMP (Y/N)
741	INLET M; R-3455-C	921.17	18" (W) 18" (N)	916.28 (W)	916.28 (N)	RCP RCP	1747482.52	175592.66	NO
742	15" Pipe End Section	918.44					1747603.02	175655.00	NO
743	INLET J; R-3287-10V	921.94	15" (N) 12" (W) 15" (S)	917.09 (N) 917.09 (W)	917.09 (S)	RCP RCP RCP	1747660.87	175633.91	NO
744	INLET J; R-3287-10V	921.94	12" (W) 15" (S)	917.19 (W)	917.19 (S)	RCP RCP	1747690.87	175633.91	NO
745	INLET J; R-3287-10V	921.27	12" (S) 12" (E)	917.56 (S)	917.56 (E)	RCP RCP	1747690.77	175512.40	NO
746	INLET J; R-3287-10V	921.27	12" (N)		917.66 (N)	RCP	1747660.87	175512.45	NO
747	INLET J; R-3287-10V	922.49	12" (E)		917.67 (E)	RCP	1747630.87	175548.58	NO
748	18" Pipe End Section	919.31					1747529.05	175343.74	NO
749	MH 5' DIA.;R-1772	921.20	18" (S) 18" (NW) 18" (NE)	917.60 (S) 917.60 (NW)	917.60 (NE)	RCP RCP RCP	1747517.15	175324.04	NO
750	INLET M; R-3010	921.82	15" (N) 18" (SE)	917.84 (N)	917.78 (SE)	RCP RCP	1747604.88	175276.54	NO
751	INLET M; R-3010	921.94	15" (NW) 15" (S)	917.94 (NW)	917.94 (S)	RCP RCP	1747640.88	175276.54	NO
752	INLET F; R-4215-C	921.10	15" (SE)		918.07 (SE)	RCP	1747681.87	175239.36	NO
753	INLET F; R-4215-C	921.20	15" (S) 18" (N)	917.90 (S)	917.70 (N)	RCP RCP	1747474.74	175324.04	NO
754	INLET F; R-4215-C	921.50	15" (W) 15" (SE) 15" (N)	918.20 (W) 918.30 (SE)	918.20 (N)	RCP RCP RCP	1747339.50	175324.04	NO
755	INLET F; R-4215-C	920.37	15" (E)		918.40 (E)	RCP	1747339.75	175236.14	NO

STRUCTURE DATA TABLE

STR. No.	CASTING TYPE	CASTING ELEVATION	PIPE SIZE	INVERT IN	INVERT OUT	PIPE MATERIAL	NORTHING	EASTING	STORM BMP (Y/N)
801	INLET J; R-3287-10V	919.69	30" (W) 15" (N) 12" (S) 30" (E)	908.85 (W) 914.00 (N) 914.79 (S)	908.73 (E)	RCP RCP RCP RCP	1746896.38	176204.42	NO
802	MH 5' DIA; R-3287-10V	919.70	30" (W) 30" (E)	909.05 (W)	908.95 (E)	RCP RCP	1746896.38	176194.42	NO
803	MH 5' DIA; R-3287-10V	920.10	30" (W) 12" (S) 30" (E)	909.45 (W) 912.95 (S)	909.35 (E)	RCP RCP RCP	1746896.39	176104.42	NO
804	MH 5' DIA; R-3287-10V	920.10	30" (W) 30" (E)	909.65 (W)	909.55 (E)	RCP RCP	1746896.39	176094.42	NO
805	MH 5' DIA; R-3287-10V	920.15	30" (W) 12" (S) 30" (E)	910.10 (W) 913.50 (S)	910.00 (E)	RCP RCP	1746896.41	175994.42	NO
806	MH 5' DIA; R-3287-10V	920.26	24" (W) 15" (NW) 30" (E)	910.65 (W) 916.40 (NW)	910.15 (E)	RCP RCP RCP	1746896.41	175971.42	NO
807	INLET J; R-3287-10V	920.26	24" (W) 12" (S) 24" (E)	911.10 (W) 914.00 (S)	911.00 (E)	RCP RCP RCP	1746896.42	175871.42	NO
808	INLET J; R-3287-10V	920.26	24" (W) 24" (E)	911.40 (W)	911.30 (E)	RCP RCP	1746896.42	175861.42	NO
809	MH 4' DIA.; R-4342	920.87	24" (S) 12" (N) 24" (E)	911.70 (S) 915.68 (N)	911.60 (E)	RCP RCP RCP	1746896.43	175798.99	NO
810	MH 4' DIA;;R-1772	922.22	12" (S) 24" (W) 24" (E)	917.60 (S) 912.80 (W)	911.87 (N)	RCP RCP RCP	1746825.20	175798.99	NO
811	MH 4' DIA;;R-1772	922.83	24" (W) 8" (NW) 24" (E)	3 913.05 (W) 914.23 (NW)	912.95 (E)	RCP HDPE RCP	1746824.72	175739.18	NO
812	MH 4' DIA;;R-1772	921.25	24" (NW) 12" (N) 24" (E)	913.90 (NW) 916.50 (N)	913.50 (E)	RCP RCP RCP	1746822.83	175498.41	NO
813	MH 4' DIA.;R-1772	920.29	24" (NW) 15" (NE) 15" (SW) 24" (SE)	914.50 (NW) 914.95 (NE) 915.00 (SW)	914.20 (SE)	RCP RCP RCP RCP	1746957.56	175420.61	NO
814	MH 4' DIA.; R-3010	922.29	12" (N) 18" (W) 24" (SE)	917.70 (NE) 915.50 (W)	915.00 (SE)	RCP RCP RCP	1747083.97	175356.09	NO
815	INLET J; R-3287-10V	921.56	12" (N) 18" (E)	916.35 (N)	915.85 (E)	RCP RCP	1747099.98	175272.15	NO

STRUCTURE DATA TABLE

STR. No.	CASTING TYPE	CASTING ELEVATION	PIPE SIZE	INVERT IN	INVERT OUT	PIPE MATERIAL	NORTHING	EASTING	STORM BMP (Y/N)
868	INLET J; R-3287-10V	909.87	12" (NE)		906.00 (NE)	RCP	1747167.26	176951.41	NO
870	MH 4' DIA.; R-4342	910.00	15" (S) 15" (S) 15" (NW) 15" (N)	905.41 (S) 904.85 (S) 904.85 (NW)	904.85 (N)	RCP RCP RCP RCP	1747123.14	176999.42	NO
871	INLET F; R-4215-C	910.22	15" (N)		906.50 (N)	RCP	1746659.30	176986.30	NO
872	INLET F; R-4215-C	913.03	15" (S) 15" (N)	905.41 (S)	905.31 (N)	RCP RCP	1746962.83	176994.89	NO
873	INLET J; R-3287-10V	910.25	15" (E) 12" (S) 15" (NW)	905.10 (E) 905.95 (S)	905.10 (NW)	RCP RCP RCP	1747157.31	177057.27	NO
874	INLET J; R-3287-10V	910.46	12" (E) 12" (S) 15" (W)	905.75 (E) 906.01 (S)	905.75 (W)	RCP RCP RCP	1747145.39	177237.40	NO
875	INLET J; R-3287-10V	909.91	12" (S) 12" (W)	906.20 (S)	906.20 (W)	RCP RCP	1747145.03	177357.91	NO
876	INLET J; R-3287-10V	909.91	12" (N)		906.30 (N)	RCP	1747116.03	177357.91	NO
878	INLET J; R-3287-10V	910.47	12" (N)		906.75 (N)	RCP	1747115.95	177237.29	NO
880	INLET J; R-3287-10V	910.24	12" (N)		906.25 (N)	RCP	1747128.25	177049.79	NO
905	MH 4' DIA.; R-4342	909.00	24" (E)		904.45 (E)	RCP	1747095.51	177306.09	NO
906	MH 4' DIA.; R-4342	909.10	24" (W) 24" (N)	904.25 (W)	904.25 (N)	RCP RCP	1747095.58	177407.63	NO
907	24" Pipe End Section	903.54	24" (S)	904.00 (S)		RCP	1747221.89	177407.51	NO

STRUCTURE DATA TABLE

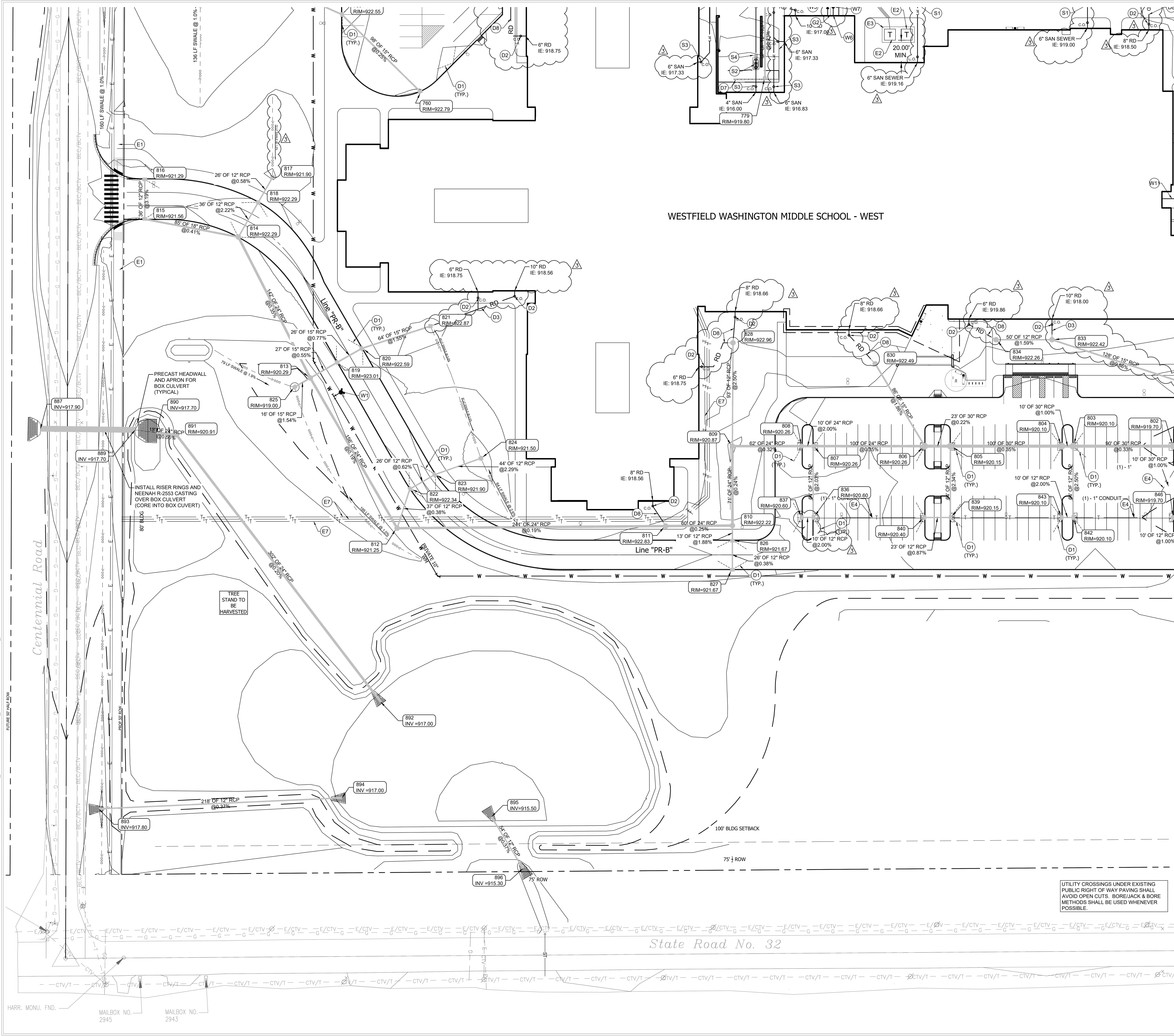
STR. No.	CASTING TYPE	CASTING ELEVATION	PIPE SIZE	INVERT IN	INVERT OUT	PIPE MATERIAL	NORTHING	EASTING	STORM BMP (Y/N)
756	12" Pipe End Section	912.76	15" (N)	913.60 (N)		RCP	1747626.58	176378.98	NO
757	INLET J; R-3287-10V	921.21	15" (N) 18" (E)	917.25 (N)	917.05 (E)	RCP RCP	1747474.74	175448.82	NO
758	INLET J; R-3287-10V	921.75	15" (S)		917.40 (S)	RCP	1747516.24	175448.82	NO
759	INLET J; R-3287-10V	922.55	15" (SE) 15" (NW)	918.51 (SE)	918.51 (NW)	RCP RCP	1747283.54	175448.82	NO
760	INLET J; R-3287-10V	922.79	15" (NW)		918.76 (NW)	RCP	1747214.62	175518.91	NO
761	18" Pipe End Section	914.31	18" (NE)		912.50 (NE)	RCP	1747622.95	176455.80	NO
762	INLET J; R-3287-10V	917.73	15" (W) 15" (S)	913.85 (W)	913.85 (S)	RCP RCP	1747690.16	176379.70	NO
763	INLET J; R-3287-10V	919.48	15" (S) 15" (E)	915.40 (S)	915.40 (E)	RCP RCP	1747690.37	176294.50	NO
764	INLET J; R-3287-10V	919.48	15" (N)		915.65 (N)	RCP	1747661.37	176294.50	NO
765	INLET J; R-3287-10V	917.73	15" (N) 15" (S)	913.75 (N)	913.75 (S)	RCP RCP	1747661.18	176378.82	NO
766	24" Pipe End Section	916.75					1747613.93	176270.59	NO
767	MH 4' DIA.;R-1772	915.94	12" (SE) 12" (SW)	910.70 (SE)	910.70 (SW)	RCP RCP	1747676.40	176497.59	NO
768	INLET J; R-3287-10V	915.07	12" (S) 12" (NW)	910.90 (S)	910.80 (NW)	RCP RCP	1747664.51	176510.72	NO
769	INLET J; R-3287-10V	915.08	12" (N)		911.00 (N)	RCP	1747637.46	176500.27	NO
770	MH 5' DIA.;R-1772	920.36	30" (S) 30" (NE)	914.50 (S)	914.50 (NE)	RCP RCP	1747589.42	176248.48	NO

STRUCTURE DATA TABLE

STR. No.	CASTING TYPE	CASTING ELEVATION	PIPE SIZE	INVERT IN	INVERT OUT	PIPE MATERIAL	NORTHING	EASTING	STORM BMP (Y/N)
816	INLET J; R-3287-10V	921.29	12" (S)		917.50 (S)	RCP	1747135.98	175272.15	NO
817	INLET F; R-4215-C	921.90	12" (SW)		918.65 (SW)	RCP	1747137.52	175386.74	NO
818	INLET J; R-3287-10V	922.29	12" (NE) 12" (SW)	918.50 (NE)	918.50 (SW)	RCP RCP	1747115.21	175373.98	NO
819	INLET J; R-3287-10V	923.01	15" (NE) 15" (SW)	916.50 (NE)	915.10 (SW)	RCP RCP	1746971.35	175444.34	NO
820	INLET J; R-3287-10V	922.59	15" (E) 15" (SW)		917.00 (E)	916.70 (SW)	RCP RCP	1746984.16	175466.97	NO
821	INLET F; R-4215-C	922.87	4 10" (E) 15" (W)	918.41 (E)	918.00 (W)	HDPE RCP	1747004.05	175528.29	NO
822	INLET J; R-3287-10V	922.34	12" (NE) 12" (S)	916.74 (NE)	916.64 (S)	RCP RCP	1746857.95	175509.81	NO
823	INLET J; R-3287-10V	921.90	12" (E) 12" (SW)	917.00 (E)	916.90 (SW)	RCP RCP	1746870.93	175532.34	NO
824	INLET F; R-4215-C	921.50	12" (W)		918.00 (W)	RCP	1746885.50	175573.51	NO
825	INLET F; R-4215-C	919.00	15" (NE)		915.25 (NE)	RCP	1746949.46	175406.59	NO
826	INLET J; R-3287-10V	921.67	12" (S) 12" (N)	917.85 (S)	917.85 (N)	RCP RCP	1746811.88	175798.98	NO
827	INLET M; R-3010	921.67	12" (N)	4	917.95 (N)	RCP	1746785.88	175798.97	NO
828	MH 4' DIA.; R-2535	922.36	4 8" (N) 6" (W) 12" (S)	4 918.30 (N) 915.50 (W)	918.00 (S)	HDPE HDPE RCP	1746989.11	175799.50	NO
830	MH 4' DIA.; R-2535	922.49	4 8" (NW) 15" (SE)	4 918.50 (NW)	4 918.00 (SE)	HDPE RCP	1746970.25	175927.01	NO
832	MH 4' DIA;;R-1772	920.79	15" (W) 15" (S)	916.40 (W)	915.40 (S)	RCP RCP	1746951.88	176207.49	NO

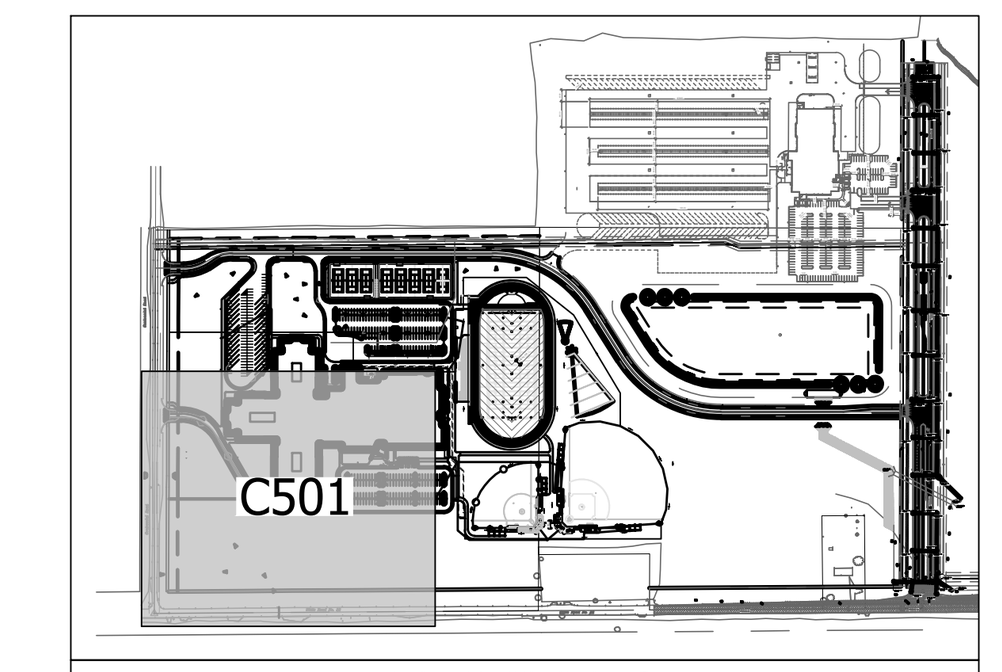
STRUCTURE DATA TABLE

STR. No.	CASTING TYPE	CASTING ELEVATION	PIPE SIZE	INVERT IN	INVERT OUT	PIPE MATERIAL	NORTHING	EASTING	STORM BMP (Y/N)
878	36" Pipe End Section	908.82	72" (S)		905.20 (S)	Reinforced Concrete Pipe	1747152.39	177498.42	NO
879	36" Pipe End Section	908.72	72" (N)	905.10 (N)		Reinforced Concrete Pipe	1747090.39	177498.42	NO
880	36" Pipe End Section	908.82	72" (S)		905.20 (S)	Reinforced Concrete Pipe	1747152.39	177511.42	NO
881	36" Pipe End Section	908.72	72" (N)	905.10 (N)		Reinforced Concrete Pipe	1747090.39	177511.42	NO



UTILITY CROSSINGS UNDER EXISTING PUBLIC RIGHT OF WAY PAVING SHALL AVOID OPEN CUTS. BORE/JACK & BORE METHODS SHALL BE USED WHENEVER POSSIBLE.

0 40' 80'
SCALE: 1" = 40'



KEYMAP

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1. REFER TO MECHANICAL, ELECTRICAL AND PLUMBING PLANS FOR CONTINUATION OF UTILITIES WITHIN 5 FEET OF STRUCTURES.
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- D1 15 LF 6" SSD @ 1% MIN SLOPE
- D2 CLEANOUT
- D3 10" ROOF DRAIN @ 0.4% MIN SLOPE
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- D6 12" DUAL WALL PERFORATED HDPE.
- D7 TRENCH DRAIN. (SEE DETAIL ON C901)
- D8 ROOF DRAIN @ 1% MIN SLOPE SIZE AS INDICATED

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- E1 (2) 4" SCHEDULE 40 PVC CONDUITS FOR PRIMARY ELECTRIC SERVICE UNDER PAVEMENT. COORDINATE WITH DUKE
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- G1 GAS SERVICE LINE. COORDINATE WITH LOCAL UTILITY PROVIDER. (SEE MEP PLANS)
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- SEE SITE UTILITY PLAN BY OTHERS

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- S1 6" PVC SANITARY LATERAL @ 1.04% MIN. SLOPE.
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- W1 FIRE HYDRANT
- W2 FIRE DEPARTMENT CONNECTION W/ 4" SERVICE LINE (COORDINATE WITH MEP PLANS)
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Know what's below. Call before you dig.

APPROVAL PENDING NOT FOR CONSTRUCTION

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317.848.7800 | csoinc.net

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A&F ENGINEERING
Transportation & Site Engineering
Creating Order Since 1966

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024
2	ADDENDUM #3	06/21/2024
3	ADDENDUM #4	06/26/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

DRAWING TITLE:
UTILITY PLAN

CERTIFIED BY:
KAREN K. COLLINS REGISTERED No. 10404538 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWING NUMBER
C501

PROJECT NUMBER
2023061

Z:\2023\23093L-CONTEXT, NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\C501 UTILITY PLAN.DWG plotted by STEVEN O'ROURKE on 6/26/2024 4:32:11 PM last saved by SOROURKE on 6/26/2024 4:24:59 PM
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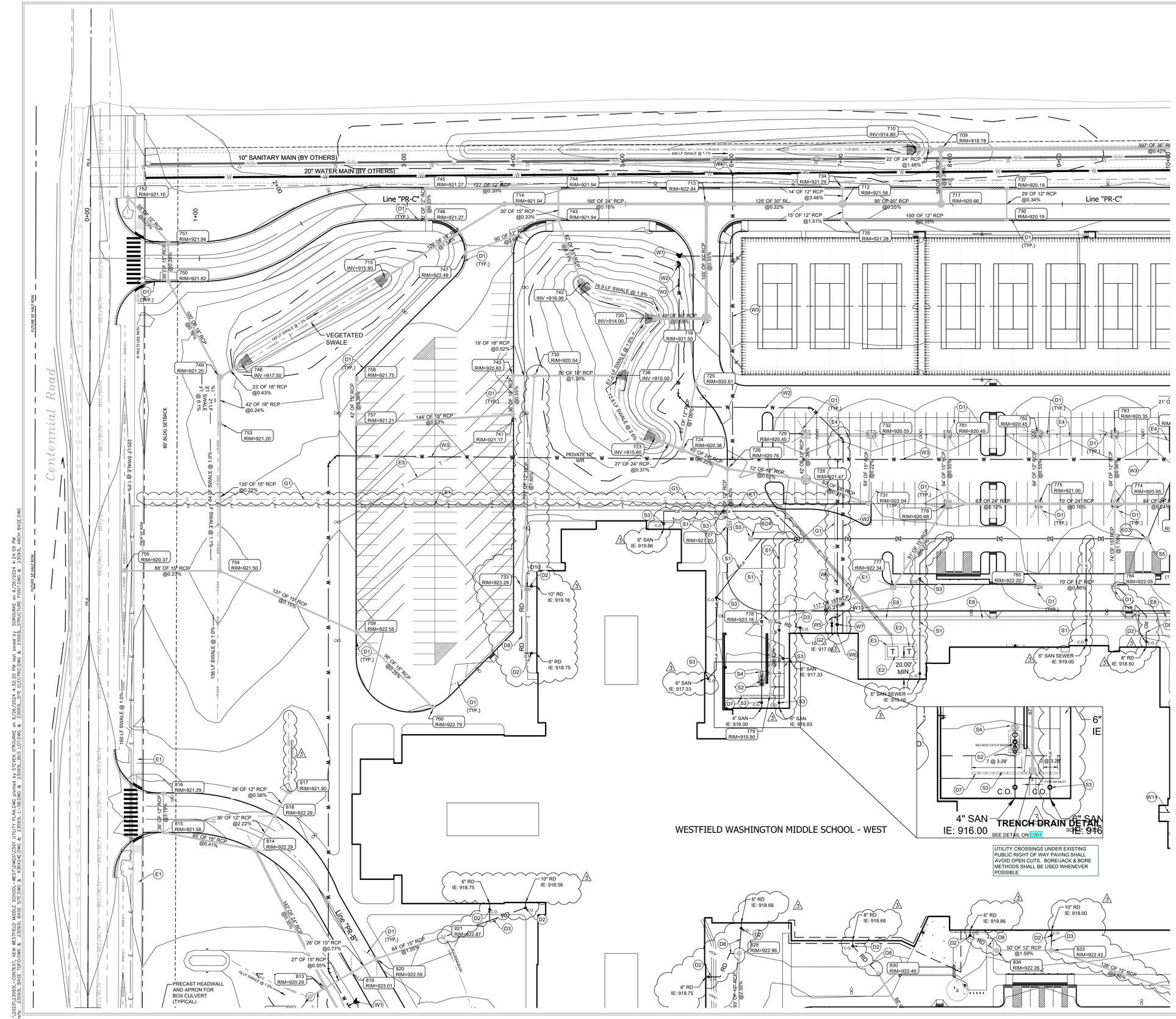

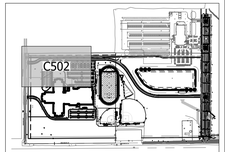

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A&F ENGINEERING
Transportation & Site Engineering
Carmel | Fort Wayne

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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3	ADDENDUM #4	06/26/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

DRAWING TITLE:
UTILITY PLAN

CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER
Karen Collins

DRAWING NUMBER
C502

PROJECT NUMBER
2023061

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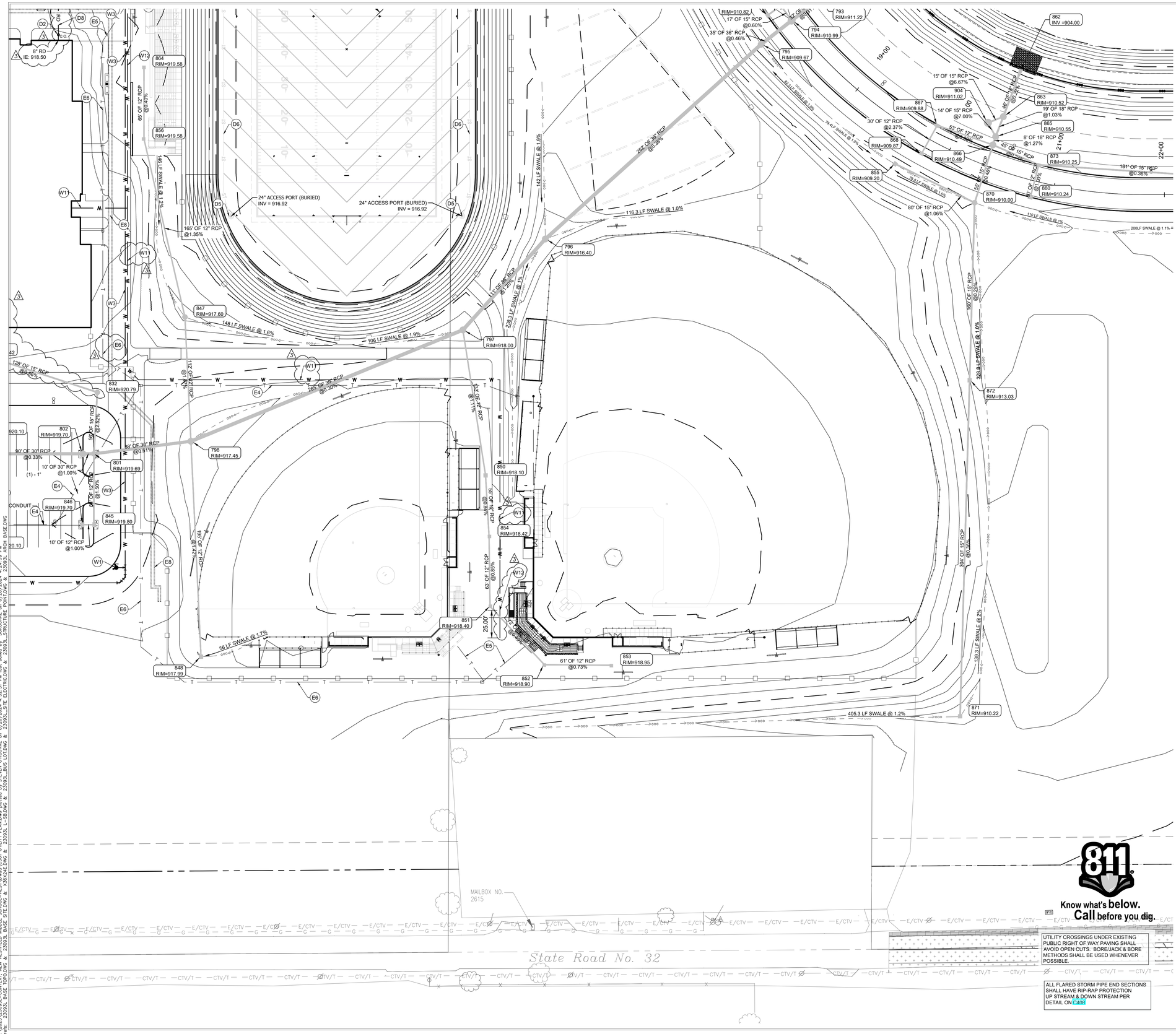

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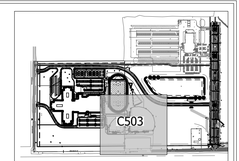

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12. ADJUSTMENTS OF CASTINGS WHERE THE TOTAL HEIGHT OF ADJUSTING RINGS WOULD EXCEED 12 INCHES SHALL BE MADE BY REPLACING THE CONE AND/OR BARREL SECTION OF THE STRUCTURE.
13. PAVEMENTS, WALKS, CURBS AND OTHER SURFACE IMPROVEMENTS REQUIRING REMOVAL FOR INSTALLATION OF UNDERGROUND UTILITIES SHALL BE RESTORED TO THEIR PRESENT CONDITION UNLESS OTHERWISE SHOWN.
14. ALL INLET CASTINGS LOCATED WITHIN ASPHALT PAVEMENT AREAS SHALL INCLUDE A CONCRETE PAVED COLLAR EXTENDING A MINIMUM OF 24 INCHES IN ALL DIRECTIONS FROM THE EDGE OF THE CASTING PER THE DETAILS.
15. THE CONTRACTOR SHALL MAINTAIN ALL FLOWS AND UTILITY CONNECTIONS TO EXISTING BUILDINGS, ETC. WITHOUT INTERRUPTION UNLESS/UNTIL AUTHORIZED TO DISCONNECT BY THE OWNER, UTILITY COMPANIES, AND GOVERNING AUTHORITIES. THE CONTRACTOR SHALL INSTALL AS NECESSARY, TEMPORARY SITE LIGHTING, GAS, SANITARY, WATER, STORM, ELECTRIC, TELEPHONE, AND CABLE SERVICES TO SERVICE BUILDING(S) TO REMAIN OPEN.
16. CONTRACTOR TO PROVIDE SLEEVES UNDER FOOTINGS OR THROUGH FOUNDATIONS FOR UTILITY CONNECTIONS.
17. CONTRACTOR SHALL PROVIDE ALL BENDS, FITTINGS, ADAPTERS, ETC. AS REQUIRED FOR PIPE CONNECTIONS TO BUILDING/CANOPY STUB OUTS. INCLUDING ROOF/FOOTING DRAIN CONNECTIONS TO ROOF LEADERS AND TO STORM DRAINAGE SYSTEM.
18. CONTRACTOR TO PROVIDE AND INSTALL CONDUIT FOR SITE LIGHTING PER SITE LIGHTING PLAN (BY OTHERS).
19. CONTRACTOR TO PROVIDE AND INSTALL CONDUIT FOR IRRIGATION PER IRRIGATION PLAN (BY OTHERS).
20. CONTRACTOR WILL BE RESPONSIBLE TO REPAIR, REPLACE, AND/OR RECONNECT ANY EXISTING DRAINAGE TILES NOT SHOWN ON THE PLANS, WHICH CROSS THROUGH EXCAVATED TRENCHES. ANY DRAINAGE TILE ENCOUNTERED IS TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND A MEASUREMENT TAKEN FROM THE NEAREST MANHOLE OR INLET STRUCTURE TO THE CENTERLINE OF THE TILE.
21. MR. MANHOLE (CONCRETE COLLAR) SHALL BE ADDED TO ALL EXISTING VALVES, MANHOLES AND INLETS IN PAVEMENT.

UTILITY KEY NOTE LEGEND

D - DRAINAGE / STORM SEWER

- (D1) 15 LF 6" SSD @ 1% MIN SLOPE
- (D2) CLEANOUT
- (D3) 10" ROOF DRAIN @ 0.4% MIN SLOPE
- (D4) PRECAST WINGWALLS, APRON, AND FOUNDATION SYSTEM TO BE DELEGATED DESIGN BY MANUFACTURER.
- (D5) MANHOLE BURIED UNDER FUTURE SYNTHETIC TURF.
- (D6) 12" DUAL WALL PERFORATED HDPE.
- (D7) TRENCH DRAIN. (SEE DETAIL ON C901)
- (D8) ROOF DRAIN @ 1% MIN SLOPE SIZE AS INDICATED

E - ELECTRIC, TELECOM & GEOTHERMAL

- (E1) (2) 4" SCHEDULE 40 PVC CONDUITS FOR PRIMARY ELECTRIC SERVICE UNDER PAVEMENT. COORDINATE WITH DUKE
- (E2) TRANSFORMER (1500 KW)
- (E3) TRANSFORMER PAD PER UTILITY OWNER SPECIFICATIONS. (SEE SITE ELECTRIC PLANS)
- (E4) 1" TELECOM CONDUIT LINE (SEE DESIGN 27 PLANS)
- (E5) 2" TELECOM CONDUIT LINE (SEE DESIGN 27 PLANS)
- (E6) (2) 3" TELECOM CONDUIT LINE (SEE DESIGN 27 PLANS)
- (E7) (3) 4" TELECOM CONDUIT LINE WITH (2) HANDHOLE BY BUILDING & ROAD (SEE DESIGN 27 PLANS)
- (E8) (2) 10" GEOTHERMAL LINES (SEE REDIMOND PLANS)

G - GAS

- (G1) GAS SERVICE LINE. COORDINATE WITH LOCAL UTILITY PROVIDER. (SEE MEP PLANS)
- (G2) GAS METER (SEE MEP PLANS)

SEE SITE UTILITY PLAN BY OTHERS

S - SANITARY SEWER

- (S1) 6" PVC SANITARY LATERAL @ 1.04% MIN. SLOPE.
- (S2) GREASE INTERCEPTOR
- (S3) CLEANOUT
- (S4) SAMPLE STRUCTURE
- (S5) SANITARY MANHOLE

W - WATER / FIRE PROTECTION

- (W1) FIRE HYDRANT
- (W2) FIRE DEPARTMENT CONNECTION W/ 4" SERVICE LINE (COORDINATE WITH MEP PLANS)
- (W3) 8-INCH WATER MAIN (C900 PVC)
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- (W5) 4-INCH DOMESTIC SERVICE CONNECTION (COORDINATE FINAL SIZING WITH MEP PLANS)
- (W6) 8-INCH FIRE SERVICE LINE
- (W7) POST INDICATOR VALVE
- (W8) OMIT
- (W9) OMIT
- (W10) 8"X4" TEE
- (W11) 2" WATER SERVICE TYPE K COPPER
- (W12) 2" WATER SERVICE TYPE K COPPER PLUG END FOR FUTURE CONNECTION TO STORAGE SHED

APPROVAL PENDING NOT FOR CONSTRUCTION

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A&F ENGINEERING
Transportation & Site Engineering
Carmel | Fort Wayne | Indianapolis

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of construction and finishes. They describe all the building, the major architectural elements and the type of structural, mechanical and electrical systems. The Contract Documents are intended to describe all work required for full performance and completion of the requirements of the Contract. Any work within the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024
2	ADDENDUM #3	06/21/2024
3	ADDENDUM #4	06/26/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

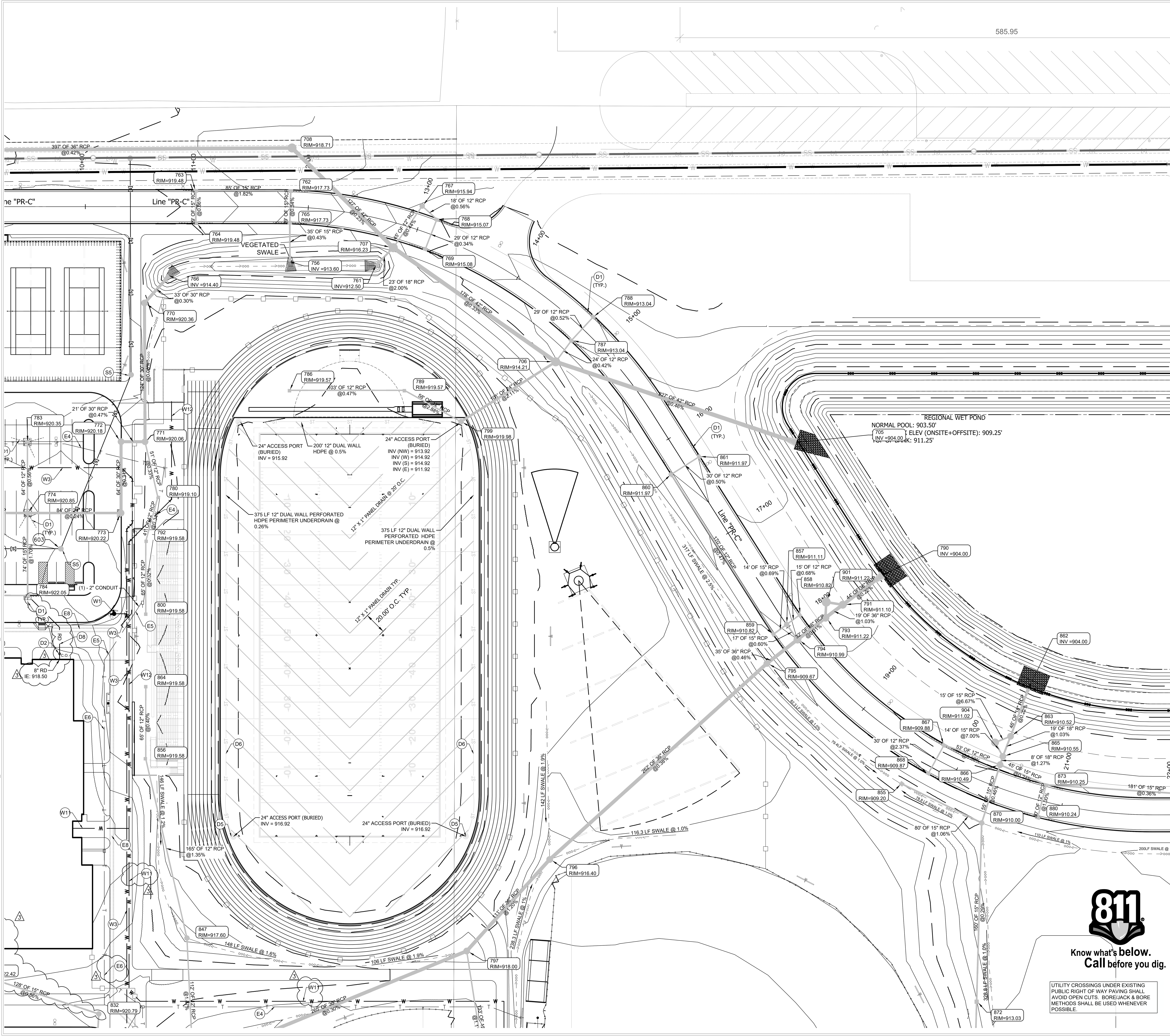
DRAWING TITLE:
UTILITY PLAN

CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
C503

PROJECT NUMBER
2023061

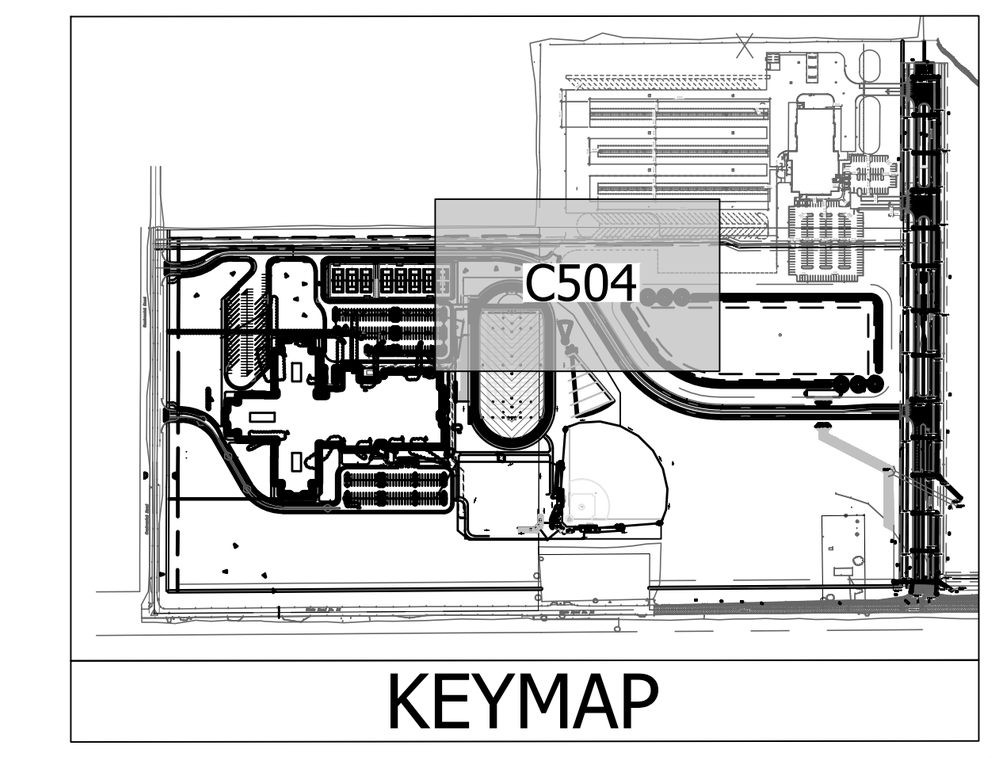
Z:\2023\2309JL-CONTEXT_NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\C501 UTILITY PLAN.DWG plotted by STEVEN O'ROURKE on 6/26/2024 4:32:31 PM last saved by SOROURKE on 6/26/2024 4:24:59 PM
Xrefs: 2309JL BASE TOPO.DWG & 2309JL BASE SITE.DWG & X06X24E.DWG & 2309JL L-SB.DWG & 2309JL_BUS LOT.DWG & 2309JL_SITE ELECTRIC.DWG & 2309JL_STRUCTURE POINT.DWG & 2309JL ARCH BASE.DWG



UTILITY CROSSINGS UNDER EXISTING PUBLIC RIGHT OF WAY PAVING SHALL AVOID OPEN CUTS. BORE/JACK & BORE METHODS SHALL BE USED WHENEVER POSSIBLE.

Know what's **below.** **Call** before you dig.

SCALE: 1" = 40'



KEYMAP

UTILITY NOTES

1. REFER TO MECHANICAL, ELECTRICAL AND PLUMBING PLANS FOR CONTINUATION OF UTILITIES WITHIN 5 FEET OF STRUCTURES.
2. PRESSURE UTILITY MAINS AND SERVICE LINES MAY NEED TO BE INSTALLED AT A DEPTH GREATER THAN THAT SPECIFIED OR SHOWN ON THE DRAWINGS TO CLEAR EXISTING AND PROPOSED CROSSING UTILITIES. IN SUCH CASES, THE CONTRACTOR SHALL INSTALL VERTICAL BENDS AS REQUIRED TO ACHIEVE APPROPRIATE CLEARANCE BETWEEN THE CROSSING UTILITIES.
3. A MINIMUM HORIZONTAL SEPARATION OF 10 FEET BETWEEN WATER LINES AND SEWERS SHALL BE MAINTAINED AT ALL TIMES. A MINIMUM VERTICAL SEPARATION OF 18 INCHES BETWEEN WATER LINES AND SEWERS SHALL BE MAINTAINED AT CROSSINGS. IN THE EVENT THAT MINIMUM SEPARATION REQUIREMENTS CANNOT BE MET, THE CONTRACTOR SHALL UTILIZE PRESSURE-TYPE WATER PIPE FOR THE SEWER PER DETAIL SA-9.
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APPROVAL PENDING NOT FOR CONSTRUCTION

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Brett Hite
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8831 Keystone Crossing, Indianapolis, IN 46240
317.848.7800 | csoinc.net
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A&F ENGINEERING
Transportation & Site Engineering
Creating Order Since 1966

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024
2	ADDENDUM #3	06/21/2024
3	ADDENDUM #4	06/26/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

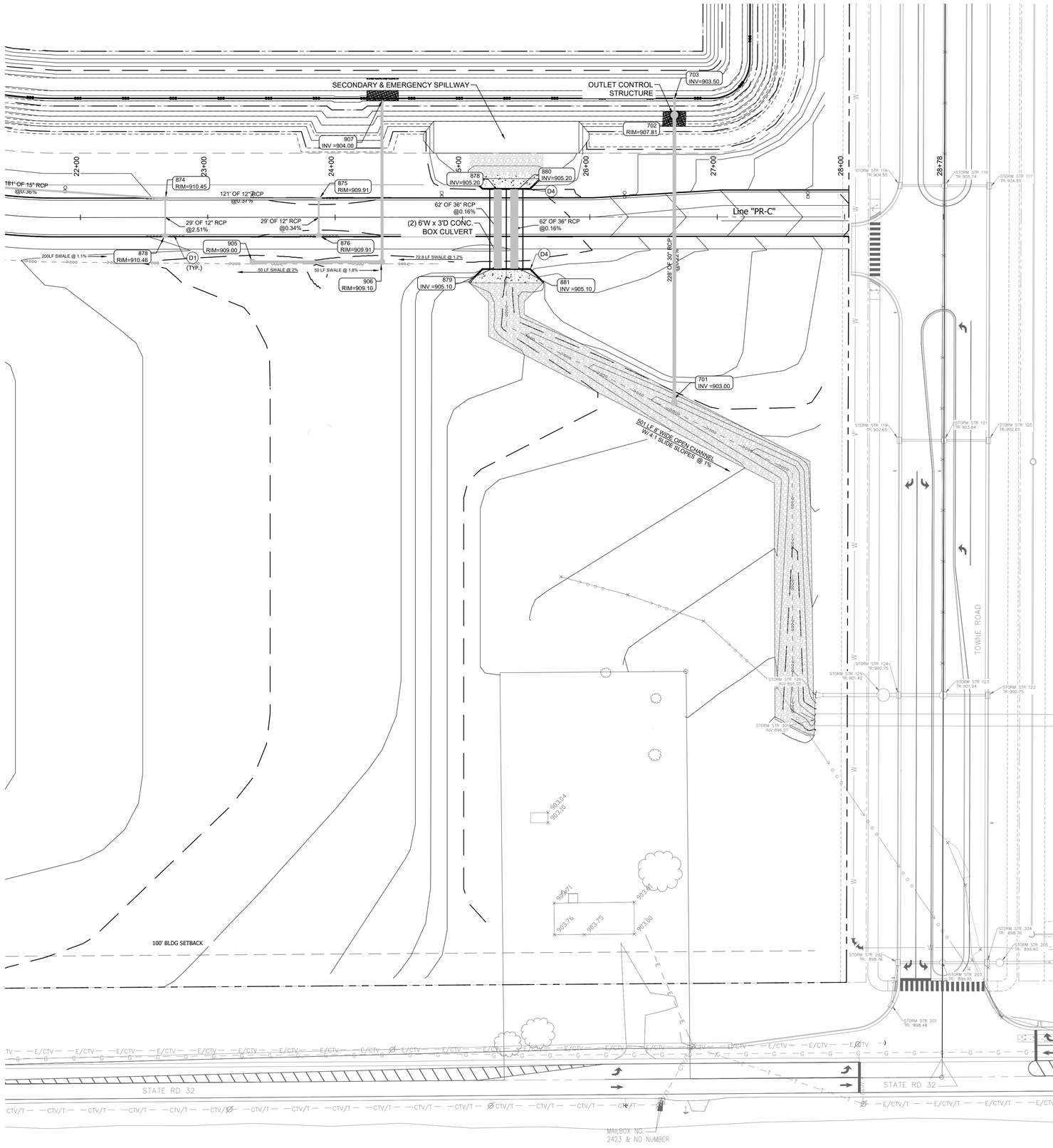
DRAWING TITLE:
UTILITY PLAN

CERTIFIED BY:
KAREN K. COLLINS REGISTERED No. 10404538 STATE OF INDIANA PROFESSIONAL ENGINEER
Karen Collins

DRAWING NUMBER
C504

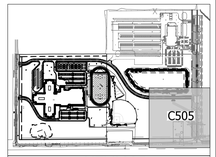
PROJECT NUMBER
2023061

Z:\2023\23093L-CONTEXT, NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\C501 UTILITY PLAN.DWG plotted by STEVEN O'ROURKE on 6/26/2024 4:28:25 PM last saved by SOROURKE on 6/26/2024 4:24:59 PM
Xrefs: 23093L BASE TOPO.DWG & 23093L BASE SITE.DWG & X36X24E.DWG & 23093L L-SB.DWG & 23093L_BUS LOT.DWG & 23093L_SITE ELECTRIC.DWG & 23093L_STRUCTURE POINT.DWG & 23093L ARCH BASE.DWG



0 40' 80'

SCALE: 1" = 40'



KEYMAP

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G - GAS

- (G1) GAS CONNECTION. COORDINATE WITH LOCAL UTILITY PROVIDER. (SEE MEP PLANS)
- (G2) GAS METER SHALL BE INSIDE FENCED OUTDOOR MECHANICAL YARD (SEE MEP PLANS)

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- (S1) 6" PVC SANITARY LATERAL @ 1.04% MIN. SLOPE.
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T - TELECOM

- (T1) FIBER OPTIC CONNECTION. COORDINATE WITH LOCAL UTILITY PROVIDER.

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- (W1) FIRE HYDRANT
- (W2) FIRE DEPARTMENT CONNECTION W/ 4" SERVICE LINE (COORDINATE WITH MEP PLANS)
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- (W7) POST INDICATOR VALVE
- (W8) DRINKING FOUNTAIN (PROTECT ALL EXTERIOR DRINKING FOUNTAINS WITH BACKFLOW PREVENTION DEVICES)
- (W9) 2-INCH WATER SERVICE LINE

Know what's below. Call before you dig.

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(W10) FLARED END SECTION W/ RIP-RAP PROTECTION

ALL FLARED STORM PIPE END SECTIONS SHALL HAVE RIP-RAP PROTECTION UP STREAM & DOWN STREAM PER DETAIL ON C408

APPROVAL PENDING NOT FOR CONSTRUCTION

SCSO
Brett Hite
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email: BHite@scsoinc.net
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317.848.7800 | scsoinc.net
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A&F ENGINEERING
Transportation & Site Engineering
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of construction and the quality standards required.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the General scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

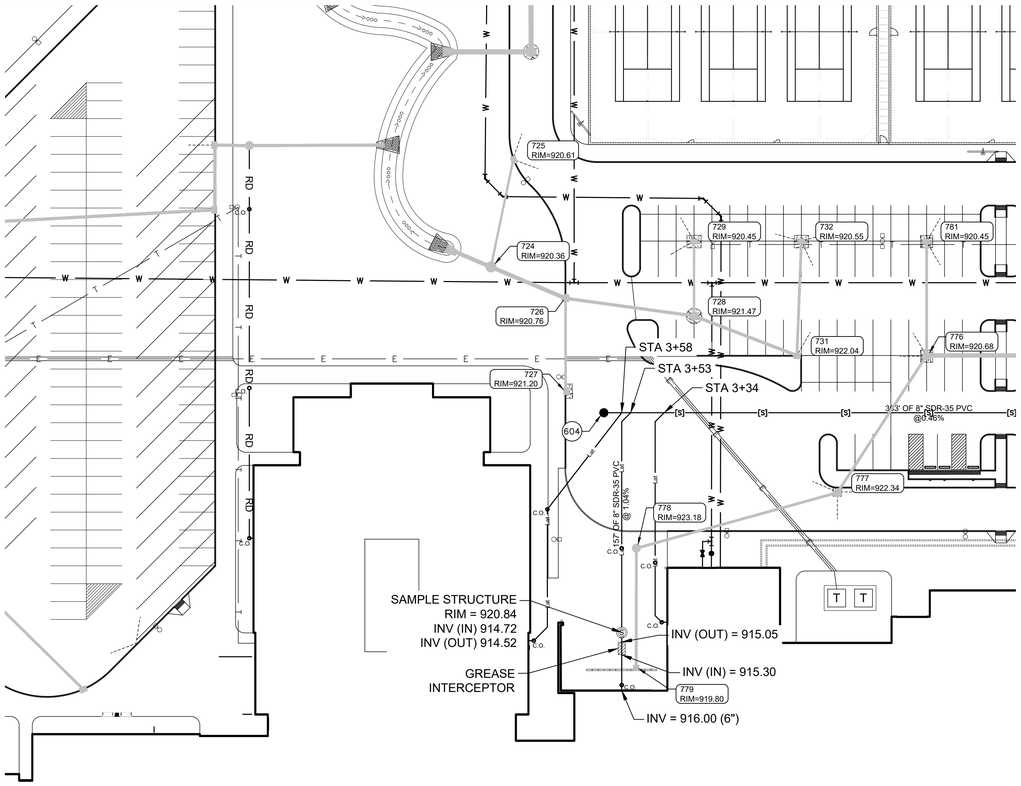
DRAWING TITLE:
UTILITY PLAN

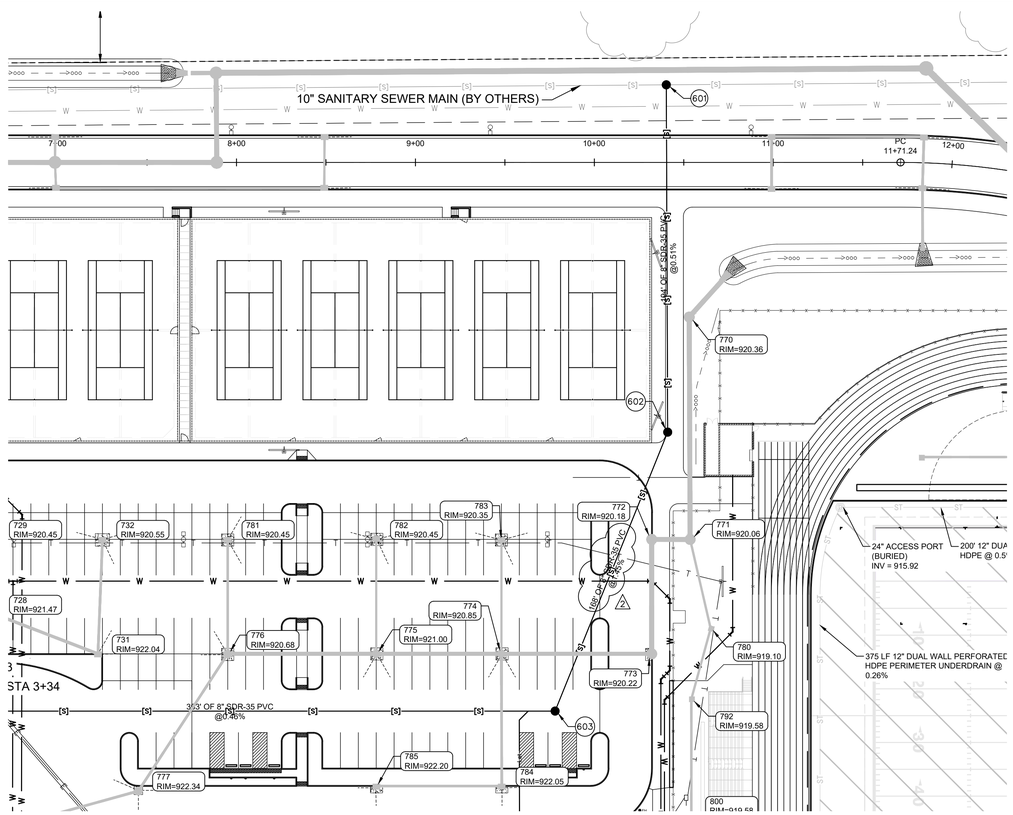
CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
C505

PROJECT NUMBER
2023061

Z:\2023\2309JL--CONTEXT, NEW WESTFIELD MIDDLE SCHOOL--WEST\DWGS\C501 UTILITY PLAN.DWG plotted by STEVEN O'ROURKE on 6/14/2024 4:10:19 PM last saved by SOROURKE on 6/14/2024 3:18:56 PM
Xrefs: 2309JL_BASE TOPO.DWG & 2309JL BASE SITE.DWG & X-BX24E.DWG & 2309JL_BUS LOT.DWG & 2309JL_L-SB.DWG & 2309JL_SITE ELECTRIC.DWG & 2309JL_SITE ELECTRIC.DWG & 2309JL_STRUCTURE POINT.DWG





0 40' 80'

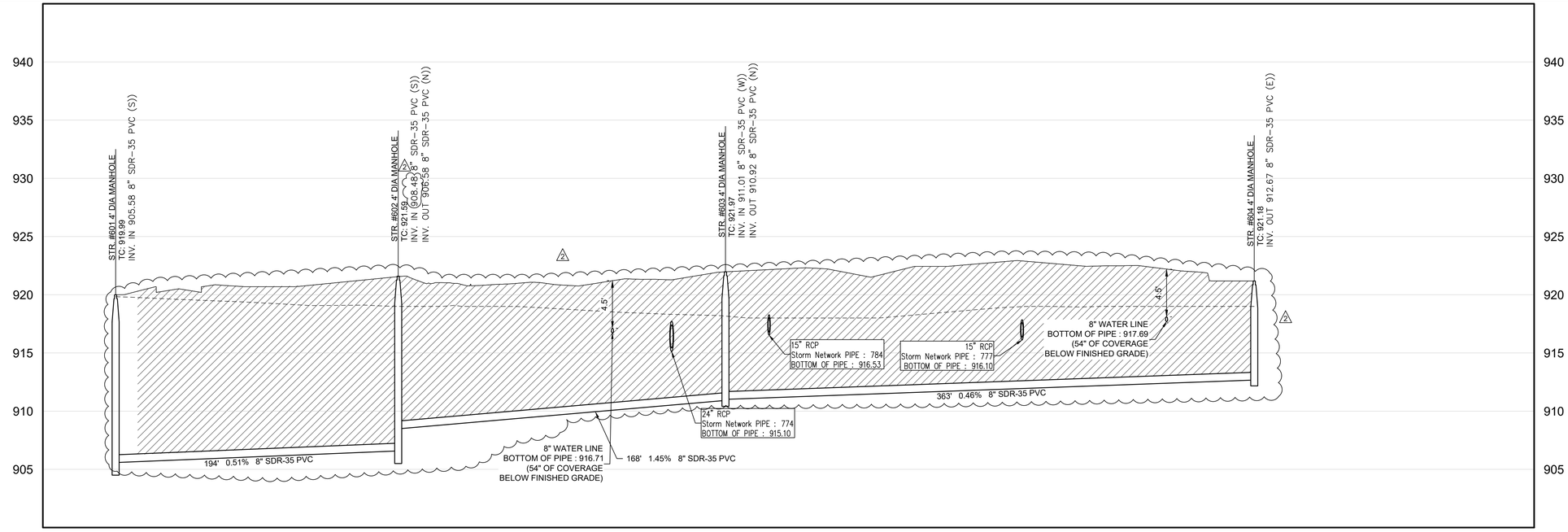
SCALE: 1" = 40'

GENERAL NOTES

1. TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
2. ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS FOR WORKER SAFETY.
3. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS BEFORE CONSTRUCTION BEGINS.
4. CONTRACTORS SHALL MINIMIZE DAMAGE TO EXISTING TREES.

811 Know what's below. Call before you dig.

SANITARY SEWER PLAN



LEGEND

Existing Grade | New Grade | Granular Backfill

SANITARY SEWER PROFILE

SCALE: HORZ.: 1" = 40'
VERT.: 1" = 5

APPROVAL PENDING NOT FOR CONSTRUCTION

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Brett Hite
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317.848.7800 | csoinc.net

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A&F ENGINEERING
Transportation & Site Engineering
Corey Carter Ross Hite

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the structure, the materials of construction and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the intended work of the project.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024
2	ADDENDUM #3	06/21/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

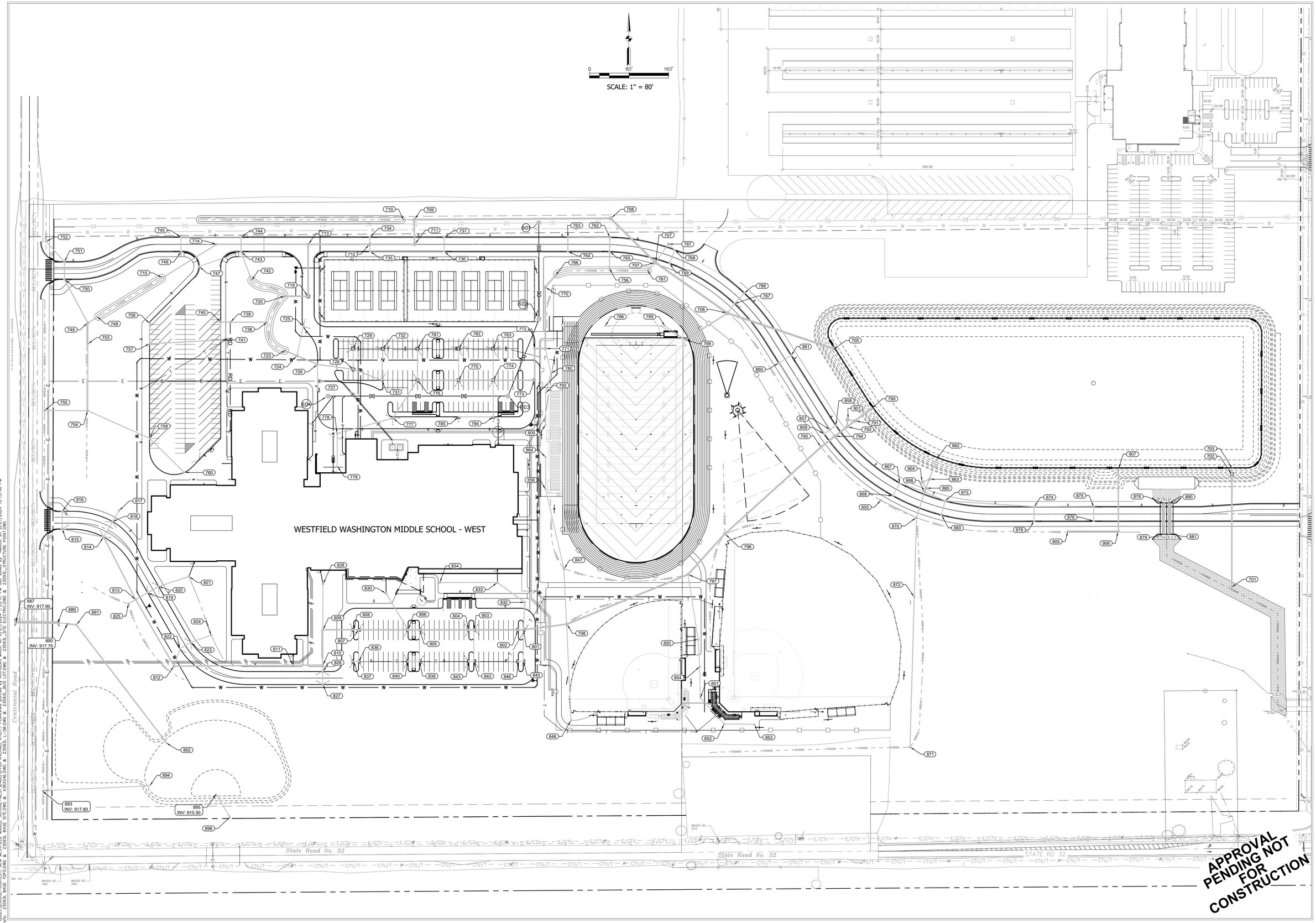
DRAWING TITLE:
SANITARY PLAN & PROFILE

CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
C601

PROJECT NUMBER
2023061

Z:\2023\23093L--CONTEXT, NEW WESTFIELD MIDDLE SCHOOL--WEST\DWGS\C601 SANITARY P&P.DWG plotted by NICHOLAS MACK on 6/21/2024 1:50:21 PM last saved by NMACK on 6/21/2024 1:49:02 PM
Xrefs: X36X24E.DWG & 23093L BASE TOPO.DWG & 23093L BASE SITE.DWG & 23093L_I-SB.DWG & 23093L_BUS LOT.DWG & 23093L_SITE ELECTRIC.DWG



APPROVAL PENDING NOT FOR CONSTRUCTION

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A&F ENGINEERING
Transportation & Site Engineering
Crossing Order Since 1966

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024
2	ADDENDUM #3	06/21/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

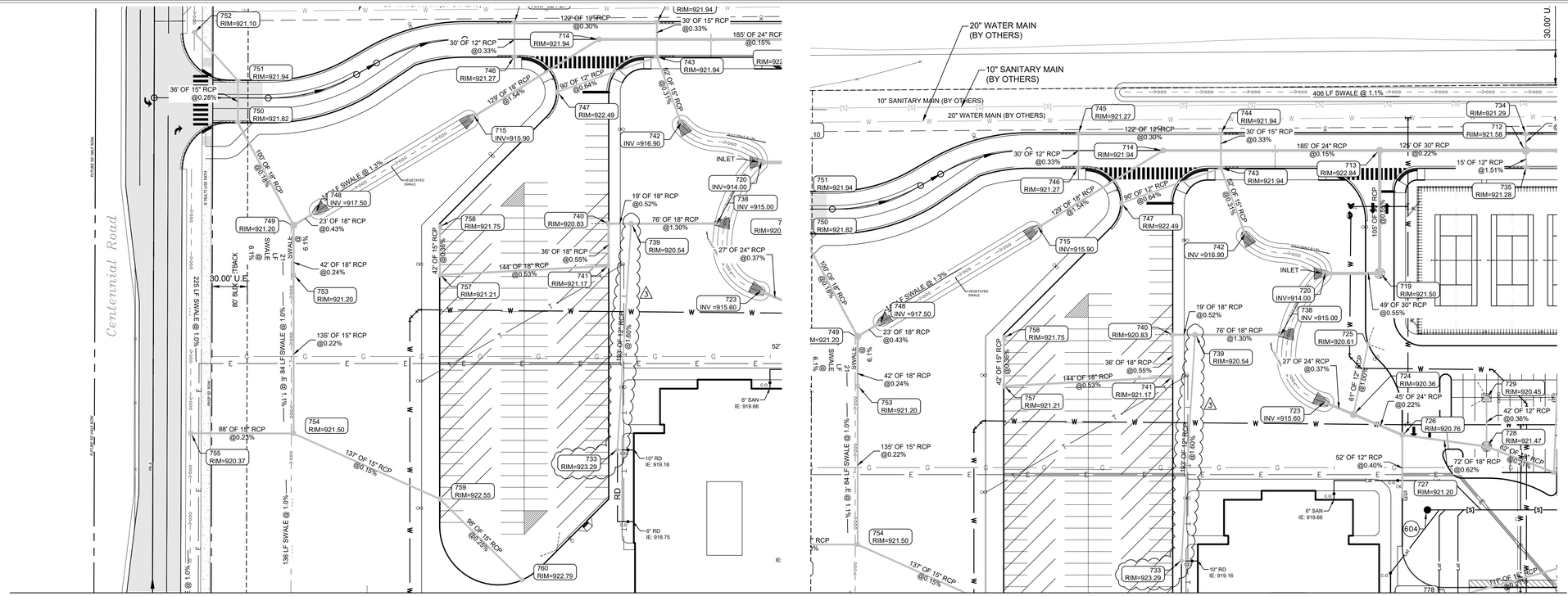
DRAWING TITLE:
OVERALL UTILITY PLAN

CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER
Karen Collins

DRAWING NUMBER
2
C700

PROJECT NUMBER
2023061

Z:\2023\23093L-CONTEXT, NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\C700 OVERALL UTILITY PLAN.DWG plotted by NICHOLAS MACK on 6/21/2024 1:33:31 PM last saved by NMACK on 6/21/2024 12:13:40 PM
Xrefs: 23093L BASE TOPO.DWG & 23093L BASE SITE.DWG & X36X24E.DWG & 23093L L-SB.DWG & 23093L_BUS LOT.DWG & 23093L_SITE ELECTRIC.DWG & 23093L_STRUCTURE POINT.DWG

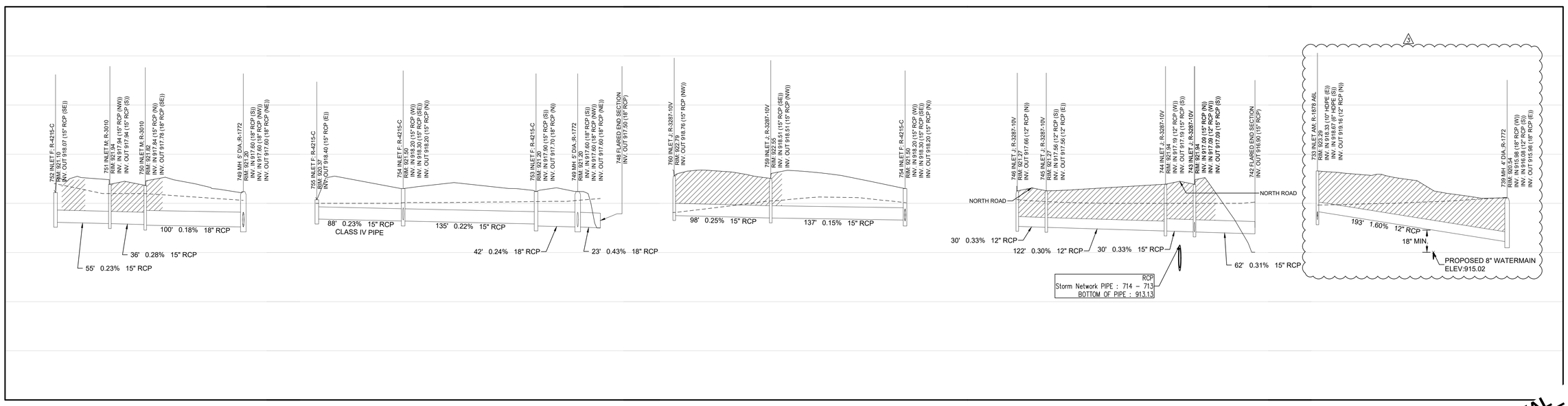


GENERAL NOTES

1. TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
2. ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS FOR WORKER SAFETY.
3. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS BEFORE CONSTRUCTION BEGINS.
4. CONTRACTORS SHALL MINIMIZE DAMAGE TO EXISTING TREES.

Know what's below. Call before you dig.

STORM SEWER PLAN



LEGEND

Existing Grade	New Grade	Granular Backfill

STORM SEWER PROFILE

SCALE: HORZ.: 1" = 50'
VERT.: 1" = 5'

APPROVAL PENDING NOT FOR CONSTRUCTION

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A&F ENGINEERING
Transportation & Site Engineering
Corning Center Drive West

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the quality of materials required and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the intended building project.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024
2	ADDENDUM #3	06/21/2024
3	ADDENDUM #4	06/26/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

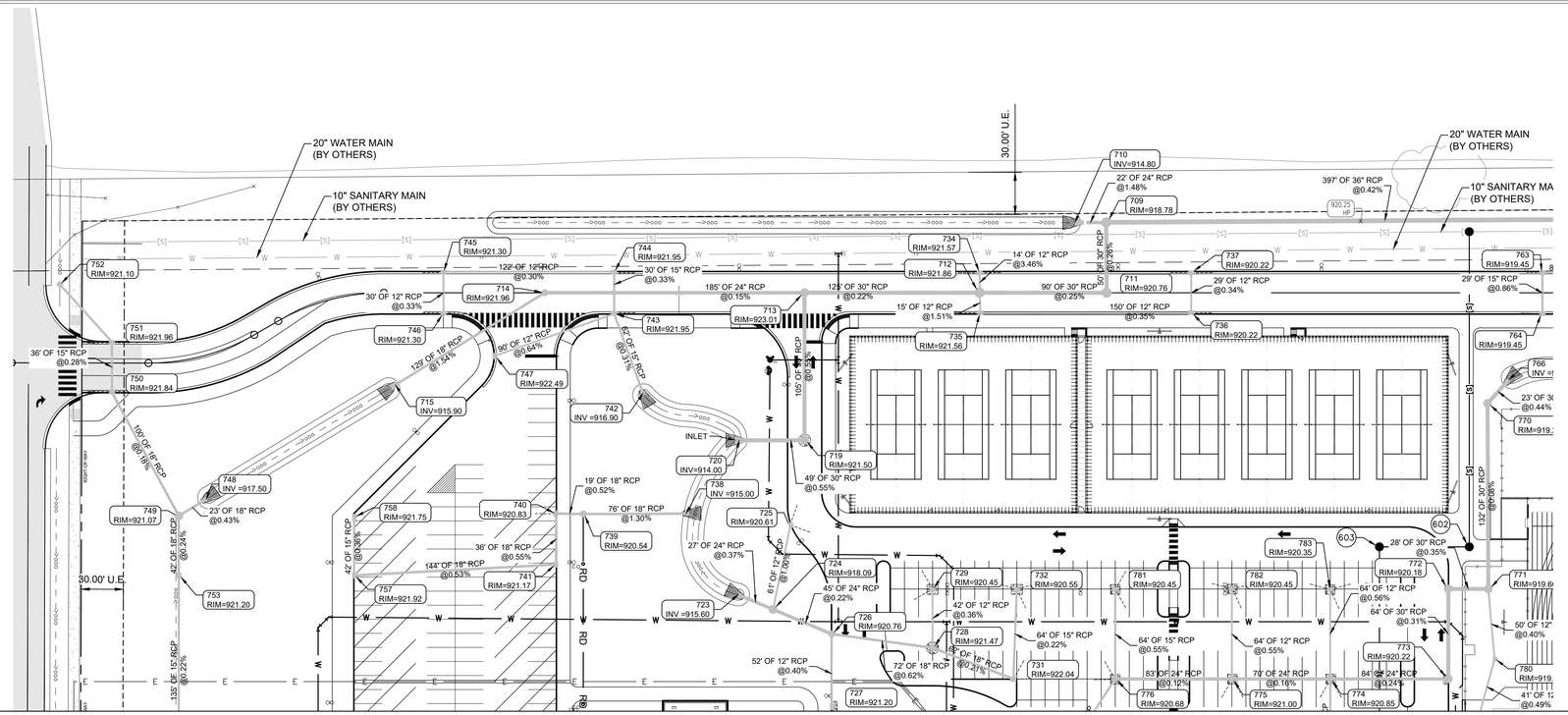
DRAWING TITLE:
STORM PLAN & PROFILE

CERTIFIED BY:
KAREN K. COLLINS, REGISTERED No. 10404538 STATE OF INDIANA PROFESSIONAL ENGINEER

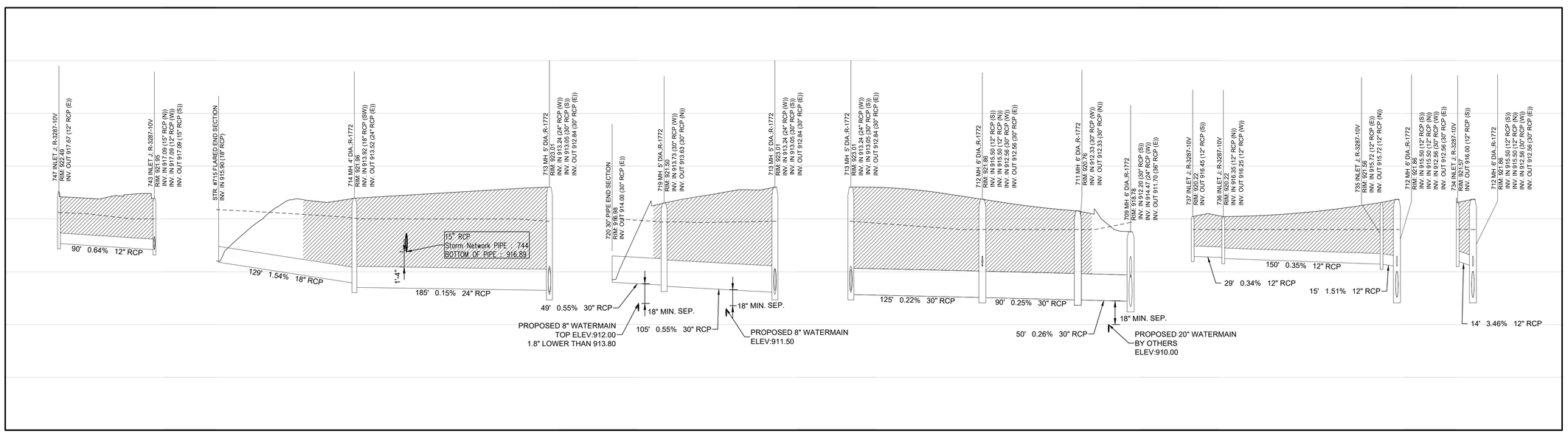
DRAWING NUMBER
C701

PROJECT NUMBER
2023061

Z:\2021\23093L-CONTEXT, NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\C701 STORM P&P.DWG plotted by STEVEN O'ROURKE on 6/26/2024 4:11:53 PM last saved by SOROURKE on 6/26/2024 4:07:04 PM
Xrefs: 23093L BASE TOPO.DWG & 23093L BASE SITE.DWG & 23093L L-SB.DWG & 23093L_BUS LOT.DWG & X:\6X\24E.DWG & 23093L_SITE ELECTRIC.DWG & 23093L ARCH BASE.DWG



STORM SEWER PLAN



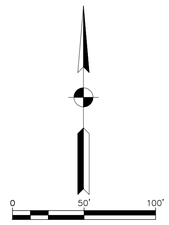
LEGEND

Existing Grade | New Grade | Granular Backfill

STORM SEWER PROFILE

SCALE: HORZ.: 1" = 50'
VERT.: 1" = 5'

APPROVAL PENDING NOT FOR CONSTRUCTION



SCALE: 1" = 50'

GENERAL NOTES

1. TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
2. ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS FOR WORKER SAFETY.
3. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS BEFORE CONSTRUCTION BEGINS.
4. CONTRACTORS SHALL MINIMIZE DAMAGE TO EXISTING TREES.

811 Know what's below. Call before you dig.

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Brett Hite
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A&F ENGINEERING
Transportation & Site Engineering
Crossing Center Area Map

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the principal elements, the performance criteria and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the intended project.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

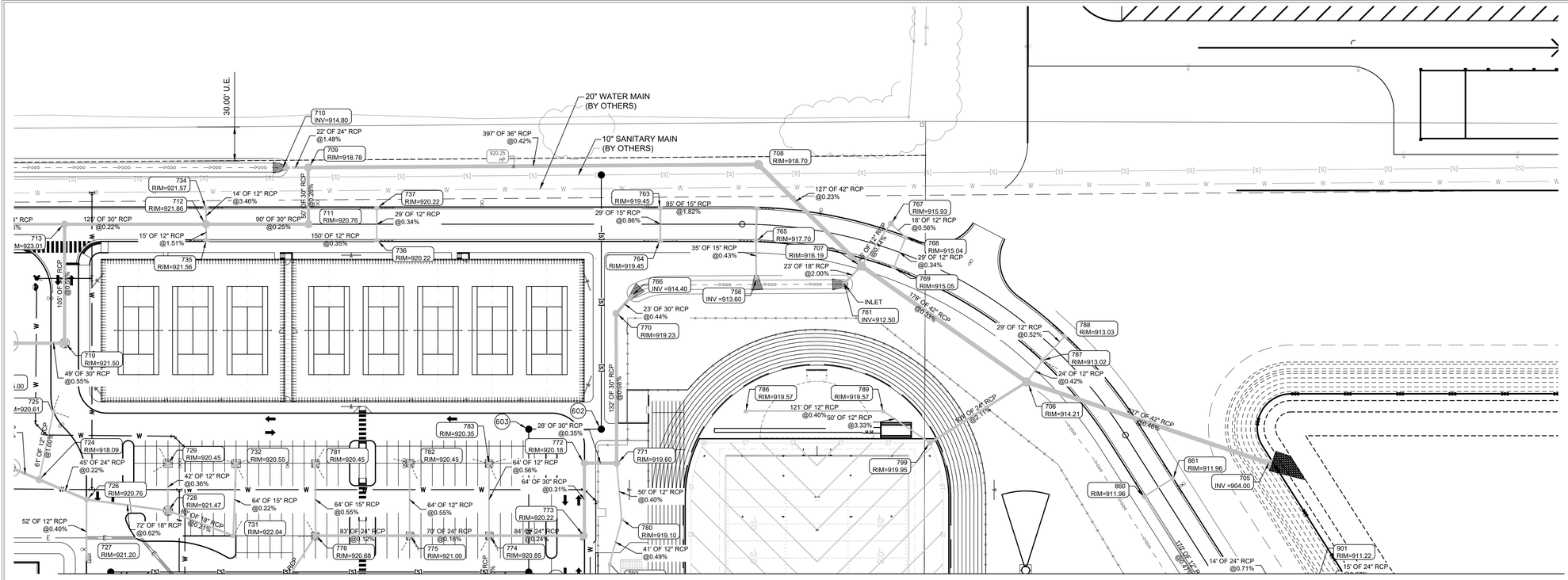
DRAWING TITLE:
STORM PLAN & PROFILE

CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
C702

PROJECT NUMBER
2023061

Z:\2023\23093L-CONTEXT, NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\C701 STORM P&P.DWG plotted by STEVEN O'ROURKE on 6/13/2024 8:34:35 PM last saved by SOROURKE on 6/13/2024 7:29:06 PM
Xrefs: 23093L BASE TOPO.DWG & 23093L BASE SITE.DWG & 23093L L-SB.DWG & 23093L_BUS LOT.DWG & X36X24E.DWG & 23093L_SITE ELECTRIC.DWG



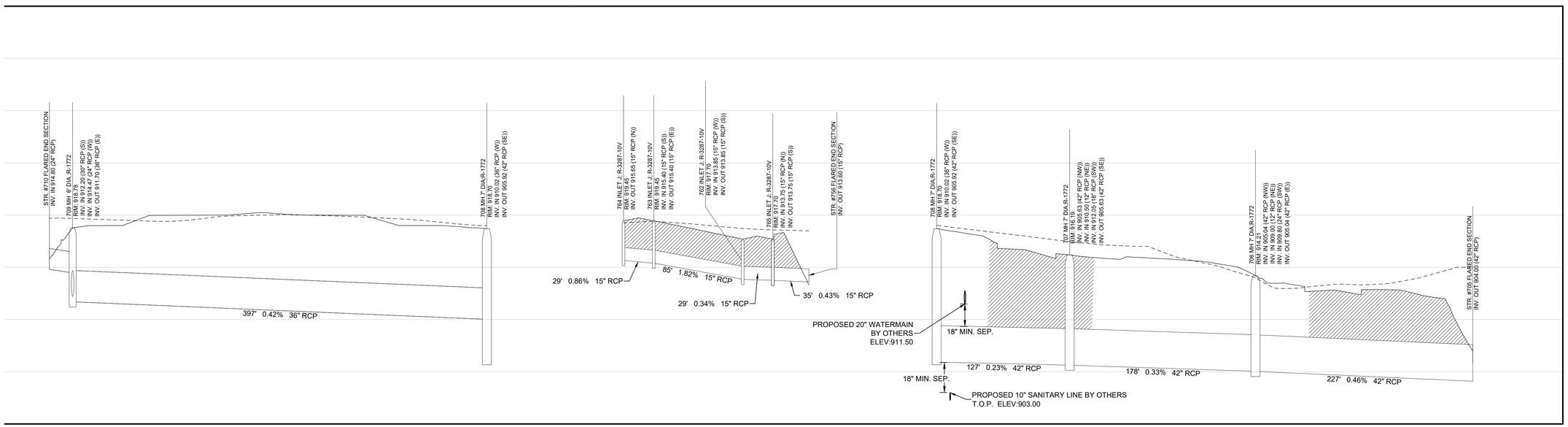
SCALE: 1" = 50'

GENERAL NOTES

1. TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
2. ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS FOR WORKER SAFETY.
3. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS BEFORE CONSTRUCTION BEGINS.
4. CONTRACTORS SHALL MINIMIZE DAMAGE TO EXISTING TREES.

811 Know what's below. Call before you dig.

STORM SEWER PLAN



STORM SEWER PROFILE

LEGEND: Existing Grade | New Grade | Granular Backfill

SCALE: HORZ.: 1" = 50' VERT.: 1" = 5'

APPROVAL PENDING NOT FOR CONSTRUCTION

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8901 Keystone Crossing | Indianapolis, IN 46240
317.848.7800 | csoinc.net

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A&F ENGINEERING Transportation & Site Engineering Closing Center Area Map

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building(s) and the quality of materials and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the intended building(s).
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

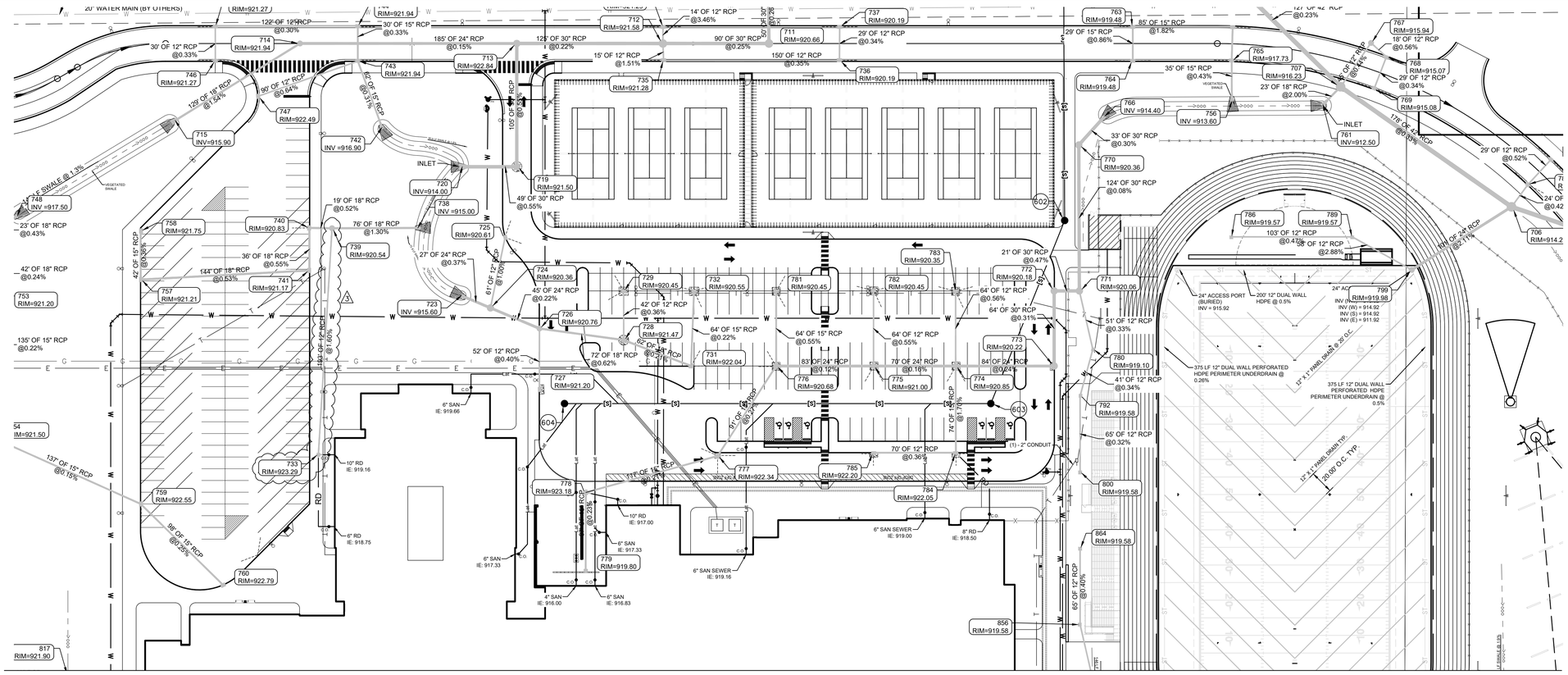
DRAWING TITLE: STORM PLAN & PROFILE

CERTIFIED BY:
KAREN K. COLLINS REGISTERED No. 10404538 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWING NUMBER C703

PROJECT NUMBER 2023061

Z:\2023\23093L--CONTEXT, NEW WESTFIELD MIDDLE SCHOOL--WEST\DWGS\C701 STORM P&P.DWG plotted by STEVEN O'ROURKE on 6/13/2024 8:34:40 PM last saved by SOROURKE on 6/13/2024 7:29:06 PM
Xrefs: 23093L BASE TOPO.DWG & 23093L BASE SITE.DWG & 23093L L-SBI.DWG & 23093L_BUS LOT.DWG & X36X24E.DWG & 23093L_SITE ELECTRIC.DWG


20" WATER MAIN (BY OTHERS)
RIM=921.27
122' OF 12" RCP @0.30%
30' OF 15" RCP @0.33%
185' OF 24" RCP @0.15%
129' OF 30" RCP @0.22%
90' OF 30" RCP @0.25%
14' OF 12" RCP @3.46%
29' OF 12" RCP @0.34%
15' OF 12" RCP @1.51%
150' OF 12" RCP @0.35%
29' OF 15" RCP @0.86%
85' OF 15" RCP @1.82%
35' OF 15" RCP @0.43%
23' OF 18" RCP @2.00%
178' OF 42" RCP @0.23%
29' OF 12" RCP @0.52%
24' OF @0.42
706 RIM=914.2
707 RIM=916.23
INLET
761 INV=912.50
INV =913.60
INV =914.40
763 RIM=919.48
764 RIM=919.48
765 RIM=917.73
767 RIM=915.94
768 RIM=915.07
769 RIM=915.08
18' OF 12" RCP @0.56%
29' OF 12" RCP @0.34%
30' OF 12" RCP @0.43%
746 RIM=921.27
747 RIM=922.49
715 INV=915.90
90' OF 12" RCP @0.64%
129' OF 18" RCP @1.54%
743 RIM=921.94
742 INV =916.90
45' OF 15" RCP @0.15%
100' OF 15" RCP @0.35%
713 RIM=922.84
714 RIM=921.94
712 RIM=921.58
711 RIM=920.66
737 RIM=920.19
736 RIM=920.19
735 RIM=921.28
719 RIM=921.50
720 INV=914.00
738 INV =915.00
725 RIM=920.61
INLET
49' OF 30" RCP @0.55%
602
748 INV =917.50
23' OF 18" RCP @0.43%
19' OF 18" RCP @0.52%
76' OF 18" RCP @1.30%
740 RIM=920.83
739 RIM=920.54
758 RIM=921.75
757 RIM=921.21
753 RIM=921.20
36' OF 18" RCP @0.55%
144' OF 18" RCP @0.53%
741 RIM=921.17
27' OF 24" RCP @0.37%
42' OF 18" RCP @0.24%
42' OF 15" RCP @0.19%
723 INV =915.60
61' OF 30" RCP @0.16%
724 RIM=920.36
726 RIM=920.76
45' OF 24" RCP @0.22%
729 RIM=920.45
728 RIM=921.47
42' OF 12" RCP @0.36%
732 RIM=920.55
781 RIM=920.45
782 RIM=920.45
783 RIM=920.35
772 RIM=920.18
21' OF 30" RCP @0.47%
64' OF 12" RCP @0.56%
64' OF 30" RCP @0.31%
64' OF 15" RCP @0.22%
64' OF 15" RCP @0.55%
64' OF 12" RCP @0.55%
773 RIM=920.22
731 RIM=922.04
72' OF 18" RCP @0.62%
83' OF 24" RCP @0.12%
70' OF 24" RCP @0.18%
84' OF 24" RCP @0.24%
776 RIM=920.68
775 RIM=921.00
774 RIM=920.85
135' OF 15" RCP @0.22%
52' OF 12" RCP @0.40%
727 RIM=921.20
6" SAN IE: 919.66
604
603
51' OF 30" RCP @0.20%
74' OF 30" RCP @0.16%
(1) - 2" CONDUIT
70' OF 12" RCP @0.36%
777 RIM=922.34
785 RIM=922.20
INV =921.50
137' OF 15" RCP @0.15%
733 RIM=923.29
10" RD IE: 919.16
759 RIM=922.55
778 RIM=923.18
77' OF 15" RCP @0.23%
10" RD IE: 917.00
6" SAN IE: 917.33
779 RIM=919.80
6" SAN IE: 916.83
4" SAN IE: 916.00
6" SAN SEWER IE: 919.16
6" SAN SEWER IE: 919.00
8" RD IE: 918.50
784 RIM=922.05
6" RD IE: 918.75
89' OF 15" RCP @0.25%
760 RIM=922.79
817 RIM=921.90
792 RIM=919.58
65' OF 12" RCP @0.32%
800 RIM=919.58
864 RIM=919.58
65' OF 12" RCP @0.40%
856 RIM=919.58
780 RIM=919.10
41' OF 12" RCP @0.34%
51' OF 12" RCP @0.33%
771 RIM=920.06
786 RIM=919.57
789 RIM=919.57
103' OF 12" RCP @0.47%
99' OF 12" RCP @2.88%
107' OF 24" RCP @2.11%
24" ACCESS PORT (BURIED) INV = 915.92
200' 12" DUAL WALL HDPE @ 0.5%
24" AC
799 RIM=919.98
INV (N) = 914.92
INV (W) = 914.92
INV (S) = 914.92
INV (E) = 911.92
375 LF 12" DUAL WALL PERFORATED HDPE PERIMETER UNDERDRAIN @ 0.26%
375 LF 12" DUAL WALL PERFORATED HDPE PERIMETER UNDERDRAIN @ 0.5%
12" X 1' PANEL DRAIN @ 20' O.C.
12" X 1' PANEL DRAIN TYP.
20.00' O.C. TYP.
INV =916.90
INV =917.50
INV =915.60
INV =914.00
INV =915.00
INV =921.50
INV =922.49
INV =921.94
INV =921.27
INV =921.21
INV =921.20
INV =921.50
INV =923.29
INV =922.55
INV =922.79
INV =921.90
INV =919.66
INV =919.16
INV =919.00
INV =918.50
INV =918.75
INV =917.00
INV =916.83
INV =916.00
INV =917.33
INV =919.80
INV =923.18
INV =922.84
INV =922.05
INV =919.58
INV =919.58
INV =919.58
INV =919.10
INV =920.06
INV =919.57
INV =919.57
INV =920.22
INV =922.34
INV =920.85
INV =921.00
INV =920.68
INV =920.45
INV =919.98
INV =920.18
INV =920.22
INV =920.45
INV =920.68
INV =920.54
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INV =920.61
INV =920.36
INV =920.76
INV =921.47
INV =920.45
INV =920.55
INV =920.45
INV =920.35
INV =920.36
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INV =920.76
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INV =920.55
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INV =920.18
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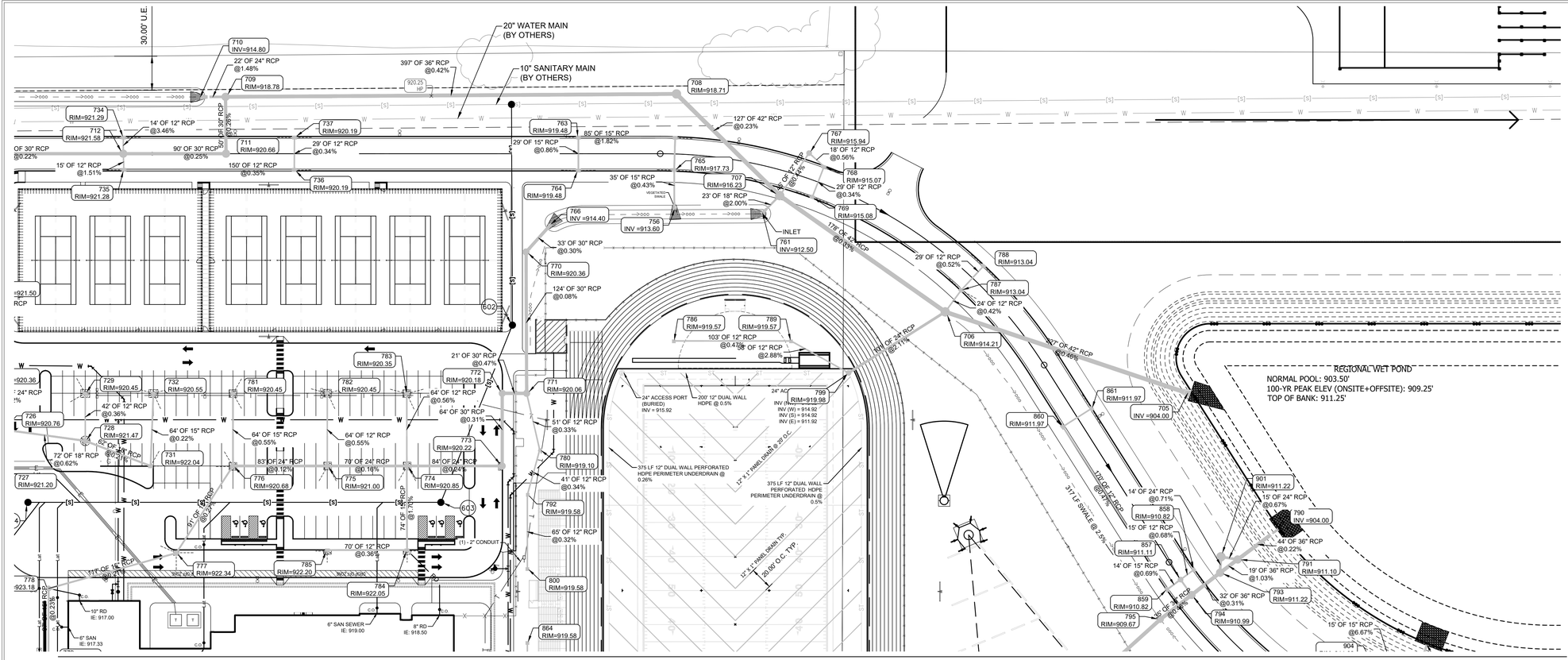


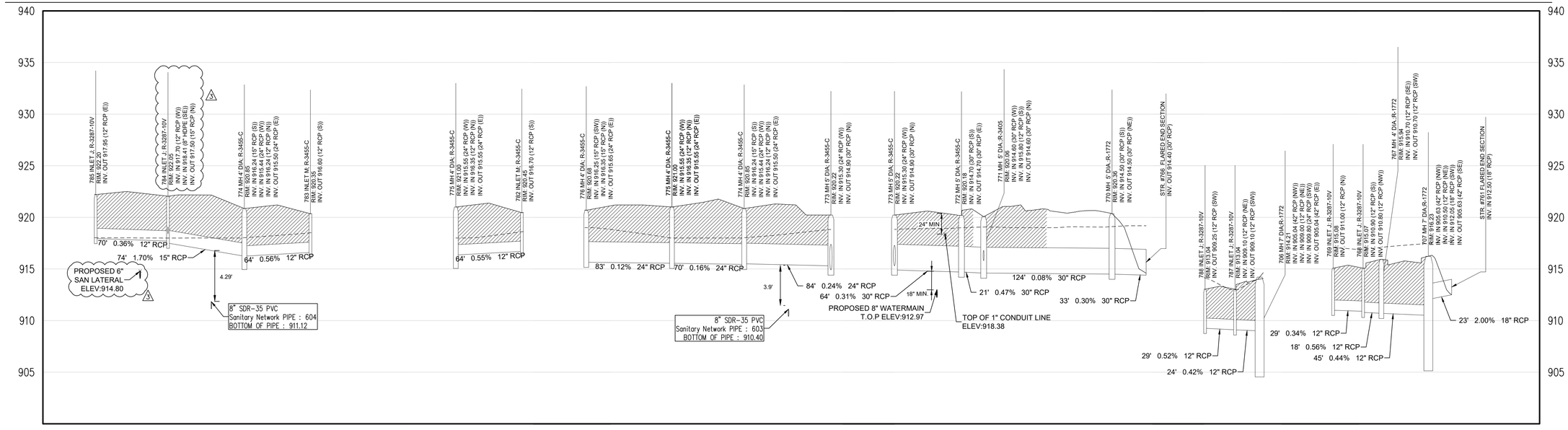
SCALE: 1" = 50'

GENERAL NOTES

1. TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
2. ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS FOR WORKER SAFETY.
3. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS BEFORE CONSTRUCTION BEGINS.
4. CONTRACTORS SHALL MINIMIZE DAMAGE TO EXISTING TREES.

811 Know what's below. Call before you dig.

STORM SEWER PLAN



LEGEND

Existing Grade | New Grade | Granular Backfill

STORM SEWER PROFILE

SCALE: HORZ.: 1" = 50'
VERT.: 1" = 5'

APPROVAL PENDING NOT FOR CONSTRUCTION

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317.848.7800 | csoinc.net

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A&F ENGINEERING
Transportation & Site Engineering
Carmel | Cedar Rapids

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the quality of materials required and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the construction contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024
2	ADDENDUM #3	06/21/2024
3	ADDENDUM #4	06/28/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

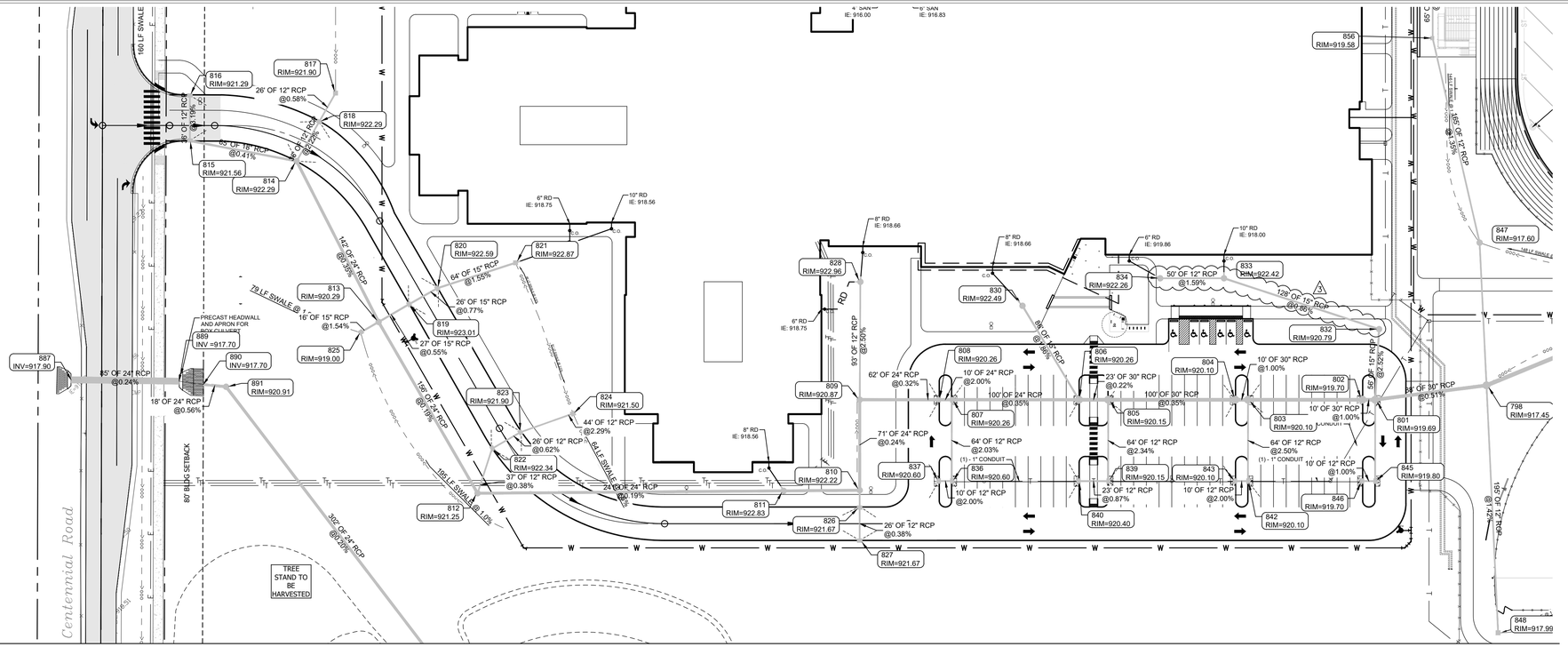
DRAWING TITLE:
STORM PLAN & PROFILE

CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
C705

PROJECT NUMBER
2023061

Z:\2023\23093L--CONTEXT, NEW WESTFIELD MIDDLE SCHOOL--WEST\DWGS\C701 STORM P&P.DWG plotted by STEVEN O'ROURKE on 6/26/2024 4:12:02 PM last saved by SOROURKE on 6/26/2024 4:07:04 PM
Xrefs: 2309JL BASE TOPO.DWG & 2309JL BASE SITE.DWG & 2309JL L-SB9.DWG & 2309JL_BUS LOT.DWG & X36X24E.DWG & 2309JL_SITE ELECTRIC.DWG & 2309JL ARCH BASE.DWG



SCALE: 1" = 50'

GENERAL NOTES

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3. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS BEFORE CONSTRUCTION BEGINS.
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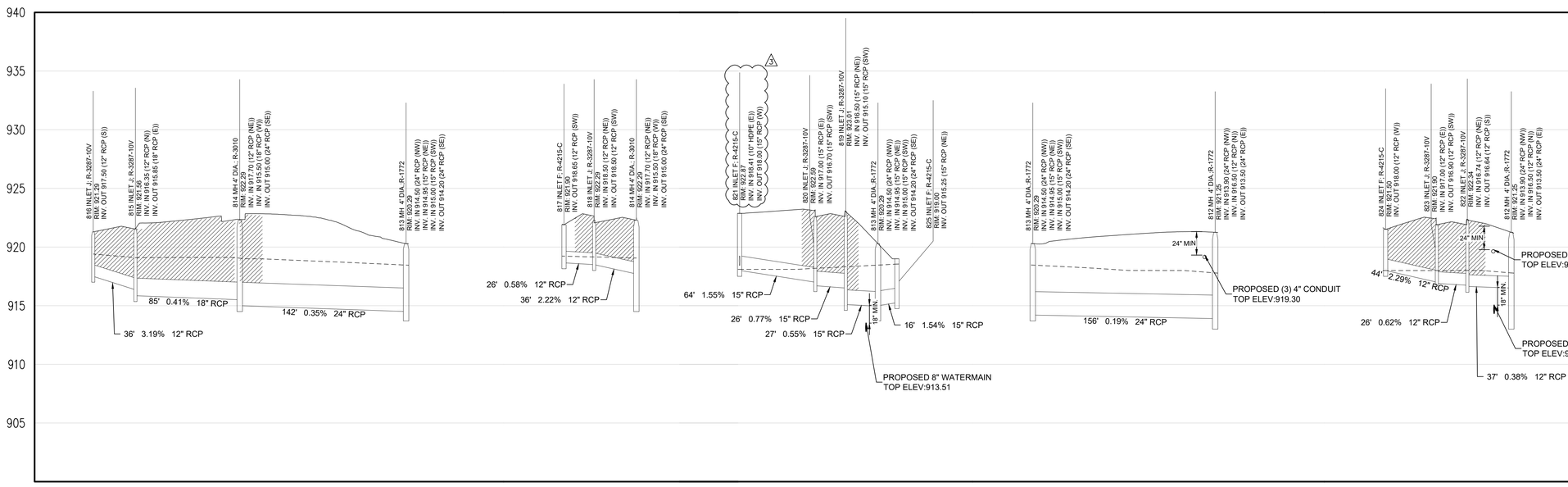
811 Know what's below. Call before you dig.

STORM SEWER PLAN



LEGEND

Existing Grade	New Grade	Granular Backfill

STORM SEWER PROFILE

SCALE: HORZ.: 1" = 50'
VERT.: 1" = 5'

APPROVAL PENDING NOT FOR CONSTRUCTION

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A&F ENGINEERING
Transportation & Site Engineering
Carmel | Fort Wayne

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building(s), and the quality standards that set the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the construction contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024
2	ADDENDUM #3	06/21/2024
3	ADDENDUM #4	06/26/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

DRAWING TITLE:
STORM PLAN & PROFILE

CERTIFIED BY:
KAREN K. COLLINS, REGISTERED No. 10404538 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWING NUMBER
C706

PROJECT NUMBER
2023061

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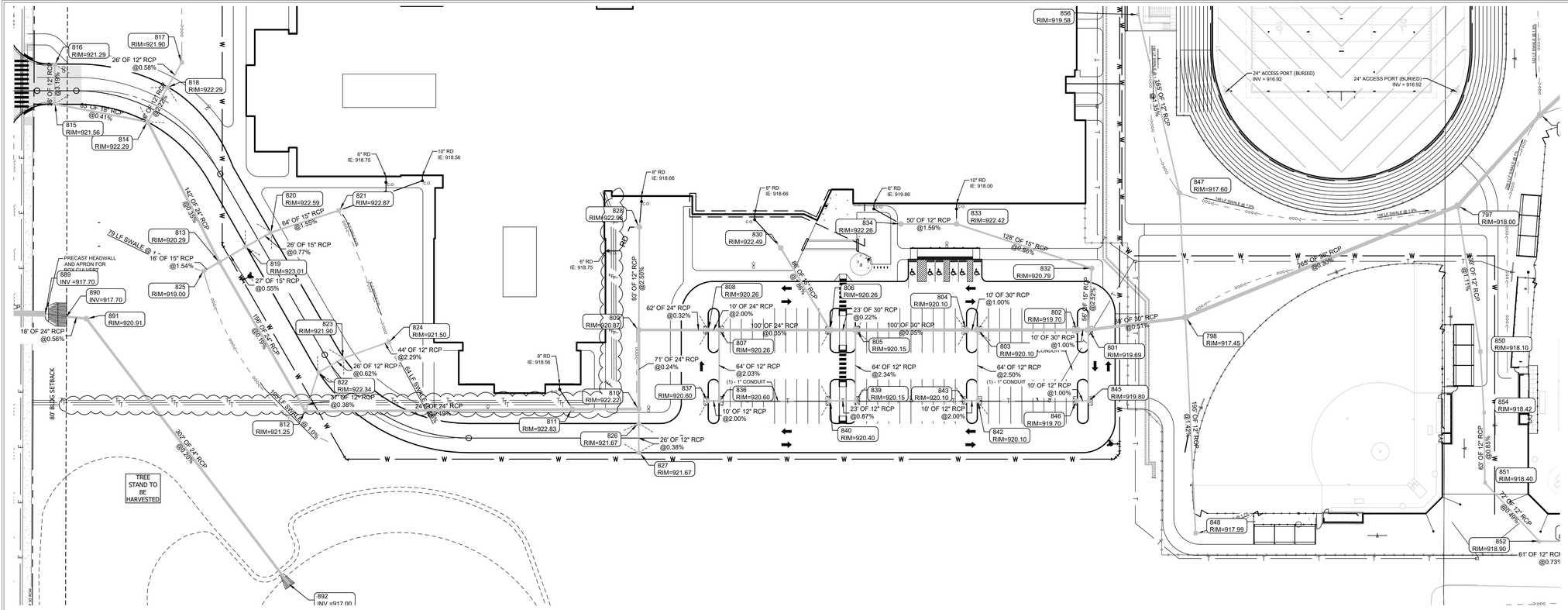
Xrefs: 23093L BASE TOPO.DWG & 23093L BASE SITE.DWG & 23093L L-SB.DWG & 23093L_BUS LOT.DWG & X36X24E.DWG & 23093L_SITE ELECTRIC.DWG & 23093L ARCH BASE.DWG



SCALE: 1" = 50'

GENERAL NOTES

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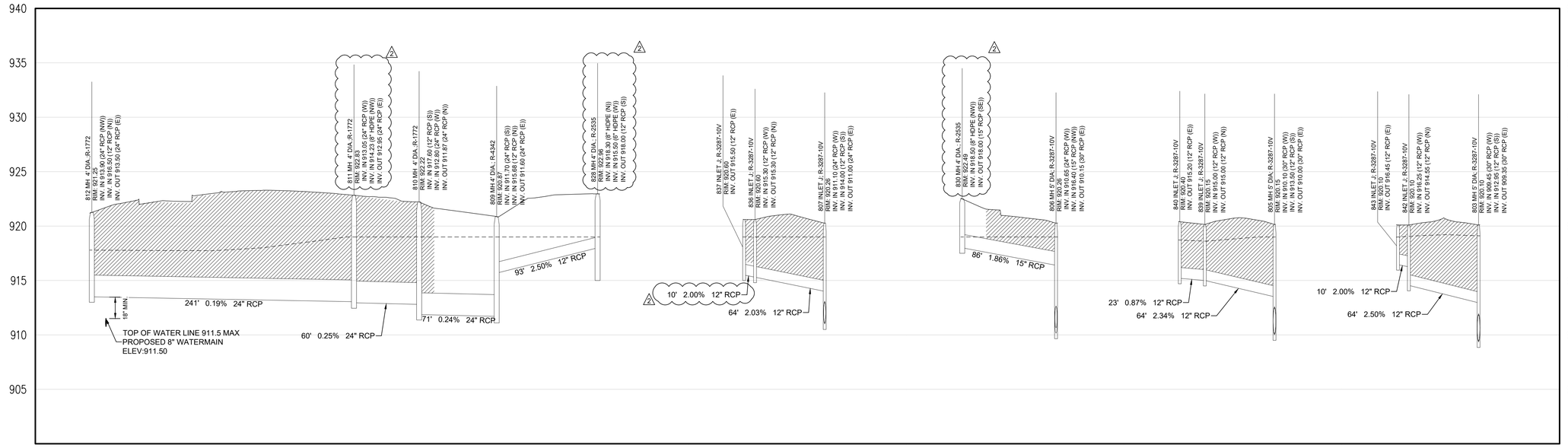
2. ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS FOR WORKER SAFETY.
3. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS BEFORE CONSTRUCTION BEGINS.
4. CONTRACTORS SHALL MINIMIZE DAMAGE TO EXISTING TREES.

811 Know what's below. Call before you dig.

STORM SEWER PLAN



LEGEND		
Existing Grade	New Grade	Granular Backfill

STORM SEWER PROFILE

SCALE: HORZ.: 1" = 50'
VERT.: 1" = 5'

APPROVAL PENDING NOT FOR CONSTRUCTION

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A&F ENGINEERING
Transportation & Site Engineering
Corporate Center Drive Suite 140

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the performance criteria for the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all materials, labor, workmanship and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the contractor is responsible for all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024
2	ADDENDUM #4	06/26/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

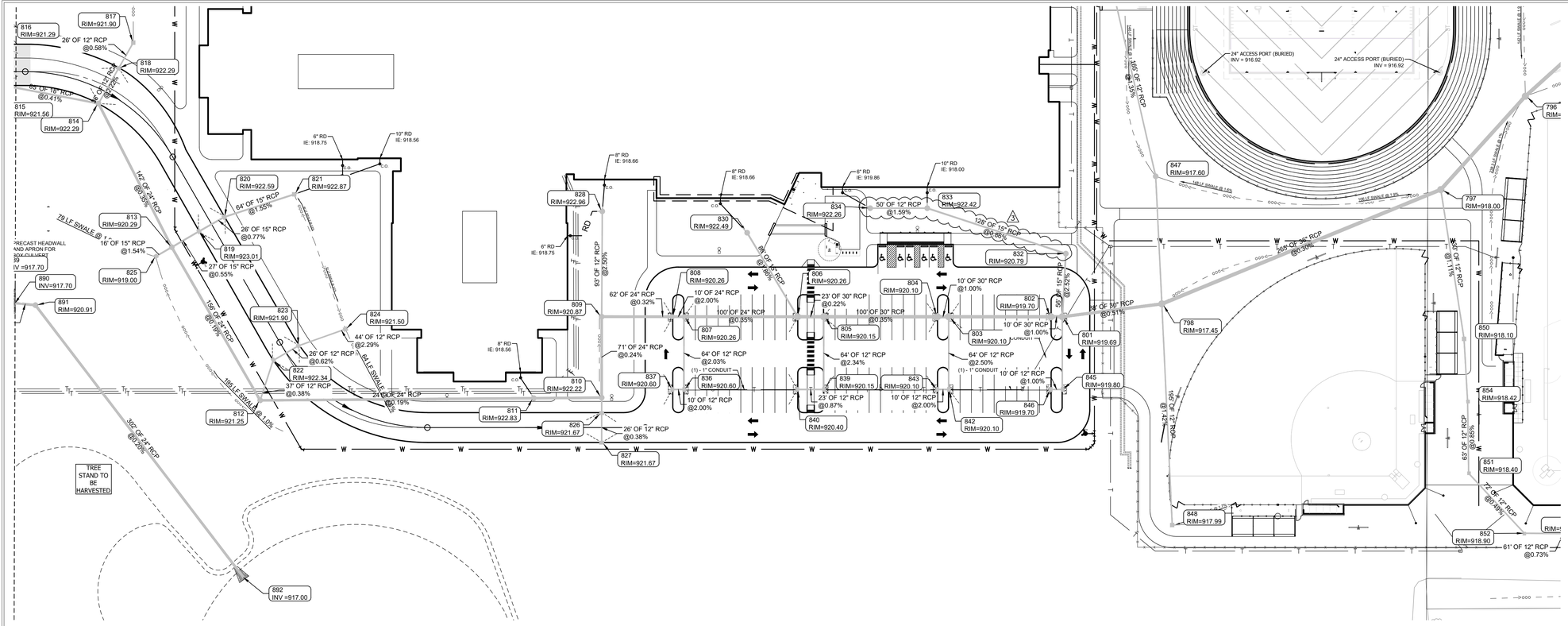
DRAWING TITLE:
STORM PLAN & PROFILE

CERTIFIED BY:
KAREN K. COLLINS REGISTERED No. 10404538 STATE OF INDIANA PROFESSIONAL ENGINEER
Karen Collins

DRAWING NUMBER
C707

PROJECT NUMBER
2023061

Z:\2023\23093L-CONTEXT, NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\C701 STORM P&P.DWG plotted by STEVEN O'ROURKE on 6/26/2024 4:12:13 PM last saved by SOROURKE on 6/26/2024 4:07:04 PM
Xrefs: 23093L BASE TOPO.DWG & 23093L BASE SITE.DWG & 23093L_BLDS LOT.DWG & X:\6X\24E.DWG & 23093L_SITE ELECTRIC.DWG & 23093L ARCH BASE.DWG



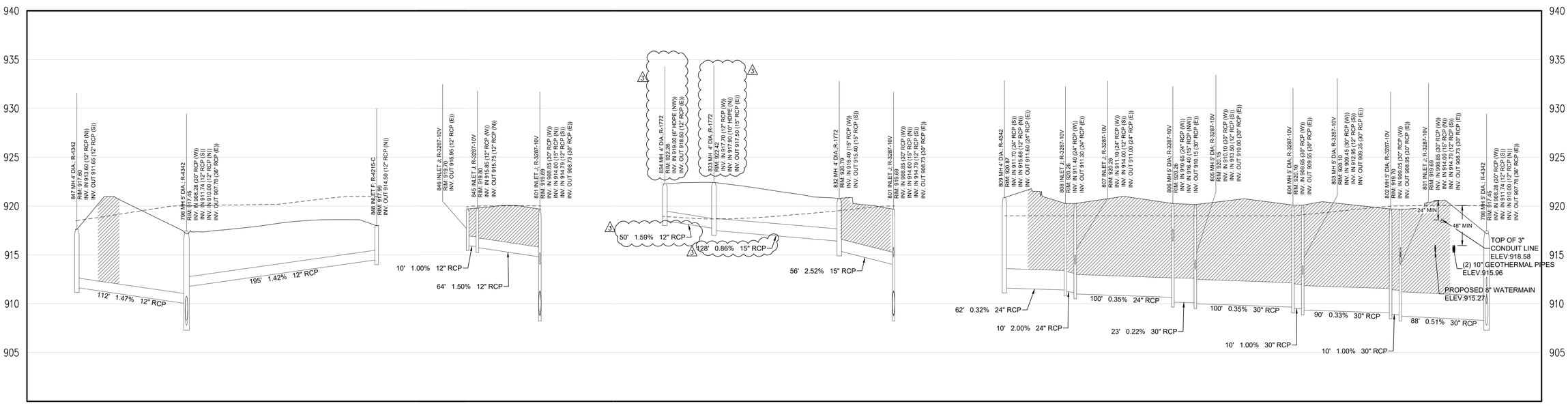
SCALE: 1" = 50'

GENERAL NOTES

1. TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
2. ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS FOR WORKER SAFETY.
3. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS BEFORE CONSTRUCTION BEGINS.
4. CONTRACTORS SHALL MINIMIZE DAMAGE TO EXISTING TREES.

811 Know what's **below.** **Call** before you dig.

STORM SEWER PLAN



LEGEND		
Existing Grade	New Grade	Granular Backfill

STORM SEWER PROFILE

SCALE: HORZ.: 1" = 50'
VERT.: 1" = 5'

APPROVAL PENDING NOT FOR CONSTRUCTION

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317.848.7800 | csoinc.net

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the performance criteria for the type of structural, mechanical and electrical systems.
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On the basis of the general scope indicated or described, the contractor shall provide all that is required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024
2	ADDENDUM #3	06/21/2024
3	ADDENDUM #4	06/26/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

DRAWING TITLE:
STORM PLAN & PROFILE

CERTIFIED BY:
KAREN K. COLLINS REGISTERED No. 10404538 STATE OF INDIANA PROFESSIONAL ENGINEER
Karen Collins

DRAWING NUMBER
C708

PROJECT NUMBER:
2023061

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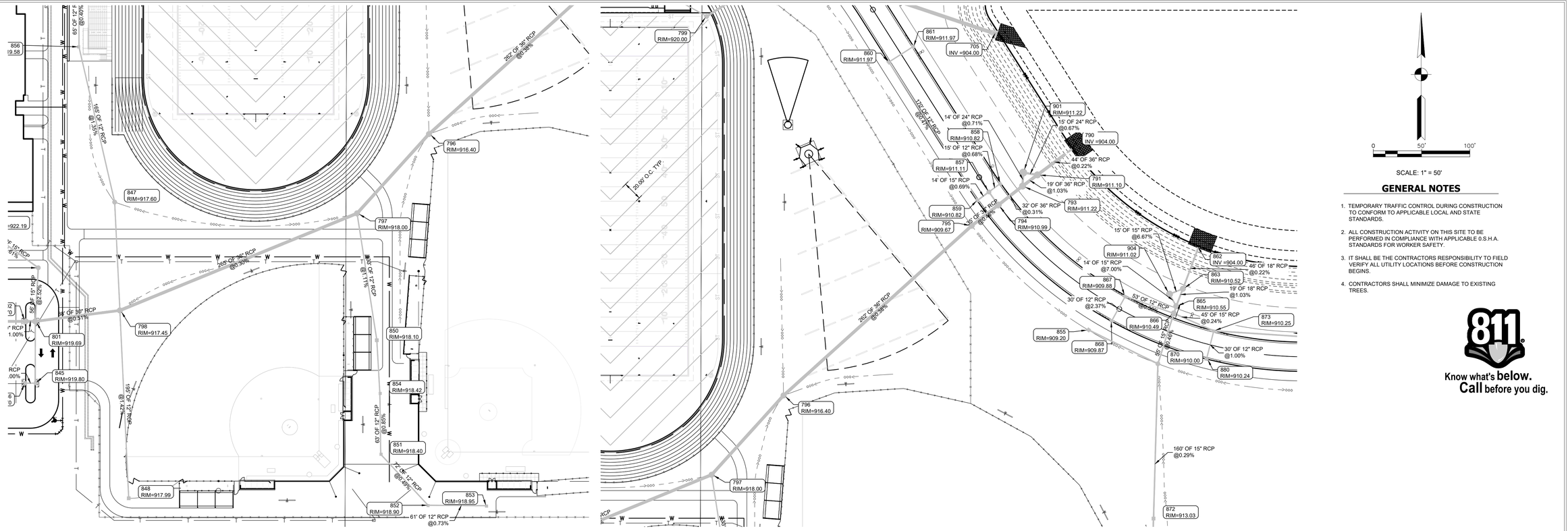
Xrefs: 23093L_BASE TOPO.DWG & 23093L_BASE SITE.DWG & 23093L_L-SB.DWG & 23093L_BLDS LOT.DWG & X-BRX24E.DWG & 23093L_SITE ELECTRIC.DWG & 23093L ARCH BASE.DWG



SCALE: 1" = 50'

GENERAL NOTES

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2. ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS FOR WORKER SAFETY.
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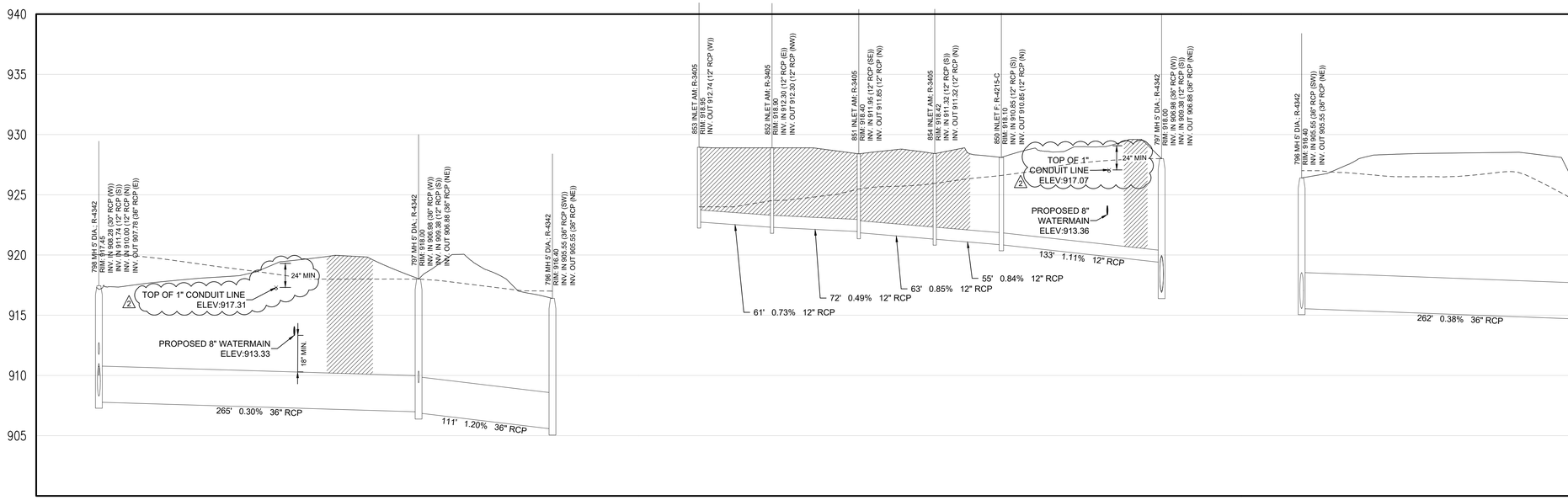
STORM SEWER PLAN



LEGEND		
Existing Grade	New Grade	Granular Backfill

STORM SEWER PROFILE

SCALE: HORZ.: 1" = 50'
VERT.: 1" = 5'

APPROVAL PENDING NOT FOR CONSTRUCTION

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Brett Hite
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email: BHite@csoinc.net
5851 Keystone Crossing, Indianapolis, IN 46240
317.848.7800 | csoinc.net

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Transportation & Site Engineering
Crossing Center Since 1994

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the performance criteria for the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all materials, labor, or incidentals and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the contractor shall provide all that is required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024
2	ADDENDUM #3	06/21/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

DRAWING TITLE:
STORM PLAN & PROFILE

CERTIFIED BY:
KAREN K. COLLINS REGISTERED No. 10404538 STATE OF INDIANA PROFESSIONAL ENGINEER
Karen Collins

DRAWING NUMBER
C709

PROJECT NUMBER:
2023061

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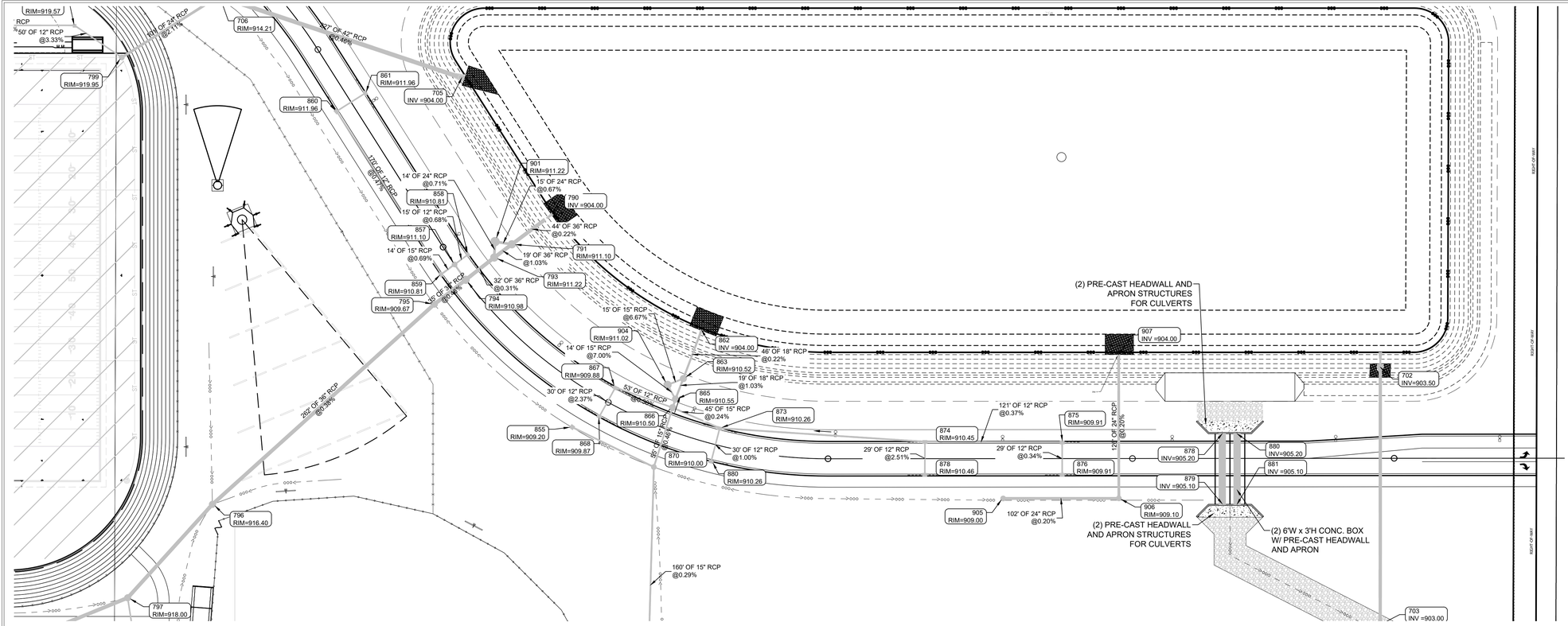
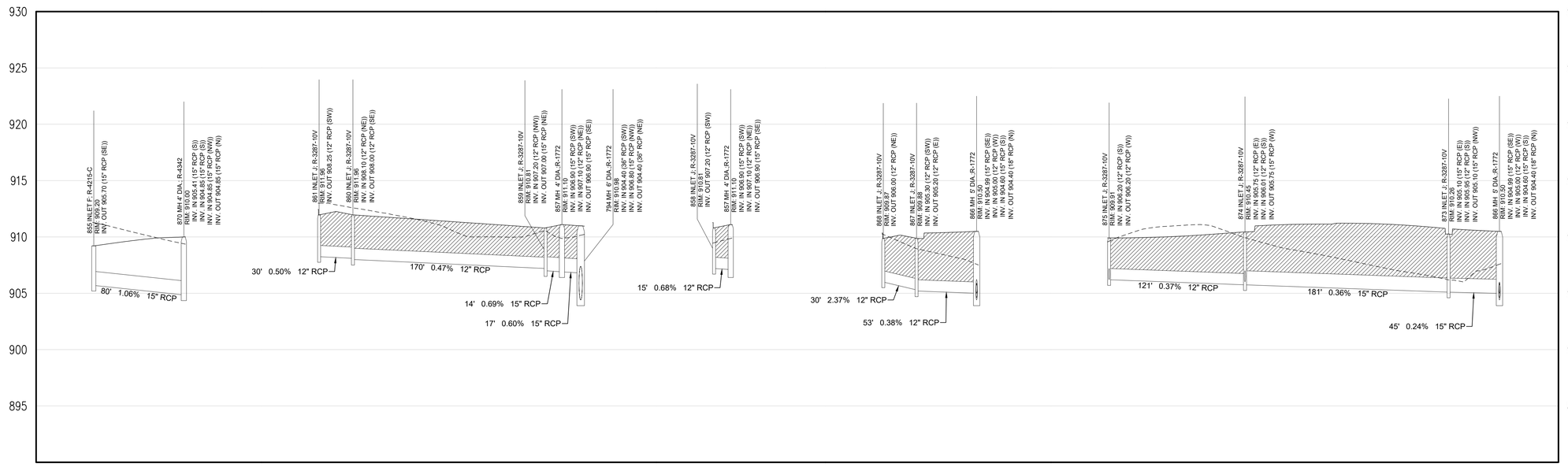
Xrefs: 2309JL BASE TOPO.DWG & 2309JL BASE SITE.DWG & 2309JL_L-SB.DWG & 2309JL_BUS LOT.DWG & X-BX24E.DWG & 2309JL_SITE ELECTRIC.DWG



STORM SEWER PLAN



LEGEND		
Existing Grade	New Grade	Granular Backfill

STORM SEWER PROFILE

SCALE: HORZ.: 1" = 50'
VERT.: 1" = 5'

0 50' 100'

SCALE: 1" = 50'

GENERAL NOTES

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APPROVAL PENDING NOT FOR CONSTRUCTION

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317.848.7800 | csoinc.net
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the performance criteria for the type of structural, mechanical and electrical systems.
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On the basis of the general scope indicated or described, the contractor shall provide all that is required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

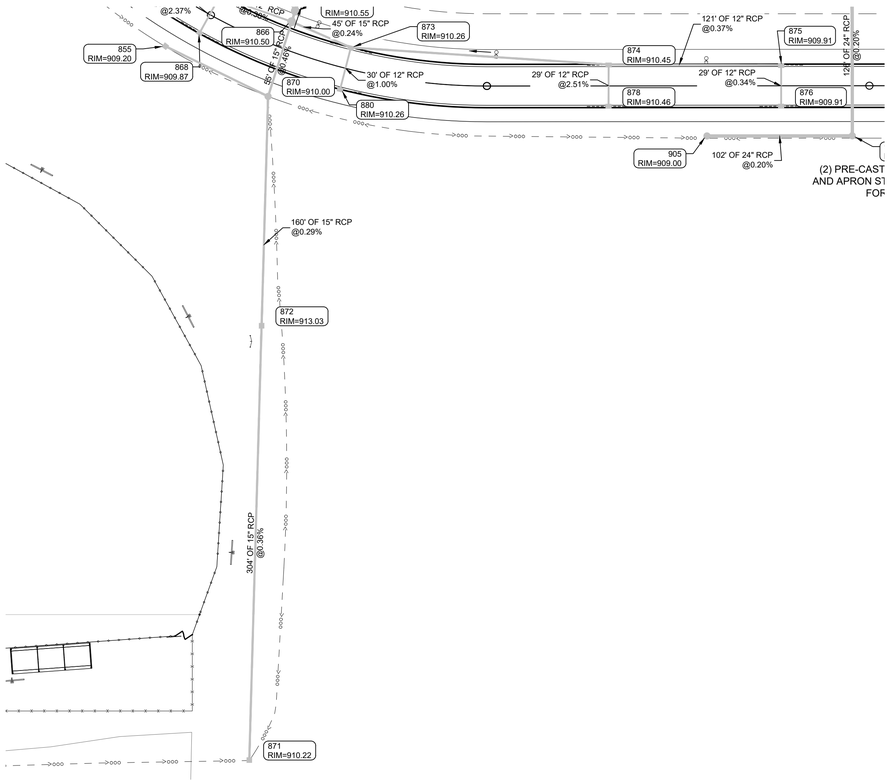
DRAWING TITLE:
STORM PLAN & PROFILE

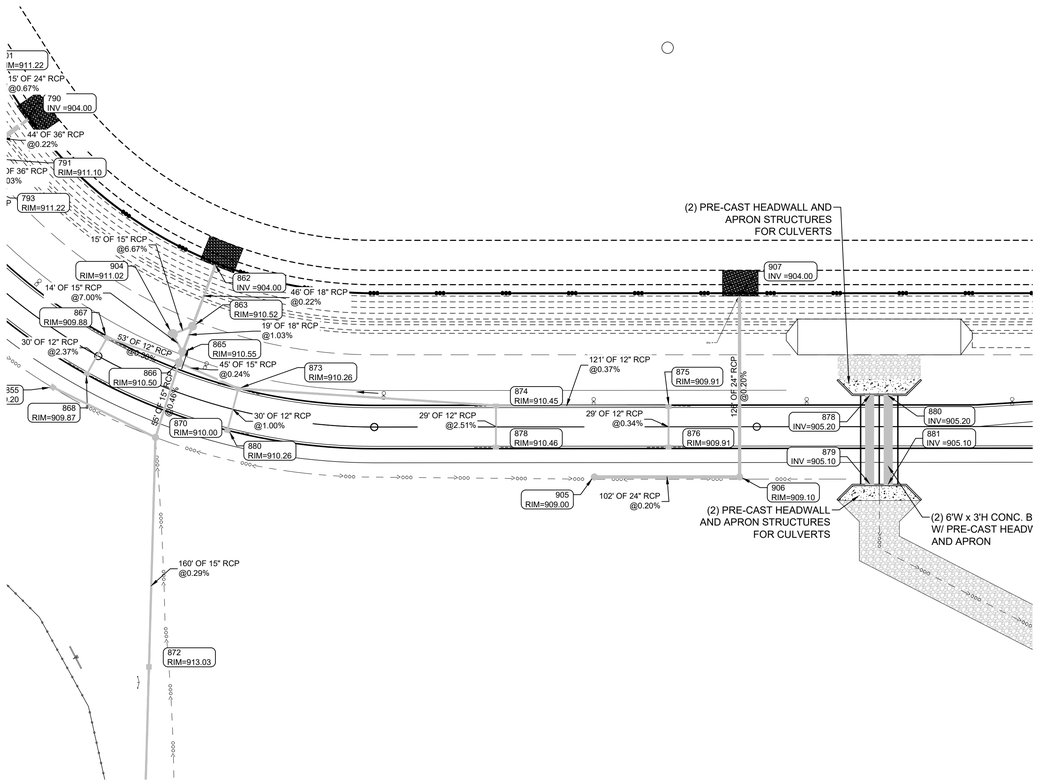
CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER

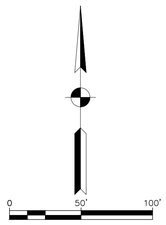
DRAWING NUMBER
C710

PROJECT NUMBER
2023061

Z:\2023\23093L-CONTEXT, NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\C701 STORM P&P.DWG plotted by STEVEN O'ROURKE on 6/13/2024 8:35:30 PM last saved by SOROURKE on 6/13/2024 7:29:06 PM
Xrefs: 23093L BASE TOPO.DWG & 23093L BASE SITE.DWG & 23093L_BUS LOT.DWG & X:\8X24E.DWG & 23093L_SITE ELECTRIC.DWG







SCALE: 1" = 50'

GENERAL NOTES

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4. CONTRACTORS SHALL MINIMIZE DAMAGE TO EXISTING TREES.

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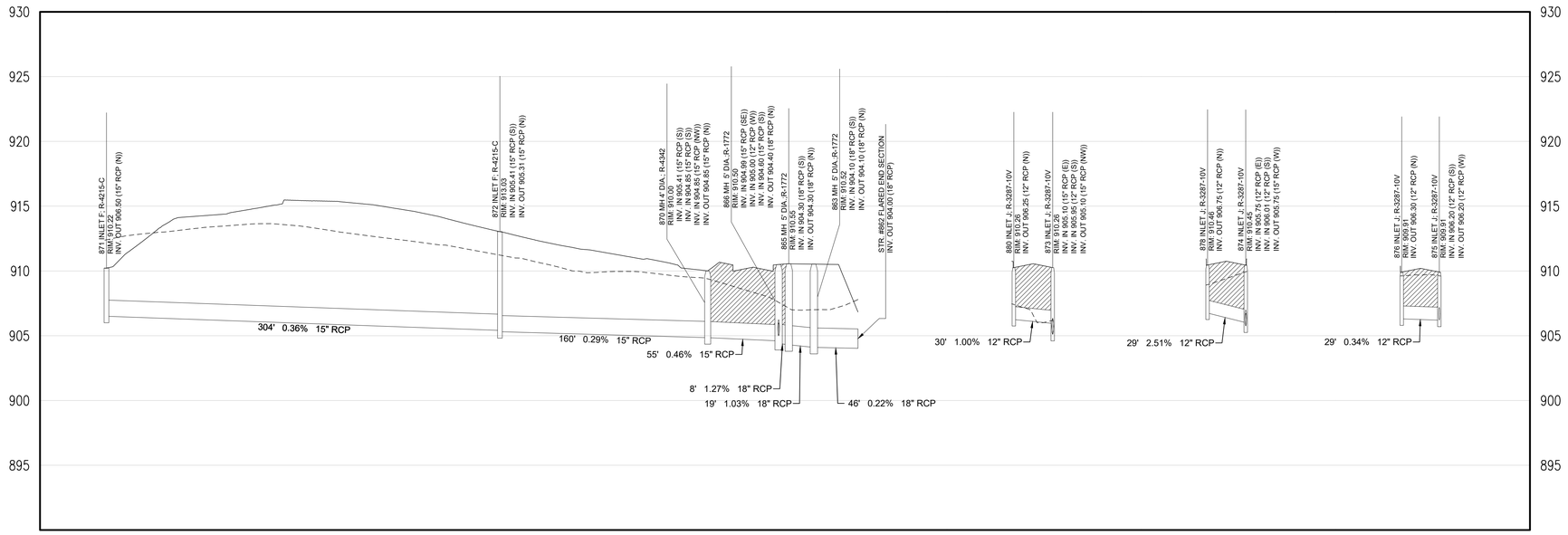
STORM SEWER PLAN



LEGEND		
Existing Grade	New Grade	Granular Backfill

STORM SEWER PROFILE

SCALE: HORZ.: 1" = 50'
VERT.: 1" = 5'

APPROVAL PENDING NOT FOR CONSTRUCTION

SCSO
Brett Hite
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email: BHite@scsoinc.net
8851 Keystone Crossing, Indianapolis, IN 46240
317.848.7800 | csoinc.net

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A&F ENGINEERING
Transportation & Site Engineering
Crossing Center Area Map

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the principal elements, the quality standards and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the intended building operation.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

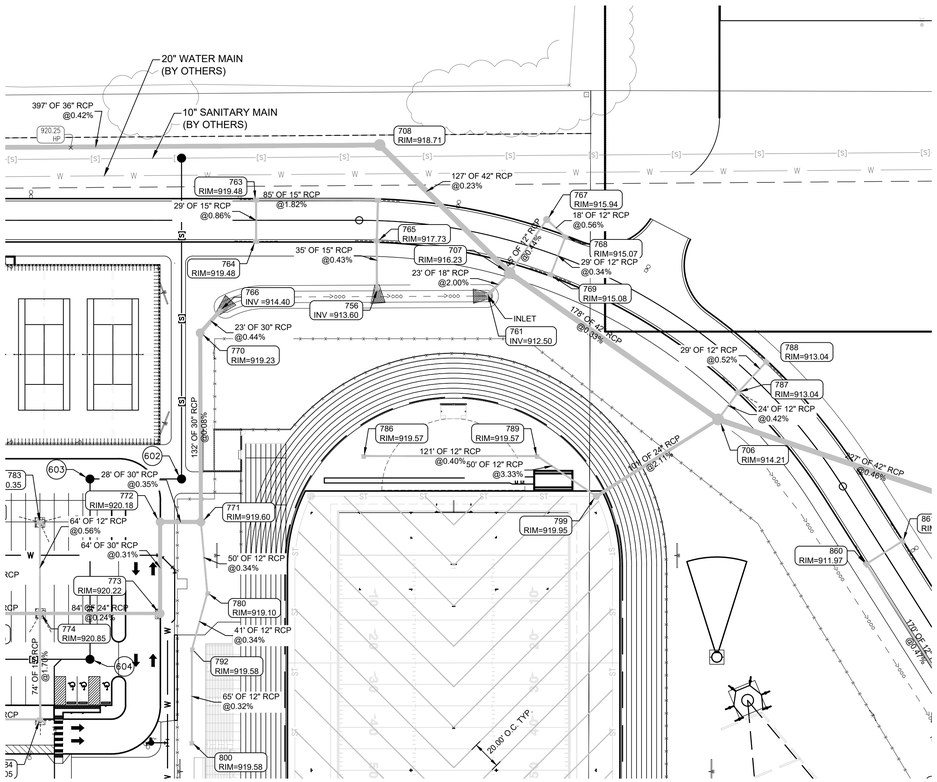
DRAWING TITLE:
STORM PLAN & PROFILE

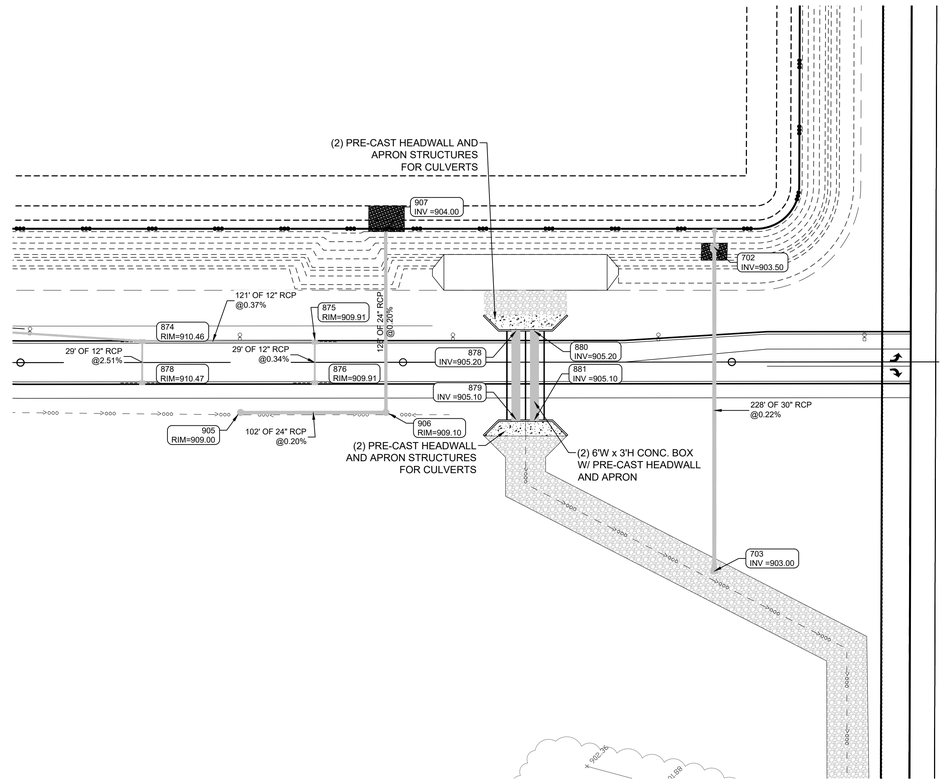
CERTIFIED BY:
KAREN K. COLLINS, REGISTERED No. 10404538 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWING NUMBER
C711

PROJECT NUMBER
2023061

Z:\2023\23093L--CONTEXT, NEW WESTFIELD MIDDLE SCHOOL--WEST\DWGS\C701 STORM P&P.DWG plotted by STEVEN O'ROURKE on 6/13/2024 8:35:39 PM last saved by SOROURKE on 6/13/2024 7:29:06 PM
Xrefs: 23093L BASE TOPO.DWG & 23093L BASE SITE.DWG & 23093L L-SB.DWG & 23093L_BUS LOT.DWG & X36X24E.DWG & 23093L_SITE ELECTRIC.DWG





0 50' 100'

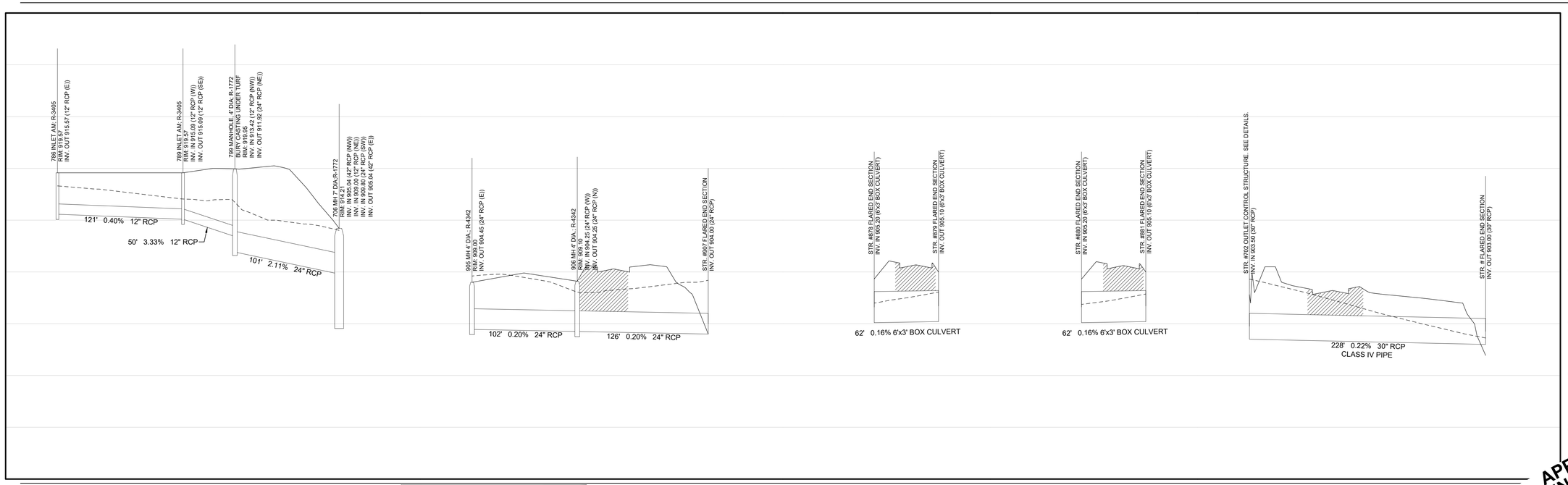
SCALE: 1" = 50'

GENERAL NOTES

1. TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
2. ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS FOR WORKER SAFETY.
3. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS BEFORE CONSTRUCTION BEGINS.
4. CONTRACTORS SHALL MINIMIZE DAMAGE TO EXISTING TREES.

811 Know what's below. Call before you dig.

STORM SEWER PLAN



LEGEND		
Existing Grade	New Grade	Granular Backfill

STORM SEWER PROFILE

SCALE: HORZ.: 1" = 50'
VERT.: 1" = 5'

APPROVAL PENDING NOT FOR CONSTRUCTION

CSO
Brett Hite
work: (317) 848-7800
email: BHite@csoinc.net
9801 Keystone Crossing | Indianapolis, IN 46240
317.848.7800 | csoinc.net

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A&F ENGINEERING
Transportation & Site Engineering
Crossing Carmel Since 1964

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the quality of materials required and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the construction contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

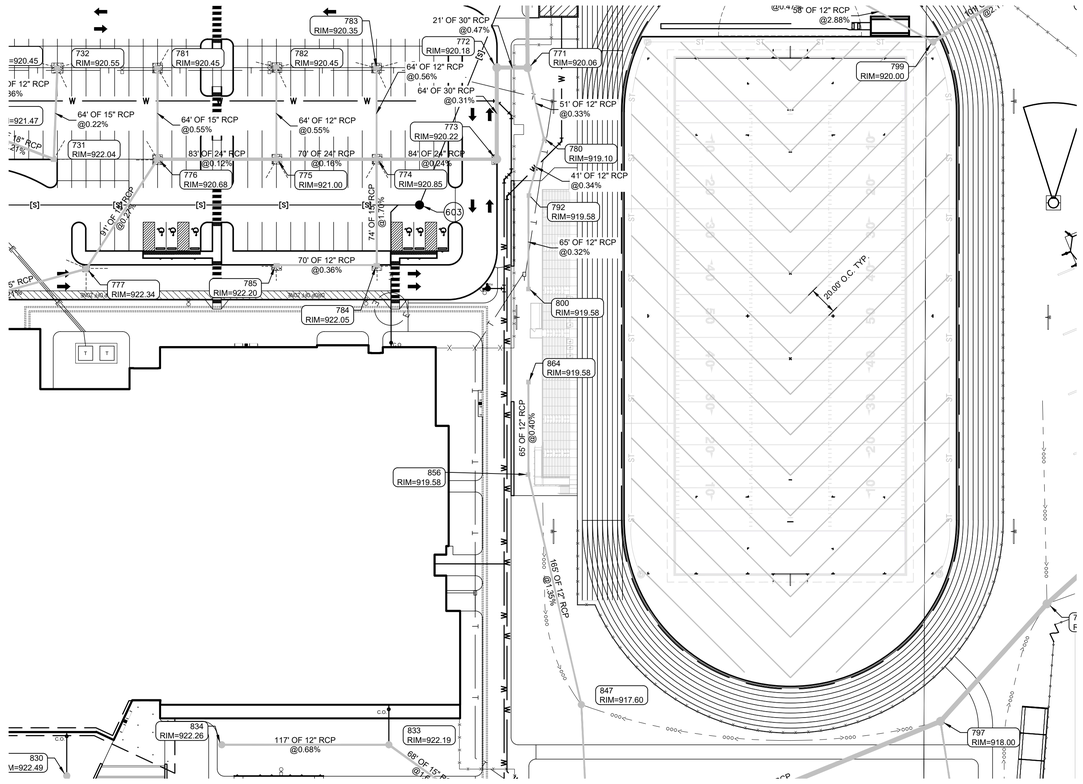
DRAWING TITLE:
STORM PLAN & PROFILE

CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
C712

PROJECT NUMBER
2023061

Z:\2023\23093L--CONTEXT, NEW WESTFIELD MIDDLE SCHOOL--WEST\DWGS\C701 STORM P&P.DWG plotted by STEVEN O'ROURKE on 6/14/2024 4:16:54 PM last saved by SOROURKE on 6/14/2024 1:53:18 PM
Xrefs: 23093L BASE TOPO.DWG & 23093L BASE SITE.DWG & 23093L L-SB.DWG & 23093L_BUS LOT.DWG & X:\8X24E.DWG & 23093L_SITE ELECTRIC.DWG



SCALE:
########

GENERAL NOTES

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2. ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS FOR WORKER SAFETY.
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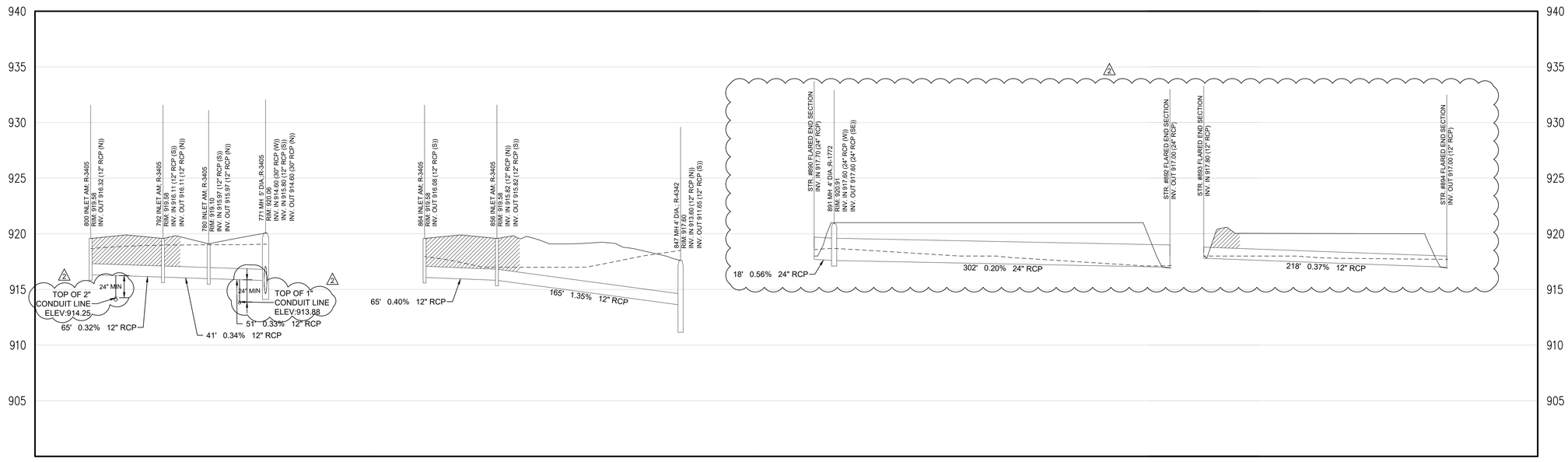
811 Know what's below. Call before you dig.

STORM SEWER PLAN



STORM SEWER PROFILE

LEGEND		
Existing Grade	New Grade	Granular Backfill

SCALE: HORZ.: 1" = 50'
VERT.: 1" = 5'

APPROVAL PENDING NOT FOR CONSTRUCTION

CSO
Brett Hite
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email: BHite@csoinc.net
8831 Keystone Crossing | Indianapolis, IN 46240
317.848.7800 | csoinc.net

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A&F ENGINEERING
Transportation & Site Engineering
Carmel | Fort Wayne | Crown Point

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the quality of materials required and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the contractor's responsibilities.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024
2	ADDENDUM #3	06/21/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

DRAWING TITLE:
STORM PLAN & PROFILE

CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER
Karen Collins

DRAWING NUMBER
C713

PROJECT NUMBER
2023061

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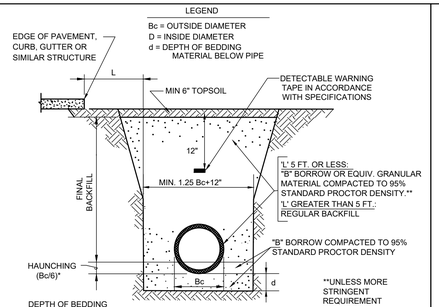
Xrefs: 23093L BASE TOPO.DWG & 23093L BASE SITE.DWG & 23093L L-SB.DWG & 23093L_BUS LOT.DWG & X:\62\24E.DWG & 23093L_SITE ELECTRIC.DWG



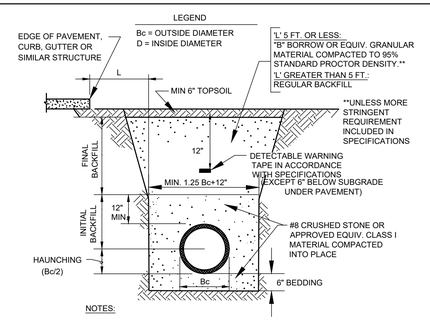
DEPTH OF BEDDING MATERIAL BELOW PIPE

D	d MIN.
12" & 15"	4"
18" TO 60"	Bc/4

NOTES:
1. ALL BEDDING, HAUNCHING, AND INITIAL BACKFILL SHALL BE INSTALLED IN 6" BALANCED LIFTS.
2. A MINIMUM 9" CLEARANCE SHALL BE PROVIDED ON EACH SIDE OF THE INSTALLED PIPE.

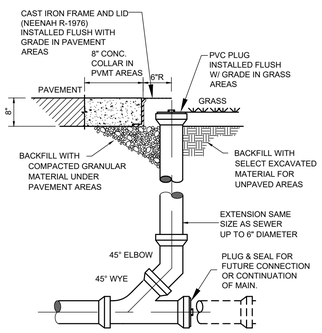
*3. HAUNCHING FOR HORIZONTAL ELLIPTICAL PIPE SHALL BE 0.7Bc.

1 REINFORCED CONCRETE PIPE (RCP) TRENCH DETAIL
SCALE: NONE

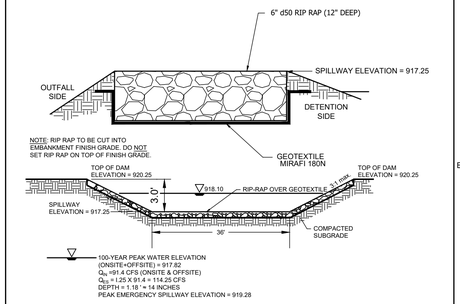


NOTES:
1. ALL BEDDING, HAUNCHING, AND INITIAL BACKFILL SHALL BE INSTALLED IN 6" BALANCED LIFTS.
2. A MINIMUM 9" CLEARANCE SHALL BE PROVIDED ON EACH SIDE OF THE INSTALLED PIPE.
3. FOR R/W CROSSINGS USE FLOWABLE CONCRETE BACKFILL AS REQUIRED BY REGULATORY AGENCIES.

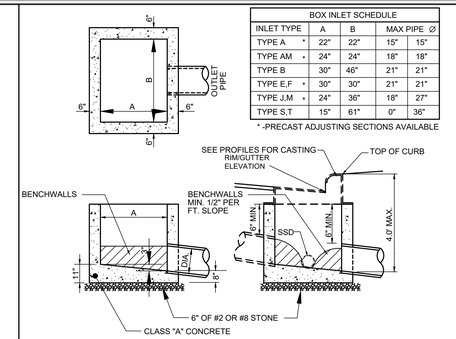
2 PVC AND HDPE TRENCH DETAIL
SCALE: NONE



3 CLEANOUT (IN-LINE)
SCALE: NONE



4 SW DRY DETENTION SECONDARY OUTLET & EMERGENCY SPILLWAY WEIR



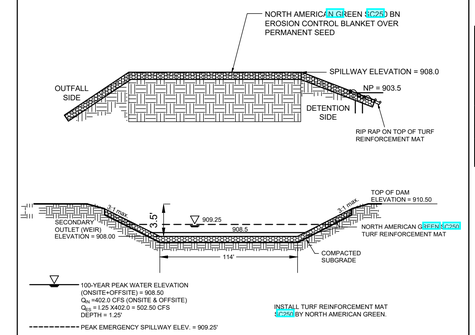
BOX INLET SCHEDULE				
INLET TYPE	A	B	MAX PIPE ∅	
TYPE A *	22"	22"	15"	15"
TYPE AM *	24"	24"	18"	18"
TYPE B	30"	46"	21"	21"
TYPE E,F *	30"	30"	21"	21"
TYPE J,M *	24"	36"	18"	27"
TYPE S,T	15"	61"	0"	36"

* -PRECAST ADJUSTING SECTIONS AVAILABLE

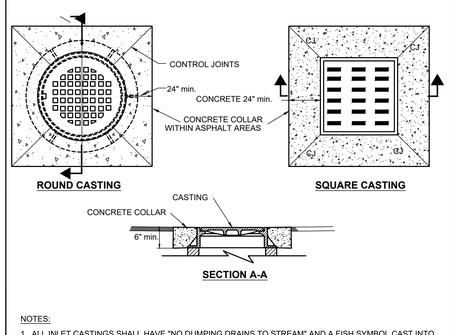
THE MAXIMUM ALLOWABLE DEPTH FOR TYPE A OR TYPE A MODIFIED BOX INLET IS 4' FROM THE CASTING TO THE LOWEST INVERT. WHERE DEPTH IS GREATER THAN 4', A MANHOLE STRUCTURE MUST BE INSTALLED.

BENCHWALLS SHALL FORM A DEFINED CHANNEL TO A MINIMUM HEIGHT OF 80% OF THE INSIDE DIAMETER OF THE INLET AND OUT PIPES.

5 BOX INLET DETAIL

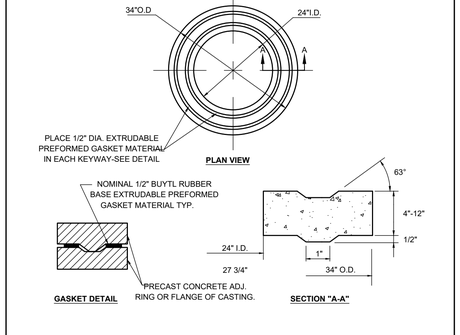


6 REGIONAL WET DETENTION SECONDARY OUTLET WEIR AND EMERGENCY SPILLWAY

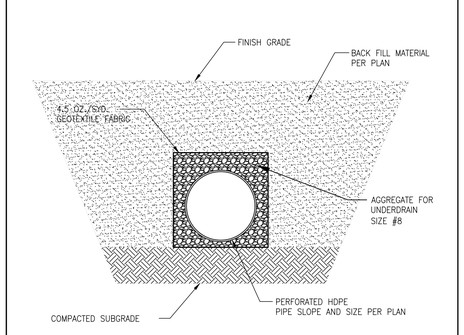


NOTES:
1. ALL INLET CASTINGS SHALL HAVE "NO DUMPING DRAINS TO STREAM" AND A FISH SYMBOL CAST INTO TOP OF CASTING.

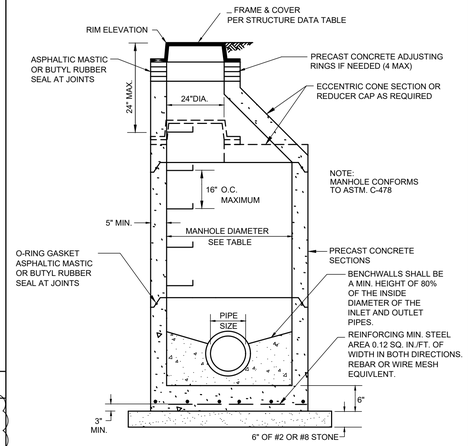
7 CONCRETE COLLAR FOR CASTINGS IN PARKING LOTS
SCALE: NONE



8 PRECAST CONCRETE ADJUSTING RING
SCALE: NONE



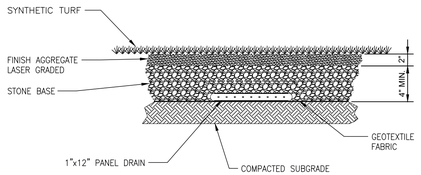
9 FOOTBALL FIELD PERFORATED HDPE INSTALLATION
SCALE: NONE



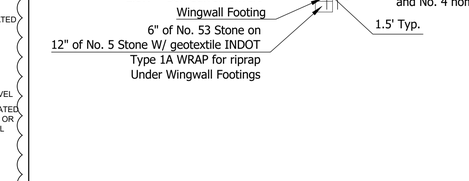
NOTE: MANHOLE STEPS SHALL BE POLYPROPYLENE, POLYPROPYLENE COATED STEEL REINFORCING OR AN APPROVED NON-CORROSIVE FIBERGLASS MATERIAL. THE COPOLYMER POLYPROPYLENE SHALL MEET THE REQUIREMENTS OF ASTM D-4101 REINFORCED WITH DEFORMED 3/8 INCH MINIMUM DIAMETER REINFORCING STEEL CONFORMING TO THE REQUIREMENTS OF ASTM A-615, GRADE 60. NON-COATED CAST IRON STEPS ARE NOT ACCEPTABLE.

PIPE SIZE	MANHOLE DIAMETERS PIPES ENTERING/LEAVING AT	
	0°-45° BEND	45°-90° BEND
8"-21"	48"	48"
24"	48"	60"
27"-30"	60"	60"
33"-36"	60"	72"
PIPE SIZE	PIPE TURNS	MANHOLE DIA.
24"-33"	> THAN 45°-90°	60"
33"-36"	STRAIGHT THRU	60"
42"-48"	UP TO 45°	72"
42"	> THAN 45°-90°	84"
48"	UP TO 45°	84"
48"	> THAN 45°-90°	96"
54"-66"	UP TO 60°	96"

10 PANEL DRAIN INSTALLATION
SCALE: NONE



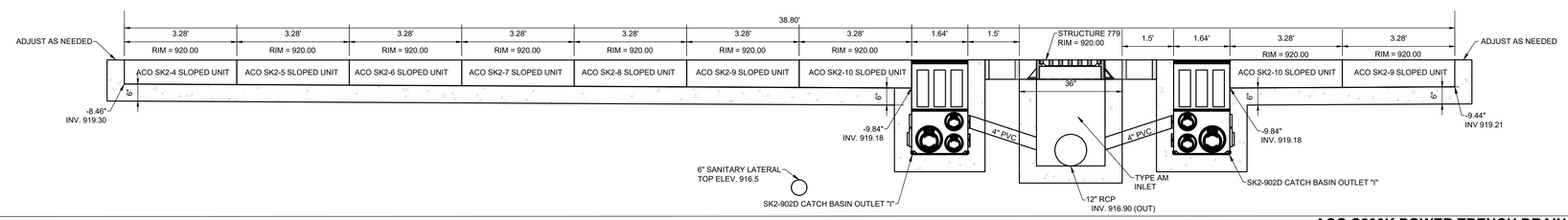
11 SUBSURFACE DRAIN DETAIL



12 BOX CULVERT WINGWALL BACKFILL & SCOUR PROTECTION DETAIL

FOUR(4) 20' L.F. UNDERDRAIN TO BE INSTALLED TO DRAIN TOWARD STRUCTURE'S WITHIN PAVEMENT AT MINIMUM 0.5% SLOPE UNLESS INDICATED OTHERWISE ON PLANS.

13 STANDARD STORM SEWER MANHOLE
SCALE: NONE



14 ACO S200K POWER TRENCH DRAIN DETAIL
SCALE: NONE

APPROVAL PENDING NOT FOR CONSTRUCTION

SCSO
Brett Hite
work: (317) 848-7800
email: BHite@scsoinc.net
8851 Keystone Crossing, Indianapolis, IN 46240
317.848.7800 | csoinc.net

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A&F ENGINEERING
Transportation & Site Engineering
Closing Center Since 1994

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the performance criteria for the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all materials, labor, equipment, performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the contractor shall provide all that is required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024
2	ADDENDUM #3	06/21/2024
3	ADDENDUM #4	06/26/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

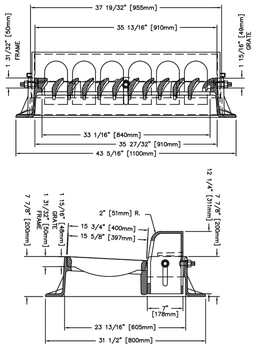
DRAWING TITLE:
SITE DETAILS

CERTIFIED BY:
KAREN K. COLLINS REGISTERED No. 10404538 STATE OF INDIANA PROFESSIONAL ENGINEER
Karen Collins

DRAWING NUMBER
C901

PROJECT NUMBER
2023061

Z:\2023\23093\--CONTXT_NEW WESTFIELD MIDDLE SCHOOL--WEST\DWGS\C901 SITE DETAILS.DWG plotted by STEVEN O'ROURKE on 6/26/2024 4:12:19 PM last saved by SOROURKE on 6/26/2024 4:06:57 PM
Xrefs: X36X24E.DWG & XC-B STD CCW PCS ACAD.DWG & XC-3 STD CCW PCS ACAD.DWG



NEENAH	R-3287-10V
EAST JORDAN	7505 M1 & T2

* OR APROVED BY WESTFIELD PUBLIC WORKS DEPARTMENT

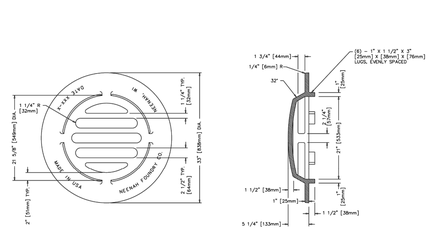
** STORM SEWER CASTINGS MANHOLE COVERS, BEEHIVE INLETS, CURB INLETS OR OTHER APPROVED CASTING SHALL HAVE THE FOLLOWING PHRASES CAST IN RECESSED LETTERS TWO (2) INCHES IN HEIGHT:
- A. "STORM SEWER"
- B. "DRAINS TO RIVER" OR "DRAINS TO WATERWAY"
- C. "DUMP NO WASTE"
- D. OTHER PHRASES SHALL REQUIRE APPROVAL OF THE WESTFIELD PUBLIC WORKS DEPARTMENT.

CHAIR BACK CURB INLET CASTING

CITY OF WESTFIELD, INDIANA

4/1/13 DATE

FIGURE ST-8



NEENAH	R-4342
EAST JORDAN	6489
USF	5695

* OR APROVED BY WESTFIELD PUBLIC WORKS DEPARTMENT

** STORM SEWER CASTINGS MANHOLE COVERS, BEEHIVE INLETS, CURB INLETS OR OTHER APPROVED CASTING SHALL HAVE THE FOLLOWING PHRASES CAST IN RECESSED LETTERS TWO (2) INCHES IN HEIGHT:
- A. "STORM SEWER"
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- C. "DUMP NO WASTE"
- D. OTHER PHRASES SHALL REQUIRE APPROVAL OF THE WESTFIELD PUBLIC WORKS DEPARTMENT.

NOTES:

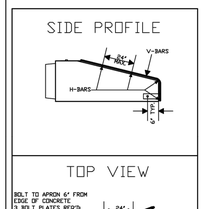
FOR NEENAH R-4342:
FREE OPEN AREA = 278 SQ. IN.
WEIGHT = 196#

BEEHIVE INLET CASTING

CITY OF WESTFIELD, INDIANA

2/26/16 DATE

FIGURE ST-10



Apron	V-bar	No. of	H-bar	Bolt	"A"
Size	Size	H-bars	Size	Dia.	Dim.
Inches	Inches	Req'd	Inches	Inches	Inches
Arch pipe aprons					
18	1/2	3	5/8	1/2	5
24	5/8	4	3/4	1/2	7
30	5/8	4	3/4	1/2	7 1/2
36	3/4	4	1	1/2	10 1/2
42	3/4	4	1	3/4	11
48	3/4	4	1 ½ pipe	3/4	12
54	3/4	4	1 ½ pipe	3/4	12
60	3/4	5	1 ½ pipe	3/4	14
72	3/4	5	1 ½ pipe	3/4	14
84	3/4	6	1 ½ pipe	3/4	15
Round pipe aprons					
12	1/2	3	5/8	1/2	4
15	1/2	3	5/8	1/2	4 1/2
18	1/2	4	5/8	1/2	4 1/2
21	1/2	4	5/8	1/2	5
24	5/8	4	3/4	1/2	5
27	5/8	4	3/4	1/2	5 1/2
30	5/8	4	3/4	1/2	5 1/2
36	3/4	4	1	3/4	8
42	3/4	4	1	3/4	8
48	3/4	5	1	3/4	8
54	3/4	5	1 ½ pipe	3/4	8
60	3/4	5	1 ½ pipe	3/4	8
66	3/4	6	1 ½ pipe	3/4	8
72	3/4	6	1 ½ pipe	3/4	9
84	3/4	7	1 ½ pipe	3/4	10
90	3/4	7	1 ½ pipe	3/4	14

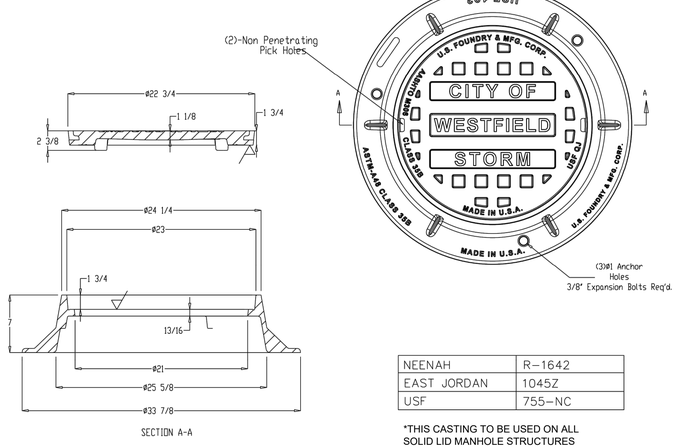
NOTES:
1. BARS & PLATES ARE HOT-ROLLED STEEL.
2. BARS, PLATES, & PIPIE ARE FINISHED WITH 2 COATS OF ALUMINUM PAINT.
3. BOLTS ARE GALVINIZED
4. NO REBAR THROUGH PIPES WILL BE ALLOWED
5. DEBRIS GUARD SHALL BE REMOVABLE

DEBRIS GUARD

CITY OF WESTFIELD, INDIANA

4/1/13 DATE

FIGURE ST-29



SECTION A-A

NEENAH	R-1642
EAST JORDAN	1045Z
USF	755-NC

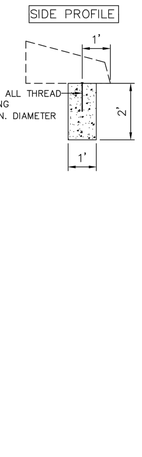
*THIS CASTING TO BE USED ON ALL SOLID LID MANHOLE STRUCTURES

MANHOLE SOLID LID CASTING DETAIL

CITY OF WESTFIELD INDIANA

2/26/16 DATE

FIGURE ST-07



X = WIDTH OF END SECTION

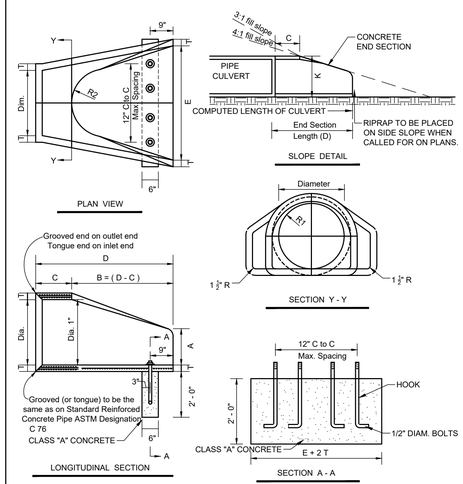
ALLTHREAD SPACING TO BE TWO PER FOOT
EX: 12" END SECTION = 2 ALLTHREAD
24" END SECTION = 4 ALLTHREAD

ANCHOR FOR CONCRETE END SECTIONS

CITY OF WESTFIELD, INDIANA

4/1/13 DATE

FIGURE ST-30



NOTES:
1. MANUFACTURE OF END SECTION SHALL BE IN ACCORDANCE WITH ASTM C76.
2. CONCRETE PIPE TOE ANCHORS SHALL BE REQUIRED ON ALL CONCRETE PIPE END SECTIONS.

DIA.	T (min.)	A x	C x	D x	E x	K	R1	R2	Approx. Weight
12"	2"	5"	4'-3"	6'-2"	2'-0"	1.3	10 1/8"	9"	800
15"	2 1/4"	7"	4'-0"	6'-3"	2'-6"	1.5	12 1/2"	11"	1100
18"	2 1/2"	11"	4'-1"	6'-2"	3'-0"	1.8	15 1/2"	12"	1300
21"	2 3/4"	11"	3'-6"	6'-3"	3'-6"	2.1	16 1/8"	13"	1500
24"	3"	1'-0"	2'-8"	6'-3"	4'-0"	2.3	16 3/16"	14"	1800
27"	3 1/4"	1'-1"	2'-5"	6'-3"	4'-6"	2.6	18 9/16"	14 1/2"	2100
30"	3 1/2"	1'-2"	1'-10"	6'-3"	5'-0"	2.9	18 1/2"	15"	2400
33"	3 3/4"	1'-3"	3'-6"	8'-3"	5'-6"	3.1	23 3/4"	17 1/2"	4100
36"	4"	1'-5"	3'-1"	8'-3"	6'-0"	3.4	24 5/16"	20"	4200
42"	4 1/2"	1'-9"	2'-11	8'-3"	6'-6"	4.2	27 1/4"	22"	5380
48"	5"	2'	2'-2"	8'-3"	7'	4.8	28 1/8"	22"	6550
x Tolerance ± 1"									

ST-4 **PRECAST CONCRETE END SECTION** SCALE: NONE

APPROVAL PENDING NOT FOR CONSTRUCTION

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A&F ENGINEERING
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. They are not intended to completely and accurately describe all work required for full performance and completion of the requirements of the Contract.
The Trade Contractors shall furnish all work required or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

DRAWING TITLE:
SITE DETAILS

CERTIFIED BY:
KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER

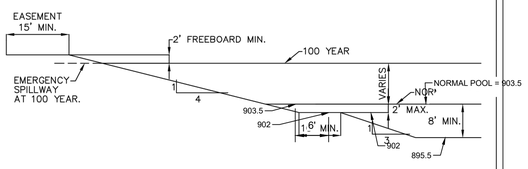
DRAWING NUMBER
C902

PROJECT NUMBER:
2023061

Z:\2023\23093L-CONTEXT, NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\CAD\ SITE DETAILS.DWG plotted by STEVEN O'ROURKE on 6/14/2024 4:18:50 PM last saved by SOROURKE on 6/14/2024 3:18:44 PM
Xrefs: X:86X24E.DWG & XC-8 STD CCW PICS ACAD.DWG & XC-3 STD CCW PICS ACAD.DWG

NOTES:

1. INSTALL A 2-FT THICK COMPACTED CLAY LINER ON ALL POND BANKS AND BOTTOM. COMPACT TO 90% MODIFIED PROCTOR ASTM D-1557.
2. CLAY LINER MUST BE INSTALLED, COMPACTED AND APPROVED BEFORE ALLOWING SEDIMENT TO ENTER BASIN THROUGH PIPE SYSTEM.
3. CARE MUST BE TAKEN TO PROTECT CLAY LINER WHEN REMOVING COLLECTED SEDIMENT AFTER COMPLETION OF CONSTRUCTION.



USE OUTLET OPTION 2 (SEE FIGURE ST-27)

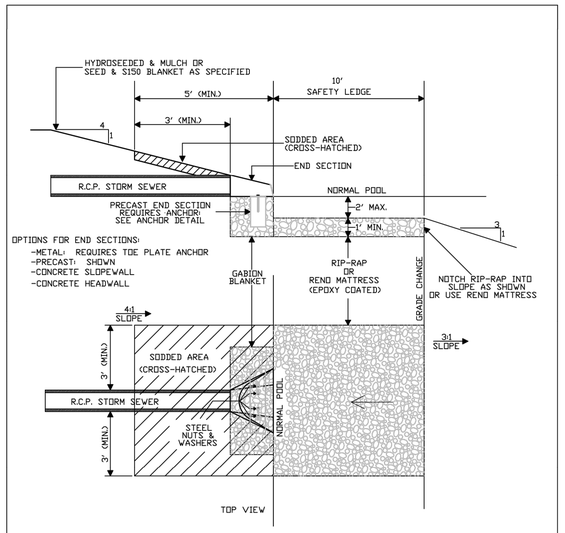
LAKE CROSS SECTIONS: OPTION 2

CITY OF WESTFIELD, INDIANA

NEIL B. VANTREES REGISTERED No. 10809092 STATE OF INDIANA PROFESSIONAL ENGINEER

4/1/13 DATE

FIGURE ST-24



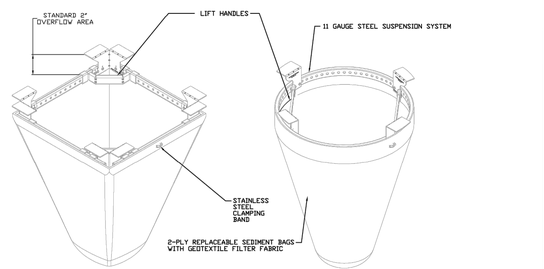
LAKE OUTLET DETAIL
FOR LAKE CROSS-SECTION OPTION 2

CITY OF WESTFIELD, INDIANA

NEIL B. VANTREES REGISTERED No. 10809092 STATE OF INDIANA PROFESSIONAL ENGINEER

4/1/13 DATE

FIGURE ST-27

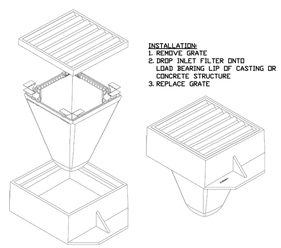


TYPICAL FLAT/RECTANGULAR/ROLLED CURB INLET FILTER

TYPICAL ROUND INLET FILTER

IPP *FLEXstorm* Inlet Filter Specifications

Material Property	*Test Method*	*Value (min ave)*	
> Inner Filter Bag Specs (2 ft² min vol)		Non-Woven	Woven Mono
Grab Tensile	ASTM D 4632	100 lbs	200 lbs
Puncture Strength	ASTM D 4833	65 lbs.	90 lbs
Trapezoidal Tear	ASTM D 4533	45 lbs.	75 lbs
UV Resistance	ASTM D 4355	70% at 500 hrs	90%
App Open Size (AOS)	ASTM D 4751	70 sieve (.212 mm)	40 sieve (.425 mm)
Permittivity	ASTM D 4491	2.0 /sec	2.1/sec
Water Flow Rate	ASTM D 4491	145 gpm/sqft	145 gpm/sqft
> Polyester Outer Reinforcement Bag Specifications			
Weight	ASTM D 3776	4.55 oz/sqyd +/- 15%	
Thickness	ASTM D 1777	.040 +/- .005	
> Frame Construction			
A36 Structural Steel; 11 Guage; Zinc Plated	ASTM A 576	*Tensile Strength > 58,000 psi; Yield Strength > 36,000 psi*	



INSTALLATION:
1. REMOVE GRATE
2. DROP INLET FILTER INTO LOAD BEARING LIP OF CASTING OR CONCRETE STRUCTURE
3. REPLACE GRATE

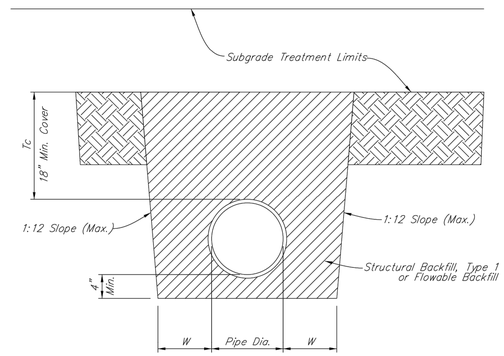
INLET PROTECTION

CITY OF WESTFIELD, INDIANA

NEIL B. VANTREES REGISTERED No. 10809092 STATE OF INDIANA PROFESSIONAL ENGINEER

4/1/13 DATE

FIGURE EC-6



NOTES:
W = 0.3 x Pipe Diamter or 9" Min.
Tc = Structural Backfill Shall Extend to Bottom of Subgrade Treatment Limits, 18" Min.
All Backfill Shall Be In Accordance with INDOTSS 715.
Compaction Shall Be In Accordance with INDOTSS 211.
For Non-Pavement Applications, Min. Structural Backfill Over Pipe Shall Be 6". The Remaining Portion of Backfill May Be Non-Structural In Accordance with Westfield Standards and Specifications 0222-2.28.

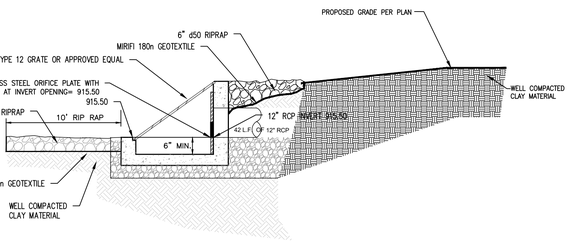
UTILITY BACKFILL DETAILS

CITY OF WESTFIELD, INDIANA

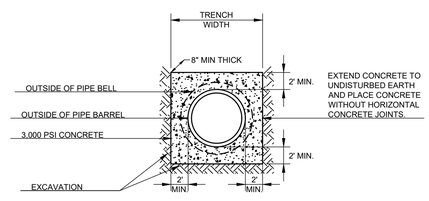
PHILIP A. SUNDBERG REGISTERED No. 11300022 STATE OF INDIANA PROFESSIONAL ENGINEER

2/10/17 DATE

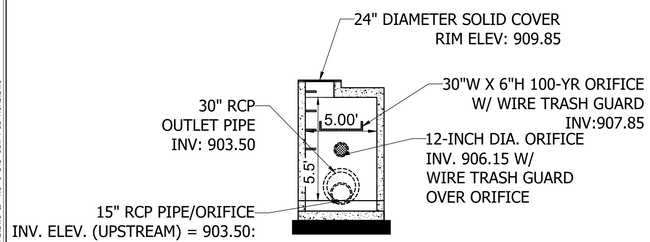
FIGURE 2222-001

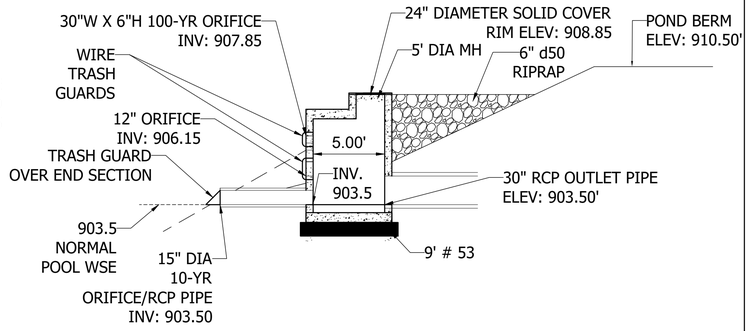


13 SW DRY DETENTION BASIN OUTLET STRUCTURE DETAIL
SCALE: NONE

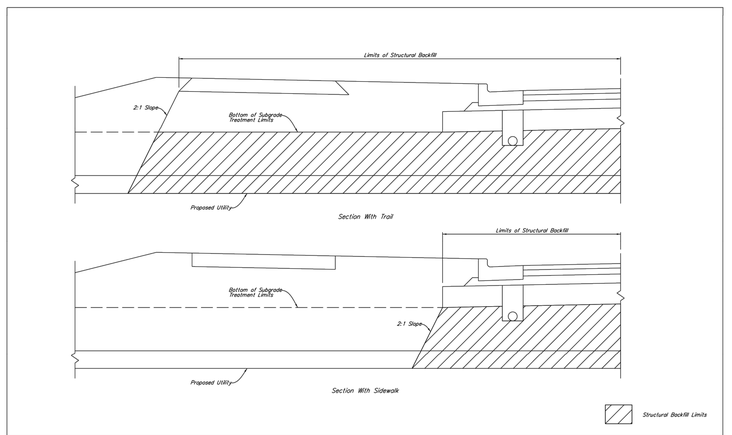


14 ANTI-SEEP COLLAR
SCALE: NONE





8 WET RETENTION POND OUTLET STRUCTURE



UTILITY BACKFILL LIMITS

CITY OF WESTFIELD, INDIANA

PHILIP A. SUNDBERG REGISTERED No. 11300022 STATE OF INDIANA PROFESSIONAL ENGINEER

2/29/16 DATE

FIGURE 2222-002

APPROVAL PENDING NOT FOR CONSTRUCTION

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A&F ENGINEERING
Transportation & Site Engineering
Crossing Center Area Map

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the quality of materials required and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the contractors' obligations.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024
2	ADDENDUM #3	06/21/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

DRAWING TITLE:
SITE DETAILS

CERTIFIED BY:
KAREN K. COLLINS REGISTERED No. 10404538 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWING NUMBER
C903

PROJECT NUMBER
2023061

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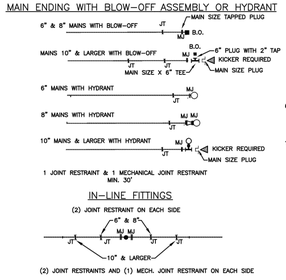
Xrefs: X36X24E.DWG & XC-B STD CCW PICS ACAD.DWG & XC-3 STD CCW PICS ACAD.DWG

CITIZENS WATER
STANDARD PRACTICE O

REVISION DATE: 3/20/2014 ISSUE DATE: 6/8/2009

INSTALLATION OF RESTRAINTS

MAIN ENDING WITH BLOW-OFF ASSEMBLY OR HYDRANT



IN-LINE FITTINGS

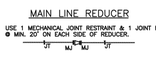
BEND RESTRAINT

1. ALL BENDS REQUIRE RESTRAINERS.
2. ALL BENDS ARE DUCTILE IRON AND REQUIRE (1) MECHANICAL JOINT RESTRAINT ON EACH SIDE OF THE FITTING.
3. 22 1/2° BENDS REQUIRE ONLY MECHANICAL JOINT RESTRAINTS AND 45° BENDS REQUIRE MECHANICAL JOINT RESTRAINTS AND A SET OF JOINT RESTRAINTS 40' EACH SIDE OF THE FITTING.
4. THRUST BLOCK REQUIRED ON ALL 45° & 90° BENDS.

MAIN LINE REDUCER

6" & 8": USE 1 MECHANICAL JOINT RESTRAINT & 1 JOINT RESTRAINER @ MIN. 20' ON EACH SIDE OF REDUCER.

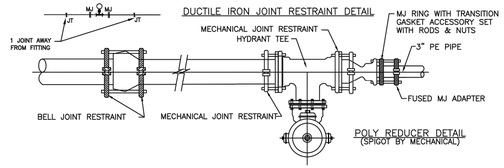
10" & LARGER: USE 2 JOINT RESTRAINERS ON THE LARGER SIDE @ MIN. 20' ON THE SMALL SIDE @ MIN. 20'.



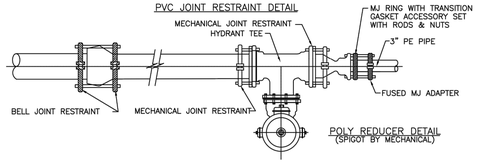
FITTING RESTRAINT WITH PE PIPE



DUCTILE IRON JOINT RESTRAINT DETAIL



PVC JOINT RESTRAINT DETAIL

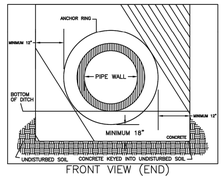


CITIZENS WATER
STANDARD PRACTICE U

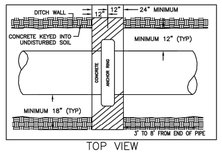
REVISION DATE: 10/03/2019 ISSUE DATE: 12/31/2019

MINIMUM REQUIREMENTS FOR WATER STOP INSTALLATION

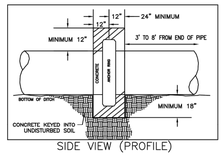
WATER STOP WILL BE FUSED INLINE INTO P.E. PIPE.
CONCRETE WILL NOT BE CLOSER THAN 3 FEET AND NO FURTHER THAN 8 FEET TO THE END OF PIPE THAT TRANSITIONS TO THE MECHANICAL JOINT OR PUSH ON JOINT PIPE.
CONCRETE IS TO BE POURED OVER THE ANCHOR RING IN A MANNER TO KEY INTO UNDISTURBED SOIL NO LESS THAN 18 INCHES BELOW BOTTOM OF DITCH AND WILL EXTEND A MINIMUM OF 6" BEYOND THE WIDTH OF THE DITCH ON EACH SIDE.
WATER STOPS ARE REQUIRED WHEN THERE IS A TRANSITION TO DISSIMILAR MATERIALS REGARDLESS OF LENGTH OF POLY MATERIAL.
CONCRETE SHOULD EXTEND NO LESS THAN 12 INCHES TO EACH SIDE AND ABOVE THE PIPE.
POURED IN PLACE CONCRETE SHALL HAVE A 28 DAY STRENGTH OF 3,000 P.S.I., 2 IN. TO 4 IN. SLUMP AND INCLUDE WIRE MESH FOR REINFORCEMENT.
1 1/2 IN. TO 2 IN P.E. PIPE MINIMUM ONE 80 LB. BAG OF QUICK SET CONCRETE AROUND ANCHOR RING.
3 TO 6 IN. P.E. PIPE MINIMUM 1/2 YARD CONCRETE INSTALLED AROUND ANCHOR RING OF WATER STOP.
8 TO 12 IN. P.E. PIPE MINIMUM 1 YARD OF CONCRETE INSTALLED AROUND ANCHOR RING OF WATER STOP.
16 TO 20 IN. P.E. PIPE MINIMUM 2 YARDS OF CONCRETE INSTALLED AROUND ANCHOR RING OF WATER STOP.
24 TO 30 IN. P.E. PIPE MINIMUM 3 YARDS OF CONCRETE INSTALLED AROUND ANCHOR RING OF WATER STOP.
36 IN. P.E. PIPE MINIMUM 4 FOUR YARDS OF CONCRETE INSTALLED AROUND ANCHOR RING OF WATER STOP.



FRONT VIEW (END)



TOP VIEW



SIDE VIEW (PROFILE)

NOTE:

THIS WATER STOP SERVES TO RESTRAIN AN ANCHOR AGAINST THERMAL EXPANSION AND CONTRACTION. IT IS DESIGNED TO HOLD THE PIPE IN PLACE BY TRANSFERRING THE THERMAL FORCE FROM THE PIPE TO THE SOIL VIA A LARGE AREA OF REINFORCED CONCRETE. CONTRACTOR/DEVELOPER SHALL CONFIRM THE SOIL BEARING LOAD AREA, AS WELL AS THE THICKNESS AND STRENGTH OF THE CONCRETE ARE SUFFICIENT PER THE MINIMUM REQUIREMENTS ABOVE.

APPROVAL PENDING NOT FOR CONSTRUCTION

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A&F ENGINEERING
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Closing Center Since 1994

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

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On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

DRAWING TITLE:
SITE DETAILS

CERTIFIED BY:

KAREN K. COLLINS
REGISTERED
No. 10404538
STATE OF INDIANA
PROFESSIONAL ENGINEER

Karen Collins

DRAWING NUMBER
C904

PROJECT NUMBER
2023061

Z:\2023\23093--CONTEXT, NEW WESTFIELD MIDDLE SCHOOL--WEST\DWGS\C901 SITE DETAILS.DWG plotted by STEVEN O'ROURKE on 6/14/2024 4:18:55 PM last saved by SOROURKE on 6/14/2024 3:18:44 PM
Xrefs: X36X24E.DWG & XC-B STD CCW PKS ACAD.DWG & XC-3 STD CCW PKS ACAD.DWG

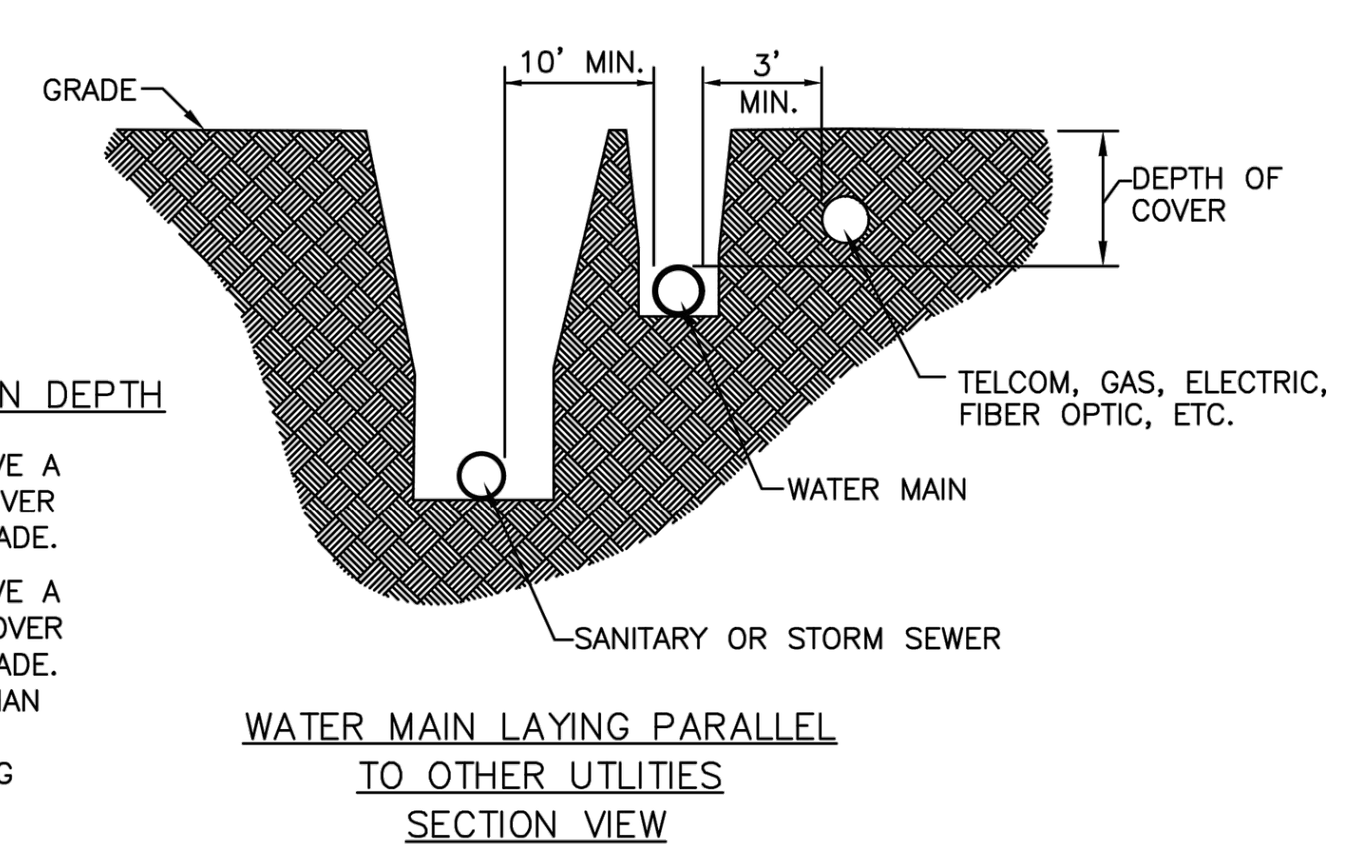
CITIZENS WATER
STANDARD PRACTICE — A
REVISION DATE: 09/29/2021 ISSUE DATE: 6/8/2009

WATER MAIN SEPARATION FROM OTHER UTILITIES

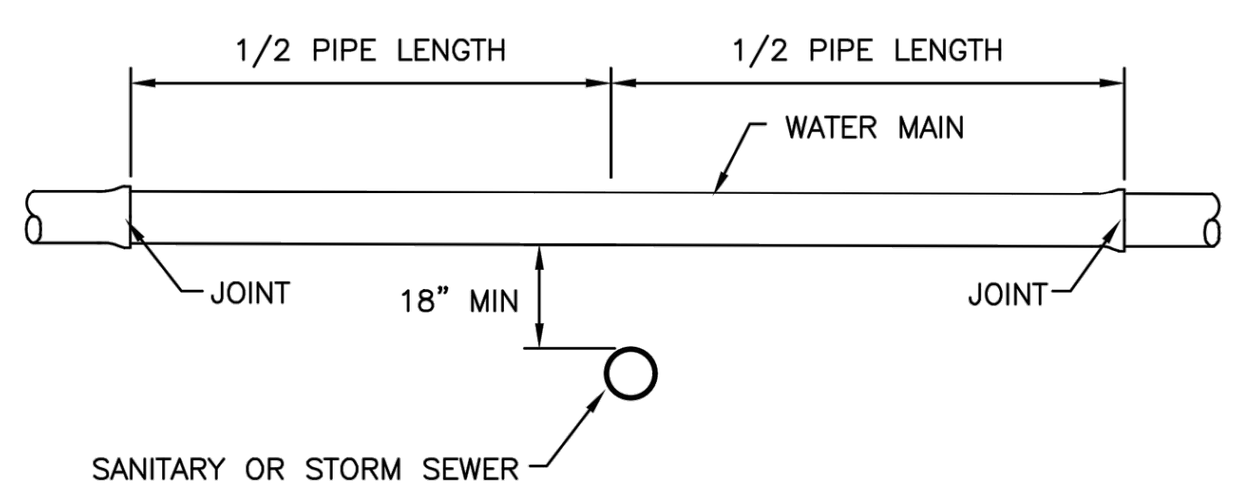
NOTE:
WATER MAIN AND SANITARY SEWERS SHALL BE PLACED IN SEPARATE TRENCHES.

TYPICAL WATER MAIN DEPTH

1. ALL PIPE SHALL HAVE A MINIMUM OF 54" COVER BELOW FINISHED GRADE.
2. ALL PIPE SHALL HAVE A MAXIMUM OF 82" COVER BELOW FINISHED GRADE. DEPTHS GREATER THAN 82" COVER WILL REQUIRE A LOWERING



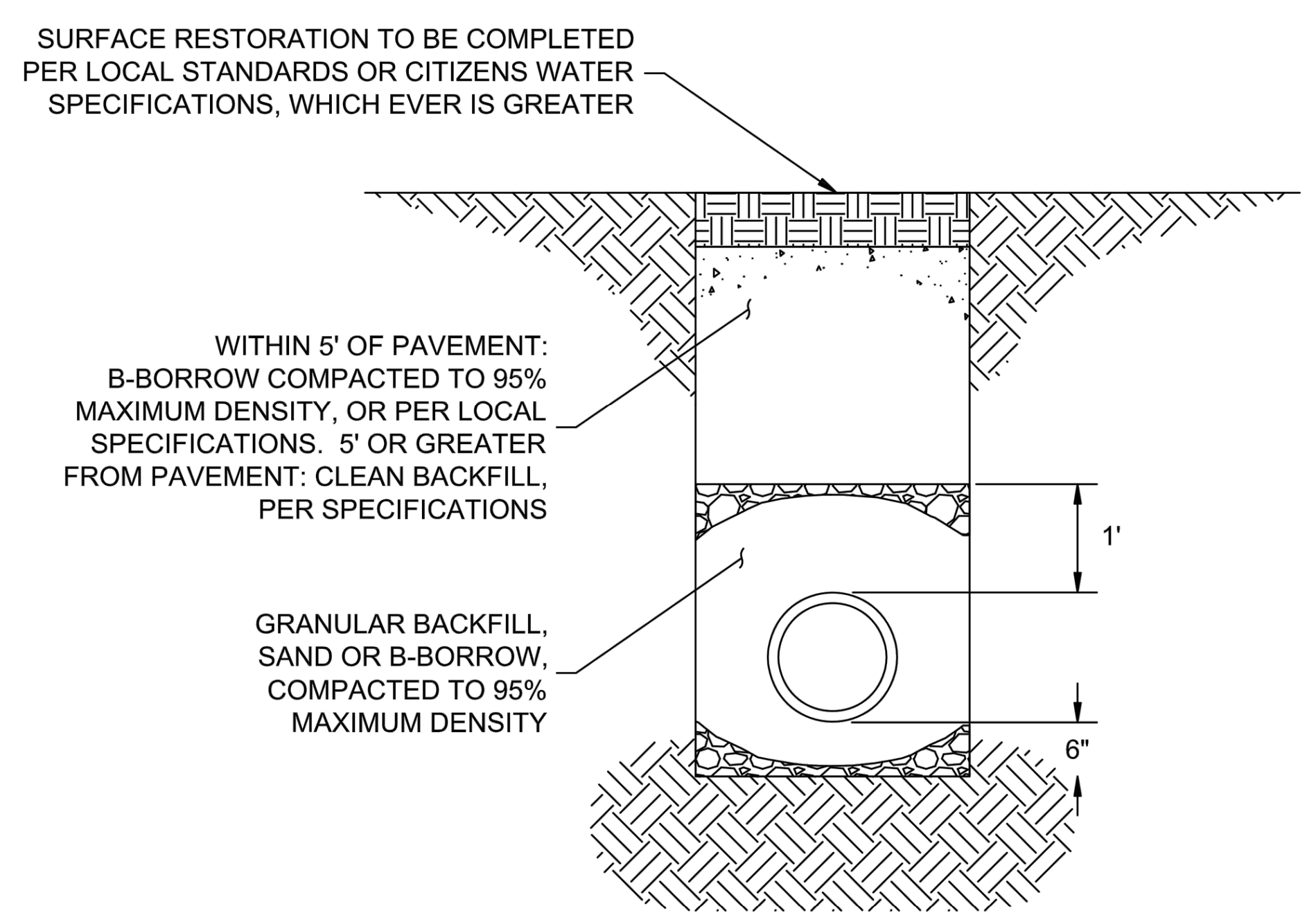
WATER MAIN LAYING PARALLEL TO OTHER UTLITIES
SECTION VIEW



WATER MAIN CROSSING SEWER
SECTION VIEW

CITIZENS WATER
STANDARD PRACTICE — A.1
REVISION DATE: 9/20/2018 ISSUE DATE: 7/17/2013

WATER MAIN AND SERVICE BACKFILL REQUIREMENTS

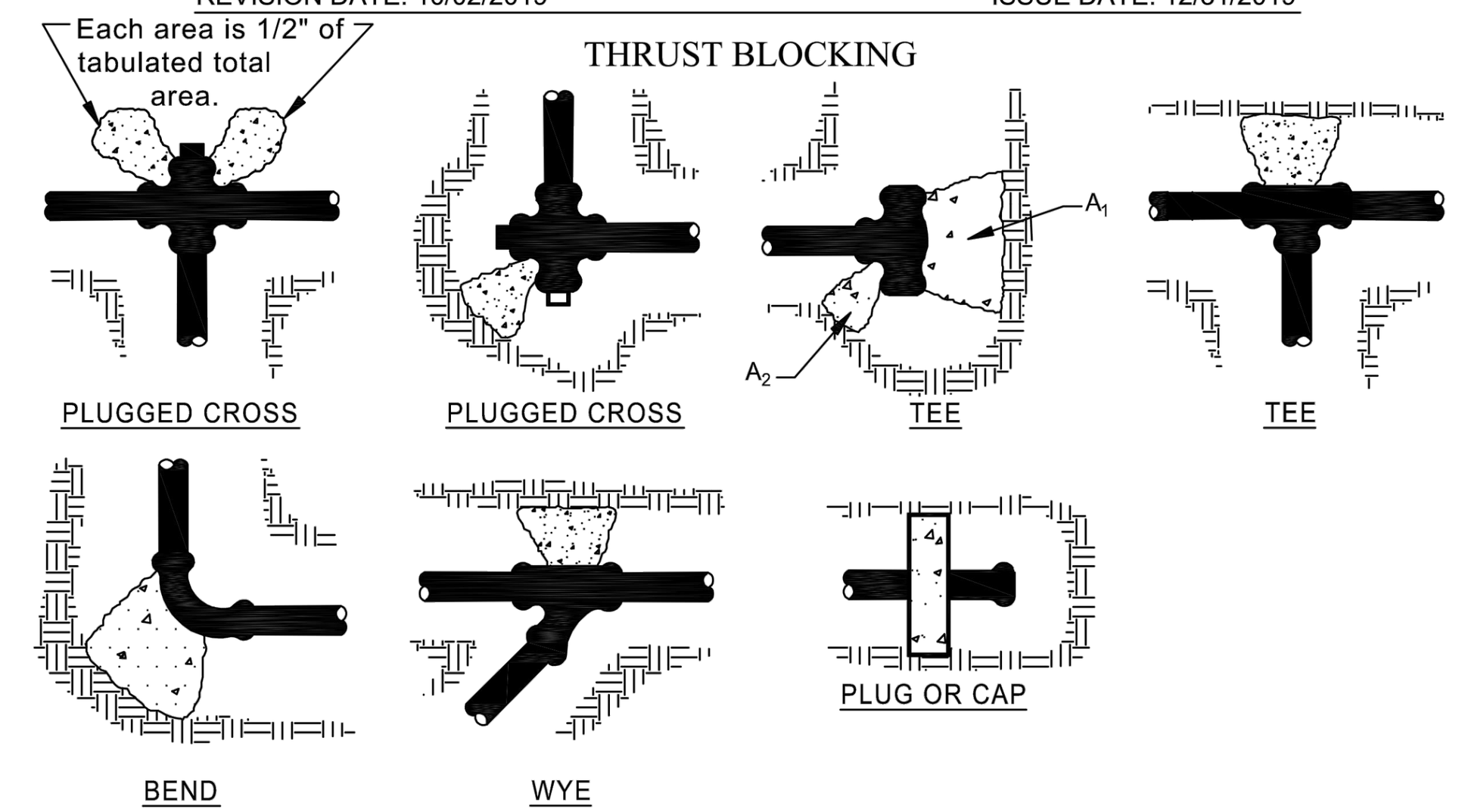


SCALE: NTS

NOTE:
COMPACTED BACKFILL IN LIFTS OF 12" MAXIMUM. TRENCH EXCAVATION SHALL CONFORM TO LOCAL STANDARDS.

CITIZENS WATER
STANDARD PRACTICE — A.2
REVISION DATE: 10/02/2019 ISSUE DATE: 12/31/2019

THRUST BLOCKING



Notes:
1) CONCRETE THRUST BLOCKING TO BE POURED AGAINST UNDISTURBED EARTH.
2) KEEP CONCRETE CLEAR OF JOINT AND ACCESSORIES.
3) POLYETHYLENE ENCASEMENT SHALL BE PLACED BETWEEN CONCRETE AND FITTINGS.
4) ALL POURED IN PLACE CONCRETE SHALL HAVE A 28 DAY STRENGTH OF 3,000 P.S.I., 2" TO 4" SLUMP AND INCLUDE WIRE MESH FOR REINFORCEMENT.
5) MINIMUM SOIL BEARING SURFACE AREA REQUIREMENTS ARE PROVIDED BELOW BASED ON 150 P.S.I. WATER PRESSURE PLUS 100 P.S.I. WATER HAMMER AND SOIL BEARING CAPACITY OF 3,000 POUNDS PER SQUARE FOOT.

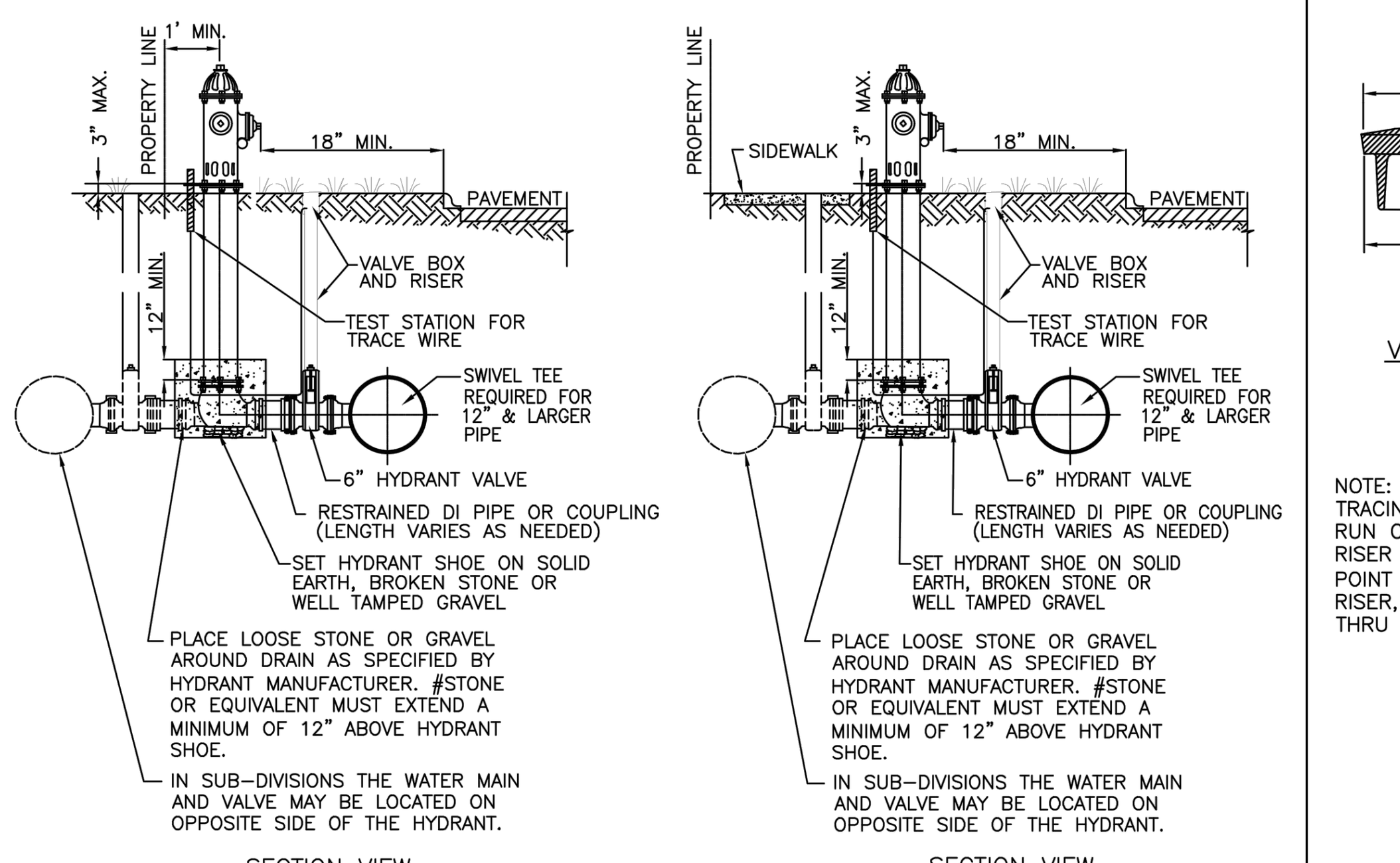
Minimum Soil Bearing Surface Area (ft2)
(Assuming 3,000 psf Soil Bearing Capacity)

Pipe Size	Horizontal Bends			Tee or Dead End (Plug/Cap)
	22-1/2°	45°	90°	
6"		6	8	6
8"		6	8	6
12"	4	6	11	8
16"	6	11	22	15
20"	9	18	36	24
24"	13	27	50	36
30"	20	45	76	57
36"	31	59	115	80

CITIZENS WATER
STANDARD PRACTICE — B
REVISION DATE: 10/02/2019 ISSUE DATE: 12/31/2019

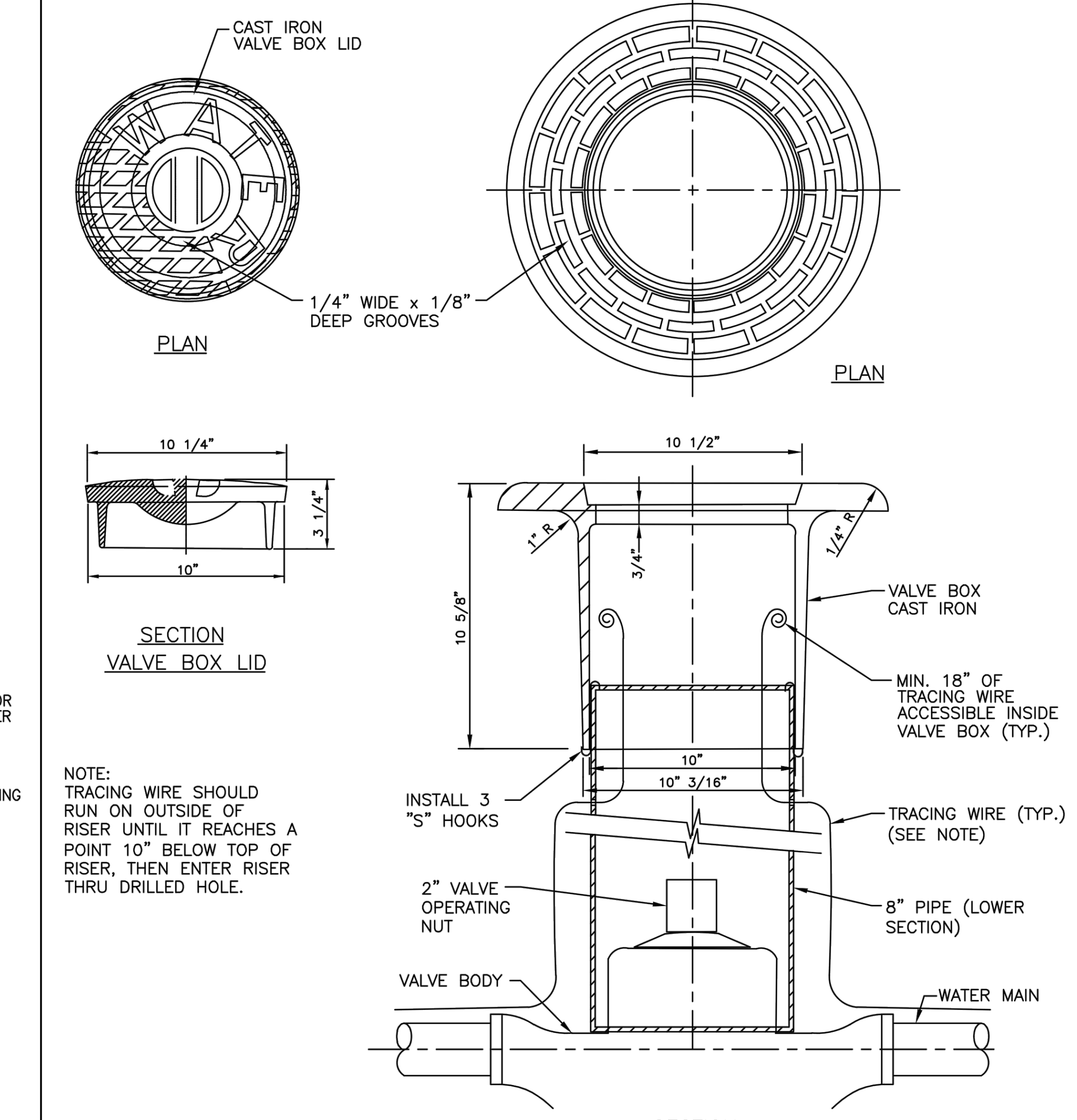
STANDARD HYDRANT SETTING

NOTES:
1. ALL HYDRANTS SHALL BE RESTRAINED TO THE HYDRANT TEE WITH DUCTILE IRON BRANCH PIPING ENCASED IN POLYETHYLENE WRAP.
2. SWIVEL 90° BEND MAY BE USED TO INSTALL HYDRANT AND VALVE IN GRASS STRIP BETWEEN CURB & SIDEWALK.
3. A MANUFACTURED "OUT OF SERVICE" SIGN WILL BE REQUIRED ON HYDRANTS UNTIL MAIN HAS BEEN PLACED "IN SERVICE" BY THE INSPECTOR.
4. FOR BRANCH PIPE LONGER THAN 10', INSTALL TRACING WIRE ALONG HYDRANT VALVE RISER.



CITIZENS WATER
STANDARD PRACTICE — G
REVISION DATE: 10/11/2021 ISSUE DATE: 6/8/2009

STANDARD 8" VALVE BOX AND COVER

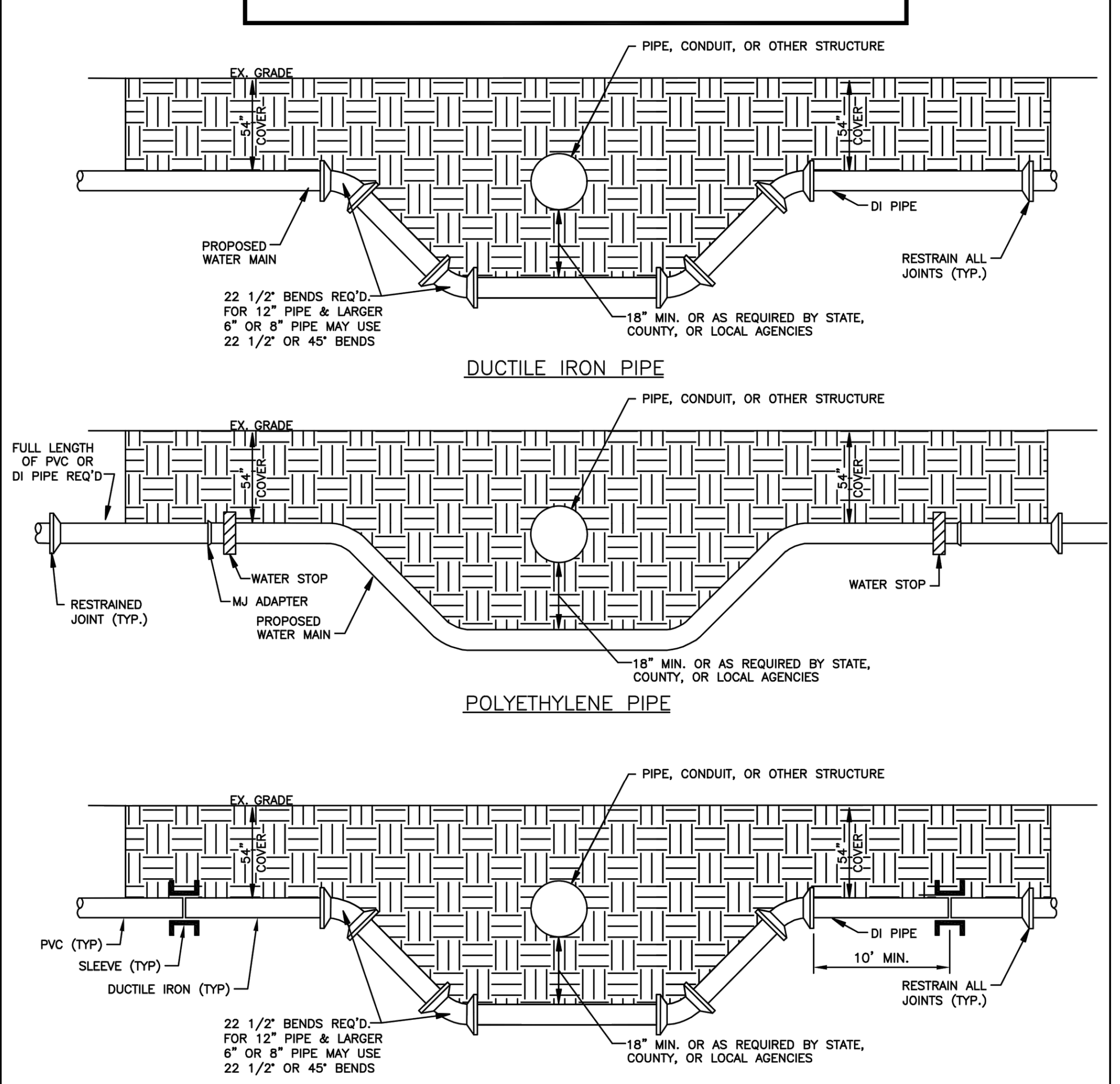


NOTE:
TRACING WIRE SHOULD RUN ON OUTSIDE OF RISER UNTIL IT REACHES A POINT 10" BELOW TOP OF RISER, THEN ENTER RISER THRU DRILLED HOLE.

CITIZENS WATER
STANDARD PRACTICE — H.2
REVISION DATE: 10/02/2019 ISSUE DATE: 12/31/2019

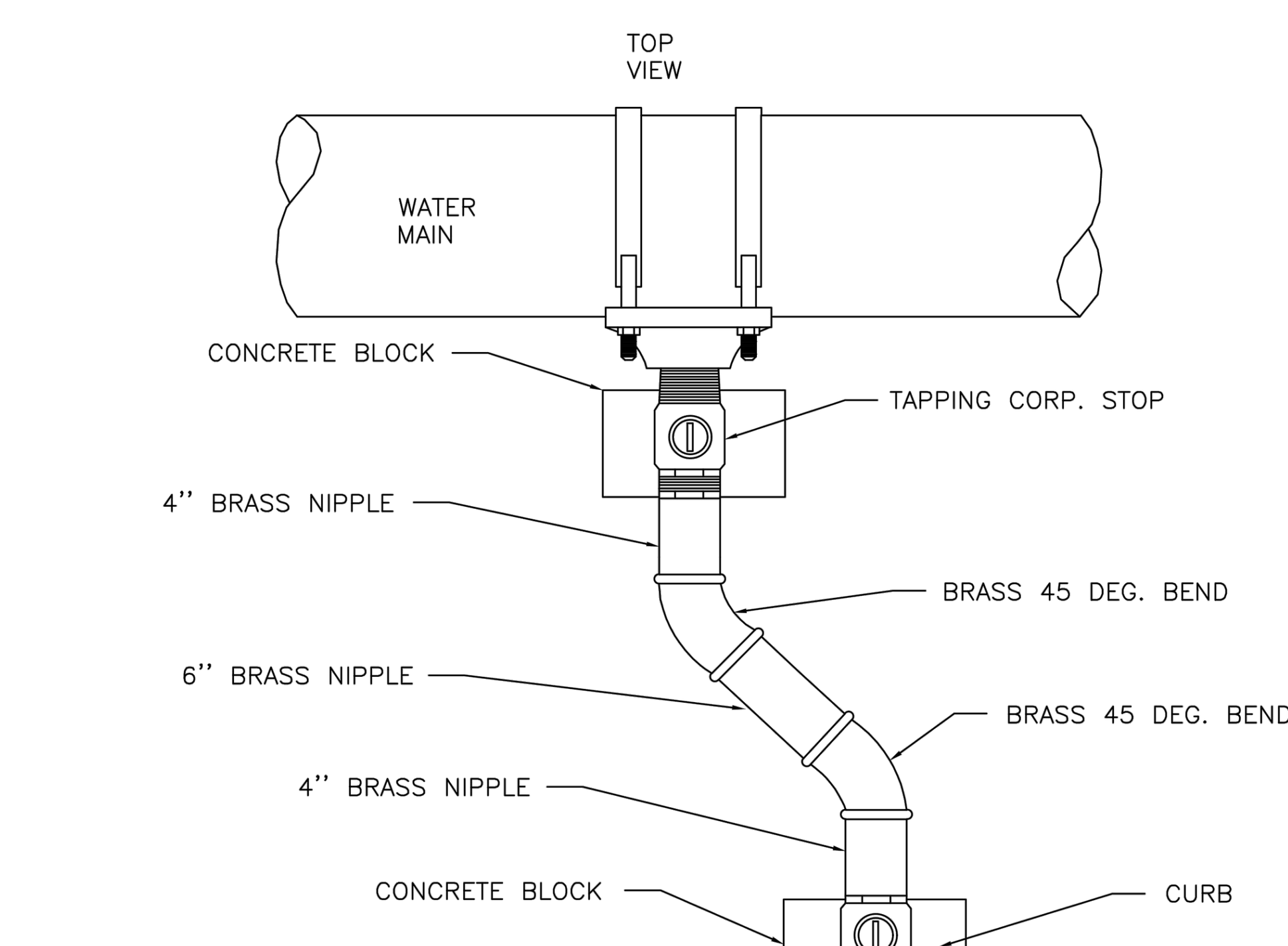
WATER MAIN LOWERING

NOTES:
1. ALL PIPE USED IN WATER MAIN LOWERING SHALL BE POLYETHYLENE PIPE OR DUCTILE IRON WITH RESTRAINED BENDS. (SEE STANDARD PRACTICE DRAWING "O" FOR RESTRAINED JOINT)

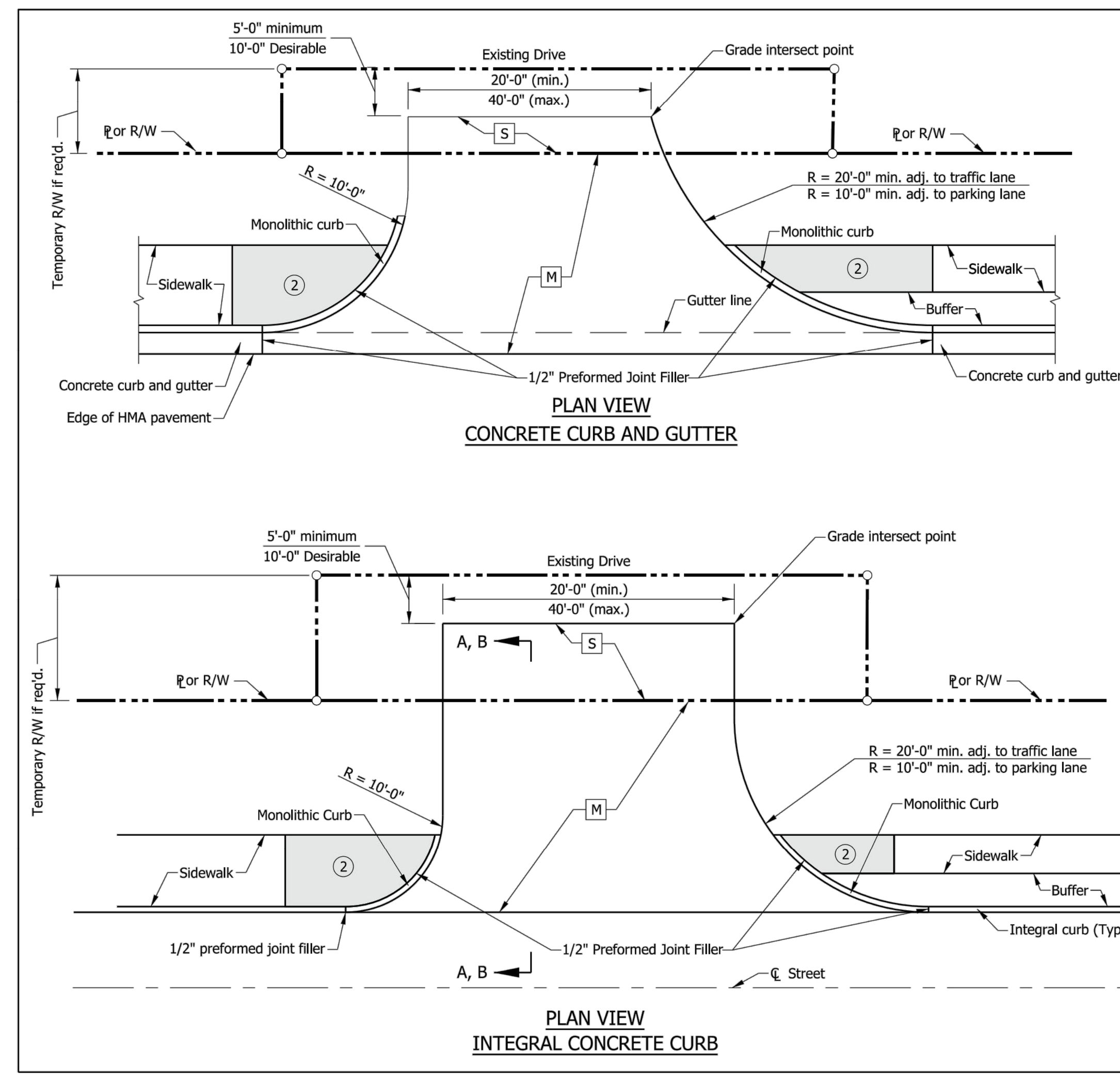


CITIZENS WATER
STANDARD PRACTICE — N
REVISION DATE: 7/25/2018 ISSUE DATE: 6/8/2009

1-1/2" & 2" SERVICE LINE SWING JOINT



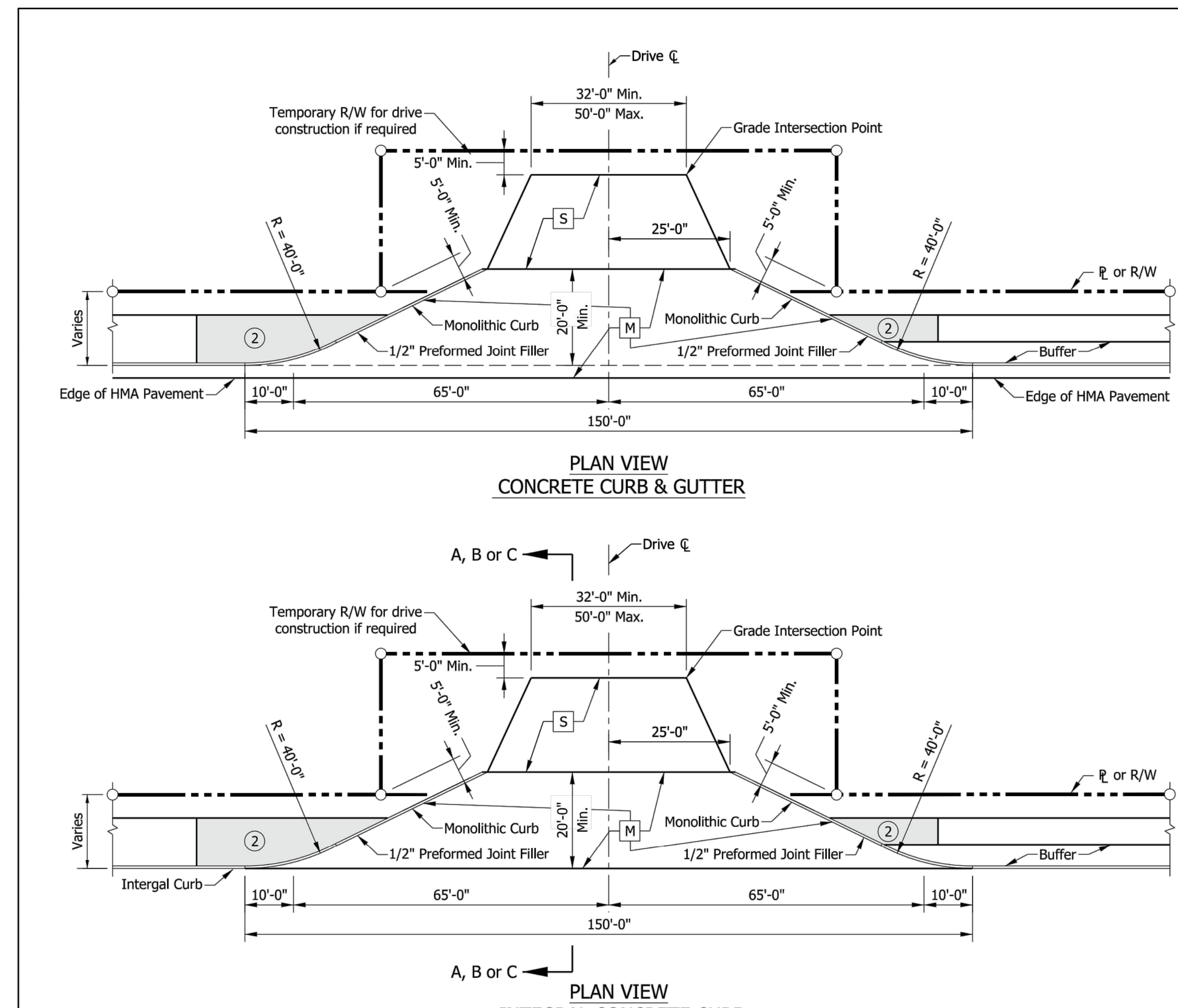
NOTES:
1) ALL SIZE DI, CI, AND PVC MAINS REQUIRE A TAPPING SADDLE
2) ALL SIZE POLY MAINS REQUIRE A FUSED ON TAPPING SADDLE FOR 1-1/2" AND 2" SERVICE LINES
3) SADDLE AND TAPPING CORP. STOP SUPPLIED & INSTALLED BY CEG. THIS MATERIAL WILL NOT BE SUPPLIED ON DEVELOPER PROJECTS.
4) ALL TAP EXCAVATIONS ARE REQUIRED TO BE BACKFILLED WITH GRANULAR OR FLOWABLE FILL TO A POINT 1'-0" ABOVE WATER MAIN
5) SWING JOINT DIRECTION MUST NOT DEVIATE FROM DRAWING
6) A COMPRESSION FITTING MUST BE USED OUT OF CURB STOP TO SERVICE LINE
7) STIFFENERS MUST BE USED ON ALL POLY SERVICES
8) 4" PLASTIC RISER W/ 5-1/4" VALVE BOX MUST BE INSTALLED OVER CURB STOP AND RESTING ON CONCRETE BLOCK
9) POLY SERVICES REQUIRE A TRACER WIRE WHICH SHOULD BE ROUTED ON THE OUTSIDE OF THE 4" RISER THEN STUBBED INSIDE THE RISER AT THE TOP. VERIFY THIS WIRE DOES NOT INTERFERE WITH THE OPERATION OF THE CURB STOP.



NOTES:
1. See Standard Drawing E 610-DRIV-09 for Section A-A, and Section B-B.
2. See Standard Drawing E 604-SDWK-03 for sidewalk driveway crossing details.
3. See Standard Drawing E 610-DRIV-14 for joint placement, monolithic curb, and concrete curb and gutter details.

LEGEND
M PCCP for Approaches, 9 in., on Dense Graded Subbase, 6 in., on Geogrid Type 1B, on Subgrade Treatment Type II (6 in. Coarse Aggregate No. 53)
S For type and thickness equivalent to surface in place, see plans.
Sidewalk elevation transitions.

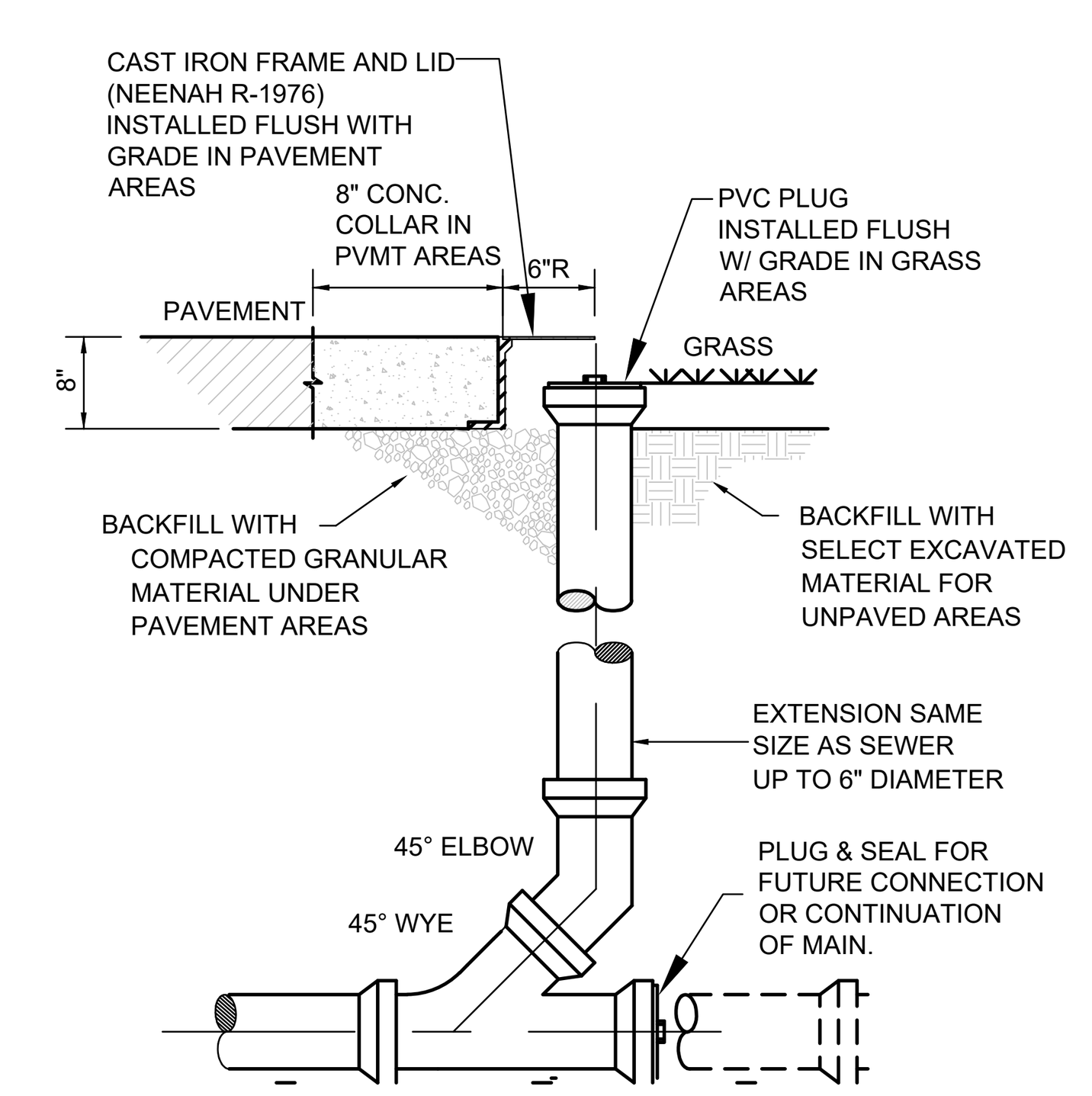
INDIANA DEPARTMENT OF TRANSPORTATION
CLASS III DRIVE (COMMERCIAL)
SEPTEMBER 2019
STANDARD DRAWING NO. E 610-DRIV-04
ELIZABETH W. PHILLIPS REGISTERED No. 10200124 STATE OF INDIANA PROFESSIONAL ENGINEER
DESIGN STANDARDS ENGINEER 5/1/2019 DATE
CHIEF ENGINEER 6/5/2019 DATE



NOTES:
1. See Standard Drawing E 610-DRIV-12 for Sections A-A, B-B and C-C.
2. See Standard Drawing E 604-SDWK-03 sidewalk driveway crossing details.
3. See Standard Drawing E 610-DRIV-14 for joint placement, monolithic curb, and concrete curb and gutter details.

LEGEND
M For ≤ 400 Trucks per day HMA for Approaches, Type B, 165 lbs/syd HMA Surface, Type B, on 275 lbs/syd HMA Intermediate, Type B, on 660 lbs/syd HMA Base, Type B, on Subgrade Treatment Type II (6 in. Coarse Aggregate No.53) on Geogrid, Type 1B
or
PCCP for Approaches, 9 in., on Dense Graded Subbase, 6 in., on Geogrid, Type 1B, on Subgrade Treatment Type II (6 in. Coarse Aggregate No. 53)
S For type and thickness equivalent to surface in place, see plans.

INDIANA DEPARTMENT OF TRANSPORTATION
CLASS VII DRIVE (INDUSTRIAL)
SEPTEMBER 2019
STANDARD DRAWING NO. E 610-DRIV-08
ELIZABETH W. PHILLIPS REGISTERED No. 10200124 STATE OF INDIANA PROFESSIONAL ENGINEER
DESIGN STANDARDS ENGINEER 5/1/2019 DATE
CHIEF ENGINEER 6/5/2019 DATE



STORM AND SANITARY SEWER CLEANOUT (IN-PAVEMENT)
SCALE: NONE

APPROVAL PENDING NOT FOR CONSTRUCTION

CSO
Brett Hite
work: (317) 848-7800
email: BHite@csoinc.net
8831 Keystone Crossing, Indianapolis, IN 46240
317.848.7800 | csoinc.net
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A&F ENGINEERING
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

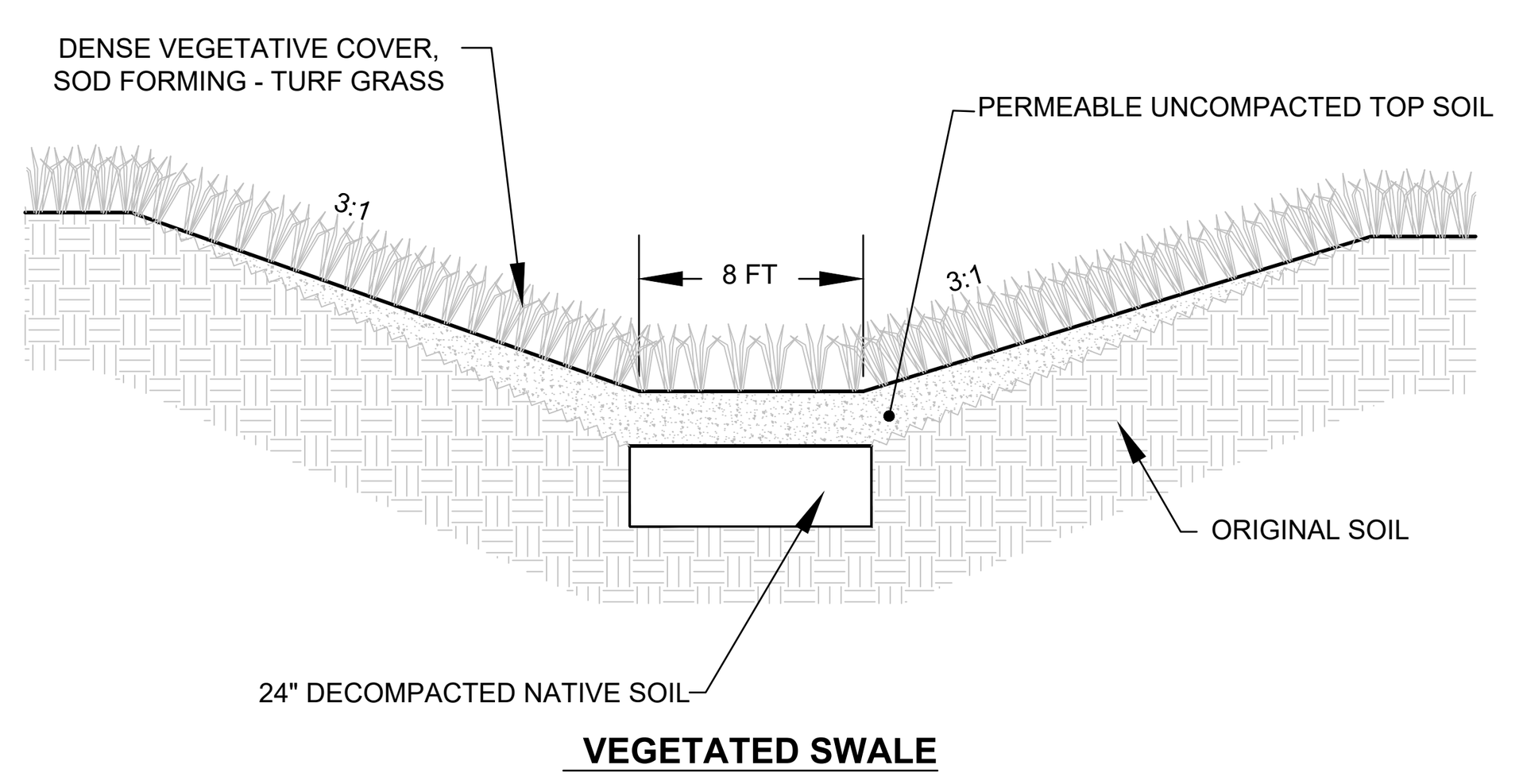
DRAWING TITLE:
SITE DETAILS

CERTIFIED BY:
KAREN K. COLLINS REGISTERED No. 10404538 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWING NUMBER
C905

PROJECT NUMBER
2023061

Z:\2023\23093L-CONTEXT, NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\C901 SITE DETAILS.DWG plotted by STEVEN O'ROURKE on 6/13/2024 8:37:03 PM last saved by SOROURKE on 6/13/2024 7:10:44 PM
Xrefs: X36X24E.DWG & XC-8 STD CCW PCS ACAD.DWG & XC-3 STD CCW PCS ACAD.DWG



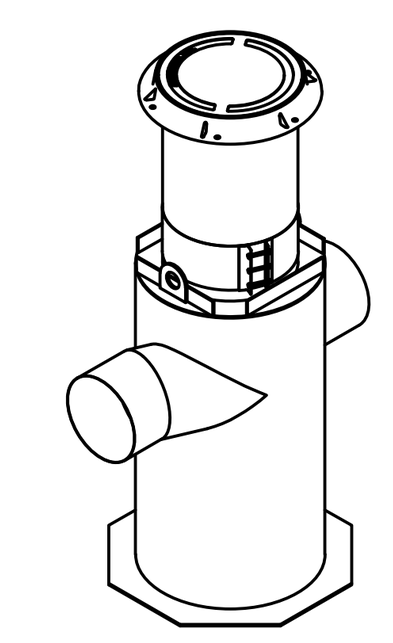
VEGETATED SWALE

Notes:

1. Soil Type. Soil characteristics in the swale bottom should be conducive to grass growth. Soils that contain large amounts of clay cause relatively low permeability and result in standing water, and may cause grass to die. Where the potential for leaching into groundwater exists, the swale bottom may need to be sealed with clay to protect from infiltration into the resource. Compacted soils will need to be tilled before seeding or planting. Topsoil should be applied at a depth of at least 6 inches using the following recommended topsoil mix: 50 to 80 percent sandy loam, 10 to 20 percent clay, and 10 to 20 percent composted organic matter (exclude animal waste).
2. Slope. Swales should be graded carefully to attain uniform longitudinal and lateral slopes and to eliminate high and low spots. If needed, grade control checks should be provided to maintain the computed longitudinal slope and limit maximum flow velocity.
3. Vegetative Cover. Select vegetation on the basis of pollution control objectives and according to what will best establish and survive in the site conditions. In general, select fine, close-growing, water-resistant grasses. Species with these desirable traits include tall fescue or mixtures of big bluestem, little bluestem, switchgrass, or Indian grass. Emergent wetland plant species or other alternative vegetation may be necessary where some period of soil saturation is expected, where particular pollutant uptake characteristics are desired. Use wetland species that are finely divided like grass and relatively resilient. Invasive species, such as cattails, should be avoided to eliminate proliferation in the swale and downstream. In swales next to roadways where de-icer is regularly used, salt tolerant species should be used. Woody or shrubby plantings can be used for landscaping on the edge of side slopes, but not in the swale treatment area. If landscape plantings are to be used, selection and planting processes should be carefully planned and carried out to avoid potential problems.

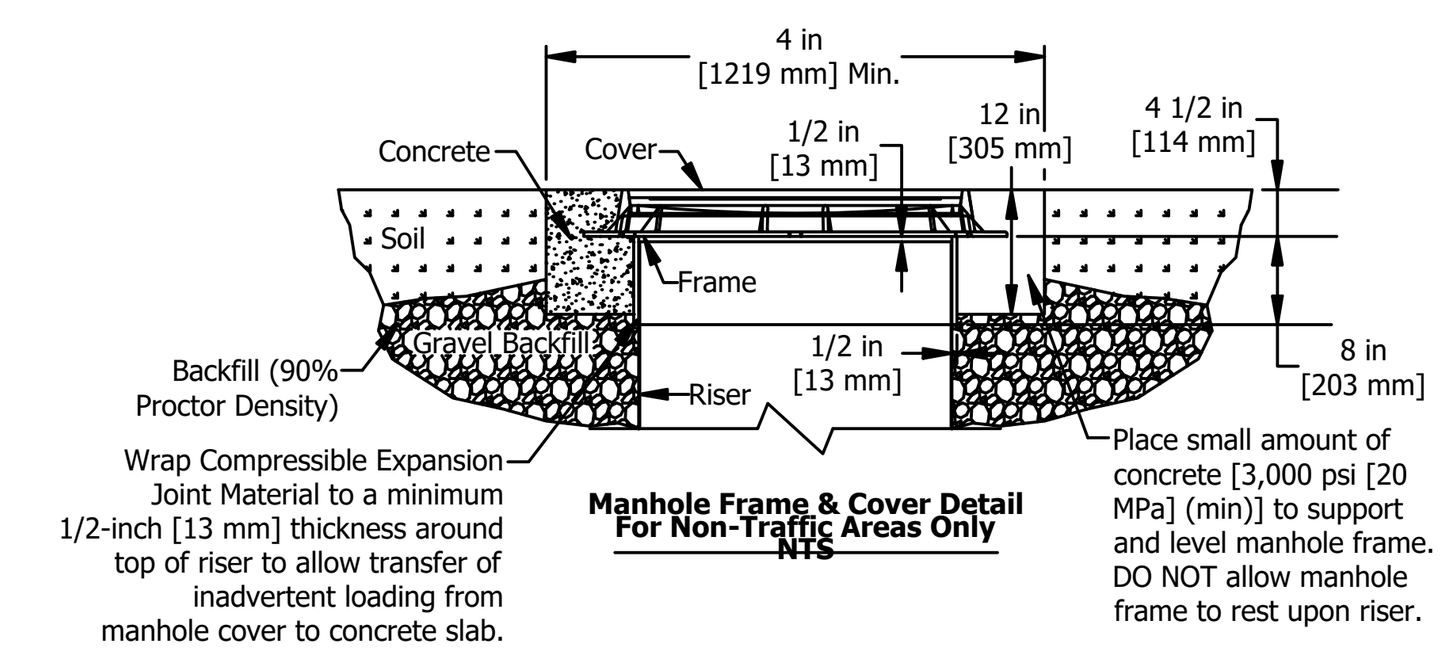
9 | **VEGETATED SWALE**
NOT TO SCALE

Aqua-Swirl Polymer Coated Steel (PCS)
Stormwater Treatment System



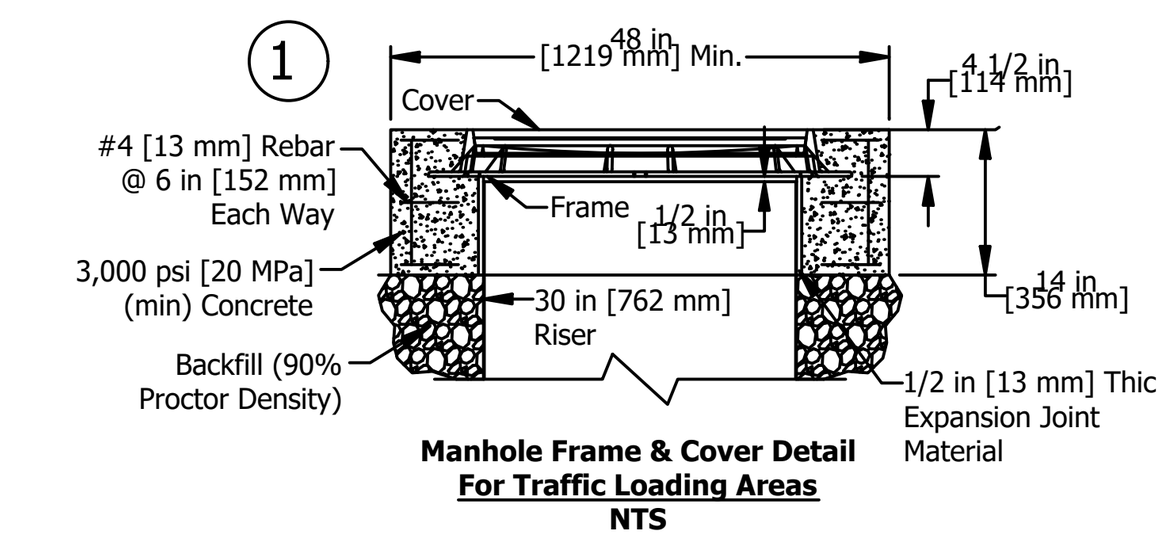
Projected View
SCALE 1:70

Unless other traffic barriers are present, bollards shall be placed around access riser(s) in non-traffic areas to prevent inadvertent loading by maintenance vehicles.



Manhole Frame & Cover Detail For Non-Traffic Areas Only NTS

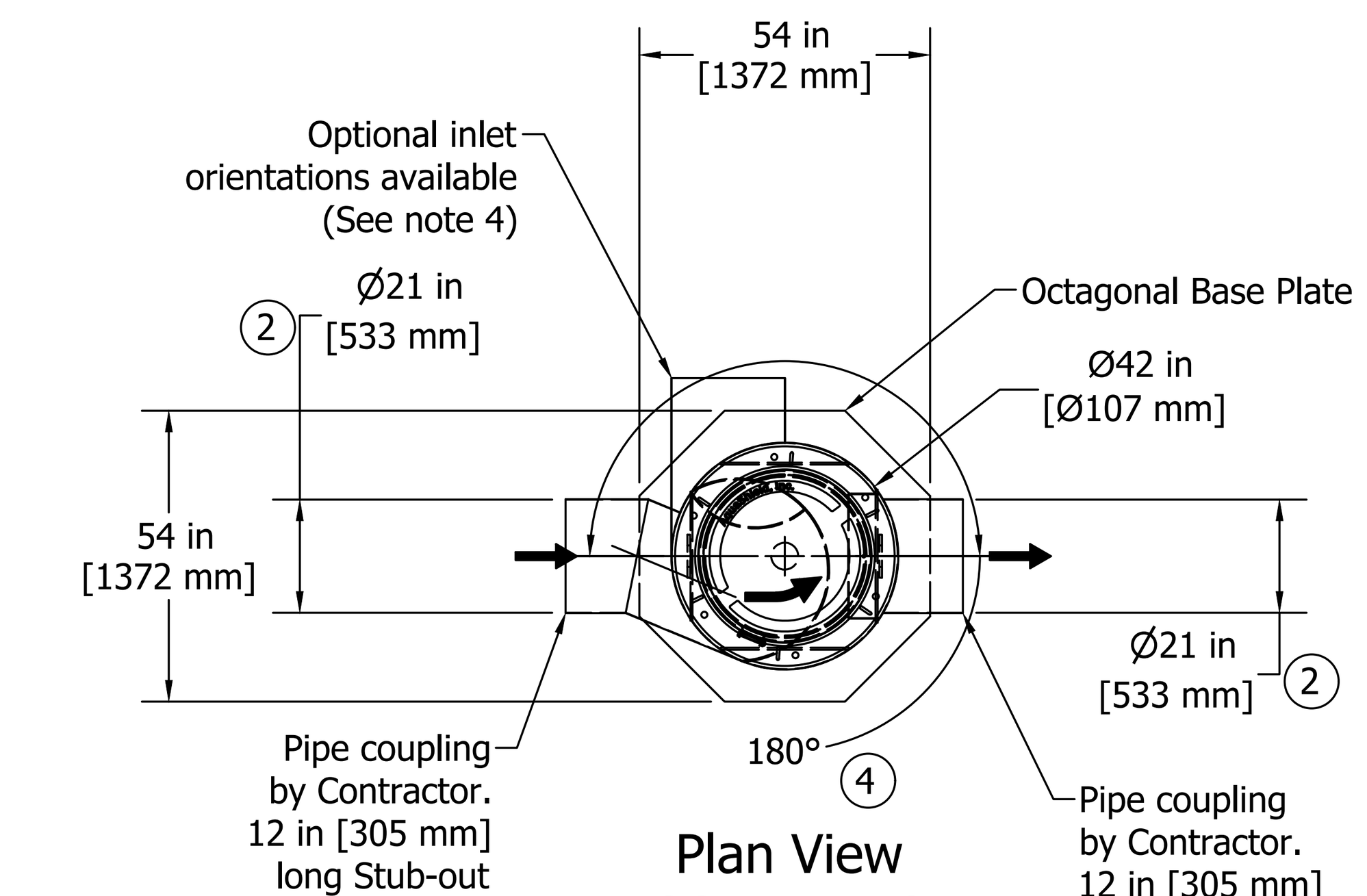
If traffic loading (HS-25) is required or anticipated, a 4-foot [1.22 m] diameter, 14-inch [356 mm] thick reinforced concrete pad must be placed over the Stormwater Treatment System Riser to support and level the manhole frame, as shown. The top of riser pipe must be wrapped with compressible expansion joint material to a minimum 1/2-inch [13 mm] thickness to allow transfer of wheel loads from manhole cover to concrete slab. Manhole cover shall bear on concrete slab and not on riser pipe. The concrete slab shall have a minimum strength of 3,000 psi [20 MPa] and be reinforced with #4 [13 mm] reinforcing steel as shown. Minimum cover over reinforcing steel shall be 1-inch [25 mm]. Top of manhole cover and concrete slab shall be level with finish grade.



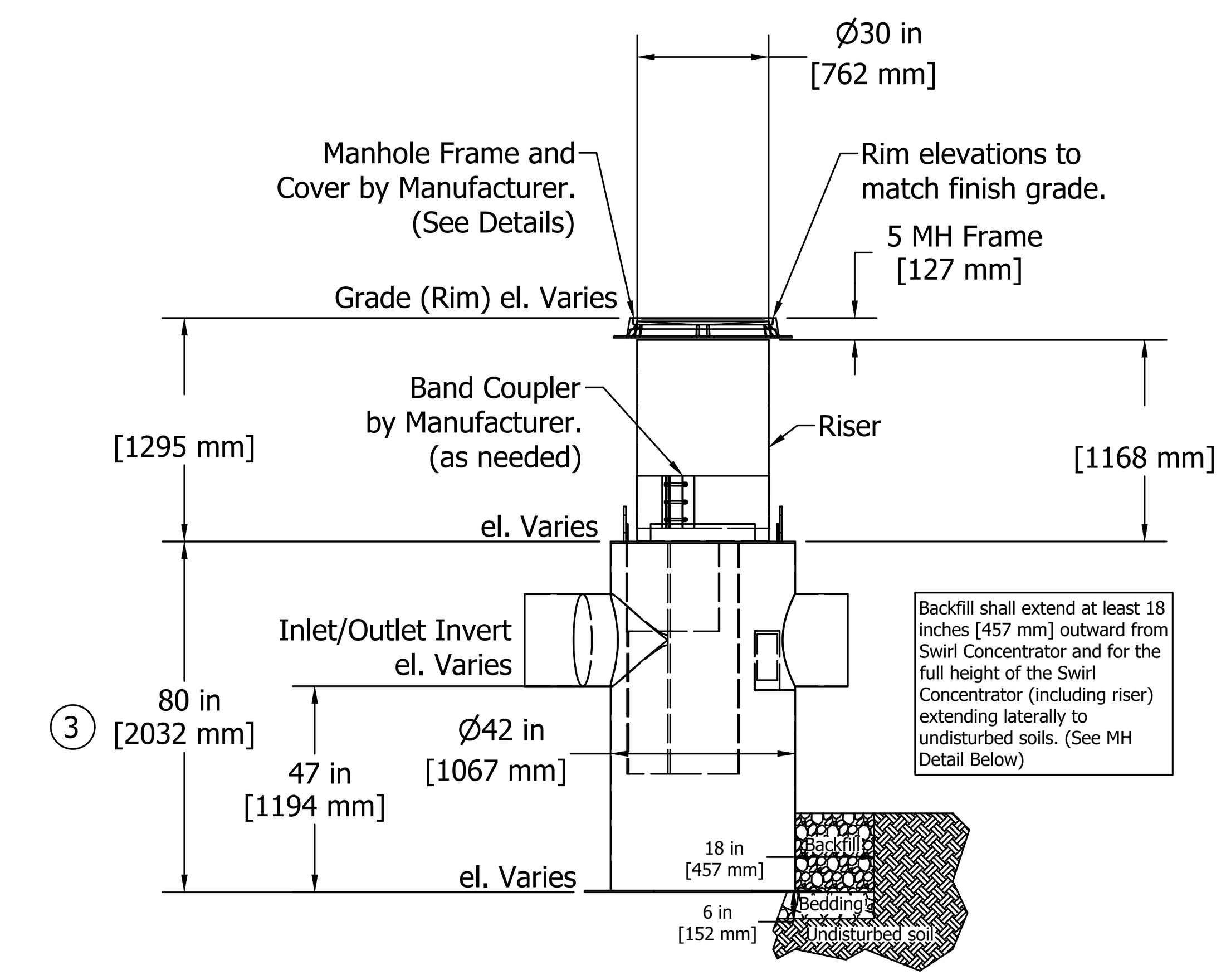
Manhole Frame & Cover Detail For Traffic Loading Areas NTS

Please see accompanied Aqua-Swirl specification notes. See Site Plan for actual System orientation. Approximate dry (pick) weight: 1500 lbs [700 kg].

1. As an alternative, 42 in [1067 mm] diameter, HS-20/25 rated precast concrete rings may be substituted. 14 in [356 mm] thickness must be maintained.
2. XC-3 inlet/outlet pipe size ranges up to 21 in [533 mm].
3. XC-3 chamber height may vary up to 80 in [2032 mm], depending on inlet/outlet pipe size.
4. Orientation may vary from a minimum of 90° to a maximum of 180°. Clockwise or counterclockwise orientation as needed.



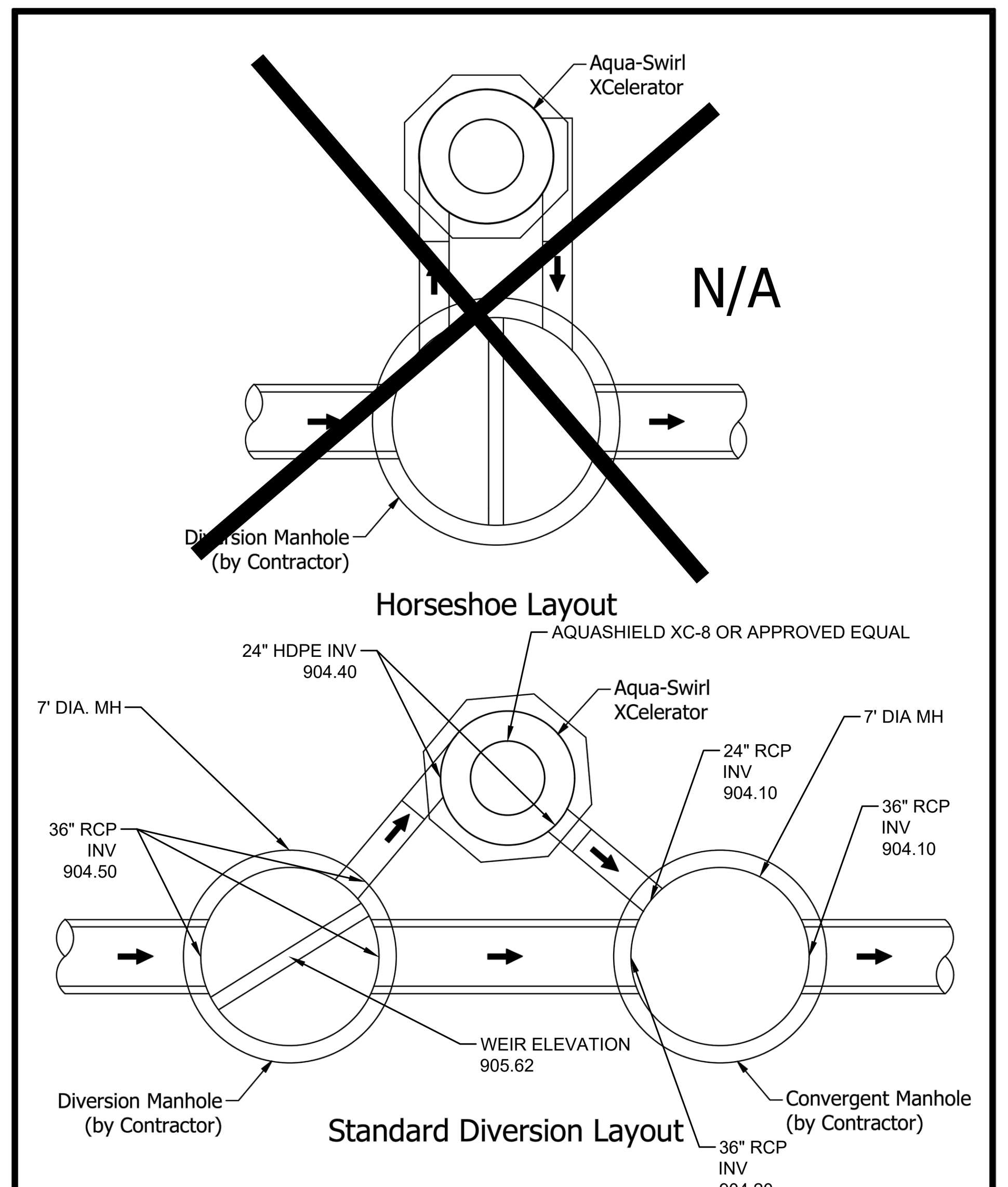
Plan View
SCALE 1:40



Elevation View
SCALE 1:40

AquaShield WATER TREATMENT SOLUTIONS
2733 Kanasita Drive, Suite 111, Chattanooga, TN 37343
Phone (888) 344-9044 Fax (423) 826-2112
www.aquashieldinc.com

Aqua-Swirl XCelerator XC-3 CCW STD	Structure #:	XC-3 STD	Rvwed	Rvw. Date
	Drawn By:	OFlores		
Aqua-Swirl Stormwater Treatment System Standard Detail	Scale:	As Shown		
	Date:	6/26/2019		
	U.S. Patent No. 6524473 and other Patent Pending			



Standard Diversion Layout

AquaShield | Aqua-Swirl XCelerator® Layouts
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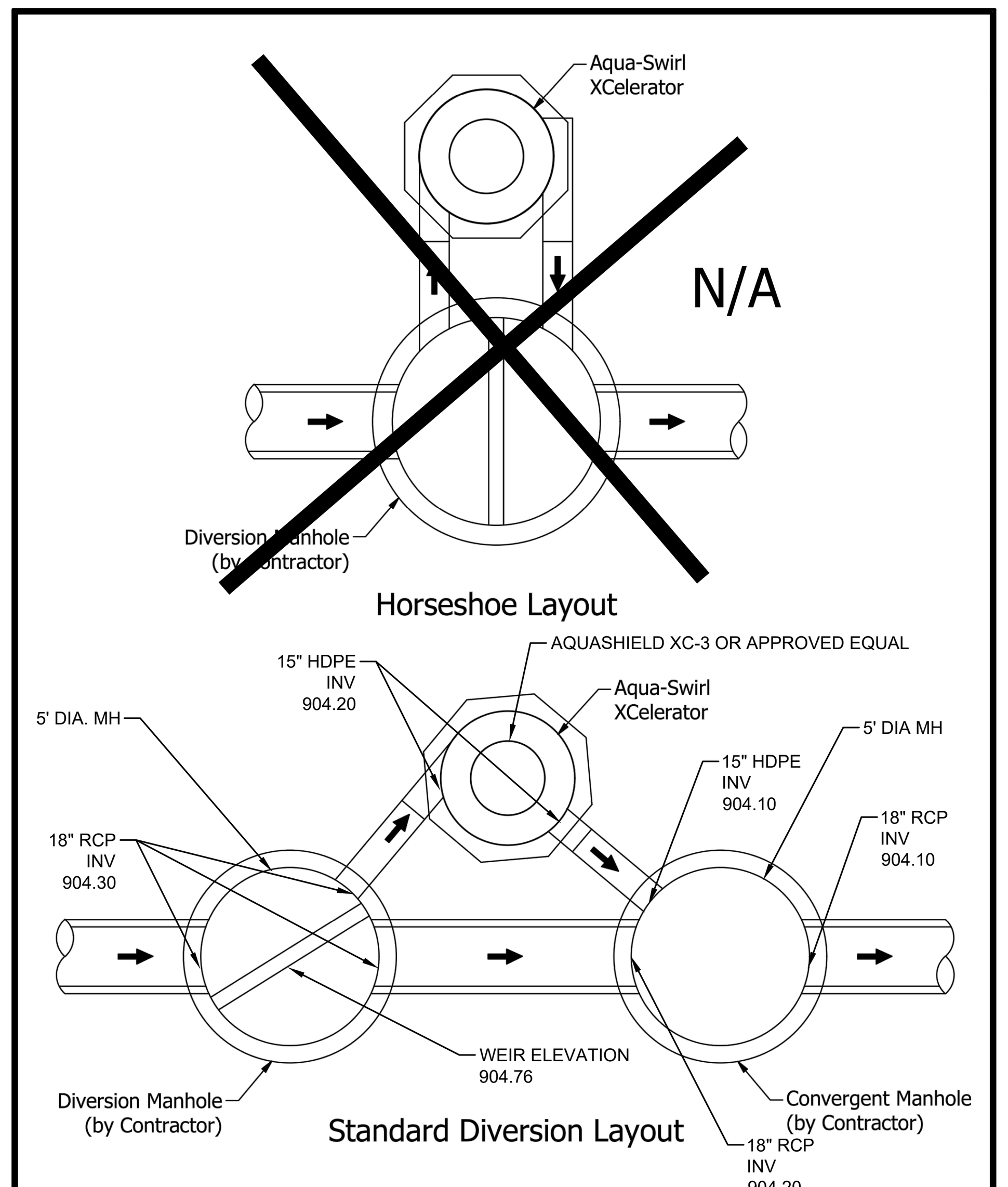
www.aquashieldinc.com

Structure #:	XC Layouts	Rvwed	Rvw. Date
Drawn By:	OFlores		
Scale:	As Shown		
Date:	3/30/2022		
U.S. Patent No. 11002000			

AQUASHIELD XC-8



Standard Diversion Layout

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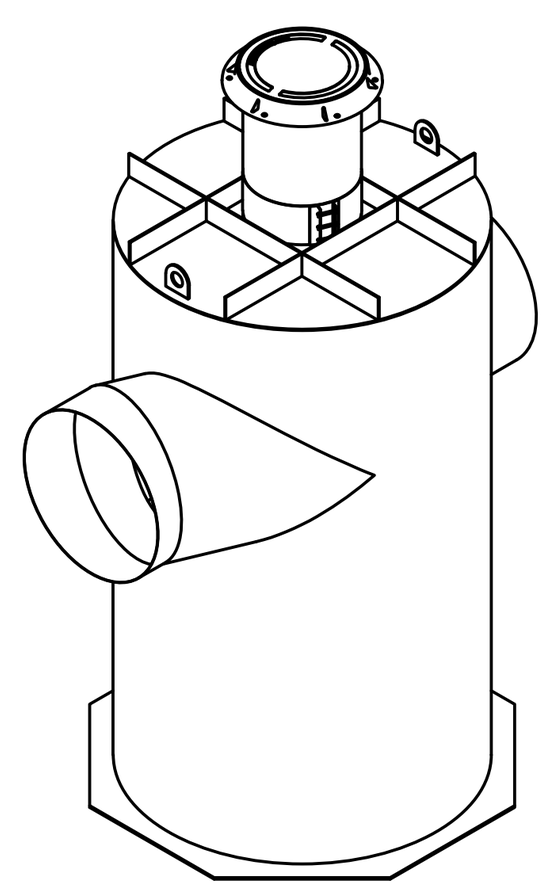
Structure #:	XC Layouts	Rvwed	Rvw. Date
Drawn By:	OFlores		
Scale:	As Shown		
Date:	3/30/2022		
U.S. Patent No. 11002000			

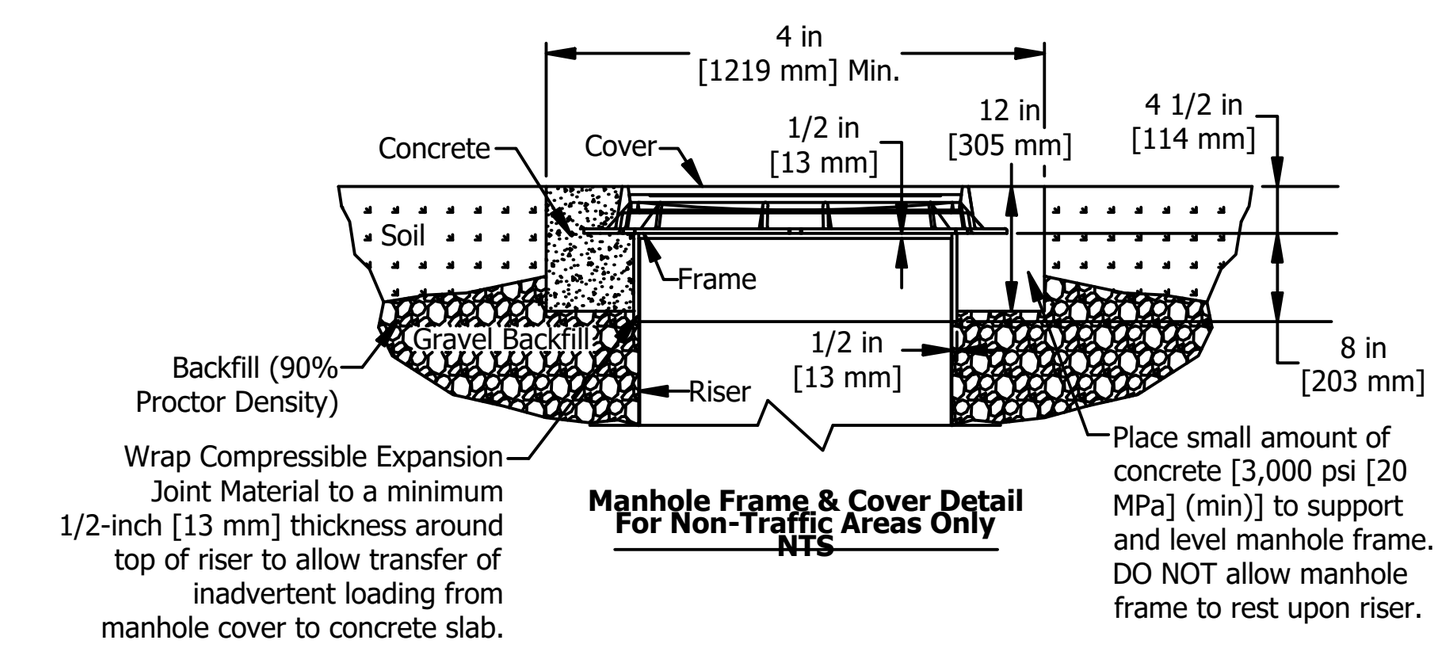
AQUASHIELD XC-3

Aqua-Swirl Polymer Coated Steel (PCS)
Stormwater Treatment System



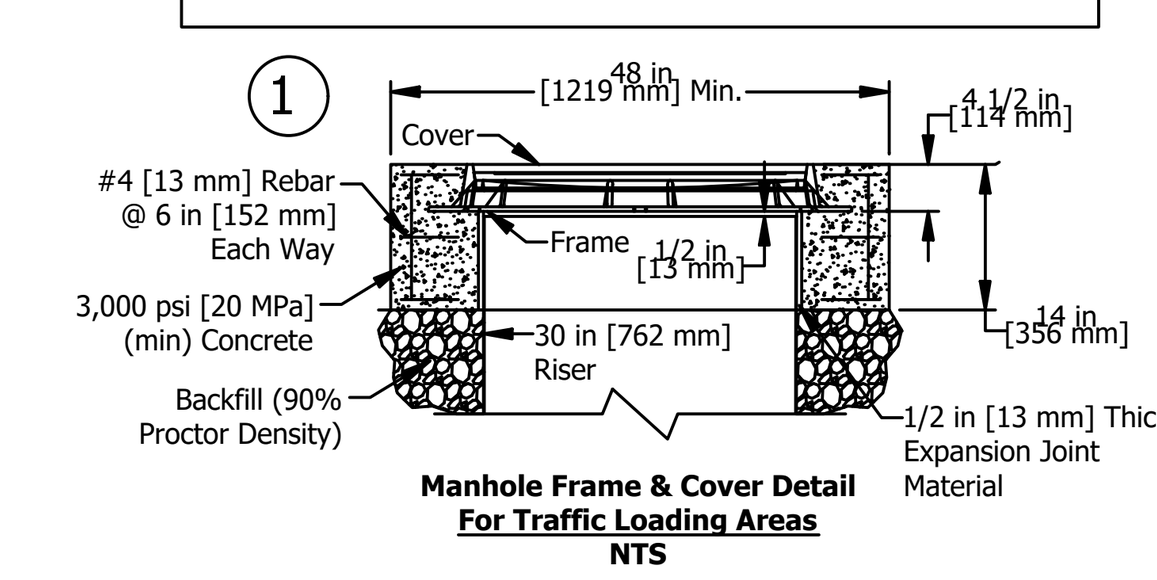
Projected View
SCALE 1:80

Unless other traffic barriers are present, bollards shall be placed around access riser(s) in non-traffic areas to prevent inadvertent loading by maintenance vehicles.



Manhole Frame & Cover Detail For Non-Traffic Areas Only NTS

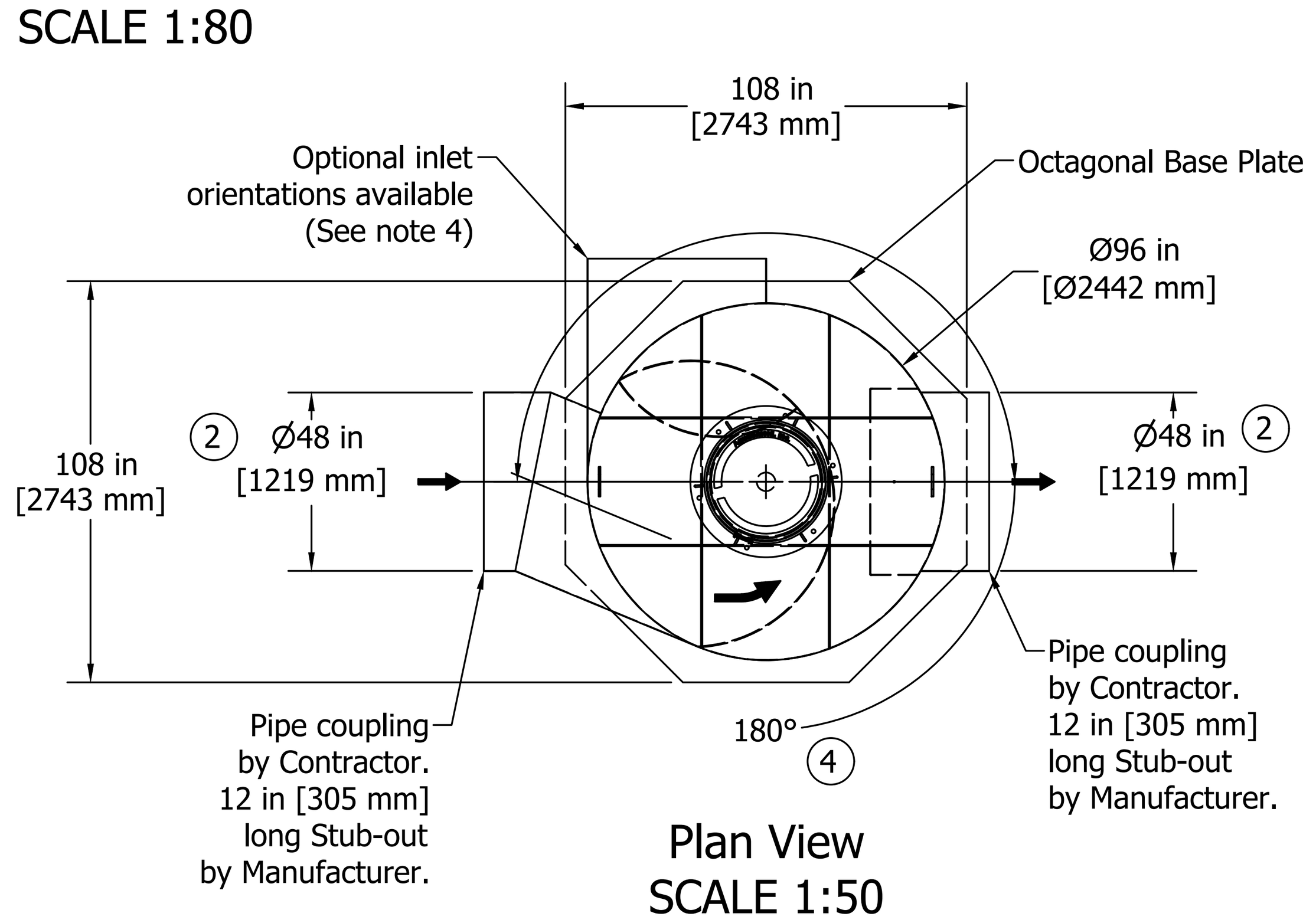
If traffic loading (HS-25) is required or anticipated, a 4-foot [1.22 m] diameter, 14-inch [356 mm] thick reinforced concrete pad must be placed over the Stormwater Treatment System Riser to support and level the manhole frame, as shown. The top of riser pipe must be wrapped with compressible expansion joint material to a minimum 1/2-inch [13 mm] thickness to allow transfer of wheel loads from manhole cover to concrete slab. Manhole cover shall bear on concrete slab and not on riser pipe. The concrete slab shall have a minimum strength of 3,000 psi [20 MPa] and be reinforced with #4 [13 mm] reinforcing steel as shown. Minimum cover over reinforcing steel shall be 1-inch [25 mm]. Top of manhole cover and concrete slab shall be level with finish grade.



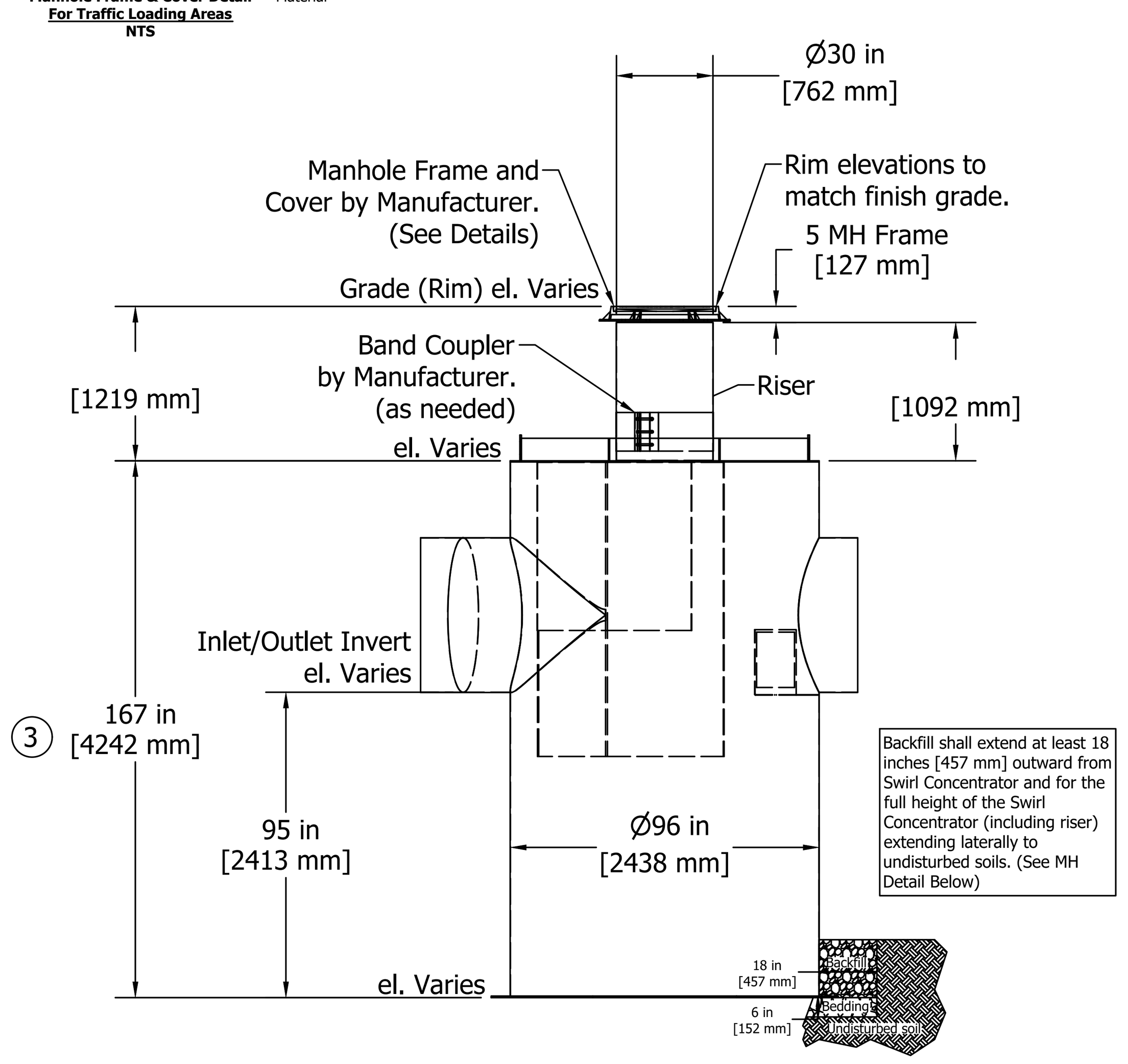
Manhole Frame & Cover Detail For Traffic Loading Areas NTS

Please see accompanied Aqua-Swirl specification notes. See Site Plan for actual System orientation. Approximate dry (pick) weight: 5000 lbs [2300 kg].

1. As an alternative, 42 in [1067 mm] diameter, HS-20/25 rated precast concrete rings may be substituted. 14 in [356 mm] thickness must be maintained.
2. XC-8 inlet/outlet pipe size ranges up to 48 in [1219 mm].
3. XC-8 chamber height may vary up to 167 in [4242 mm], depending on inlet/outlet pipe size.
4. Orientation may vary from a minimum of 90° to a maximum of 180°. Clockwise or counterclockwise orientation as needed.



Plan View
SCALE 1:50



Elevation View
SCALE 1:50

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Phone (888) 344-9044 Fax (423) 826-2112
www.aquashieldinc.com

Aqua-Swirl XCelerator XC-8 CCW STD	Structure #:	XC-8 STD	Rvwed	Rvw. Date
	Drawn By:	OFlores		
Aqua-Swirl Stormwater Treatment System Standard Detail	Scale:	As Shown		
	Date:	6/26/2019		
	U.S. Patent No. 6524473 and other Patent Pending			

APPROVAL PENDING NOT FOR CONSTRUCTION

CSO
Brett Hite
work: (317) 848-7800
email: BHite@csoinc.net
8831 Keystone Crossing, Indianapolis, IN 46240
317.848.7800 | csoinc.net
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Transportation & Site Engineering
Creating Order Since 1966

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #2	06/17/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

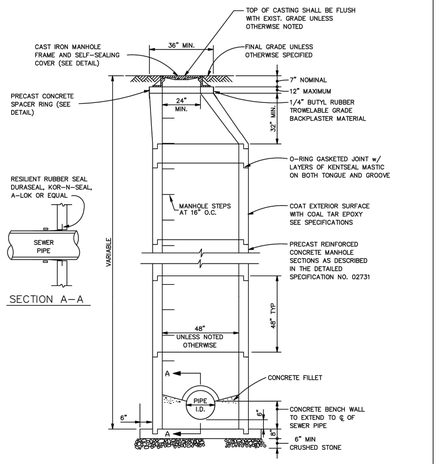
DRAWING TITLE:
SITE DETAILS

CERTIFIED BY:
KAREN K. COLLINS REGISTERED No. 10404538 STATE OF INDIANA PROFESSIONAL ENGINEER
Karen Collins

DRAWING NUMBER
C906

PROJECT NUMBER
2023061

Z:\2023\23093L-CONTEXT, NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\C901 SITE DETAILS.DWG plotted by STEVEN O'ROURKE on 6/13/2024 8:37:07 PM last saved by SOROURKE on 6/13/2024 7:10:44 PM
Xrefs: X36X24E.DWG & XC-8 STD CCW PCS ACAD.DWG & XC-3 STD CCW PCS ACAD.DWG

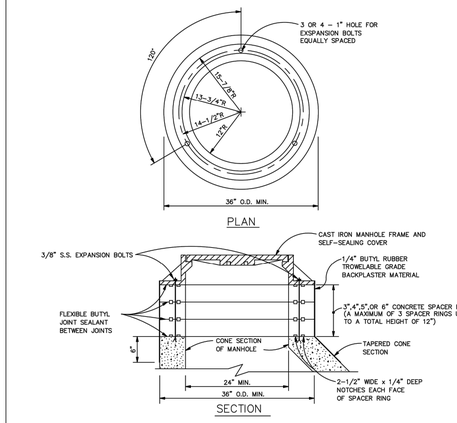


STANDARD SANITARY MANHOLE DETAIL

CITY OF WESTFIELD, INDIANA

4/1/14
DATE

FIGURE S–1

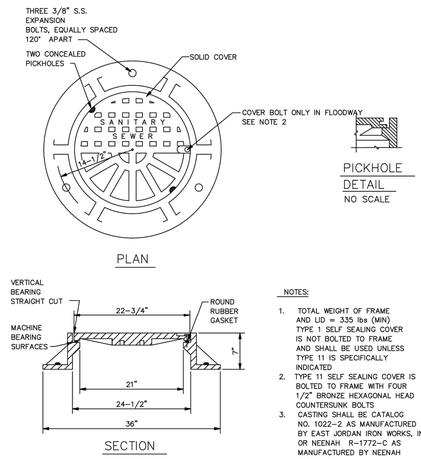


STANDARD SANITARY MANHOLE SPACER RING DETAIL

TOWN OF WESTFIELD, INDIANA

4/1/13
DATE

FIGURE S–2



NOTES:

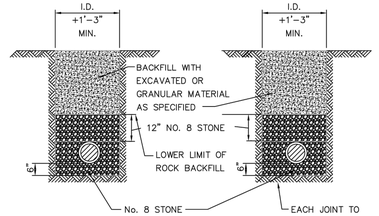
1. TOTAL WEIGHT OF FRAME AND LID = 335 lbs (MIN) TYPE 1 SELF SEALING COVER IS NOT BOLTED TO FRAME AND SHALL BE USED UNLESS TYPE 11 IS SPECIFICALLY INDICATED
2. TYPE 11 SELF SEALING COVER IS BOLTED TO FRAME WITH FOUR 1/2" BRONZE HEXAGONAL HEAD COUNTERSUNK BOLTS
3. CASTING SHALL BE CATALOG NO. 1022–2 AS MANUFACTURED BY EAST JORDAN IRON WORKS, INC. OR NEENAH R–1772–C AS MANUFACTURED BY NEENAH FOUNDARY.

STANDARD SANITARY MANHOLE FRAME AND COVER DETAILS

CITY OF WESTFIELD, INDIANA

4/1/14
DATE

FIGURE S–3



NOTES:
THIS DETAIL SHALL APPLY TO ALL SANITARY SEWER PIPE
ALL STONE TO BE INDOT CLASS 1 STONE

SEWER PIPE BEDDING DETAIL

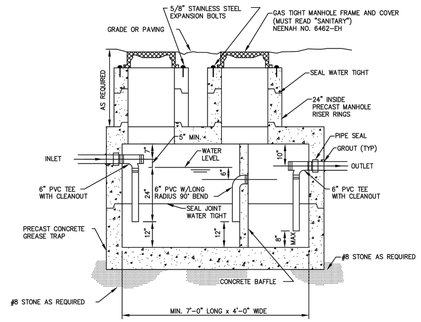
CITY OF WESTFIELD, INDIANA

4/1/13
DATE

FIGURE S–5

GENERAL NOTES

1. ALL TANK JOINTS SHALL BE SEALED WATERTIGHT WITH BUTYL RUBBER EXTRUDIBLE PREFORMED GASKET MATERIAL, HAMILTON KENT–SEAL OR EQUAL.
2. ALL OUTSIDE RISER RINGS SURFACES SHALL BE WATERPROFFED ⅜" WITH TROWLEABLE GRADE BUTYL RUBBER BACK PLASTER.
3. PIPE SEALS SHALL BE TUF–TITE, POLYLOK, OR EQUAL.



GREASE TRAP DETAIL

CITY OF WESTFIELD, INDIANA

4/1/14
DATE

FIGURE S–14

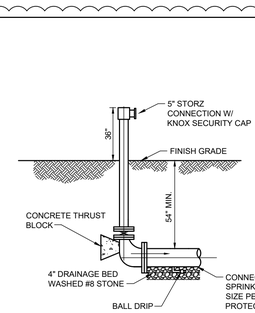
*NOTE:
CONNECT TO EXISTING SERVICE OR SEAL WITH WATERTIGHT PLUG FOR FUTURE CONNECTION.

NOT TO SCALE

CITIZENS ENERGY GROUP

SERVICE CONNECTION FOR SHALLOW SEWERS (Less than 15' deep)

FIGURE 400.05



COORDINATE W/ WESTFIELD FIRE DEPARTMENT

WA-16A | **FIRE DEPARTMENT CONNECTION DETAIL** | SCALE: NONE

APPROVAL PENDING NOT FOR CONSTRUCTION

CSO
Brett Hite
work: (317) 848-7800
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A&F ENGINEERING
Transportation & Site Engineering
Crowne Center Drive Nw

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
EARLY SITE PACKAGE
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the quality of the construction and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for the complete and correction of the requirements of the Contract.
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REVISIONS:

1	ADDENDUM #2	06/17/2024
2	ADDENDUM #3	06/21/2024
3	ADDENDUM #4	06/26/2024

ISSUE DATE	DRAWN BY	CHECKED BY
05/20/24	SO	KC

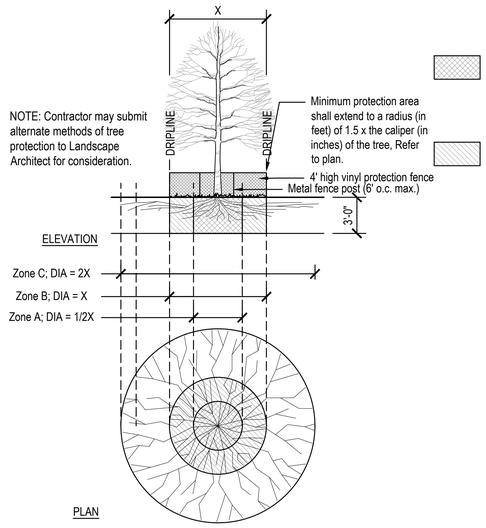
DRAWING TITLE:
SITE DETAILS

CERTIFIED BY:
KAREN K. COLLINS
No. 10404538
STATE OF INDIANA
REGISTERED PROFESSIONAL ENGINEER

DRAWING NUMBER
C907

PROJECT NUMBER
2023061

Z:\2021\23093_-CONTEXT, NEW WESTFIELD MIDDLE SCHOOL-WEST\DWGS\C901 SITE DETAILS.DWG plotted by STEVEN O'ROURKE on 6/26/2024 4:16:40 PM last saved by SOROURKE on 6/26/2024 4:06:57 PM
Xrefs: X36X24E.DWG & XC-B STD CCW PCS ACAD.DWG & XC-3 STD CCW PCS ACAD.DWG



1 TREE PROTECTION
Not To Scale

TRENCHING/EXCAVATION

ZONE A (CRITICAL ROOT ZONE)
1. NO DISTURBANCE ALLOWED without site-specific inspection and approval of methods to minimize root damage.
2. Severance of roots larger than 2" diameter requires Landscape Architect's approval.
3. Tunneling or boring required to install utilities 3'-0" below grade or deeper.

ZONE B (DRIPLINE)
1. Operation of heavy equipment and/or stockpiling of materials subject to Landscape Architect's approval. Surface Protection* measures required.
2. Trenching allowed as follows:
   - Excavation by hand or with hand-driver trencher may be required.
   - Limit trench width. Do not disturb Zone A, maintain 2/3 or more of Zone B in undisturbed condition.
3. Tunneling or boring may be required for trenches deeper than 3'-0".

ZONE C (FEEDER ROOT ZONE)
1. Operation of heavy equipment and/or stockpiling of materials subject to Landscape Architect's approval. Surface Protection* measures required.
2. Trenching with heavy equipment allowed as follows:
   - Minimize trench width.
   - Maintain 2/3 or more of Zone C in undisturbed condition.

FENCING/ROOT PROTECTION
4' high vinyl protection fence at the greater of Zone B (Dripline) or to a radius (in feet) of 1.5x the caliper (in inches) of the tree, minimum, and at Zone C (Feeder Root Zone) if possible. Refer to Detail this Sheet.

Upon Landscape Architect's approval, a plywood box (8' minimum height) may be used where fencing cannot be achieved.

Landscape Architect's approval required for use/access within Zone B. Permission for use/access requires Surface Protection Measures for all unfenced, unpaved surfaces within Zone B.

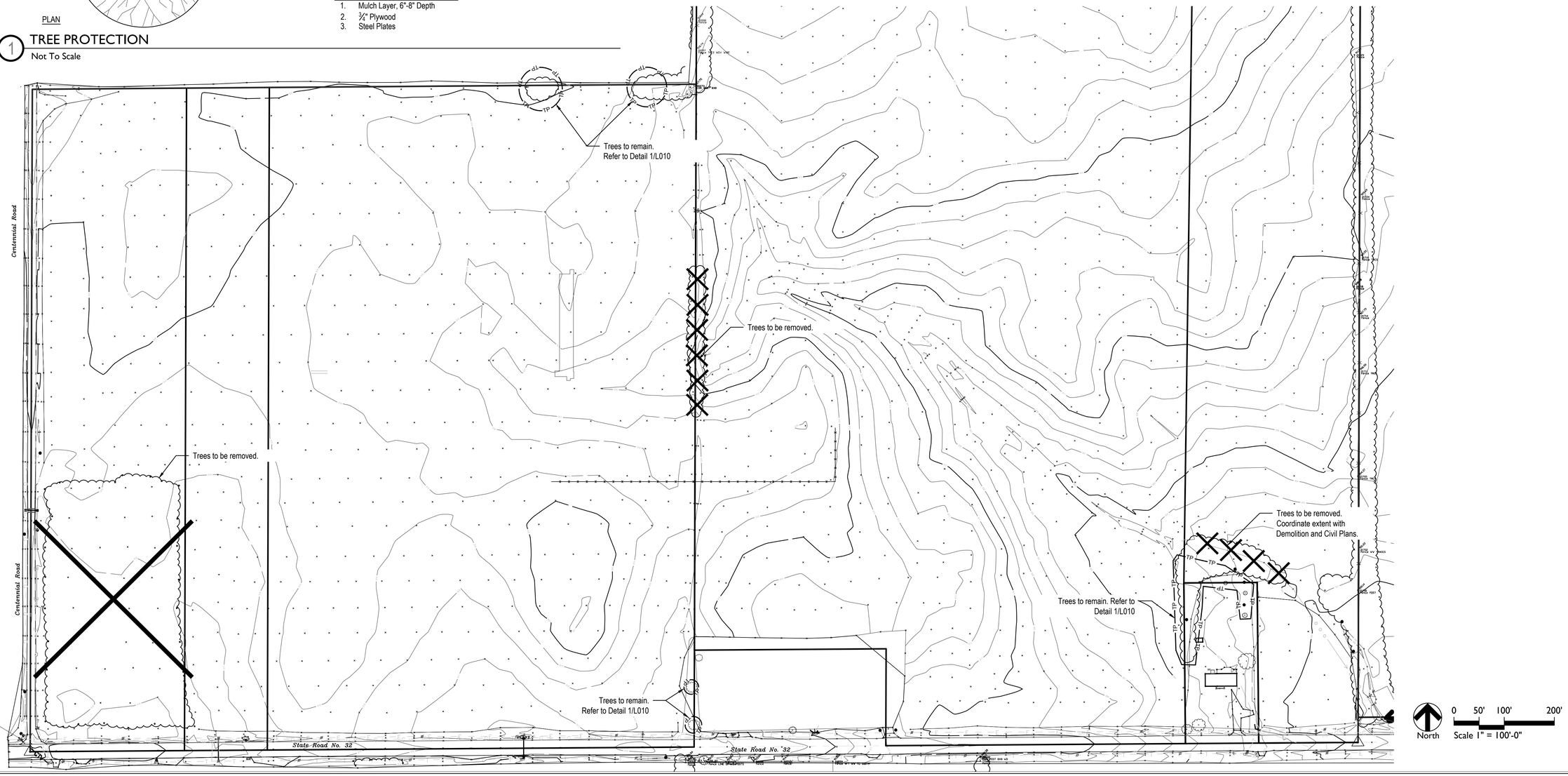
*SURFACE PROTECTION MEASURES
1. Mulch Layer, 6"-8" Depth
2. ¾" Plywood
3. Steel Plates

GENERAL TREE PROTECTION NOTES

1. Underground utilities, if shown, are based on above ground indications and construction drawings on file with the Owner. There is no guarantee that all underground utilities in service or abandoned are shown. Underground utilities are shown as accurately as possible but still may not be exact. No physical underground utility locations were made.
2. Tree Protection Fencing locations are fixed. Install exactly where shown on these plans. Any adjustments to fencing locations must be approved by the Owner. Damages will be assessed if tree protection fence location is adjusted without Owner approval. Fence deviation from this plan or approved change will be corrected by the General Contractor prior to the start of construction.
3. All tree pruning and limb restraint will be performed under the direct supervision of a Certified Arborist. Contractor shall not prune trees or restrain limbs.
4. No staging, equipment, material storage, or vehicles are allowed on non-paved areas unless indicated otherwise on plan.
5. Abandon all utilities to be removed when located within a Protected Root Zone.
6. Backfill all depressed and void areas with top soil following removal of vegetation. Soil shall be free of debris. Compact soils to ensure settling and sedimentation do not occur.
7. Coordinate locations of Tree Protection Fencing and Construction Fencing prior to the start of construction activities. In areas where Tree Protection and Construction Fences overlap, the Contractor may elect to install the more restrictive fence type of the two provided that the single fence accommodates the requirements of both fences.
8. Contractor may submit alternate methods of tree protection to Landscape Architect for Consideration.
9. Refer to Detail This Sheet and Specifications for Tree Protection Requirements.
10. Coordinate Timing of Tree Removal with Owner's Representative.

Legend

TP	Tree to Remain, Refer to Tree Protection Detail This Sheet
X	Tree to Remove



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317-485-6900 | www.context-design.com

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD. WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

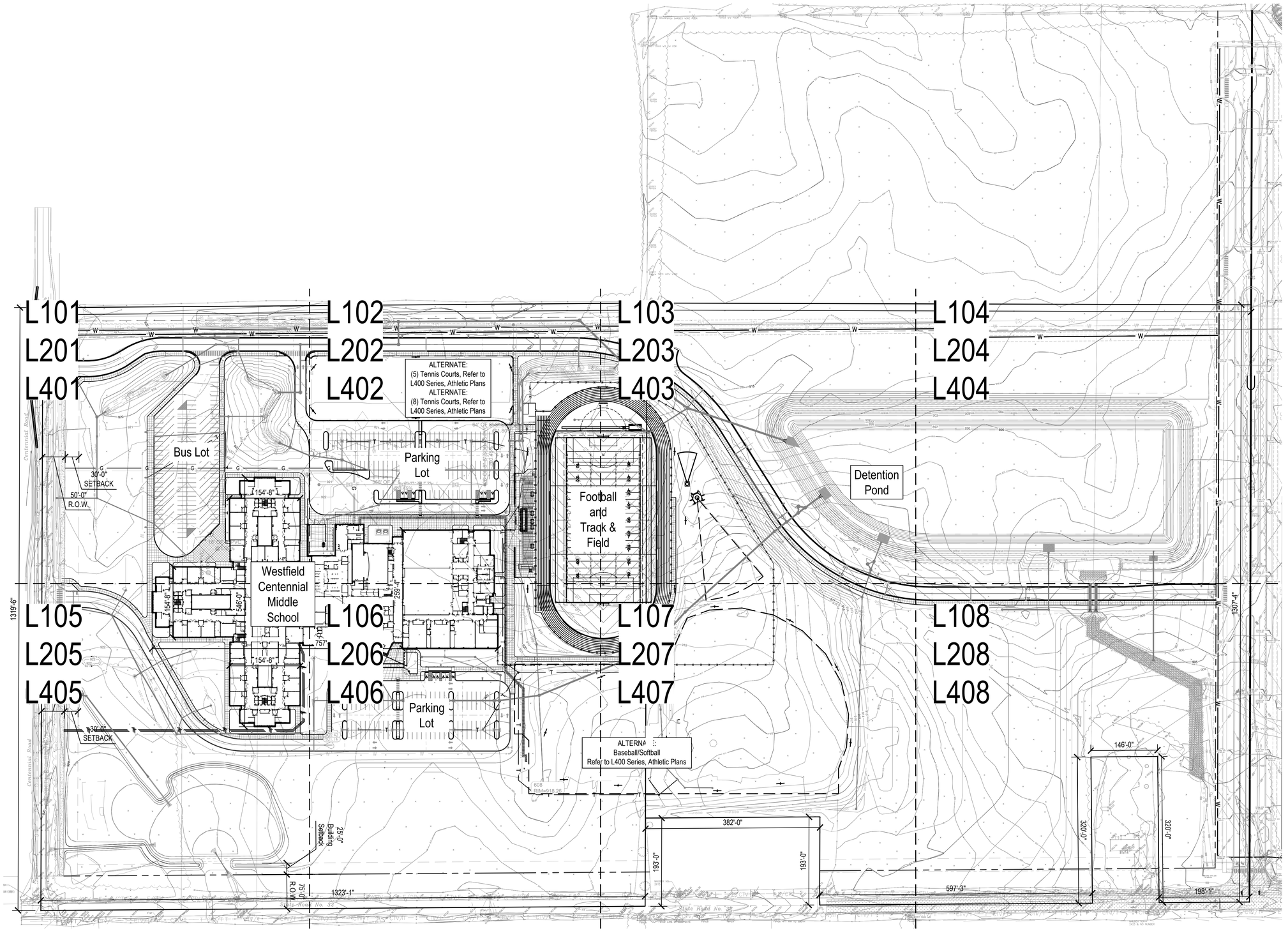
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	SS	FP

DRAWING TITLE:
TREE PRESERVATION PLAN

CERTIFIED BY:
FREDDIE J. PRAZEAU
REGISTERED
No. 20200052
STATE OF INDIANA
LANDSCAPE ARCHITECT

DRAWING NUMBER
L010

PROJECT NUMBER
2023016



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REVISIONS:

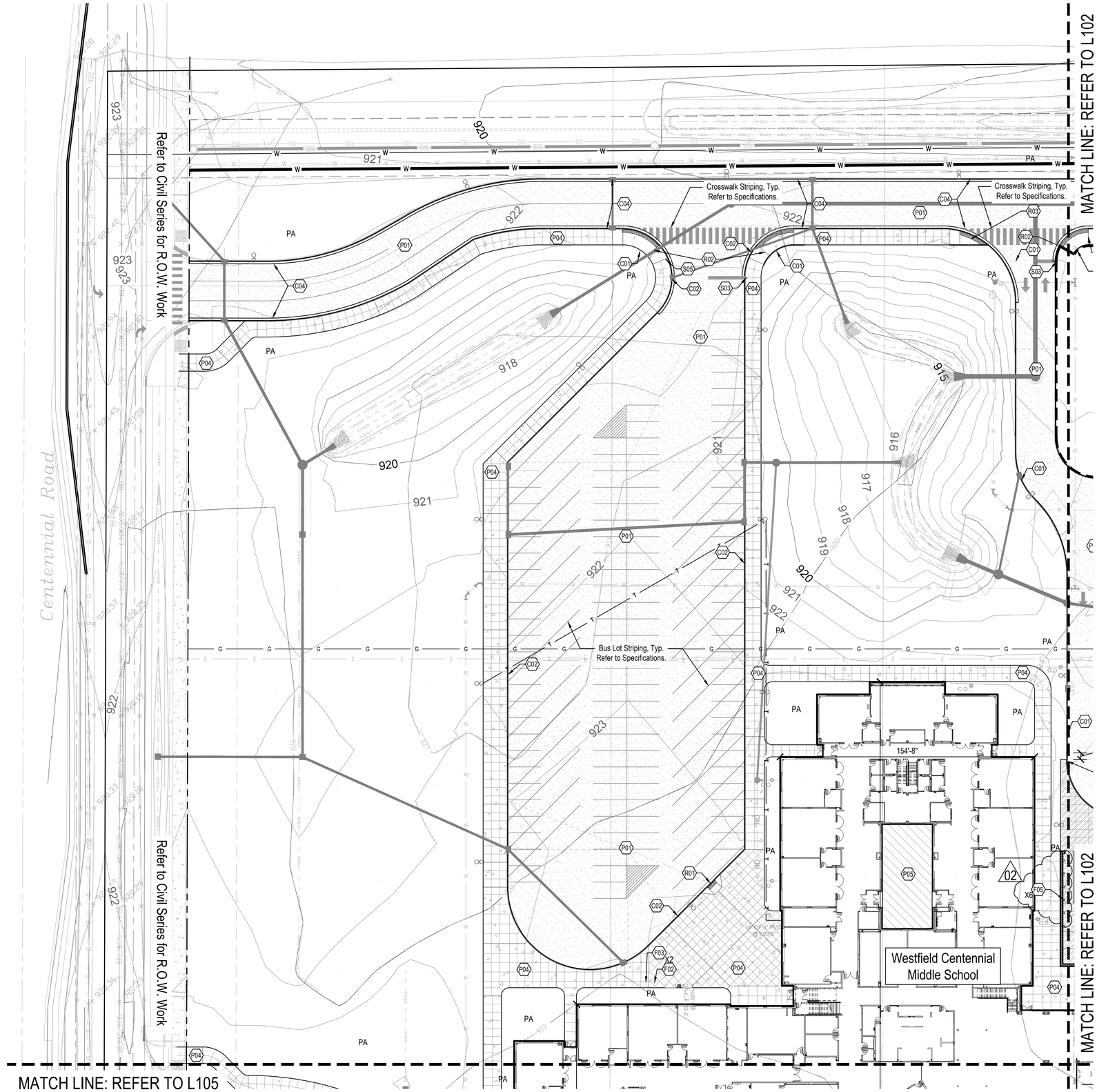
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	SS	FP

DRAWING TITLE:
REFERENCE PLAN

CERTIFIED BY:
FREDDIE J. PRAZEAU
REGISTERED
No. 20200052
STATE OF INDIANA
LANDSCAPE ARCHITECT

DRAWING NUMBER
L100

PROJECT NUMBER
2023016



	REFERENCE KEYNOTES
KEY	DESCRIPTION / REFERENCE
A	ARCHITECTURAL FEATURE REFER TO ARCHITECTURAL SHEETS
S	SITE / CIVIL FEATURE REFER TO CIVIL SERIES
D	GRADING / DRAINAGE FEATURE REFER TO CIVIL SERIES
E	MEP OR LIGHTING FEATURE REFER TO ELECTRICAL OR LIGHTING SERIES

	CURBS
KEY	DESCRIPTION / REFERENCE
C01	CURB, POST REFER TO SITE DETAIL 7/L500
C02	CURB, INTEGRAL REFER TO SITE DETAIL 8/L500
C03	CURB, FLUSH REFER TO SITE DETAIL 6/L500
C04	CURB AND GUTTER REFER TO SITE DETAIL 9/L500
C05	WHEEL STOP REFER TO SITE DETAIL 8/L501

	FURNISHINGS
KEY	DESCRIPTION / REFERENCE
F01	BIKE RACK INSTALLATION REFER TO DETAIL 11/L501 AND SPECIFICATION 12 93 00
F02	TRASH RECEPTACLES REFER TO SPECIFICATION 12 93 00
F03	BENCHES REFER TO SPECIFICATION 12 93 00
F04	FLAGPOLE REFER TO DETAIL 12/L501 & SPECIFICATION 12 93 00
F05	8" DIA. STEEL PROTECTIVE BOLLARDS REFER TO DETAIL 10/L501 AND SPECIFICATION 05 50 01

	GATES & FENCING
KEY	DESCRIPTION / REFERENCE
G01	6'-0" HT. CHAIN-LINK FENCE, GROUNDED, VINYL COATED, BLACK, REFER TO SPECIFICATION 32 31 13
G02	DOUBLE LEAF SWING GATE, 6'-0" OPENING, GROUNDED, MATCH HEIGHT OF ADJACENT FENCING REFER TO SPECIFICATION 32 31 13
G03	VEHICULAR SWING GATE, REFER TO SPECIFICATION 32 31 13
G04	DOUBLE LEAF GATE WITH TIE-BACK POSTS, 10'-0" OPENING, GROUNDED, MATCH HEIGHT OF ADJACENT FENCING, REFER TO SPECIFICATION 32 31 13
G05	SINGLE LEAF SWING GATE, 6'0" OPENING, GROUNDED, MATCH HEIGHT OF ADJACENT FENCING REFER TO SPECIFICATION 32 31 13
G06	ENTRY GATE, REFER TO SHEET A333
G07	ORNAMENTAL FENCE, REFER TO SPECIFICATION 32 31 13

	PAVEMENT
KEY	DESCRIPTION / REFERENCE
P01	ASPHALT, HEAVY DUTY REFER TO SITE DETAIL 1/L500 AND SPECIFICATION 32 12 16
P02	ASPHALT, STANDARD DUTY REFER TO SITE DETAIL 2/L500 AND SPECIFICATION 32 12 16
P03	CONCRETE, HEAVY DUTY REFER TO SITE DETAIL 3& 5/L500 AND SPECIFICATION 32 13 16
P04	CONCRETE, STANDARD DUTY REFER TO SITE DETAIL 4 & 6/L500 AND SPECIFICATION 32 13 16
P05	CONCRETE, STANDARD DUTY, STAMPED REFER TO SITE DETAIL 4 & 5/L500 SPECIFICATION 32 13 17
P06	SHOT PUT PIT, REFER TO DETAIL 8/L513

	RAMPS & STAIRS
KEY	DESCRIPTION / REFERENCE
R01	PERPENDICULAR CURB RAMP WITH FLARES REFER TO SITE DETAIL 2/L501
R02	PARALLEL CURB RAMP REFER TO SITE DETAIL 3/L501
R03	STRAIGHT RAMP REFER TO SITE DETAIL 4/L501
R04	NOT USED
R05	RETAINING WALL STAIRS WITH HANDRAIL REFER TO DETAIL 1 & 3/L502, REFER TO ARCHITECTURAL SHEETS FOR CHEEK WALL
R06	SINGLE RISER AT TENNIS COURTS, REFER TO DETAIL 6/L502
R07	3-RISER STAIRS WITH RETAINING WALL, REFER TO DETAILS 3-5/L502

	SIGNAGE
KEY	DESCRIPTION / REFERENCE
S01	ADA ACCESSIBLE PARKING SIGN REFER TO SITE DETAIL 7/L501
S02	ACCESSIBLE PARKING STRIPING & SYMBOL REFER TO SITE DETAIL 5 & 6/L501
S03	STOP SIGN REFER TO SITE DETAIL 9/L501
S04	PEDESTRIAN CROSSING REFER TO SITE DETAIL 9/L501
S05	BUS ONLY REFER TO SITE DETAIL 9/L501

	WALLS
KEY	DESCRIPTION / REFERENCE
W01	RETAINING WALL REFER TO DETAIL 2/L502

	PLANTING
KEY	DESCRIPTION / REFERENCE
PA	PLANTED AREA

North

0 15' 30' 60'

Scale 1" = 30'-0"

W

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD. WESTFIELD, IN 46074

SCOPE DRAWINGS:

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REVISIONS:

1	Addendum 1	2024/06/07
T1	TAC Response	2024/06/27
2	Addendum 5	2024/08/09

ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	SS	FP

DRAWING TITLE:

MATERIALS & NOTES

CERTIFIED BY:

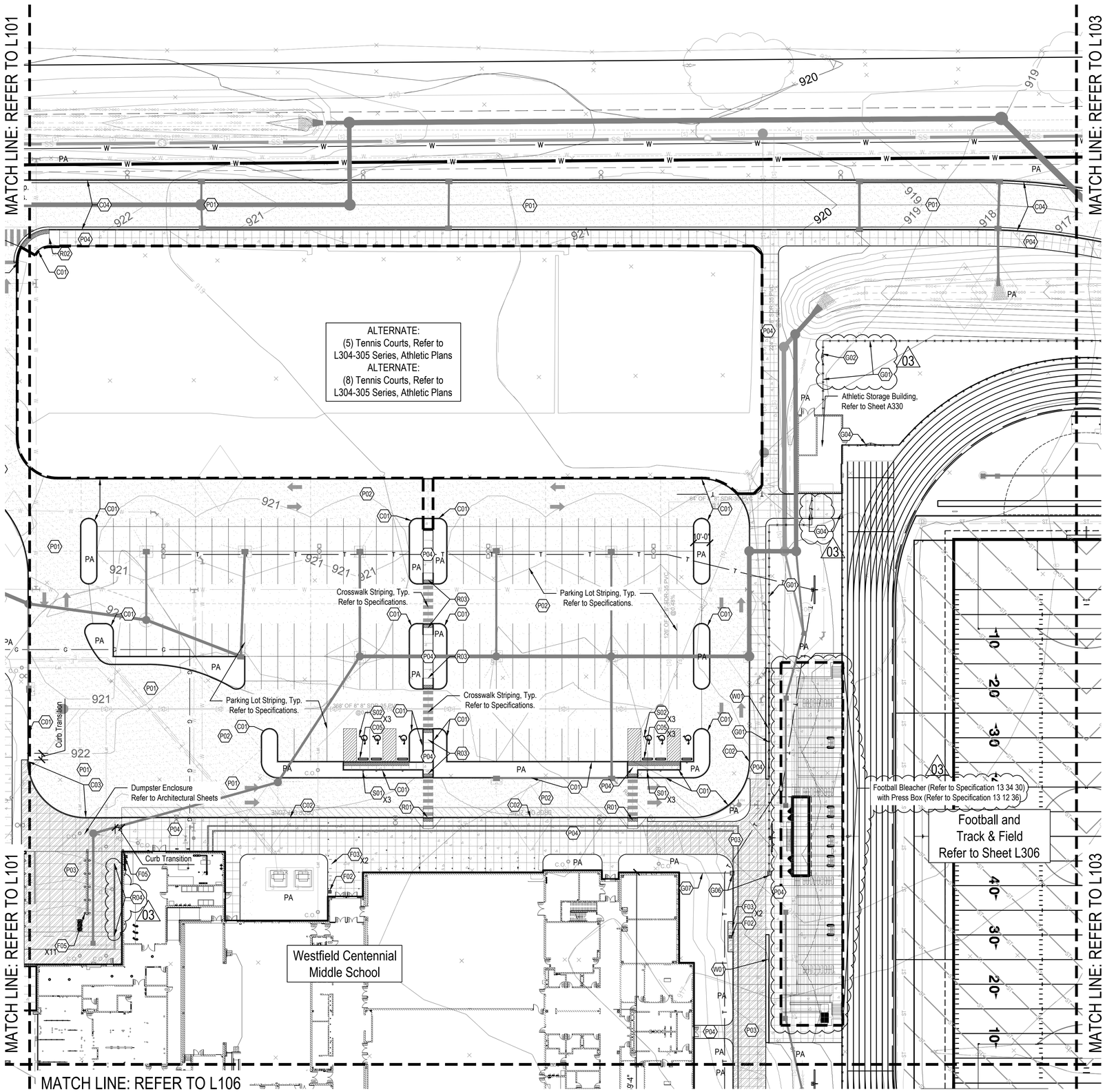
FREDDIE J. PRAZEAU
REGISTERED
No. 20200052
STATE OF INDIANA
LANDSCAPE ARCHITECT

DRAWING NUMBER

L101

PROJECT NUMBER

2023016



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F04	FLAGPOLE REFER TO DETAIL 12/L501 & SPECIFICATION 12 93 00
F05	8" DIA. STEEL PROTECTIVE BOLLARDS REFER TO DETAIL 10/L501 AND SPECIFICATION 05 50 01

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G05	SINGLE LEAF GATE, 4'-0" OPENING, GROUNDED, MATCH HEIGHT OF ADJACENT FENCING REFER TO SPECIFICATION 32 31 13
G06	ENTRY GATE, REFER TO SHEET A333
G07	ORNAMENTAL FENCE, REFER TO SPECIFICATION 32 31 13

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P04	CONCRETE, STANDARD DUTY REFER TO SITE DETAIL 4 & 5/L500 AND SPECIFICATION 32 13 16
P05	CONCRETE, STANDARD DUTY, STAMPED REFER TO SITE DETAIL 4 & 5/L500 SPECIFICATION 32 13 17
P06	SHOT PUT PIT, REFER TO DETAIL 8/L513

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R03	STRAIGHT RAMP REFER TO SITE DETAIL 1/L501
R04	GUARDRAIL, REFER TO DETAIL 10/L500
R05	MEN'S RESTROOM - STAIRS TO BASEMENT REFER TO DETAIL 1 & 3/L502, REFER TO ARCHITECTURAL SHEETS FOR CHEEK WALL
R06	SINGLE RISER AT TENNIS COURTS, REFER TO DETAIL 6/L502
R07	3-RISER STAIRS WITH RETAINING WALL, REFER TO DETAILS 3-5/L502

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	WALLS
KEY	DESCRIPTION / REFERENCE
W01	RETAINING WALL REFER TO DETAIL 2/L502

	PLANTING
KEY	DESCRIPTION / REFERENCE
PA	PLANTED AREA

North

0 15' 30' 60'

Scale 1" = 30'-0"

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REVISIONS:

1	Addendum 1	2024/06/07
T1	TAC Response	2024/06/27
2	Addendum 5	2024/08/09
3	Addendum 6	2024/08/16

ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	SS	FP

DRAWING TITLE:

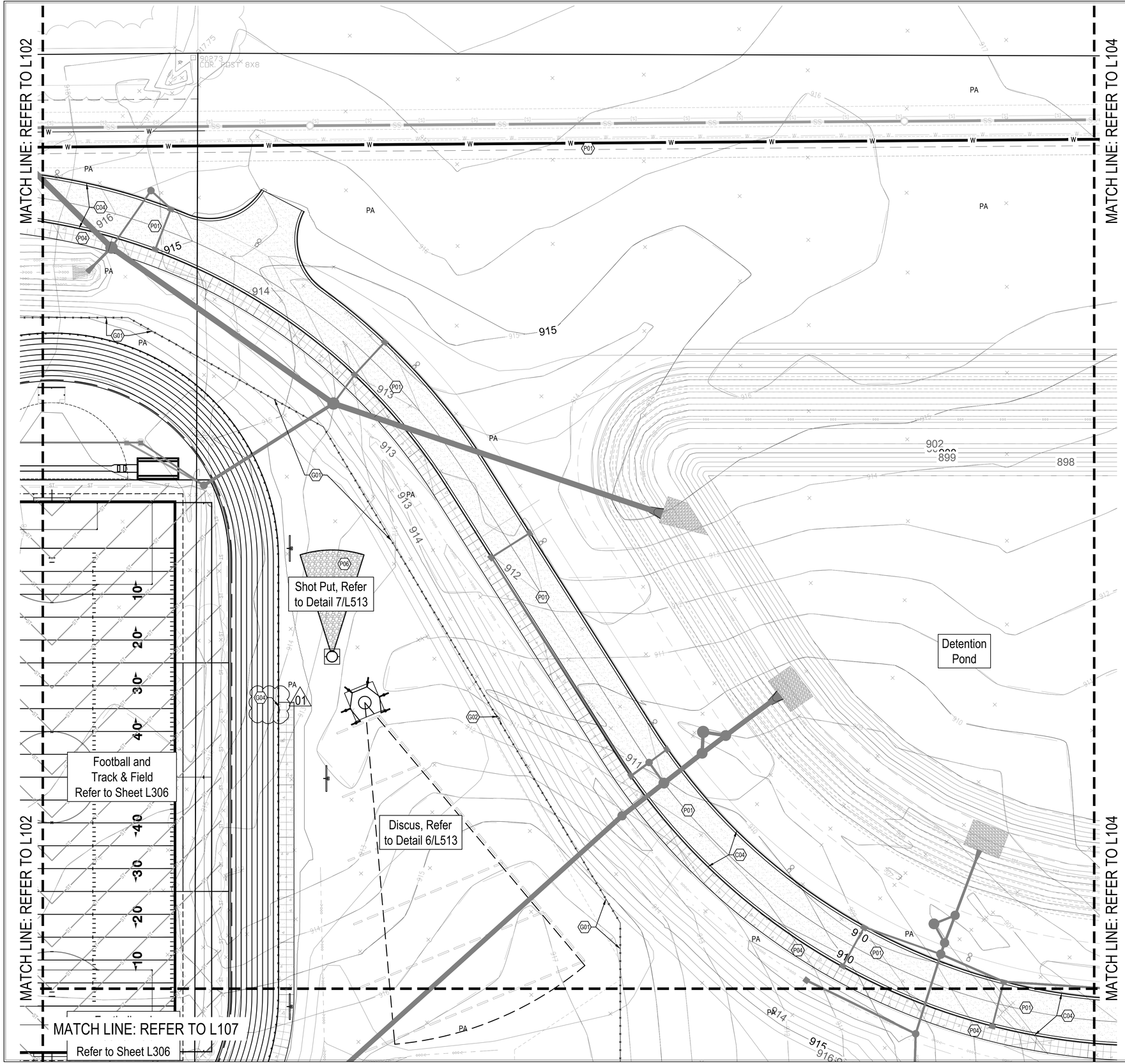
MATERIALS & NOTES

CERTIFIED BY:

FREDDIE J. PRAZEAU
REGISTERED
No. 20200052
STATE OF INDIANA
LANDSCAPE ARCHITECT

DRAWING NUMBER
L102

PROJECT NUMBER
2023016



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G05	SINGLE DRIVING GATE, 24' OPENING, GROUNDED, MATCH HEIGHT OF ADJACENT FENCING REFER TO SPECIFICATION 32 31 13
G06	ENTRY GATE, REFER TO SHEET A333
G07	ORNAMENTAL FENCE, REFER TO SPECIFICATION 32 31 13

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P03	CONCRETE, HEAVY DUTY REFER TO SITE DETAIL 3& 5/L500 AND SPECIFICATION 32 13 16
P04	CONCRETE, STANDARD DUTY REFER TO SITE DETAIL 4 & 5/L500 AND SPECIFICATION 32 13 16
P05	CONCRETE, STANDARD DUTY, STAMPED REFER TO SITE DETAIL 4 & 5/L500 SPECIFICATION 32 13 17
P06	SHOT PUT PIT, REFER TO DETAIL 8/L513

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R03	STRAIGHT RAMP REFER TO SITE DETAIL 10/L501
R04	GUARDRAIL, REFER TO DETAIL 10/L500
R05	HAND RAILINGS, STAND OFF HANDRAIL REFER TO DETAIL 1 & 3/L502, REFER TO ARCHITECTURAL SHEETS FOR CHEEK WALL
R06	SINGLE RISER AT TENNIS COURTS, REFER TO DETAIL 6/L502
R07	3-RISER STAIRS WITH RETAINING WALL, REFER TO DETAILS 3-5/L502

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KEY	DESCRIPTION / REFERENCE
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	PLANTING
KEY	DESCRIPTION / REFERENCE
PA	PLANTED AREA

North

0 15' 30' 60'

Scale 1" = 30'-0"

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SCOPE DRAWINGS:
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REVISIONS:
1 Addendum 6 2024/08/16

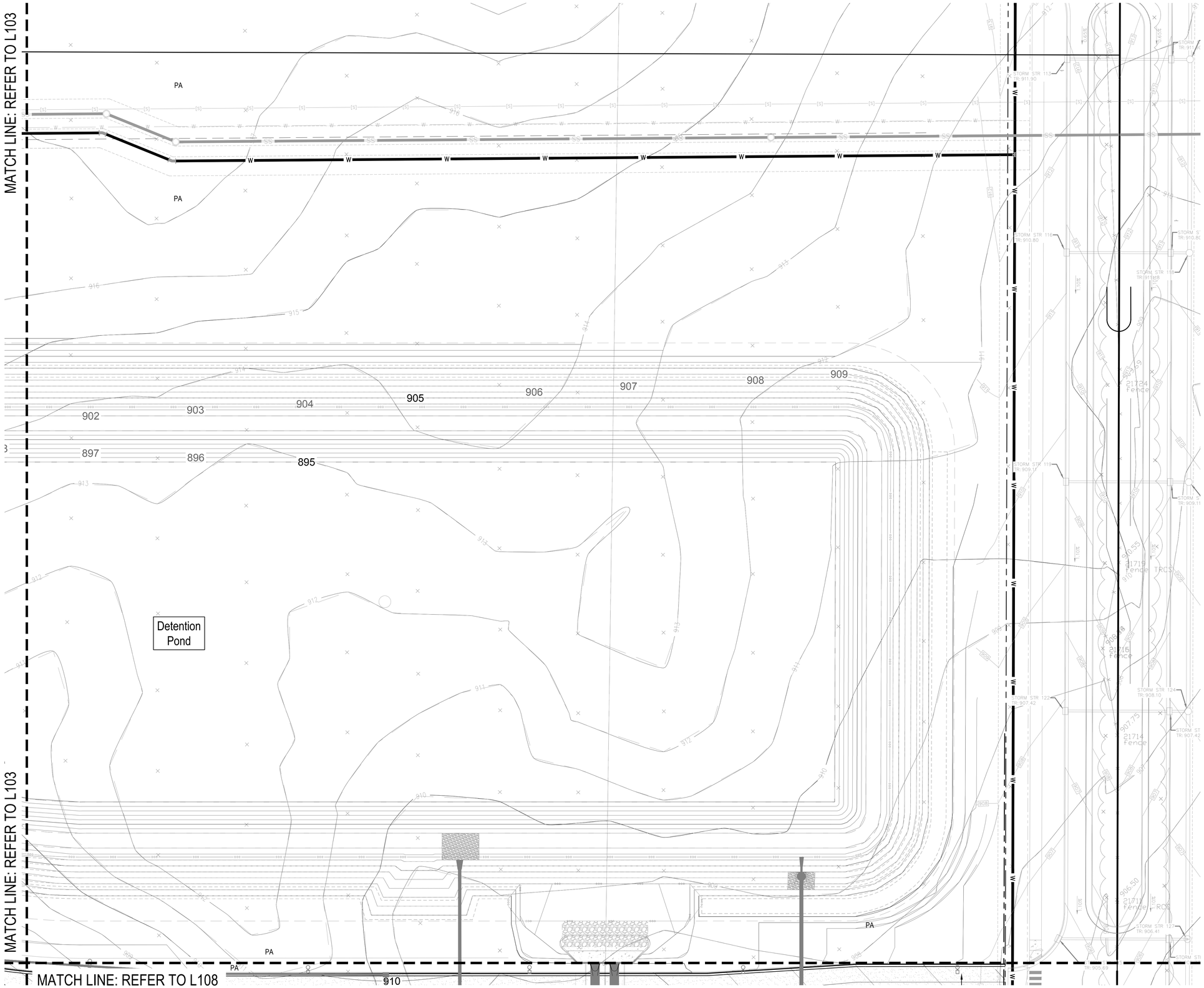
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	SS	FP

DRAWING TITLE:
MATERIALS & NOTES

CERTIFIED BY:
FREDDIE J. PRAZEAU
REGISTERED
No. 20200052
STATE OF INDIANA
LANDSCAPE ARCHITECT

DRAWING NUMBER
L103

PROJECT NUMBER
2023016



	REFERENCE KEYNOTES
KEY	DESCRIPTION / REFERENCE
A	ARCHITECTURAL FEATURE REFER TO ARCHITECTURAL SHEETS
S	SITE / CIVIL FEATURE REFER TO CIVIL SERIES
G	GRADING / DRAINAGE FEATURE REFER TO CIVIL SERIES
E	MEP OR LIGHTING FEATURE REFER TO ELECTRICAL OR LIGHTING SERIES

	CURBS
KEY	DESCRIPTION / REFERENCE
C01	CURB, POST REFER TO SITE DETAIL 7/L500
C02	CURB, INTEGRAL REFER TO SITE DETAIL 8/L500
C03	CURB, FLUSH REFER TO SITE DETAIL 6/L500
C04	CURB AND GUTTER REFER TO SITE DETAIL 9/L500
C05	WHEEL STOP REFER TO SITE DETAIL 8/L501

	FURNISHINGS
KEY	DESCRIPTION / REFERENCE
F01	BIKE RACK INSTALLATION REFER TO DETAIL 11/L501 AND SPECIFICATION 12 93 00
F02	TRASH RECEPTACLES REFER TO SPECIFICATION 12 93 00
F03	BENCHES REFER TO SPECIFICATION 12 93 00
F04	FLAGPOLE REFER TO DETAIL 12/L501 & SPECIFICATION 12 93 00
F05	8" DIA. STEEL PROTECTIVE BOLLARDS REFER TO DETAIL 10/L501 AND SPECIFICATION 05 50 01

	GATES & FENCING
KEY	DESCRIPTION / REFERENCE
G01	6'-0" HT. CHAIN-LINK FENCE, GROUNDED, VINYL COATED, BLACK, REFER TO SPECIFICATION 32 31 13
G02	DOUBLE LEAF SWING GATE, 8'-0" OPENING, GROUNDED, MATCH HEIGHT OF ADJACENT FENCING REFER TO SPECIFICATION 32 31 13
G03	VEHICULAR SWING GATE, REFER TO SPECIFICATION 32 31 13
G04	DOUBLE LEAF GATE WITH TIE-BACK POSTS, 10'-0" OPENING, GROUNDED, MATCH HEIGHT OF ADJACENT FENCING, REFER TO SPECIFICATION 32 31 13
G05	SINGLE LEAF SWING GATE, 6'0" OPENING, GROUNDED, MATCH HEIGHT OF ADJACENT FENCING REFER TO SPECIFICATION 32 31 13
G06	DOUBLE LEAF GATE WITH TIE-BACK POSTS, 20'-0" OPENING, GROUNDED, MATCH HEIGHT OF ADJACENT FENCING, REFER TO SPECIFICATION 32 31 13

	PAVEMENT
KEY	DESCRIPTION / REFERENCE
P01	ASPHALT, HEAVY DUTY REFER TO SITE DETAIL 1/L500 AND SPECIFICATION 32 12 16
P02	ASPHALT, STANDARD DUTY REFER TO SITE DETAIL 2/L500 AND SPECIFICATION 32 12 16
P03	CONCRETE, HEAVY DUTY REFER TO SITE DETAIL 3& 5/L500 AND SPECIFICATION 32 13 16
P04	CONCRETE, STANDARD DUTY REFER TO SITE DETAIL 4 & 6/L500 AND SPECIFICATION 32 13 16
P05	CONCRETE, STANDARD DUTY, STAMPED REFER TO SITE DETAIL 4 & 5/L500 SPECIFICATION 32 13 17
P06	SHOT PUT PIT, REFER TO DETAIL 8/L513

	RAMPS & STAIRS
KEY	DESCRIPTION / REFERENCE
R01	PERPENDICULAR CURB RAMP WITH FLARES REFER TO SITE DETAIL 2/L501
R02	PARALLEL CURB RAMP REFER TO SITE DETAIL 3/L501
R03	STRAIGHT RAMP REFER TO SITE DETAIL 1/L501
R04	TRUNCATED DOMES WITH NO RAMP REFER TO SITE DETAIL 4/L501
R05	MAIN ENTRANCE STAIRS WITH HANDRAIL REFER TO DETAIL 1 & 3/L502, REFER TO ARCHITECTURAL SHEETS FOR CHEEK WALL
R06	SINGLE RISER AT TENNIS COURTS, REFER TO DETAIL 6/L502
R07	3-RISER STAIRS WITH RETAINING WALL, REFER TO DETAILS 3-5/L502

	SIGNAGE
KEY	DESCRIPTION / REFERENCE
S01	ADA ACCESSIBLE PARKING SIGN REFER TO SITE DETAIL 7/L501
S02	ACCESSIBLE PARKING STRIPING & SYMBOL REFER TO SITE DETAIL 5 & 6/L501
S03	STOP SIGN REFER TO SITE DETAIL 9/L501
S04	PEDESTRIAN CROSSING REFER TO SITE DETAIL 9/L501
S05	BUS ONLY REFER TO SITE DETAIL 9/L501

	WALLS
KEY	DESCRIPTION / REFERENCE
W01	RETAINING WALL REFER TO DETAIL 2/L502

	PLANTING
KEY	DESCRIPTION / REFERENCE
PA	PLANTED AREA

North

0 15' 30' 60'

Scale 1" = 30'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD. WESTFIELD, IN 46074

SCOPE DRAWINGS:
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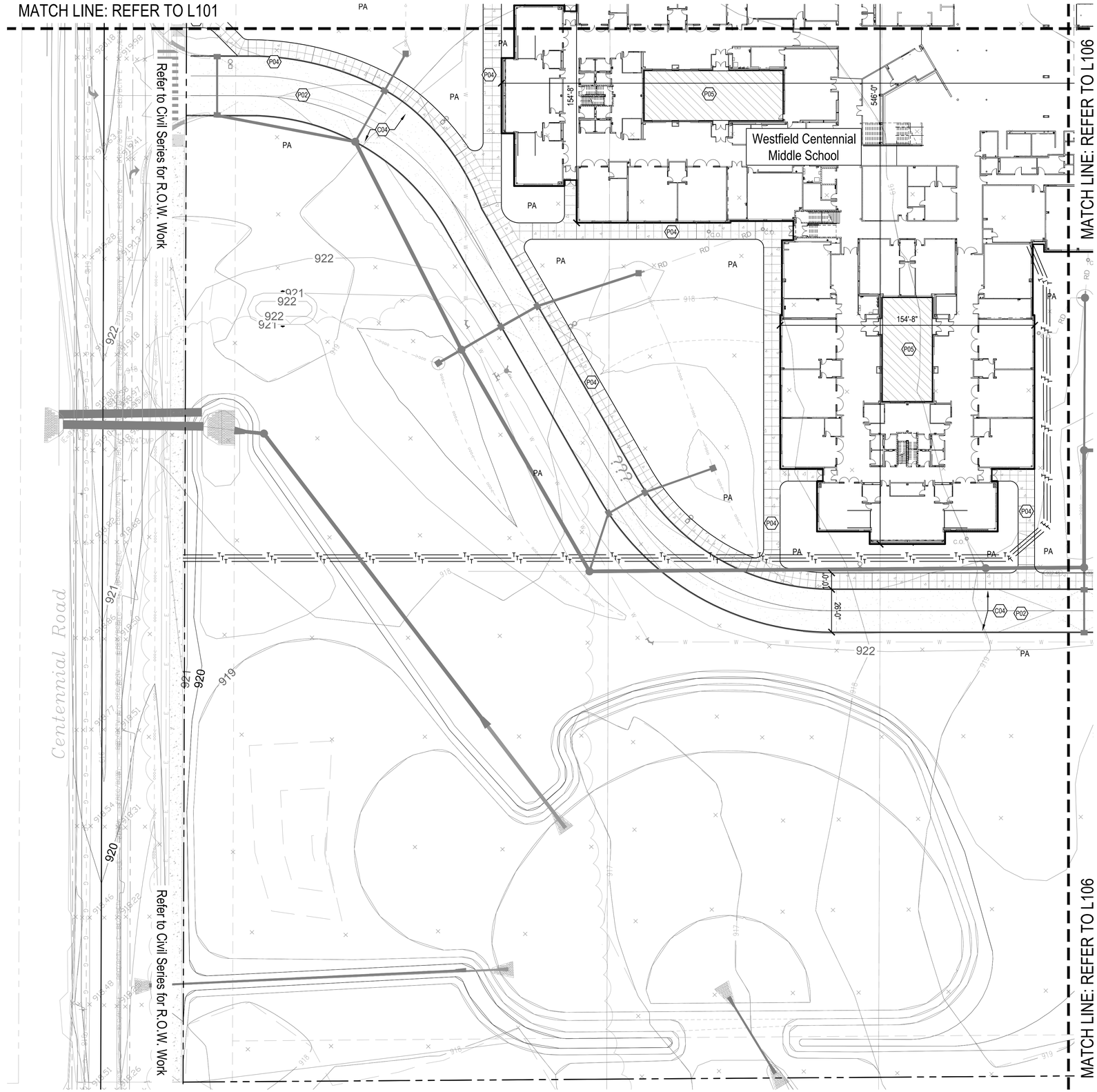

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G03	VEHICULAR SWING GATE, REFER TO SPECIFICATION 32 31 13
G04	DOUBLE LEAF GATE WITH TIE-BACK POSTS, 10'-0" OPENING, GROUNDED, MATCH HEIGHT OF ADJACENT FENCING, REFER TO SPECIFICATION 32 31 13
G05	SINGLE LEAF SWING GATE, 6'0" OPENING, GROUNDED, MATCH HEIGHT OF ADJACENT FENCING REFER TO SPECIFICATION 32 31 13
G06	DOUBLE LEAF GATE WITH TIE-BACK POSTS, 20'-0" OPENING, GROUNDED, MATCH HEIGHT OF ADJACENT FENCING, REFER TO SPECIFICATION 32 31 13

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KEY	DESCRIPTION / REFERENCE
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P05	CONCRETE, STANDARD DUTY, STAMPED REFER TO SITE DETAIL 4 & 5/L500 SPECIFICATION 32 13 17
P06	SHOT PUT PIT, REFER TO DETAIL 8/L513

	RAMPS & STAIRS
KEY	DESCRIPTION / REFERENCE
R01	PERPENDICULAR CURB RAMP WITH FLARES REFER TO SITE DETAIL 2/L501
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R04	TRUNCATED DOMES WITH NO RAMP REFER TO SITE DETAIL 4/L501
R05	MAIN ENTRANCE STAIRS WITH HANDRAIL REFER TO DETAIL 1 & 3/L502, REFER TO ARCHITECTURAL SHEETS FOR CHEEK WALL
R06	SINGLE RISER AT TENNIS COURTS, REFER TO DETAIL 6/L502
R07	3-RISER STAIRS WITH RETAINING WALL, REFER TO DETAILS 3-5/L502

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KEY	DESCRIPTION / REFERENCE
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S04	PEDESTRIAN CROSSING REFER TO SITE DETAIL 9/L501
S05	BUS ONLY REFER TO SITE DETAIL 9/L501

	WALLS
KEY	DESCRIPTION / REFERENCE
W01	RETAINING WALL REFER TO DETAIL 2/L502

	PLANTING
KEY	DESCRIPTION / REFERENCE
PA	PLANTED AREA

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WESTFIELD MIDDLE SCHOOL WEST
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SCOPE DRAWINGS:
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No. 20200052
STATE OF INDIANA
LANDSCAPE ARCHITECT

DRAWING NUMBER
L105

PROJECT NUMBER
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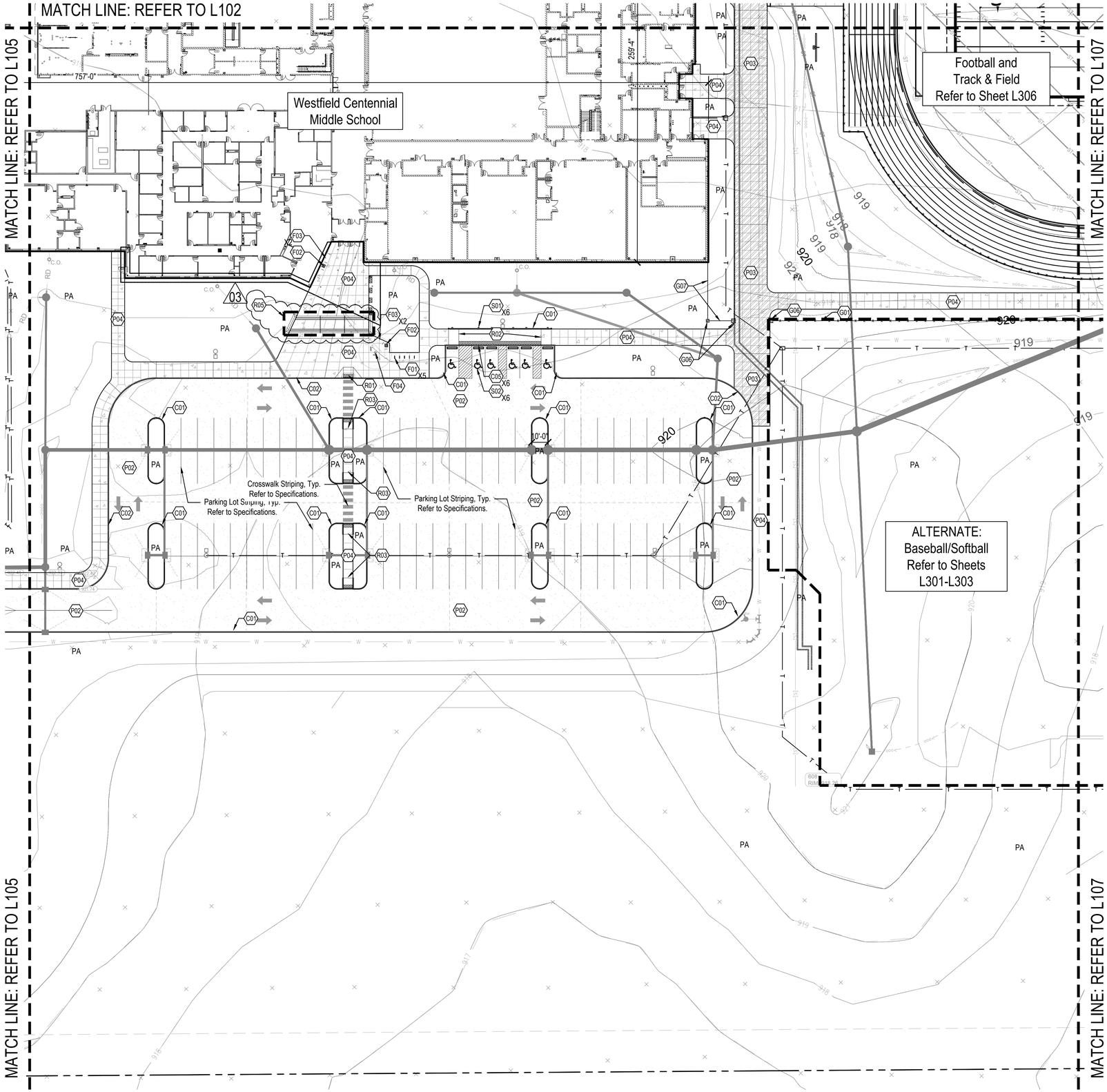

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C05	WHEEL STOP REFER TO SITE DETAIL 8/L501

	FURNISHINGS
KEY	DESCRIPTION / REFERENCE
F01	BIKE RACK INSTALLATION REFER TO DETAIL 11/L501 AND SPECIFICATION 12 93 00
F02	TRASH RECEPTACLES REFER TO SPECIFICATION 12 93 00
F03	BENCHES REFER TO SPECIFICATION 12 93 00
F04	FLAGPOLE REFER TO DETAIL 12/L501 & SPECIFICATION 12 93 00
F05	8" DIA. STEEL PROTECTIVE BOLLARDS REFER TO DETAIL 10/L501 AND SPECIFICATION 05 50 01

	GATES & FENCING
KEY	DESCRIPTION / REFERENCE
G01	6'-0" HT. CHAIN-LINK FENCE, GROUNDED, VINYL COATED, BLACK, REFER TO SPECIFICATION 32 31 13
G02	DOUBLE LEAF SWING GATE, 6'-0" OPENING, GROUNDED, MATCH HEIGHT OF ADJACENT FENCING REFER TO SPECIFICATION 32 31 13
G03	VEHICULAR SWING GATE, REFER TO SPECIFICATION 32 31 13
G04	DOUBLE LEAF GATE WITH TIE-BACK POSTS, 12'-0" OPENING, GROUNDED, MATCH HEIGHT OF ADJACENT FENCING, REFER TO SPECIFICATION 32 31 13
G05	SINGLE LEAF SWING GATE, 6'0" OPENING, GROUNDED, MATCH HEIGHT OF ADJACENT FENCING REFER TO SPECIFICATION 32 31 13
G06	ENTRY GATE, REFER TO SHEET A333
G07	ORNAMENTAL FENCE, REFER TO SPECIFICATION 32 31 13

	PAVEMENT
KEY	DESCRIPTION / REFERENCE
P01	ASPHALT, HEAVY DUTY REFER TO SITE DETAIL 1/L500 AND SPECIFICATION 32 12 16
P02	ASPHALT, STANDARD DUTY REFER TO SITE DETAIL 2/L500 AND SPECIFICATION 32 12 16
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	RAMPS & STAIRS
KEY	DESCRIPTION / REFERENCE
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R03	STRAIGHT RAMP REFER TO SITE DETAIL 1/L501
R04	GUARDRAIL, REFER TO DETAIL 10/L500
R05	RETAINING WALL STAIRS WITH HANDRAIL, REFER TO DETAIL 1 & 3/L502, REFER TO ARCHITECTURAL SHEETS FOR CHEEK WALL
R06	SINGLE RISER AT TENNIS COURTS, REFER TO DETAIL 6/L502
R07	3-RISER STAIRS WITH RETAINING WALL, REFER TO DETAILS 3-5/L502

	SIGNAGE
KEY	DESCRIPTION / REFERENCE
S01	ADA ACCESSIBLE PARKING SIGN REFER TO SITE DETAIL 7/L501
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S03	STOP SIGN REFER TO SITE DETAIL 9/L501
S04	PEDESTRIAN CROSSING REFER TO SITE DETAIL 9/L501
S05	BUS ONLY REFER TO SITE DETAIL 9/L501

	WALLS
KEY	DESCRIPTION / REFERENCE
W01	RETAINING WALL REFER TO DETAIL 2/L502

	PLANTING
KEY	DESCRIPTION / REFERENCE
PA	PLANTED AREA

North

0 15' 30' 60'

Scale 1" = 30'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD. WESTFIELD, IN 46074

SCOPE DRAWINGS:

These drawings indicate the general scope of the project and establish minimum standards for the construction of the building, the major architectural elements and the size of structural, mechanical and electrical systems.

The drawings do not necessarily indicate or describe all work required for full performance and completion of the construction of the work.

On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	Addendum 1	2024/06/07
T1	TAC Response	2024/06/27
2	Addendum 5	2024/08/09
3	Addendum 6	2024/08/16

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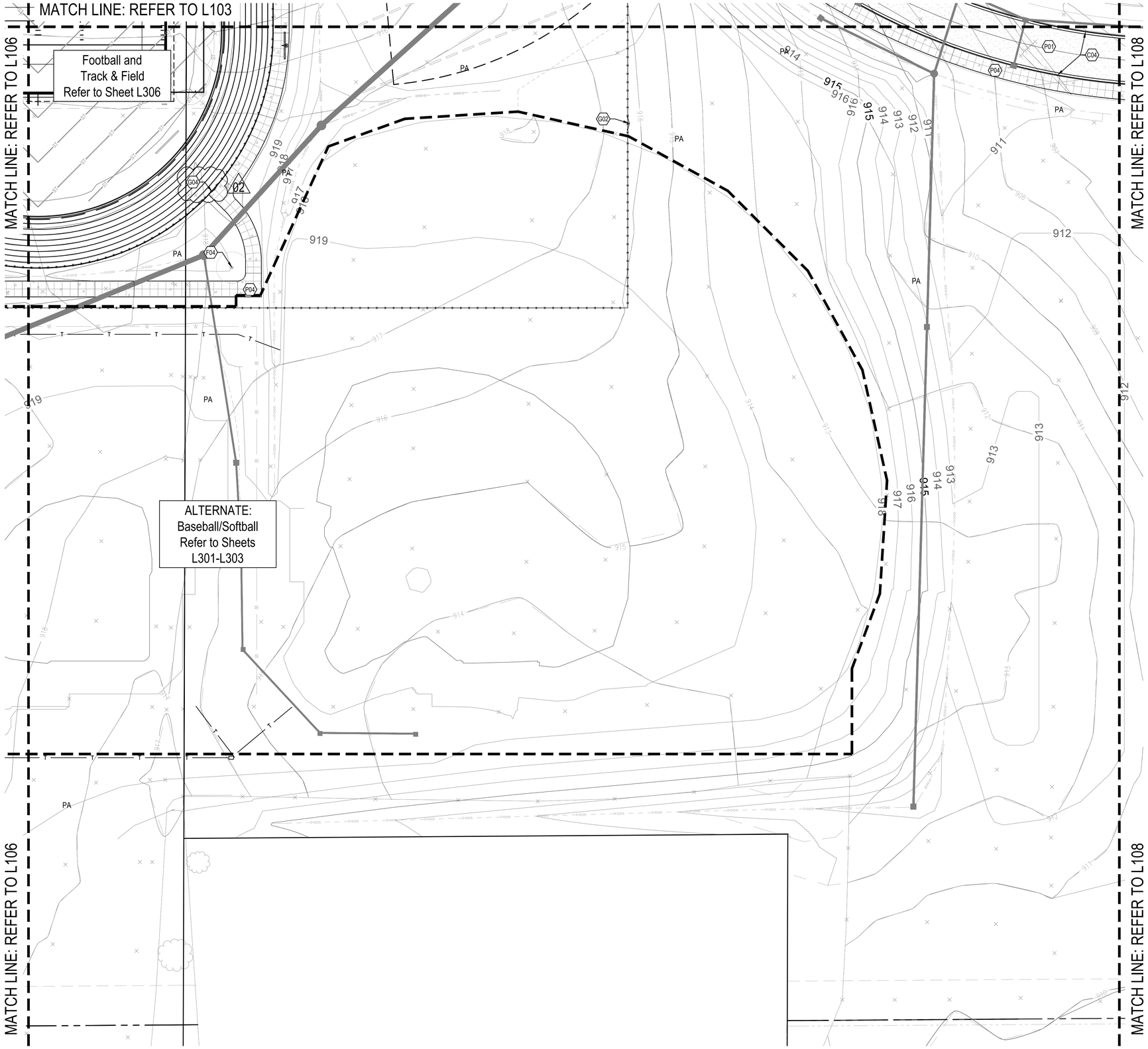

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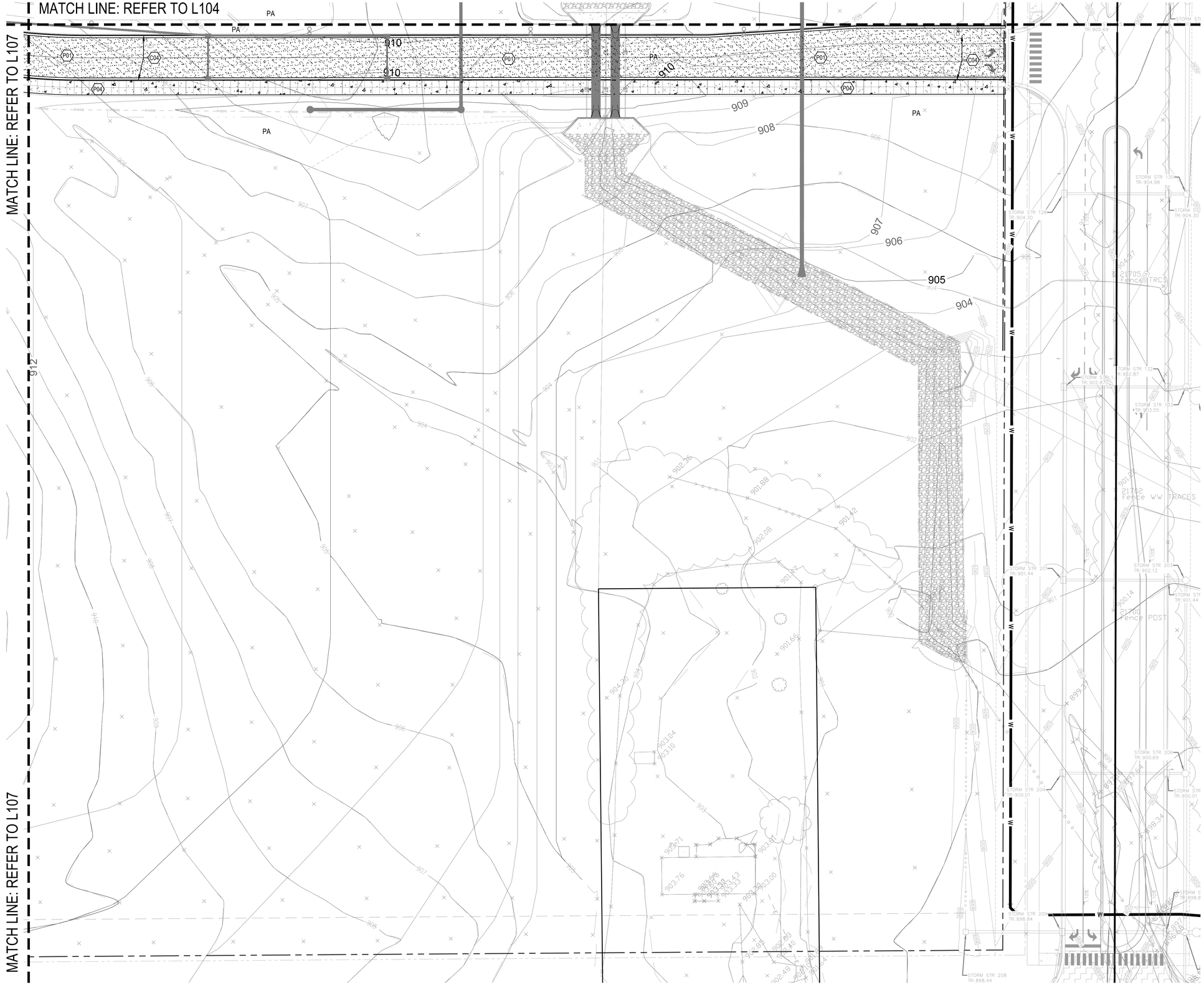

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G06	DOUBLE LEAF GATE WITH TIE-BACK POSTS, 20'-0" OPENING, GROUNDED, MATCH HEIGHT OF ADJACENT FENCING, REFER TO SPECIFICATION 32 31 13

	PAVEMENT
KEY	DESCRIPTION / REFERENCE
P01	ASPHALT, HEAVY DUTY REFER TO SITE DETAIL 1/L500 AND SPECIFICATION 32 12 16
P02	ASPHALT, STANDARD DUTY REFER TO SITE DETAIL 2/L500 AND SPECIFICATION 32 12 16
P03	CONCRETE, HEAVY DUTY REFER TO SITE DETAIL 3& 5/L500 AND SPECIFICATION 32 13 16
P04	CONCRETE, STANDARD DUTY REFER TO SITE DETAIL 4 & 5/L500 AND SPECIFICATION 32 13 16
P05	CONCRETE, STANDARD DUTY, STAMPED REFER TO SITE DETAIL 4 & 5/L500 SPECIFICATION 32 13 17
P06	SHOT PUT PIT, REFER TO DETAIL 8/L513

	RAMPS & STAIRS
KEY	DESCRIPTION / REFERENCE
R01	PERPENDICULAR CURB RAMP WITH FLARES REFER TO SITE DETAIL 2/L501
R02	PARALLEL CURB RAMP REFER TO SITE DETAIL 3/L501
R03	STRAIGHT RAMP REFER TO SITE DETAIL 1/L501
R04	TRUNCATED DOMES WITH NO RAMP REFER TO SITE DETAIL 4/L501
R05	MAIN ENTRANCE STAIRS WITH HANDRAIL REFER TO DETAIL 1 & 3/L502. REFER TO ARCHITECTURAL SHEETS FOR CHEEK WALL
R06	SINGLE RISER AT TENNIS COURTS, REFER TO DETAIL 6/L502
R07	3-RISER STAIRS WITH RETAINING WALL, REFER TO DETAILS 3-5/L502

	SIGNAGE
KEY	DESCRIPTION / REFERENCE
S01	ADA ACCESSIBLE PARKING SIGN REFER TO SITE DETAIL 7/L501
S02	ACCESSIBLE PARKING STRIPING & SYMBOL REFER TO SITE DETAIL 5 & 6/L501
S03	STOP SIGN REFER TO SITE DETAIL 9/L501
S04	PEDESTRIAN CROSSING REFER TO SITE DETAIL 9/L501
S05	BUS ONLY REFER TO SITE DETAIL 9/L501

	WALLS
KEY	DESCRIPTION / REFERENCE
W01	RETAINING WALL REFER TO DETAIL 2/L502

	PLANTING
KEY	DESCRIPTION / REFERENCE
PA	PLANTED AREA

North

0 15' 30' 60'

Scale 1" = 30'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD. WESTFIELD, IN 46074

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the general character of finishes and the type of structural, mechanical and electrical systems.

The drawings do not necessarily indicate or describe all work required for the performance and completion of the requirements of the Contract.

On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	SS	FP

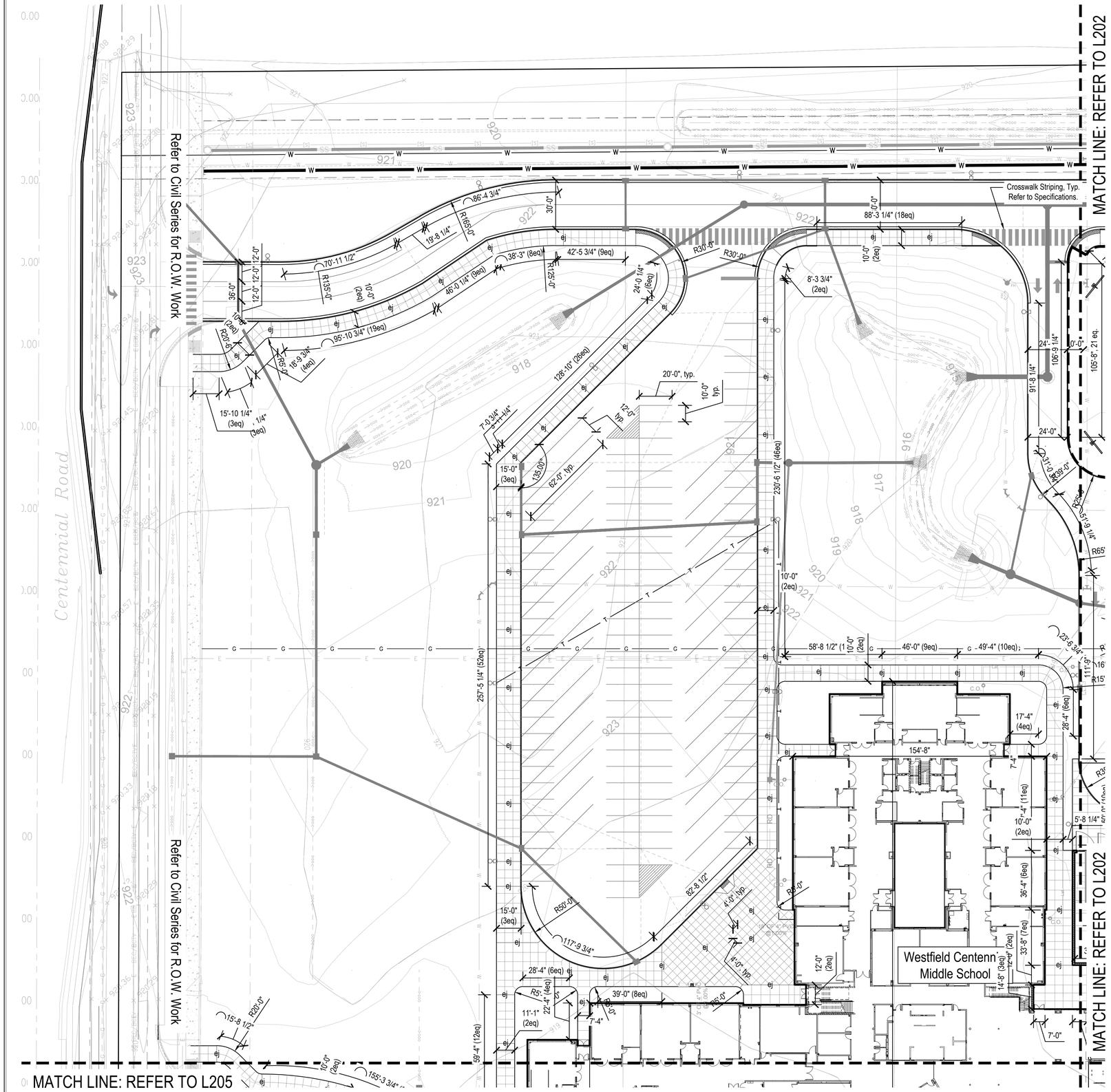
DRAWING TITLE:

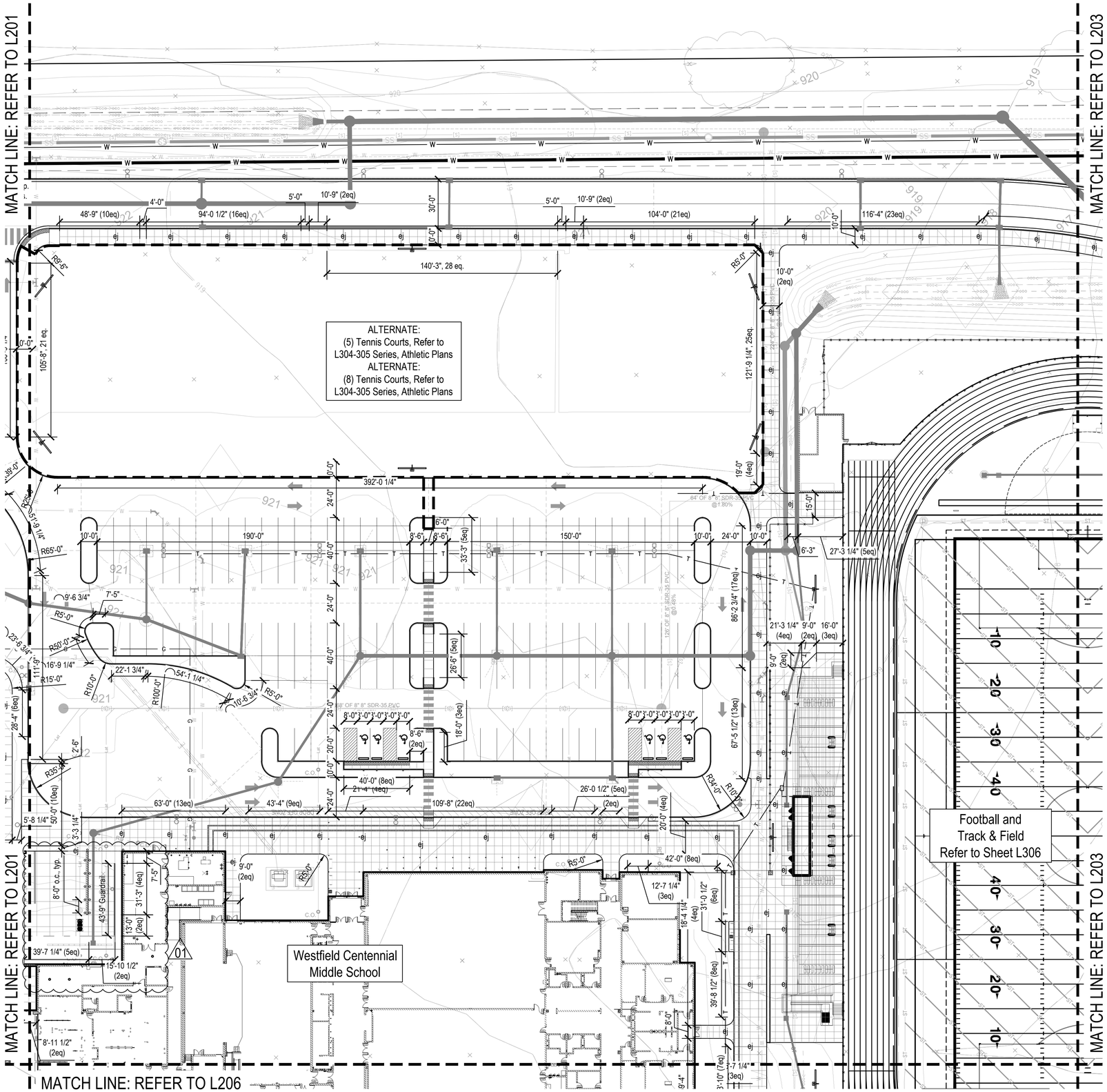
MATERIALS & NOTES

CERTIFIED BY:

DRAWING NUMBER
L108

PROJECT NUMBER
2023016


MATCH LINE: REFER TO L202
MATCH LINE: REFER TO L205
Refer to Civil Series for R.O.W. Work
Refer to Civil Series for R.O.W. Work
Centennial Road
Crosswalk Striping, Typ.
Refer to Specifications.
Westfield Centenn.
Middle School
88'-3 1/4" (18eq)
106'-9 1/4"
105'-8" 21 eq.
24'-0"
91'-8 1/4"
230'-6 1/2" (46eq)
257'-5 1/4" (52eq)
58'-8 1/2" (10eq)
46'-0" (9eq)
49'-4" (10eq)
154'-8"
126'-10" (26eq)
99'-10 3/4" (19eq)
46'-0 1/4" (9eq)
42'-5 3/4" (9eq)
38'-3" (8eq)
70'-11 1/2"
86'-4 3/4"
19'-8 1/4"
92'-8 1/2"
117'-9 3/4"
155'-3 3/4"
62'-0" typ.
20'-0", typ.
10'-0" typ.
12'-0" typ.
4'-0" typ.
4'-5" typ.
R30'-0"
R30'-0"
R50'-0"
R50'-0"
R65'-0"
R135'-0"
R135'-0"
R20'-0"
R20'-0"
R65'
R15'
R50'
135.00°
39'-0" (8eq)
28'-4" (6eq)
22'-4" (4eq)
11'-1" (2eq)
59'-4" (12eq)
36'-0"
30'-0"
15'-10 1/4" (3eq)
15'-0" (3eq)
15'-8 1/2"
16'-9 3/4" (4eq)
8'-3 3/4" (2eq)
17'-4" (4eq)
36'-4" (6eq)
33'-8" (7eq)
14'-8" (3eq)
12'-0" (2eq)
10'-0" (2eq)
7'-0"
5'-8 1/4"
111'-9"
23'-6 3/4"
51'-9 1/4"
24'-0"
0'-0"
7'-0 3/4"
7'-4"
7'-0"
24'-4" (6eq)
24'-4" (11eq)
R39'-0"
R25'-0"
R25'-0"
R25



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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD. WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	Addendum 6	2024/08/16

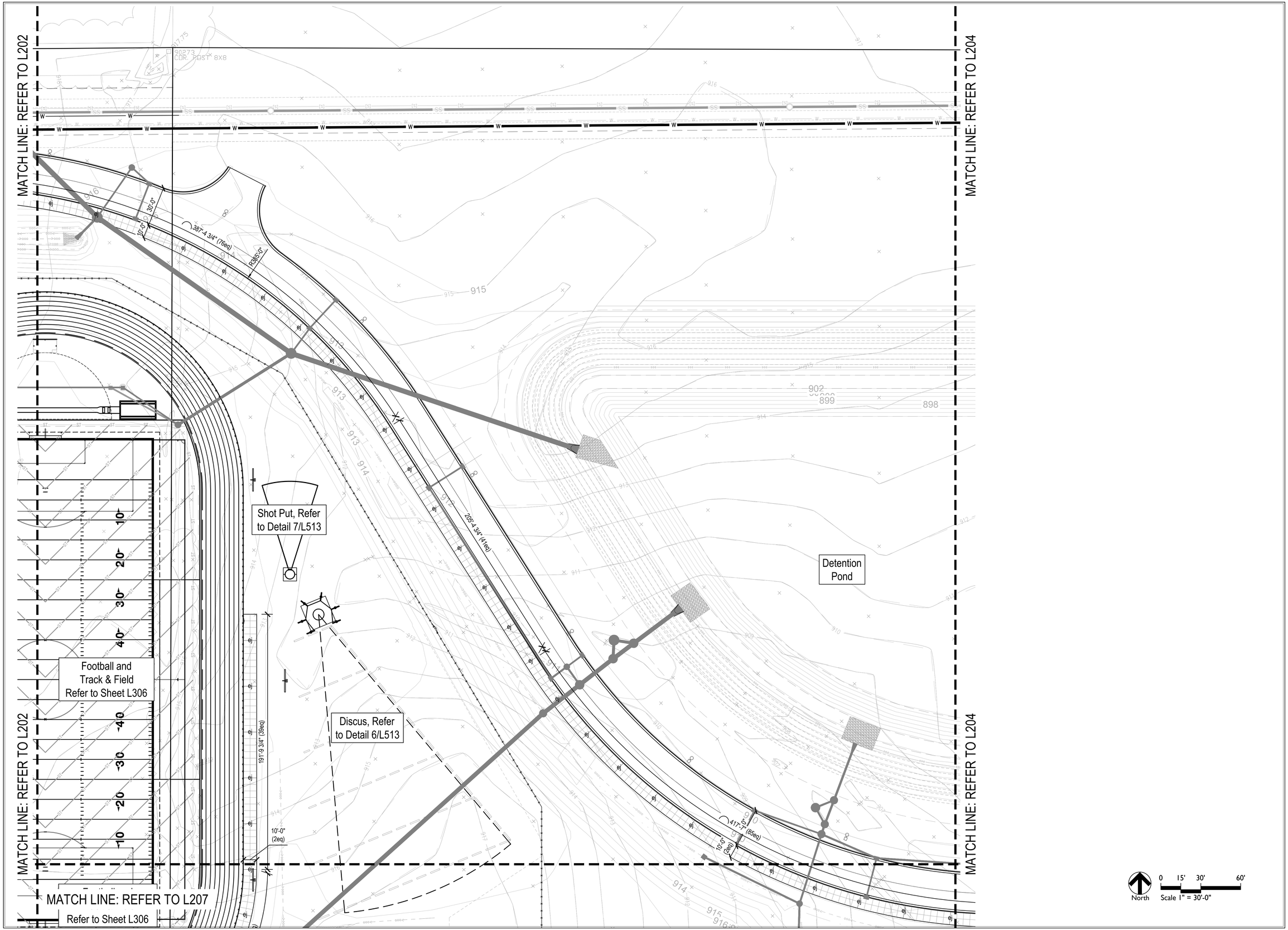
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	SS	FP

DRAWING TITLE:
LAYOUT PLAN

CERTIFIED BY:
FREDDIE J. PRAZEAU
REGISTERED
No. 20200052
STATE OF INDIANA
LANDSCAPE ARCHITECT

DRAWING NUMBER
L202

PROJECT NUMBER
2023016



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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD. WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

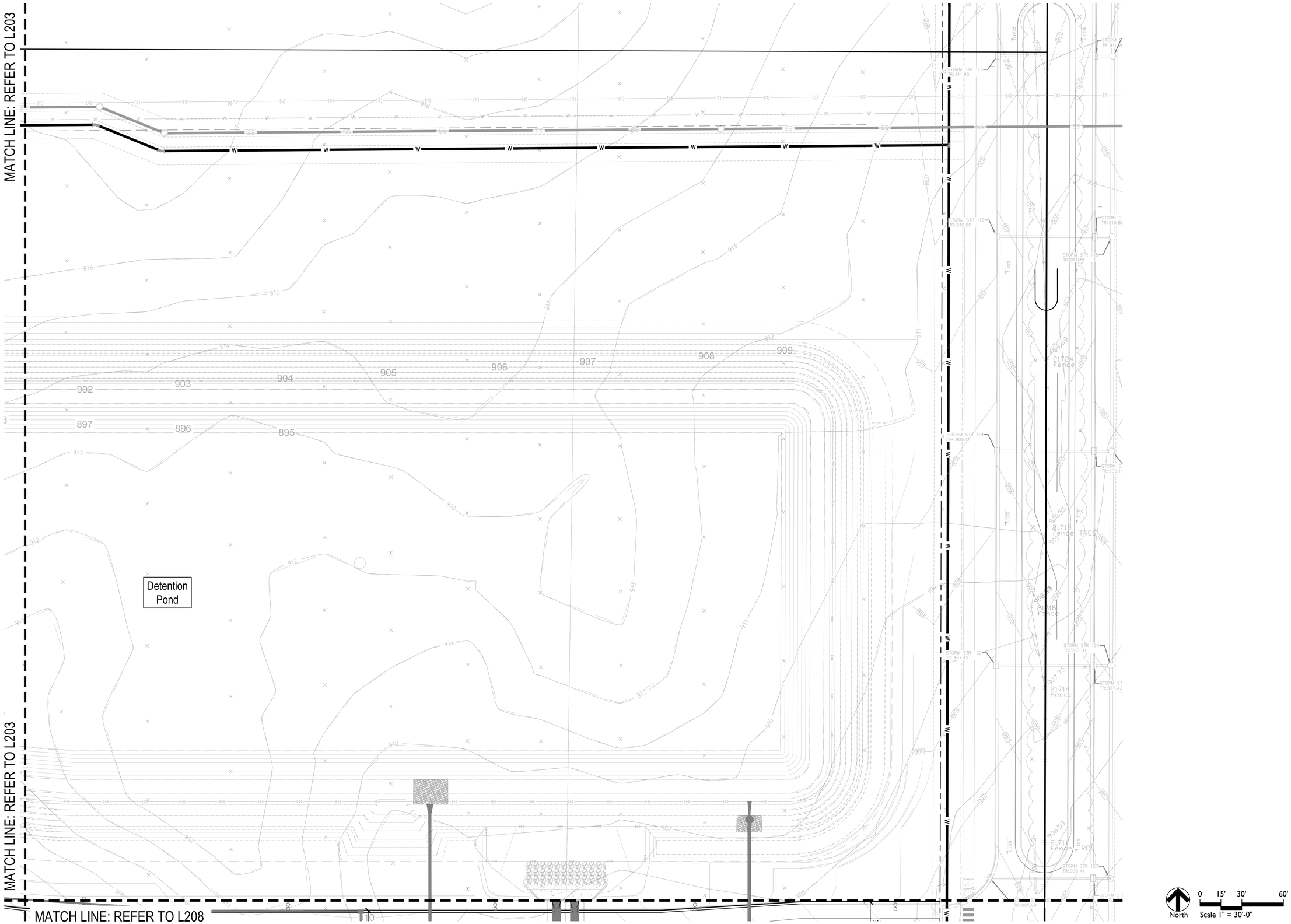
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	SS	FP

DRAWING TITLE:
LAYOUT PLAN

CERTIFIED BY:
FREDDIE J. PRAZEAU
REGISTERED
No. 20200052
STATE OF INDIANA
LANDSCAPE ARCHITECT

DRAWING NUMBER
L203

PROJECT NUMBER
2023016



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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD. WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

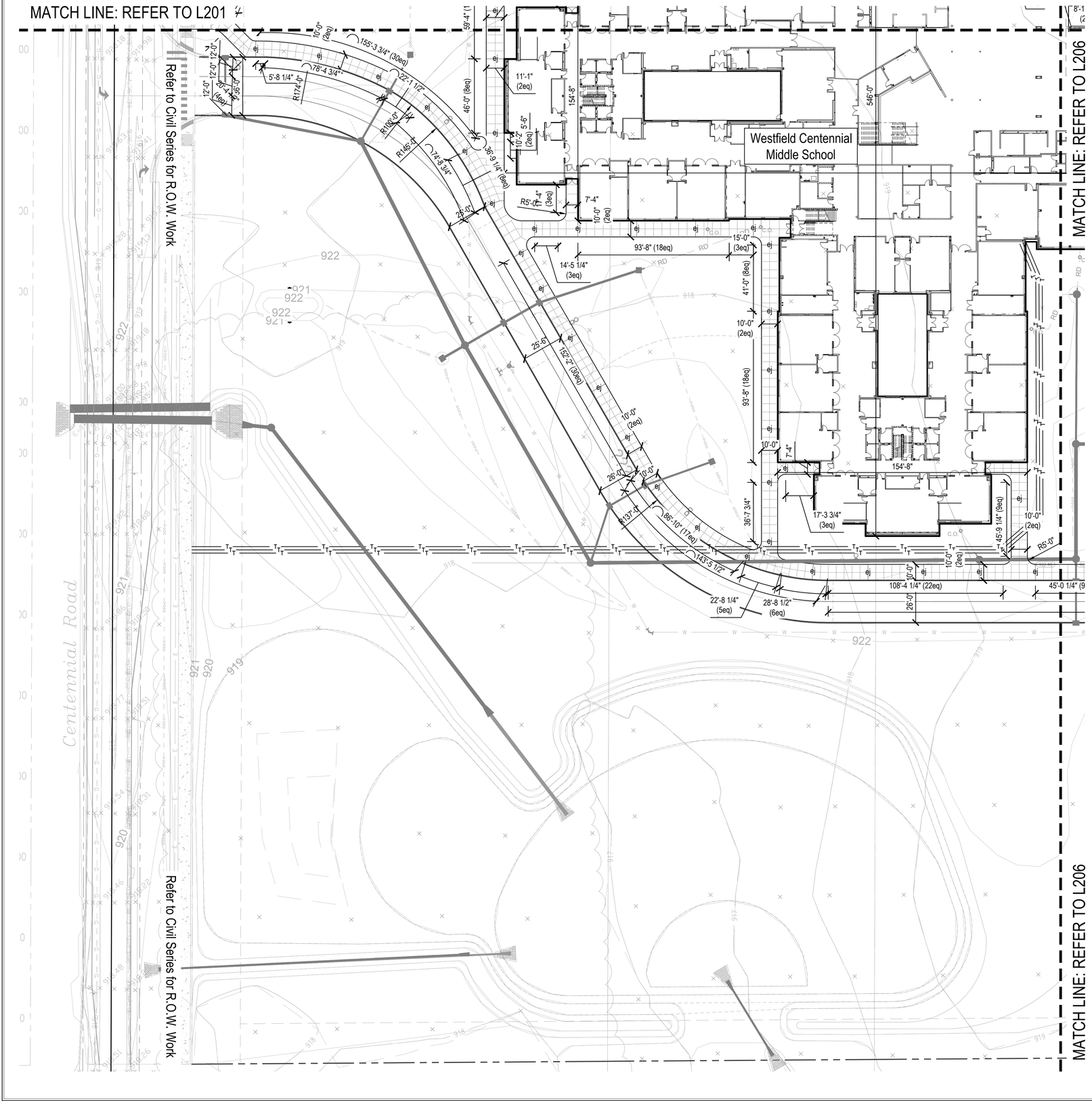
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	SS	FP

DRAWING TITLE:
LAYOUT PLAN

CERTIFIED BY:
FREDDIE J. PRAZEAU
REGISTERED
No. 20200052
STATE OF INDIANA
LANDSCAPE ARCHITECT

DRAWING NUMBER
L204

PROJECT NUMBER
2023016



North

0 15' 30' 60'

Scale 1" = 30'-0"

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PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS

17707 CENTENNIAL RD. WESTFIELD, IN 46074

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of demolition, construction, the size and character of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

The drawings are not intended to be complete or describe all work required for full performance and completion of the requirements of the Contract.

On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	SS	FP

DRAWING TITLE:

LAYOUT PLAN

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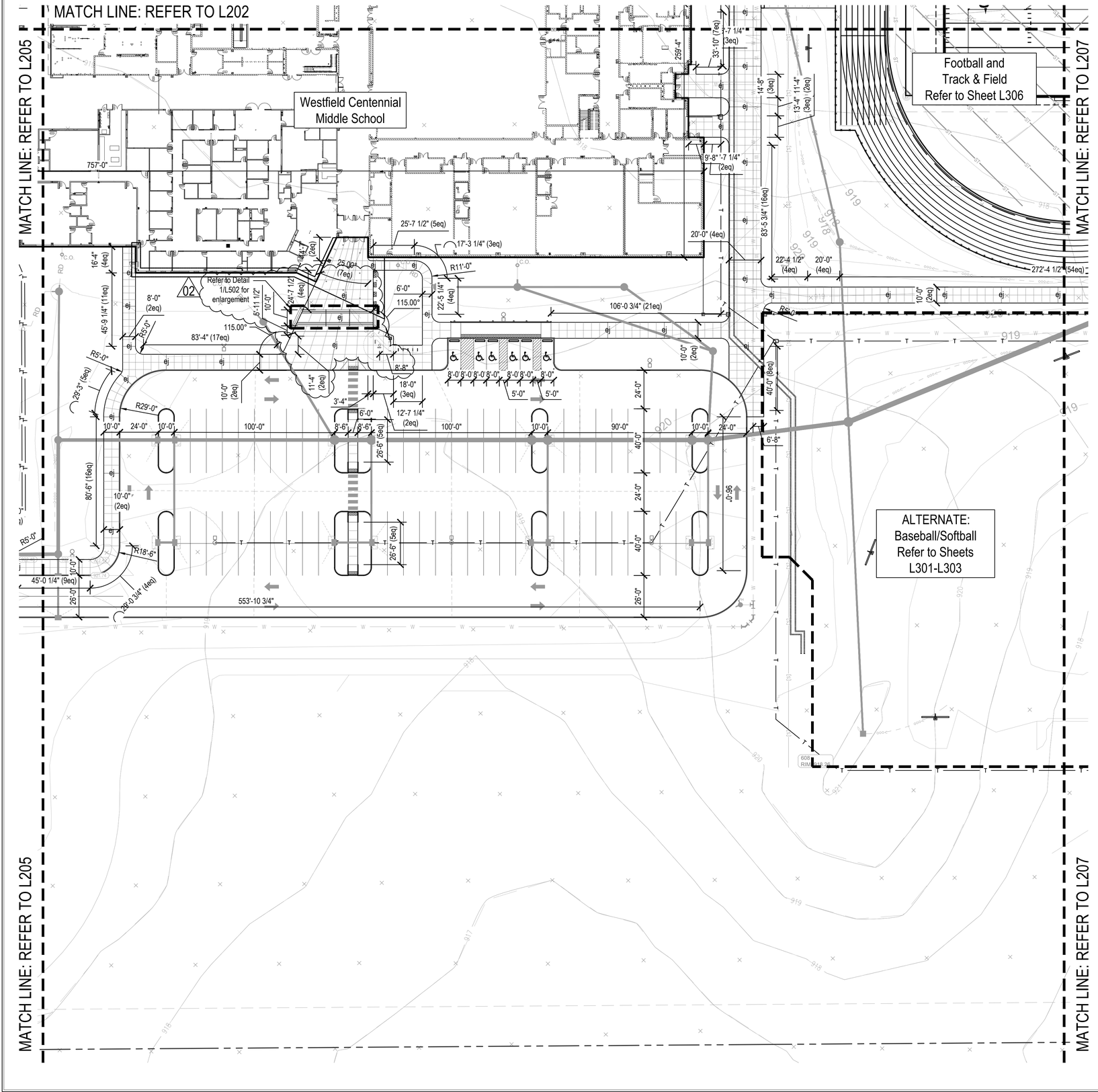
STATE OF INDIANA
LANDSCAPE ARCHITECT

DRAWING NUMBER

L205

PROJECT NUMBER

2023016



North

0 15' 30' 60'

Scale 1" = 30'-0"

W

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PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS

17707 CENTENNIAL RD. WESTFIELD, IN 46074

SCOPE DRAWINGS:

These drawings indicate the general scope of the project and the approximate location of the major elements of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

The Contract Documents are intended to describe all work required for full performance and completion of the requirements of the Contract.

On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	Addendum 5	2024/08/09
2	Addendum 6	2024/08/16

ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	SS	FP

DRAWING TITLE:

LAYOUT PLAN

CERTIFIED BY:

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REGISTERED
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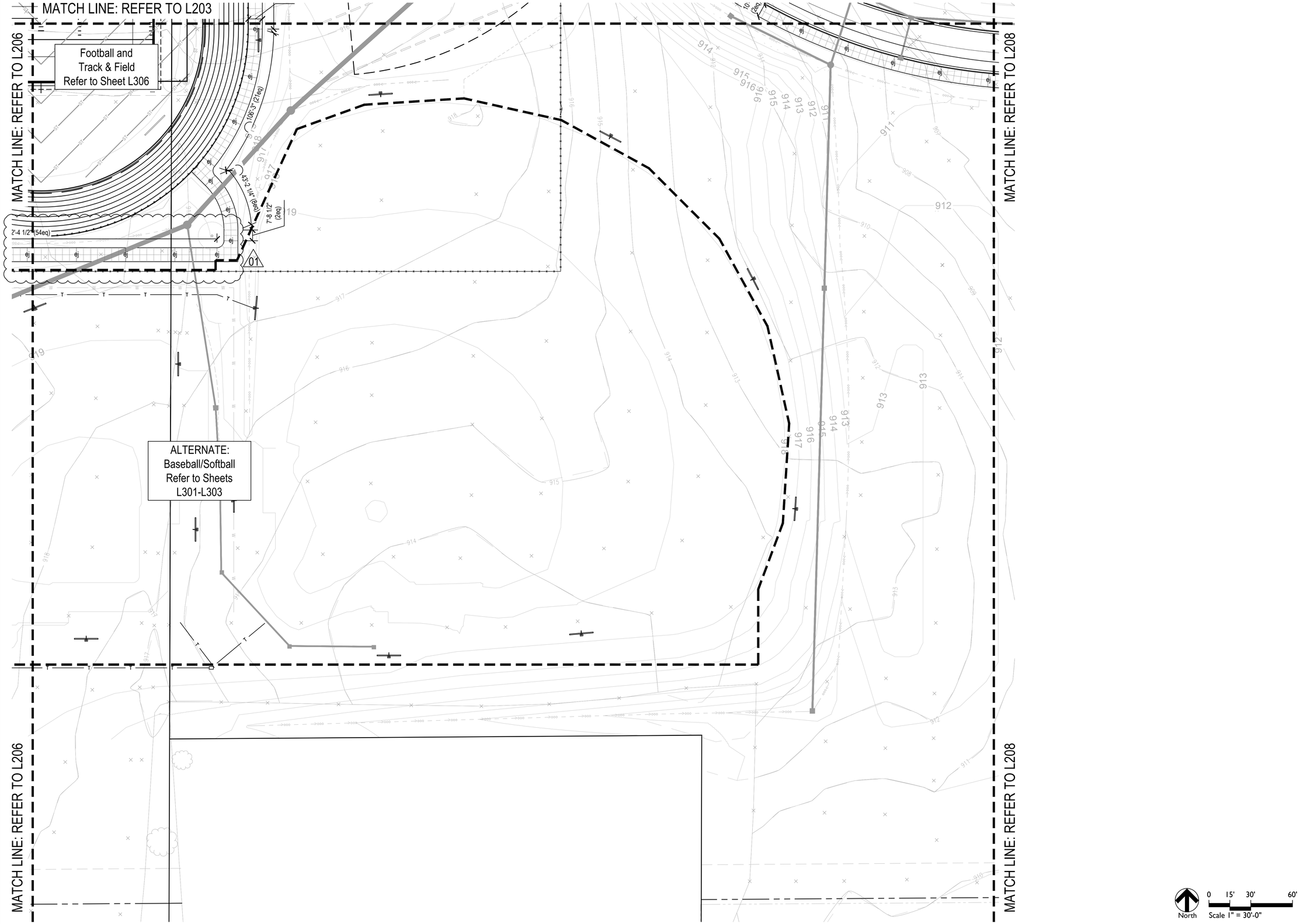
STATE OF INDIANA
LANDSCAPE ARCHITECT

DRAWING NUMBER

L206

PROJECT NUMBER

2023016



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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD. WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	Addendum 5	2024/08/09

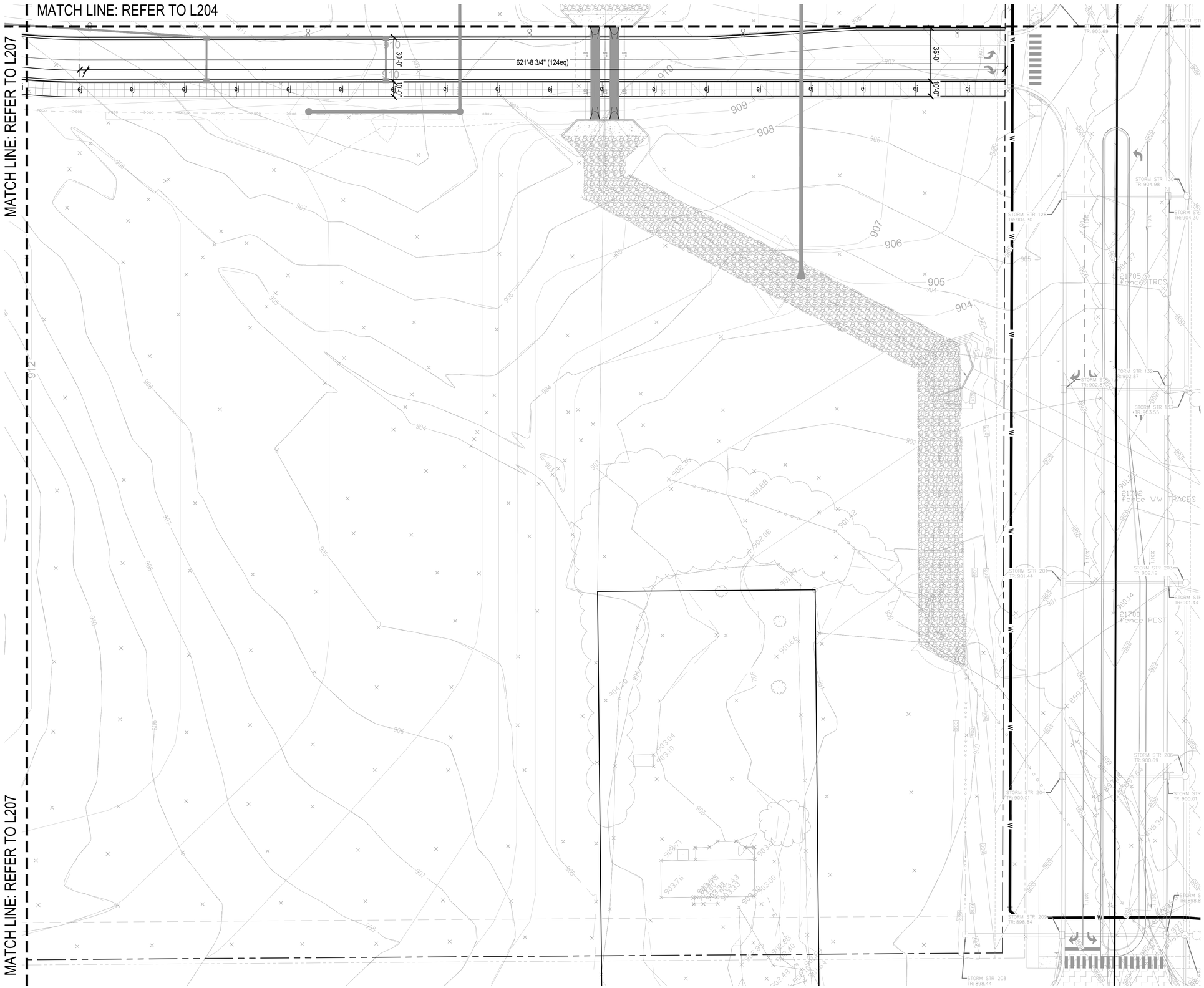
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	SS	FP

DRAWING TITLE:
LAYOUT PLAN

CERTIFIED BY:
FREDDIE J. PRAZEAU
REGISTERED
No. 20200052
STATE OF INDIANA
LANDSCAPE ARCHITECT

DRAWING NUMBER
L207

PROJECT NUMBER
2023016



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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD. WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

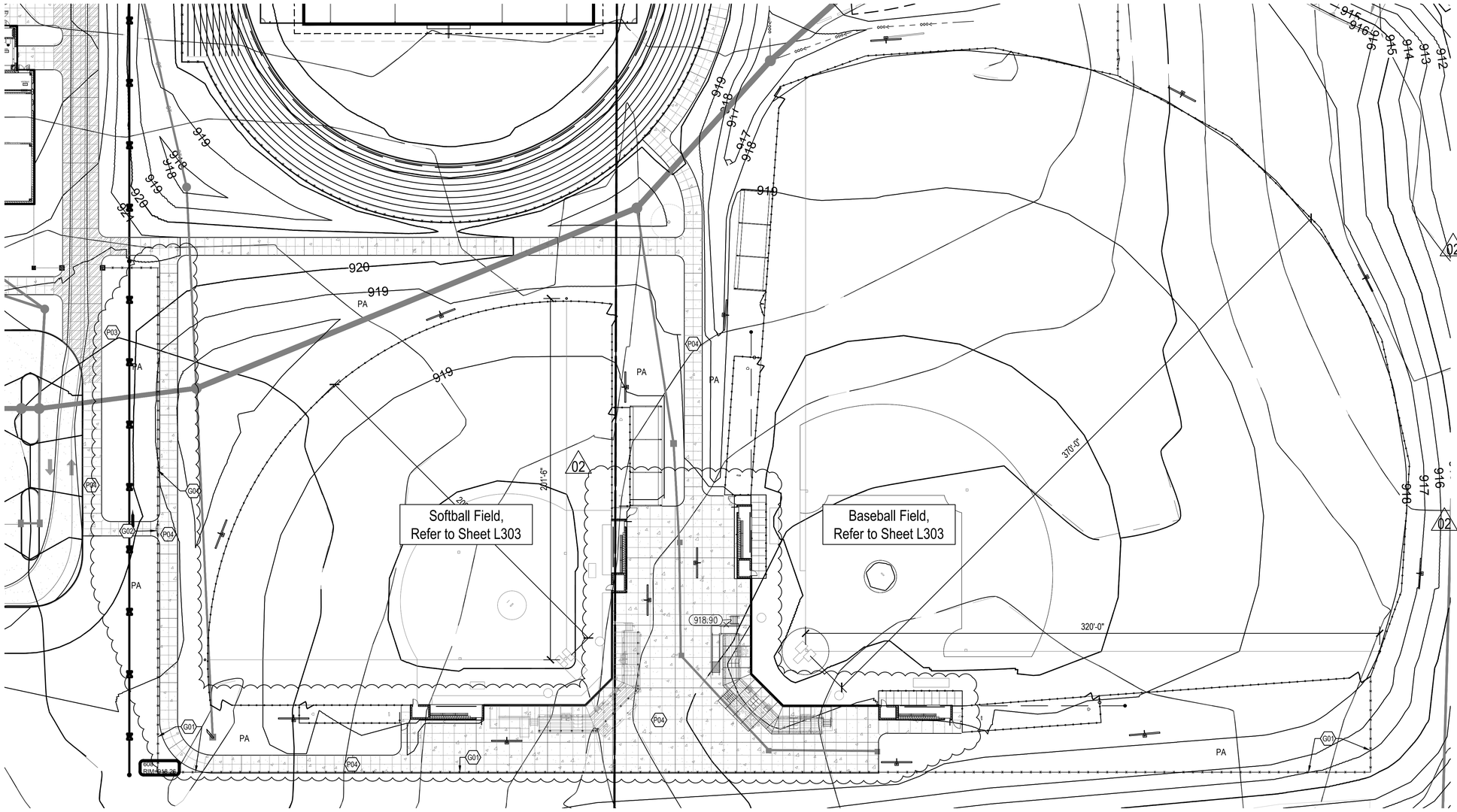
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	SS	FP

DRAWING TITLE:
LAYOUT PLAN

CERTIFIED BY:
FREDDIE J. PRAZEAU
REGISTERED
No. 20200052
STATE OF INDIANA
LANDSCAPE ARCHITECT

DRAWING NUMBER
L208

PROJECT NUMBER
2023016



ALTERNATE - Baseball & Softball Fields - Materials

Scale: 1" = 30'-0"

	REFERENCE KEYNOTES
KEY	DESCRIPTION / REFERENCE
A	ARCHITECTURAL FEATURE REFER TO ARCHITECTURAL SHEETS
C	SITE / CIVIL FEATURE REFER TO CIVIL SERIES
D	GRADING / DRAINAGE FEATURE REFER TO CIVIL SERIES
E	MEP OR LIGHTING FEATURE REFER TO ELECTRICAL OR LIGHTING SERIES

	CURBS
KEY	DESCRIPTION / REFERENCE
C01	CURB, POST REFER TO SITE DETAIL 7/L500
C02	CURB, INTEGRAL REFER TO SITE DETAIL 8/L500
C03	CURB, FLUSH REFER TO SITE DETAIL 6/L500
C04	CURB AND GUTTER REFER TO SITE DETAIL 9/L500
C05	WHEEL STOP REFER TO SITE DETAIL 8/L501

	FURNISHINGS
KEY	DESCRIPTION / REFERENCE
F01	BIKE RACK INSTALLATION REFER TO DETAIL 11/L501 AND SPECIFICATION 12 93 00
F02	TRASH RECEPTACLES REFER TO SPECIFICATION 12 93 00
F03	BENCHES REFER TO SPECIFICATION 12 93 00
F04	FLAGPOLE REFER TO DETAIL 12/L501 & SPECIFICATION 12 93 00
F05	8" DIA. STEEL PROTECTIVE BOLLARDS REFER TO DETAIL 10/L501 AND SPECIFICATION 05 50 01

	GATES & FENCING
KEY	DESCRIPTION / REFERENCE
G01	6'-0" HT. CHAIN-LINK FENCE, GROUNDED, VINYL COATED, BLACK, REFER TO SPECIFICATION 32 31 13
G02	DOUBLE LEAF SWING GATE, 8'-0" OPENING, GROUNDED, MATCH HEIGHT OF ADJACENT FENCING REFER TO SPECIFICATION 32 31 13
G03	VEHICULAR SWING GATE, REFER TO SPECIFICATION 32 31 13
G04	DOUBLE LEAF GATE WITH TIE-BACK POSTS, 10'-0" OPENING, GROUNDED, MATCH HEIGHT OF ADJACENT FENCING, REFER TO SPECIFICATION 32 31 13
G05	SINGLE LEAF SWING GATE, 8'0" OPENING, GROUNDED, MATCH HEIGHT OF ADJACENT FENCING REFER TO SPECIFICATION 32 31 13
G06	ENTRY GATE, REFER TO SHEET A333
G07	ORNAMENTAL FENCE, REFER TO SPECIFICATION 32 31 13

	PAVEMENT
KEY	DESCRIPTION / REFERENCE
P01	ASPHALT, HEAVY DUTY REFER TO SITE DETAIL 1/L500 AND SPECIFICATION 32 12 16
P02	ASPHALT, STANDARD DUTY REFER TO SITE DETAIL 2/L500 AND SPECIFICATION 32 12 16
P03	CONCRETE, HEAVY DUTY REFER TO SITE DETAIL 3& 5/L500 AND SPECIFICATION 32 13 16
P04	CONCRETE, STANDARD DUTY REFER TO SITE DETAIL 4 & 5/L500 AND SPECIFICATION 32 13 16
P05	CONCRETE, STANDARD DUTY, STAMPED REFER TO SITE DETAIL 4 & 5/L500 SPECIFICATION 32 13 17
P06	SHOT PUT PIT, REFER TO DETAIL 8/L513

	RAMPS & STAIRS
KEY	DESCRIPTION / REFERENCE
R01	PERPENDICULAR CURB RAMP WITH FLARES REFER TO SITE DETAIL 2/L501
R02	PARALLEL CURB RAMP REFER TO SITE DETAIL 3/L501
R03	STRAIGHT RAMP REFER TO SITE DETAIL 12/501
R04	NOT USED
R05	MAIN ENTRANCE STAIRS WITH HANDRAIL REFER TO DETAIL 1 & 3/L502, REFER TO ARCHITECTURAL SHEETS FOR CHEEK WALL
R06	SINGLE RISER AT TENNIS COURTS, REFER TO DETAIL 6/L502
R07	3-RISER STAIRS WITH RETAINING WALL, REFER TO DETAILS 3-5/L502

	SIGNAGE
KEY	DESCRIPTION / REFERENCE
S01	ADA ACCESSIBLE PARKING SIGN REFER TO SITE DETAIL 7/L501
S02	ACCESSIBLE PARKING STRIPING & SYMBOL REFER TO SITE DETAIL 5 & 6/L501
S03	STOP SIGN REFER TO SITE DETAIL 9/L501
S04	PEDESTRIAN CROSSING REFER TO SITE DETAIL 9/L501
S05	BUS ONLY REFER TO SITE DETAIL 9/L501

	WALLS
KEY	DESCRIPTION / REFERENCE
W01	RETAINING WALL REFER TO DETAIL 2/L502

	PLANTING
KEY	DESCRIPTION / REFERENCE
PA	PLANTED AREA

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD. WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architecture elements and the type of construction and materials to be used.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the intended work of the project.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	Addendum 1	2024/06/07
T1	TAC Response	2024/06/27
2	Addendum 5	2024/08/09

ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	SS	FP

DRAWING TITLE:
ENLARGED ATHLETIC PLANS

CERTIFIED BY:
FREDDIE J. PRAZEAU
REGISTERED
No. 20200052
STATE OF INDIANA
LANDSCAPE ARCHITECT

DRAWING NUMBER
L301

PROJECT NUMBER
2023016



ALTERNATE - Baseball & Softball Fields - Layout

Scale: 1" = 30'-0"

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PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS

17707 CENTENNIAL RD. WESTFIELD, IN 46074

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of construction required for the project.

The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the contract.

On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	Addendum 1	2024/06/07
T1	TAC Response	2024/06/27
2	Addendum 5	2024/08/09

ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	SS	FP

DRAWING TITLE:

ENLARGED ATHLETIC PLANS

CERTIFIED BY:

FREDDIE J. PRAZEAU
REGISTERED
No. 20200052
STATE OF INDIANA
LANDSCAPE ARCHITECT

DRAWING NUMBER

L302

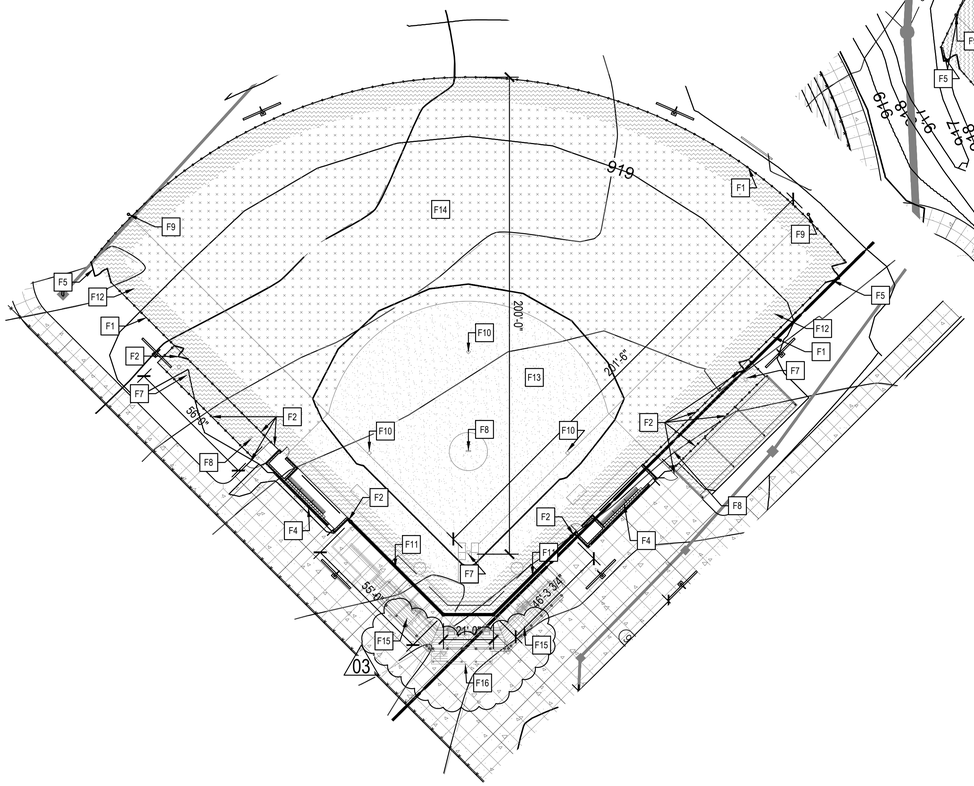
PROJECT NUMBER

2023016

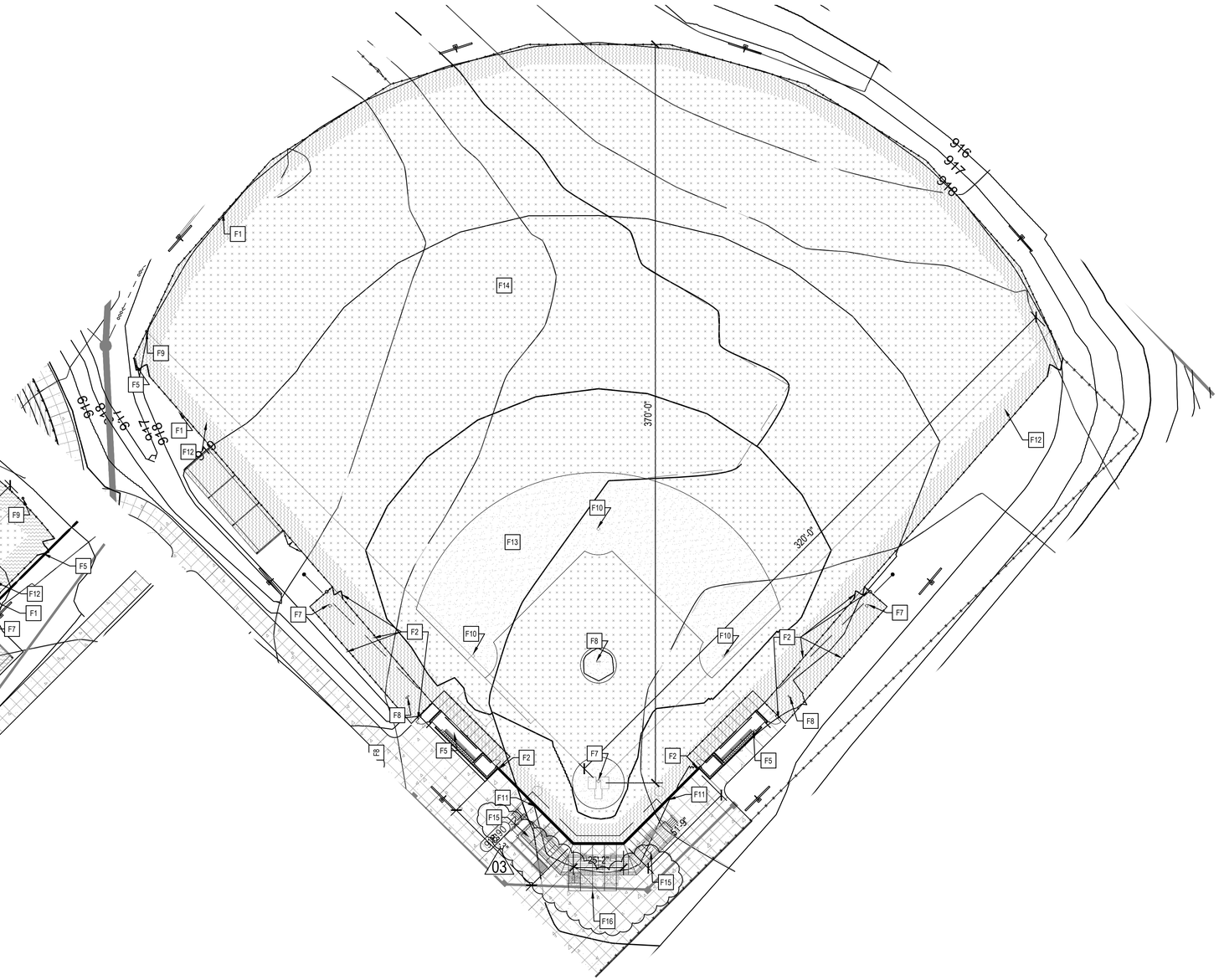
BASEBALL & SOFTBALL FIELDS LEGEND

- F1 6' Chain Link Fence and Gates. Refer to Specification 32 31 13
- F2 8' Chain Link Fence and Gates. Refer to Specification 32 31 13
- F3 Masonry Dugouts, Baseball. Refer to Sheet A332
- F4 Masonry Dugouts, Softball. Refer to Sheet A332
- F5 (2) 5' Wide Chain Link Gates. Refer to Specification 32 31 13
- F6 4' Wide Chain Link Gate. Refer to Specification 32 31 13
- F7 Home Plate and Batters Box. Refer to Athletic Details 1&3/L511 and to Specification 12 93 01.
- F8 Pitchers Mound and Bullpens, 10" height. Refer to Athletic Details 2 & 4/L511 and Specification 32 18 25
- F9 Foul Pole. Refer to Specification 12 93 01
- F10 Bases. Refer to Specification 12 93 01
- F11 Backstop, Refer to Athletic Details, Sheet L511 and Specification 12 93 01
- F12 Warning Track. Refer to Specification 32 18 25
- F13 Infield. Refer to Specification 32 18 25
- F14 Athletic Lawn Seed Mix. Refer to Specification 32 92 10
- F15 Bleachers, Refer to Specification 13 34 30
- F16 Press Box, Refer to Specification 13 12 26

03



PROTOTYPE - COMPETITION SOFTBALL FIELD - NATURAL GRASS
Scale: 1" = 30'-0"



PROTOTYPE - COMPETITION BASEBALL FIELD - NATURAL GRASS
Scale: 1" = 30'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD. WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
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REVISIONS:

1	Addendum 1	2024/06/07
T1	TAC Response	2024/06/27
2	Addendum 5	2024/08/09
3	Addendum 6	2024/08/16

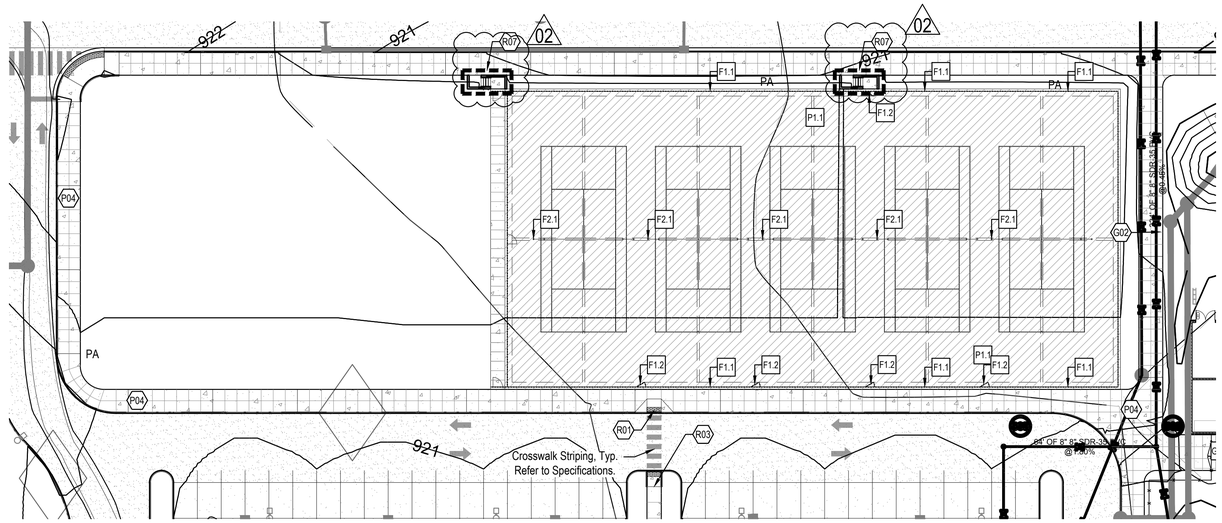
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	SS	FP

DRAWING TITLE:
ENLARGED ATHLETIC PLANS

CERTIFIED BY:
FREDDIE J. PRAZEAU
REGISTERED
No. 20200052
STATE OF INDIANA
LANDSCAPE ARCHITECT

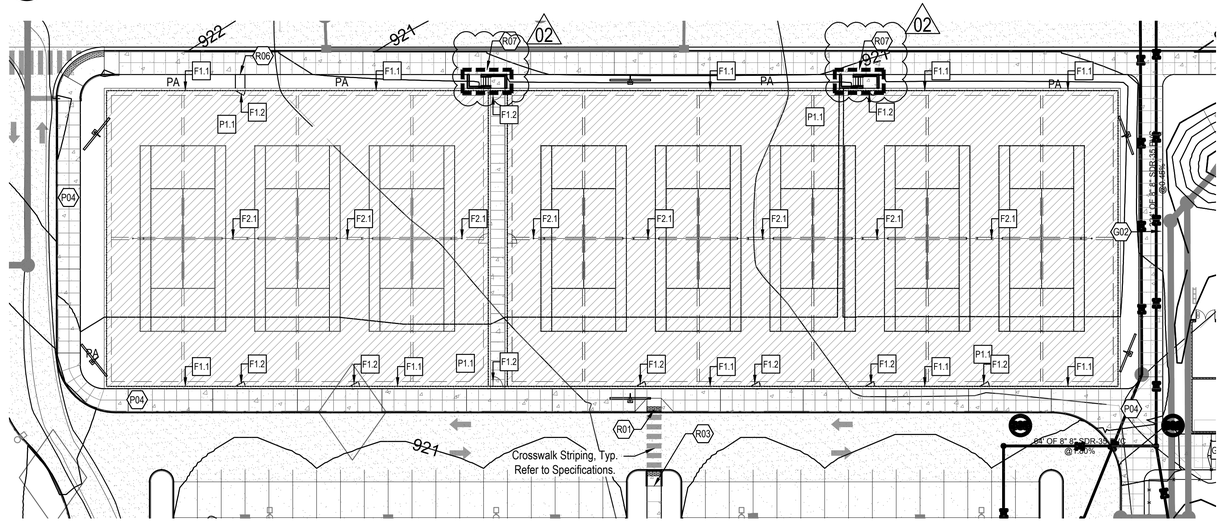
DRAWING NUMBER
L303

PROJECT NUMBER
2023016



ALTERNATE - (5) TENNIS COURTS - MATERIALS

Scale: 1" = 30'-0"



ALTERNATE - (8) TENNIS COURTS - MATERIALS

Scale: 1" = 30'-0"

TENNIS COURTS LEGEND

F1.0 Fencing

F1.1 Chain-Link Fencing, 10'-0" Ht., Black Vinyl Coated, Refer to Athletic Details 4-6/L513 and Specification 32 31 13

F1.2 Chain-Link Fence Gate, 4'-0" Wide, Single Leaf, Match Adjacent Fencing Height, Refer to Specification 32 31 13

F2.0 Furnishings

F2.1 Tennis Posts and Netting, Refer to Athletic Detail 2/L513 and Specification 12 93 01

P1.0 Pavement, Asphalt

P1.1 Tennis Court Pavement, Refer to Athletic Details Sheet L512 and Specification 32 12 18

NOTE: Refer to Civil for Sub-Surface Drainage Requirements.

	REFERENCE KEYNOTES
KEY	DESCRIPTION / REFERENCE
A	ARCHITECTURAL FEATURE REFER TO ARCHITECTURAL SHEETS
C	SITE / CIVIL FEATURE REFER TO CIVIL SERIES
D	GRADING / DRAINAGE FEATURE REFER TO CIVIL SERIES
E	MEP OR LIGHTING FEATURE REFER TO ELECTRICAL OR LIGHTING SERIES

	CURBS
KEY	DESCRIPTION / REFERENCE
C01	CURB, POST REFER TO SITE DETAIL 7/L500
C02	CURB, INTEGRAL REFER TO SITE DETAIL 8/L500
C03	CURB, FLUSH REFER TO SITE DETAIL 6/L500
C04	CURB AND GUTTER REFER TO SITE DETAIL 9/L500
C05	WHEEL STOP REFER TO SITE DETAIL 8/L501

	FURNISHINGS
KEY	DESCRIPTION / REFERENCE
F01	BIKE RACK INSTALLATION REFER TO DETAIL 11/L501 AND SPECIFICATION 12 93 00
F02	TRASH RECEPTACLES REFER TO SPECIFICATION 12 93 00
F03	BENCHES REFER TO SPECIFICATION 12 93 00
F04	FLAGPOLE REFER TO DETAIL 12/L501 & SPECIFICATION 12 93 00
F05	8" DIA. STEEL PROTECTIVE BOLLARDS REFER TO DETAIL 10/L501 AND SPECIFICATION 05 50 01

	GATES & FENCING
KEY	DESCRIPTION / REFERENCE
G01	6'-0" HT. CHAIN-LINK FENCE, GROUNDED, VINYL COATED, BLACK, REFER TO SPECIFICATION 32 31 13
G02	DOUBLE LEAF SWING GATE, 8'-0" OPENING, GROUNDED, MATCH HEIGHT OF ADJACENT FENCING REFER TO SPECIFICATION 32 31 13
G03	VEHICULAR SWING GATE, REFER TO SPECIFICATION 32 31 13
G04	DOUBLE LEAF GATE WITH TIE-BACK POSTS, 10'-0" OPENING, GROUNDED, MATCH HEIGHT OF ADJACENT FENCING, REFER TO SPECIFICATION 32 31 13
G05	SINGLE LEAF SWING GATE, 6'0" OPENING, GROUNDED, MATCH HEIGHT OF ADJACENT FENCING REFER TO SPECIFICATION 32 31 13
G06	ENTRY GATE, REFER TO SHEET A333
G07	ORNAMENTAL FENCE, REFER TO SPECIFICATION 32 31 13

	PAVEMENT
KEY	DESCRIPTION / REFERENCE
P01	ASPHALT, HEAVY DUTY REFER TO SITE DETAIL 1/L500 AND SPECIFICATION 32 12 16
P02	ASPHALT, STANDARD DUTY REFER TO SITE DETAIL 2/L500 AND SPECIFICATION 32 12 16
P03	CONCRETE, HEAVY DUTY REFER TO SITE DETAIL 3& 5/L500 AND SPECIFICATION 32 13 16
P04	CONCRETE, STANDARD DUTY REFER TO SITE DETAIL 4 & 5/L500 AND SPECIFICATION 32 13 16
P05	CONCRETE, STANDARD DUTY, STAMPED REFER TO SITE DETAIL 4 & 5/L500 SPECIFICATION 32 13 17
P06	SHOT PUT PIT, REFER TO DETAIL 8/L513

	RAMPS & STAIRS
KEY	DESCRIPTION / REFERENCE
R01	PERPENDICULAR CURB RAMP WITH FLARES REFER TO SITE DETAIL 2/L501
R02	PARALLEL CURB RAMP REFER TO SITE DETAIL 3/L501
R03	STRAIGHT RAMP REFER TO SITE DETAIL 1/L501
R04	NOT USED
R05	MAIN ENTRANCE STAIRS WITH HANDRAIL REFER TO DETAIL 1 & 3/L502, REFER TO ARCHITECTURAL SHEETS FOR CHEEK WALL
R06	SINGLE RISER AT TENNIS COURTS, REFER TO DETAIL 6/L502
R07	3-RISER STAIRS WITH RETAINING WALL, REFER TO DETAILS 3-5/L502

	SIGNAGE
KEY	DESCRIPTION / REFERENCE
S01	ADA ACCESSIBLE PARKING SIGN REFER TO SITE DETAIL 7/L501
S02	ACCESSIBLE PARKING STRIPING & SYMBOL REFER TO SITE DETAIL 5 & 6/L501
S03	STOP SIGN REFER TO SITE DETAIL 9/L501
S04	PEDESTRIAN CROSSING REFER TO SITE DETAIL 9/L501
S05	BUS ONLY REFER TO SITE DETAIL 9/L501

	WALLS
KEY	DESCRIPTION / REFERENCE
W01	RETAINING WALL REFER TO DETAIL 2/L502

	PLANTING
KEY	DESCRIPTION / REFERENCE
PA	PLANTED AREA

North

0 15' 30' 60'

Scale 1" = 30'-0"

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PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD. WESTFIELD, IN 46074

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the relationship between spaces and the type of structural, mechanical and electrical systems.

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REVISIONS:

1	Addendum 5	2024/08/09
2	Addendum 6	2024/08/16

ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	SS	FP

DRAWING TITLE:

ENLARGED ATHLETIC PLANS

CERTIFIED BY:

FREDDIE J. PRAZEAU
REGISTERED
No. 20200052
STATE OF INDIANA
LANDSCAPE ARCHITECT

DRAWING NUMBER
L304

PROJECT NUMBER
2023016

TENNIS COURTS LEGEND

F1.0 Fencing

F1.1 Chain-Link Fencing, 10'-0" Ht., Black Vinyl Coated, Refer to Athletic Details 4-6/L513 and Specification 32 31 13

F1.2 Chain-Link Fence Gate, 4'-0" Wide, Single Leaf, Match Adjacent Fencing Height, Refer to Specification 32 31 13

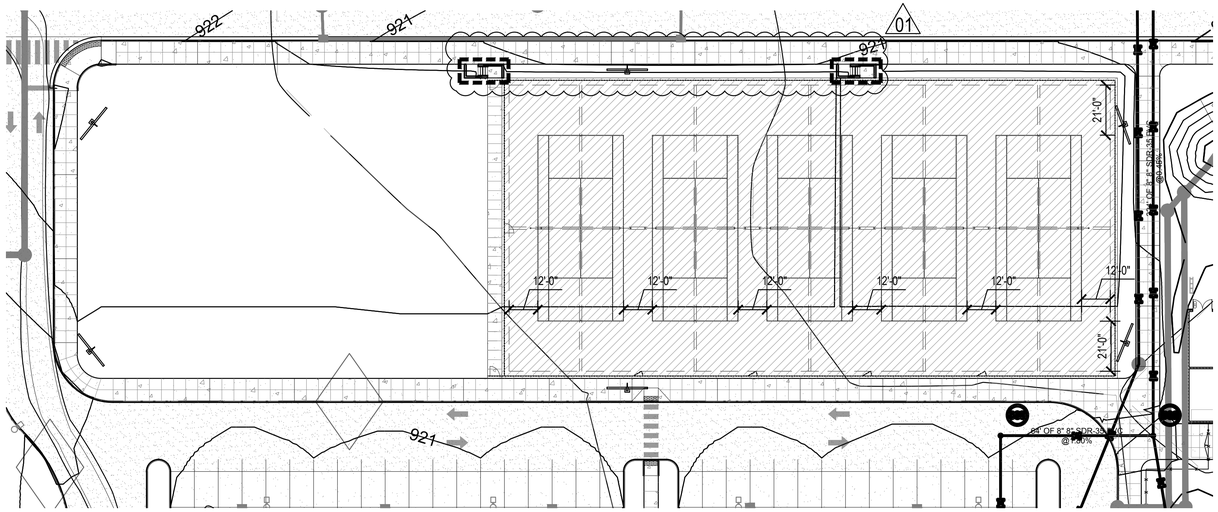
F2.0 Furnishings

F2.1 Tennis Posts and Netting, Refer to Athletic Detail 2/L513 and Specification 12 93 01

P1.0 Pavement, Asphalt

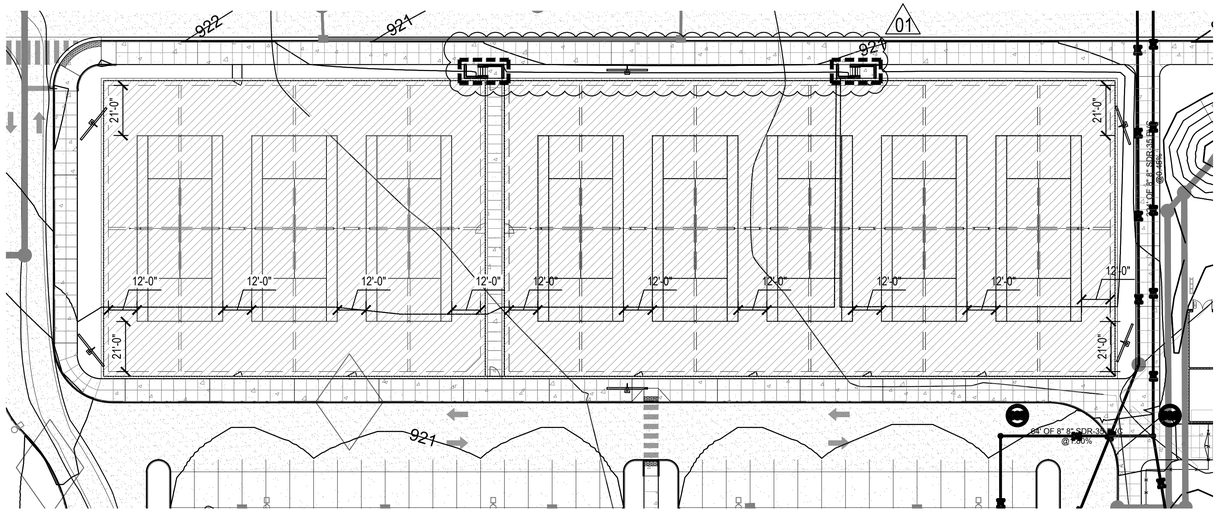
P1.1 Tennis Court Pavement, Refer to Athletic Details Sheet L512 and Specification 32 12 18

NOTE: Refer to Civil for Sub-Surface Drainage Requirements.



ALTERNATE - (5) TENNIS COURTS - LAYOUT

Scale: 1" = 30'-0"



ALTERNATE - (8) TENNIS COURTS - LAYOUT

Scale: 1" = 30'-0"

North

0 15' 30' 60'

Scale 1" = 30'-0"

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PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS

17707 CENTENNIAL RD. WESTFIELD, IN 46074

SCOPE DRAWINGS:

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REVISIONS:

1	Addendum 6	2024/08/16

ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	SS	FP

DRAWING TITLE:

ENLARGED ATHLETIC PLANS

CERTIFIED BY:

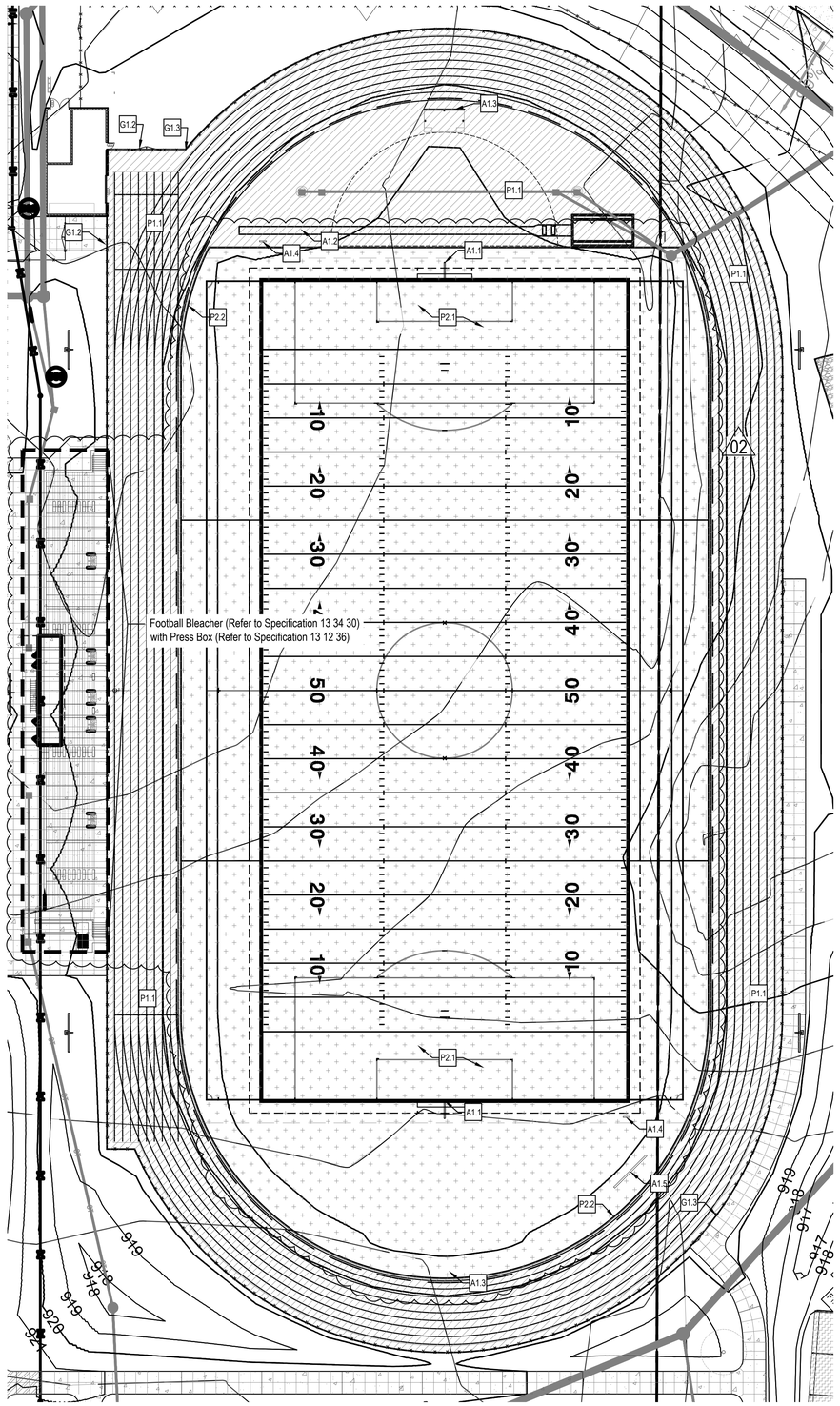
FREDDIE J. PRAZEAU
REGISTERED
No. 20200052
STATE OF INDIANA
LANDSCAPE ARCHITECT

DRAWING NUMBER

L305

PROJECT NUMBER

2023016



FOOTBALL FIELD AND TRACK & FIELD
Scale: 1" = 30'-0"

FOOTBALL AND TRACK & FIELD LEGEND

A1.0 Athletic Furnishings

- A1.1 Football Uprights, Refer to Specification 12 93 01
- A1.2 Long Jump Pit, Refer to Athletic Detail 3/L514 and Specification 11 68 33
- A1.3 High Jump Landing Zone, Refer to Athletic Detail 4/L514 and Specification 11 68 33
- A1.4 Timeclock, Refer to Specification 12 93 01
- A1.5 Scoreboard by Others

G1.0 Gates

- G1.1 4'-0" Opening Gate, 4'-0" ht. Black, Vinyl-Coated Chain-Link Fence, Refer to Specification 32 31 13
- G1.2 12'-0" Opening Gate, 4'-0" ht. Black, Vinyl-Coated Chain-Link Fence, Refer to Specification 32 31 13
- G1.3 4'-0" ht. Black, Vinyl-Coated Chain-Link Fence, Refer to Specification 32 31 13

P1.0 Pavement, Track Surfacing

- P1.1 Track Surfacing, Contractor Asphalt Base, Refer to Athletic Details 2 & 5/L514 and Specification 32 18 23

P2.0 Pavement, Specialty

- P2.1 Synthetic Sports Turf, Refer to Detail 9/L512 and Specification 32 91 15
- P2.2 Nailer Curb, Refer to Detail 1/L512 and specification 32 91 15

North

0 15' 30' 60'
Scale 1" = 30'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD. WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

2	Addendum 6	2024/08/16

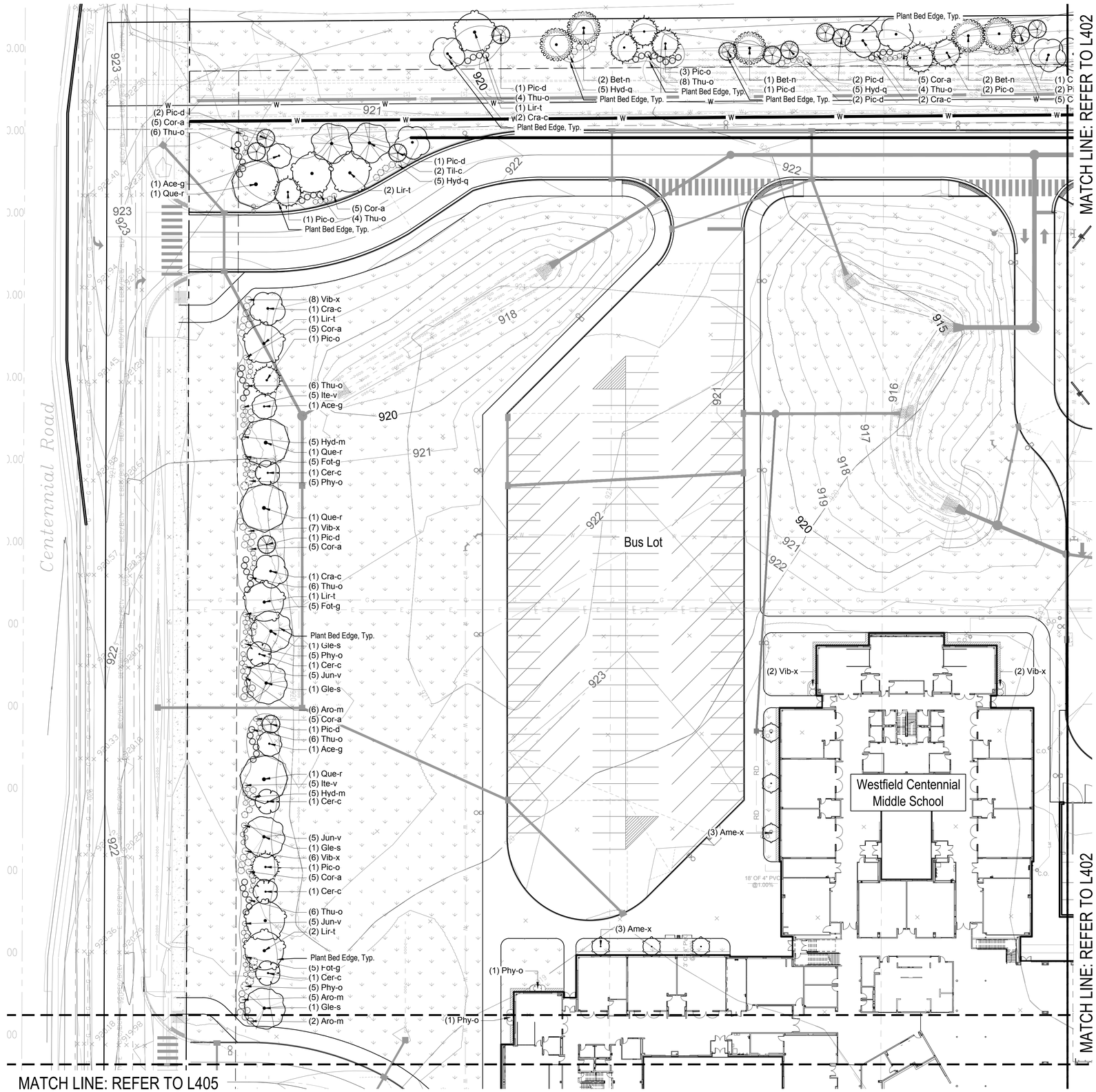
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	SS	FP

DRAWING TITLE:
ENLARGED ATHLETIC PLANS

CERTIFIED BY:
FREDDIE J. PRAZEAU
REGISTERED
No. 20200052
STATE OF INDIANA
LANDSCAPE ARCHITECT

DRAWING NUMBER
L306

PROJECT NUMBER
2023016



Planting Ordinance Chart
Westfield Centennial Middle School

Zone: WWS PUD / AG-SF1

Adjacent Zones
North: AG-SF1 East: AG-SF1
South: AG-SF1/PUD (outside corporate limits) West: AG-SF1

Unified Development Ordinance
Chapter 6. Development Standards
6.8 Landscaping Standards
I. Detention and Retention Areas
I. Natural Appearances
Requirement: Shall be landscape in a manner that replicates the natural forms of ponds and shall include shade trees, ornamental trees, evergreens, shrubs, hedges, and/or other plantings.
Required: Naturalized edge
Provided: (34) trees

J. Street Trees
Requirement: Shall be required within the right-of-way of residential major subdivisions, in a minimum 8' wide planting strips between curb and sidewalk. Shall be required on an average of every 50' but can be spaced 25'-60'.
Required: N/A

K. Minimum Lot Landscaping Requirements
Requirement: For an institutional use, shall be planted with 2 shade trees, 3 ornamental or evergreen trees, and 10 shrubs per acre of yard and open space areas.
Required: 28.5 acres > (58) shade trees + (87) ornamental or evergreen trees + (290) shrubs
Provided: Refer to Other Requirements

L. Foundation Plantings
Requirement: Plant material shall be required intermittently, every 40' against long expanses of building facades and fences. Along the front building facades, provide (1) shrub or ornamental tree per 12 l.f. Plants shall be located withing 15 feet of façade in a planting bed at least 8 feet wide. Monument signs shall include a landscaped area equivalent to (1) side of the monument sign's face.
Required:
Front Building Façade: 589 l.f. / 12 l.f. = (50) shrub or ornamental trees
Building Base: 1,562 l.f. / 40 l.f. = (40) plants
Monument Sign: N/A

Provided:
Front Building Façade: (50) shrubs or ornamental trees
Building Base: (40) plants
Monument Sign: N/A

M. External Street Frontage Landscaping Requirements
Requirement: Landscaping area with a minimum depth of 10 feet shall be required abutting an external street along any nonresidential development and shall include (3) shade or evergreen trees, (2) ornamental trees and (25) shrubs per 100 l.f.
Required:
West: 1254 l.f. / 100 l.f. = 13 > (39) shade trees + (26) ornamental trees + (325) shrubs
South: 1283 l.f. / 100 l.f. = 13 > (39) shade trees + (26) ornamental trees + (325) shrubs
Provided:
West: (39) shade or evergreen trees + (26) ornamental trees + (325) shrubs
South: (39) shade or evergreen trees + (26) ornamental trees + (325) shrubs

N. Buffer Yard Requirements
Requirement: For an institutional use abutting a AG-SF1 zone, provide Buffer A, which is 30' wide and requires (3) shade trees, (3) evergreen trees, and (10) shrubs per 100 l.f.
Required:
North: 1,274 l.f. / 100 l.f. = 13 > (39) shade trees + (39) evergreen trees + (130) shrubs
South: 500 l.f. / 100 l.f. = 5 > (15) shade trees + (15) evergreen trees + (50) shrubs
Provided:
North: (39) shade trees + (39) evergreen trees + (130) shrubs
South: (15) shade trees + (15) evergreen trees + (50) shrubs

O. Parking Area Landscaping
Interior Parking Area Landscaping
Requirement: For 50 or more parking spaces, 10% of parking area to be islands. They shall be minimum area of 120 s.f. and a minimum 7' wide from back of curb. Islands shall include at least (1) tree and (4) shrubs per island. 100% of every island shall be covered with permitted groundcover material.
Required:
North Lot: 52,136 s.f. X 10% = 5,214 s.f. islands + (12) trees + (48) shrubs
South Lot: 38,555 s.f. X 10% = 3,856 s.f. islands + (12) trees + (48) shrubs
Provided:
North Lot: 5,690 s.f. islands + (12) trees + (48) shrubs
South Lot: 3,936 s.f. islands + (12) trees + (48) shrubs

Perimeter Parking Area Landscaping
Requirement: Required when parking area is located within an established front yard, a required yard, or within 20' of a lot line or right-of-way line. Shall be 5 ft. wide, along the perimeter of parking areas and include (1) tree per 30 l.f. and (1) shrub per 3 l.f.
Required:
South Lot: 343 l.f. / 30 l.f. = (12) trees + 343 l.f. / 3 l.f. = (115) shrubs
Provided:
South Lot: (12) trees + (115) shrubs

PLANTING LEGEND

- Lawn Seed Mix — Refer to Specifications.
- Mow Strip — Refer to Detail 5/L600
- Athletic Fields Seed Mix — Refer to Specifications.

North

0 15' 30' 60'
Scale 1" = 30'-0"

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WESTFIELD MIDDLE SCHOOL WEST
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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
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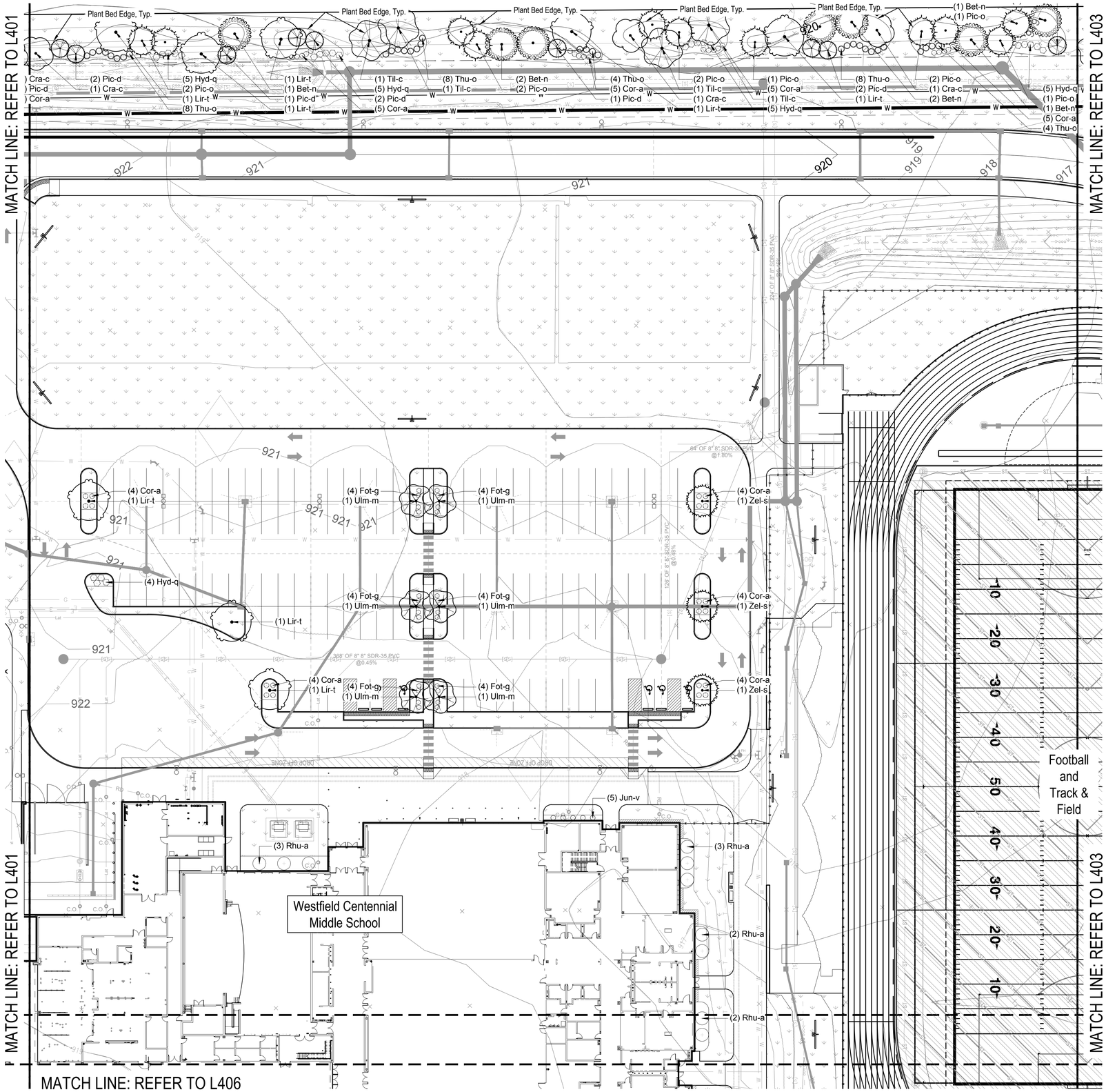
DRAWING TITLE:
PLANTING PLAN

CERTIFIED BY:
FREDDIE J. PRAZEAU
REGISTERED
No. 20200052
STATE OF INDIANA
LANDSCAPE ARCHITECT

DRAWING NUMBER
L401

PROJECT NUMBER
2023016



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Required: Naturalized edge
Provided: (34) trees

J. Street Trees
Requirement: Shall be required within the right-of-way of residential major subdivisions, in a minimum 8' wide planting strips between curb and sidewalk. Shall be required on an average of every 50' but can be spaced 25'-60'.
Required: N/A

K. Minimum Lot Landscaping Requirements
Requirement: For an institutional use, shall be planted with 2 shade trees, 3 ornamental or evergreen trees, and 10 shrubs per acre of yard and open space areas.
Required: 28.5 acres > (58) shade trees + (87) ornamental or evergreen trees + (290) shrubs
Provided: Refer to Other Requirements

L. Foundation Plantings
Requirement: Plant material shall be required intermittently, every 40' against long expanses of building facades and fences. Along the front building facades, provide (1) shrub or ornamental tree per 12 l.f. Plants shall be located withing 15 feet of façade in a planting bed at least 8 feet wide. Monument signs shall include a landscaped area equivalent to (1) side of the monument sign's face.
Required:
Front Building Façade: 589 l.f. / 12 l.f. = (50) shrub or ornamental trees
Building Base: 1,562 l.f. / 40 l.f. = (40) plants
Monument Sign: N/A

Provided:
Front Building Façade: (50) shrubs or ornamental trees
Building Base: (40) plants
Monument Sign: N/A

M. External Street Frontage Landscaping Requirements
Requirement: Landscaping area with a minimum depth of 10 feet shall be required abutting an external street along any nonresidential development and shall include (3) shade or evergreen trees, (2) ornamental trees and (25) shrubs per 100 l.f.
Required:
West: 1254 l.f. / 100 l.f. = 13 > (39) shade trees + (26) ornamental trees + (325) shrubs
South: 1283 l.f. / 100 l.f. = 13 > (39) shade trees + (26) ornamental trees + (325) shrubs
Provided:
West: (39) shade or evergreen trees + (26) ornamental trees + (325) shrubs
South: (39) shade or evergreen trees + (26) ornamental trees + (325) shrubs

N. Buffer Yard Requirements
Requirement: For an institutional use abutting a AG-SF1 zone, provide Buffer A, which is 30' wide and requires (3) shade trees, (3) evergreen trees, and (10) shrubs per 100 l.f.
Required:
North: 1,274 l.f. / 100 l.f. = 13 > (39) shade trees + (39) evergreen trees + (130) shrubs
South: 500 l.f. / 100 l.f. = 5 > (15) shade trees + (15) evergreen trees + (50) shrubs
Provided:
North: (39) shade trees + (39) evergreen trees + (130) shrubs
South: (15) shade trees + (15) evergreen trees + (50) shrubs

O. Parking Area Landscaping
Interior Parking Area Landscaping
Requirement: For 50 or more parking spaces, 10% of parking area to be islands. They shall be minimum area of 120 s.f. and a minimum 7' wide from back of curb. Islands shall include at least (1) tree and (4) shrubs per island. 100% of every island shall be covered with permitted groundcover material.
Required:
North Lot: 52,136 s.f. X 10% = 5,214 s.f. islands + (12) trees + (48) shrubs
South Lot: 38,555 s.f. X 10% = 3,856 s.f. islands + (12) trees + (48) shrubs
Provided:
North Lot: 5,690 s.f. islands + (12) trees + (48) shrubs
South Lot: 3,936 s.f. islands + (12) trees + (48) shrubs

Perimeter Parking Area Landscaping
Requirement: Required when parking area is located within an established front yard, a required yard, or within 20' of a lot line or right-of-way line. Shall be 5 ft. wide, along the perimeter of parking areas and include (1) tree per 30 l.f. and (1) shrub per 3 l.f.
Required:
South Lot: 343 l.f. / 30 l.f. = (12) trees + 343 l.f. / 3 l.f. = (115) shrubs
Provided:
South Lot: (12) trees + (115) shrubs

PLANTING LEGEND

- Lawn Seed Mix — Refer to Specifications.
- Mow Strip — Refer to Detail 5/L600
- Athletic Fields Seed Mix — Refer to Specifications.

North

0 15' 30' 60'
Scale 1" = 30'-0"

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BID DOCUMENTS
17707 CENTENNIAL RD. WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

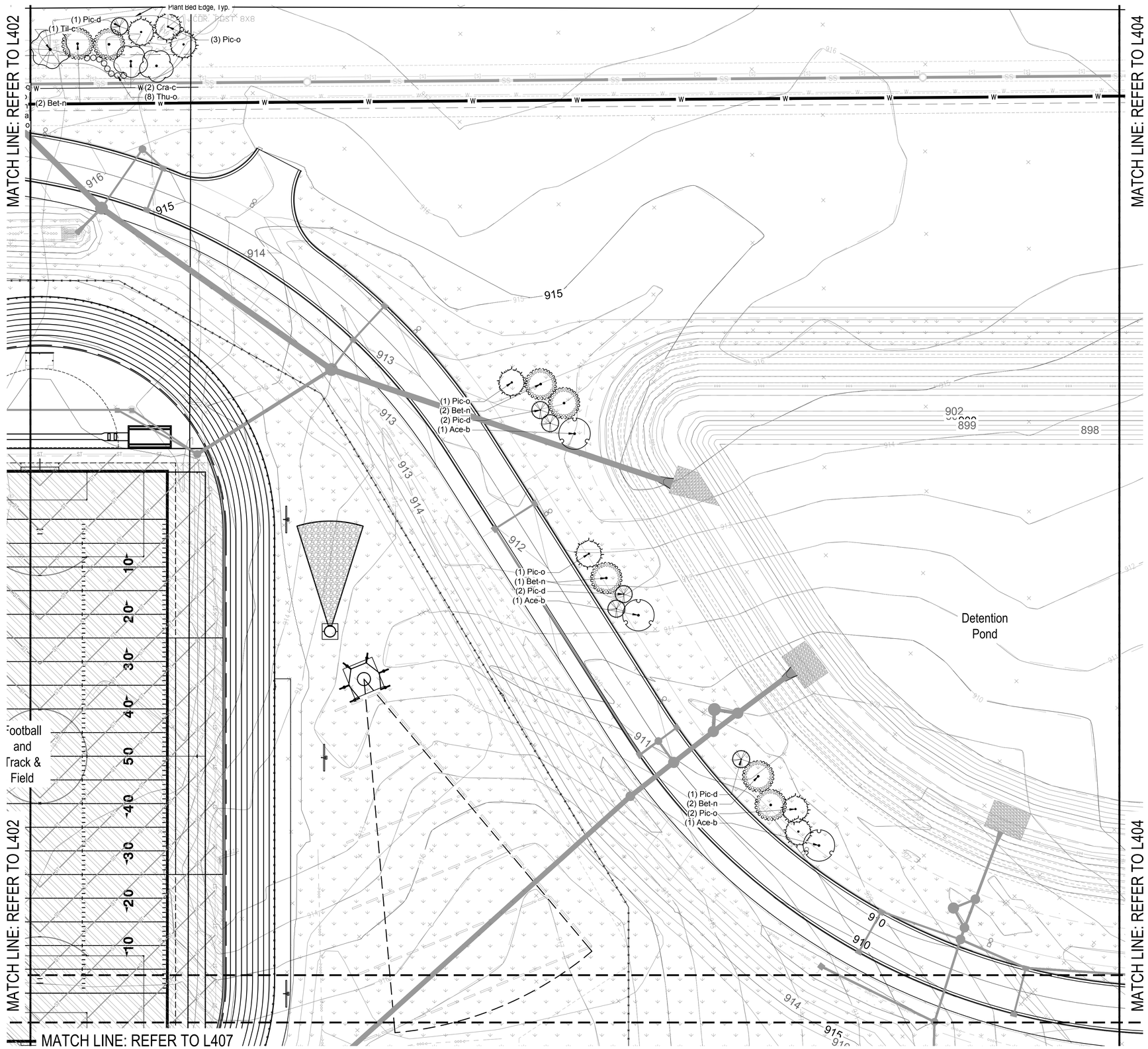
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	SS	FP

DRAWING TITLE:
PLANTING PLAN

CERTIFIED BY:
FREDDIE J. PRAZEAU
REGISTERED
No. 20200052
STATE OF INDIANA
LANDSCAPE ARCHITECT

DRAWING NUMBER
L402

PROJECT NUMBER
2023016



Planting Ordinance Chart
Westfield Centennial Middle School

Zone: WWS PUD / AG-SF1

Adjacent Zones
North: AG-SF1 East: AG-SF1
South: AG-SF1/PUD (outside corporate limits) West: AG-SF1

Unified Development Ordinance
Chapter 6. Development Standards
6.8 Landscaping Standards
I. Detention and Retention Areas
I. Natural Appearances
Requirement: Shall be landscape in a manner that replicates the natural forms of ponds and shall include shade trees, ornamental trees, evergreens, shrubs, hedges, and/or other plantings.
Required: Naturalized edge
Provided: (34) trees

J. Street Trees
Requirement: Shall be required within the right-of-way of residential major subdivisions, in a minimum 8' wide planting strips between curb and sidewalk. Shall be required on an average of every 50' but can be spaced 25'-60'.
Required: N/A

K. Minimum Lot Landscaping Requirements
Requirement: For an institutional use, shall be planted with 2 shade trees, 3 ornamental or evergreen trees, and 10 shrubs per acre of yard and open space areas.
Required: 28.5 acres > (58) shade trees + (87) ornamental or evergreen trees + (290) shrubs
Provided: Refer to Other Requirements

L. Foundation Plantings
Requirement: Plant material shall be required intermittently, every 40' against long expanses of building facades and fences. Along the front building facades, provide (1) shrub or ornamental tree per 12 l.f. Plants shall be located withing 15 feet of façade in a planting bed at least 8 feet wide. Monument signs shall include a landscaped area equivalent to (1) side of the monument sign's face.
Required:
Front Building Façade: 589 l.f. / 12 l.f. = (50) shrub or ornamental trees
Building Base: 1,562 l.f. / 40 l.f. = (40) plants
Monument Sign: N/A

Provided:
Front Building Façade: (50) shrubs or ornamental trees
Building Base: (40) plants
Monument Sign: N/A

M. External Street Frontage Landscaping Requirements
Requirement: Landscaping area with a minimum depth of 10 feet shall be required abutting an external street along any nonresidential development and shall include (3) shade or evergreen trees, (2) ornamental trees and (25) shrubs per 100 l.f.
Required:
West: 1254 l.f. / 100 l.f. = 13 > (39) shade trees + (26) ornamental trees + (325) shrubs
South: 1283 l.f. / 100 l.f. = 13 > (39) shade trees + (26) ornamental trees + (325) shrubs
Provided:
West: (39) shade or evergreen trees + (26) ornamental trees + (325) shrubs
South: (39) shade or evergreen trees + (26) ornamental trees + (325) shrubs

N. Buffer Yard Requirements
Requirement: For an institutional use abutting a AG-SF1 zone, provide Buffer A, which is 30' wide and requires (3) shade trees, (3) evergreen trees, and (10) shrubs per 100 l.f.
Required:
North: 1,274 l.f. / 100 l.f. = 13 > (39) shade trees + (39) evergreen trees + (130) shrubs
South: 500 l.f. / 100 l.f. = 5 > (15) shade trees + (15) evergreen trees + (50) shrubs
Provided:
North: (39) shade trees + (39) evergreen trees + (130) shrubs
South: (15) shade trees + (15) evergreen trees + (50) shrubs

O. Parking Area Landscaping
Interior Parking Area Landscaping
Requirement: For 50 or more parking spaces, 10% of parking area to be islands. They shall be minimum area of 120 s.f. and a minimum 7' wide from back of curb. Islands shall include at least (1) tree and (4) shrubs per island. 100% of every island shall be covered with permitted groundcover material.
Required:
North Lot: 52,136 s.f. X 10% = 5,214 s.f. islands + (12) trees + (48) shrubs
South Lot: 38,555 s.f. X 10% = 3,856 s.f. islands + (12) trees + (48) shrubs
Provided:
North Lot: 5,690 s.f. islands + (12) trees + (48) shrubs
South Lot: 3,936 s.f. islands + (12) trees + (48) shrubs

Perimeter Parking Area Landscaping
Requirement: Required when parking area is located within an established front yard, a required yard, or within 20' of a lot line or right-of-way line. Shall be 5 ft. wide, along the perimeter of parking areas and include (1) tree per 30 l.f. and (1) shrub per 3 l.f.
Required:
South Lot: 343 l.f. / 30 l.f. = (12) trees + 343 l.f. / 3 l.f. = (115) shrubs
Provided:
South Lot: (12) trees + (115) shrubs

PLANTING LEGEND

- Lawn Seed Mix — Refer to Specifications.
- Mow Strip — Refer to Detail 5/L600
- Athletic Fields Seed Mix — Refer to Specifications.

North

0 15' 30' 60'
Scale 1" = 30'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD. WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project and establish minimum standards for the construction of the building, the major architectural elements and the size of structural, mechanical and electrical systems.
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CERTIFIED BY:
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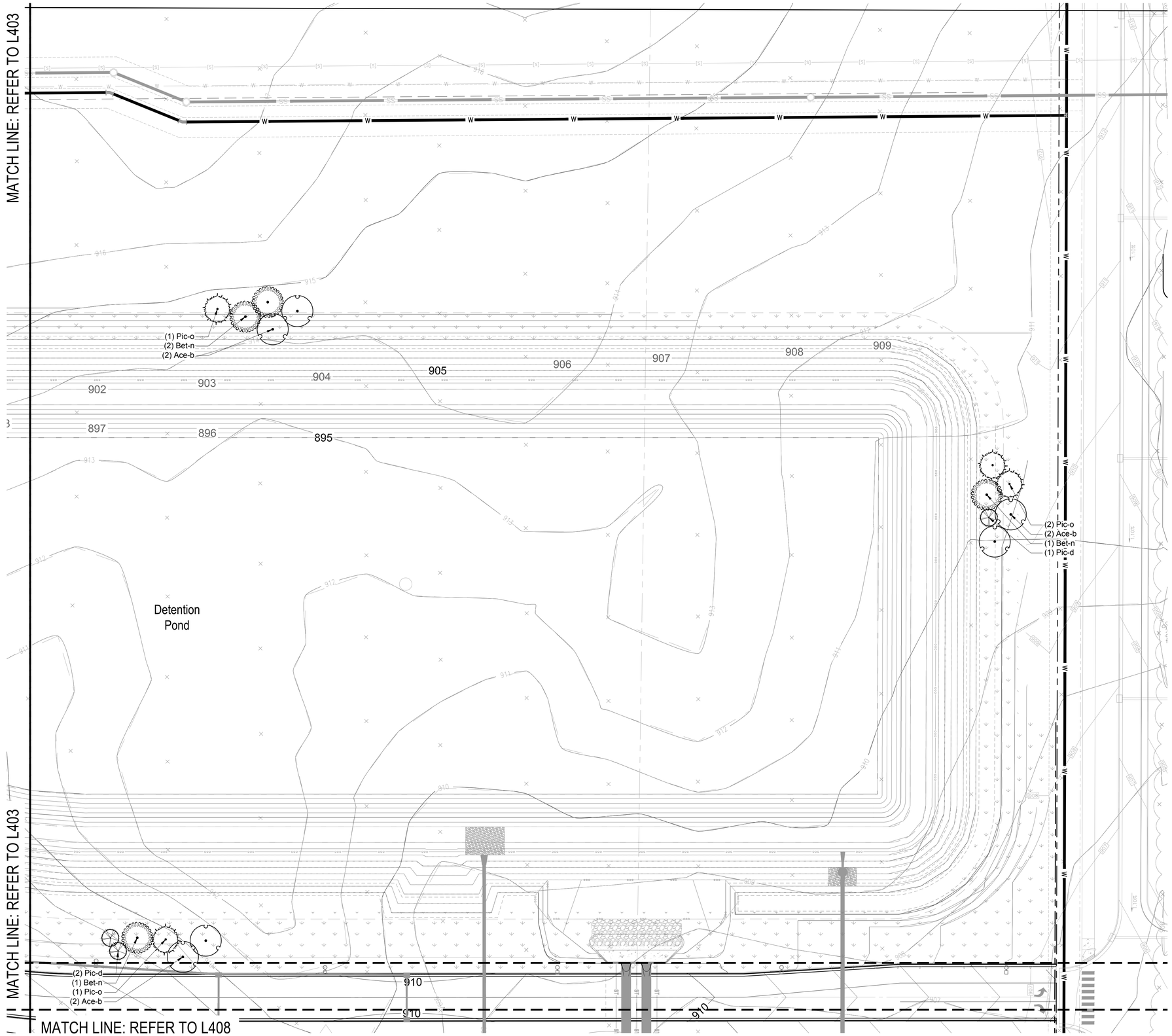
DRAWING NUMBER
L403

PROJECT NUMBER
2023016



Planting Ordinance Chart
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Requirement: For an institutional use abutting a AG-SF1 zone, provide Buffer A, which is 30' wide and requires (3) shade trees, (3) evergreen trees, and (10) shrubs per 100 l.f.
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Provided:
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Provided:
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PLANTING LEGEND

- Lawn Seed Mix — Refer to Specifications.
- Mow Strip — Refer to Detail 5/L600
- Athletic Fields Seed Mix — Refer to Specifications.

North

0 15' 30' 60'
Scale 1" = 30'-0"

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FREDDIE J. PRAZEAU
REGISTERED
No. 20200052
STATE OF INDIANA
LANDSCAPE ARCHITECT

DRAWING NUMBER
L404

PROJECT NUMBER
2023016

MATCH LINE: REFER TO L401

MATCH LINE: REFER TO L406

Westfield Centennial Middle School

(5) Ite-v
(1) Cer-c
(5) Hyd-m
(1) Que-r
(7) Vib-x

(1) Pic-o
(5) Cor-a
(1) Cra-c
(6) Thu-o

(1) Que-r
(5) Ite-v

(1) Cer-c
(5) Hyd-m

Plant Bed Edge, Typ.
(7) Aro-m
(1) Lir-t
(6) Thu-o
(1) Pic-o
(5) Cor-a
(1) Gle-s
(1) Ace-g

(5) Jun-v
(1) Gle-s
(5) Ite-v
(1) Ace-g
(5) Hyd-m
(1) Que-r
(7) Vib-x

(1) Pic-d
(5) Cor-a
(2) Ame-x
(6) Thu-o

(5) Jun-v
(1) Lir-t
(5) Fot-g
(1) Cer-c
(5) Phy-o

(1) Gle-s
(7) Aro-m
(2) Pic-d
(5) Cor-a

Plant Bed Edge, Typ.
(6) Thu-o
(2) Ame-x
(1) Que-r
(5) Ite-v

(1) Cer-c
(5) Hyd-m
(1) Que-r
(6) Vib-x

(1) Pic-o
(5) Cor-a
(6) Thu-o
(5) Jun-v
(1) Cra-c
(5) Fot-g
(1) Lir-t
(5) Phy-o
(1) Cer-c
(7) Aro-m
(1) Lir-t
(1) Cra-c

(1) Phy-o
(1) Phy-o
(6) Cer-c
(3) Ace-g
(1) Ame-x
(1) Ame-x
(5) Fot-g

(5) Cor-a
(1) Ace-g
(6) Thu-o
(1) Ame-x
(5) Vib-x
(1) Lir-t
(1) Pic-o
(5) Hyd-m
(1) Que-r
(1) Cer-c
(5) Fot-g
(4) Phy-o
(1) Que-r

(1) Pic-d
(5) Vib-x
(1) Cra-c
(6) Thu-o
(1) Lir-t
(5) Jun-v
(5) Phy-o
(5) Fot-g
(1) Gle-s

Plant Bed Edge, Typ.
(1) Cer-c
(1) Gle-s
(1) Pic-d
(5) Cor-a
(6) Thu-o
(1) Ace-g

(1) Que-r
(5) Ite-v
(1) Gle-s
(5) Hyd-m

(1) Pic-o
(5) Vib-x
(1) Cer-c
(5) Cor-a
(6) Thu-o
(2) Lir-t

Plant Bed Edge, Typ.
(5) Jun-v
(1) Cer-c
(5) Fot-g
(5) Phy-o
(1) Gle-s
(5) Jun-v
(5) Aro-m
(2) Pic-d

(5) Ite-v
(4) Hyd-m

Centennial Road

State Road 1

Planting Ordinance Chart
Westfield Centennial Middle School
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Perimeter Parking Area Landscaping
Requirement: Required when parking area is located within an established front yard, a required yard, or within 20' of a lot line or right-of-way line. Shall be 5 ft. wide, along the perimeter of parking areas and include (1) tree per 30 l.f. and (1) shrub per 3 l.f.
Required:
South Lot: 343 l.f. / 30 l.f. = (12) trees + 343 l.f. / 3 l.f. = (115) shrubs
Provided:
South Lot: (12) trees + (115) shrubs

PLANTING LEGEND

Lawn Seed Mix
Refer to Specifications.

Mow Strip
Refer to Detail 5/L600

Athletic Fields Seed Mix
Refer to Specifications.

North

0 15' 30' 60'
Scale 1" = 30'-0"

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PROJECT NUMBER
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MATCH LINE: REFER TO L402

MATCH LINE: REFER TO L405

MATCH LINE: REFER TO L407

MATCH LINE: REFER TO L405

Westfield Centennial Middle School

Softball Field

(2) Rhu-a

(5) Hyd-p
(1) Ace-g
(5) Cor-a
(3) Thu-o
(2) Cer-c
(5) Hyd-p

(5) Hyd-p
(2) Cer-c
(5) Cor-a
(3) Thu-o

(5) Hyd-p

(2) Ace-g

(1) Zel-s
(4) Hyd-q

(1) Zel-s
(4) Hyd-q

(4) Cor-a
(1) Lir-t
(4) Fot-g
(1) Ulm-m
(4) Fot-g
(1) Ulm-m
(4) Cor-a
(1) Zel-s
(4) Cor-a
(1) Lir-t

(4) Cor-a
(1) Lir-t
(4) Fot-g
(1) Ulm-m
(4) Fot-g
(1) Ulm-m
(4) Cor-a
(1) Zel-s
(4) Cor-a
(1) Lir-t

(1) Ace-b
(5) Hyd-q
(3) Jun-v
(1) Ace-b
(5) Hyd-q
(4) Jun-v
(1) Ace-b
(5) Thu-o
(4) Cor-a
(1) Ace-b
(5) Hyd-q
(4) Jun-v
(1) Ace-b
(5) Thu-o
(4) Cor-a
(1) Ace-b
(5) Hyd-q
(4) Jun-v
(1) Ace-b
(5) Thu-o
(4) Cor-a
(1) Ace-b
(5) Hyd-q
(4) Jun-v
(1) Ace-b
(5) Thu-o
(4) Cor-a
(2) Ace-b
(5) Hyd-q
(4) Jun-v
(1) Ace-b
(5) Thu-o
(4) Cor-a
(5) Hyd-q
(3) Jun-v
(1) Ace-b
(5) Thu-o
(4) Cor-a

(1) Hyd-m
(1) Que-r
(6) Vib-x
(1) Pic-o
(5) Cor-a
(1) Cra-c
(6) Thu-o
(1) Que-r
(5) Ite-v
(5) Hyd-m
(1) Cer-c
(1) Lir-t
Plant Bed Edge, Typ.
(6) Aro-m
(1) Ace-g
(5) Cor-a
(6) Thu-o
(1) Gle-s
(5) Jun-v
(1) Ace-g
(5) Ite-v
(5) Hyd-m
(1) Que-r
(5) Vib-x
(1) Pic-d
(5) Cor-a
(2) Ame-x
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(1) Ace-g
(1) Gle-s
(1) Pic-d
(5) Vib-x

(1) Q
(6) C
(5) Th
(2) F
(4) V
(1) Q
(5) Th
(1) F

919
920
921
918

608
RIM=918.26

North

0 15' 30' 60'
Scale 1" = 30'-0"

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Chapter 6. Development Standards
6.8 Landscaping Standards
I. Detention and Retention Areas
I. Natural Appearances
Requirement: Shall be landscape in a manner that replicates the natural forms of ponds and shall include shade trees, ornamental trees, evergreens, shrubs, hedges, and/or other plantings.
Required: Naturalized edge
Provided: (34) trees

J. Street Trees
Requirement: Shall be required within the right-of-way of residential major subdivisions, in a minimum 8' wide planting strips between curb and sidewalk. Shall be required on an average of every 50' but can be spaced 25'-60'.
Required: N/A

K. Minimum Lot Landscaping Requirements
Requirement: For an institutional use, shall be planted with 2 shade trees, 3 ornamental or evergreen trees, and 10 shrubs per acre of yard and open space areas.
Required: 28.5 acres > (58) shade trees + (87) ornamental or evergreen trees + (290) shrubs
Provided: Refer to Other Requirements

L. Foundation Plantings
Requirement: Plant material shall be required intermittently, every 40' against long expanses of building facades and fences. Along the front building facades, provide (1) shrub or ornamental tree per 12 l.f. Plants shall be located withing 15 feet of façade in a planting bed at least 8 feet wide. Monument signs shall include a landscaped area equivalent to (1) side of the monument sign's face.
Required:
Front Building Façade: 589 l.f. / 12 l.f. = (50) shrub or ornamental trees
Building Base: 1,562 l.f. / 40 l.f. = (40) plants
Monument Sign: N/A

Provided:
Front Building Façade: (50) shrubs or ornamental trees
Building Base: (40) plants
Monument Sign: N/A

M. External Street Frontage Landscaping Requirements
Requirement: Landscaping area with a minimum depth of 10 feet shall be required abutting an external street along any nonresidential development and shall include (3) shade or evergreen trees, (2) ornamental trees and (25) shrubs per 100 l.f.
Required:
West: 1254 l.f. / 100 l.f. = 13 > (39) shade trees + (26) ornamental trees + (325) shrubs
South: 1283 l.f. / 100 l.f. = 13 > (39) shade trees + (26) ornamental trees + (325) shrubs
Provided:
West: (39) shade or evergreen trees + (26) ornamental trees + (325) shrubs
South: (39) shade or evergreen trees + (26) ornamental trees + (325) shrubs

N. Buffer Yard Requirements
Requirement: For an institutional use abutting a AG-SF1 zone, provide Buffer A, which is 30' wide and requires (3) shade trees, (3) evergreen trees, and (10) shrubs per 100 l.f.
Required:
North: 1,274 l.f. / 100 l.f. = 13 > (39) shade trees + (39) evergreen trees + (130) shrubs
South: 500 l.f. / 100 l.f. = 5 > (15) shade trees + (15) evergreen trees + (50) shrubs
Provided:
North: (39) shade trees + (39) evergreen trees + (130) shrubs
South: (15) shade trees + (15) evergreen trees + (50) shrubs

O. Parking Area Landscaping
Interior Parking Area Landscaping
Requirement: For 50 or more parking spaces, 10% of parking area to be islands. They shall be minimum area of 120 s.f. and a minimum 7' wide from back of curb. Islands shall include at least (1) tree and (4) shrubs per island. 100% of every island shall be covered with permitted groundcover material.
Required:
North Lot: 52,136 s.f. X 10% = 5,214 s.f. islands + (12) trees + (48) shrubs
South Lot: 38,555 s.f. X 10% = 3,856 s.f. islands + (12) trees + (48) shrubs
Provided:
North Lot: 5,690 s.f. islands + (12) trees + (48) shrubs
South Lot: 3,936 s.f. islands + (12) trees + (48) shrubs

Perimeter Parking Area Landscaping
Requirement: Required when parking area is located within an established front yard, a required yard, or within 20' of a lot line or right-of-way line. Shall be 5 ft. wide, along the perimeter of parking areas and include (1) tree per 30 l.f. and (1) shrub per 3 l.f.
Required:
South Lot: 343 l.f. / 30 l.f. = (12) trees + 343 l.f. / 3 l.f. = (115) shrubs
Provided:
South Lot: (12) trees + (115) shrubs

PLANTING LEGEND

- Lawn Seed Mix — Refer to Specifications.
- Mow Strip — Refer to Detail 5/L600
- Athletic Fields Seed Mix — Refer to Specifications.

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context DESIGN
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317-485-6900 | www.context-design.com

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD. WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of dimensions, materials, and finishes. They show the building, the major architectural elements and the type of structural, mechanical and electrical systems. They are not intended to be complete in order to describe all work required for full performance and completion of the requirements of the Contract.
The Contractor shall provide all scope indicated or described; the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	SS	FP

DRAWING TITLE:
PLANTING PLAN

CERTIFIED BY:
FREDDIE J. PRZYBYLA
REGISTERED
No. 20200052
STATE OF INDIANA
LANDSCAPE ARCHITECT

DRAWING NUMBER
L406

PROJECT NUMBER
2023016



Planting Ordinance Chart
Westfield Centennial Middle School
Zone: WWS PUD / AG-SF1

Adjacent Zones
North: AG-SF1 East: AG-SF1
South: AG-SF1/PUD (outside corporate limits) West: AG-SF1

Unified Development Ordinance
Chapter 6. Development Standards
6.8 Landscaping Standards
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Provided:
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Required:
South Lot: 343 l.f. / 30 l.f. = (12) trees + 343 l.f. / 3 l.f. = (115) shrubs
Provided:
South Lot: (12) trees + (115) shrubs

PLANTING LEGEND

- Lawn Seed Mix — Refer to Specifications.
- Mow Strip — Refer to Detail 5/L600
- Athletic Fields Seed Mix — Refer to Specifications.

North

0 15' 30' 60'
Scale 1" = 30'-0"

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	SS	FP

DRAWING TITLE:
PLANTING PLAN

CERTIFIED BY:
FREDDIE J. PRAZEAU
REGISTERED
No. 20200052
STATE OF INDIANA
LANDSCAPE ARCHITECT

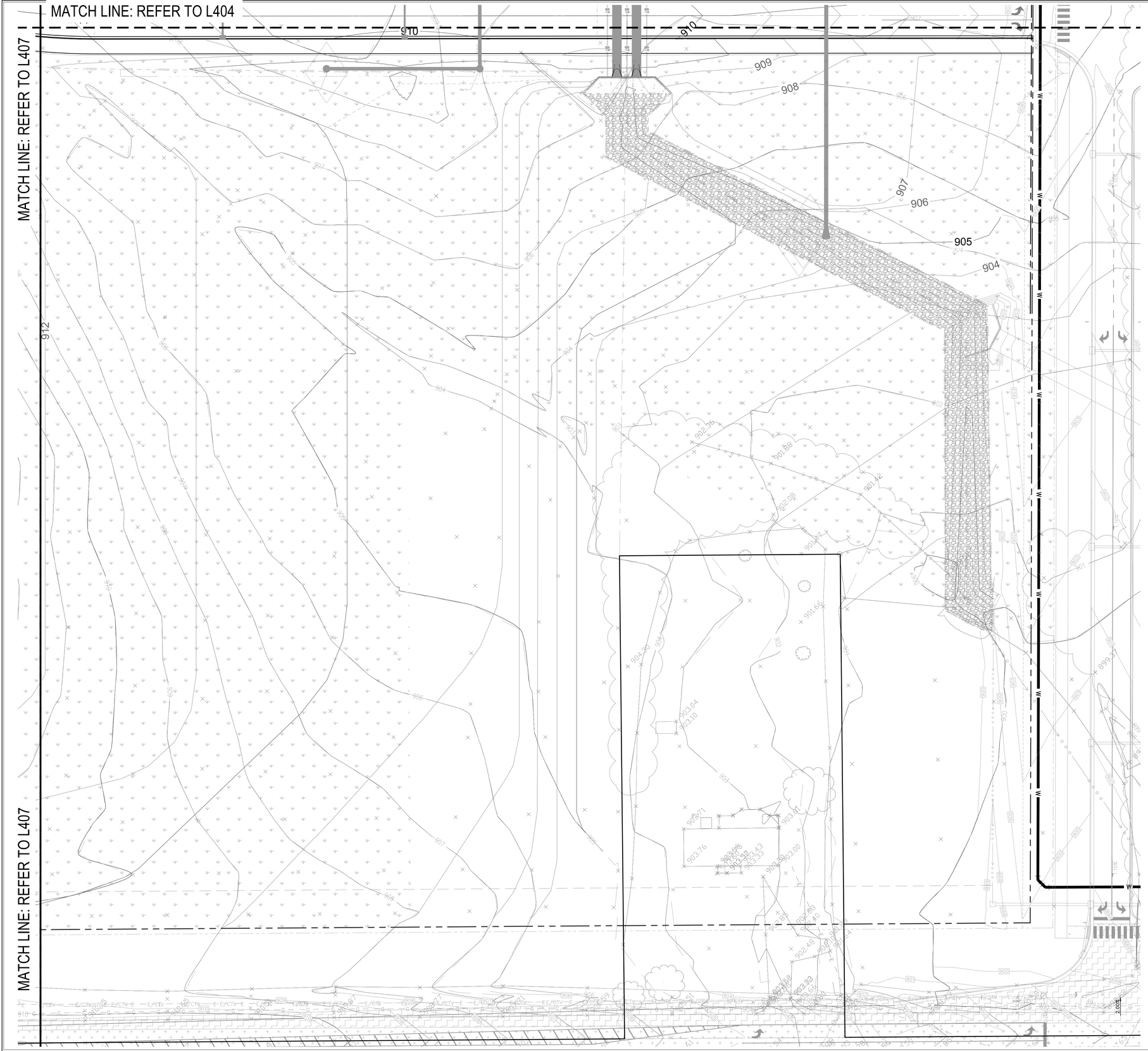
DRAWING NUMBER
L407

PROJECT NUMBER
2023016

MATCH LINE: REFER TO L404

MATCH LINE: REFER TO L407

MATCH LINE: REFER TO L407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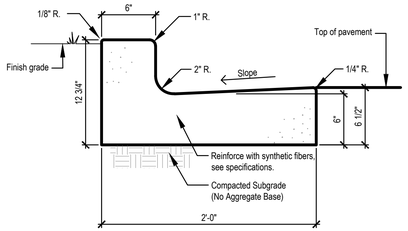
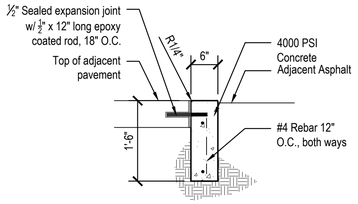


NOTES:
1. Curb shall have ½" expansion joints at 40'-0" max. and at ends of radii unless otherwise noted. Sawn control joints shall be at 8'-0: max. unless otherwise noted.

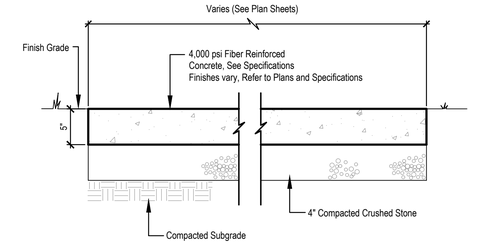
2. Confirm slope direction of gutter section with grading plans.

9 CONCRETE CURB & GUTTER
1 1/2"=1'-0"



NOTES:
1. Curb shall have ½" expansion joints at 40'-0" max, control joints at 8'-0" max. unless otherwise noted. See Plans for jointing layout.
2. Control joints shall be cut ¼ depth of total thickness of slab.

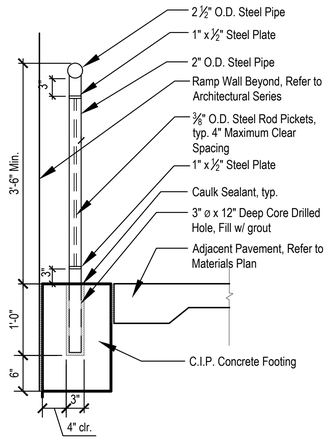
6 CURB, FLUSH 6"
Scale: 3/4" = 1'-0"



NOTES:
1. Provide expansion joints at intersection with another sidewalk, beween walks and building slabs, and at other points as indicated on the drawings.
2. Refer to plan drawings for locations of control and expansion joints.

4 STANDARD CONCRETE PAVEMENT
Not to scale

02



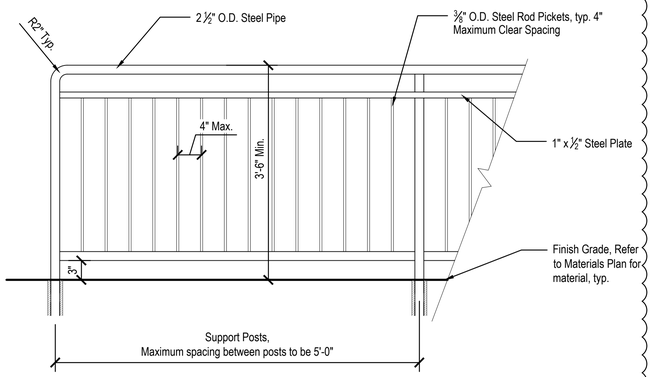
NOTES:
1. Maintain guardrail height at a constant 42" minimum above walking surface.

2. Miter cut, weld clean, and grind smooth all visible metal connections. Turn guardrail down to pavement at 90 degrees and embed into concrete.

3. Submit shop drawings of all metal components to landscape architect for review prior to fabrication.

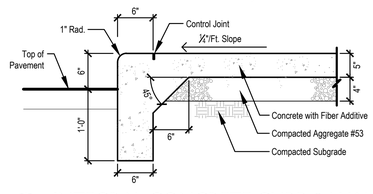
4. All Aluminum components shall be cleaned and clear anodized as specified by Landscape Architect in Bid Documents.

SECTION - EMBEDDED CONCRETE



ELEVATION

10 GUARDRAIL AT LOADING DOCK
Scale: 1" = 1'-0"



NOTES:
1. Curb shall have ½" expansion joints at 40'-0" max, control joints at 8'-0" max. unless otherwise noted.

2. Control joints shall be cut ¼" depth of total thickness of slab.

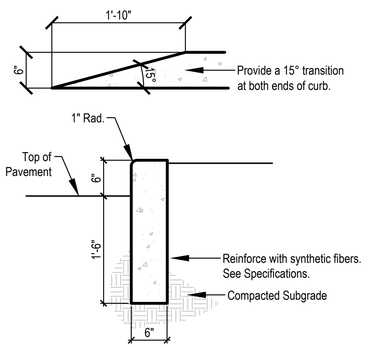
3. Fiber additive: Virgin nylon fibers, ¾" length, Nycon by Nycon Inc., or Forta Nylon by Forta Corporation, added at the batch plant at 1 lb. per cu. yd. of concrete.

8 INTEGRAL CONCRETE CURB & WALK
Scale: 1"=1'-0"

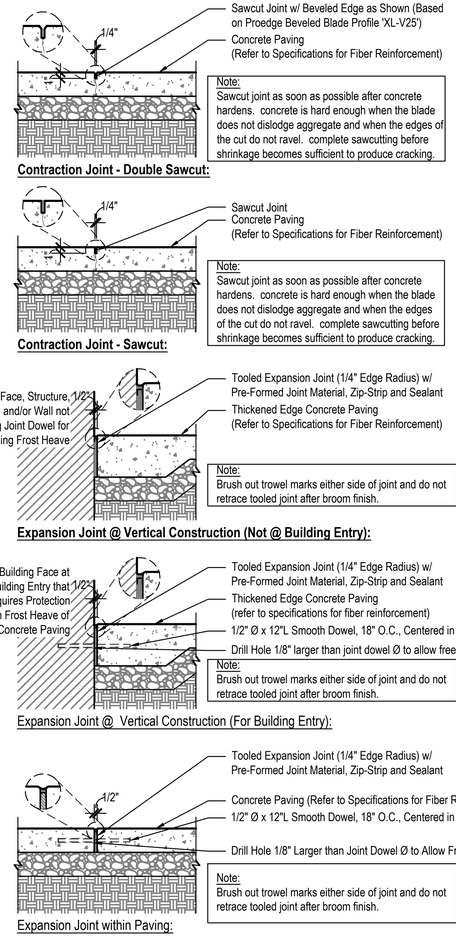
NOTES:
1. Curb shall have ¼" expansion joints at 40'-0" max, control joints at 8'-0" max. unless otherwise noted.

2. Control joints shall be cut ¼" depth of total thickness of slab.

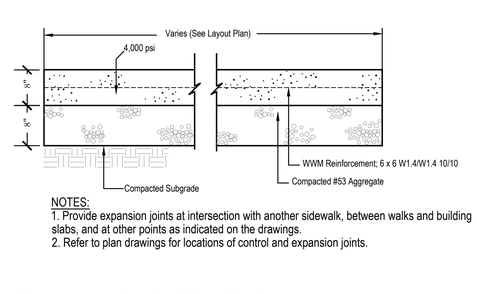
3. Fiber additive: Virgin nylon fibers, ¾" length, Nycon by Nycon Inc., or Forta Nylon by Forta Corporation, added at the batch plant at 1 lb. per cu. yd. of concrete.



7 CONCRETE POST CURB
Scale: 1"=1'-0"

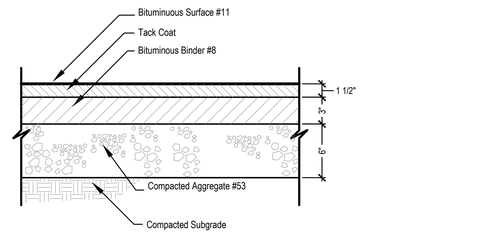


5 CONCRETE JOINTING
Scale: 1" = 1'-0"

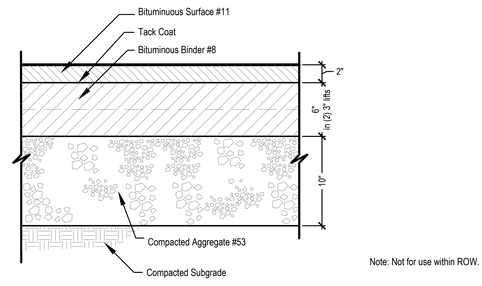


NOTES:
1. Provide expansion joints at intersection with another sidewalk, between walks and building slabs, and at other points as indicated on the drawings.
2. Refer to plan drawings for locations of control and expansion joints.

3 HEAVY DUTY CONCRETE
Not to Scale



2 STANDARD ASPHALT PAVEMENT (Parking)
Not to Scale



Note: Not for use within ROW.

1 HEAVY-DUTY ASPHALT PAVEMENT (Bus Lot and Drives)
Not to Scale

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REVISIONS:

1	Addendum 1	2024/06/07
2	Addendum 6	2024/08/16

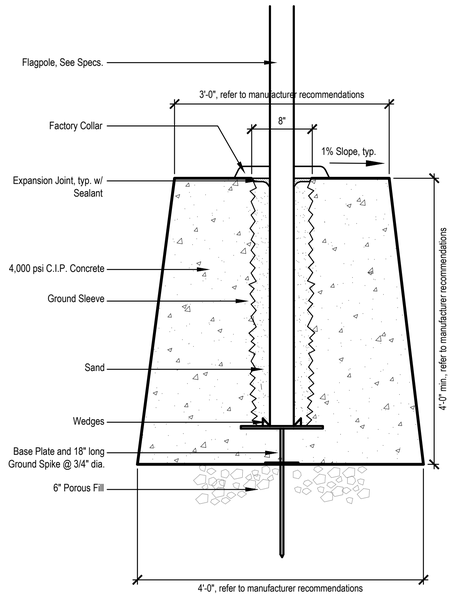
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	SS	FP

DRAWING TITLE:
SITE DETAILS

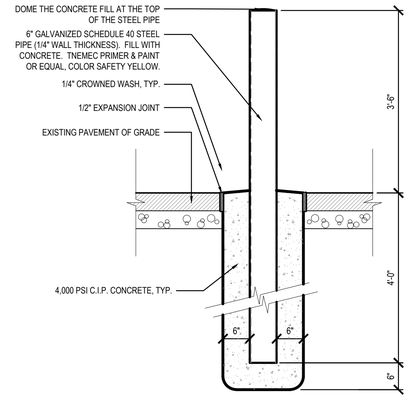
CERTIFIED BY:
FREDDIE J. PRAZEAU
REGISTERED
No. 20200052
STATE OF INDIANA
LANDSCAPE ARCHITECT

DRAWING NUMBER
L500

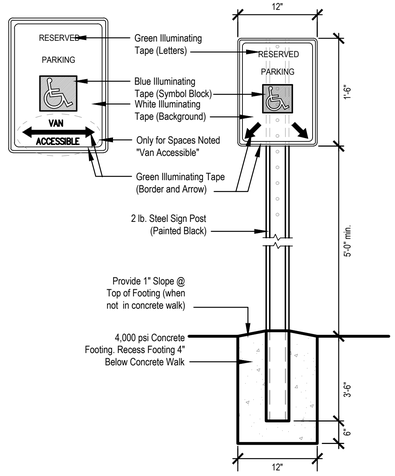
PROJECT NUMBER
2023016



12 FLAGPOLE FOOTING
Scale: 1" = 1'-0"



10 STEEL PIPE BOLLARD - 6"
Scale: 3/4"=1'-0"

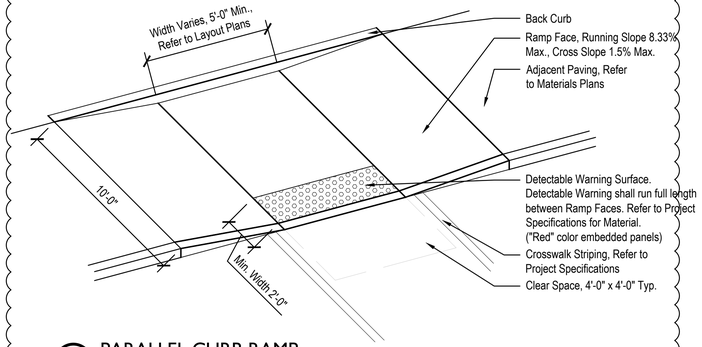


7 ACCESSIBLE PARKING SIGN
Not to Scale

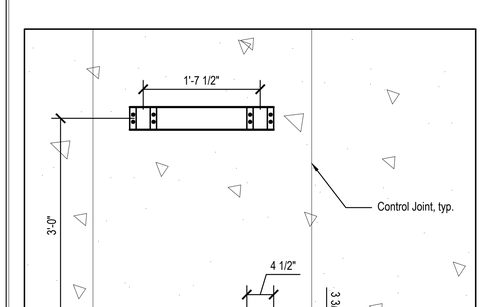
01

4 Detail Not Used

NOTE: The ramp type shown in this detail is a Prototypical Configuration. Minor adjustments may be required to accommodate specific field conditions. Coordinate adjustments and alterations in the field with the Landscape Architect. Ensure that positive drainage is maintained on and around each ramp to prevent birdbaths and ponding.



3 PARALLEL CURB RAMP
Scale: 1/4" = 1'-0"

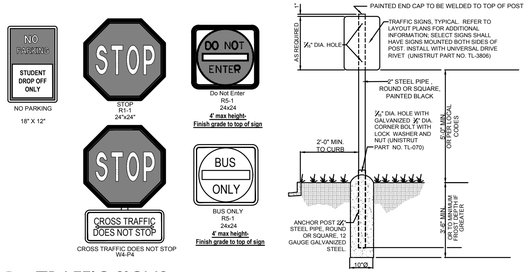


SECTION: SURFACE MOUNT

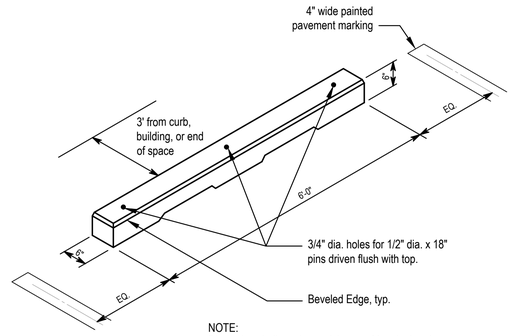
PLAN: SURFACE MOUNT

NOTES:
1. Install bike racks per manufacturer's recommendations
2. Finish to be powder coated gloss black
3. See key plans for locations and quantities
4. Bike racks to be surface mounted

11 BIKE RACK
Scale: 1" = 1'-0"

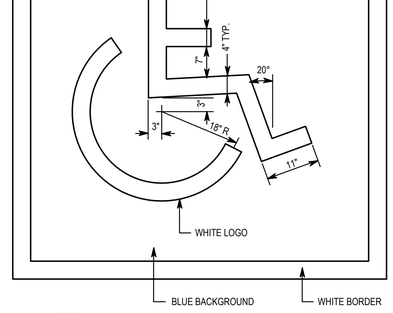


9 TRAFFIC SIGNS
Not to Scale



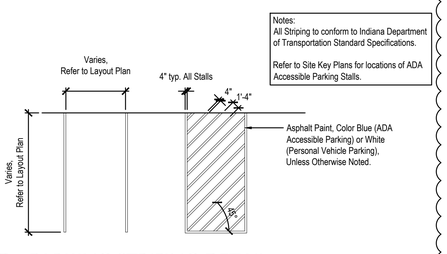
NOTE:
Dimensions indicated are minimums. Manufacturer's standards in excess are acceptable. Precast concrete OR recycled HDPE may be provided at Contractor's option.

8 WHEEL STOP
Not to Scale



NOTE:
ALL STRIPES TO BE 4" PAINTED WHITE

6 ACCESSIBLE PARKING SYMBOL
Not to Scale

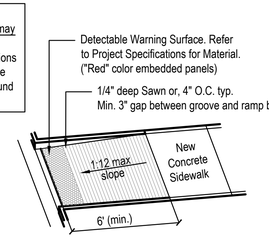


Notes:
All Striping to conform to Indiana Department of Transportation Standard Specifications.

Refer to Site Key Plans for locations of ADA Accessible Parking Stalls.

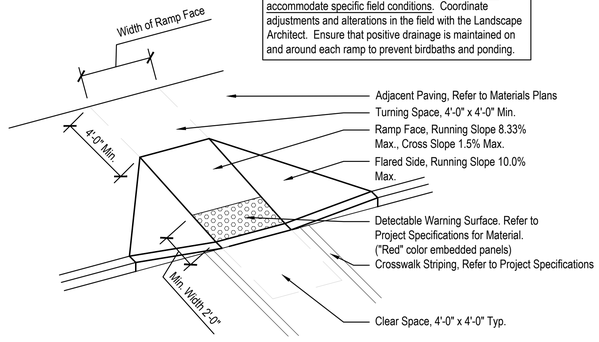
5 PARKING STRIPING DETAIL
Scale: 1" = 1'-0"

NOTE: The ramp type shown in this detail is a Prototypical Configuration. Minor adjustments may be required to accommodate specific field conditions. Coordinate adjustments and alterations in the field with the Landscape Architect. Ensure that positive drainage is maintained on and around each ramp to prevent birdbaths and ponding.



1 STRAIGHT RAMP
Scale: 1/4" = 1'-0"

NOTE: The ramp type shown in this detail is a Prototypical Configuration. Minor adjustments may be required to accommodate specific field conditions. Coordinate adjustments and alterations in the field with the Landscape Architect. Ensure that positive drainage is maintained on and around each ramp to prevent birdbaths and ponding.



2 PERPENDICULAR CURB RAMP WITH FLARES
Scale: 1/4" = 1'-0"

W

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD. WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the relationship of the various parts and the type of structural, mechanical and electrical systems used.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
The Contractor shall perform all general scope indicated or described; the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	Addendum 5	2024/08/09

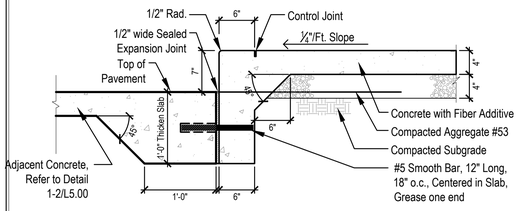
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	SS	FP

DRAWING TITLE:
SITE DETAILS

CERTIFIED BY:
FREDDIE J. PRAZEAU
REGISTERED
No. 20200052
STATE OF INDIANA
LANDSCAPE ARCHITECT

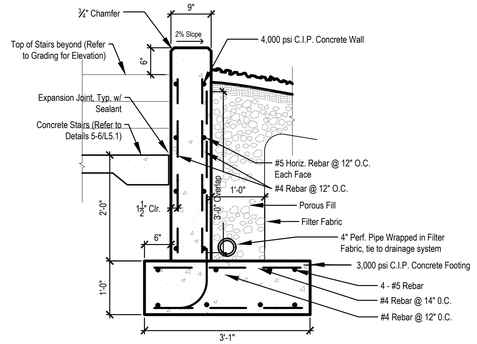
DRAWING NUMBER
L501

PROJECT NUMBER
2023016



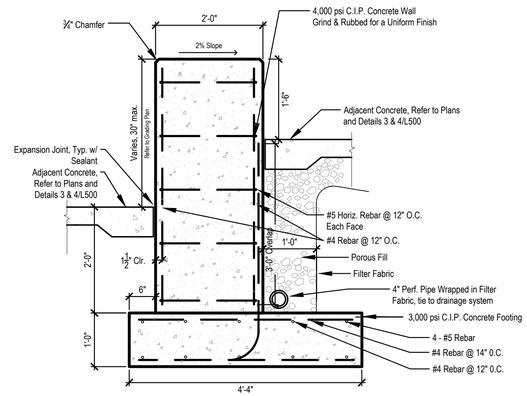
6 SINGLE SIDEWALK RISER

Scale: 1"=1'-0"



5 CONCRETE RETAINING WALL AROUND STAIRS

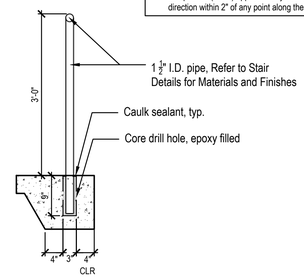
Scale: 3/4"=1'-0"



2 CONCRETE RETAINING WALL BY BLEACHERS

Scale: 3/4"=1'-0"

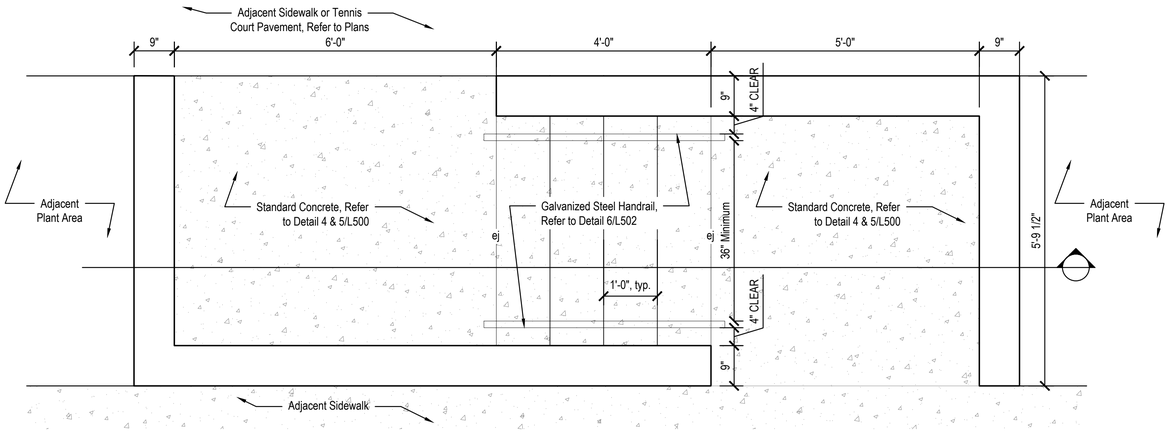
NOTES:
1. Maintain handrail height at a constant height above walking surface at 36" typical.
2. Miter cut, weld clean, and grind smooth all visible metal connections. Turn handrail back into posts at 90 degrees and weld connection at end conditions.
3. Submit shop drawings of all metal components to landscape architect for review prior to fabrication.
4. All steel components shall be cleaned, primed, and painted as specified by landscape architect in bid package.
5. Contractor to ensure all handrails can withstand no less than 200 pounds (890N) applied in any downward or outward direction within 2" of any point along the top edge of the rail.



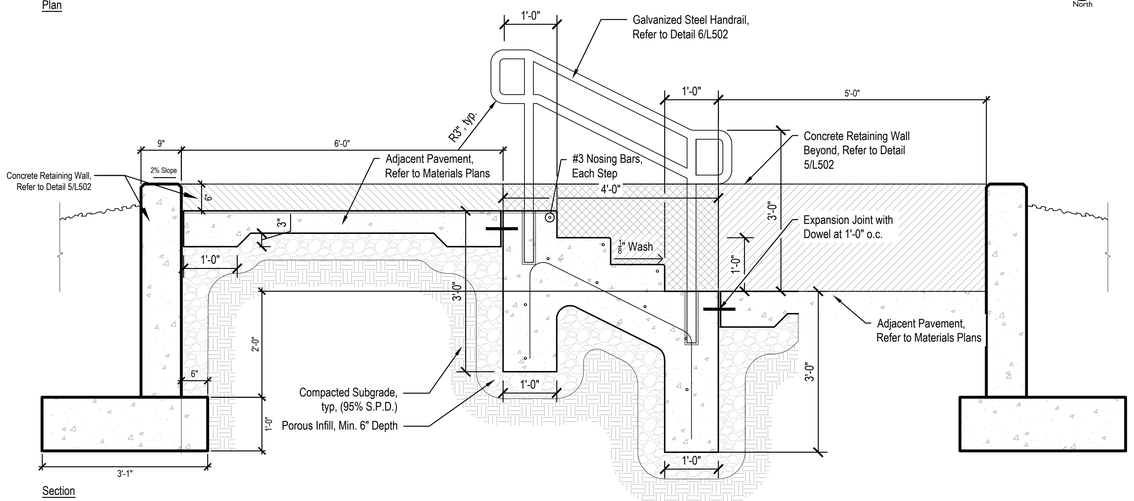
3 METAL HANDRAIL, EMBEDDED

Scale: 3/4" = 1'-0"

03



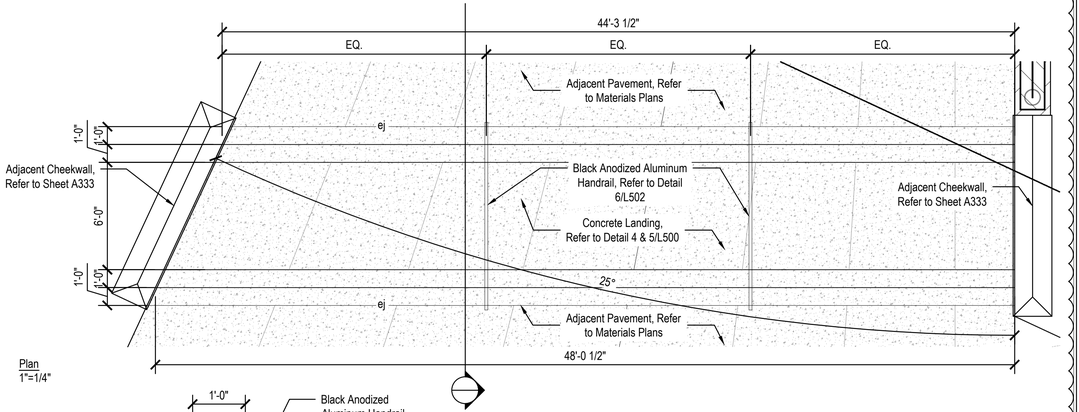
Plan



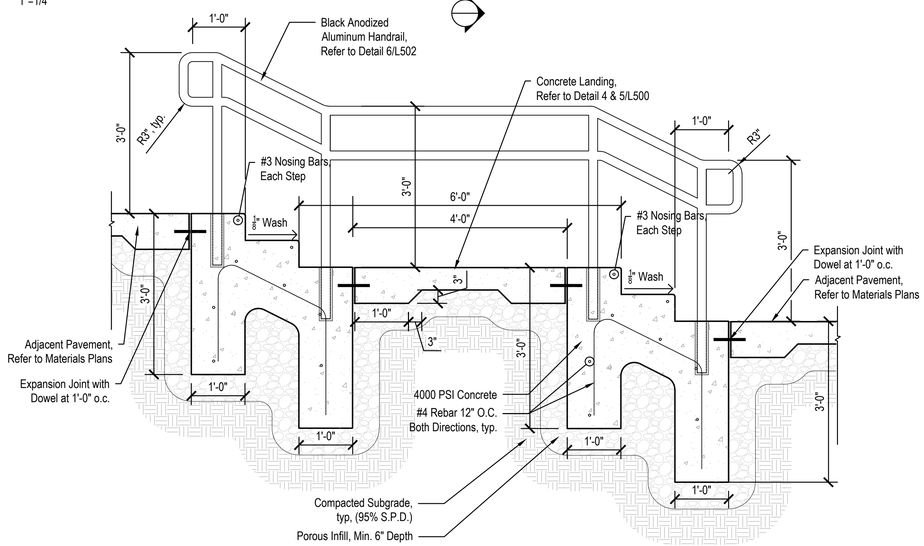
Section

4 3-STEP STAIR WITH HANDRAIL AND RETAINING WALL - SECTION

Scale: 3/4" = 1'-0"



Plan
1"=1/4"



Section
3/4"=1'-0"

1 STAIR, 4 STEPS, 2 TIERS - SECTION

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PROJECT:
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BID DOCUMENTS
17707 CENTENNIAL RD. WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the performance criteria for the major items of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for the satisfactory performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the contractor shall provide all labor and materials required for the proper execution and completion of the work.

REVISIONS:

1	Addendum 2	2024/06/17
2	Addendum 5	2024/08/09
3	Addendum 6	2024/08/16

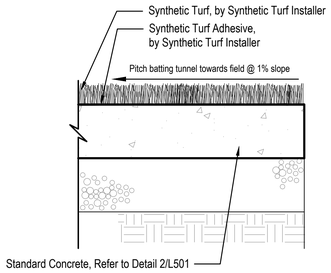
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	SS	FP

DRAWING TITLE:
SITE DETAILS

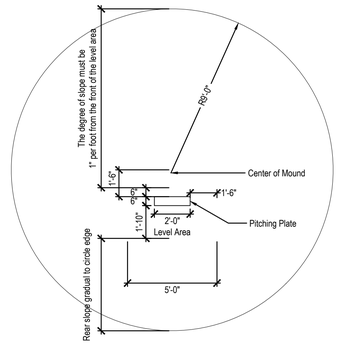
CERTIFIED BY:
FREDDIE J. PRAZEAU
REGISTERED
No. 20200052
STATE OF INDIANA
LANDSCAPE ARCHITECT

DRAWING NUMBER
L502

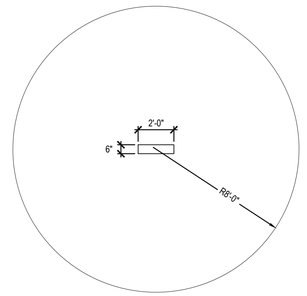
PROJECT NUMBER
2023016



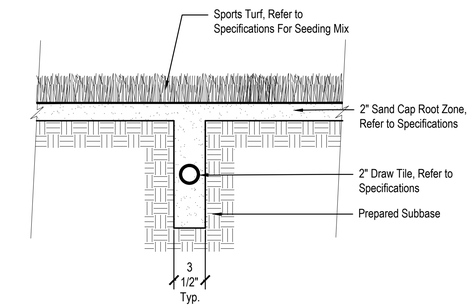
5 BATTING TUNNEL SURFACING - SECTION
Scale: 1-1/2" = 1'-0"



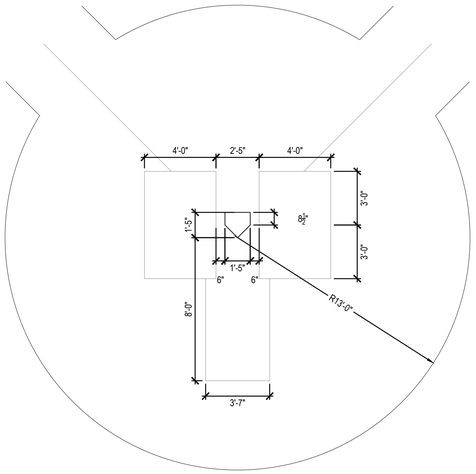
4 BASEBALL PITCHER MOUND
Scale: 1/4" = 1'-0"



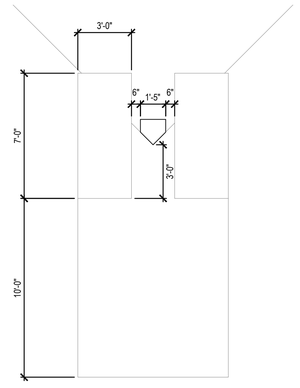
2 SOFTBALL PITCHER MOUND
Scale: 1/4" = 1'-0"



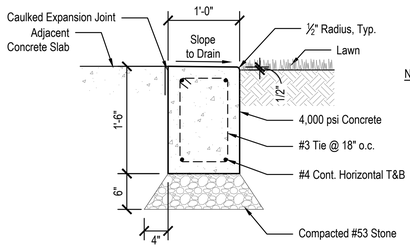
7 BALL DIAMOND - TYPICAL ROOT ZONE SECTION
Scale: 1-1/2" = 1'-0"



3 BASEBALL CATCHER & BATTER BOX
Scale: 1/4" = 1'-0"



1 SOFTBALL CATCHER AND BATTER BOX
Scale: 1/4" = 1'-0"



NOTES:
1. All exposed faces of concrete curb shall receive light broom finish running parallel with the run of the curb.
2. Provide vertical expansion joints at 10'-0" O.C. max. Assume joints land on paving and wall corners, assume equal spacing between these points.
3. Rebar shall be 2" clear from all faces.

6 12" FLUSH CONCRETE CURB
Scale: 1" = 1'-0"

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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD. WESTFIELD, IN 46074

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REVISIONS:

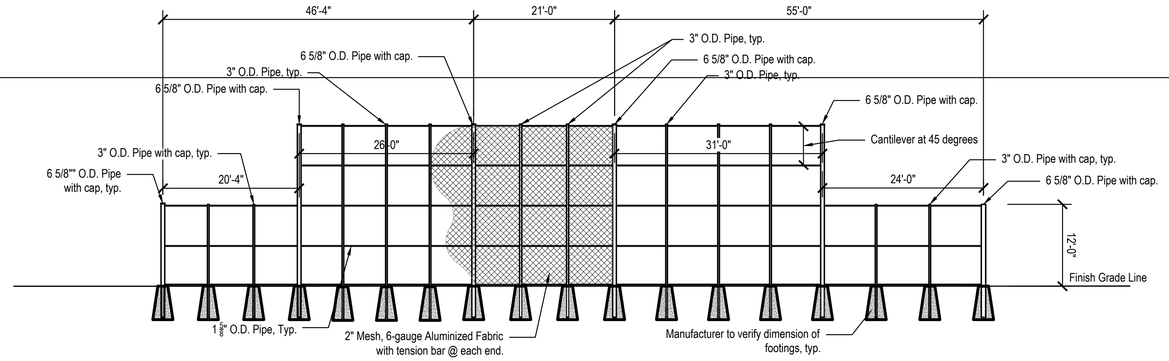
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	SS	FP

DRAWING TITLE:
ATHLETIC DETAILS

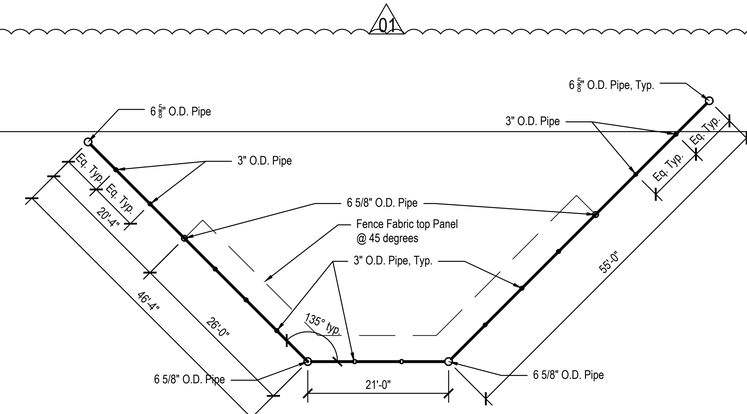
CERTIFIED BY:
FREDDIE J. PRAZEAU
REGISTERED
No. 20200052
STATE OF INDIANA
LANDSCAPE ARCHITECT

DRAWING NUMBER
L510

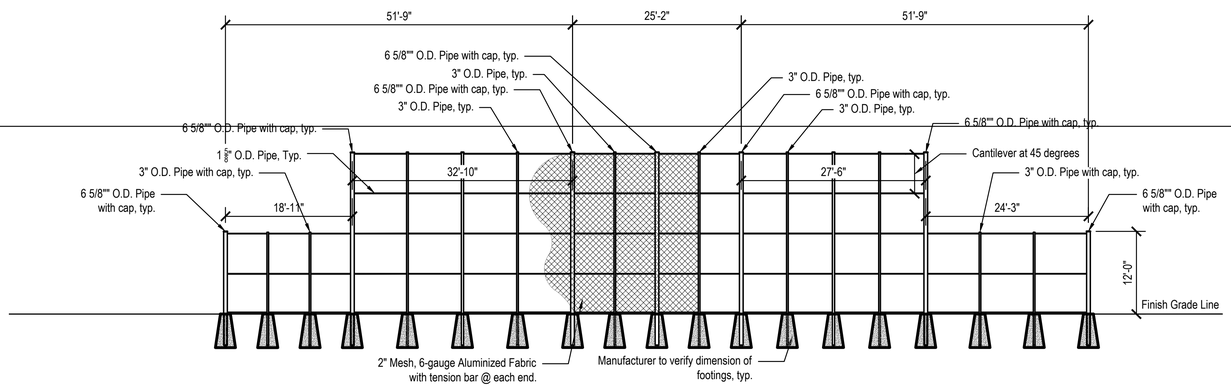
PROJECT NUMBER
2023016



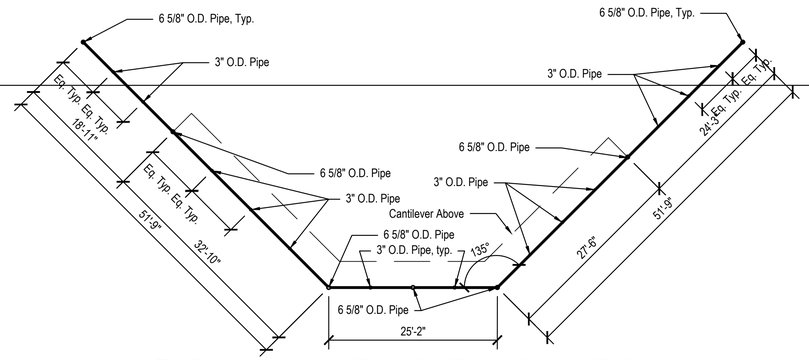
4 CHAINLINK BACKSTOP - SOFTBALL - ELEVATION
Scale: 3/32" = 1'-0"



2 CHAINLINK BACKSTOP - SOFTBALL - ENLARGED PLAN
Scale: 3/32" = 1'-0"



3 CHAINLINK BACKSTOP - BASEBALL - SECTION
Scale: 3/32" = 1'-0"



1 CHAINLINK BACKSTOP - BASEBALL - ENLARGED PLAN
Scale: 3/32" = 1'-0"

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17707 CENTENNIAL RD. WESTFIELD, IN 46074

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REVISIONS:

1	Addendum 6	2024/08/16

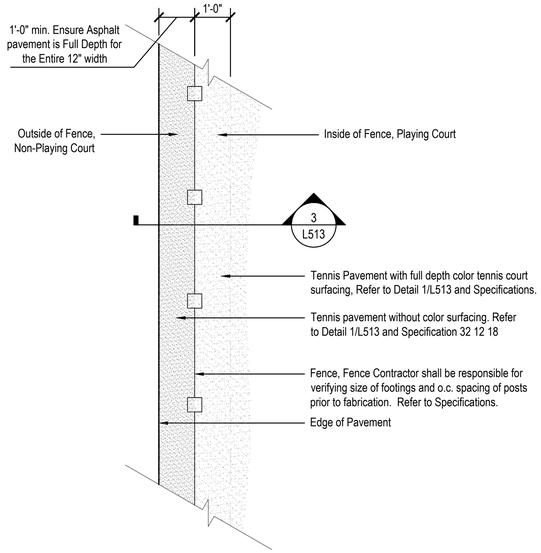
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	SS	FP

DRAWING TITLE:
ATHLETIC DETAILS

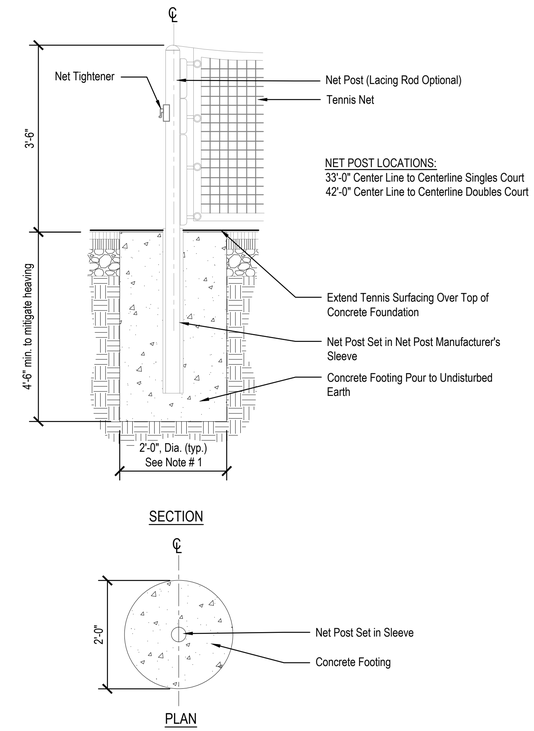
CERTIFIED BY:
FREDDIE J. PRAZEAU
REGISTERED
No. 20200052
STATE OF INDIANA
LANDSCAPE ARCHITECT

DRAWING NUMBER
L511

PROJECT NUMBER
2023016

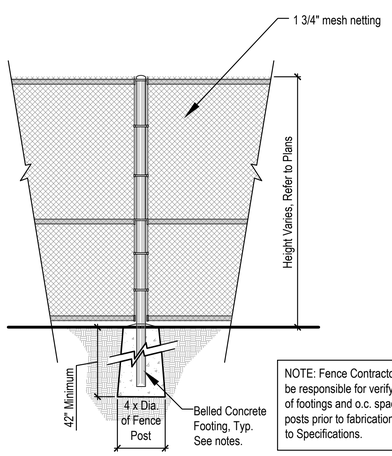


4 EDGE OF TENNIS PAVEMENT DETAIL - ENLARGED PLAN
Scale: 1/2" = 1'-0"



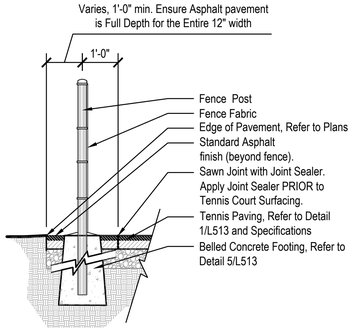
NOTES:
1. Foundation Depth and Width may very with the Soil Type and Strength of the Net Post
2. Installation to be completed in Accordance with Manufacturer's Specifications.
3. Do Not Scale Drawing.
4. This Drawing is Intended for Use by Architects, Engineers, Contractors, Consultants and Design Professionals for Planning Purposes Only. This Drawing May Not be Used for Construction.
5. All Information Contained Herein was current at the time of Development, But Must be Reviewed and Approved by the Product Manufacturere to be Considered Accurate.

2 TENNIS NET POST FOOTING
Scale: 3/4" = 1'-0"



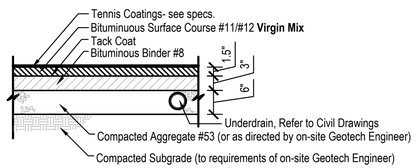
NOTE: Fence Contractor shall be responsible for verifying size of footings and o.c. spacing of posts prior to fabrication. Refer to Specifications.

5 TENNIS CHAIN LINK FENCE
SCALE: 1/2" = 1'-0"



3 EDGE OF TENNIS PAVEMENT DETAIL - SECTION
Scale: 1/2" = 1'-0"

NOTE: Contractor Shall Coordinate on-site Geotechnical Investigation and Coordinate Recommendations from the Geotechnical Engineer. Final Depths of Materials Shall Meet the Requirements of the Geotechnical Recommendations.



1 TENNIS PAVEMENT
Not to Scale

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REVISIONS:

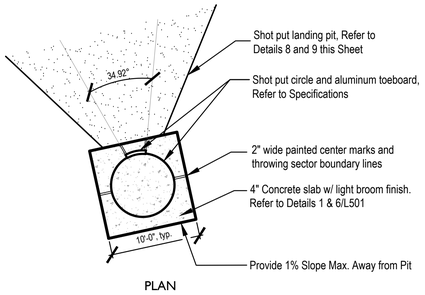
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	SS	FP

DRAWING TITLE:
ATHLETIC DETAILS

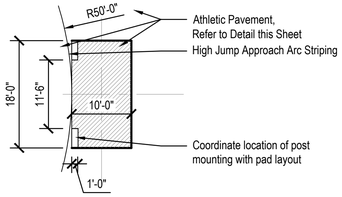
CERTIFIED BY:
FREDDIE J. PRAZEAU
REGISTERED
No. 20200052
STATE OF INDIANA
LANDSCAPE ARCHITECT

DRAWING NUMBER
L512

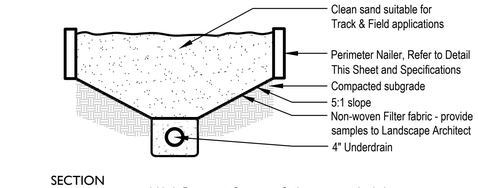
PROJECT NUMBER
2023016



7 SHOT PUT PAD
Not to scale



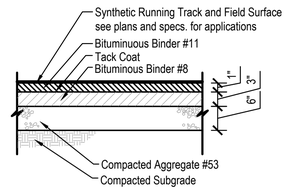
4 HIGH JUMP LANDING ZONE
Not to Scale



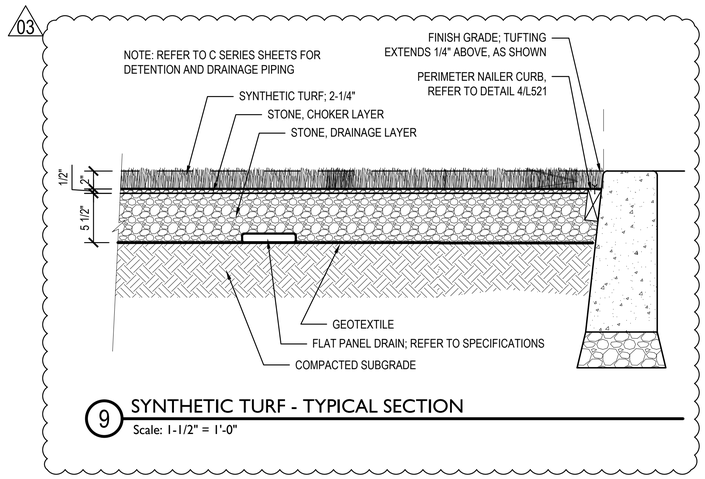
All-weather IHSAA long jump lane with synthetic surface and sand pit. See specs. The long jump pit shall be contained by a 6" wide x 18" deep cast-in-place concrete curb with top elevation set ½" above take-off-board. An underdrain shall run the length of pit and connect to nearest storm inlet.

PLAN

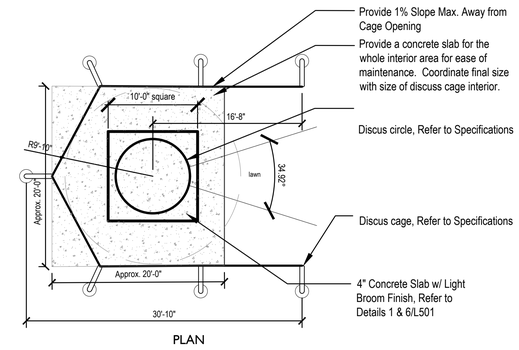
3 LONG JUMP PIT
Not to scale



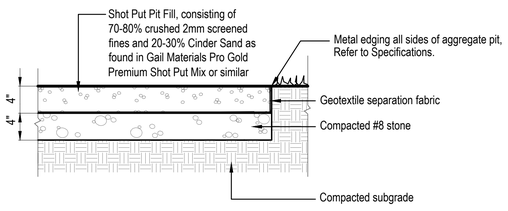
2 TRACK PAVEMENT - ASPHALT BASE
Not to Scale



9 SYNTHETIC TURF - TYPICAL SECTION
Scale: 1-1/2" = 1'-0"

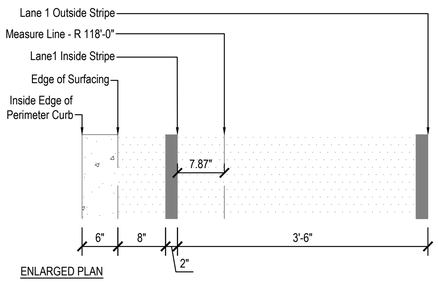


6 DISCUS CAGE
Not to Scale

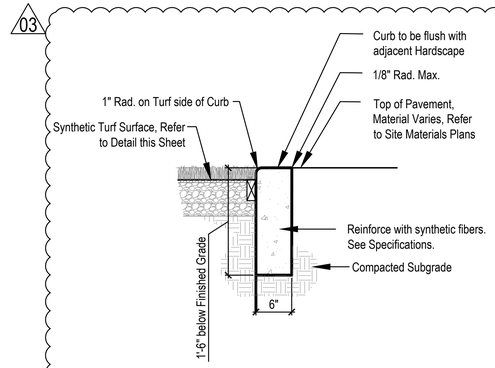


8 SHOT PUT PIT
Not to Scale

Contractor to Verify As-Built Condition of Track with Striping Layout for NFHS and IHSAA Standards.



5 PROTOTYPICAL TRACK LAYOUT AND LANE STRIPING
Scale: 1" = 1'-0"



1 PERIMETER NAILER CURB
1"=1'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD. WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the performance criteria for the major type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for the satisfactory performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the Contractor shall provide all work required for the proper execution and completion of the work.

REVISIONS:

1	Addendum 2	2024/06/17
2	Addendum 3	2024/06/24
3	Addendum 6	2024/08/16

ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	SS	FP

DRAWING TITLE:
ATHLETIC DETAILS

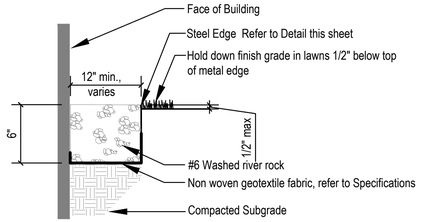
CERTIFIED BY:
FREDDIE J. PRAZEAU REGISTERED No. 20200052 STATE OF INDIANA LANDSCAPE ARCHITECT

DRAWING NUMBER
L513

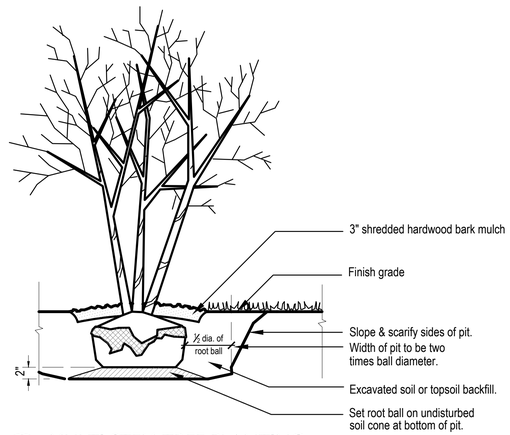
PROJECT NUMBER
2023016

PLANT SCHEDULE

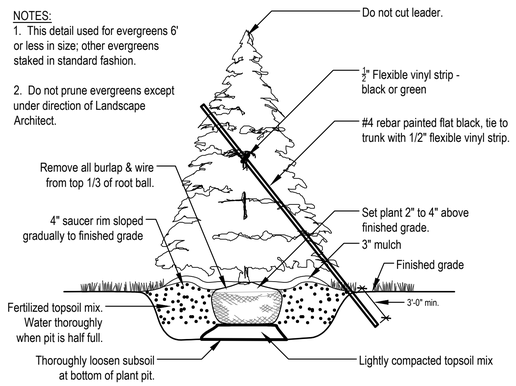
CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	REMARKS
DECIDUOUS TREES						
Ace-b	22	Acer x freemanii `Autumn Blaze`	Autumn Blaze Maple	B & B	2"Cal	full, strong central leader, matched
Bet-n	23	Betula nigra	River Birch	B & B	2"Cal	Multi-Trunk
Gle-s	14	Gleditsia triacanthos inermis `Shademaster`	Shademaster Thornless Honeylocust	B & B	2"Cal	full, strong central leader, matched
Lir-t	36	Liriodendron tulipifera	Tulip Tree	B & B	2"Cal	full, strong central leader, matched
Que-r	26	Quercus rubra	Red Oak	B & B	2.5"Cal	spring dug, strong central leader, symmetrical, full, matched
Til-a	4	Tilia americana `Boulevard`	Boulevard Linden	B & B	2"Cal	full, strong central leader, matched
Til-c	7	Tilia cordata `Greenspire`	Greenspire Littleleaf Linden	B & B	2"Cal	full, strong central leader, matched
Ulm-m	10	Ulmus x `Morton Accolade`	Morton Accolade Elm	B & B	2"Cal	full, strong central leader, matched
Zel-s	7	Zelkova serrata `Autumn Glow`	Autumn Glow Japanese Zelkova	B & B	2"Cal	full, strong central leader, matched
EVERGREEN TREES						
Pic-d	49	Picea glauca `Densata`	Black Hills Spruce	B & B	min. 6` ht.	full, strong central leader, matched, symmetrical
Pic-o	46	Picea omorika	Serbian Spruce	B & B	min. 6` ht.	full, strong central leader, matched, symmetrical
ORNAMENTAL TREES						
Ace-g	17	Acer griseum	Paperbark Maple	B & B	2"Cal	full, strong central leader, matched
Ame-x	21	Amelanchier x grandiflora `Autumn Brilliance`	Autumn Brilliance Serviceberry	B & B	8` ht.	multi-trunk; 7-11 stems
Cer-c	28	Cercis canadensis	Eastern Redbud	B & B	8` ht.	multi-trunk; 3-7 Stems
Cra-c	18	Crataegus crus-galli	Cockspur Hawthorn	B & B	2"Cal	full, strong central leader, matched
CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	HEIGHT	REMARKS
SHRUBS						
Aro-m	57	Aronia melanocarpa `Iroquois Beauty`	Black Chokeberry	Container	18" ht. min.	space @ 4`-0" o.c.
Cor-a	236	Cornus stolonifera `Farrow`	Arctic Fire Dogwood	container	24"	space @ 3`-0" o.c.
Fot-g	95	Fothergilla gardenii	Dwarf Fothergilla	container	24"	space @ 3`-0" o.c.
Hyd-m	65	Hydrangea macrophylla `Endless Summer Twist-n-Shout`	Twist-n-Shout Hydrangea	container	24"	space @ 4`-0" o.c.
Hyd-p	20	Hydrangea paniculata `Jane`	Little Lime Hydrangea	container	24"	space @ 4`-0" o.c.
Hyd-o	8	Hydrangea quercifolia	Oakleaf Hydrangea	Container	24" ht. min.	
Hyd-q	82	Hydrangea quercifolia	Oakleaf Hydrangea `Ruby Slippers`	container	24"	space @ 4`-0" o.c.
Ite-v	60	Itea virginica `Henry`s Garnet`	Henry`s Garnet Sweetspire	Container	18" ht. min.	space @ 3`-0" o.c.
Jun-v	86	Juniperus virginiana `Grey Owl`	Grey Owl Juniper	container	18" spread	space @ 3`-0" o.c., allow to mass
Phy-o	58	Physocarpus opulifolius `Summer Wine`	Summer Wine Ninebark	Container	24" ht. min.	space @ 5`-0" o.c.
Rhu-a	12	Rhus aromatica `Gro-Low`	Gro-Low Fragrant Sumac	container	18" spread	space @ 5`-0" o.c., allow to mass
Thu-o	243	Thuja occidentalis `Little Giant`	Little Giant Arborvitae	container	24"	space @ 4`-0" o.c.
Vib-x	85	Viburnum x juddii	Judd Viburnum	Container	18" ht. min.	space @ 4`-0" o.c., allow to mass



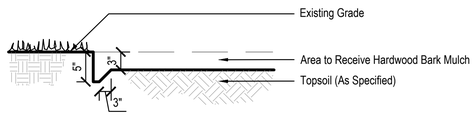
6 STONE MAINTENANCE EDGE (MOWSTRIP)
Not to Scale



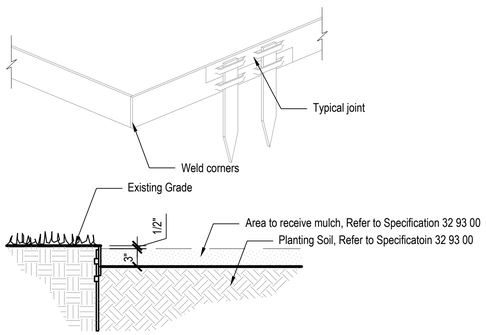
3 MULTI-STEM TREE PLANTING
Not to Scale



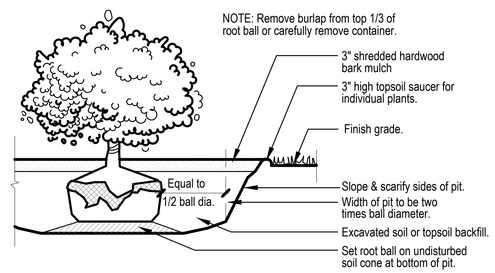
2 EVERGREEN TREE PLANTING
Not to Scale



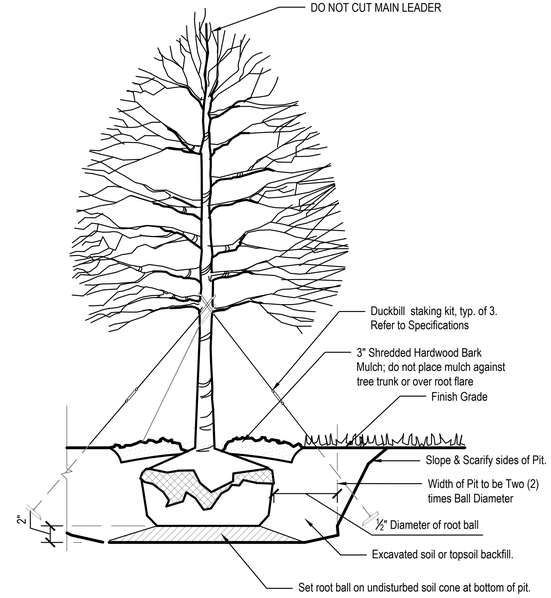
5 SPADE EDGE
Not to Scale



7 STEEL EDGE
Scale: 1" = 1'-0"



4 SHRUB PLANTING
Not to Scale



1 SHADE TREE - STAKED
Scale: Not to Scale

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SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the relationship between the building and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
The Contractor shall furnish all general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	SS	FP

DRAWING TITLE:
PLANTING SCHEDULE AND DETAILS

CERTIFIED BY:
FREDDIE J. PRAZEAU
REGISTERED
No. 20200052
STATE OF INDIANA
LANDSCAPE ARCHITECT

DRAWING NUMBER
L600

PROJECT NUMBER
2023016

COORDINATION WITH OTHER TRADES

1. The Contractor shall coordinate and check all dimensions relating to Architectural finishes, mechanical equipment and openings, elevator shafts and overrides, etc. and notify the Architect/Engineer of any discrepancies before proceeding with any work in the area under question.
2. The Structural Drawings shall be used in conjunction with the Drawings of all other disciplines and the Specifications. The Contractor shall verify the requirements of other trades as to sleeves, chases, hangers, inserts, anchors, holes, and other items to be placed or set in the Structural Work.
3. There shall be no vertical or horizontal sleeves set, or holes cut or drilled in any beam or column unless shown on the Structural Drawings or approved in writing by the SER.
4. Mechanical and electrical openings through concrete slabs and walls, 8" diameter or larger not shown on the Structural Drawings must be approved by the SER. Openings less than 8" diameter shall have at least 1'-0" clear between openings, unless approved in writing by the SER.
5. Verify locations and dimensions of mechanical and electrical openings through supported slabs and walls shown on the Structural Drawings with those of the fabricator of the precast/tilt-up concrete.
6. Do not install conduit in supported slabs, slabs on grade, or concrete walls unless explicitly shown or noted on the Structural Drawings.
7. Do not suspend any items, such as ductwork, mechanical or electrical fixtures, ceilings, etc. from steel roof deck or wood roof sheathing.
8. The Mechanical Contractor shall verify that mechanical units supported by steel framing are capable of spanning the distance between the supporting members indicated on the Structural Drawings. The Mechanical Contractor shall supply additional support framing as required.
9. If the Drawings and Specifications are in conflict, the most stringent restrictions and requirements shall govern.

GENERAL NOTES

1. The Contractor shall be responsible for complying with all safety precautions and regulations during the work. The SER will not advise on, nor issue direction as to safety precautions and programs.
2. The Structural Drawings herein represent the finished structure. The Contractor shall provide all temporary guying and bracing required to erect and hold the structure in proper alignment until all Structural Work and connections have been completed. The investigation, design, safety, adequacy and inspection of the bracing, shoring, temporary supports, etc. are to the sole responsibility of the Contractor.
3. The SER shall not be responsible for the methods, techniques and sequences of procedures to perform the Work. The supervision of the Work is the sole responsibility of the Contractor.
4. The Drawings indicate general and typical details of construction. Where conditions are not specifically shown, similar details of construction shall be used, subject to approval of the SER.
5. All structural systems which are to be composed of components to be field erected shall be supervised by the Supplier during manufacturing, delivery, handling, storage, and erection in accordance with the Supplier's instructions and requirements.
6. Loading applied to the structure during the process of construction shall not exceed the safe load-carrying capacity of the structural members. The live loads used in the design of this structure are indicated in the "Design Criteria Notes." Do not apply any construction loads until structural framing is properly connected together and until all permanent bracing is in place.
7. All ASTM and other referenced standards and codes are for the latest editions of these publications, unless noted otherwise.
8. Shop drawings and other items shall be submitted to the SER for review prior to fabrication. All Shop Drawings shall be reviewed by the Contractor before submittal. The SER's review is to be for conformance with the design concept and general concepts, also with the notes and Contract Documents. The SER's review does not relieve the Contractor of the sole responsibility to review, check, and coordinate the Shop Drawings prior to submission. The Contractor remains solely responsible for errors and omissions associated with the preparation of Shop Drawings as they pertain to member sizes, details, dimensions, etc.
9. Submit Shop Drawings electronically. In no case shall reproductions of the Contract Documents be used as Shop Drawings. As a minimum, submit the following items for review.
   A. Concrete Mix Design(s).
   B. Reinforcing Steel Shop Drawings.
   C. Masonry Wall Reinforcing Steel Shop Drawings.
   D. Structural Steel Shop Drawings.
   E. Steel Joist Shop Drawings.
   F. Steel Deck Shop Drawings.
   G. Cold-Formed Steel Framing Systems.
   H. Prefabricated Wood Truss and Wall Panel Systems.
10. Resubmitted Shop Drawings: Resubmitted shop drawings are reviewed only for responses to comments made in the previous submittal.
11. When calculations are included in the submittals for components of work designed and certified by a Specialty Structural Engineer, the review by the Structural Engineer of Record (SER) shall be for conformance with the relevant Contract Documents. The SER's review does not relieve the Specialty Structural Engineer from responsibility for the design of the system(s) and the coordination with the elements of the structure under the certification of the Engineer of Record or other Specialty Structural Engineer. The SER's review does not constitute a warranty of the accuracy or completeness of the Specialty Structural Engineer's design.
12. Contractors shall visit the site prior to bid to ascertain conditions which may adversely affect the work or cost thereof.
13. No structural member may be cut, notched, or otherwise reduced in strength without written direction from the SER.
14. When modifications are proposed to structural elements under the design and certification of a Specialty Engineer, written authorization by the Specialty Engineer must be obtained and submitted to the SER for review, prior to performing the proposed modifications.

FOUNDATIONS

1. Proofroll slab on grade areas with a medium-weight roller or other suitable equipment to check for pockets of soft material hidden beneath a thin crust of better soil. Any unsuitable materials thus exposed should be removed and replaced with compacted, engineered fill as outlined in the specifications. Proofrolling operations shall be monitored by the Geotechnical Testing Agency.
2. All engineered fill beneath slabs and over footings should be compacted to a dry density of at least 95% of the Standard Proctor maximum dry density (ASTM D698). All fill which shall be stressed by foundation loads shall be approved granular materials compacted to a dry density of at least 100% (ASTM D698). Coordinate all fill and compaction operations with the Specifications and the Subsurface Investigation.
3. Compaction shall be accomplished by placing fill in approx. 8" lifts and mechanically compacting each lift to at least the specified minimum dry density. For large areas of fill, field density tests shall be performed for each 3,000 square feet of building area for each lift as necessary to insure adequate compaction is being achieved.
4. Column footings and wall footings to bear on firm natural soils or well-compacted engineered fill with allowable bearing pressures of 2250 PSF and 1800 PSF for column and wall footings respectively, as outlined in the Subsurface Investigation Report.
   It is essential that the foundations be inspected to ensure that all loose, soft or otherwise undesirable material (such as organics, existing fill, etc.) is removed and that the foundation will bear on satisfactory material. The Geotechnical Testing Agency shall inspect the subgrade and perform any necessary tests to insure that the actual bearing capacities meet or exceed the design capacities. The Testing Agency shall verify the bearing capacity at each spread column footing and every 10 feet on center for strip footings prior to placement of concrete.
5. Place footings the same day the excavation is performed. If this is not possible, the footings shall be adequately protected against any detrimental change in condition, such as from disturbance, rain and freezing.
6. It is the responsibility of the Contractor and each Sub-Contractor to verify the location of all utilities and services shown, or not shown, and establish safe working conditions before commencing work.
7. The Contractor shall lay out the entire building and field verify all dimensions prior to excavation.
8. For information regarding subsurface conditions, refer to the Report of Geotechnical Engineering Exploration prepared by Patriot Engineering and Environmental, Inc., Patriot Project No. 24-0152-01G, dated March 11, 2024 and revised May 3, 2024.

POST-INSTALLED DOWELS & ANCHOR RODS

1. All reinforcing steel and threaded rod anchors to be installed in 2-part chemical anchoring system shall be treated as follows:
   A. Drill holes larger than bar or rod to be embedded. Coordinate hole diameter with Manufacturer's requirements.
   B. Holes must be cleaned and prepared in accordance with Manufacturer's requirements.
   C. When reinforcing steel is encountered during drilling for installation of anchors, stop drilling and use a sensor to locate the reinforcing in the surrounding area and install anchor(s) as close as possible to the original location. Contact the Structural Engineer of Record for direction when the revised location is more than 2" from the original location, or when the original function of the anchorage is significantly altered. When in doubt, contact the SER for direction.
   D. Drill the hole a minimum of 15 bar diameters or as shown on the Drawings.
   E. Use a 2-part adhesive anchoring system, Hilti HIT-HY 200, or approved equal.
   F. For anchorage into hollow substrate, use Hilti HIT-HY 270, or approved equal.
   G. Reinforcing steel dowels shall be ASTM A615, Grade 60, unless noted.
   H. Anchor rods shall be ISO 898 5.8 (Hilti HAS-E), unless noted. Provide finish as noted on the Drawings. If not noted, provide hot-dip galvanized finish for interior applications. Provide stainless steel finish for exterior applications, unless noted.
2. When column anchor bolts/rods have been omitted, or damaged by construction operations, the Contractor must obtain the written approval of the SER prior to repair and/or replacement.
   A. As a precaution, the affected column must be guyed and braced after repair for the balance of the erection period.
   B. As an alternate to guying and bracing, the Contractor may at his option, employ a testing agency to perform a tensile pull test to confirm the strength of the repaired or replaced anchor bolt/rod. The tensile proof load must exceed 1.33 x the design load of the original anchor without causing distress of the anchor bolt/rod or the surrounding concrete. Reference the following table for the minimum proof loads:

3/4" diameter:	11.6 kips
7/8" diameter:	16.0 kips
1" diameter:	20.9 kips

   Note: Values listed above are for ASTM F1554, Grade 36 material. When higher grade or strength materials are specified, refer to the AISC Manual of Steel Construction for minimum allowable loads to be multiplied by 1.33.
   C. When affected anchor bolts/rods are part of a fixed moment-resisting column base, such as those in moment-resisting space frames, canopies, or fixed-base installations, the repaired anchor bolts/rods must be proof-loaded, or the affected column footing and/or pier replaced in its entirety.
   D. When affected anchor bolts/rods are 1-1/8" diameter or larger, the affected column footing and/or pier must be replaced in its entirety.
   E. When affected anchor bolts/rods are part of a braced frame, the affected column footing and/or pier must be replaced in its entirety.
   F. Prior to erection, the controlling Contractor must provide written notification to the Steel Erector if there has been a repair, replacement or modification of the anchor bolts/rods for that column.

DESIGN CRITERIA

1. DESIGN STANDARDS: The intended design standards and/or criteria are as follows:

General	The 2014 Indiana Building Code (2012 International Building Code [IBC] with Indiana Amendments)
Concrete	ACI318
Masonry	ACI 530 / TMS 402
Steel	AISC Manual, Allowable Stress Design (ASD)
Steel Joists/Girders	Steel Joist Institute
Steel Deck	Steel Deck Institute
Cold-Formed Metal	AISI-ASD

   All referenced standards and codes, as well as ASTM numbers are for the latest editions of these publications, unless otherwise noted.
2. DEAD LOADS: Gravity Dead Loads used in the design of the structure are as computed for the materials of construction incorporated into the building, including but not limited to walls, floors, ceilings, stairways, fixed partitions, finishes, cladding and other similar architectural and structural items, as well as mechanical, electrical and plumbing equipment and fixtures, and material handling and fixed service equipment, including the weight of cranes.
3. LIVE LOADS: Gravity Live Loads used in the design of the structure meet or exceed the following table (IBC 2012, 1607.1):

OCCUPANCY OR USE:	Uniform (PSF):	Concentrated (LBS): [Note #1]
A. Schools		
1. Classrooms	40	1000
2. Corridors above First Floor	80	1000
3. First-floor Corridors	100	1000
B. Recreational Uses		
1. Gymnasiums / Exercise Rooms	100	---
2. Running Track	100	---
3. Reviewing Stands, Grandstands & Bleachers	100	Note "a"
C. Assembly Areas		
1. Fixed Seats	60	---
2. Projection & Control Rooms	50	---
3. Lobbies	100	---
4. Movable Seats	100	---
5. Stage Floors	150	---
D. Libraries		
1. Reading Rooms	60	1000
2. Stack Rooms	150	1000
E. Offices	50	2000
F. Light Storage	125	---
G. Mechanical Rooms	150	---
H. Stairs & Exits	100	300 on A = 4 in²

   Note #1: Unless otherwise noted, the indicated concentrated load has been assumed to be uniformly distributed over an area of 30" x 30".

   Note "a": In addition to the vertical live loads, horizontal swaying forces parallel and normal to the length of the seats shall also be considered by the Specialty Engineer, where appropriate. Design in accordance with ICC "Standard on Bleachers, Folding and Telescoping Seating and Grandstands".
4. LIVE LOAD REDUCTION: Live load reductions in accordance with IBC 1607.9 have been used with the following exceptions:
   A. Heavy live loads in excess of 100 PSF have not been reduced except for members supporting 2 or more floors have been reduced by a max. of 20%.
   B. Live loads for roof members have not been reduced.
5. IMPACT DESIGN: The live loads listed in the table above include allowance for impact. Impact has been considered in the design of the following elements:
   A. Members supporting elevator loads have been increased by 100% for impact.
6. PARTITION ALLOWANCE: A uniform partition allowance of 20 PSF has been used to account for the load of all floors where partition locations are subject to change, unless the specified live load exceeds 80 PSF.
7. COLLATERAL LOAD: Unless otherwise noted, a minimum uniform collateral load of 10 PSF has been used to account for ductwork, ceilings, sprinklers, lighting, etc. The collateral load is in addition to the weight of mechanical units, larger piping (greater than 4" diameter) and suspended fixtures or equipment that have been specifically accounted for in the design.
8. ROOF LIVE / SNOW LOADS: Gravity Live Loads used in the design of the roof structure meet or exceed the following table:

A. Snow Load		
	Ground Snow Load, p_g	20 PSF
	Flat Roof Snow Load, p_f	15.4 PSF
	Low-Slope Minimum Roof Snow Load, p_m	22 PSF
	Snow Exposure Factor, C_e	1.0
	Risk Category (IBC 2012, Table 1604.5)	III
	Snow Importance Factor, I_s	1.1
	Thermal Factor, C_t	1.0
B. Minimum Roof Live Load		20 PSF
C. Overhanging Eaves, Canopies & Projections		30 PSF

   1. Drift loads calculated in accordance with Section 7.7, ASCE 7. Specialty Engineers must consider snow drift loads in the design of pre-engineered trusses, frames, skylights, curtain walls, cold-formed metal framing, canopies, etc.
9. HANDRAILS AND GUARDS:

A. Handrail Assemblies and Guards		50 PLF applied in any direction 200 LB concentrated load applied in any direction (non-concurrent with 50 PLF load).
B. Components, Intermediate Rails, Balusters, Fillers, Etc.		50 LBS horizontally applied normal load on an area not to exceed 1 SF, not superimposed with those of handrail assemblies.

10. LATERAL LOADS: Lateral loads were computed using the following criteria:

A. Wind Load	
Ultimate Design Wind Speed, V_{ult}	120 MPH
Nominal Design Wind Speed, V_{asd}	93 MPH
Wind Exposure Category	C
Risk Category (IBC 2012, Table 1604.5)	III
Internal Pressure Coefficient, GC_{pi}	+/- 0.18
B. Seismic Load	
Site Class	C
Risk Category (IBC 2012, Table 1604.5)	III
Seismic Importance Factor, I_e	1.25
Mapped Spectral Response Acceleration Parameter, S_S	0.145g
Mapped Spectral Response Acceleration Parameter, S_1	0.061g
Design Spectral Response Acceleration Parameter, S_{DS}	0.116g
Design Spectral Response Acceleration Parameter, S_{D1}	0.092g
Seismic Design Category, SDC	B
Analysis Procedure	Equivalent Lateral Force
Seismic Force-Resisting System	Steel Systems not Specifically Detailed for Seismic Resistance
Response Modification Coefficient, R	3
Seismic Response Coefficient, C_s	0.0483
Design Base Shear, V	0.0483W
Seismic Force-Resisting System	Intermediate Reinforced Masonry Shear Walls (Building Frame Systems)
Response Modification Coefficient, R	4
Seismic Response Coefficient, C_s	0.0363
Design Base Shear, V	0.0363W

11. SAFETY FACTORS: This structure has been designed with 'Safety Factors' in accordance with accepted principles of structural engineering. The fundamental nature of the 'Safety Factor' is to compensate for uncertainties in the design, fabrication, and erection of structural building components. It is intended that 'Safety Factors' be used such that the load-carrying capacity of the structure does not fall below the design load and that the building will perform under design load without distress. While the use of 'Safety Factors' implies some excess capacity beyond design load, such excess capacity cannot be adequately predicted and SHALL NOT BE RELIED UPON.

LINTEL SCHEDULE

1. Where lintels are not specifically shown or noted on the Structural or Architectural Drawings, provide the following lintels over all openings and recesses in both interior and exterior non-load-bearing walls.

A)	Brick:	Masonry Opening	Angle Size
		Up to 5'-0"	L4x4x5/16
		5'-1" to 7'-0"	L6x4x5/16
		7'-1" to 12'-0"	L7x4x3/8

   All angles are LLV (long leg vertical) unless noted otherwise. Provide 1" bearing length per foot of span each end with minimum 8".

   B) Block: For openings up to 8'-0" long exposed in the finished room, use lintel block filled with grout. Grout all exposed joints and reinforce as follows:
   1. For 6" thick block: 1 - #5 bar.
   2. For 8" thick block: 2 - #5 bars.
   3. For 10" thick block: 2 - #6 bars.
   4. For 12" thick block: 2 - #6 bars.

   C) Block: For openings between 8'-1" & 12'-0" long exposed in the finished room, use lintel block filled with grout. Grout all exposed joints and reinforce per the "Long Masonry Lintel Detail" on the Typical Detail Drawings.

   D) Shore all block and steel angle lintels over 8'-0" in length until masonry has attained its specified design strength.

CAST IN PLACE CONCRETE

1. Details of fabrication of reinforcement, handling and placing of the concrete, construction of forms and placement of reinforcement not otherwise covered by the Plans and Specifications, shall comply with the ACI Code requirements of the latest revised date.
2. Cold weather concreting shall be in accordance with ACI 306. Cold weather is defined as a period when for more than 3 successive days the average daily air temperature drops below 40F and stays below 50F. The Contractor shall maintain a copy of this publication on site.
3. Hot weather concreting shall be in accordance with ACI 305. Hot weather is defined as any combination of the following conditions that tends to impair the quality of the freshly mixed or hardened concrete: high ambient temperature, high concrete temperature, low relative humidity, wind speed, or solar radiation. The Contractor shall maintain a copy of this publication on site.
4. A certified Testing Agency shall be retained to perform industry standard testing including measurement of slump, air temperature, concrete cylinder testing, etc. to ensure conformance with the Contract Documents. Submit reports to the Architect/Engineer.
5. FINISHING OF SLABS: After screeding, bull floating and floating operations have been completed, apply final finish as indicated below, and as described in the Division 3 Cast In Place Concrete Specification of the Project Manual.

A. Floor Slabs	Hard Trowel Finish, unless noted otherwise
B. Ramps, Stairs & Sidewalks	Broom Finish
C. Surfaces to Recieve Topping Slabs	None - Float Finish
D. Surfaces to recieve thick-set mortar beds or similar cementitious materials	None - Float Finish

   Sample Finishes: See the Specifications for sample and mockup requirements, if any. Coordinate floor finishes with the architectural Finish Plan.

   Floor Tolerances: See the Specifications for specified FF and Fl tolerances. Ff and Fl testing shall be performed by the Testing Agency in accordance with ASTM E1155. Results, including acceptance or rejection of the work will be provided to the Contractor and the Architect/Engineer within 48 hours after data collection. Remedies for out-of-tolerance work shall be in accordance with the Specifications. When approved by the SER, measurement of floors beneath a 10-foot straight edge may be used in lieu of Ff and Fl testing. Approval must be obtained in writing prior to the beginning of concrete operations.
6. FINISHING OF FORMED SURFACES: Finish formed surfaces as indicated below, and as described in the Division 3 Cast In Place Concrete Specification of the Project Manual.

A. Sides of Footings & Pile Caps	Rough Form Finish
B. Sides of Grade Beams	Rough Form Finish
C. Surfaces not exposed to public view	Rough Form Finish
D. Surfaces exposed to public view	Smooth Form Finish

7. The Contractor shall consult with the Engineer before starting concrete work to establish a satisfactory placing schedule and to determine the location of construction joints so as to minimize the effects of shrinkage in the floor system.
8. Sawn or tooled control/contraction joints shall be provided in all slabs on grade. For a framed structure, joints shall be located on all column lines. Provide intermediate joints spaced at a maximum of 36 times the nominal slab thickness. Exterior slabs, and interior slabs without columns, shall also have a maximum joint spacing of 36 times the nominal slab thickness. Lay out joints so that maximum aspect ratio (ratio of long side to short side) does not exceed 1.5.
9. Where vinyl composition tile, vinyl sheet goods, thin-set epoxy terrazzo, or other similar material is the specified finish floor material, the Contractor shall coordinate the locations of control/contraction and construction joints with the Finish Flooring Contractor. Submit a dimensioned plan showing joint locations and proposed sequence of floor pours.
10. Unless specifically noted on the Plans, do not provide sawn control joints in composite and non-composite supported slabs on metal deck or in supported cast-in-place concrete slabs.
11. Joints in slabs to receive a finish floor may remain unfilled, unless required by the Finish Flooring Contractor. All exposed slabs shall be filled with sealant specified in Division 7, or as follows: All slabs in industrial, manufacturing, or warehouse applications subject to wheeled traffic shall be filled with specified epoxy resin sealant, all other joints shall be filled with specified elastomeric sealant. Defer filling of joints as long as possible, preferably a minimum of 4 to 6 weeks after the slab has been cured. Prior to filling, remove all debris from the slab joints, the fill in accordance with the manufacturer's recommendations.
12. Refer to the Architectural Drawings for locations and details of reveals (1" maximum depth) in exposed walls.
13. Refer to the Architectural Drawings for chamfer requirements for corners of concrete. Where not indicated, provide 3/4" chamfers on exposed corners of concrete, except those abutting masonry.
14. Refer to the Architectural Drawings for exact locations and dimensions of recessed slabs, ramps, stairs, thickened slabs, etc. Slope slabs to drains where shown on the Architectural and Plumbing Drawings.
15. Sidewalks, stoops, aprons, drives, exterior retaining walls, and other site concrete are not indicated on the Structural Drawings. Refer to the Site/Civil and Architectural Drawings for locations, dimensions, elevations, jointing, and finishing details.

CONCRETE MIX CLASSES

FOOTINGS	
COMPRESSIVE STRENGTH	4000 PSI
MAXIMUM WATER/CEMENT RATIO	0.58
AIR CONTENT	0 - 3 PERCENT
WATER-REDUCING ADMIXTURE	OPTIONAL
SLUMP	4" +/- 1"
FOUNDATION WALLS, RETAINING WALLS, PIERS, GRADE BEAMS & TIE BEAMS	
COMPRESSIVE STRENGTH	4000 PSI
MAXIMUM WATER/CEMENT RATIO	0.50
AIR CONTENT	0 - 3 PERCENT
WATER-REDUCING ADMIXTURE	REQUIRED
SLUMP	4" +/- 1"
INTERIOR CONCRETE SLABS ON GRADE & SUSPENDED SLABS	
COMPRESSIVE STRENGTH	4000 PSI
MINIMUM CEMENTITIOUS MATERIAL CONTENT	517 LB/CU YD
AIR CONTENT	0 - 3 PERCENT
SLUMP	4" +/- 1"
WATER-REDUCING ADMIXTURE	REQUIRED
E5 INTERNAL CURE ADMIXTURE	REQUIRED
EXTERIOR CONCRETE SUBJECT TO FREEZE-THAW	
COMPRESSIVE STRENGTH	4000 PSI
MINIMUM CEMENTITIOUS MATERIAL CONTENT	564 LB/CU YD
AIR CONTENT	6 +/- 1 PERCENT
WATER-REDUCING ADMIXTURE	REQUIRED
SLUMP	5" +/- 1"
COARSE AGGREGATE	CRUSHED STONE
INCREASE COMPRESSIVE STRENGTH TO 4500 PSI FOR EXTERIOR REINFORCED CONCRETE SUBJECT TO THE USE OF DEICERS.	
LEAN CONCRETE FILL	
COMPRESSIVE STRENGTH	2000 PSI
MAXIMUM WATER/CEMENT RATIO	0.65
AIR CONTENT	OPTIONAL
WATER-REDUCING ADMIXTURE	OPTIONAL
SLUMP	4" +/- 1"
STAIR PAN FILL	
COMPRESSIVE STRENGTH	4000 PSI
MINIMUM CEMENTITIOUS MATERIAL CONTENT	564 LB/CU YD
AIR CONTENT	0 - 3 PERCENT
WATER-REDUCING ADMIXTURE	REQUIRED
SLUMP	4" +/- 1"
CLASS 'C' FLYASH	MIN. 10% / MAX 20%

1. SLUMP:

MIXES CONTAINING TYPE A WRDA	5" MAXIMUM
MIXES CONTAINING MID-RANGE WRDA	5 - 6½"
MIXES CONTAINING HIGH-RANGE WRDA	5 - 8"

2. SPECIFIED MINIMUM CEMENTITIOUS MATERIAL CONTENTS ARE BASED ON THE USE OF WATER REDUCING ADMIXTURES.
3. INCLUDE AN AIR-ENTRAINING ADMIXTURE FOR ALL CONCRETE EXPOSED TO FREEZING AND THAWING IN SERVICE AND FOR ALL CONCRETE EXPOSED TO COLD WEATHER DURING CONSTRUCTION. BEFORE ATTAINING ITS SPECIFIED DESIGN COMPRESSIVE STRENGTH. REF: ACI 306 FOR DEFINITION OF COLD WEATHER.
4. CLASS C FLY ASH MAY BE USED AS A CEMENT SUBSTITUTE WITH A MAXIMUM 20% SUBSTITUTION RATE ON A POUND-PER-POUND BASIS.
5. PROPORTION CONCRETE MIXES TO PROVIDE WORKABILITY AND CONSISTENCY TO PERMIT CONCRETE TO BE WORKED READILY INTO THE CORNERS AND ANGLES OF THE FORMS AND AROUND REINFORCEMENT BY THE METHODS OF PLACEMENT AND CONSOLIDATION TO BE EMPLOYED, WITHOUT SEGREGATION AND EXCESSIVE BLEEDING.
6. ADJUSTMENTS TO THE APPROVED MIX DESIGNS MAY BE REQUESTED BY THE CONTRACTOR WHEN JOB CONDITIONS, WEATHER, TEST RESULTS, OR OTHER CIRCUMSTANCES WARRANT. THESE REVISED MIX DESIGNS SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER FOR APPROVAL PRIOR TO USE.

CONCRETE REINFORCING

1. Reinforcement, other than cold drawn wire for spirals and welded wire fabric, shall have deformed surfaces in accordance with ASTM A305.
2. Reinforcing steel shall conform to ASTM A615, Grade 60, unless noted.
3. Welded wire fabric shall conform to ASTM A1064, unless noted.
4. Where hooks are indicated, provide standard hooks per ACI and CRSI for all bars unless other hook dimensions are shown on the plans or details.
5. Reinforcement in footings, walls and beams shall be continuous. Lap bars a minimum of 36 diameters, unless noted otherwise.
6. Reinforcement shall be supported and secured against displacement in accordance with the Concrete Reinforcing Steel Institute's "Manual of Standard Practice."
7. Details of reinforcing steel fabrication and placement shall conform to ACI 315 'Details and Detailing of Concrete Reinforcement' and ACI 315R 'Manual of Engineering and Placing Drawings for Reinforced Concrete Structures', unless otherwise indicated.
8. Spread reinforcing steel around small openings and sleeves in slabs and walls, where possible, and where bar spacing will not exceed 1.5 times the normal spacing. Discontinue bars at all large openings where necessary, and provide an area or reinforcement, equal to the interrupted reinforcement, in full length bars, distributing one-half each side of the opening. Where shrinkage and temperature reinforcement is interrupted, add (2) #5 x opening dimension +4'-0" on each side of the opening. Provide #5 x 4'-0" diagonal bars in both faces, at each corner of openings larger than 12" in any direction.
9. Provide standees for the support of top reinforcement for footings, pile caps, and mat foundations.
10. Provide individual high chairs, with support bars, as required for the support of top reinforcement for supported slabs. Do NOT provide standees.
11. Provide snap-on plastic space wheels to maintain required concrete cover for vertical wall reinforcement.
12. Where walls sit on column footings, provide dowels for the wall. Dowels shall be the same size and spacing as the vertical wall reinforcement, unless noted otherwise, with lab splices as shown on the application sections. Install dowels in the footing forms before concrete is placed. Do NOT stick dowels into footings after concrete is placed.
13. Field bending of reinforcing steel is prohibited, unless noted on the drawings.
14. Minimum concrete cover over reinforcing steel shall be as follows, unless noted otherwise on plan, section or note:

MINIMUM COVER FOR REINFORCEMENT

	MINIMUM COVER
SLABS AND JOISTS	
TOP & BOTTOM BARS FOR DRY CONDITIONS:	
#11 BARS & SMALLER	3/4"
#14 & #18 BARS	1 1/2"
FORMED CONCRETE SURFACES EXPOSED TO EARTH, WATER, OR WEATHER, AND OVER OR IN CONTACT WITH SEWAGE AND FOR BOTTOMS BEARING ON WORK MAT, OR SLABS SUPPORTING EARTH COVER:	
#5 BARS & SMALLER	1 1/2"
#6 THROUGH #18 BARS	2"
BEAMS & COLUMNS, FORMED	
FOR DRY CONDITIONS:	
STIRRUPS, SPIRALS & TIES	1 1/2"
PRINCIPAL REINFORCEMENT	2"
EXPOSED TO EARTH, WATER, SEWAGE, OR WEATHER:	
STIRRUPS & TIES	2"
PRINCIPAL REINFORCEMENT	2 1/2"
WALLS	
FOR DRY CONDITIONS:	
#11 BARS & SMALLER	3/4"
#14 & #18 BARS	1 1/2"
FORMED CONCRETE SURFACES EXPOSED TO EARTH, WATER, SEWAGE, WEATHER, OR IN CONTACT WITH GROUND	2"
FOOTINGS & BASE SLABS	
AT FORMED SURFACES & BOTTOMS BEARING ON CONCRETE WORK MAT	2"
AT UNFORMED SURFACES & BOTTOMS IN CONTACT WITH EARTH	3"
TOP OF FOOTINGS	SAME AS SLABS
OVER TOP OF PILES	2"

STRUCTURAL STEEL NOTES

1. Structural steel construction shall conform to the American Institute of Steel Construction "Specification for Structural Steel Buildings".
2. All structural wide flange members and channels shall be ASTM A992, Fy = 50 ksi.
3. All plates, bars, angles, and rods shall be ASTM A572, Grade 50 unless noted.
4. All rectangular and square structural tube members shall be ASTM A500, Grade C, Fy = 50 ksi unless noted.
5. All round structural tube members shall be ASTM A500, Grade C, Fy = 46 ksi unless noted.
6. Details for design, fabrication and erection of all structural steel shall be in accordance with the latest AISC Standards, unless otherwise noted or specified.
7. Provide temporary erection guying and bracing as required.
8. Unless otherwise shown or noted on the Drawings, provide 8" minimum bearing each end for all loose lintels and beams.
9. For loose lintels, masonry shelf angles and other such items generally not shown on the Structural Drawings, refer to the Architectural Drawings. See general notes on lintels this sheet for sizes, reinforcing, etc.
10. Steel columns below grade shall be encased in a minimum of 4" concrete or painted with 2 coats of asphaltum paint, unless otherwise shown.
11. Fabricate simple span beams not specifically noted to receive camber so that after erection, any minor camber due to rolling or shop assembly be upward.
12. Refer to the Division 5 Structural Steel Specification of the Project Manual for structural steel surface preparations and prime painting requirements.
13. The Erector shall shim between parallel roof beams and joists with differential mill and induced cambers for level deck bearing.
14. Provide cap plates/end plates to close off exposed open ends of all tubular members, unless noted. Seal weld with partial penetration square groove welds for watertight condition.

STEEL JOIST NOTES

1. All steel joists shall be designed, fabricated and erected in accordance with the SJI Standard Specifications.
2. Joist bridging (if shown) is schematically indicated. Provide all bridging necessary to conform to SJI Specifications.
3. The ends of all bridging lines terminating at walls or beams shall be anchored to the wall or beam.
4. Joist bridging and connections shall be completely installed prior to placing any construction loads on the joists. Construction loading shall not exceed the joist design load.
5. All roof joists shall be capable of resisting the net uplift as noted on the Structural Drawings (min. 15 psf net). Provide an additional row of continuous horizontal bottom chord bridging at the first panel point location at each end of all roof joists.
6. Special joists (SP) shall be designed for the load designations specified on the Structural Drawings. Designs shall properly account for the distribution of concentrated loads, live loads and for the effect of openings. Designs are to meet the requirements of SJI.
7. Joists shall meet the following deflection criteria per SJI. Maximum live load deflection shall not exceed:
   A) Roofs: L/360
   B) Floors: L/360
8. The Joist Manufacturer shall submit calculations for all special joists to the SER for record purposes, prior to fabrication. These calculations shall bear the seal and signature of a Professional Engineer registered in the State of Indiana.
9. Joists on column centerlines shall have extended bottom chord connections for erection stability, unless otherwise noted. Do not connect bottom chord extensions, unless otherwise noted or shown.
10. Joists on or near column centerlines shall have field-bolted connections for erection stability, unless otherwise noted.
11. The Joist Manufacturer shall coordinate with the Structural Steel Fabricator for the design of all connections to supporting columns, beams, bearing seats, etc. prior to submittal of shop drawings.
12. All steel joists shall be furnished with standard SJI camber, unless noted otherwise.
13. All items suspended from joists such as catwalks, basketball goals, operable partitions, etc. should be installed after all dead loads of roofing, flooring, ceilings, etc. are installed.
14. All joists shall be shop primed in accordance with SJI requirements, unless noted otherwise. Color to match structural steel primer, unless approved in writing by the SER.
15. Provide sloped bearing ends where joist slope exceeds 1/4" per foot.
16. Do not field cut or alter joists without the written approval of the Joist Manufacturer.

STEEL STAIRS

1. Refer to the Design Criteria notes for live load and handrail requirements.
2. All stair designs shall be provided by the Stair Manufacturer/Fabricator's SSE and shall be stamped by a Professional Engineer registered in the State of Indiana. Stair designs shall be in accordance with all applicable code provisions of the IBC.
3. The Stair Manufacturer/Fabricator's SSE shall provide the SER with drawings showing location, direction and magnitudes of all stair load reactions on the building structure for approval, prior to fabrication.
4. The Stair Manufacturer/Fabricator shall coordinate the transition between the supported structural floor slab and the stair structure with the Structural Steel Fabricator, prior to fabrication.
5. Refer to the Architectural Drawings for stair width, rise, run, tread and riser geometry, handrail and guardrail design, shaft wall construction, etc.

STEEL CONNECTION NOTES

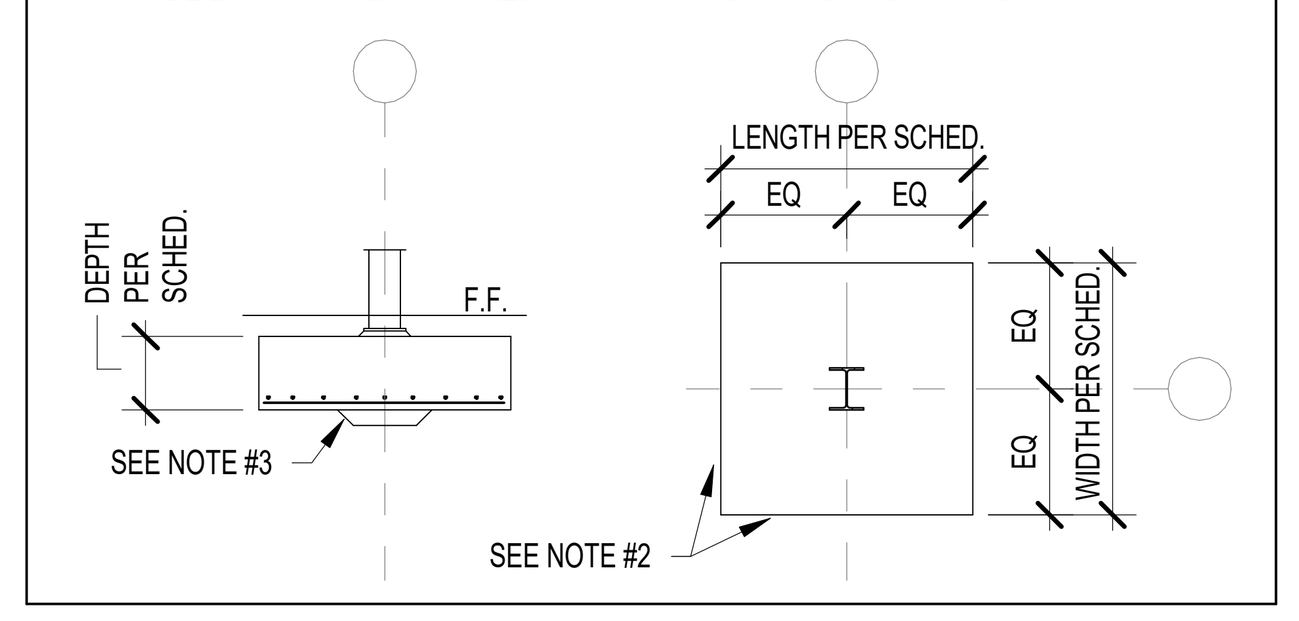
1. Typical beam-to-beam and beam-to-column connections shall be bearing type using A325 bolts, unless noted otherwise.
2. Shop connections, unless otherwise shown, may be either bolted or welded. All field connections shall be bolted unless otherwise shown on the Structural Drawings.
3. Connections shall be designed by the Steel Fabricator to support the reactions shown on the framing plan(s). Simple span connections without reactions listed on the Structural Drawings shall be designed by the Steel Fabricator's SSE in accordance with Table 3-6 of the AISC "Manual of Steel Construction, 14th Edition". For composite beams where reactions are not indicated, design connections for 70% of the Maximum Total Uniform Load ASD value for the applicable beam size and span given in Table 3-6. For non-composite beams, design connections for 50% of the tabulated ASD value. The minimum shear connection design load shall be 15 kips.
4. Submit calculations for connections not detailed on the Structural Drawings and not covered by the AISC Tables, including but not limited to:
   A. Moment Connections.
   B. Bracing Connections including Collectors and Drag Struts
   C. Skewed Shear Connections.
   D. Girder and Truss Splices.
   E. Truss-to-Column and Truss-to-Truss Connections.
   F. Truss Web-to-Chord and Web-to-Gusset Connections.
5. All beam-to-beam connections shall be double angle, unless shown or noted otherwise.
6. All beam-to-column connections shall be at the column centerline, unless shown or noted otherwise. Shear tab connections to tube columns are permitted unless otherwise noted or detailed.
7. Typical bearing-type beam-to-beam, and beam-to-column field-bolted connections may be tightened to the snug-tight condition, unless otherwise shown or noted.
8. Bolted connections in moment frames, bracing connections, hangers and stub columns, crane connections, and those designated PT (pretensioned) on the Drawings shall be pretensioned joints utilizing tension-control (TC) bolts or direct tension indicators. Holes for bolts in pretensioned joints shall be 1/16" larger than the bolt diameter. All pretensioned joints must be inspected by the Testing Agency.
9. Connect bracing members for two components of stress unless otherwise approved by the SER. Provide a minimum 2-bolt or welded field connection.
10. Locate centerlines of all vertical bracing members on column centerlines in vertical plane and on column and beam centerlines in horizontal plane, unless otherwise shown on the Structural Drawings.
11. All welding shall be in conformance with AWS D1.1, using E70XX electrodes, unless shown or noted otherwise. Welding, both shop and field, shall be performed by welders certified for the weld types and positions involved according to the current edition of AWS D1.1. Perform all AESS welds with

COLUMN FOOTING SCHEDULE

FOOTING MARK	FOOTING SIZE WIDTH	x LENGTH	x DEPTH	REINFORCING (EACH WAY, U.N.O.)
F4.0	4'-0"	4'-0"	1'-2"	(4) #5 x 3'-6"
F4.0T	4'-0"	4'-0"	1'-4"	(4) #5 x 3'-6" T&B
F5.0	5'-0"	5'-0"	1'-2"	(5) #5 x 4'-6"
F5.0T	5'-0"	5'-0"	2'-0"	(5) #5 x 4'-6" T&B
F6.0	6'-0"	6'-0"	1'-2"	(7) #5 x 5'-6"
F6.0T	6'-0"	6'-0"	2'-0"	(7) #5 x 5'-6" T&B
F7.0	7'-0"	7'-0"	1'-4"	(6) #6 x 6'-6"
F7.0T	7'-0"	7'-0"	2'-0"	(6) #6 x 6'-6" T&B
F8.0	8'-0"	8'-0"	1'-6"	(8) #6 x 7'-6"
F8.0T	8'-0"	8'-0"	2'-0"	(8) #6 x 7'-6" T&B
F9.0	9'-0"	9'-0"	1'-8"	(8) #7 x 8'-6"
F9.0T	9'-0"	9'-0"	2'-0"	(8) #7 x 8'-6" T&B
F10.0	10'-0"	10'-0"	1'-10"	(9) #7 x 9'-6"
F10.0T	10'-0"	10'-0"	2'-0"	(9) #7 x 9'-6" T&B
F11.0	11'-0"	11'-0"	2'-0"	(11) #7 x 10'-6"
F11.0T	11'-0"	11'-0"	2'-0"	(11) #7 x 10'-6" T&B
F12.0	12'-0"	12'-0"	2'-2"	(10) #8 x 11'-6"
F12.0T	12'-0"	12'-0"	2'-2"	(10) #8 x 11'-6" T&B

NOTES:

1. CENTER FOOTINGS BENEATH COLUMNS, U.N.O.
2. ALL FOOTINGS MUST BE BOARD-FORMED, UNLESS APPROVED.
3. INCREASE FOOTING DEPTH WHERE REQ'D TO ENCASE COLUMN ANCHOR RODS.
4. PROVIDE BOTH TOP & BOTTOM REINF. AT FOOTINGS WITH SUFFIX 'T' OR 'SP'.



WALL FOOTING SCHEDULE

FTG. MARK	FOOTING SIZE WIDTH	DEPTH	FOOTING REINFORCING LONGITUDINAL	TRANSVERSE
WF24	2'-0"	1'-0"	(2) #5 x CONTINUOUS	#4 x 1'-6" @ 96" O.C.
WF30	2'-6"	1'-2"	(3) #5 x CONTINUOUS	#4 x 2'-0" @ 96" O.C.
WF36	3'-0"	1'-2"	(3) #5 x CONTINUOUS	#4 x 2'-6" @ 96" O.C.
WF42	3'-6"	1'-2"	(4) #5 x CONTINUOUS	#5 x 3'-0" @ 12" O.C.
WF48	4'-0"	1'-2"	(4) #5 x CONTINUOUS	#5 x 3'-6" @ 12" O.C.
WF54	4'-6"	1'-2"	(5) #5 x CONTINUOUS	#5 x 4'-0" @ 12" O.C.
WF60	5'-0"	1'-2"	(5) #5 x CONTINUOUS	#5 x 4'-6" @ 12" O.C.

NOTES:

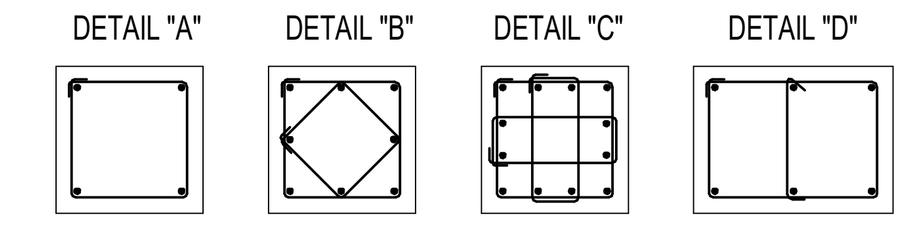
1. CENTER FOOTINGS BENEATH WALLS, U.N.O.
2. REF. S401 FOR TYP. WALL FOOTING CONSTRUCTION JOINT DETAIL.
3. LAP FOOTING REINF. A MIN. OF 30 BAR DIAMETERS.
4. PROVIDE BOTH TOP & BOTTOM REINF. AT FOOTINGS DENOTED WITH SUFFIX 'T' ON PLAN.

CONCRETE PIER SCHEDULE

PIER MARK	PIER SIZE L.	W.	PIER REINFORCING VERTICALS	TIES - SIZE & SPACING	DETAIL	CRITICAL HEIGHT
P20	1'-8"	1'-8"	(6) #6	#4 @ 10" OC (REF. NOTE #3)	D	≤ 2'-8"
			(4) #7	#4 @ 10" OC (REF. NOTE #3)	A	> 2'-8"
P24	2'-0"	2'-0"	(8) #6	#4 @ 12" OC (REF. NOTE #3)	B	≤ 2'-8"
			(4) #8	#4 @ 12" OC (REF. NOTE #3)	A	> 2'-8"
P28	2'-4"	2'-4"	(8) #7	#4 @ 12" OC (REF. NOTE #3)	B	≤ 3'-0"
			(4) #9	#4 @ 12" OC (REF. NOTE #3)	A	> 3'-0"

1. PROVIDE MIN. 1½" CLEAR TO PIER TIES.
2. "CRITICAL HEIGHT" DENOTES HEIGHT ABOVE WHICH LARGER DIAMETER VERTICALS WITH FEWER TIES MAY BE USED. REFER TO FOUNDATION PLAN(S) FOR T/P & T/F ELEVATIONS.
3. TYPICAL TIE SPACING, UNLESS NOTED OTHERWISE: REF. DETAIL **20/S401** FOR ADDITIONAL TIE SPACING REQUIREMENTS AT TOP & BOTTOM OF PIER. REQUIREMENTS VARY WITH TIE BAR SIZE AND COLUMN ANCHOR ROD DIAMETER.
4. DOWELS TO FUNCTION AS PIER VERTICALS FOR PIERS LESS THAN OR EQ. TO 5'-0" H. PROVIDE SEPARATE DOWELS & VERTICALS FOR PIERS GREATER THAN OR EQUAL TO 5'-0" H, UNLESS APPROVED.
5. CONTACT ENGINEER FOR DIRECTION IF COLUMN ANCHOR RODS FOUL WITH PIER TIES OR VERTICALS.
6. WHERE PIERS ARE INTEGRAL WITH CAST-IN-PLACE CONCRETE WALLS, CONTINUE HORIZONTAL WALL REINFORCING THROUGH PIERS.
7. PROVIDE STANDARD 90° HOOK AT TOP OF PIER VERTICALS AT ALL PIERS SUPPORTED BY A FOOTING WITH TOP REINFORCING.

DETAIL "A" DETAIL "B" DETAIL "C" DETAIL "D"



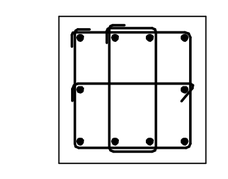
(1) SET (2) SETS (3) SETS (2) SETS

CONCRETE TIE BEAM SCHEDULE

TIE BEAM MARK	TIE BEAM SIZE WIDTH	DEPTH	TIE BEAM REINFORCING LONGITUDINAL	TIES/STIRRUPS	DETAIL
TB24x24	2'-0"	2'-0"	(10) #7	#4 @ 16" OC	A

1. PROVIDE MIN. 1½" CLEAR TO TIES.
2. FIRST (3) TIES TO BE SPACED AT 8" OC.
3. EXTEND LONGITUDINAL REINF. PAST COLUMN ANCHOR RODS TO FAR SIDE OF FOOTING OR PIER & PROVIDE STANDARD 90° HOOK.
4. TIE BEAMS MUST BE BOARD-FORMED, UNLESS APPROVED.

DETAIL "A"



(3) SETS

ABBREVIATION LEGEND

ABBR	DEFINITION
AB	ANCHOR BOLT
ABV	ABOVE
ACI	AMERICAN CONCRETE INSTITUTE
ACIP	AUGERED CAST IN PLACE PILE
ADDL	ADDITIONAL
ADDM	ADDENDUM
ADJ	ADJUSTABLE
AESS	ARCHITECTURALLY EXPOSED STRUCT. STL.
AFF	ABOVE FINISHED FLOOR
AGG	AGGREGATE
AISC	AMERICAN INSTITUTE OF STEEL CONSTR'N.
AISI	AMERICAN IRON & STEEL INSTITUTE
ALT	ALTERNATE
ANCH	ANCHORAGE
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
APA	AMERICAN PLYWOOD ASSOCIATION
APPROX	APPROXIMATE
ARCH	ARCHITECT(URAL)
ASSY	ASSEMBLY
ASTM	AMERICAN SOCIETY FOR TESTING & MATLS.
AVG	AVERAGE
AWS	AMERICAN WELDING SOCIETY
B/'X'	BOTTOM OF REFERENCED ITEM
BB	BOND BEAM
BFF	BELOW FINISHED FLOOR
BLDG	BUILDING
BLKG	BLOCKING
BLW	BELOW
BM	BEAM
BOT	BOTTOM
BP	BASE PLATE
BRDG	BRIDGING
BRG	BEARING
BS	BOTH SIDES
BTWN	BETWEEN
C/C	CENTER TO CENTER
CAIS	CAISSON
CAPY	CAPACITY
CANT	CANTILEVER
CB	CONCRETE BEAM
CC	CONCRETE COLUMN
CFS	COLD-FORMED STEEL
CIP	CAST IN PLACE
CJ	CONTROL JOINT
CNJ	CONSTRUCTION JOINT
CL	CENTERLINE
CLR	CLEAR(ANCE)
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
COLL	COLLATERAL
CONC	CONCRETE
CONSTR	CONSTRUCTION
CONT	CONTINUOUS
CRSI	CONCRETE REINFORCING STEEL INSTITUTE
CTR	CENTER
CTRD	CENTERED
CW	CONCRETE WALL
D	DEEP (DEPTH)
DBA	DEFORMED BAR ANCHOR
DEG	DEGREE
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DL	DEAD LOAD
DN	DOWN
DP	DRILLED PIER
DT	DOUBLE TEE
DTL	DETAIL
DWG	DRAWING
DWL	DOWEL
EA	EACH
ECC	ECCENTRIC
EF	EACH FACE
EIFS	EXTERIOR INSULATION & FINISH SYSTEM
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
ENG	ENGINEER
EQ	EQUAL
EQ SPA	EQUALLY SPACED (EQUAL SPACING)
EQUIV	EQUIVALENT
ES	EACH SIDE
EW	EACH WAY
EX	EXISTING
EXC	EXCAVATE (EXCAVATION)
EXT	EXTERIOR
FABR	FABRICATE (FABRICATOR)
FD	FLOOR DRAIN
FDN	FOUNDATION
FIN	FINISH
FF	FINISHED FLOOR
FLG	FLANGE
FS	FAR SIDE
FT	FOOT (FEET)
FTG	FOOTING
FV	FIELD VERIFY

ABBR	DEFINITION
GA	GAGE (GAUGE)
GALV	GALVANIZED
GB	GRADE BEAM
GC	GENERAL CONTRACTOR
GLULAM	GLUE LAMINATED WOOD
GRAN	GRANULAR
GWB	GYPSUM WALL BOARD
H	HIGH (HEIGHT)
HAS	HEADED ANCHOR STUD
HC	HOLLOW CORE
HD	HOLD DOWN
HK	HOOK
HORIZ	HORIZONTAL
HP	HIGH POINT
IBC	INTERNATIONAL (INDIANA) BUILDING CODE
ID	INSIDE DIAMETER
IF	INSIDE FACE
INCR	INCREASE
INFO	INFORMATION
INDOT	INDIANA DEPARTMENT OF TRANSPORTATION
INSUL	INSULATE (INSULATION)
INT	INTERIOR
INV	INVERT
ISO	ISOLATION
IT	INVERTED TEE BEAM
JBE	JOIST BEARING ELEVATION
JST	JOIST
JT	JOINT
KIP	1,000 POUNDS
KO	KNOCK OUT
KSF	KIPS PER SQUARE FOOT
KSI	KIPS PER SQUARE INCH
L	LONG (LENGTH)
Ld	TENSION DEVELOPMENT LENGTH
LB	'L' BEAM
LBS	POUNDS
LGSF	LIGHT GAUGE STEEL FRAMING
LL	LIVE LOAD
LLH	LONG-LEG HORIZONTAL
LLO	LONG-LEG OUTSTANDING
LLV	LONG-LEG VERTICAL
LNTL	LINTEL
LONG	LONGITUDINAL
LP	LOW POINT
LVL	LAMINATED VENEER LUMBER
LW	LONG WAY
LWC	LIGHTWEIGHT CONCRETE
MATL	MATERIAL
MAX	MAXIMUM
MC	MOMENT CONNECTION
MECH	MECHANICAL
MEZZ	MEZZANINE
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MOM	MOMENT
MTL	METAL
NDS	NATIONAL DESIGN SPEC'N. FOR WOOD
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NRC	NOISE REDUCTION COEFFICIENT
NS	NEAR SIDE
NTS	NOT TO SCALE
NWC	NORMAL WEIGHT CONCRETE
O/O	OUT TO OUT
OA	OVERALL
OC	ON CENTER
OD	OUTSIDE DIAMETER
OF	OUTSIDE FACE
OH	OPPOSITE HAND
OPNG	OPENING
OPP	OPPOSITE
OSB	ORIENTED STRAND BOARD

ABBR	DEFINITION
PAF	POWDER-ACTUATED FASTENER
PARTN	PARTITION
PC	PRECAST CONCRETE
PCF	POUNDS PER CUBIC FOOT
PCI	PRECAST CONCRETE INSTITUTE
PDF	POWER-DRIVEN FASTENER
PERIM	PERIMETER
PL	PLATE
PLBG	PLUMBING
PLF	POUNDS PER LINEAL FOOT
PLYWD	PLYWOOD
PNL	PANEL
PREFAB	PREFABRICATED
PROJ	PROJECTION
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSL	PARALLEL STRAND LUMBER
PPT	PRESSURE PRESERVATIVE TREATED
PSC	PRESTRESSED CONCRETE
PT	POST TENSIONED
PTD	PAINTED
PRTN	PARTITION
PVMT	PAVEMENT
QTR	QUARTER
QTY	QUANTITY
R	RADIUS
RB	RECTANGULAR BEAM (PRECAST)
REF	REFER TO (REFERENCE)
REQD	REQUIRED
REV	REVISION (REVISED)
RF	ROOF
RO	ROUGH OPENING
RTU	ROOF TOP UNIT
RTN	RETURN
RW	RETAINING WALL
SBCA	STRUCTURAL BUILDING COMPONENTS ASSN.
SCT	STRUCTURAL CLAY TILE
SCHED	SCHEDULE
SDI	STEEL DECK INSTITUTE
SE	SLAB EDGE
SER	STRUCTURAL ENGINEER OF RECORD
SECT	SECTION
SHT	SHEET
SIM	SIMILAR
SJI	STEEL JOIST INSTITUTE
SL	SLOPE
SOG	SLAB ON GRADE
SPA	SPACE (S)(D)(ING)
SPECS	SPECIFICATIONS
SQ	SQUARE
SS	STAINLESS STEEL
SSE	SPECIALTY STRUCTURAL ENGINEER
STD	STANDARD
STIFF	STIFFENER
STL	STEEL
STR	STRENGTH
STRUCT	STRUCTURAL
SW	SHORT WAY
SW	SHEAR WALL (OCCASIONAL)
SYMM	SYMMETRICAL
T/'X'	TOP OF REFERENCED ITEM
T&B	TOP AND BOTTOM
T&G	TONGUE & GROOVE
TB	TIE BEAM
TD	TRENCH DRAIN
TEMP	TEMPERATURE
TF	TRENCH FOOTING
THK	THICK(NESS)
TOPG	TOPPING
TPI	TRUSS PLATE INSTITUTE
TRANSV	TRANSVERSE
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
UNEXC	UNEXCAVATED
VERT	VERTICAL
W	WIDE (WIDTH)
W/	WITH
WD	WOOD
WF	WALL FOOTING
WP	WORKING POINT
WPS	WELD PROCEDURE SPECIFICATION
WRDA	WATER REDUCING ADMIXTURE
WTCA	WOOD TRUSS COUNCIL OF AMERICA
WWF	WELDED WIRE FABRIC

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WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
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REVISIONS:

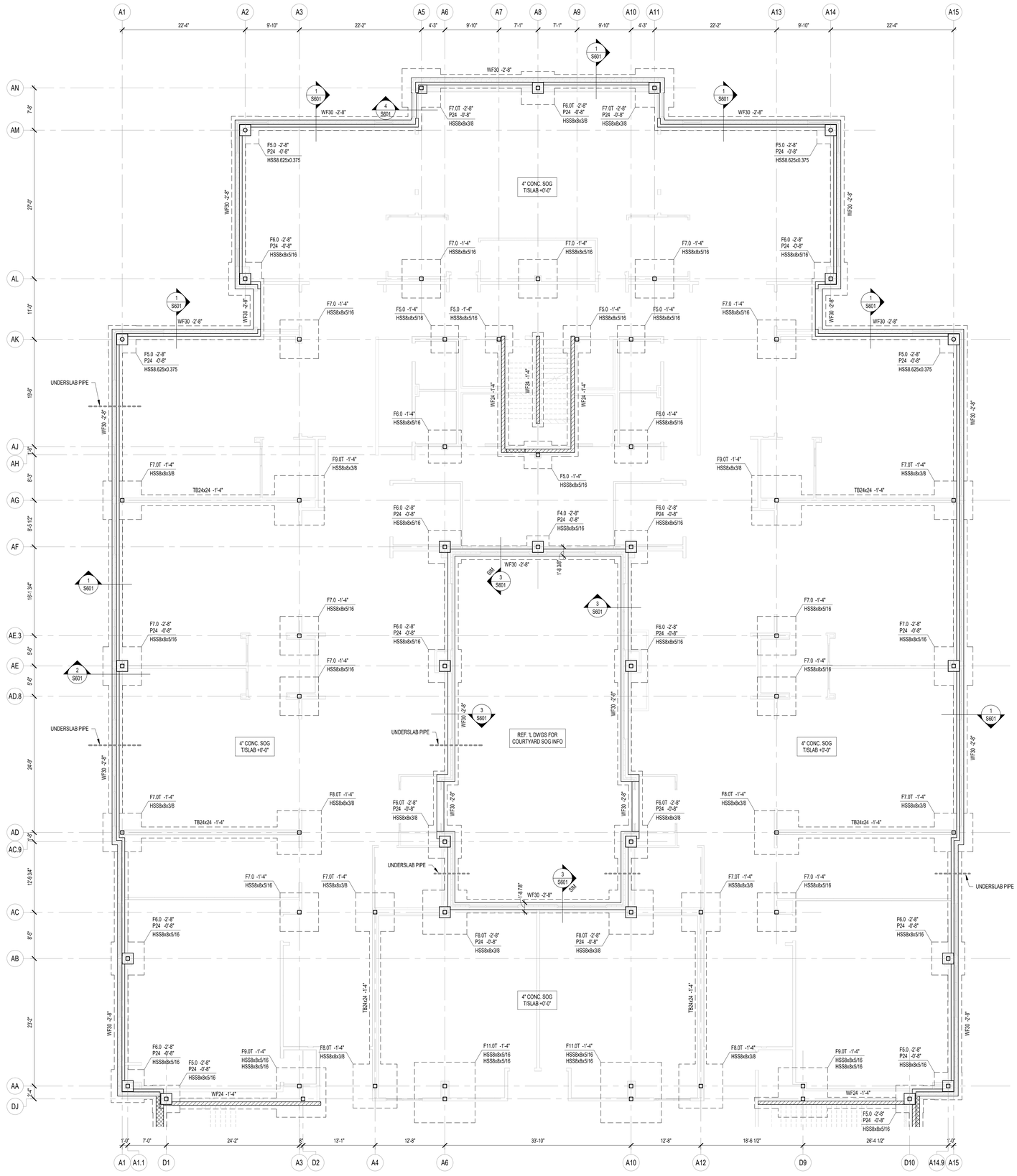
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRV	MDL

DRAWING TITLE:
GENERAL STRUCTURAL NOTES & SCHEDULES

CERTIFIED BY:
MARK D. LaVIER REGISTERED PE19400114 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWING NUMBER
S002

PROJECT NUMBER
2023061



1 S201A FOUNDATION PLAN - UNIT A
SCALE: 1/8" = 1'-0"

NORTH

FOUNDATION PLAN NOTES

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8. NOTE: PERIMETER FOOTINGS SHALL BE LOWERED AND/OR SLEEVED TO PASS BELOW PLUMBING LINES (E.G., SANITARY & STORM LINES, WATER LINES, ETC.) SHOWN ON THE PLUMBING DRAWINGS. PROVIDE FOOTING STEPS AS REQUIRED PER THE TYPICAL DETAILS ON S401.
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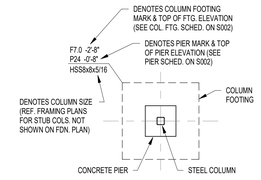

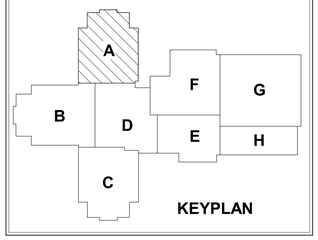

KEYPLAN

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
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SCOPE DRAWINGS:
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REVISIONS:

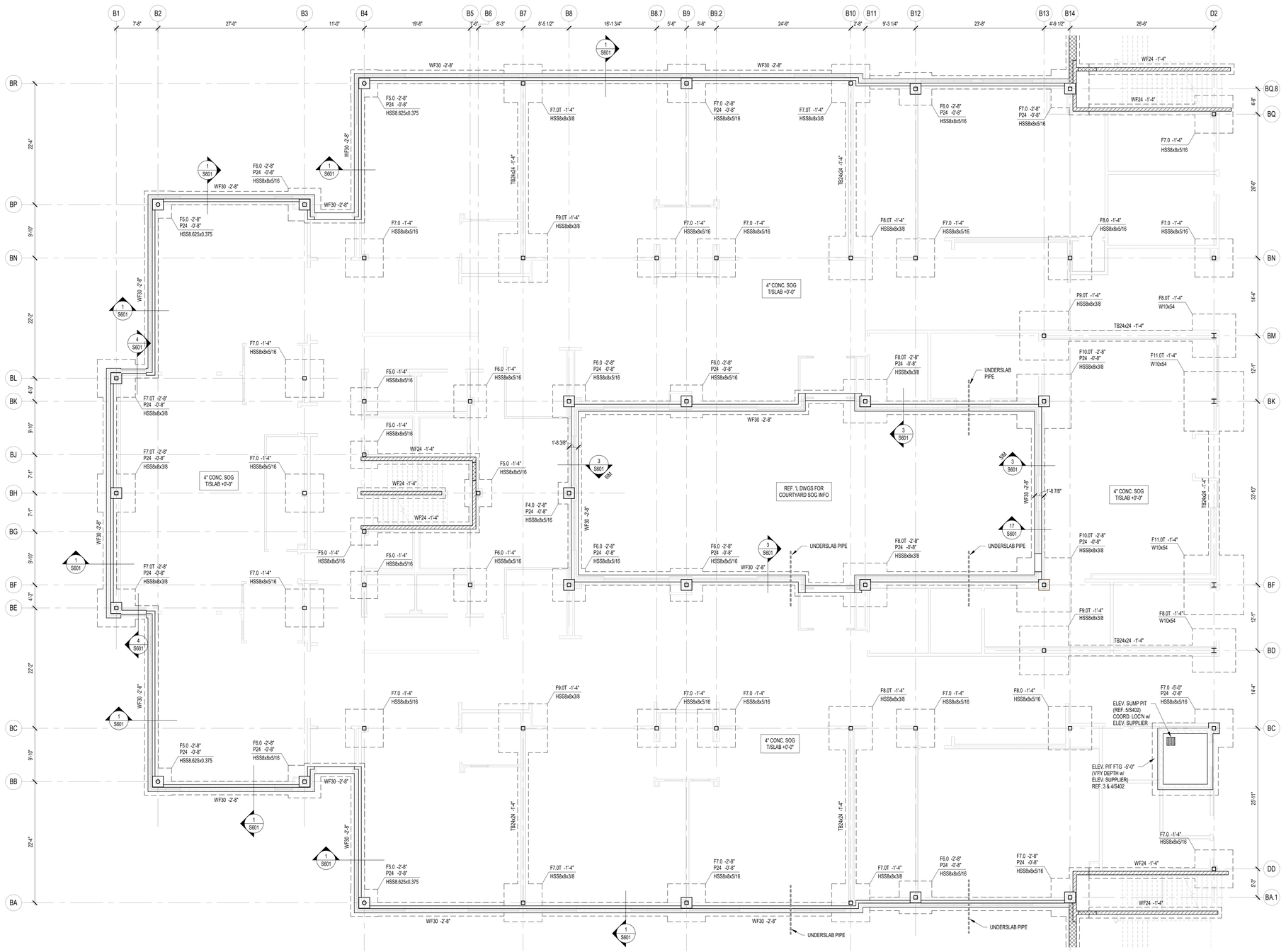
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRV/JRO	MDL

DRAWING TITLE:
FOUNDATION PLAN - UNIT A

CERTIFIED BY:
MARK D. LAUTER
REGISTERED
PE19400114
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
S201A

PROJECT NUMBER
2023061



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NORTH

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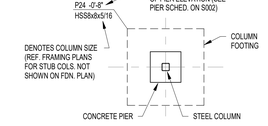

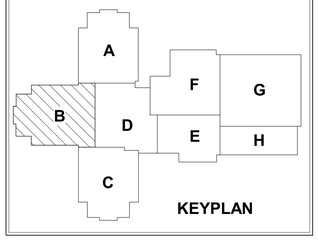

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07/26/2024	JRV/JRO	MDL

DRAWING TITLE:
FOUNDATION PLAN - UNIT B

CERTIFIED BY:
MARK D. LAVIER
REGISTERED
PE19400114
STATE OF
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PROFESSIONAL ENGINEER

DRAWING NUMBER
S201B

PROJECT NUMBER
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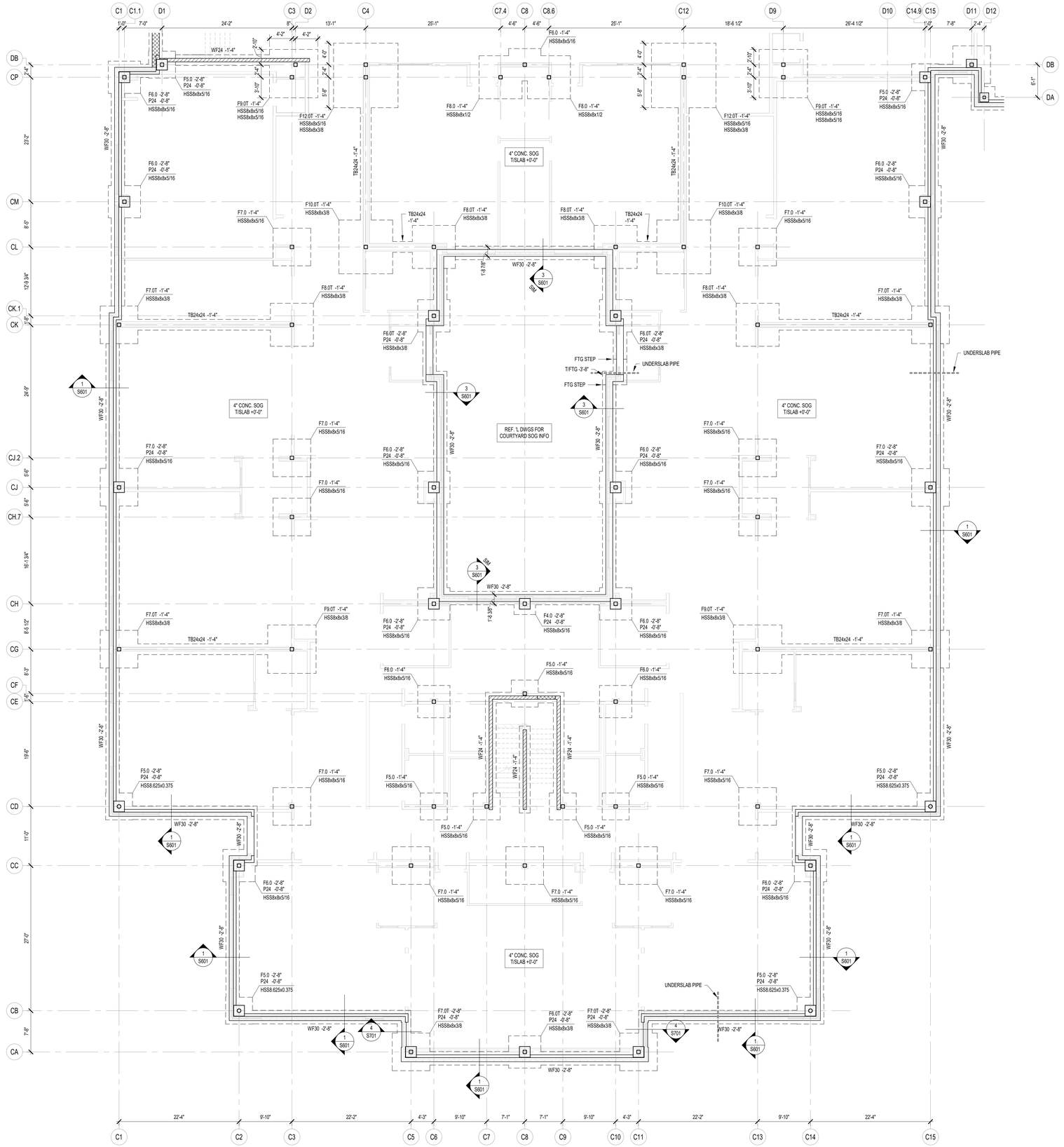

1 S201C FOUNDATION PLAN - UNIT C
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NORTH

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8" CMU:	#5 @ 32" OC
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	DENOTES CMU FOUNDATION WALL
	DENOTES CMU FDN. WALL HELD DOWN AT OPENINGS
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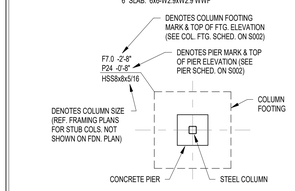

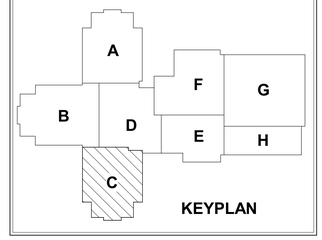

KEYPLAN

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8831 Keystone Crossing, Indianapolis, IN 46240
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Lynch, Harrison & Brumleve, Inc.
P 317.423.1550
F 317.423.1551
550 Virginia Avenue
Indianapolis, IN 46203

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work necessary for the performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

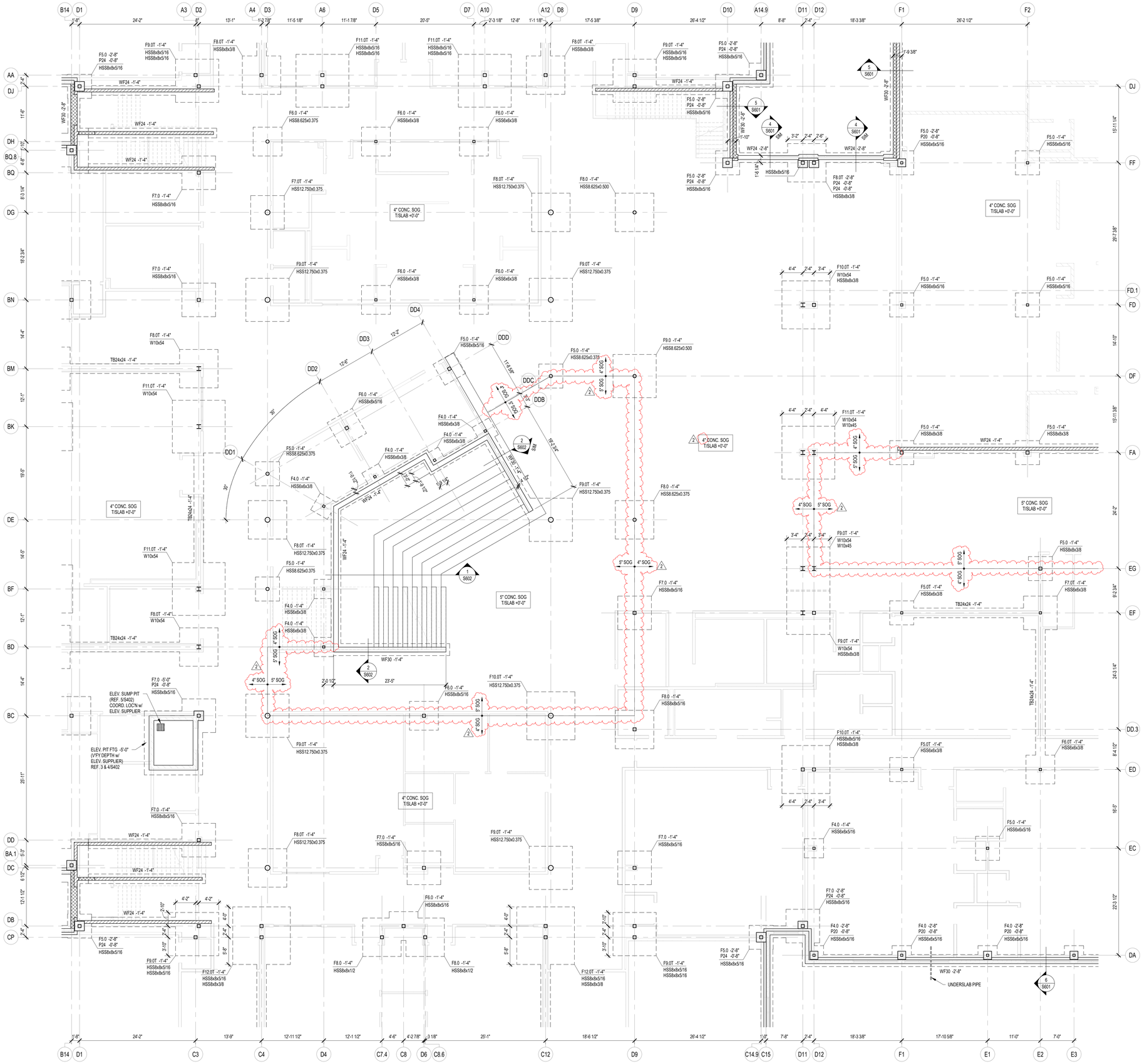
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRV/JRO	MDL

DRAWING TITLE:
FOUNDATION PLAN - UNIT C

CERTIFIED BY:
MARK D. LAVELLE REGISTERED PE19400114 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWING NUMBER
S201C

PROJECT NUMBER
2023061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1'-8" 24'-2" 3" 13'-1" 1'-3 7/8" 11'-5 1/8" 11'-1 7/8" 20'-5" 2'-3 1/8" 12'-8" 1'-1 1/8" 17'-5 3/8" 26'-4 1/2" 8'-8" 2'-4" 18'-3 3/8" 26'-2 1/2"
AA DJ DH BQ.8 BQ DG BN BM BK DE BF BD BC DD BA.1 DC DB CP
DJ FF FD.1 FD DF FA EG EF DD.3 ED EC DA
4" CONC. SOG T/SLAB +0'-0"
5" CONC. SOG T/SLAB +0'-0"
F9.0T -1'-4" HSS8x8x5/16 HSS8x8x5/16
F8.0T -1'-4" HSS8x8x3/8
F11.0T -1'-4" HSS8x8x5/16 HSS8x8x5/16
F5.0 -2'-8" P24 -0'-8" HSS8x8x5/16
F6.0 -1'-4" HSS8.625x0.375
F6.0 -1'-4" HSS6x6x3/8
F7.0T -1'-4" HSS12.750x0.375
F8.0T -1'-4" HSS12.750x0.375
F8.0 -1'-4" HSS8.625x0.500
F7.0 -1'-4" HSS8x8x5/16
F9.0T -1'-4" HSS12.750x0.375
F8.0T -1'-4" W10x54
TB24x24 -1'-4"
F11.0T -1'-4" W10x54
F6.0 -1'-4" HSS8x8x5/16
F5.0 -1'-4" HSS8.625x0.375
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F4.0 -2'-8" P20 -0'-8" HSS6x6x5/16
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F4.0 -2'-8" P20 -0'-8" HSS6x6x5/16
WF24 -1'-4"
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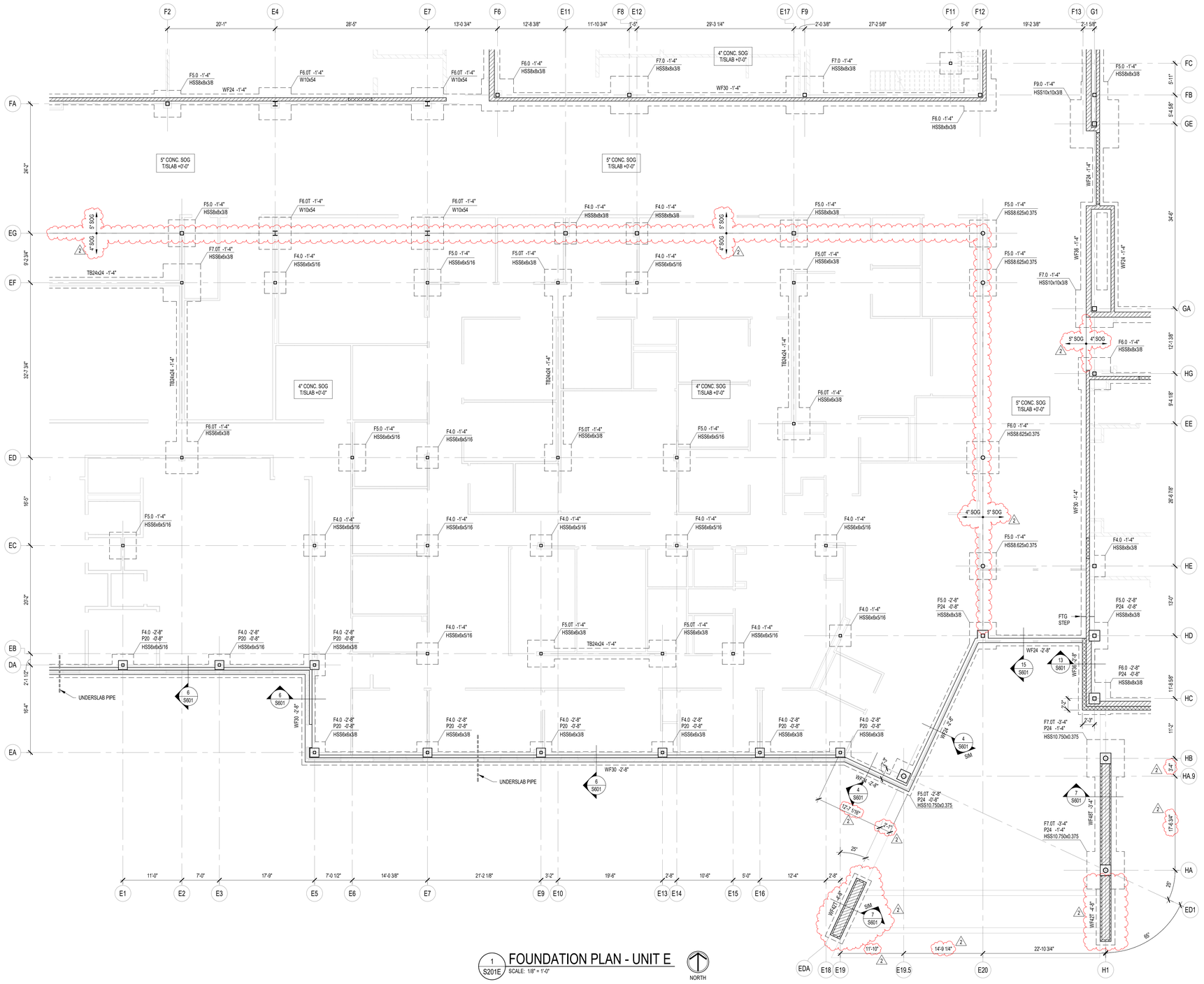

1 S201E FOUNDATION PLAN - UNIT E
SCALE: 1/8" = 1'-0"

NORTH

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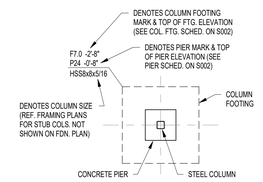

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P 317.423.1550
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WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
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REVISIONS:
2 ADDENDUM NO. 06 08/16/2024

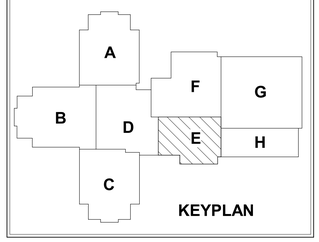
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRV/JRO	MDL

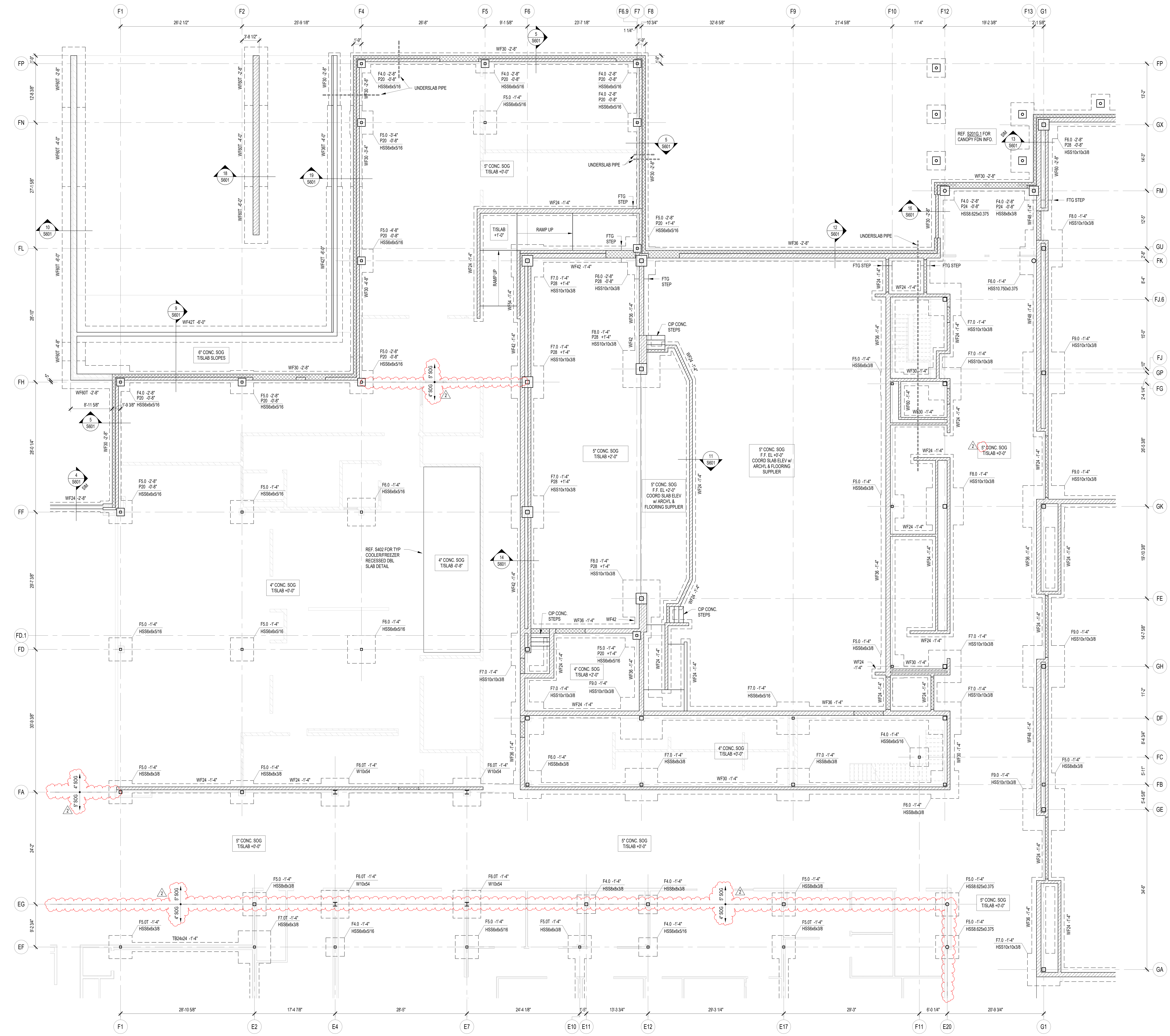
DRAWING TITLE:
FOUNDATION PLAN - UNIT E

CERTIFIED BY:
MARK D. LAVTER
REGISTERED
PE19400114
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
S201E

PROJECT NUMBER
2023061





1
S201F

FOUNDATION PLAN - UNIT F

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NORTH

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17. SUBSTITUTION OF POLYPROPYLENE FIBER SECONDARY REINFORCING FOR WELDED WIRE FABRIC IS PERMITTED FOR SLABS ON GRADE EXCEPT FOR GYMNASIUM SLABS AND SLABS THAT RECEIVE EPOXY FINISH FLOORING (COORD. LOCATIONS WITH ARCHITECTURAL FINISH PLANS).
18. REF. ARCHITECTURAL DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.
19. PLAN LEGEND:

FF	DENOTES FIN. FLOOR
T/'X'	DENOTES TOP OF FTG, SLAB, PIER, ETC.
B/'X'	DENOTES BOTTOM OF FTG, GRADE BEAM, ETC.
CJ	DENOTES SLAB ON GRADE CONTROL/CONTRACTION JOINT
WF24 -2'-8"	DENOTES WALL FOOTING MARK & TOP OF FOOTING ELEVATION (REF. WALL FTG SCHED.)
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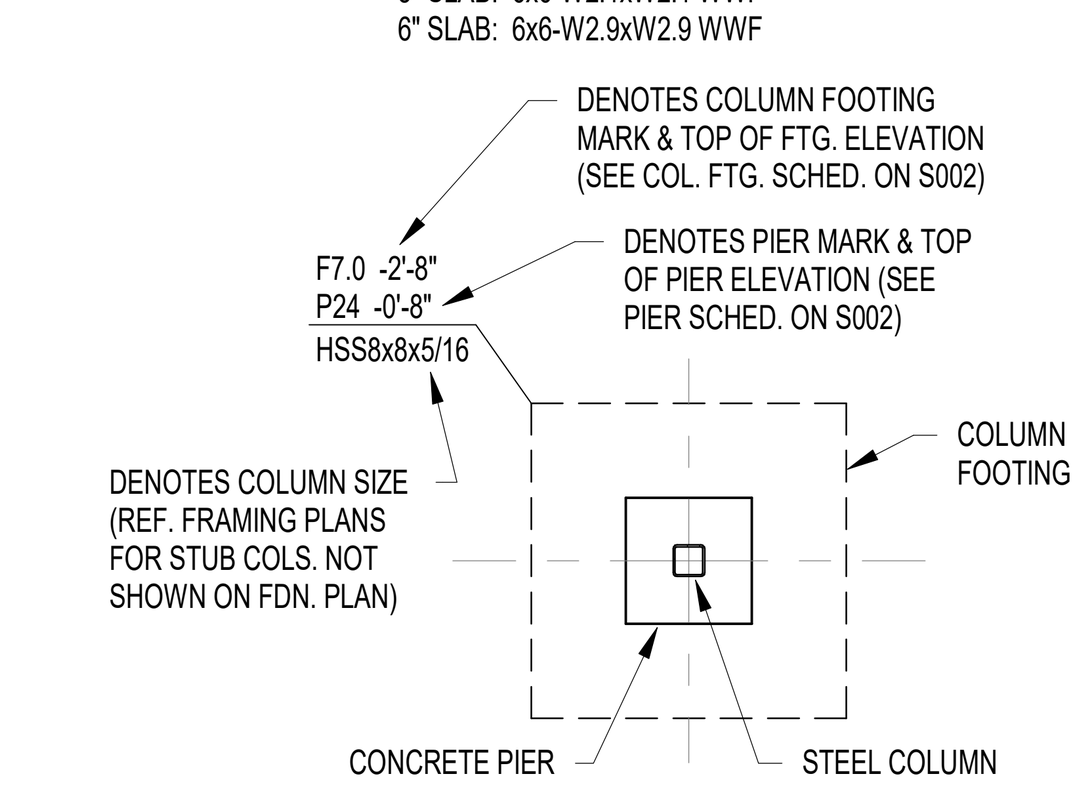
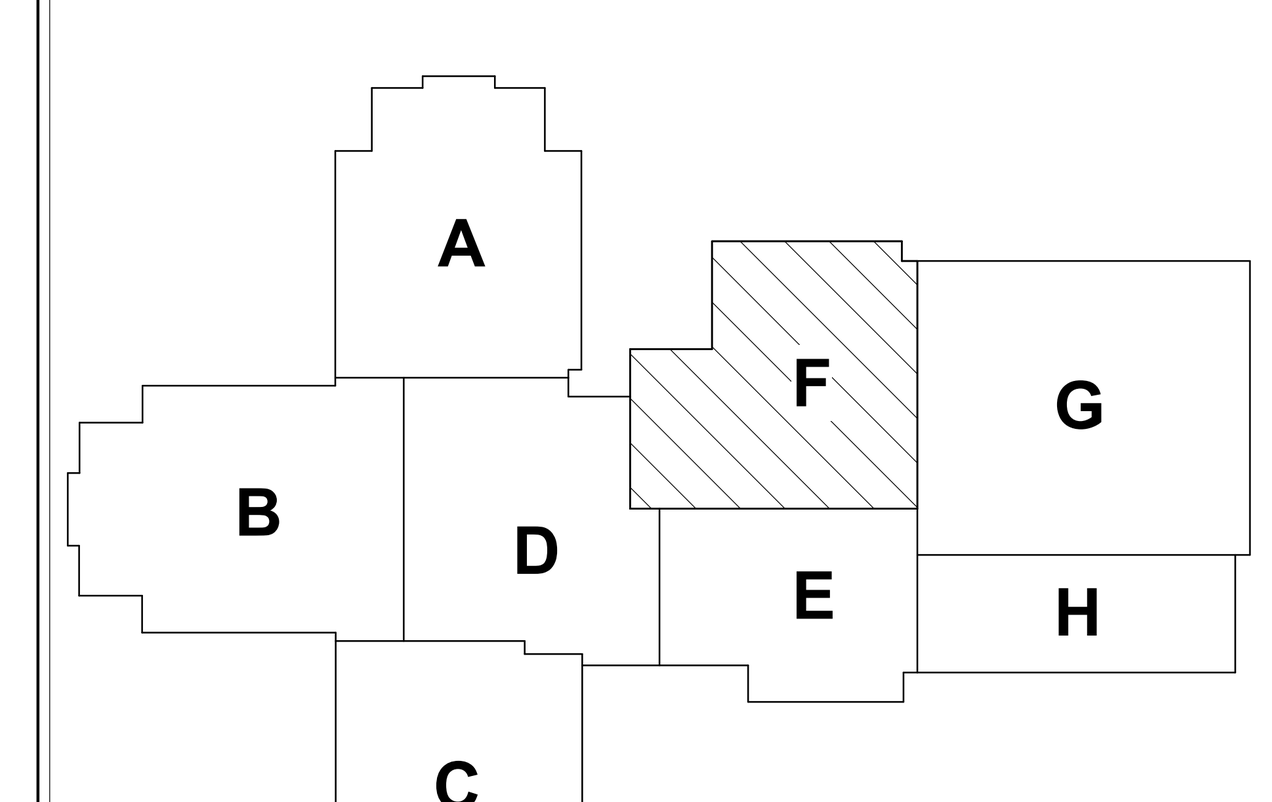
	DENOTES CMU FOUNDATION WALL
	DENOTES CMU FDN. WALL HELD DOWN AT OPENINGS
#5@32"OC	DENOTES CMU WALL VERT. REINF. SIZE & SPACING. IF NOT SHOWN, PROVIDE MIN. PER NOTE 10 ABOVE.
4" CONC. SOG T/SLAB +0'-0"	DENOTES SLAB ON GRADE THICKNESS & T/SLAB ELEVATION. ALL SLABS ON GRADE TO BE PLACED ON 6" MIN. COMPACTED GRANULAR FILL & VAPOR BARRIER/RETARDER PER SPECS. PROVIDE THE FOLLOWING WELDED WIRE FABRIC REINFORCING: 4" SLAB: 6x6-W1.4xW1.4 WWF; 5" SLAB: 6x6-W2.1xW2.1 WWF; 6" SLAB: 6x6-W2.9xW2.9 WWF





KEYPLAN

W

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Indianapolis, IN 46203
P 317.423.1550
F 317.423.1551

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM NO. 05	08/09/2024
2	ADDENDUM NO. 06	08/16/2024

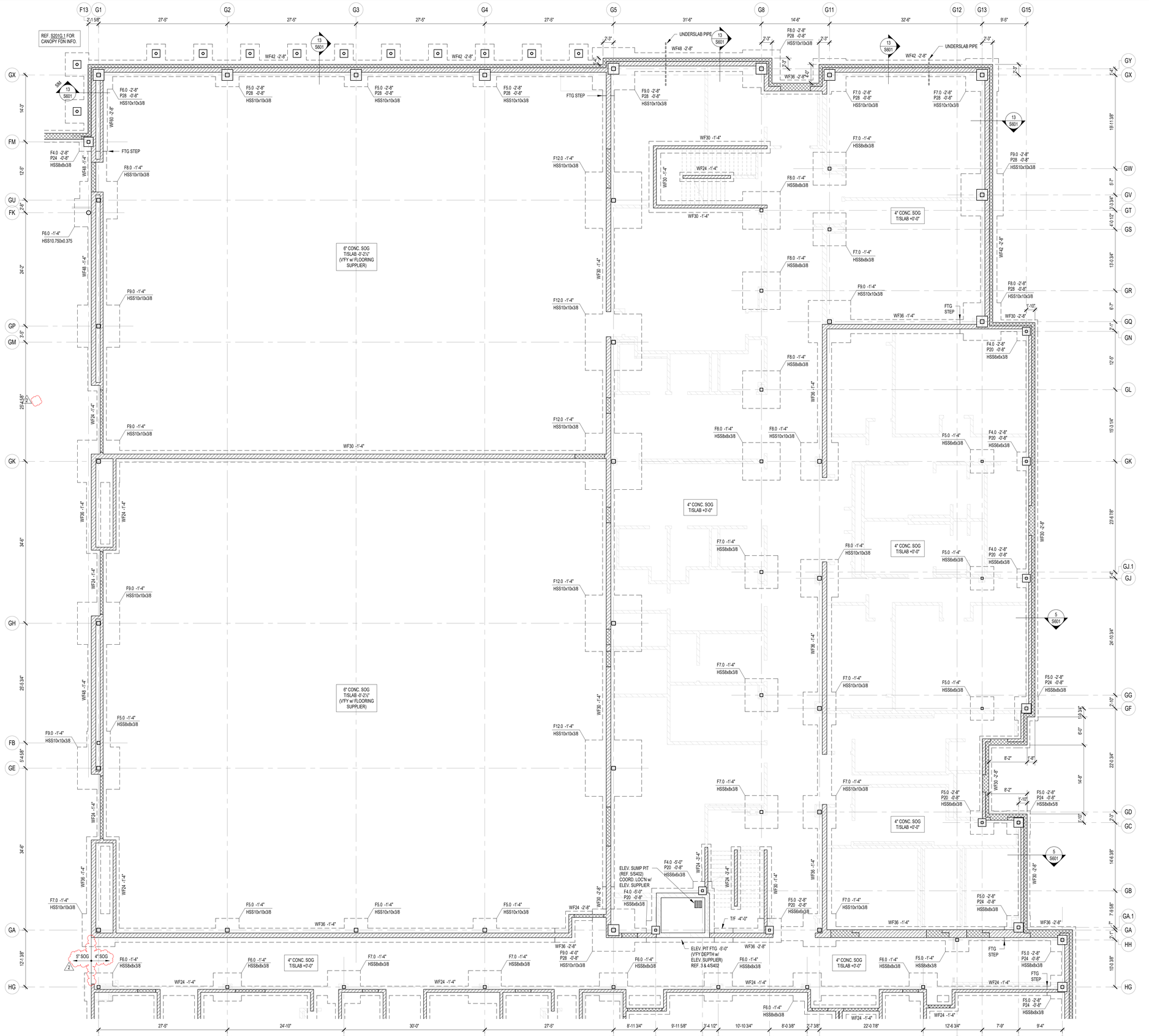
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRV/JRO	MDL

DRAWING TITLE:
FOUNDATION PLAN - UNIT F

CERTIFIED BY:
MARK D. LAVIER
REGISTERED
PE19400114
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
S201F

PROJECT NUMBER
2023061



1 S201G **FOUNDATION PLAN - UNIT G**
SCALE: 1/8" = 1'-0"

NORTH

FOUNDATION PLAN NOTES

1. REF. S001 & S002 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
2. REF. THE S400 SERIES FOR TYPICAL FOUNDATION AND MASONRY DETAILS.
3. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
4. ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +0'-0" (USGS 924.00). VERIFY USGS ELEVATION WITH CIVIL DWGS.
5. ALL WALLS SHALL BE LAID OUT FROM THE ARCHITECTURAL DRAWINGS.
6. REF. ARCH. DRAWINGS. FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
7. COORDINATE EXACT SIZE & LOCATION OF ALL MECHANICAL OPENINGS IN FDN. WALLS WITH THE MECHANICAL, ELECTRICAL & PLUMBING CONTRACTORS.
8. NOTE: PERIMETER FOOTINGS SHALL BE LOWERED AND/OR SLEEVED TO PASS BELOW PLUMBING LINES (E.G., SANITARY & STORM LINES, WATER LINES, ETC.) SHOWN ON THE PLUMBING DRAWINGS. PROVIDE FOOTING STEPS AS REQUIRED PER THE TYPICAL DETAILS ON S401.
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10. PROVIDE CMU REINFORCING AS FOLLOWS, UNLESS NOTED OTHERWISE ON PLANS & SECTIONS:

12" CMU, EXTERIOR (> 27' TALL):	#6 @ 16" OC
12" CMU, EXTERIOR (< 27' TALL):	#6 @ 32" OC
12" CMU, INTERIOR (> 27' TALL):	#5 @ 32" OC
12" CMU, INTERIOR (< 27' TALL):	#5 @ 32" OC
10" CMU, EXTERIOR:	#6 @ 32" OC
10" CMU, INTERIOR:	#5 @ 32" OC
8" CMU:	#5 @ 32" OC
6" CMU:	#5 @ 48" OC
FOUNDATION WALLS NOT EXTENDING ABOVE GRADE:	#5 @ 48" OC

(NOTE: WHERE ONLY THE UPPER PORTION OF WALL HAS EXTERIOR EXPOSURE, THE ENTIRE WALL IS AN EXTERIOR WALL FOR REINFORCING PURPOSES.)

PROVIDE OPEN-CORE BOND BEAMS AT TOPS OF WALLS, AT CHANGES IN CMU THICKNESS, AND WHERE INDICATED ON PLANS & SECTIONS (10'-0" OC MAX VERTICAL SPACING). PROVIDE 1/2 OF INTERRUPTED VERTICALS AT JAMBS OF OPENINGS AND PROVIDE ADDITIONAL VERTS. AT ENDS OF WALLS.

11. COORDINATE REINFORCING DOWELS FOR CMU VERTICAL REINFORCING WITH REINF. NOTED ON PLANS & SECTIONS.
12. GROUT ALL CORES OF CMU SOLID BELOW FIN. FLOOR ELEVATION.
13. PROVIDE THICKENED SLAB UNDER ALL INTERIOR CMU WALLS WITHOUT FOOTINGS. SEE S401 FOR THICKENED SLAB DETAIL. REF. THE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF CMU WALLS.
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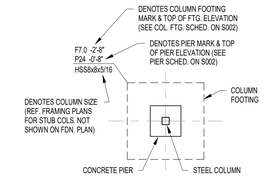

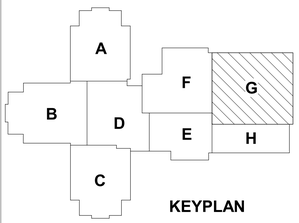

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PROJECT:
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REVISIONS:
1 ADDENDUM NO. 06 08/16/2024

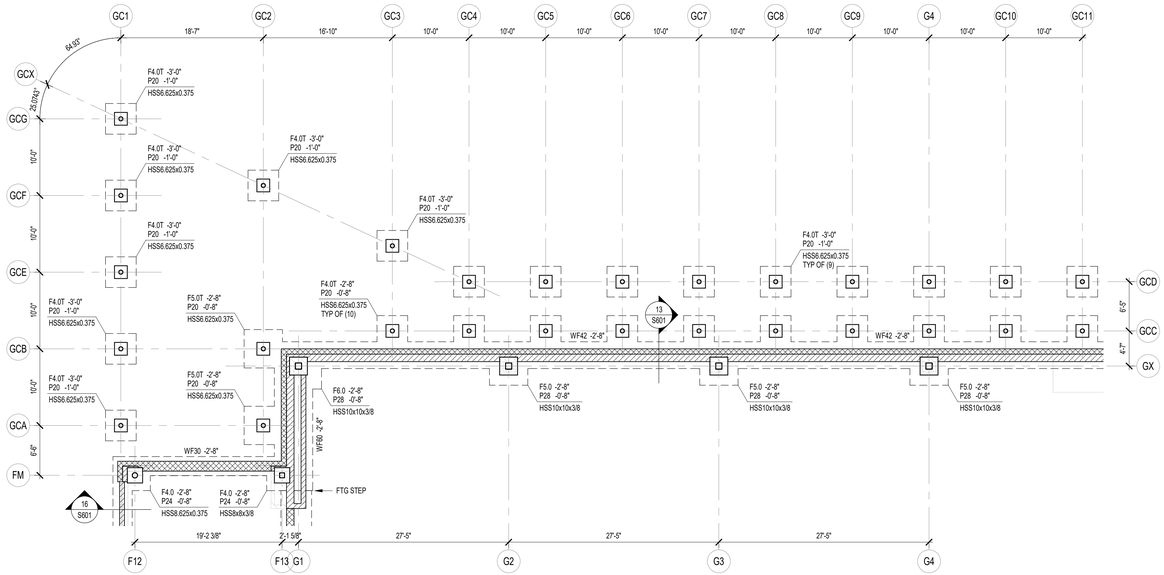
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRV/JRO	MDL

DRAWING TITLE:
FOUNDATION PLAN - UNIT G

CERTIFIED BY:
MARK D. LAMBERT REGISTERED PE19400114 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWING NUMBER
S201G

PROJECT NUMBER
2023061



1 S201G.1 CANOPY FOUNDATION PLAN - UNIT G

SCALE: 1/8" = 1'-0"

NORTH

FOUNDATION PLAN NOTES

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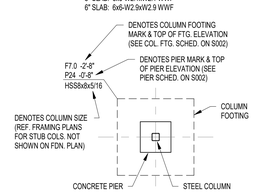

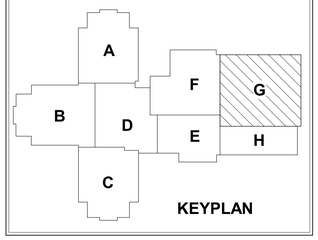

KEYPLAN

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REVISIONS:

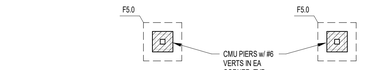
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRV/JRO	MDL

DRAWING TITLE:
CANOPY FOUNDATION PLAN - UNIT G

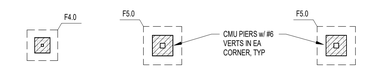
CERTIFIED BY:
MARK D. LAVELLE
REGISTERED
PE19400114
STATE OF
INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
S201G.1

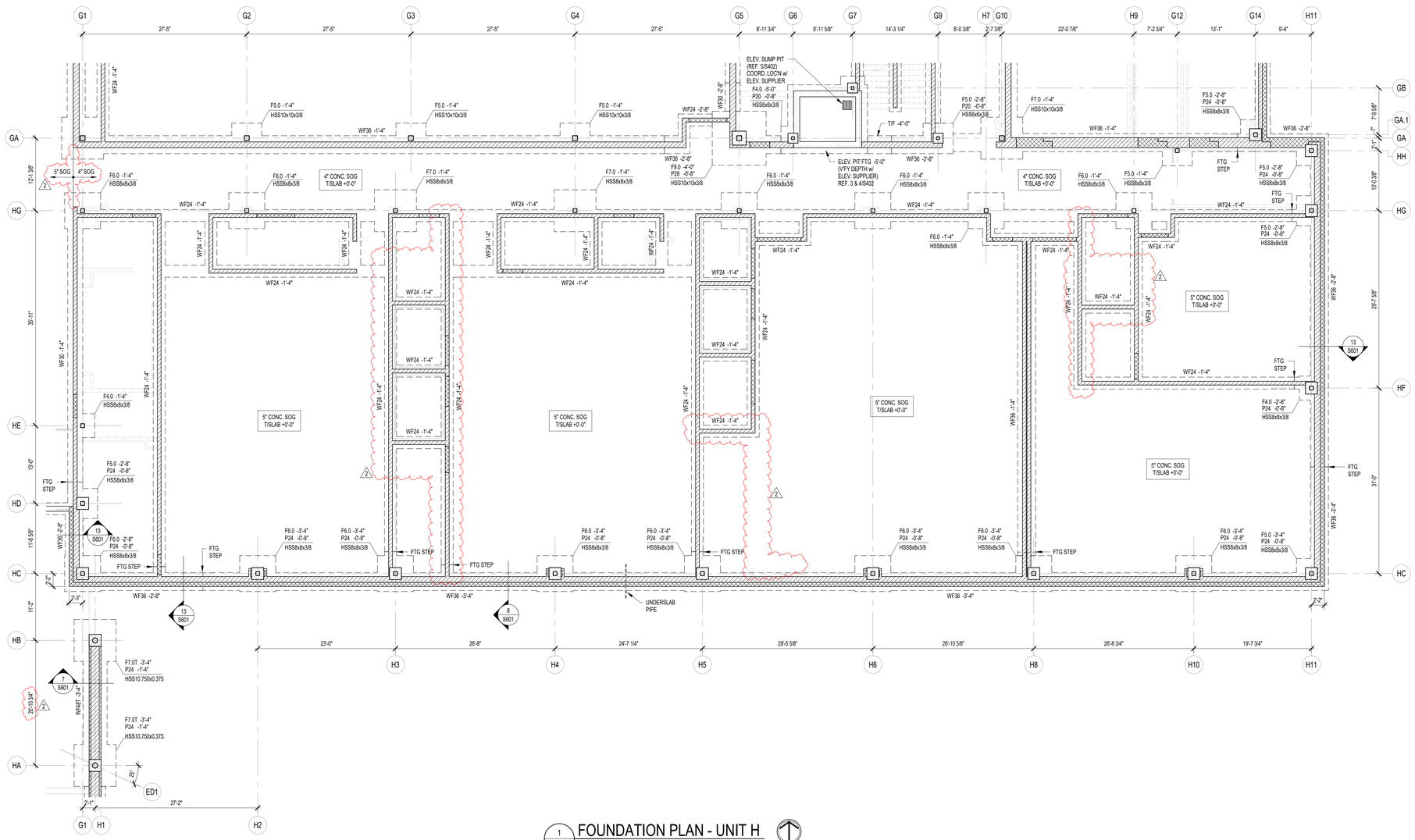
PROJECT NUMBER
2023061



PLACE T/FTG MIN. 2'-0" BELOW GRADE, TYP. REF. ARCH. & CIVIL DWGS. FOR LOC'NS ON SITE.



2 S201H FOUNDATION PLAN - ENTRY GATES
SCALE: 1/8" = 1'-0"



1 S201H FOUNDATION PLAN - UNIT H
SCALE: 1/8" = 1'-0"

NORTH

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10. PROVIDE CMU REINFORCING AS FOLLOWS, UNLESS NOTED OTHERWISE ON PLANS & SECTIONS:

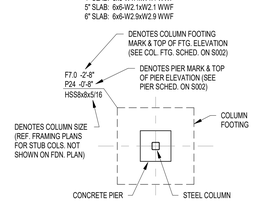
12" CMU, EXTERIOR (> 27' TALL):	#6 @ 16" OC
12" CMU, EXTERIOR (< 27' TALL):	#6 @ 32" OC
12" CMU, INTERIOR (> 27' TALL):	#5 @ 32" OC
12" CMU, INTERIOR (< 27' TALL):	#5 @ 32" OC
10" CMU, EXTERIOR:	#6 @ 32" OC
10" CMU, INTERIOR:	#5 @ 32" OC
8" CMU:	#5 @ 32" OC
6" CMU:	#5 @ 48" OC
FOUNDATION WALLS NOT EXTENDING ABOVE GRADE:	#5 @ 48" OC

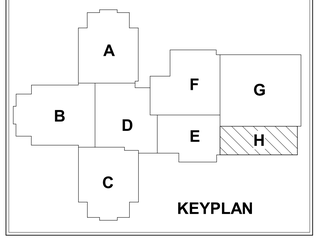
(NOTE: WHERE ONLY THE UPPER PORTION OF WALL HAS EXTERIOR EXPOSURE, THE ENTIRE WALL IS AN EXTERIOR WALL FOR REINFORCING PURPOSES.)

PROVIDE OPEN-CORE BOND BEAMS AT TOPS OF WALLS, AT CHANGES IN CMU THICKNESS, AND WHERE INDICATED ON PLANS & SECTIONS (10'-0" OC MAX VERTICAL SPACING). PROVIDE 1/2 OF INTERRUPTED VERTICALS AT JAMBS OF OPENINGS AND PROVIDE ADDITIONAL VERT'S. AT ENDS OF WALLS.

11. COORDINATE REINFORCING DOWELS FOR CMU VERTICAL REINFORCING WITH REINF. NOTED ON PLANS & SECTIONS.
12. GROUT ALL CORES OF CMU SOLID BELOW FIN. FLOOR ELEVATION.
13. PROVIDE THICKENED SLAB UNDER ALL INTERIOR CMU WALLS WITHOUT FOOTINGS. SEE S401 FOR THICKENED SLAB DETAIL. REF. THE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF CMU WALLS.
14. ALL FOOTINGS SHALL BEAR ON APPROVED SOIL. UNDERCUT AS REQ'D. TO SUITABLE BEARING MATERIAL AS DETERMINED BY THE GEOTECHNICAL TESTING AGENCY. REF. TYPICAL FOOTING UNDERCUT DETAILS ON S402.
15. PROVIDE CONTROL/CONTRACTION JOINTS IN SLABS ON GRADE (REF. TYPICAL DETAILS ON S401). ALL JOINTS IN SLABS TO RECEIVE THIN OR THICK-SET TERRAZZO, CERAMIC OR PORCELAIN TILE, VINYL-COMPOSITION TILE (VCT) OR VINYL SHEET GOODS, EPOXY OR SIMILAR THIN-FILM FINISH FLOORING SHALL BE CAREFULLY COORDINATED WITH THE FLOORING CONTRACTOR. THE CONTRACTOR SHALL SUBMIT SLAB JOINT LAYOUT TO ARCHITECT/ENGINEER FOR REVIEW PRIOR TO PLACING SLABS.
16. EARTH-FORMED FOOTINGS ARE ACCEPTABLE WHERE SOIL CONDITIONS PERMIT (I.E. WHERE THE BANKS OF THE EXCAVATION WILL HOLD WITHOUT CAVING AND SLOUGHING). HOWEVER, THE PLAN DIMENSION OF EARTH- FORMED FOOTINGS MUST BE INCREASED BY 2" ALONG ALL EDGES TO ACCOUNT FOR INACCURACIES ASSOCIATED WITH EARTH-FORMING (I.E. 2'-0" WIDE WALL FOOTINGS SHALL BE 2'-4" WIDE AND 5'-0" SQUARE COLUMN FOOTINGS SHALL BE 5'-4" SQUARE).
17. SUBSTITUTION OF POLYPROPYLENE FIBER SECONDARY REINFORCING FOR WELDED WIRE FABRIC IS PERMITTED FOR SLABS ON GRADE EXCEPT FOR GYMNASIUM SLABS AND SLABS THAT RECEIVE EPOXY FINISH FLOORING (COORD. LOCATIONS WITH ARCHITECTURAL FINISH PLANS).
18. REF. ARCHITECTURAL DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.
19. PLAN LEGEND:

FF	DENOTES FIN. FLOOR
T/'X'	DENOTES TOP OF FTG, SLAB, PIER, ETC.
B/'X'	DENOTES BOTTOM OF FTG, GRADE BEAM, ETC.
CJ	DENOTES SLAB ON GRADE CONTROL/CONTRACTION JOINT
WF24 -2'-8"	DENOTES WALL FOOTING MARK & TOP OF FOOTING ELEVATION (REF. WALL FTG SCHED.)
TB24x24 -1'-4"	DENOTES TIE BEAM MARK & T/BEAM ELEVATION (REF. TIE BEAM SCHEDULE)
	DENOTES WALL FOOTING WITH STEPS. REF. TYP. DETAIL ON S401
	DENOTES CMU FOUNDATION WALL
	DENOTES CMU FDN. WALL HELD DOWN AT OPENINGS
#5@32"OC	DENOTES CMU WALL VERT. REINF. SIZE & SPACING. IF NOT SHOWN, PROVIDE MIN. PER NOTE 10 ABOVE.
4" CONC. SOG T/SLAB +0'-0"	DENOTES SLAB ON GRADE THICKNESS & T/SLAB ELEVATION. ALL SLABS ON GRADE TO BE PLACED ON 6" MIN. COMPACTED GRANULAR FILL & VAPOR BARRIER/RETARDER PER SPECS. PROVIDE THE FOLLOWING WELDED WIRE FABRIC REINFORCING: 4" SLAB: 6x6-W1.4xW1.4 WWF 5" SLAB: 6x6-W2.1xW2.1 WWF 6" SLAB: 6x6-W2.9xW2.9 WWF





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Lynch, Harrison & Brumleve, Inc.
P 317.423.1550
F 317.423.1551
550 Virginia Avenue
Indianapolis, IN 46203

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. These drawings are not intended to completely describe all work required for full performance and completion of the requirements of the Contract.
The Bid shall include all general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:
2 ADDENDUM NO. 06 08/16/2024

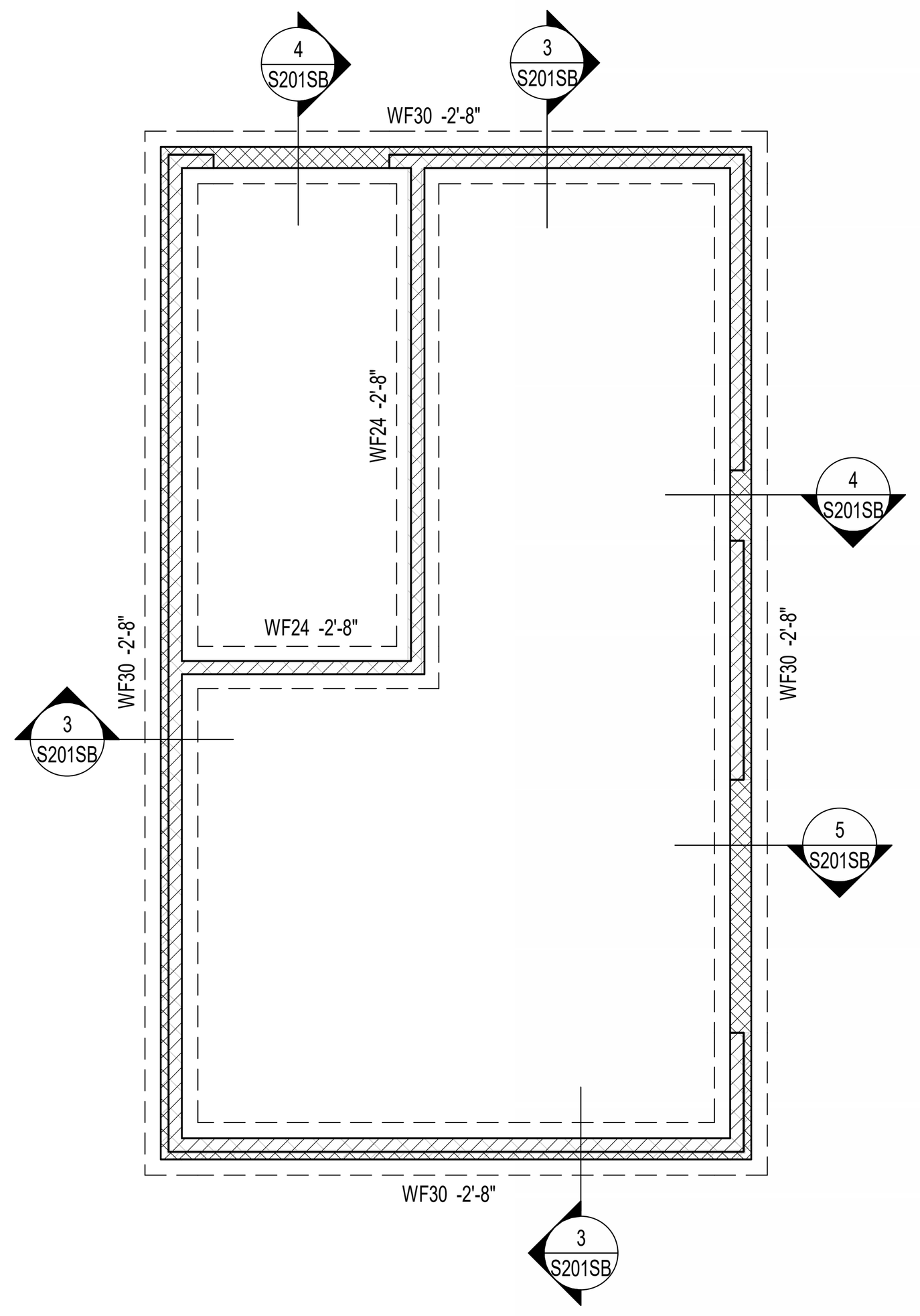
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRV/JRO	MDL

DRAWING TITLE:
FOUNDATION PLANS - UNIT H & ENTRY GATES
2

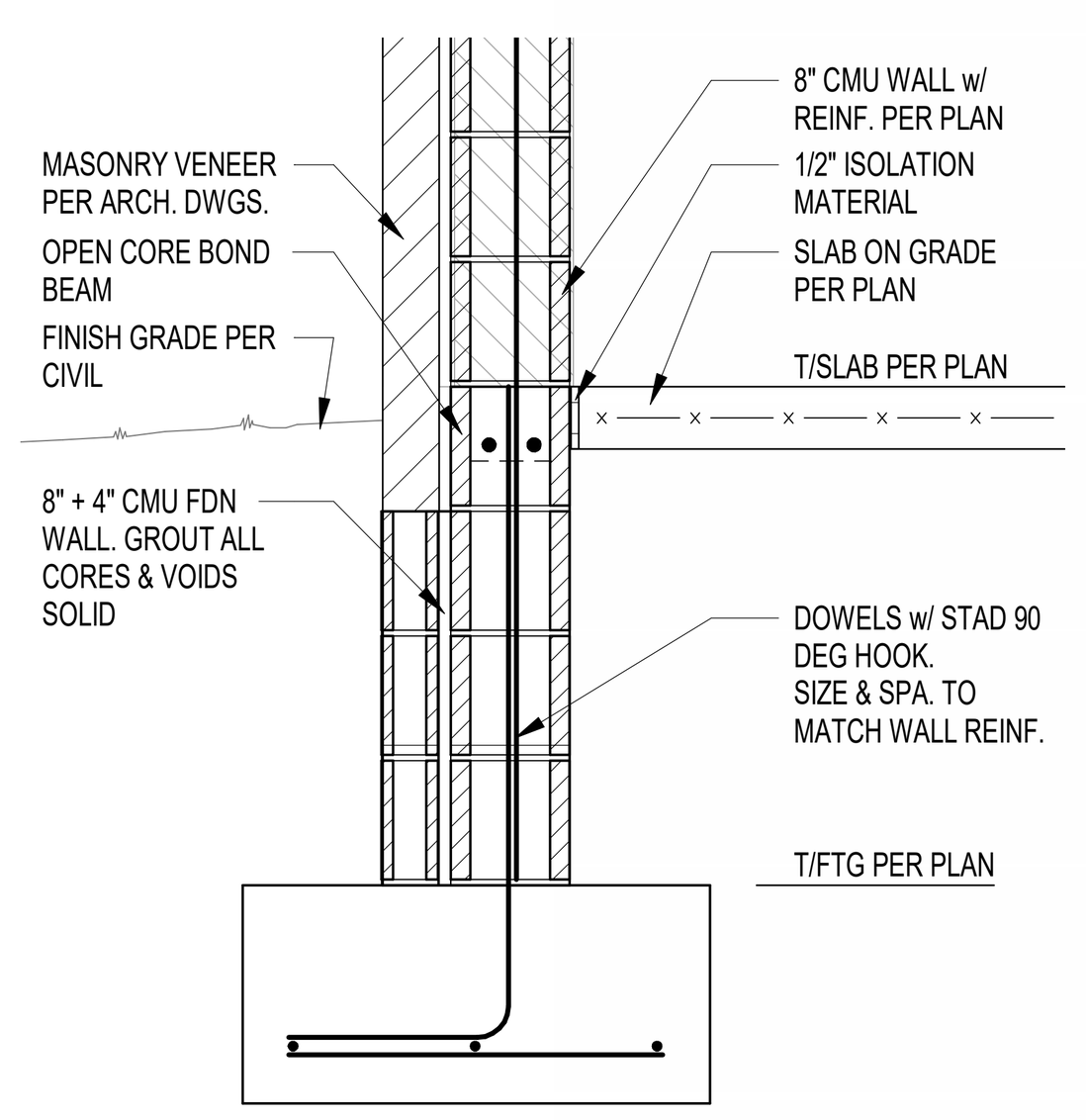
CERTIFIED BY:
MARK D. LAVIER REGISTERED PE19400114 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWING NUMBER
S201H

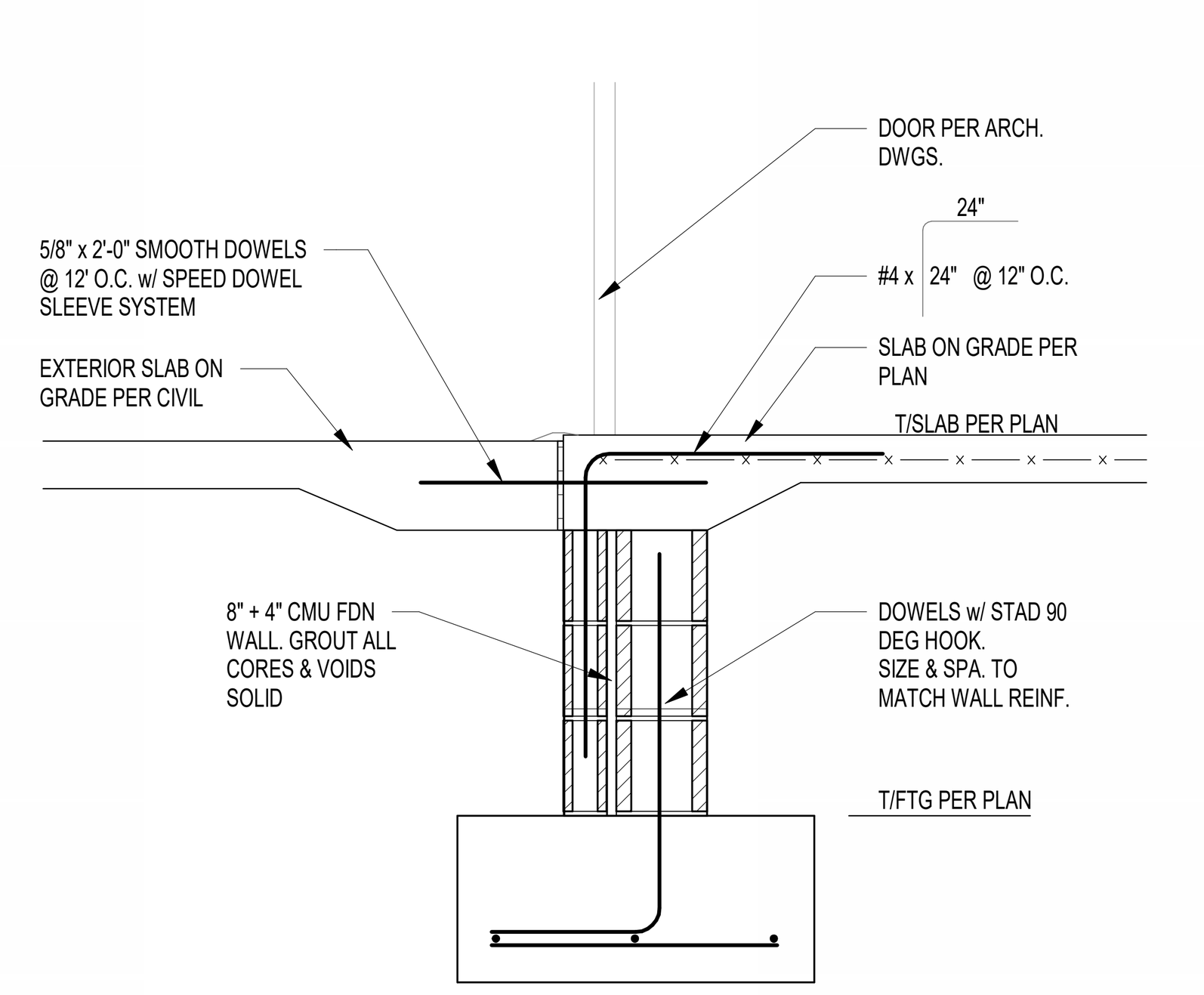
PROJECT NUMBER
2023061



1 S201SB FOUNDATION PLAN - STORAGE BLDG
SCALE: 1/8" = 1'-0"



3 S201SB SECTION
SCALE: 3/4" = 1'-0"



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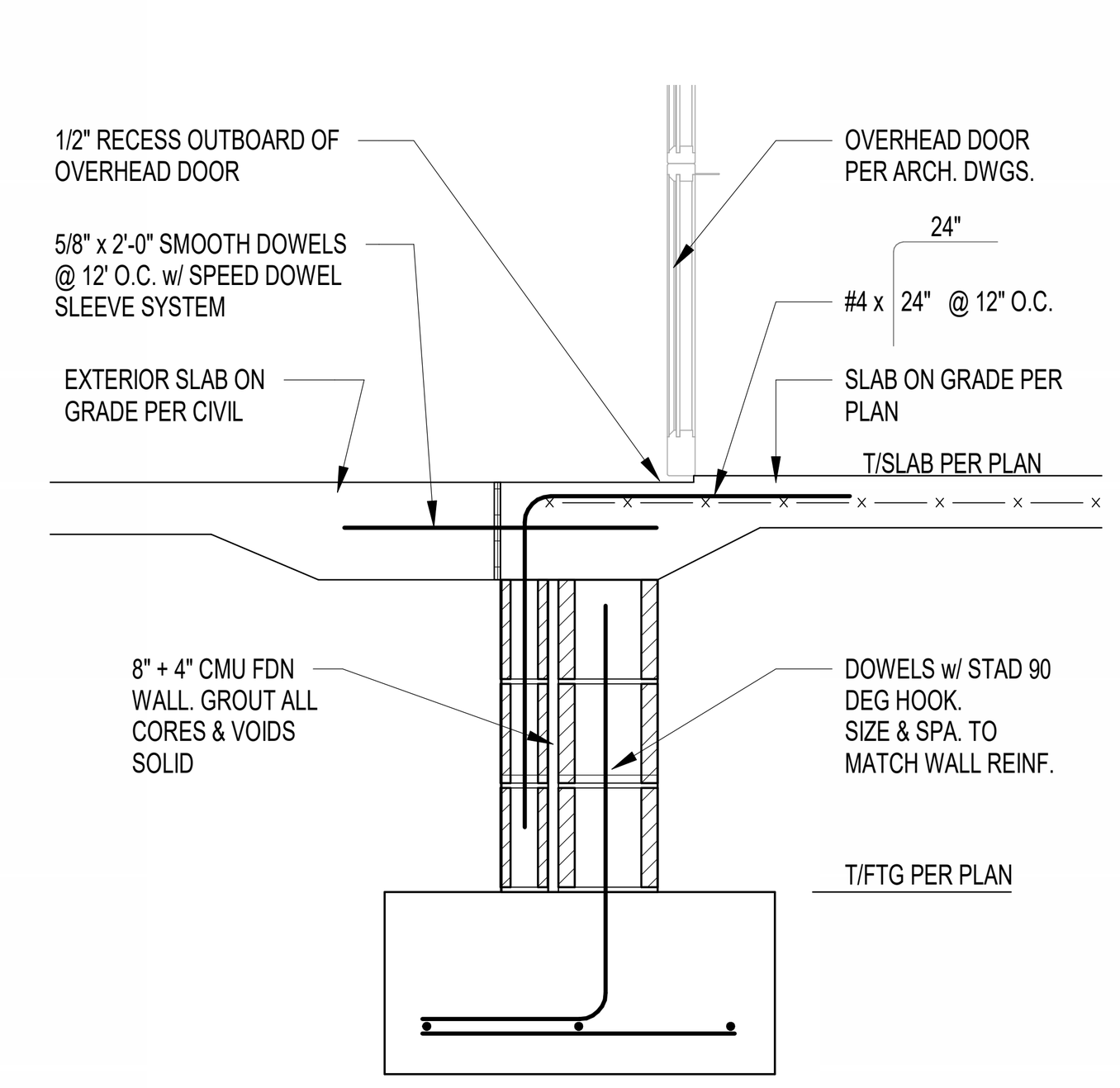

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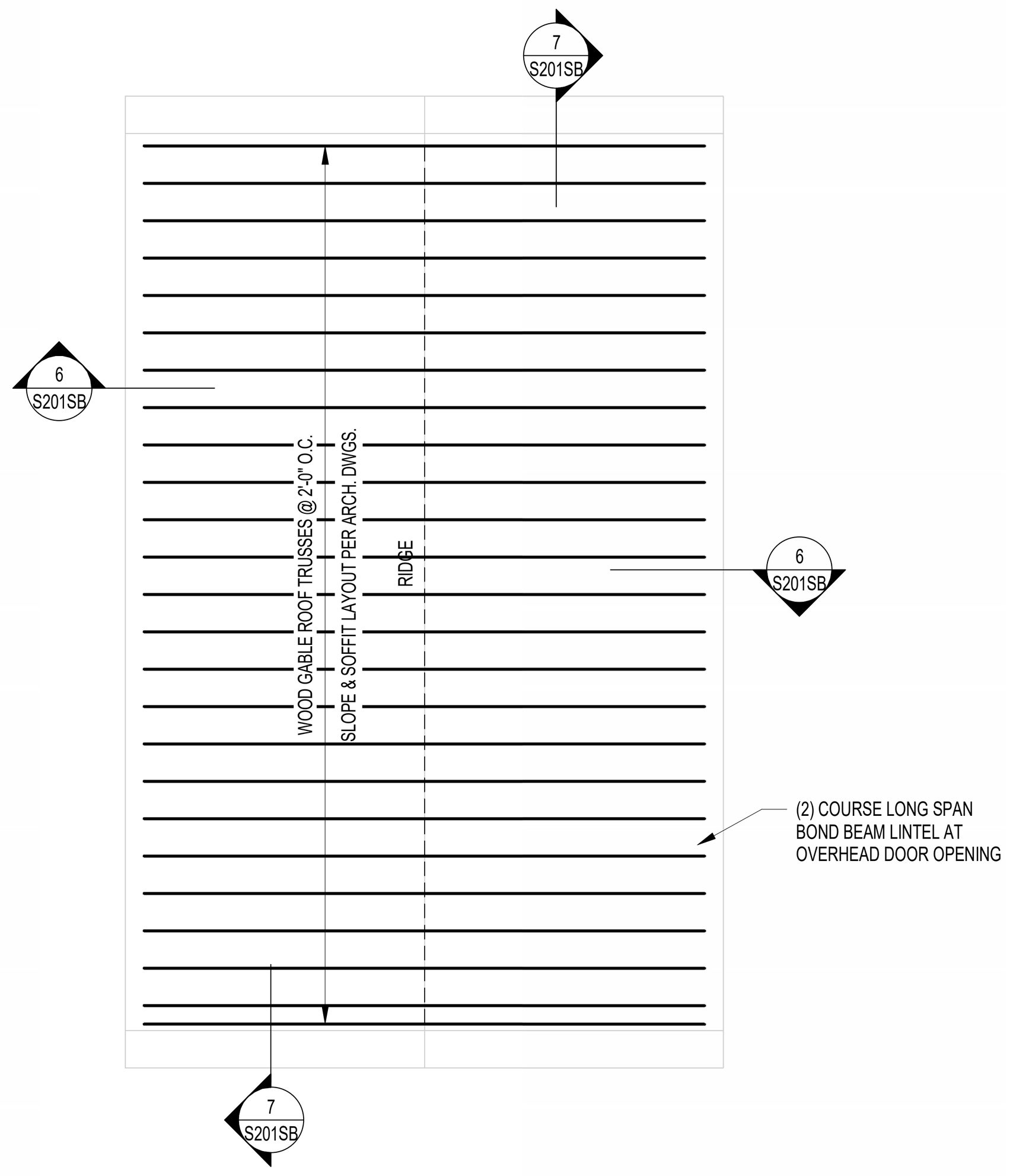
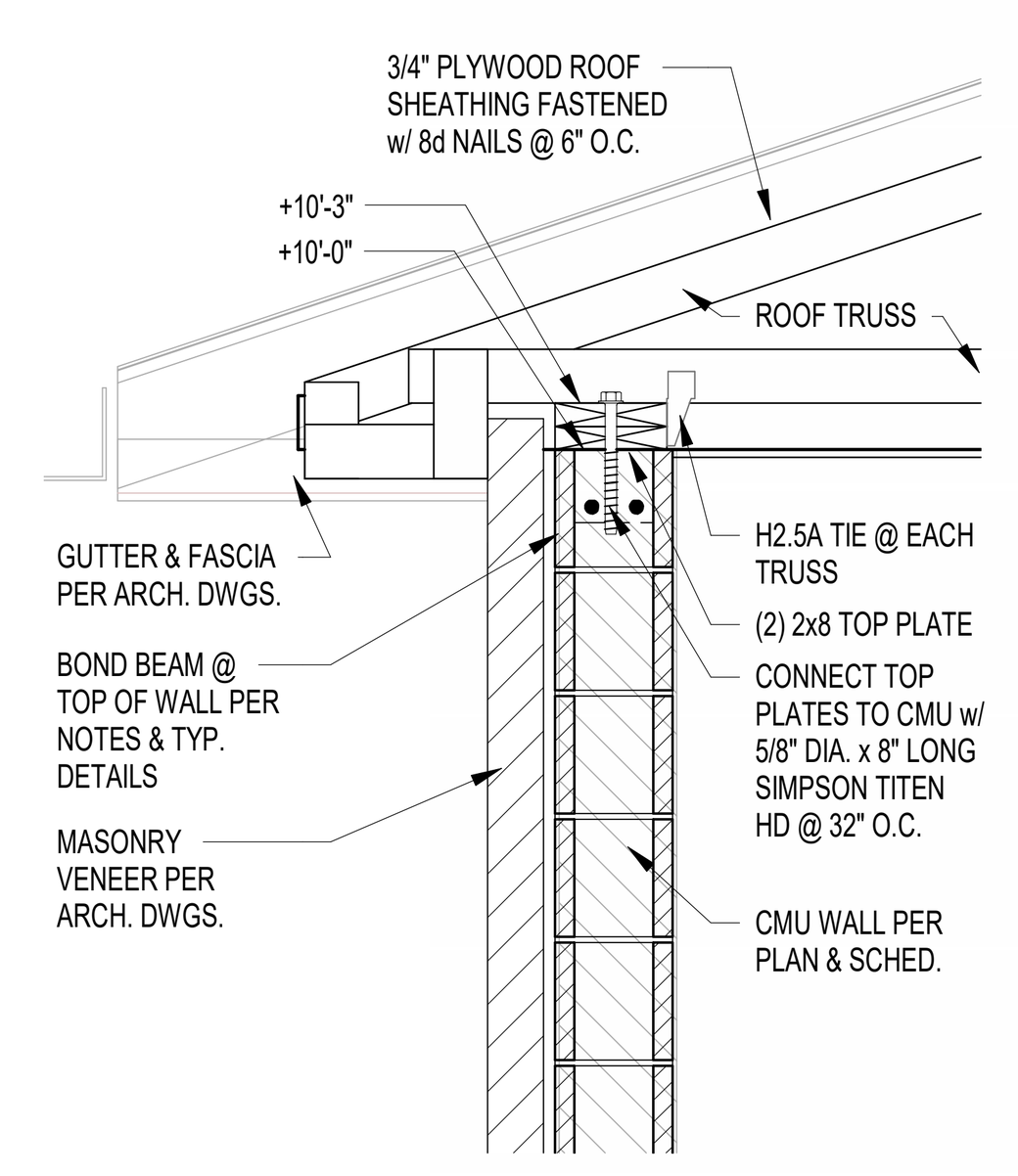


2 S201SB ROOF FRAMING PLAN - STORAGE BLDG
SCALE: 1/8" = 1'-0"



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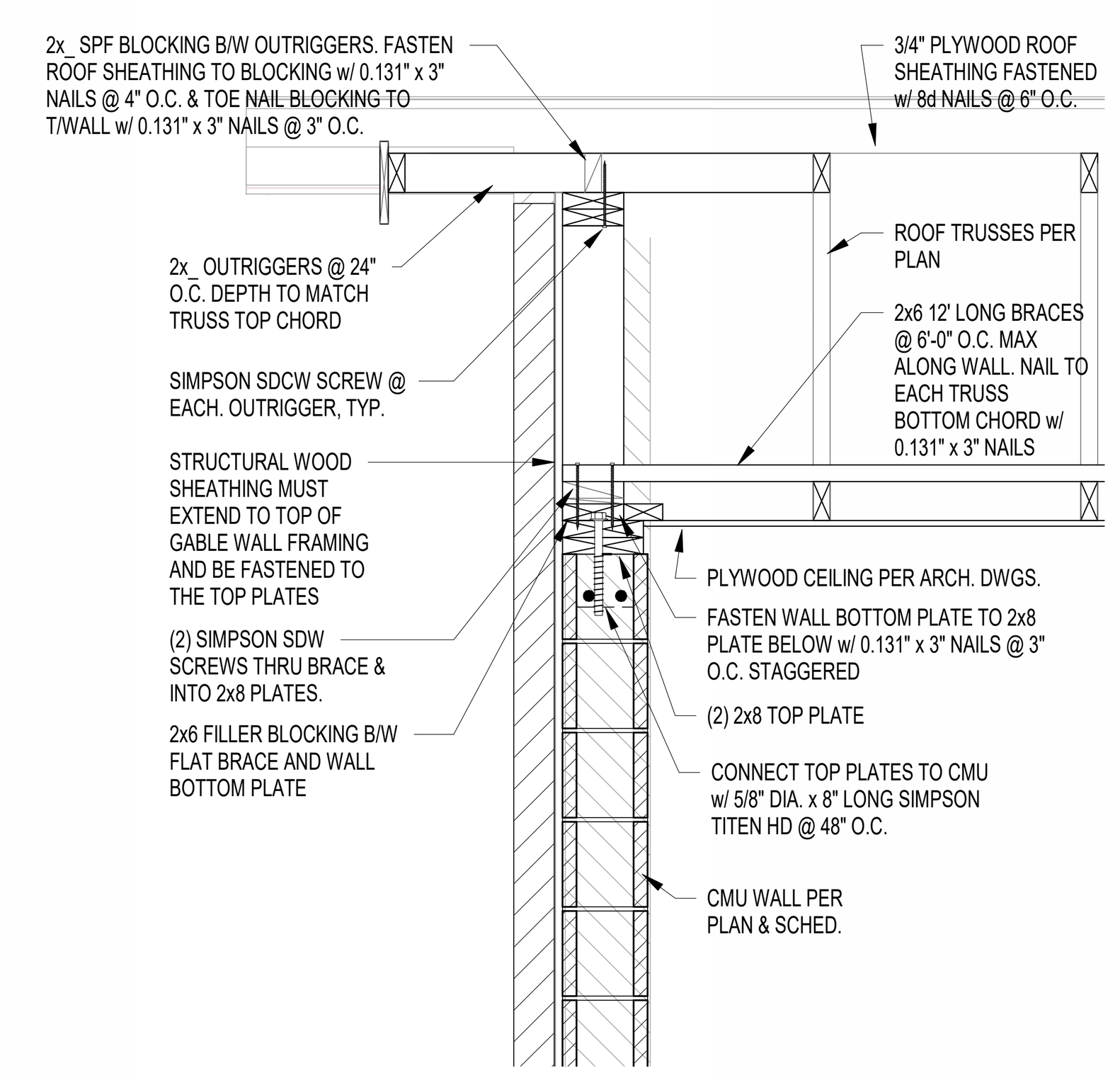

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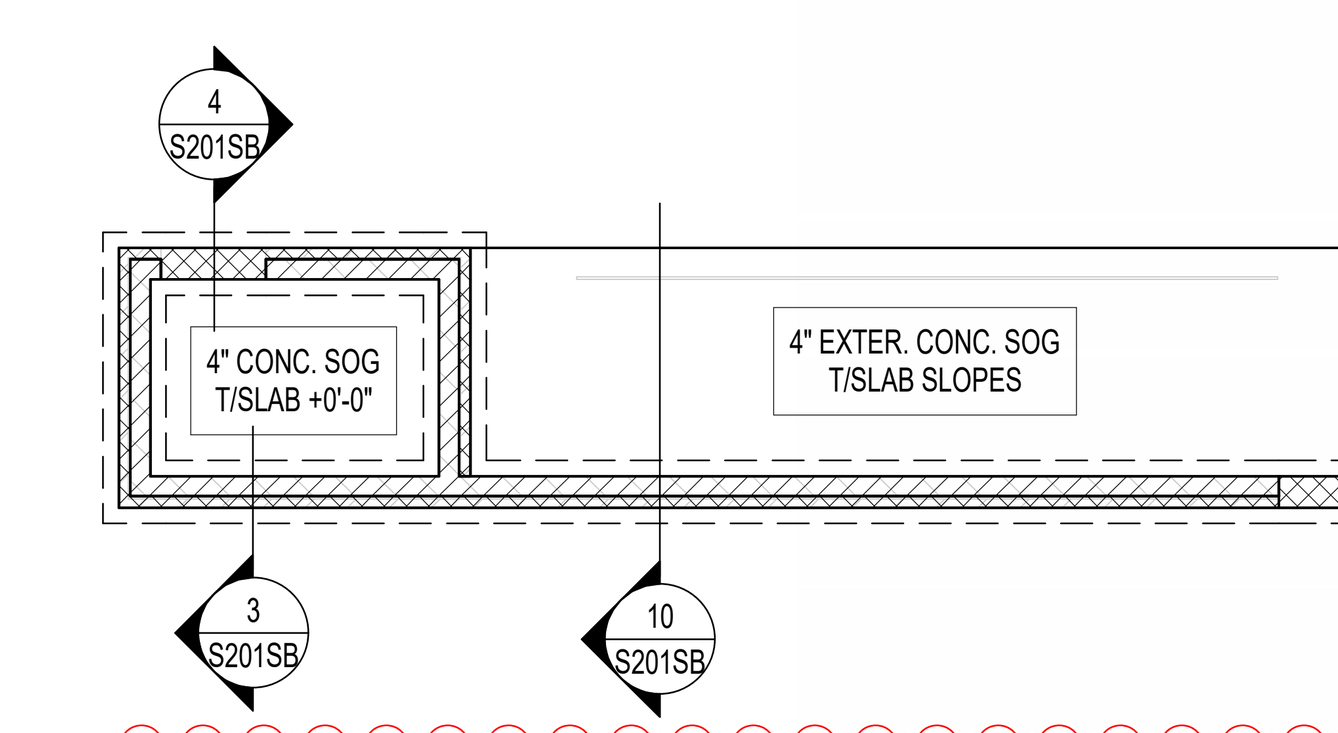
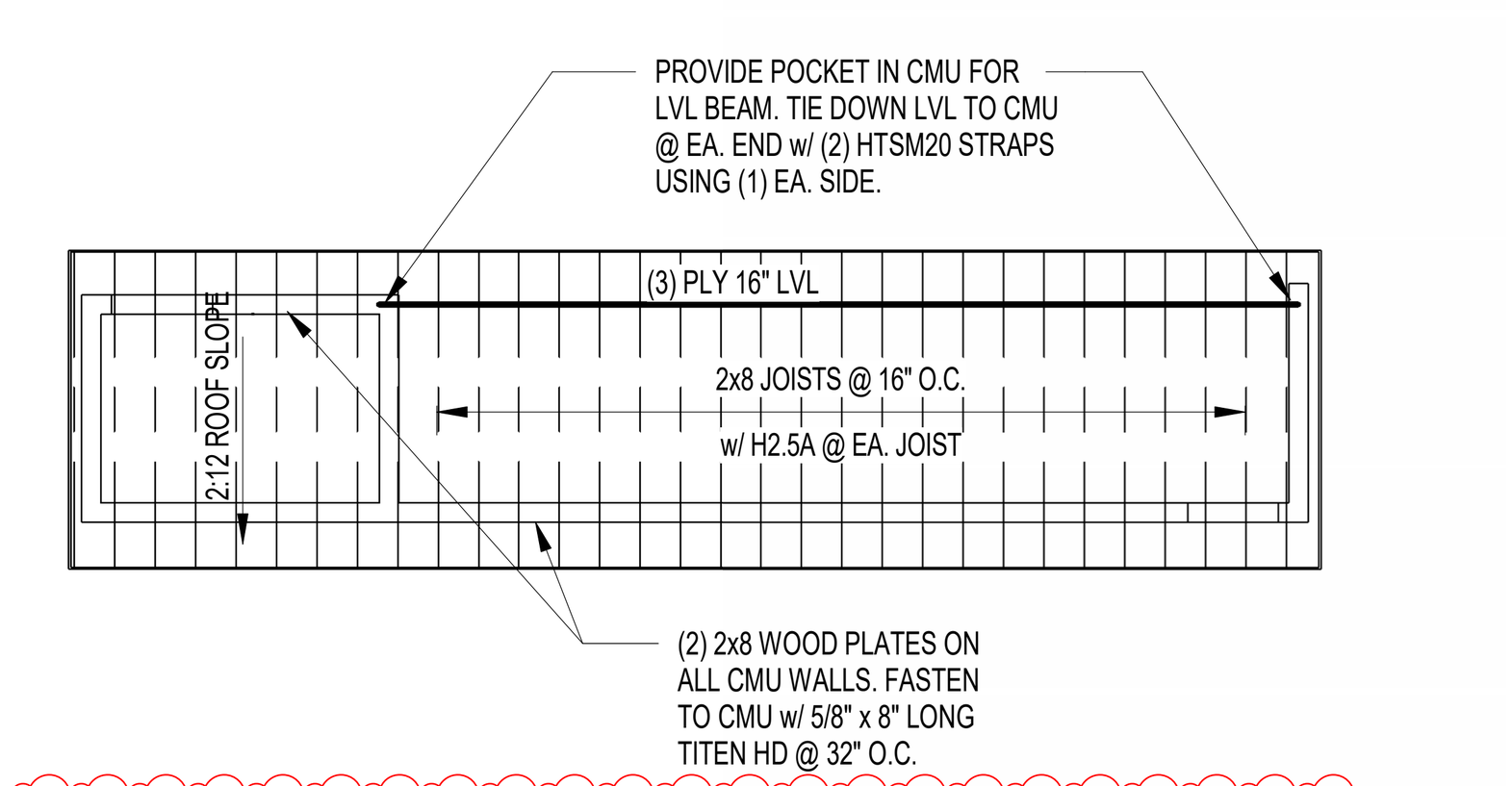
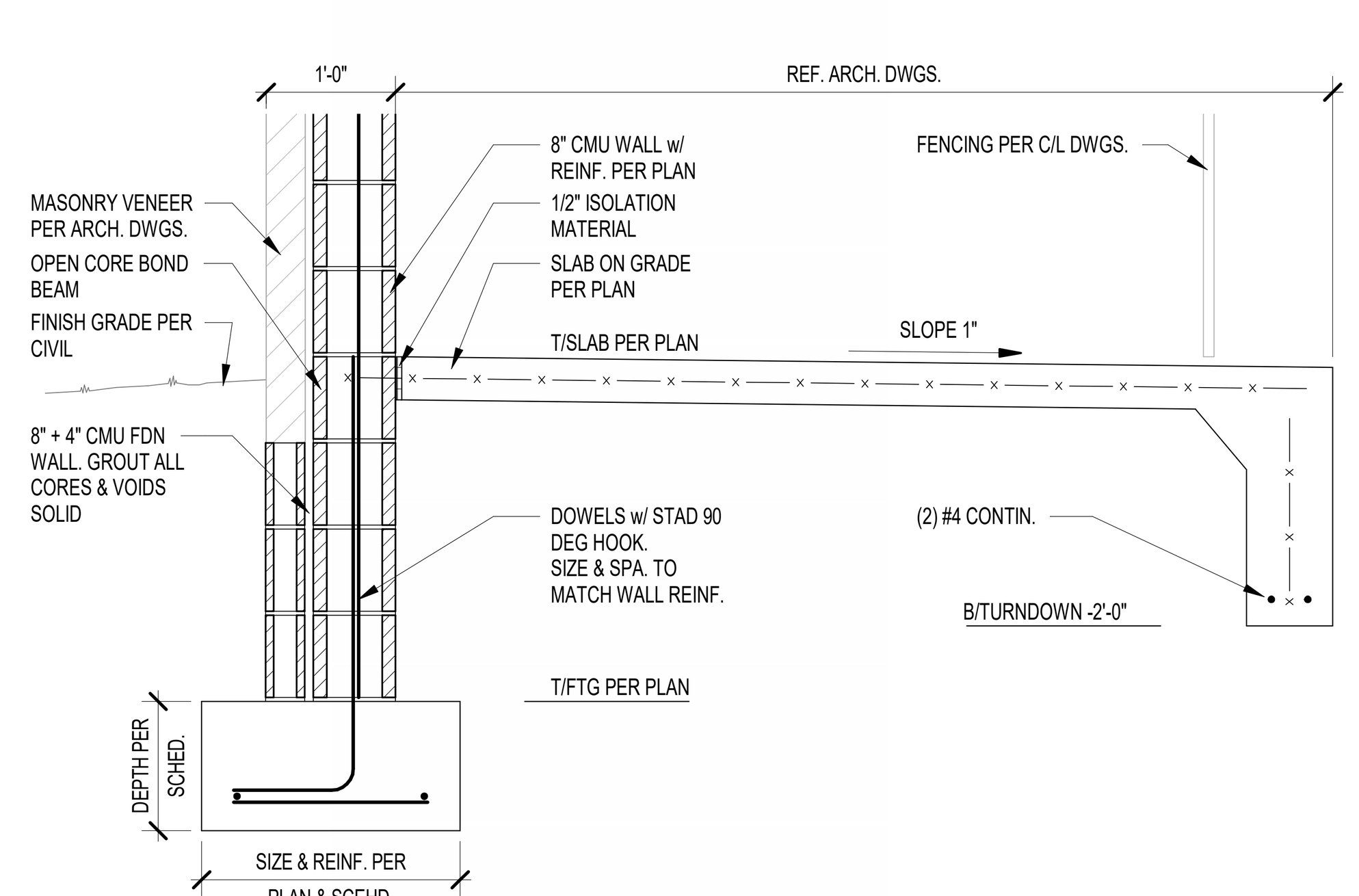
SCALE: 3/4" = 1'-0"



1 8 S201SB FOUNDATION PLAN - DUGOUTS
SCALE: 1/8" = 1'-0"



1 9 S201SB ROOF FRAMING PLAN - DUGOUTS
SCALE: 1/8" = 1'-0"



1 10 S201SB SECTION
SCALE: 3/4" = 1'-0"

FOUNDATION PLAN NOTES

1. REF. S001 & S002 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
2. REF. THE S400 SERIES FOR TYPICAL FOUNDATION AND MASONRY DETAILS.
3. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
4. ALL ELEVATIONS ARE REFERENCED FROM THE EXISTING FIRST FLOOR FIN. FLOOR ELEVATION +0'-0" (REF. CIVIL DRAWINGS FOR USGS ELEVATION).
5. ALL WALLS SHALL BE LAID OUT FROM THE ARCHITECTURAL DRAWINGS.
6. REF. ARCH. DRAWINGS. FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
7. COORDINATE EXACT SIZE & LOCATION OF ALL MECHANICAL OPENINGS IN FDN. WALLS WITH THE MECHANICAL, ELECTRICAL & PLUMBING CONTRACTORS.
8. NOTE: PERIMETER FOOTINGS SHALL BE LOWERED AND/OR SLEEVED TO PASS BELOW PLUMBING LINES (E.G., SANITARY & STORM LINES, WATER LINES, ETC.) SHOWN ON THE PLUMBING DRAWINGS. PROVIDE FOOTING STEPS AS REQUIRED PER THE TYPICAL DETAILS ON S401.
9. ALL SLAB RECESSES SHALL BE LOCATED PER THE ARCHITECTURAL DRAWINGS. COORDINATE DEPTHS OF ALL SLAB RECESSES WITH THE ARCHITECTURAL DRAWINGS AND/OR THE FLOORING SUPPLIER.
10. PROVIDE CMU REINFORCING AS FOLLOWS, UNLESS NOTED OTHERWISE ON PLANS & SECTIONS:

8" CMU:	#5 @ 32" OC
FOUNDATION WALLS NOT EXTENDING ABOVE GRADE:	#5 @ 32" OC

PROVIDE OPEN-CORE BOND BEAMS AT TOPS OF WALLS, AT CHANGES IN CMU THICKNESS, AND WHERE INDICATED ON PLANS & SECTIONS (10'-0" OC MAX VERTICAL SPACING). PROVIDE 1/2 OF INTERRUPTED VERTICALS AT JAMBS OF OPENINGS AND PROVIDE ADDITIONAL VERT'S. AT ENDS OF WALLS.
11. COORDINATE REINFORCING DOWELS FOR CMU VERTICAL REINFORCING WITH REINF. NOTED ON PLANS & SECTIONS.
12. GROUT ALL CORES OF CMU SOLID BELOW FIN. FLOOR ELEVATION.
13. PROVIDE THICKENED SLAB UNDER ALL INTERIOR CMU WALLS WITHOUT FOOTINGS. SEE S401 FOR THICKENED SLAB DETAIL. REF. THE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF CMU WALLS.
14. ALL FOOTINGS SHALL BEAR ON APPROVED SOIL. UNDERCUT AS REQ'D. TO SUITABLE BEARING MATERIAL AS DETERMINED BY THE GEOTECHNICAL TESTING AGENCY. REF. TYPICAL FOOTING UNDERCUT DETAILS ON S402.
15. PROVIDE CONTROL/CONTRACTION JOINTS IN SLABS ON GRADE (REF. TYPICAL DETAILS ON S401). ALL JOINTS IN SLABS TO RECEIVE THIN OR THICK-SET TERRAZZO, CERAMIC OR PORCELAIN TILE, VINYL-COMPOSITION TILE (VCT) OR VINYL SHEET GOODS, EPOXY OR SIMILAR THIN-FILM FINISH FLOORING SHALL BE CAREFULLY COORDINATED WITH THE FLOORING CONTRACTOR. THE CONTRACTOR SHALL SUBMIT SLAB JOINT LAYOUT TO ARCHITECT/ENGINEER FOR REVIEW PRIOR TO PLACING SLABS.
16. EARTH-FORMED FOOTINGS ARE ACCEPTABLE WHERE SOIL CONDITIONS PERMIT (I.E. WHERE THE BANKS OF THE EXCAVATION WILL HOLD WITHOUT CAVING AND SLOUGHING). HOWEVER, THE PLAN DIMENSION OF EARTH- FORMED FOOTINGS MUST BE INCREASED BY 2" ALONG ALL EDGES TO ACCOUNT FOR INACCURACIES ASSOCIATED WITH EARTH-FORMING (I.E. 2'-0" WIDE WALL FOOTINGS SHALL BE 2'-4" WIDE AND 5'-0" SQUARE COLUMN FOOTINGS SHALL BE 5'-4" SQUARE).
17. REF. ARCHITECTURAL DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.
18. PLAN LEGEND:

FF	DENOTES FIN. FLOOR
T/'X'	DENOTES TOP OF FTG, SLAB, PIER, ETC.
B/'X'	DENOTES BOTTOM OF FTG, GRADE BEAM, ETC.
CJ	DENOTES SLAB ON GRADE CONTROL/CONTRACTION JOINT
WF24 -2'-8"	DENOTES WALL FOOTING MARK & TOP OF FOOTING ELEVATION (REF. WALL FTG SCHED.)
	DENOTES WALL FOOTING WITH STEPS. REF. TYP. DETAIL ON S401
	DENOTES CMU FOUNDATION WALL
	DENOTES CMU FDN. WALL HELD DOWN AT OPENINGS
#5@32"OC	DENOTES CMU WALL VERT. REINF. SIZE & SPACING. IF NOT SHOWN, PROVIDE MIN. PER NOTE 10 ABOVE.
4" CONC. SOG T/SLAB +0'-0"	DENOTES SLAB ON GRADE THICKNESS & T/SLAB ELEVATION. ALL SLABS ON GRADE TO BE PLACED ON 6" MIN. COMPACTED GRANULAR FILL & VAPOR BARRIER/RETARDER PER SPECS. PROVIDE THE FOLLOWING WELDED WIRE FABRIC REINFORCING: 4" SLAB: 6x6-W1.4xW1.4 WWF

FRAMING PLAN NOTES

1. REF. S001 & S002 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
2. REF. THE S400 SERIES FOR TYPICAL FRAMING AND MASONRY DETAILS.
3. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
4. ALL ELEVATIONS ARE REFERENCED FROM THE EXISTING FIRST FLOOR FIN. FLOOR ELEVATION +0'-0". VERIFY ELEVATION WITH CIVIL DWGS.
5. ALL WALLS SHALL BE LAID OUT FROM THE ARCHITECTURAL DRAWINGS.
6. REF. ARCH. DRAWINGS. FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
7. COORDINATE EXACT SIZE & LOCATION OF ANY MECHANICAL OPENINGS IN FLOOR SLAB, ROOF DECK, OR WALLS WITH THE MEP CONTRACTOR(S). LOCATION & SIZE OF ALL DUCT OPENINGS, GRILLES, ETC. SHALL BE VERIFIED PRIOR TO CONSTRUCTION.
8. ALL ELEVATIONS SHOWN ON PLAN INDICATE TOP OF STEEL BEAM UNLESS NOTED OTHERWISE.
9. REF. FOUNDATION PLAN NOTES FOR CMU WALL REINFORCING REQUIREMENTS.
10. ALL MASONRY BOND BEAMS, OTHER THAN BOND BEAM LINTELS OVER OPENINGS, SHALL BE "OPEN-CORE" BOND BEAMS TO ALLOW VERTICAL REINFORCING TO PASS THROUGH, UNLESS NOTED OTHERWISE.
11. REF. ARCH. DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.

WOOD PANEL/SHEATHING NOTES

1. All plywood construction shall be in accordance with the American Plywood Association (APA) specification.
2. All roof panel sheathing shall be 5/8" (nom.), APA-rated sheathing. Suitable edge support shall be provided by use of panel clips or blocking between framing unless otherwise noted. Fasten roof sheathing with 8d common nails spaced 6" o.c. at supported edges and 12" o.c. at intermediate supports.
3. All floor sheathing shall be 3/4" nominal - 23/32" actual APA-rated Sturd-I-floor, with tongue-and-groove edges, unless otherwise noted. Fasten floor sheathing with 10d common nails spaced 6" o.c. at supported edges and 12" o.c. at intermediate supports. Field-glue using adhesives meeting APA-specification AFG-01, applied in accordance with the manufacturer's recommendations.
4. The use of heavily loaded drywall carts or similar conveyances to transport building materials and/or debris can exceed the APA PS2 concentrated load test standard capacity. In areas subject to cart traffic, the contractor shall place a temporary second layer of 23/32" dry wood structural panel to help avoid failures of the floor panels. Refer to APA Technical Note TT-024, February 2008.
5. All wall panel sheathing shall be 1/2" (nom.), APA-rated sheathing, unless otherwise indicated. Fasten wall sheathing with 8d common nails spaced 6" o.c. at supported panel and 12" o.c. at intermediate supports, unless otherwise noted in the Shear Wall Schedule.
6. Unless otherwise noted or shown, install plywood sheathing with the long dimension of the panel across supports and with panel continuous over two or more spans. Stagger panel end joints. Allow 1/8" spacing at panel ends and edges unless otherwise recommended by the sheathing manufacturer.
7. All nailing shall be carefully driven and not overdriven. The use of staples and pneumatic nail guns are prohibited from use unless approved. Submit proposed staples and/or pneumatic fasteners for approval prior to construction.
8. All interior walls shall be sheathed on both faces with gyp-board sheathing (see arch. dwgs. for thicknesses) and connected with 5d cooler nails spaced 7" o.c. at supported panel edges and intermediate supports, unless otherwise noted.
9. Provide 2X blocking at unsupported panel edges as follows:
   Roofs and floors - only where indicated on plan
   Walls - per the shearwall schedule

PREFABRICATED WOOD TRUSSES

1. Wood trusses shall be designed by the manufacturer to support the following loads:
   A. Roof Trusses
      Top chord loading:
         Live (snow) load : 22 psf + drift loads
         Dead loads : 12 psf
         Additional 5 psf at overbuild framing areas
      Bottom chord loading:
         Attic live load : 10 psf
         Dead load : 10 psf
2. Wood trusses shall be designed by the manufacturer in accordance with the applicable provisions of the latest edition of the National Design Specification of the National Forest Products Association. The design specification for the metal plate connected wood trusses of the Truss Plate Institute (TPI). Wood Truss Council of America (WTCA) and the Indiana Building Code, 2008.
3. Wood materials shall be Southern Pine, or Douglas Fir-Larch and shall be kiln-dried and used at 19% maximum moisture content. Provide grade no. 2, or as required to satisfy stress requirements.
4. Connector plates shall be not less than 0.036 inches (20 gauge) in coated thickness, shall meet or exceed ASTM Grade A or higher and shall be hot-dipped galvanized according to ASTM A-653 (coating G60). Minimum steel yield stress shall be 33,999 psi.
5. Trusses shall be fabricated in a properly-equipped manufacturing facility of a permanent nature. Trusses shall be manufacture by experienced workmen, using precision cutting, jigging and pressing equipment under the requirements in quality control standard QST-88 of the Truss Plate Institute.
6. Secondary bending stresses in truss top and bottom chords due to dead, live, and wind loads shall be considered in the design. Load duration factors shall be per the "National Design Specification for Wood Construction."
7. All top and bottom chords shall be a minimum of 2x6, with the exception of valley overbuild trusses, cap trusses, and non-spanning gable-end trusses, unless approved by the Structural Engineer of Record.
8. All girder trusses supporting other trusses of 2x framing members shall be a MINIMUM of 2-plies, unless otherwise approved. Refer to the Mfr's Truss Design Drawing for girder ply-to-ply connection requirements. Attach framing members or loads only after all girder plies are in place and properly fastened together, and the girder truss is properly braced to prevent lateral displacement. Refer to BCSI-B9 "Multi-Ply Girders" as published by WTCA and TPI for additional information.
9. Truss-to-girder connection information shall be on the Mfr's Truss Design Drawing of the carried-truss, girder truss, or the Mfr's Truss Placement Drawing. Unless otherwise approved, all joist hangers, strapping, ties, etc. shall be as manufactured by the Simpson Strong Tie Company.
10. Unless otherwise shown or noted, ALL truss bearings shall be anchored using a mechanical fastener. As a minimum, provide H-1 wind/seismic anchors as manufactured by the Simpson Strong Tie Company.
11. Wood trusses shall be erected in accordance with the truss manufacturer's requirements. This work shall be done by a qualified and experienced contractor. Truss erection by an inexperienced or non-qualified contractor can result in construction collapse and/or serious injury damage.
12. The contractor shall provide all temporary and permanent bracing as required for safe erection and performance of the trusses. The guidelines set forth by the following joint publications of the Truss Plate Institute (TPI) and Wood Truss Council of America (WTCA) shall be adhered to unless otherwise noted in the Contract Documents:
    BCSI-B1 GUIDE FOR HANDLING, INSTALLING AND BRACING OF METAL PLATE CONNECTED WOOD TRUSSES.
    BCSI-B2 TRUSS INSTALLATION AND TEMPORARY BRACING.
    BCSI-B3 WEB MEMBER PERMANENT BRACING/WEB REINFORCEMENT
    BCSI-B4 CONSTRUCTION LOADING
    BCSI-B5 TRUSS DAMAGE, JOBSITE MODIFICATIONS AND INSTALLATION ERRORS
    BCSI-B6 GABLE END FRAME BRACING
    BCSI-B7 TEMPORARY AND PERMANENT BRACING FOR PARALLEL CHORD TRUSSES
    BCSI-B8 TOE-NAILING FOR UPLIFT REACTIONS
    BCSI-B9 MULTI-PLY GIRDERS
    BCSI-B10 POST FRAME TRUSS INSTALLATION AND BRACING
    BCSI-B11 FALL PROTECTION AND WOOD TRUSSES
13. Unless otherwise shown or noted, permanent bracing shall consist of 2x4 stress-graded members spanning a minimum of four trusses and nailed at each intersection with a minimum of (2) 16d nails. Lap continuous bracing a minimum of 2'-0" (2 trusses).
14. Refer to Mfr's Truss Design Drawing for web members requiring web member permanent bracing/web reinforcement. Continuous lateral bracing must ALWAYS be diagonally braced for rigidity.
15. Refer to the Truss Bracing Schematics, and the structural framing plan and sections for permanent bracing requirements. Wherever possible, the temporary erection bracing as described in BCSI-B2 shall be left in place to function as permanent bracing.
16. Trusses which are too tall for delivery to the jobsite in one piece may be manufactured in two or more sections and "piggybacked" at the jobsite. The contractor MUST install temporary and permanent bracing for the lower supporting trusses as shown on the Mfr's Truss Design Drawing and/or the Contract Documents BEFORE installing the cap trusses. Provide 2x4 sleepers laid flat on the top chord of the supporting trusses, spaced at 24" on center and nailed to the top chord with a minimum of (2) 16d nails.
17. Truss members and components shall not be cut, notched, drilled nor otherwise altered in any way without the written approval of the Truss Mfr's Engineer (See Specialty Structural Engineer notes).
18. Submit complete shop drawings for all wood trusses showing member sizes, species, grade, moisture content, span, camber, dimensions, chord pitch, bracing requirements and loading. Shop drawings shall be submitted to the Engineer and shall bear the seal of a Professional Engineer registered in Indiana.

WOOD FRAMING NOTES

1. For wood connections not specifically noted or detailed, follow the requirements of IBC 2006 Table 2304.9.1 or ESR 1539.
2. All nails are common nails unless noted otherwise. All nails shall be carefully driven and not overdriven. Submit all proposed fasteners for approval prior to construction. Installation of all fasteners shall meet the requirements of NDS and ISANTA guidelines, including those in ESR 1539, and Section 2303.6 of the IBC.
3. All nails are common nails unless noted otherwise. All nails shall be carefully driven and not overdriven. Submit all proposed fasteners for approval prior to construction. Installation of all fasteners shall meet the requirements of NDS and ISANTA guidelines, including those in ESR 1539, and Section 2303.6 of the IBC.
4. Wall studs and plates are to be #1 or #2 Spruce-Pine-Fir (SPF) with stud spacing 16" o/c maximum. If not shown otherwise, bearing wall headers are to be #2 Southern Pine (SYP).
5. At the contractor's discretion, studs in non-load bearing interior walls may be premium stud grade spaced at 16" o.c. on all levels.
6. Fasten double (DBL) studs together with 0.131" x 3" nails at 6" o.c. unless noted otherwise. For more than two studs, fasten in the same way, nailing as each stud is added.
7. See the header schedule for all header sizes and materials. All headers in non-load-bearing interior walls are to be (2) 2x4 #2 SPF for openings up to 4'-0" and (2) 2x6 #2 SPF for openings over 4'-0". All headers in non-load-bearing walls to have (1) jack stud at each end.
8. Use double top plates on all walls, including non-load-bearing walls, with all splices and corners lapped. At "T" intersections do not lap top plate of intersecting wall cutting the top plate of the continuous wall, rather use a metal tie plate as described in the exception to Section 2308.9.2.1 of the IBC.
9. Unless otherwise noted on plan or detail, anchor wall plates to foundations and/or supporting structure using Simpson Strong Tie Titen HD Heavy Duty Screw Anchors, 5/8" diameter with minimum 5" embedment. Space anchors at 48" o.c. for load-bearing and non-load-bearing walls.
10. Coordinate final floor and roof framing including joist or truss layout & truss member configuration with Mechanical, Electrical, & Plumbing (MEP) drawings. Obtain additional MEP information as needed for complete coordination. Keep all mechanical chases free of framing. Do not locate joists or trusses at parallel plumbing walls.
11. Design roof joists or trusses to support the weight of snow drifting where it applies, as well as rooftop mechanical units, exhaust fans, access hatches, etc. Confirm weights & locations before final design and show the loads for these units/fixtures on the sealed drawings. The Contractor shall ensure the units are installed at their design locations.
12. Where framing supported by a joist or truss can cause uplift on that joist or truss (such as at cantilevered balcony framing) the designer shall consider a load case that maximizes the uplift load in combination with no live load applied to the joist or truss supporting the uplift.
13. All hardware to be Simpson Strong Tie or approved equal. Where hardware is not specifically designated, submit proposed hardware for approval. Where more than one type of fastener or fastener pattern is allowed by the hardware manufacturer, hardware fasteners are to be of the type, size, and quantity to maximize the load capacity of the hardware in the specific application shown on these plans, unless noted otherwise.
14. Where a wood-framed wall backs up a non-structural masonry veneer, ties must be fastened to the wood framing members using screws meeting the requirements of the tie manufacturer. Where the tie manufacturer allows the use of nails, ring shank nails must be used. Smooth shank nails may never be used to attach masonry ties to wood framing.
15. Reference the Architectural Plans for layout of all walls, openings, wall types, etc. Verify all dimensions prior to design of wall panels & immediately notify the Architect and Engineer of any discrepancies.
16. Where a Specialty Structural Engineer (SSE) designs framing (such as trusses), the roof designer shall provide the Wall Panel Designer the loads/reactions and locations of all girder or beam bearing points. The Wall Panel Designer shall specify and the Wall Panel Manufacturer shall install sufficient columns/studs to support all such loads from the girder or beam bearing location down to the supporting foundation or podium framing. The Contractor shall ensure the presence of such columns/studs. Similarly, where walls are field-framed, the Framing Contractor shall install the columns/studs for support of girders and beams. As a minimum, the number of studs shown on the plans shall be used, with a minimum of (2) 2x6 or (3) 2x4 studs.
17. At bearing walls, blocking must be added in the floor system to create continuity of all shear wall chord studs, posts and columns, jack/king studs at headers, etc. Such blocking shall be part of the sheathed shear blocking panels, or knee walls where they are used.

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM NO. 05	08/09/2024

ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JAW	MDL

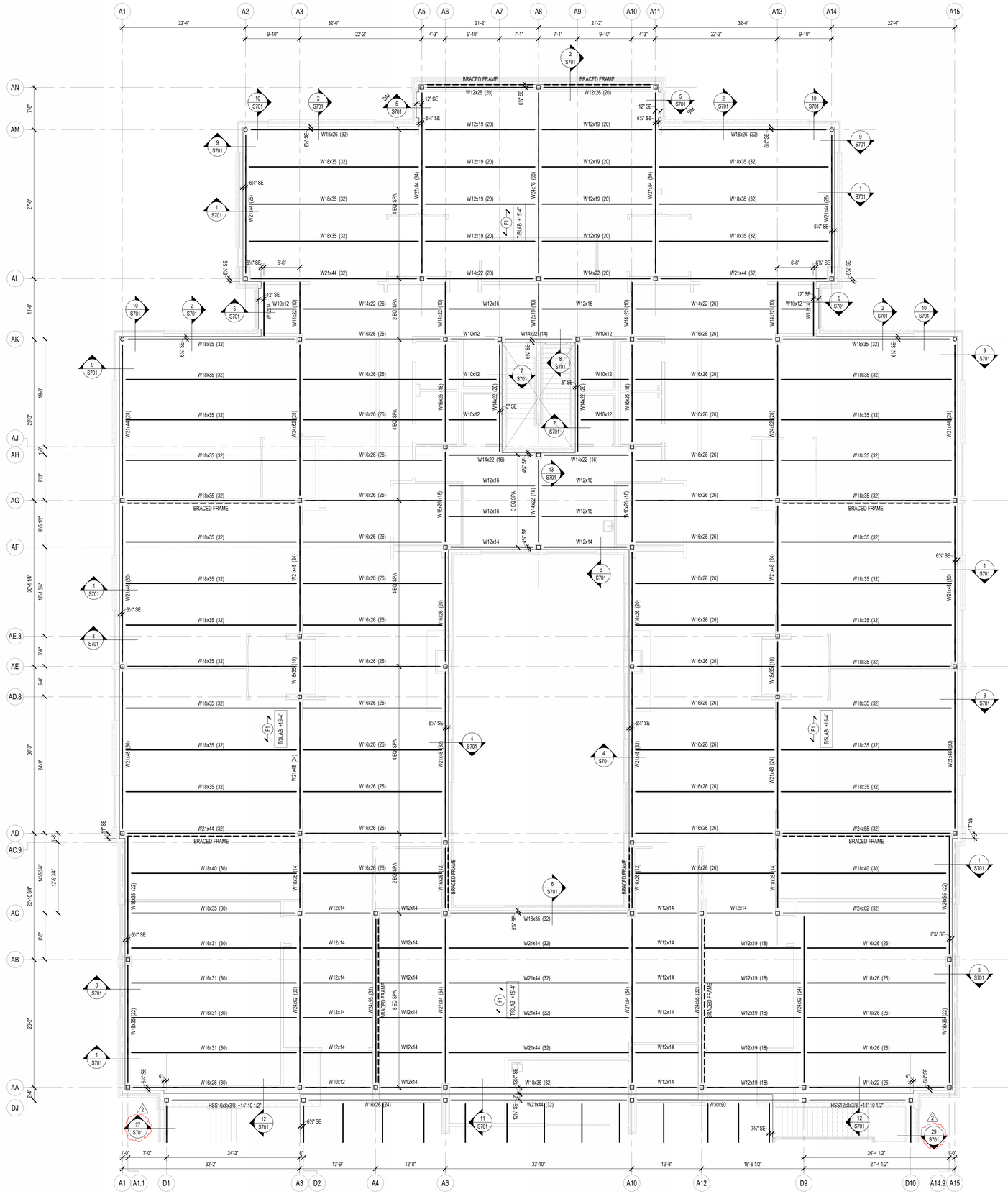
DRAWING TITLE:
OUTBUILDING
1 PLANS & DETAILS (ALTERNATE)

CERTIFIED BY:



DRAWING NUMBER
S201SB

PROJECT NUMBER
2023061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AN AM AL AK AJ AH AG AF AE.3 AE AD.8 AD AC.9 AC AB AA DJ
7'-8" 27'-0" 11'-2" 29'-9" 5'-0" 6'-3" 6'-2" 30'-1 1/4" 19'-1" 5'-6" 5'-6" 30'-3" 24'-9" 5'-0" 14'-5 3/4" 12'-9 3/4" 22'-10 3/4" 8'-0" 23'-2" 7'-4"
BRACED FRAME
W12x26 (20)
W12x19 (20)
W16x26 (32)
W18x35 (32)
W21x44 (32)
W14x22 (20)
W12x16
W10x12
W14x22 (14)
W14x22 (16)
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W12x14
W16x26 (24)
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W30x90
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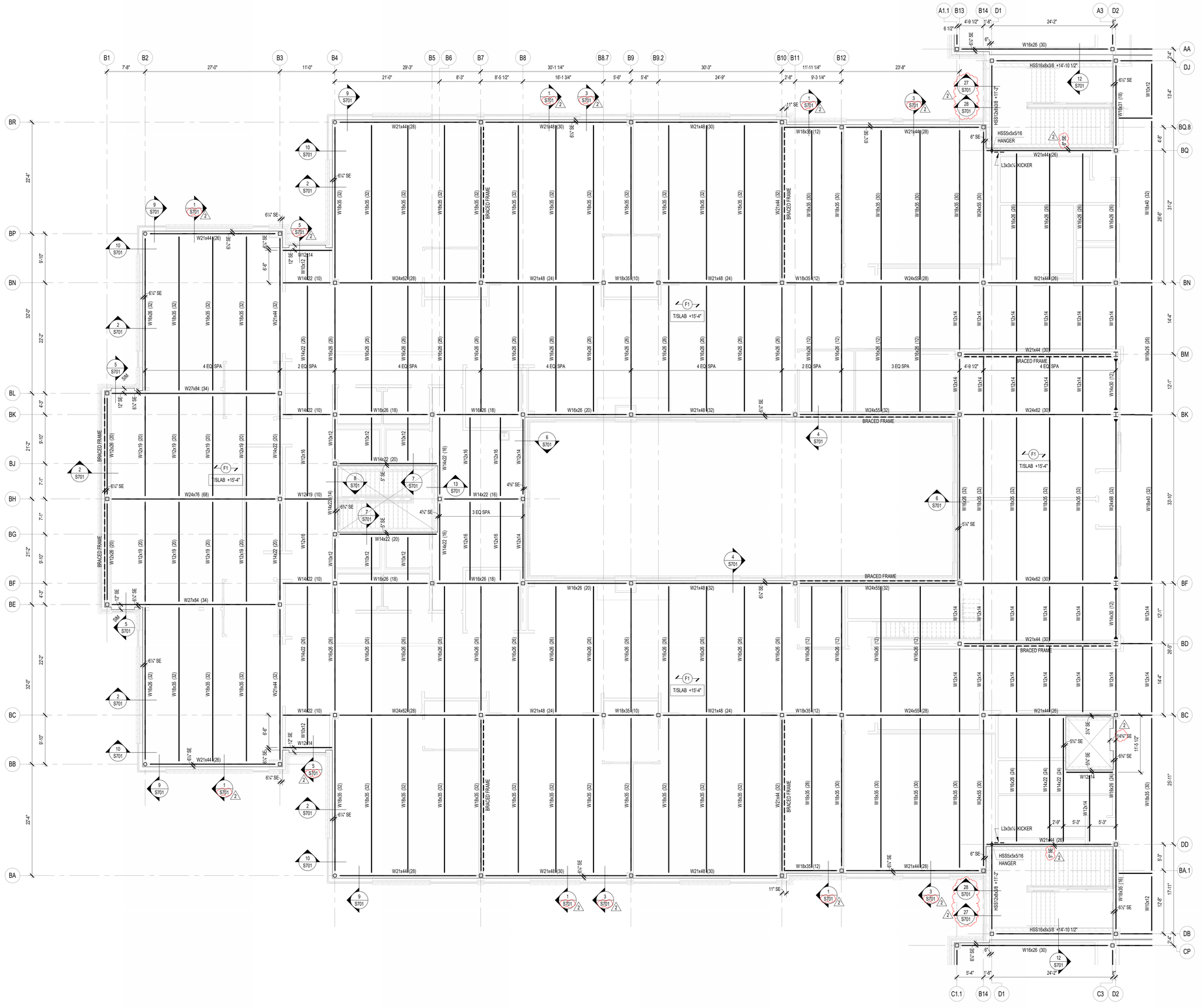
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BR BP BN BL BK BJ BH BG BF BE BC BB BA
AA DJ BQ.8 BQ BN BM BK DD BA.1 DB CP BF BD BC
7'-8" 27'-0" 11'-0" 29'-3" 8'-3" 8'-5 1/2" 16'-1 3/4" 5'-6" 5'-6" 24'-9" 7'-8" 9'-3 1/4" 11'-11 1/4" 23'-8" 6 1/2" 4'-9 1/2" 1'-8" 24'-2" 8"
22'-4" 9'-10" 32'-0" 22'-2" 21'-2" 9'-10" 7'-1" 6'-3" 21'-2" 9'-10" 7'-1" 6'-3" 32'-0" 22'-2" 22'-4"
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W21x44 (28) W21x48 (30) W18x35 (12) W21x44 (26) W16x26 (30) HSS10x8x3/8 +14'-10 1/2" W15x31 (18) W10x12
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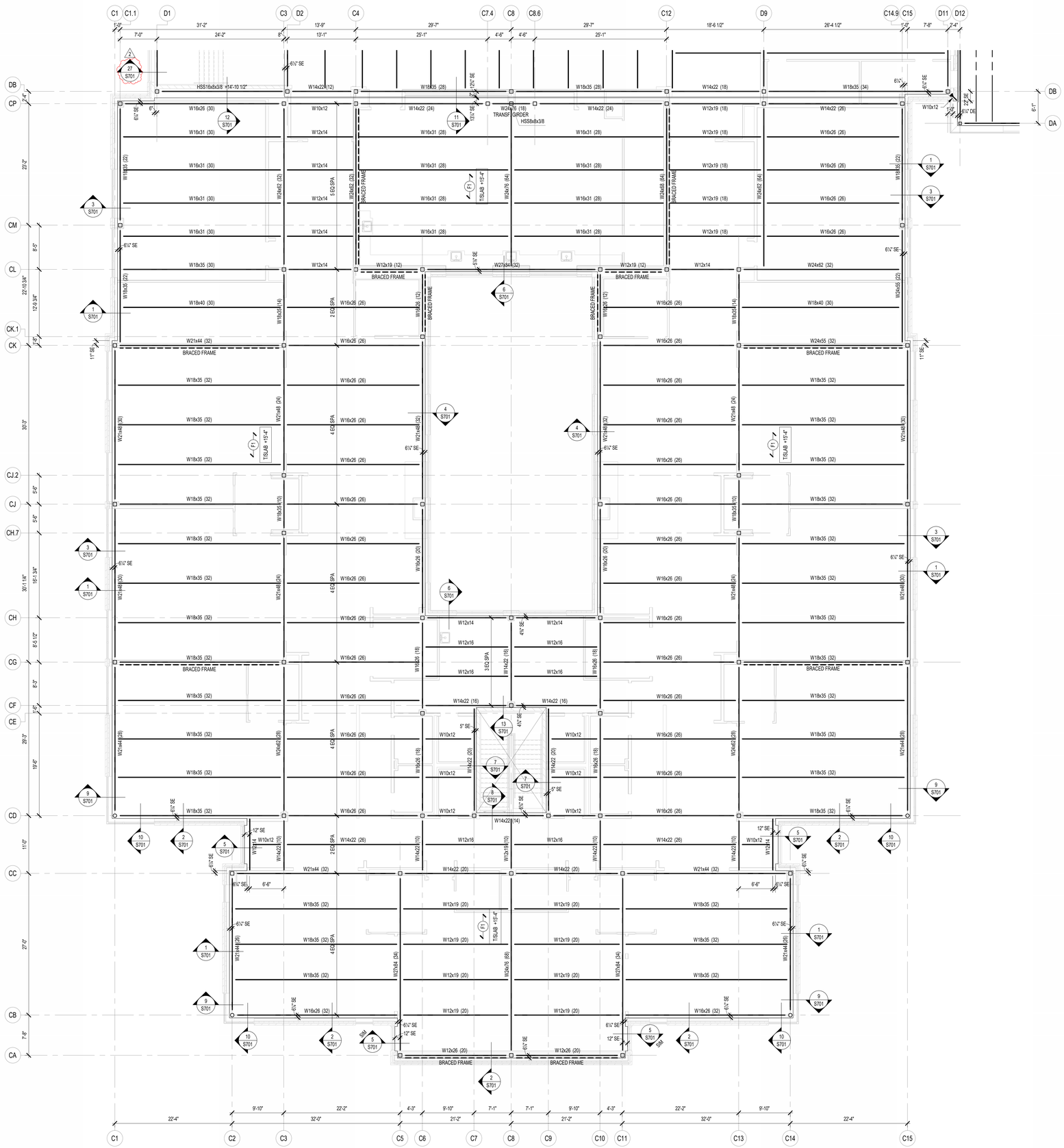
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7'-0" 24'-2" 13'-1" 25'-1" 25'-1"
DB CP CM CL CK.1 CK CJ.2 CJ CH.7 CH CG CF CE CD CC CB CA DA
2'-4" 23'-2" 8'-5" 22'-10 3/4" 12'-9 3/4" 1'-6" 5'-6" 5'-6" 30'-3" 30'-1 1/4" 16'-1 3/4" 8'-5 1/2" 8'-3" 5'-6" 29'-3" 19'-6" 11'-0" 27'-0" 7'-8"
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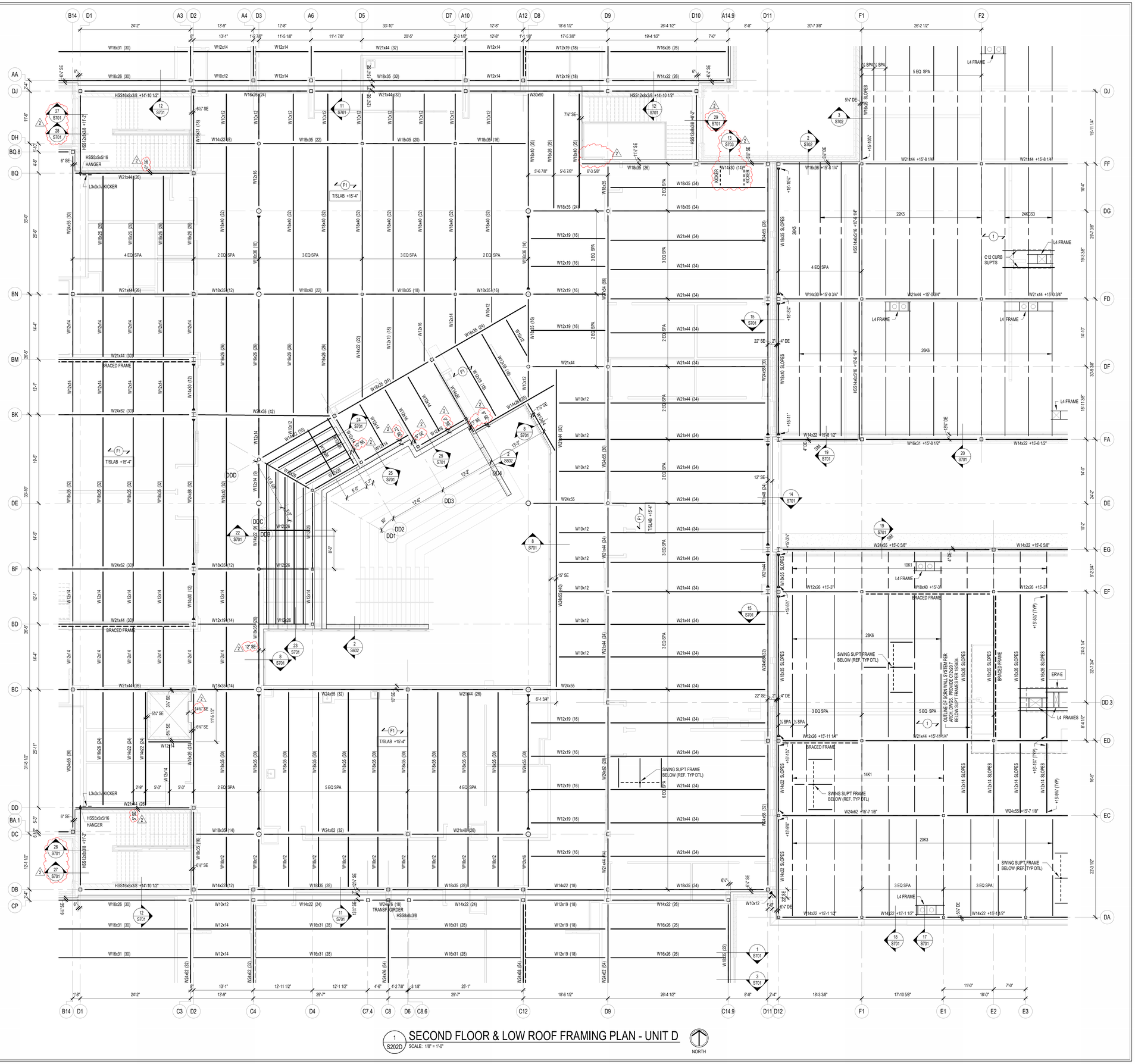


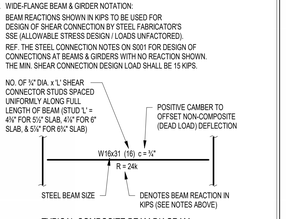
FRAMING PLAN NOTES

1. REF. S001 & S002 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
2. REF. THE S400 SERIES FOR TYPICAL FRAMING AND MASONRY DETAILS.
3. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
4. ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +0'-0" (USGS 924.00). VERIFY USGS ELEVATION WITH CIVIL DWGS.
5. ALL WALLS SHALL BE LAID OUT FROM THE ARCHITECTURAL DRAWINGS.
6. REF. ARCH. DRAWINGS. FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
7. COORDINATE EXACT SIZE & LOCATION OF ANY MECHANICAL OPENINGS IN FLOOR SLAB, ROOF DECK, OR WALLS WITH THE MEP CONTRACTOR(S). LOCATION & SIZE OF ALL DUCT OPENINGS, GRILLES, ETC. SHALL BE VERIFIED PRIOR TO CONSTRUCTION.
8. ALL ELEVATIONS SHOWN ON PLAN INDICATE TOP OF STEEL BEAM UNLESS NOTED OTHERWISE.
9. PROVIDE CHANNEL FRAMES AT ALL SUPPORTED SLAB OPENINGS PER TYPICAL DETAIL ON S404. COORDINATE EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DRAWINGS.
10. PROVIDE FRAMES AT ALL ROOF DRAINS, ROOF HATCHES & OTHER ROOF OPENINGS PER TYPICAL DETAILS ON S404. COORD. EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DWGS.
11. REF. FOUNDATION PLAN NOTES FOR CMU WALL REINFORCING REQUIREMENTS.
12. ALL MASONRY BOND BEAMS, OTHER THAN BOND BEAM LINTELS OVER OPENINGS, SHALL BE "OPEN-CORE" BOND BEAMS TO ALLOW VERTICAL REINFORCING TO PASS THROUGH, UNLESS NOTED OTHERWISE.
13. REF. ARCH. DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.
14. ALL HORIZONTAL AND DIAGONAL BRIDGING FOR STEEL JOISTS SHALL BE DESIGNED, LOCATED & PROVIDED BY THE JOIST SUPPLIER PER SJI SPECIFICATIONS.
15. FOR ESTIMATING AND BIDDING PURPOSES ONLY, ASSUME AN ADDITIONAL 1/2" THICKNESS OF CONCRETE WILL BE NECESSARY FOR ALL ELEVATED SLABS ON METAL DECK. THE INTENT OF THIS REQUIREMENT IS TO ACCOUNT FOR ANTICIPATED DEAD LOAD DEFLECTIONS IN THE SUPPORTING STRUCTURE. THE FINISHED SLAB SHALL MEET THE FLATNESS REQUIREMENTS DEFINED IN THE SPECIFICATION.
16. PLAN LEGEND:

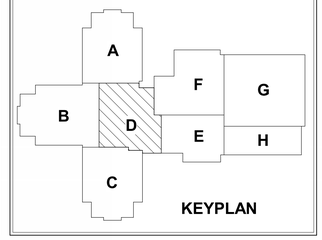
FF.	DENOTES FIN. FLOOR
T/X"	DENOTES TOP OF STEEL, SLAB, ETC.
B/X"	DENOTES BOTTOM OF LINTEL, ETC.
SE	DENOTES SLAB EDGE DIMENSION MEASURED FROM BEAM OR COLUMN CENTERLINE
DE	DENOTES DECK EDGE ANGLE DIMENSION MEASURED FROM BEAM OR COLUMN CENTERLINE
BP	DENOTES BEAM BEARING PLATE ON CMU WALL
F1	DENOTES 2", 20 GA. GALVANIZED COMPOSITE DECK w/ 3½" NW CONC SLAB w/ 6x6-W2.1xW2.1 WWF, TOTAL T = 5½". REF. DETAIL 1/S404.
F2	DENOTES 2", 20 GA. GALVANIZED COMPOSITE DECK w/ 4½" NW CONC SLAB w/ 6x6-W2.9xW2.9 WWF, TOTAL T = 6½". REF. DETAIL 2/S404.
F3	DENOTES 2", 20 GA. GALVANIZED COMPOSITE DECK w/ 4" NW CONC SLAB w/ #4@12" OC EW ON 1" SUPPORTS + FIBERFORCE 850 FIBER REINF. BLEND @ 24 LB/CY. TOTAL T = 6". REF. DETAIL 3/S404.
1	DENOTES 1½", 20 GA. GALVANIZED & PRIME-PAINTED WIDE RIB STEEL ROOF DECK. REF. DETAIL 4/S404.
2	DENOTES 2", 20 GA. GALVANIZED & PRIME-PAINTED DOVETAIL STEEL ROOF DECK. REF. DETAIL 1/S406.
2A	DENOTES 2", 18 GA. GALVANIZED & PRIME-PAINTED DOVETAIL ACOUSTICAL STEEL ROOF DECK w/INSULATION, MIN. NRC = 0.90. REF. DETAIL 2/S406.
3	DENOTES 3", 20 GA. GALVANIZED & PRIME-PAINTED DEEP-RIB STEEL ROOF DECK. REF. DETAIL 5/S404.
3.5	DENOTES 3½", 20 GA. GALVANIZED & PRIME-PAINTED DOVETAIL STEEL ROOF DECK. REF. DETAIL 3/S406.
	DENOTES BEAM-TO-COLUMN MOMENT CONNECTION. REF. DETAILS ON S405.
	DENOTES BEAM-THRU-BEAM MOMENT CONNECTION. REF. DETAILS ON S406.
	DENOTES BRACED FRAME OR KICKER LOCATION
	DENOTES APPROX. LOCATION OF OPENING IN DECK/SLAB. REF. DETAILS ON S404 FOR TYPICAL OPENING FRAMES.

17. WIDE-FLANGE BEAM & GIRDER NOTATION:
BEAM REACTIONS SHOWN IN KIPS TO BE USED FOR DESIGN OF SHEAR CONNECTION BY STEEL FABRICATOR'S SSE (ALLOWABLE STRESS DESIGN / LOADS UNFACTORED).
REF. THE STEEL CONNECTION NOTES ON S001 FOR DESIGN OF CONNECTIONS AT BEAMS & GIRDERS WITH NO REACTION SHOWN.
THE MIN. SHEAR CONNECTION DESIGN LOAD SHALL BE 15 KIPS.

NO. OF ½" DIA. x 'L' SHEAR CONNECTOR STUDS SPACED UNIFORMLY ALONG FULL LENGTH OF BEAM (STUD 'L' = 4½" FOR 5½" SLAB, 4¼" FOR 6" SLAB, & 5¼" FOR 6½" SLAB)



TYPICAL COMPOSITE BEAM DIAGRAM



KEYPLAN

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550 Virginia Avenue
Indianapolis, IN 46203

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
17707 CENTENNIAL RD, WESTFIELD, IN 46074

BID DOCUMENTS

SCOPE DRAWINGS:
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REVISIONS:

1	ADDENDUM NO. 05	08/09/2024
2	ADDENDUM NO. 06	08/16/2024

ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRV	MDL

DRAWING TITLE:
SECOND FLOOR & LOW ROOF FRAMING PLAN - UNIT D

CERTIFIED BY:
MARK D. LAMER
REGISTERED
PE19400114
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
S202D

PROJECT NUMBER
2023061


F2 E2 E4 E7 F6 E11 F8 E12 E17 F9 F11 F12 F13 G1
20'-1" 28'-5" 13'-0 3/4" 24'-7 1/8" 32'-8 5/8" 32'-8 5/8" 19'-2 3/8"
3'-8 1/8" 17'-4 7/8" 12'-8 3/8" 11'-10 3/4" 1'-5" 29'-3 1/4" 2'-0 3/8" 27'-2 5/8" 5'-6" 7'-1 5/8"
FA EG EF ED EC EB DA EA
FC FB GE EG EF GA HG EE ED HE EC HD EB HC HB HA.9 HA
E1 E3 E5 E6 E7 E9 E10 E13 E14 E15 E16 E18 E19 EDA E19.5 E20 H1 ED1
W16x31 +15'-8 1/2"
W14x22 +15'-8 1/2"
W18x35 +15'-8 1/2"
W16x26 +15'-8 1/8"
W16x26 (24)
W21x44 (32)
W21x48
L4 FRAME
15'0" DE
8'0" DE
4'0" DE
+15'-11"
+15'-10⅝"
4½" SE
3½" SE
4½" SE
11"
W18x36 LINTEL w/ BOT PL 1x11
W16x36 LINTEL
HSS14x5/16 +20'-5"
OFFSET STIFFD SEAT CONN. @ COL
W12x14 SLOPES
W24x55 +15'-0 5/8"
W14x22 +15'-0 5/8"
W16x26 +15'-0 5/8"
W18x35 +15'-0 5/8"
W24x62 +15'-3"
W18x40 +15'-3"
W12x26 +15'-3"
W21x44 +15'-3"
W18x35 +15'-3"
5 EQ SPA
BRACED FRAME
+15'-5½" (TYP)
W21x44 +15'-11 1/4"
W24x55 +16'-0 3/4"
W12x26 +15'-11 1/4"
W18x35 +15'-11 1/4"
W24x68 +15'-11 1/4"
28K6
14K1
16K3
W18x35 SLOPES
W12x14 SLOPES
ERV-E
C12 CURB SUPTS
OUTLINE OF SCRN WALL SYSTEM PER SCRN WALL DETAIL 3/S403 BELOW SUPT FRAMES PER 1/S304.
3 EQ SPA
5 EQ SPA
6 EQ SPA
L4 FRAMES
W24x55 +15'-7 1/8"
W12x26 +15'-7 1/8"
W18x35 +15'-7 1/8"
W21x44 SLOPES
+15'-6¼"
HSS8x6x3/8 +13'-8"
HSS6x6x3/8 +11'-7"
HSS8x6x3/8 +13'-8"
HSS6x6x3/8 +10'-7"
20K3
SWING SUPT FRAME BELOW (REF TYP DTL)
3 EQ SPA
W14x22 +15'-1 1/2"
W14x22 +15'-11/2"
W14x22 +15'-11/2"
5'-0" DE
W14x30 +15'-2 1/8"
W12x26 +15'-2 1/8"
W14x30 SLOPES
W12x26 SLOPES
W18x35 +15'-3"
4 EQ SPA
BRACED FRAME
HSS6x6x¼ STUB
W14x22 SLOPES
W14x43 SLOPES
16KCS2
16KCS3
20KCS2
20KCS3
W14x22 +15'-6 3/4"
W14x22 SLOPES
+15'-6½"
+15'-5⅝"
+15'-7⅛"
+15'-8⅝"
+15'-9⅛"
+15'-11"
+15'-2⅛"
+15'-3½"
+15'-4⅜"
+15'-4¾"
+15'-5½"
+15'-9⅝"
+15'-10⅜"
+15'-10¾"
+15'-11⅜"
+16'-0"
+16'-0⅜"
+16'-0¾"
+16'-1⅜"
+16'-1¾"
+16'-2⅜"
+16'-2¾"
+16'-3⅜"
+16'-3¾"
+16'-4⅜"
+16'-4¾"
+16'-5⅜"
+16'-5¾"
+16'-6⅜"
+16'-6¾"
+16'-7⅜"
+16'-7¾"
+16'-8⅜"
+16'-8¾"
+16'-9⅜"
+16'-9¾"
+16'-10⅜"
+16'-10¾"
+16'-11⅜"
+16'-11¾"
+17'-0⅜"
+17'-0¾"
+17'-1⅜"
+17'-1¾"
+17'-2⅜"
+17'-2¾"
+17'-3⅜"
+17'-3¾"
+17'-4⅜"
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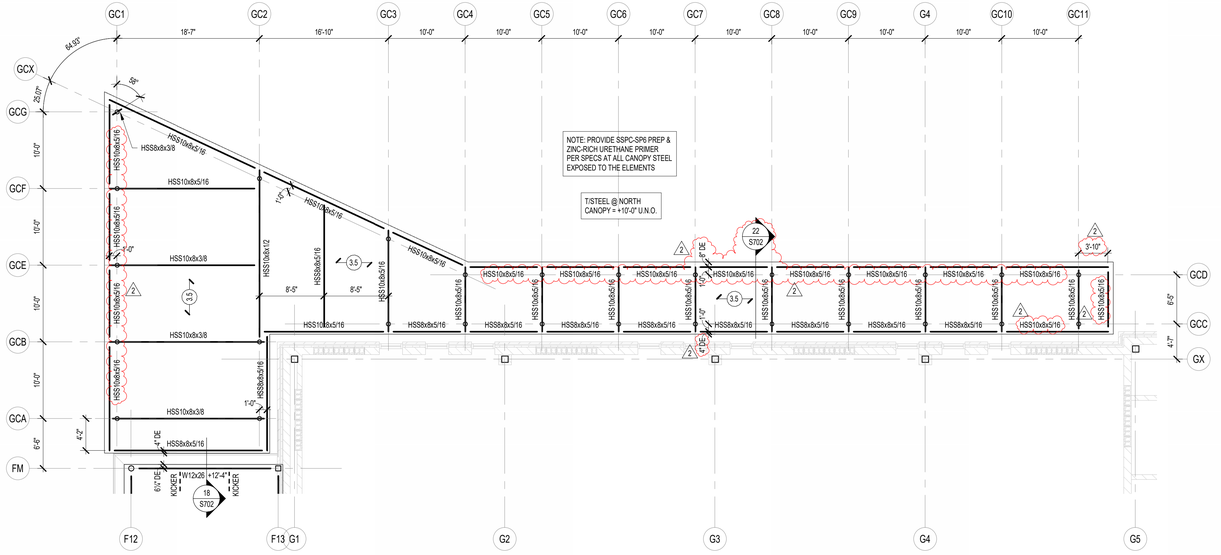
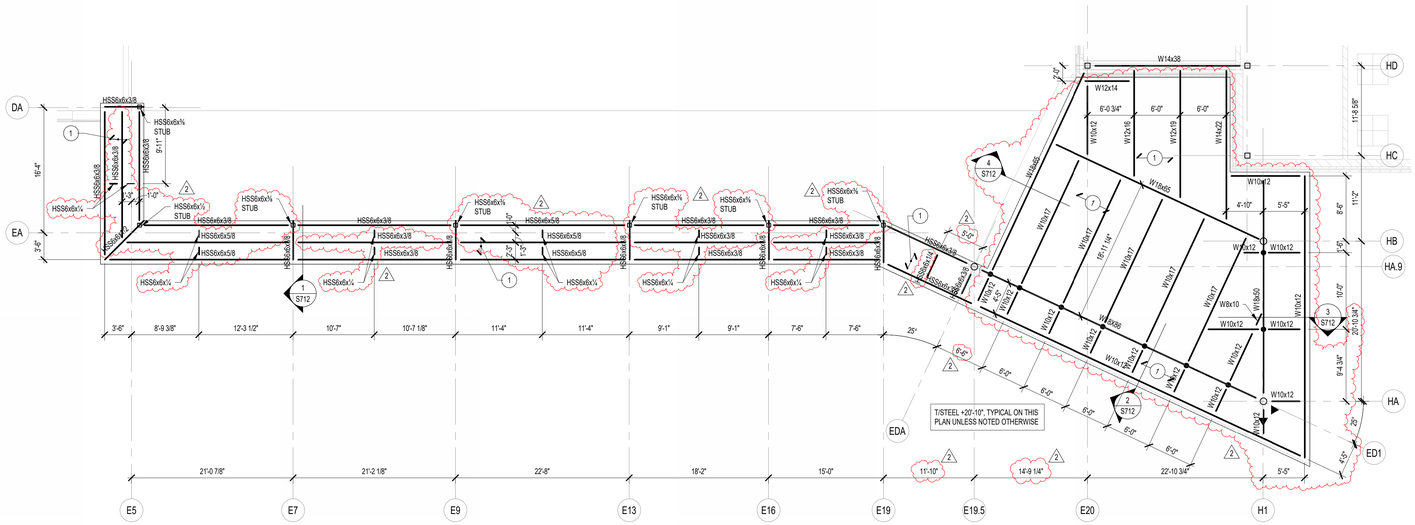
+17'-7¾"



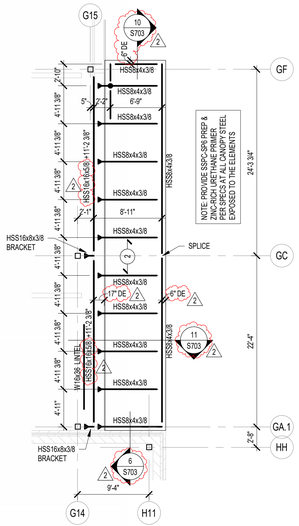
1 S202EFG CANOPY ROOF FRAMING PLAN - UNIT G NORTH

SCALE: 1/8" = 1'-0"



2 S202EFG CANOPY ROOF FRAMING PLAN - UNIT E

SCALE: 1/8" = 1'-0"



3 S202EFG CANOPY ROOF FRAMING PLAN - UNIT G EAST

SCALE: 1/8" = 1'-0"

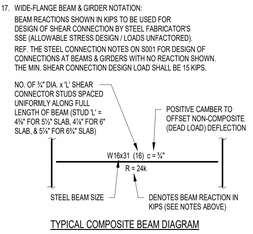
FRAMING PLAN NOTES

1. REF. S001 & S002 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
2. REF. THE S400 SERIES FOR TYPICAL FRAMING AND MASONRY DETAILS.
3. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
4. ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +0'-0" (USGS 924.00). VERIFY USGS ELEVATION WITH CIVIL DWGS.
5. ALL WALLS SHALL BE LAID OUT FROM THE ARCHITECTURAL DRAWINGS.
6. REF. ARCH. DRAWINGS. FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
7. COORDINATE EXACT SIZE & LOCATION OF ANY MECHANICAL OPENINGS IN FLOOR SLAB, ROOF DECK, OR WALLS WITH THE MEP CONTRACTOR(S). LOCATION & SIZE OF ALL DUCT OPENINGS, GRILLES, ETC. SHALL BE VERIFIED PRIOR TO CONSTRUCTION.
8. ALL ELEVATIONS SHOWN ON PLAN INDICATE TOP OF STEEL BEAM UNLESS NOTED OTHERWISE.
9. PROVIDE CHANNEL FRAMES AT ALL SUPPORTED SLAB OPENINGS PER TYPICAL DETAIL ON S404. COORDINATE EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DRAWINGS.
10. PROVIDE FRAMES AT ALL ROOF DRAINS, ROOF HATCHES & OTHER ROOF OPENINGS PER TYPICAL DETAILS ON S404. COORD. EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DWGS.
11. REF. FOUNDATION PLAN NOTES FOR CMU WALL REINFORCING REQUIREMENTS.
12. ALL MASONRY BOND BEAMS, OTHER THAN BOND BEAM LINTELS OVER OPENINGS, SHALL BE "OPEN-CORE" BOND BEAMS TO ALLOW VERTICAL REINFORCING TO PASS THROUGH, UNLESS NOTED OTHERWISE.
13. REF. ARCH. DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.
14. ALL HORIZONTAL AND DIAGONAL BRIDGING FOR STEEL JOISTS SHALL BE DESIGNED, LOCATED & PROVIDED BY THE JOIST SUPPLIER PER SJI SPECIFICATIONS.
15. FOR ESTIMATING AND BIDDING PURPOSES ONLY, ASSUME AN ADDITIONAL 1/2" THICKNESS OF CONCRETE WILL BE NECESSARY FOR ALL ELEVATED SLABS ON METAL DECK. THE INTENT OF THIS REQUIREMENT IS TO ACCOUNT FOR ANTICIPATED DEAD LOAD DEFLECTIONS IN THE SUPPORTING STRUCTURE. THE FINISHED SLAB SHALL MEET THE FLATNESS REQUIREMENTS DEFINED IN THE SPECIFICATION.
16. PLAN LEGEND:

FF	DENOTES FIN. FLOOR
T/"X"	DENOTES TOP OF STEEL, SLAB, ETC.
B/"X"	DENOTES BOTTOM OF LINTEL, ETC.
SE	DENOTES SLAB EDGE DIMENSION MEASURED FROM BEAM OR COLUMN CENTERLINE
DE	DENOTES DECK EDGE ANGLE DIMENSION MEASURED FROM BEAM OR COLUMN CENTERLINE
BP	DENOTES BEAM BEARING PLATE ON CMU WALL
F1	DENOTES 2", 20 GA. GALVANIZED COMPOSITE DECK w/ 3½" NW CONC SLAB w/ 6x6-W2.1xW2.1 WWF, TOTAL T = 5½". REF. DETAIL 1/S404.
F2	DENOTES 2", 20 GA. GALVANIZED COMPOSITE DECK w/ 4½" NW CONC SLAB w/ 6x6-W2.9xW2.9 WWF, TOTAL T = 6½". REF. DETAIL 2/S404.
F3	DENOTES 2", 20 GA. GALVANIZED COMPOSITE DECK w/ 4" NW CONC SLAB w/ #4@12" OC EW ON 1" SUPPORTS + FIBERFORCE 650 FIBER REINF. BLEND @ 24 LB/CY. TOTAL T = 6". REF. DETAIL 3/S404.
1	DENOTES 1½", 20 GA. GALVANIZED & PRIME-PAINTED WIDE RIB STEEL ROOF DECK. REF. DETAIL 4/S404.
2	DENOTES 2", 20 GA. GALVANIZED & PRIME-PAINTED DOVETAIL STEEL ROOF DECK. REF. DETAIL 1/S406.
2A	DENOTES 2", 18 GA. GALVANIZED & PRIME-PAINTED DOVETAIL ACOUSTICAL STEEL ROOF DECK w/INSULATION, MIN. NRC = 0.90. REF. DETAIL 2/S406.
3	DENOTES 3", 20 GA. GALVANIZED & PRIME-PAINTED DEEP-RIB STEEL ROOF DECK. REF. DETAIL 5/S404.
3.5	DENOTES 3½", 20 GA. GALVANIZED & PRIME-PAINTED DOVETAIL STEEL ROOF DECK. REF. DETAIL 3/S406.
	DENOTES BEAM-TO-COLUMN MOMENT CONNECTION. REF. DETAILS ON S405.
	DENOTES BEAM-THRU-BEAM MOMENT CONNECTION. REF. DETAILS ON S405.
	DENOTES BRACED FRAME OR KICKER LOCATION
	DENOTES APPROX. LOCATION OF OPENING IN DECK/SLAB. REF. DETAILS ON S404 FOR TYPICAL OPENING FRAMES.

17. WIDE-FLANGE BEAM & GIRDER NOTATION:

BEAM REACTIONS SHOWN IN KIPS TO BE USED FOR DESIGN OF SHEAR CONNECTION BY STEEL FABRICATOR'S SSE (ALLOWABLE STRESS DESIGN / LOADS UNFACTORED).
REF. THE STEEL CONNECTION NOTES ON S001 FOR DESIGN OF CONNECTIONS AT BEAMS & GIRDERS WITH NO REACTION SHOWN. THE MIN. SHEAR CONNECTION DESIGN LOAD SHALL BE 15 KIPS.



TYPICAL COMPOSITE BEAM DIAGRAM

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Lynch, Harrison & Brumleve, Inc.
P 317.423.1550
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550 Virginia Avenue
Indianapolis, IN 46203

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of materials and systems to be incorporated therein.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the construction of the project.
On the basis of the general scope indicated or described the trade contractors shall furnish all items required for the proper execution and completion of the work.

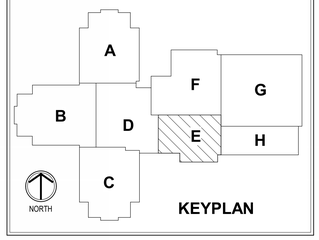
REVISIONS:

1	ADDENDUM NO. 05	08/09/2024
2	ADDENDUM NO. 06	08/16/2024

ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRV/JRO/MDL	MDL

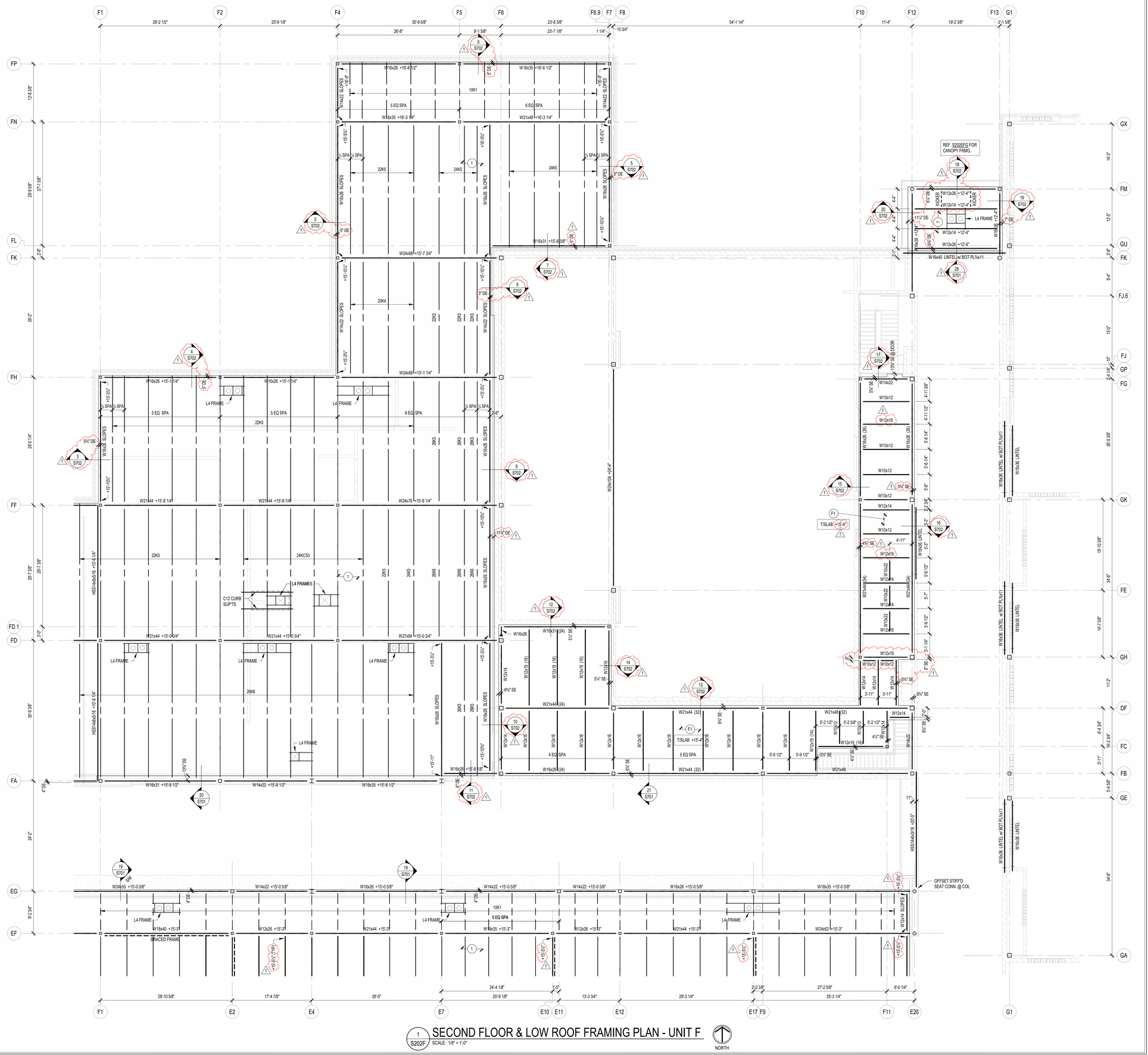
DRAWING TITLE:
CANOPY FRAMING PLANS

CERTIFIED BY:
MARK D. LAWLER
PE19400114
STATE OF INDIANA
PROFESSIONAL ENGINEER



DRAWING NUMBER
S202EFG

PROJECT NUMBER
2023061


F1
F2
F4
F5
F6
F6.9
F7
F8
F10
F12
F13
G1
FP
FN
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FH
FF
FD.1
FD
FA
EG
EF
GX
FM
GU
FK
FJ.6
FJ
GP
FG
GK
FE
GH
DF
FC
FB
GE
GA
W16x26 +16'-6 1/2"
W18x35 +16'-6 1/2"
W16x26 +15'-1 1/4"
W18x35 +15'-3 3/4"
W21x48 +15'-3 1/4"
W24x68 +15'-7 3/4"
W18x31 +15'-8 3/8"
W21x44 +15'-8 1/4"
W24x76 +15'-8 1/4"
W24x104 +24'-4"
W21x44 +15'-0 3/4"
W27x84 +15'-0 3/4"
W16x31 +15'-8 1/2"
W14x22 +15'-8 1/2"
W18x35 +15'-8 1/2"
W24x55 +15'-0 5/8"
W14x22 +15'-0 5/8"
W16x26 +15'-0 5/8"
W18x26 +15'-0 5/8"
W18x35 +15'-0 5/8"
W21x44 +15'-3"
W24x62 +15'-3"
W18x40 +15'-3"
W12x26 +15'-3"
HSS14x6x5/16 +15'-6 1/4"
HSS14x6x5/16 +19'-6 1/4"
HSS14x6x5/16 +20'-5"
W16x26 LINTEL w/ BOT PLTx11
W16x36 LINTEL
W16x36 LINTEL w/ BOT PLTx11
W16x40 LINTEL w/ BOT PLTx11
REF. S202EFG FOR CANOPY FRMG.
L4 FRAME
L4 FRAMES
C12 CURB SUPTS
BRACED FRAME
KICKER
OFFSET STIFF'D SEAT CONN. @ COL
10K1
22K5
24K5
24KS
20K4
24KCS3
20K6
26K5
26K6
26K8
5 EQ SPA
6 EQ SPA
4 EQ SPA
W16x26 SLOPES
W14x22 SLOPES
W18x26 SLOPES
W18x35 SLOPES
W12x14 SLOPES
W12x16 SLOPES
W12x19 SLOPES
W12x22 SLOPES
W12x26 SLOPES
W12x30 SLOPES
W12x36 SLOPES
W12x40 SLOPES
W10x12 SLOPES
W10x14 SLOPES
W10x19 SLOPES
W10x22 SLOPES
W10x26 SLOPES
W10x30 SLOPES
W10x33 SLOPES
W10x39 SLOPES
W10x45 SLOPES
W10x49 SLOPES
W10x54 SLOPES
W10x60 SLOPES
W10x68 SLOPES
W10x77 SLOPES
W10x88 SLOPES
W10x100 SLOPES
W10x112 SLOPES
W8x24 SLOPES
W8x28 SLOPES
W8x31 SLOPES
W8x35 SLOPES
W8x40 SLOPES
W8x48 SLOPES
W8x58 SLOPES
W8x67 SLOPES
W8x10 SLOPES
W8x13 SLOPES
W8x15 SLOPES
W8x18 SLOPES
W8x21 SLOPES
W6x9 SLOPES
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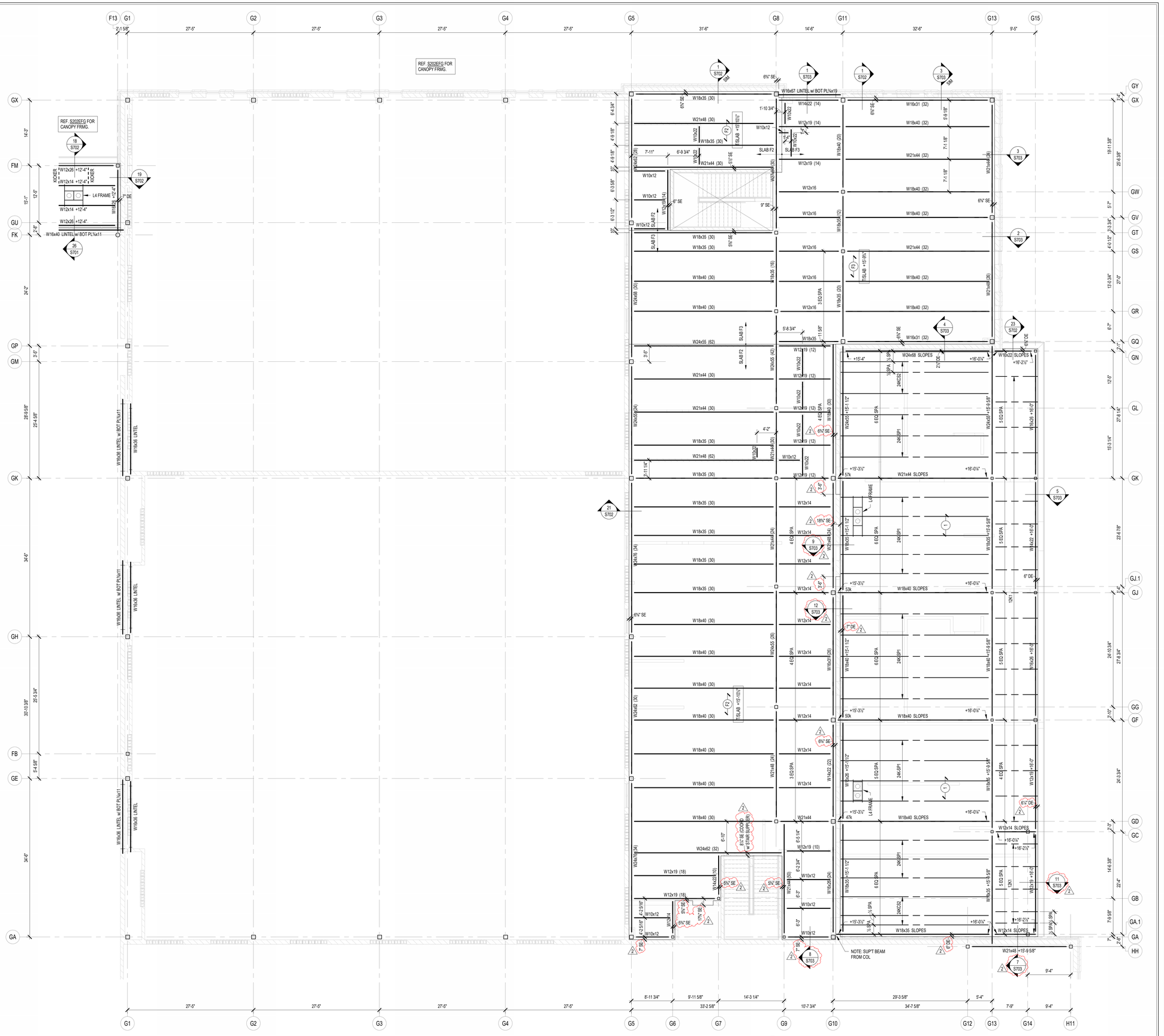
W6x20 SLOPES
W6x25 SLOPES
W6x8.5



1 S202G SECOND FLOOR & LOW ROOF FRAMING PLAN - UNIT G

SCALE: 1/8" = 1'-0"

NORTH

FRAMING PLAN NOTES

1. REF. S001 & S002 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
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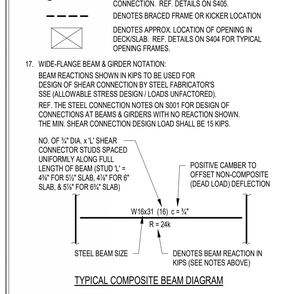
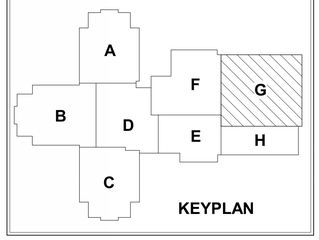


TYPICAL COMPOSITE BEAM DIAGRAM



KEYPLAN

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Lynch, Harrison & Brumleve, Inc.
P 317.423.1550
F 317.423.1551
550 Virginia Avenue
Indianapolis, IN 46203

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
17707 CENTENNIAL RD, WESTFIELD, IN 46074

BID DOCUMENTS

SCOPE DRAWINGS:
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REVISIONS:

1	ADDENDUM NO. 05	08/09/2024
2	ADDENDUM NO. 06	08/16/2024

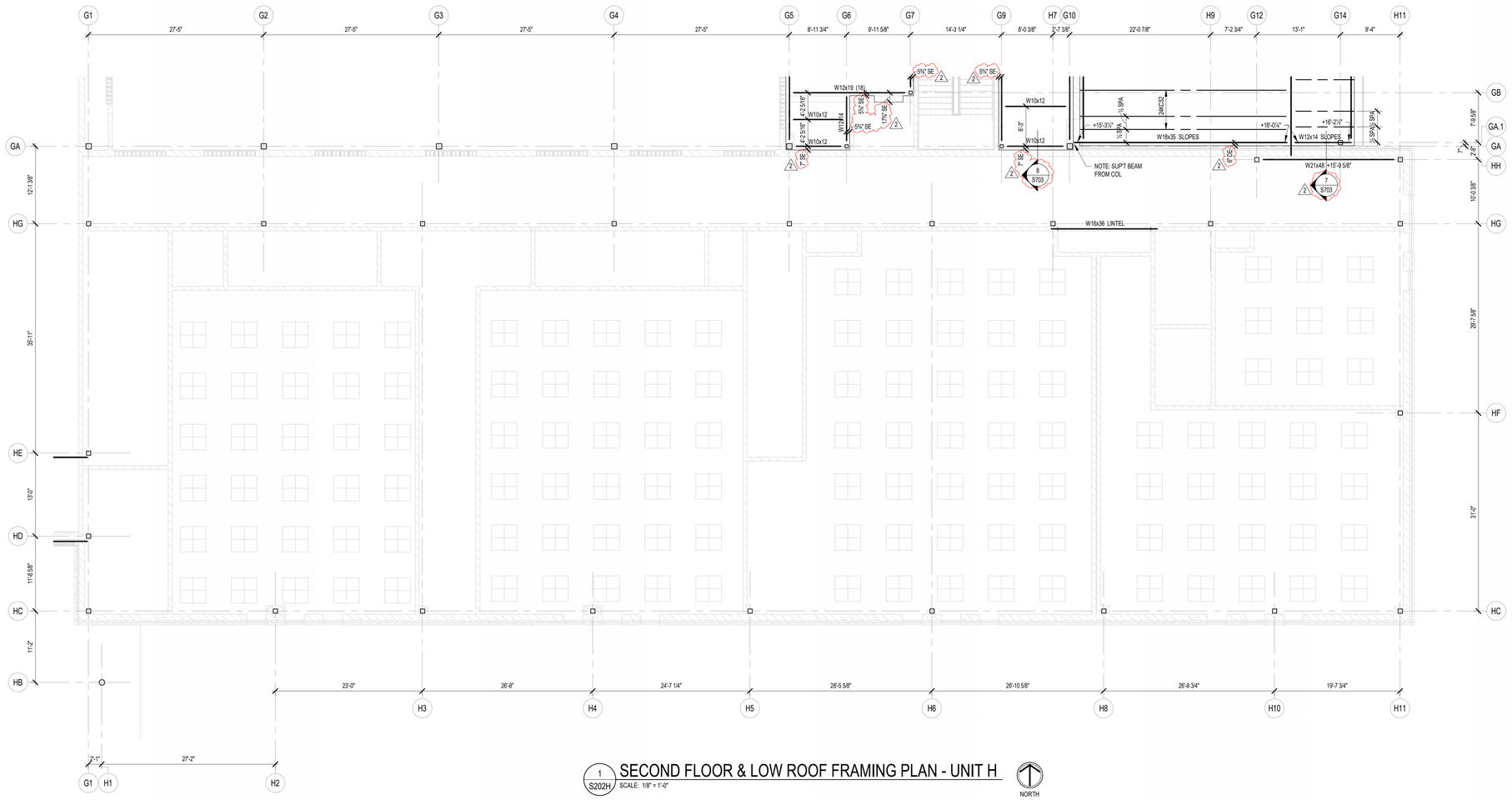
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRV	MDL

DRAWING TITLE:
SECOND FLOOR & LOW ROOF FRAMING PLAN - UNIT G

CERTIFIED BY:
MARK D. LAVISH
REGISTERED
PE19400114
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
S202G

PROJECT NUMBER
2023061



1 S202H SECOND FLOOR & LOW ROOF FRAMING PLAN - UNIT H

SCALE: 1/8" = 1'-0"

NORTH

FRAMING PLAN NOTES

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11. REF. FOUNDATION PLAN NOTES FOR CMU WALL REINFORCING REQUIREMENTS.
12. ALL MASONRY BOND BEAMS, OTHER THAN BOND BEAM LINTELS OVER OPENINGS, SHALL BE "OPEN-CORE" BOND BEAMS TO ALLOW VERTICAL REINFORCING TO PASS THROUGH, UNLESS NOTED OTHERWISE.
13. REF. ARCH. DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.
14. ALL HORIZONTAL AND DIAGONAL BRIDGING FOR STEEL JOISTS SHALL BE DESIGNED, LOCATED & PROVIDED BY THE JOIST SUPPLIER PER SJI SPECIFICATIONS.
15. FOR ESTIMATING AND BIDDING PURPOSES ONLY, ASSUME AN ADDITIONAL 1/2" THICKNESS OF CONCRETE WILL BE NECESSARY FOR ALL ELEVATED SLABS ON METAL DECK. THE INTENT OF THIS REQUIREMENT IS TO ACCOUNT FOR ANTICIPATED DEAD LOAD DEFLECTIONS IN THE SUPPORTING STRUCTURE. THE FINISHED SLAB SHALL MEET THE FLATNESS REQUIREMENTS DEFINED IN THE SPECIFICATION.
16. PLAN LEGEND:

FF.	DENOTES FIN. FLOOR
T/X	DENOTES TOP OF STEEL, SLAB, ETC.
B/X	DENOTES BOTTOM OF LINTEL, ETC.
SE	DENOTES SLAB EDGE DIMENSION MEASURED FROM BEAM OR COLUMN CENTERLINE
DE	DENOTES DECK EDGE ANGLE DIMENSION MEASURED FROM BEAM OR COLUMN CENTERLINE
BP	DENOTES BEAM BEARING PLATE ON CMU WALL
F1	DENOTES 2", 20 GA. GALVANIZED COMPOSITE DECK w/ 3½" NW CONC SLAB w/ 6x6-W2.1xW2.1 WWF, TOTAL T = 5½". REF. DETAIL 1/S404.
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2A	DENOTES 2", 18 GA. GALVANIZED & PRIME-PAINTED DOVETAIL ACOUSTICAL STEEL ROOF DECK w/INSULATION, MIN. NRC = 0.90. REF. DETAIL 2/S406.
3	DENOTES 3", 20 GA. GALVANIZED & PRIME-PAINTED DEEP-RIB STEEL ROOF DECK. REF. DETAIL 5/S404.
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	DENOTES APPROX. LOCATION OF OPENING IN DECK/SLAB. REF. DETAILS ON S404 FOR TYPICAL OPENING FRAMES.

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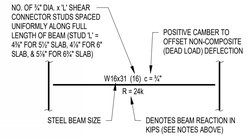
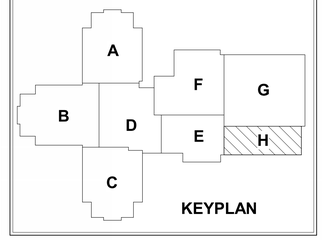
BEAM REACTIONS SHOWN IN KIPS TO BE USED FOR DESIGN OF SHEAR CONNECTION BY STEEL FABRICATOR'S SSE (ALLOWABLE STRESS DESIGN / LOADS UNFACTORED).
REF. THE STEEL CONNECTION NOTES ON S001 FOR DESIGN OF CONNECTIONS AT BEAMS & GIRDERS WITH NO REACTION SHOWN.
THE MIN. SHEAR CONNECTION DESIGN LOAD SHALL BE 15 KIPS.



TYPICAL COMPOSITE BEAM DIAGRAM



KEYPLAN

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550 Virginia Avenue
Indianapolis, IN 46203
P 317.423.1550
F 317.423.1551

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
17707 CENTENNIAL RD, WESTFIELD, IN 46074

BID DOCUMENTS

SCOPE DRAWINGS:
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The trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:
2 ADDENDUM NO. 06 08/16/2024

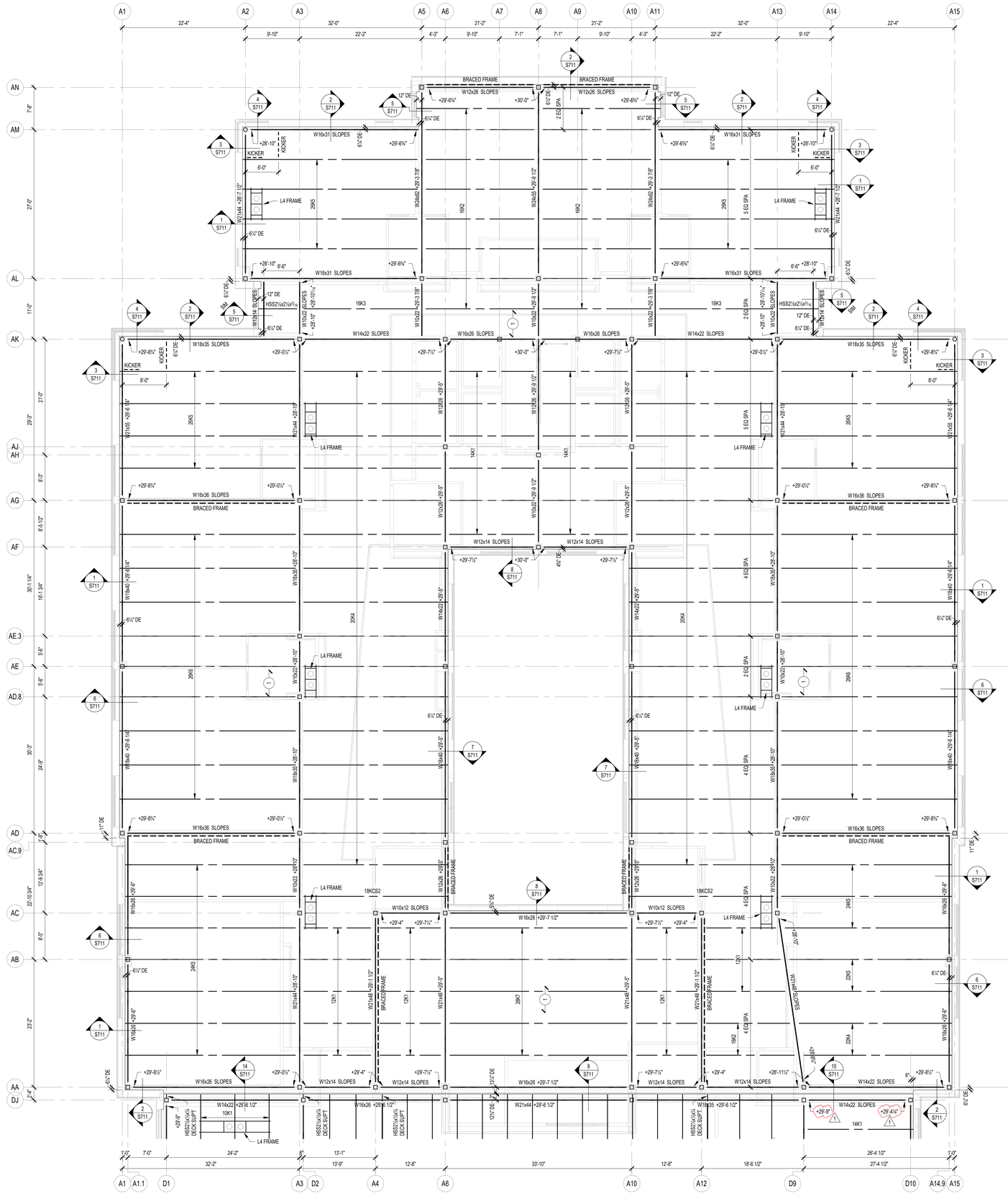
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRV	MDL

DRAWING TITLE:
SECOND FLOOR & LOW ROOF FRAMING PLAN - UNIT H

CERTIFIED BY:
MARK D. LAVIER REGISTERED PE19400114 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWING NUMBER
S202H

PROJECT NUMBER
2023061



1 S203A ROOF FRAMING PLAN - UNIT A
SCALE: 1/8" = 1'-0"

NORTH

FRAMING PLAN NOTES

1. REF. S001 & S002 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
2. REF. THE S400 SERIES FOR TYPICAL FRAMING AND MASONRY DETAILS.
3. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
4. ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +0'-0" (USGS 924.00). VERIFY USGS ELEVATION WITH CIVIL DWGS.
5. ALL WALLS SHALL BE LAID OUT FROM THE ARCHITECTURAL DRAWINGS.
6. REF. ARCH. DRAWINGS. FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
7. COORDINATE EXACT SIZE & LOCATION OF ANY MECHANICAL OPENINGS IN FLOOR SLAB, ROOF DECK, OR WALLS WITH THE MEP CONTRACTOR(S). LOCATION & SIZE OF ALL DUCT OPENINGS, GRILLES, ETC. SHALL BE VERIFIED PRIOR TO CONSTRUCTION.
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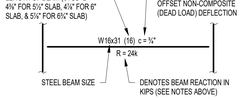
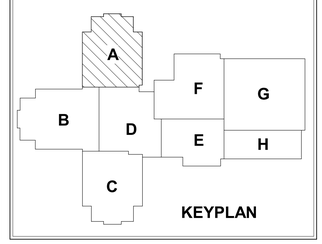
THE MIN. SHEAR CONNECTION DESIGN LOAD SHALL BE 15 KIPS.

NO. OF ½" DIA. x 1' SHEAR CONNECTOR STUDS SPACED UNIFORMLY ALONG FULL LENGTH OF BEAM (STUD 'L' = 4¾" FOR 5½" SLAB, 4¼" FOR 6" SLAB, & 5¼" FOR 6½" SLAB)



TYPICAL COMPOSITE BEAM DIAGRAM



KEYPLAN

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
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REVISIONS:
1 ADDENDUM NO. 05 08/09/2024

ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRV	MDL

DRAWING TITLE:
ROOF FRAMING PLAN - UNIT A

CERTIFIED BY:
MARK D. LAVELY
REGISTERED
PE19400114
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
S203A

PROJECT NUMBER
2023061

FRAMING PLAN NOTES

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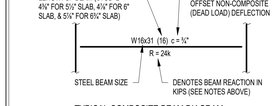
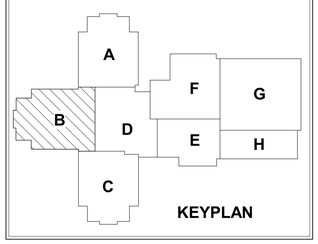


TYPICAL COMPOSITE BEAM DIAGRAM

1 S203B ROOF FRAMING PLAN - UNIT B
SCALE: 1/8" = 1'-0"

NORTH



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REVISIONS:
2 ADDENDUM NO. 06 08/16/2024

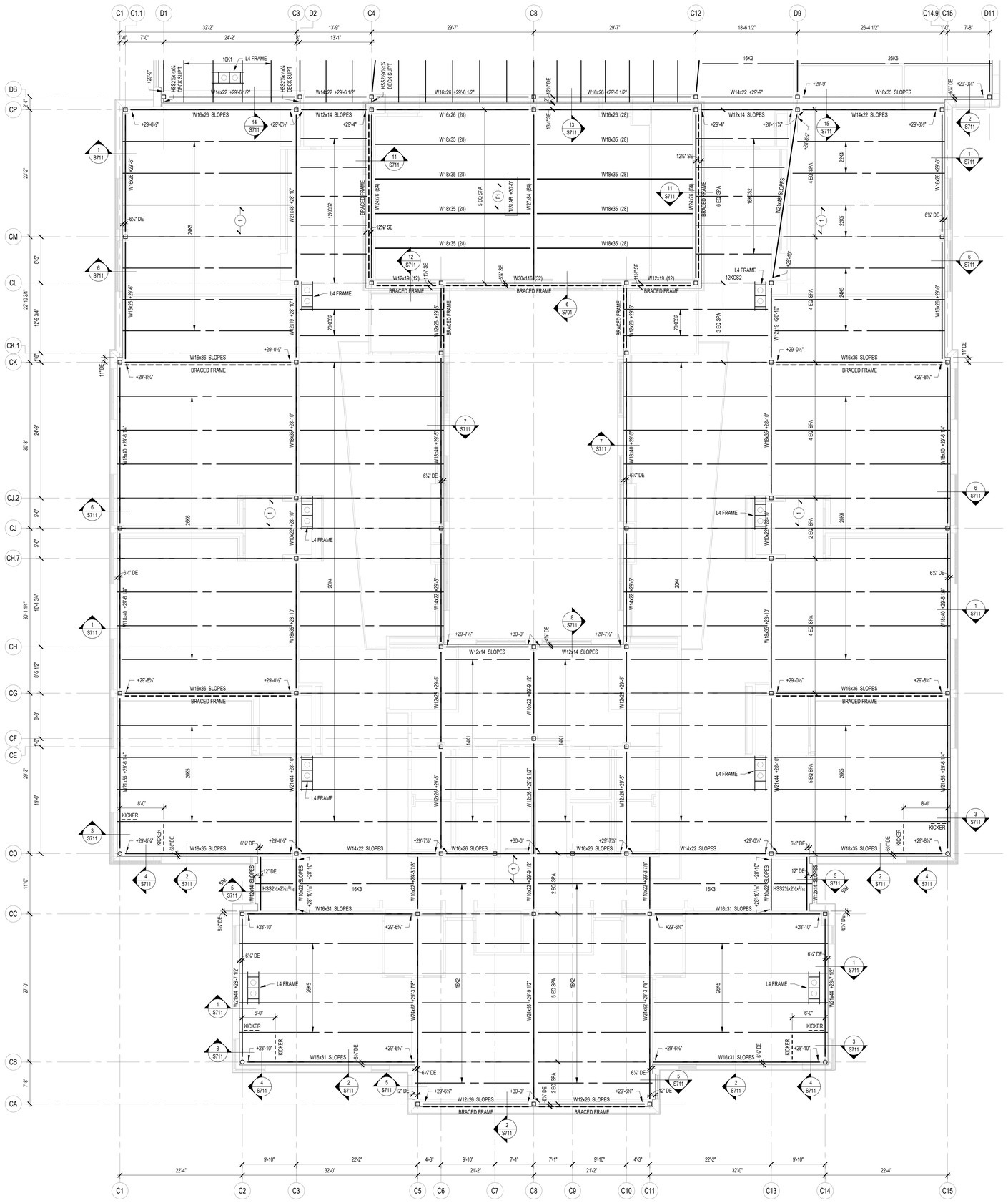
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRV	MDL

DRAWING TITLE:
ROOF FRAMING PLAN - UNIT B

CERTIFIED BY:
MARK D. LAVTER
REGISTERED
PE19400114
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
S203B

PROJECT NUMBER
2023061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C1 C2 C3 C5 C6 C7 C8 C9 C10 C11 C13 C14 C15
W16x26 SLOPES
W12x14 SLOPES
W16x35 SLOPES
W18x35 (28)
W16x36 SLOPES
W12x19 (12)
W12x26 SLOPES
W16x31 SLOPES
W14x22 SLOPES
W16x26 SLOPES
BRACED FRAME
L4 FRAME
KICKER
HSS21⅛x21⅛x⅝
HSS21⅛x17⅜x⅝
HSS21⅛x13⅞x⅝
W12x14 (30)
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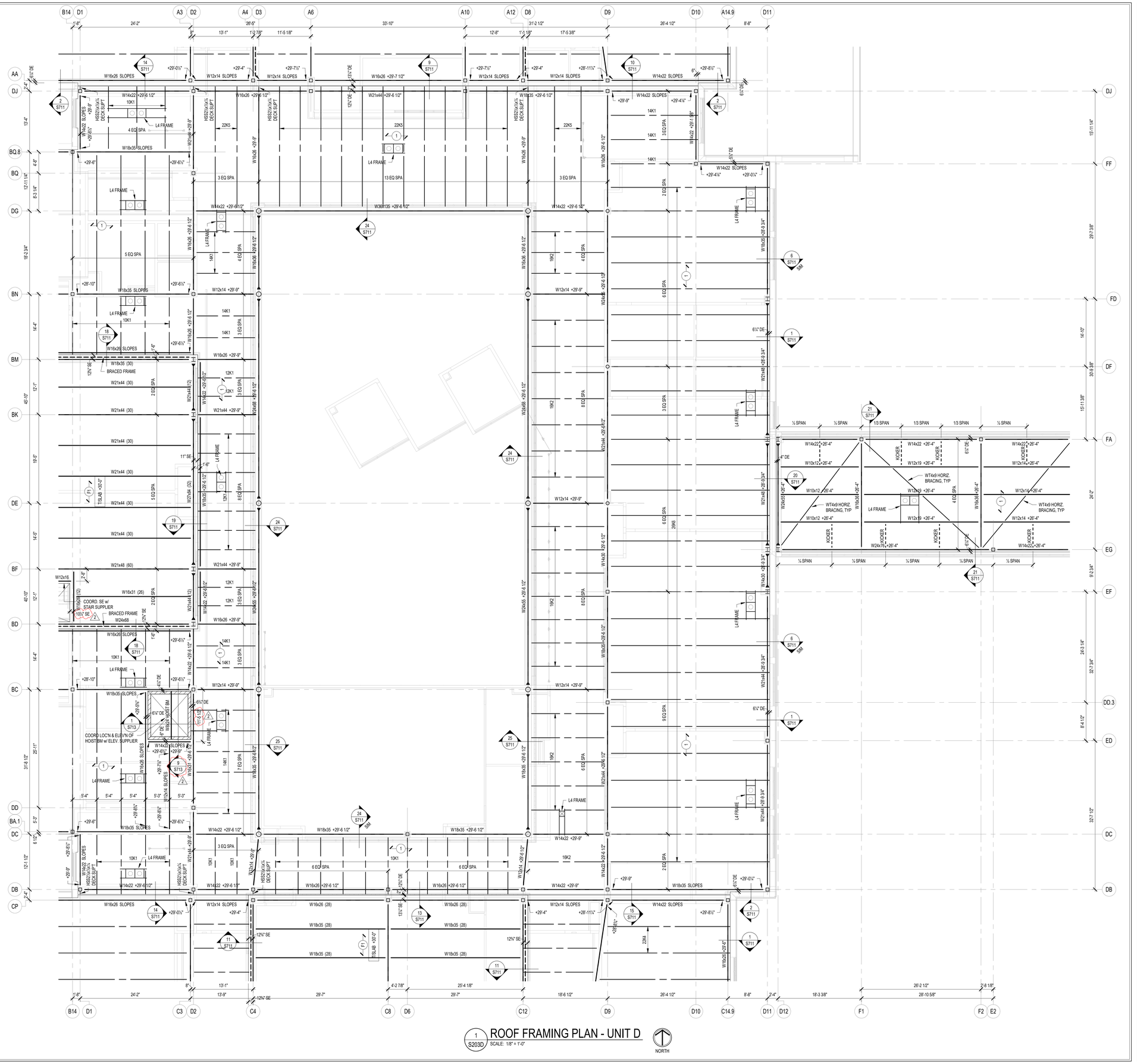
W24x2987 (28)
W24x3038 (28)
W24x3088 (28)
W24x3139 (28)
W24x3189 (28)
W24x3240 (28)
W24x3290 (28)



FRAMING PLAN NOTES

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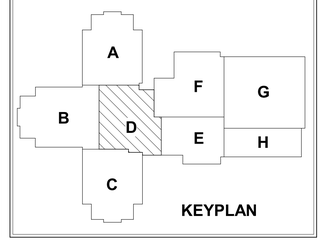
NO. OF ¾" DIA. x 'L' SHEAR CONNECTOR STUDS SPACED UNIFORMLY ALONG FULL LENGTH OF BEAM (STUD 'L' = 4¼" FOR 5½" SLAB, 4¼" FOR 6" SLAB, & 5¼" FOR 6½" SLAB)



TYPICAL COMPOSITE BEAM DIAGRAM



KEYPLAN

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P 317.423.1550
F 317.423.1551
550 Virginia Avenue
Indianapolis, IN 46203

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

1	ADDENDUM NO. 05	08/09/2024
2	ADDENDUM NO. 06	08/16/2024

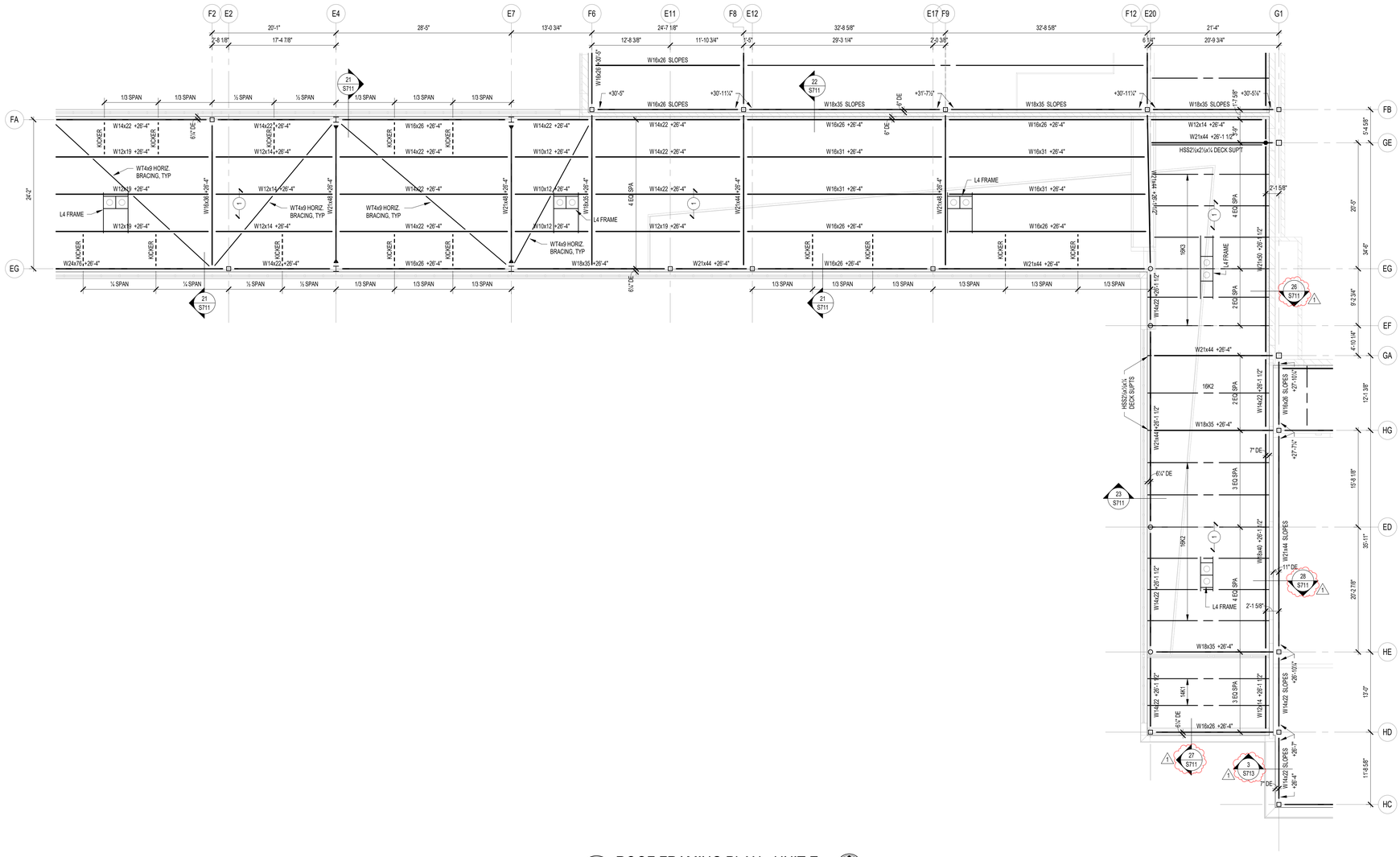
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRV	MDL

DRAWING TITLE:
ROOF FRAMING PLAN - UNIT D

CERTIFIED BY:
MARK D. LAVETA
REGISTERED
PE19400114
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
S203D

PROJECT NUMBER
2023061



1 S203E ROOF FRAMING PLAN - UNIT E

SCALE: 1/8" = 1'-0"

NORTH

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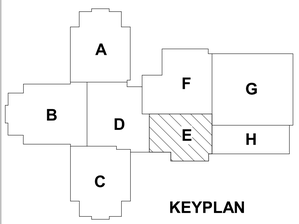

TYPICAL COMPOSITE BEAM DIAGRAM

KEYPLAN

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P 317.423.1550
F 317.423.1551
550 Virginia Avenue
Indianapolis, IN 46203

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST

BID DOCUMENTS

17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

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REVISIONS:

1	ADDENDUM NO. 05	08/09/2024

ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRV	MDL

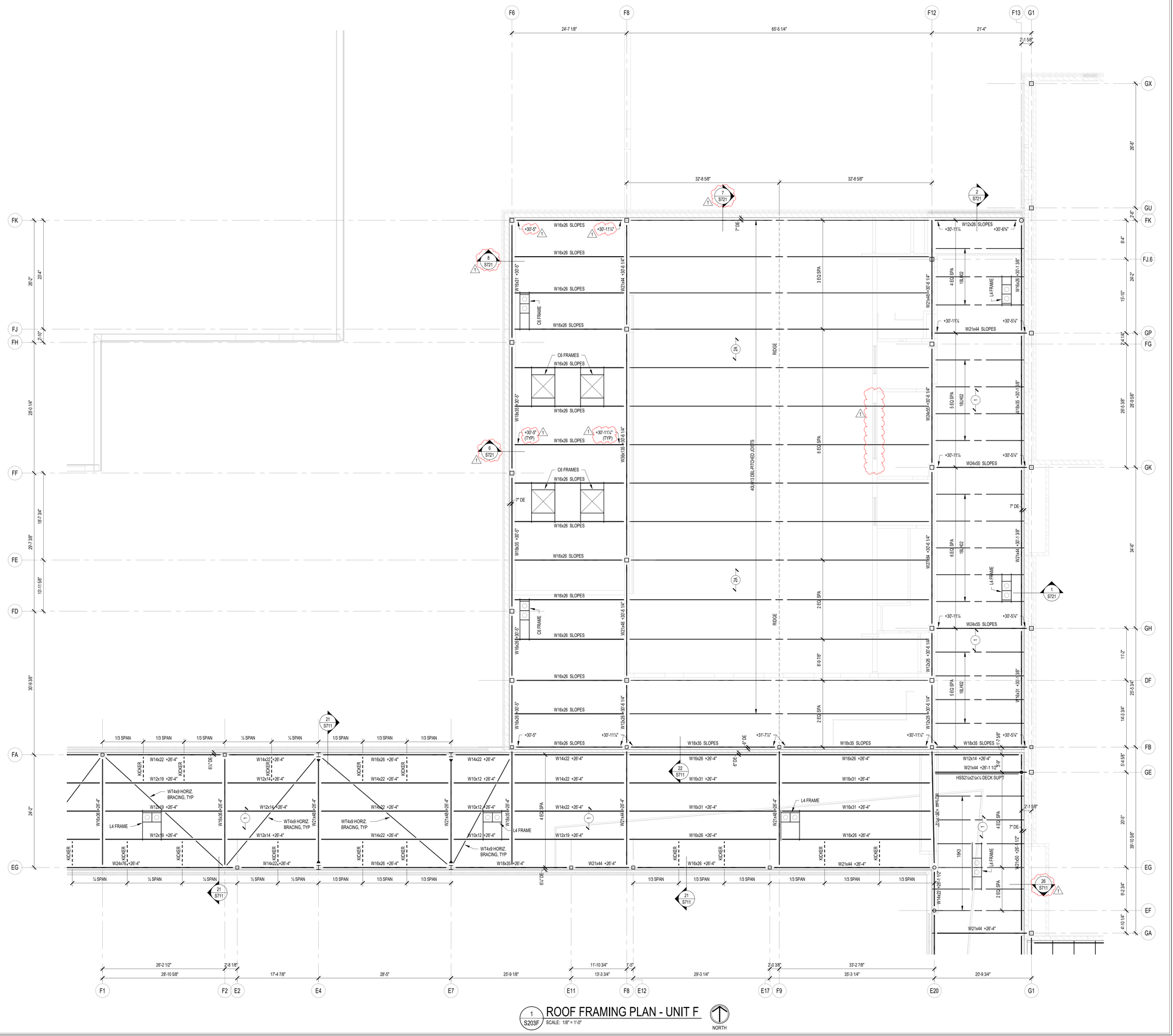
DRAWING TITLE:
ROOF FRAMING PLAN - UNIT E

CERTIFIED BY:



DRAWING NUMBER
S203E

PROJECT NUMBER
2023061



1 S203F ROOF FRAMING PLAN - UNIT F
SCALE: 1/8" = 1'-0"

NORTH

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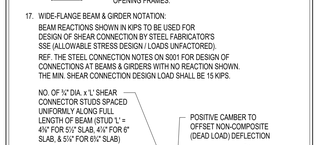
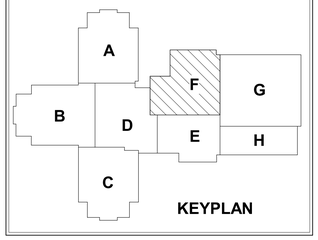


TYPICAL COMPOSITE BEAM DIAGRAM



KEYPLAN

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REVISIONS:
1 ADDENDUM NO. 05 08/09/2024

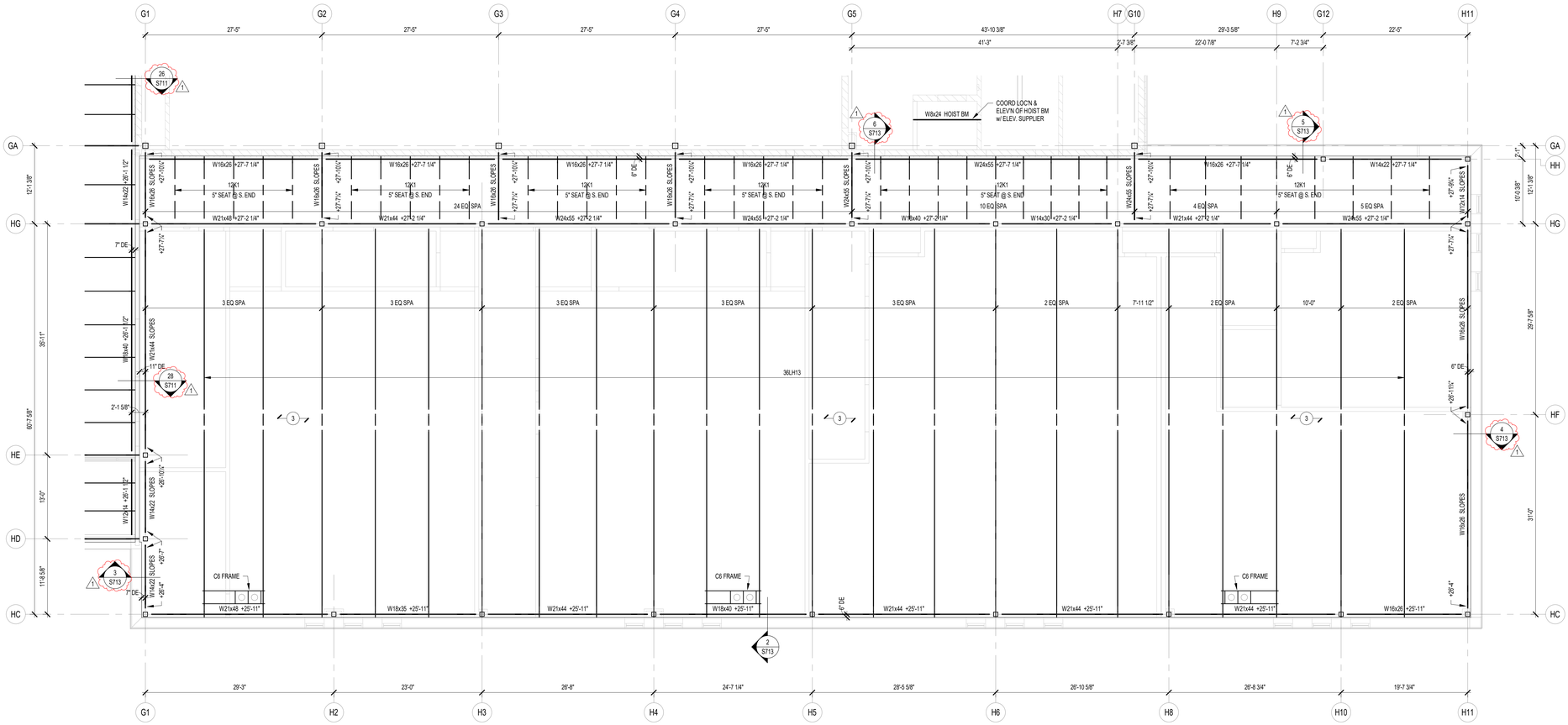
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRV	MDL

DRAWING TITLE:
ROOF FRAMING PLAN - UNIT F

CERTIFIED BY:
MARK D. LAVIER
REGISTERED
PE19400114
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
S203F

PROJECT NUMBER
2023061



1 S203H ROOF FRAMING PLAN - UNIT H

SCALE: 1/8" = 1'-0"

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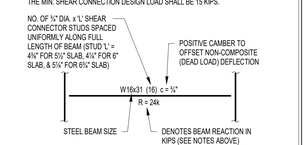
10. PROVIDE FRAMES AT ALL ROOF DRAINS, ROOF HATCHES & OTHER ROOF OPENINGS PER TYPICAL DETAILS ON S404. COORD. EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DWGS.
11. REF. FOUNDATION PLAN NOTES FOR CMU WALL REINFORCING REQUIREMENTS.
12. ALL MASONRY BOND BEAMS, OTHER THAN BOND BEAM LINTELS OVER OPENINGS, SHALL BE "OPEN-CORE" BOND BEAMS TO ALLOW VERTICAL REINFORCING TO PASS THROUGH, UNLESS NOTED OTHERWISE.
13. REF. ARCH. DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.
14. ALL HORIZONTAL AND DIAGONAL BRIDGING FOR STEEL JOISTS SHALL BE DESIGNED, LOCATED & PROVIDED BY THE JOIST SUPPLIER PER SJI SPECIFICATIONS.
15. FOR ESTIMATING AND BIDDING PURPOSES ONLY, ASSUME AN ADDITIONAL 1/2" THICKNESS OF CONCRETE WILL BE NECESSARY FOR ALL ELEVATED SLABS ON METAL DECK. THE INTENT OF THIS REQUIREMENT IS TO ACCOUNT FOR ANTICIPATED DEAD LOAD DEFLECTIONS IN THE SUPPORTING STRUCTURE. THE FINISHED SLAB SHALL MEET THE FLATNESS REQUIREMENTS DEFINED IN THE SPECIFICATION.
16. PLAN LEGEND:

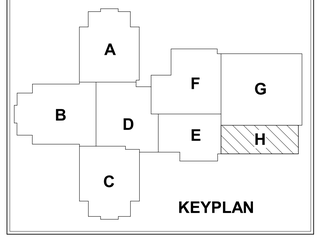
FF	DENOTES FIN. FLOOR
T/X	DENOTES TOP OF STEEL, SLAB, ETC.
B/X	DENOTES BOTTOM OF LINTEL, ETC.
SE	DENOTES SLAB EDGE DIMENSION MEASURED FROM BEAM OR COLUMN CENTERLINE
DE	DENOTES DECK EDGE ANGLE DIMENSION MEASURED FROM BEAM OR COLUMN CENTERLINE
BP	DENOTES BEAM BEARING PLATE ON CMU WALL
F1	DENOTES 2", 20 GA. GALVANIZED COMPOSITE DECK w/ 3½" NW CONC SLAB w/ 6x6-W2.1xW2.1 WWF, TOTAL T = 5½". REF. DETAIL 1/S404.
F2	DENOTES 2", 20 GA. GALVANIZED COMPOSITE DECK w/ 4½" NW CONC SLAB w/ 6x6-W2.9xW2.9 WWF, TOTAL T = 6½". REF. DETAIL 2/S404.
F3	DENOTES 2", 20 GA. GALVANIZED COMPOSITE DECK w/ 4" NW CONC SLAB w/ ##@12" OC EW ON 1" SUPPORTS + FIBERFORCE 650 FIBER REINF. BLEND @ 24 LB/CY. TOTAL T = 6". REF. DETAIL 3/S404.
1	DENOTES 1½", 20 GA. GALVANIZED & PRIME-PAINTED WIDE RIB STEEL ROOF DECK. REF. DETAIL 4/S404.
2	DENOTES 2", 20 GA. GALVANIZED & PRIME-PAINTED DOVETAIL STEEL ROOF DECK. REF. DETAIL 1/S406.
2A	DENOTES 2", 18 GA. GALVANIZED & PRIME-PAINTED DOVETAIL ACOUSTICAL STEEL ROOF DECK w/INSULATION, MIN. NRC = 0.90. REF. DETAIL 2/S406.
3	DENOTES 3", 20 GA. GALVANIZED & PRIME-PAINTED DEEP-RIB STEEL ROOF DECK. REF. DETAIL 5/S404.
3.5	DENOTES 3½", 20 GA. GALVANIZED & PRIME-PAINTED DOVETAIL STEEL ROOF DECK. REF. DETAIL 3/S406.
	DENOTES BEAM-TO-COLUMN MOMENT CONNECTION. REF. DETAILS ON S405.
	DENOTES BEAM-THRU-BEAM MOMENT CONNECTION. REF. DETAILS ON S405.
	DENOTES BRACED FRAME OR KICKER LOCATION
	DENOTES APPROX. LOCATION OF OPENING IN DECK/SLAB. REF. DETAILS ON S404 FOR TYPICAL OPENING FRAMES.

17. WIDE-FLANGE BEAM & GIRDER NOTATION:

BEAM REACTIONS SHOWN IN KIPS TO BE USED FOR DESIGN OF SHEAR CONNECTION BY STEEL FABRICATOR'S SSE (ALLOWABLE STRESS DESIGN / LOADS UNFACTORED).
REF. THE STEEL CONNECTION NOTES ON S001 FOR DESIGN OF CONNECTIONS AT BEAMS & GIRDERS WITH NO REACTION SHOWN.
THE MIN. SHEAR CONNECTION DESIGN LOAD SHALL BE 15 KIPS.



TYPICAL COMPOSITE BEAM DIAGRAM



KEYPLAN

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
17707 CENTENNIAL RD, WESTFIELD, IN 46074

BID DOCUMENTS

SCOPE DRAWINGS:
These drawings indicate the general scope of the project. They are intended to describe the size and character of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the construction contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:
1 ADDENDUM NO. 05 08/09/2024

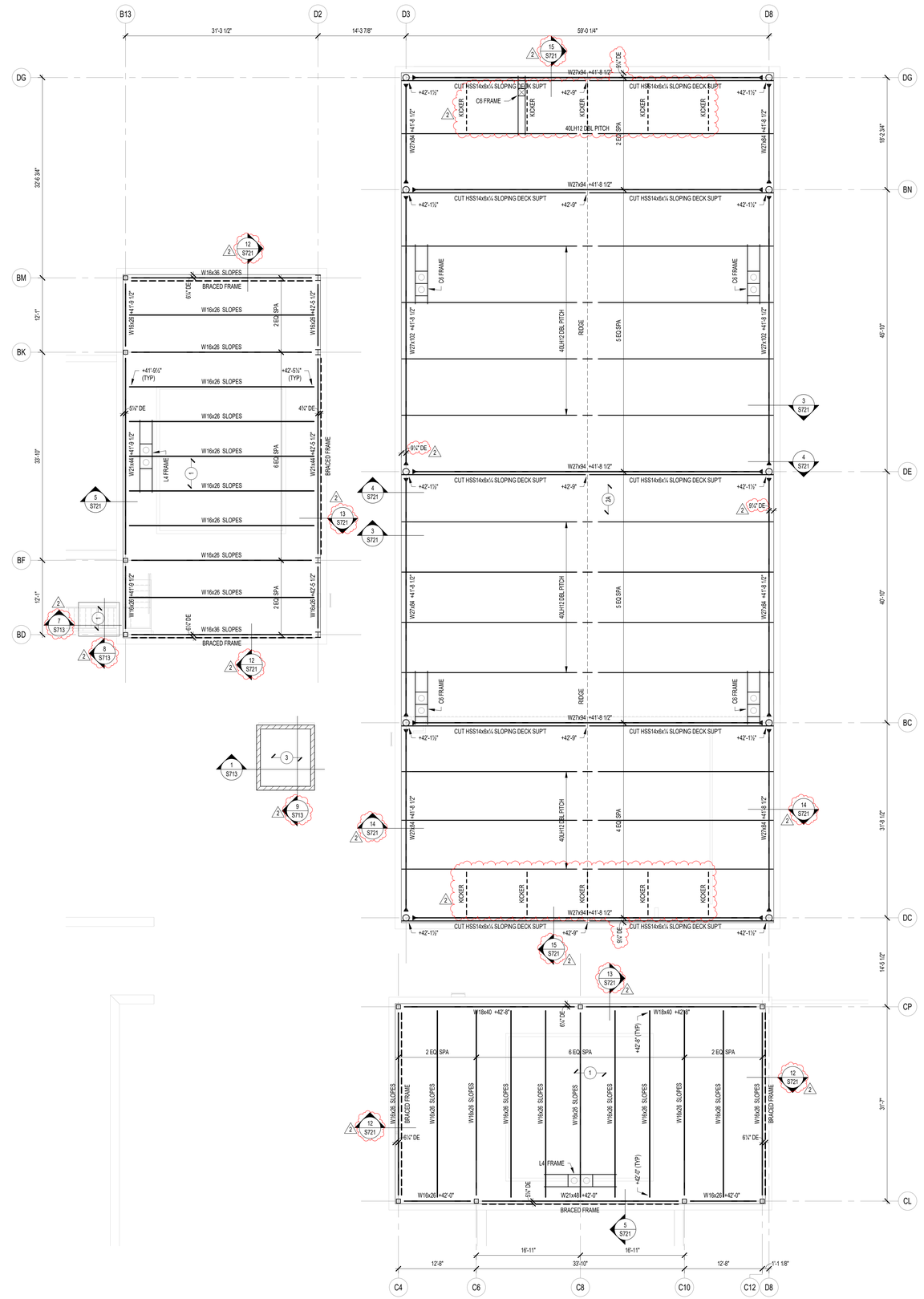
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRV	MDL

DRAWING TITLE:
ROOF FRAMING PLAN - UNIT H

CERTIFIED BY:
MARK D. LAVISH
REGISTERED
PE19400114
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
S203H

PROJECT NUMBER
2023061


B13
D2
D3
D8
DG
BM
BK
BF
BD
BN
DE
BC
DC
CP
CL
C4
C6
C8
C10
C12
D8
31'-3 1/2"
14'-3 7/8"
59'-0 1/4"
32'-6 3/4"
12'-1"
33'-10"
12'-1"
15'-2 3/4"
45'-0"
40'-0"
31'-9 1/2"
14'-5 1/2"
31'-7"
12'-8"
16'-11"
33'-10"
16'-11"
12'-8"
1'-1 1/8"
W27x94 +41'-8 1/2"
CUT HSS14x8x¼ SLOPING DECK SUPT
+4Z'-1½"
+4Z'-9"
KICKER
C6 FRAME
40LH12 DBL PITCH
2 EQ SPA
4 EQ SPA
5 EQ SPA
RIDGE
9½" DE
W16x36 SLOPES
W16x26 SLOPES
W16x26 +41'-9 1/2"
W16x26 +42'-5 1/2"
W21x44 +41'-9 1/2"
W21x44 +42'-5 1/2"
+41'-9½" (TYP)
+42'-5½" (TYP)
5½" DE
4½" DE
6½" DE
L4 FRAME
BRACED FRAME
W18x40 +42'-8"
W18x26 +42'-0"
W21x48 +42'-0"
+42'-0" (TYP)
6 EQ SPA
W18x26 SLOPES
W18x26 +41'-9 1/2"
W18x26 +41'-9 1/2"
W27x84 +41'-8 1/2"
W27x102 +41'-9 1/2"
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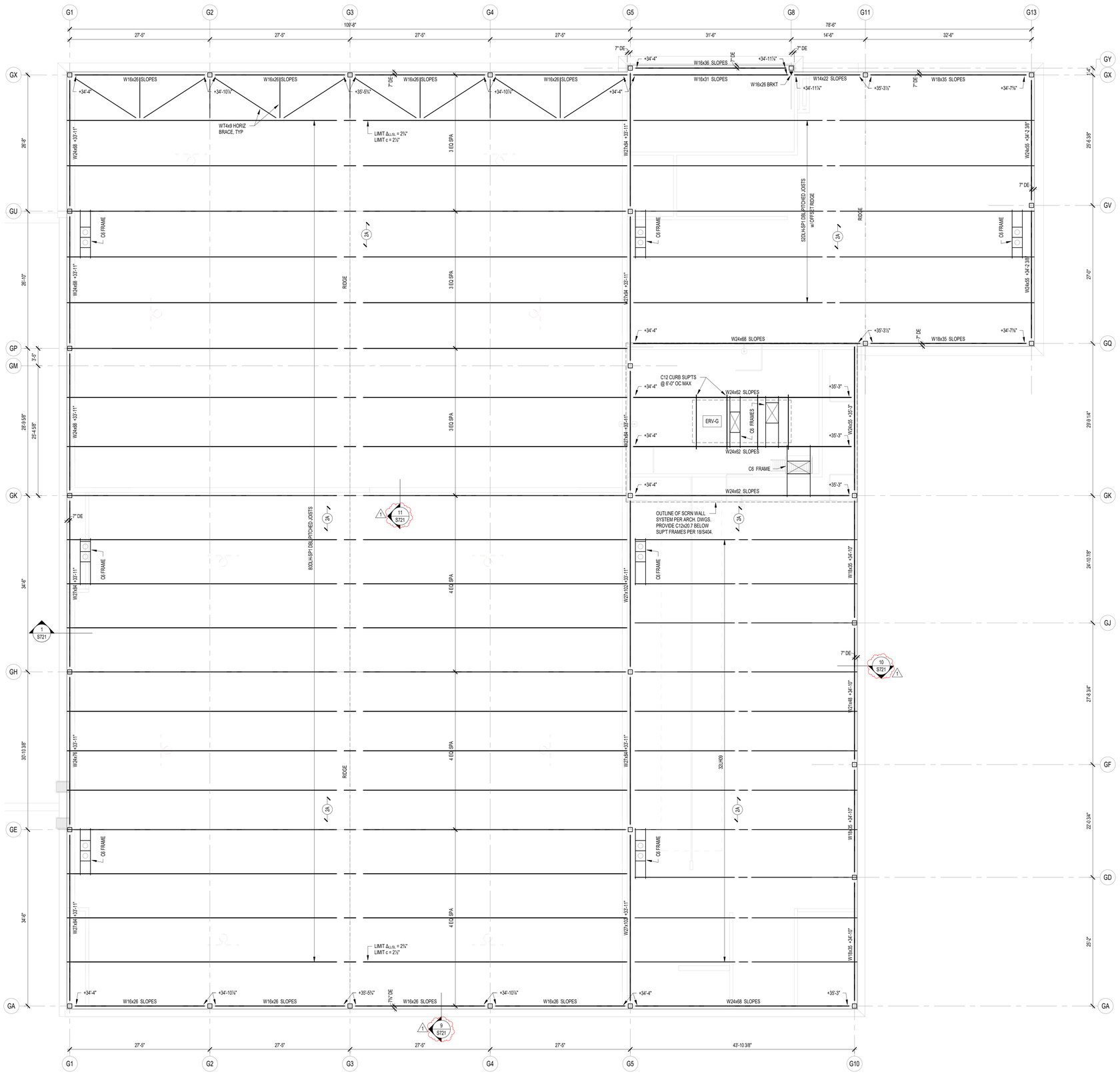
W27x84 +41'-8 1/2"
W27x84



1 S204G UPPER ROOF FRAMING PLAN - UNIT G
SCALE: 1/8" = 1'-0"

NORTH

FRAMING PLAN NOTES

1. REF. S001 & S002 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
2. REF. THE S400 SERIES FOR TYPICAL FRAMING AND MASONRY DETAILS.
3. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
4. ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +0'-0" (USGS 924.00). VERIFY USGS ELEVATION WITH CIVIL DWGS.
5. ALL WALLS SHALL BE LAID OUT FROM THE ARCHITECTURAL DRAWINGS.
6. REF. ARCH. DRAWINGS. FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
7. COORDINATE EXACT SIZE & LOCATION OF ANY MECHANICAL OPENINGS IN FLOOR SLAB, ROOF DECK, OR WALLS WITH THE MEP CONTRACTOR(S). LOCATION & SIZE OF ALL DUCT OPENINGS, GRILLES, ETC. SHALL BE VERIFIED PRIOR TO CONSTRUCTION.
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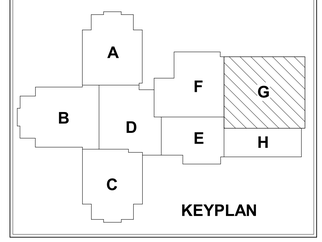
TYPICAL COMPOSITE BEAM DIAGRAM



KEYPLAN

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:
1 ADDENDUM NO. 05 08/09/2024

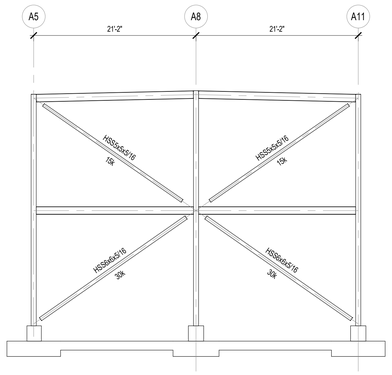
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRV	MDL

DRAWING TITLE:
UPPER ROOF FRAMING PLAN - UNIT G

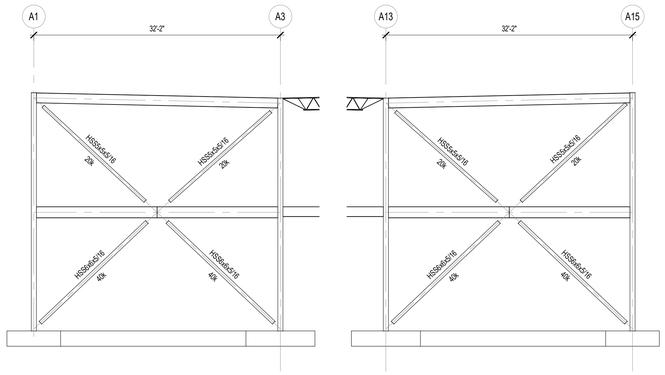
CERTIFIED BY:
MARK D. LAVTER
REGISTERED
PE19400114
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
S204G

PROJECT NUMBER
2023061



1 S301 BRACING ELEVATION - GRID AN
SCALE: 1/8" = 1'-0"



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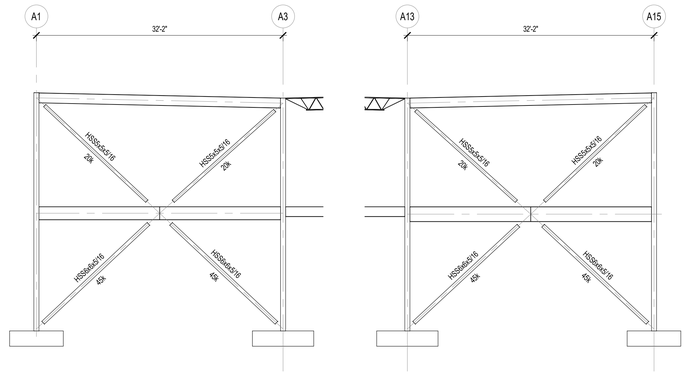

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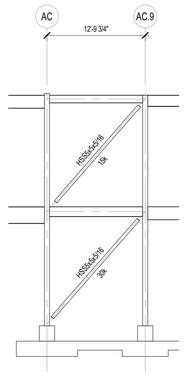

4 S301 BRACING ELEVATION - GRID A6
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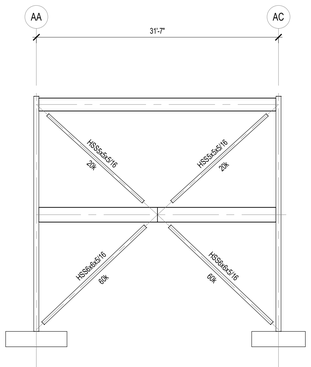

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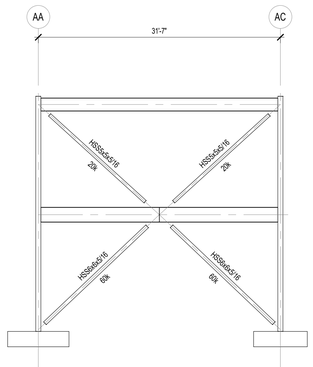

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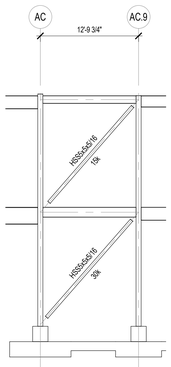

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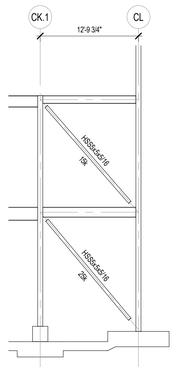

8 S301 BRACING ELEVATION - GRID C6
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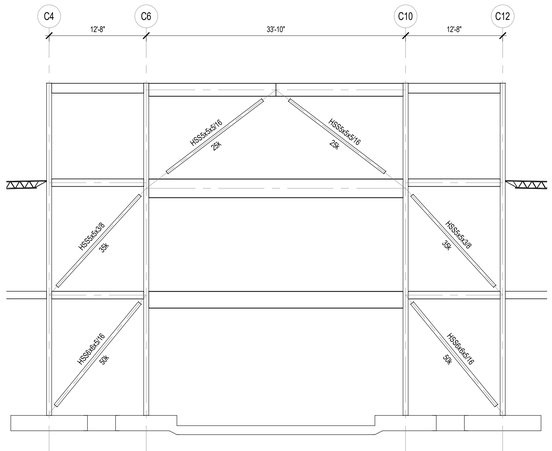

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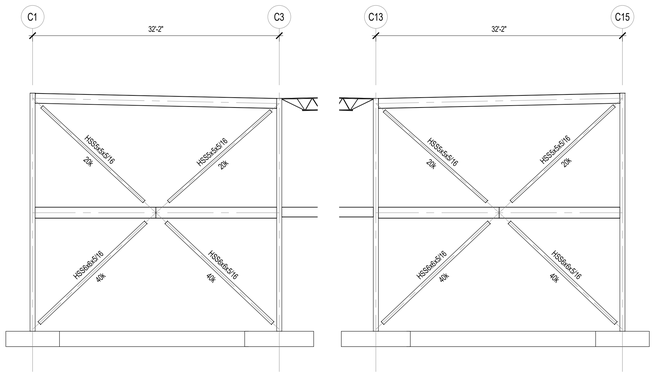
SCALE: 1/8" = 1'-0"



10 S301 BRACING ELEVATION - GRID CG
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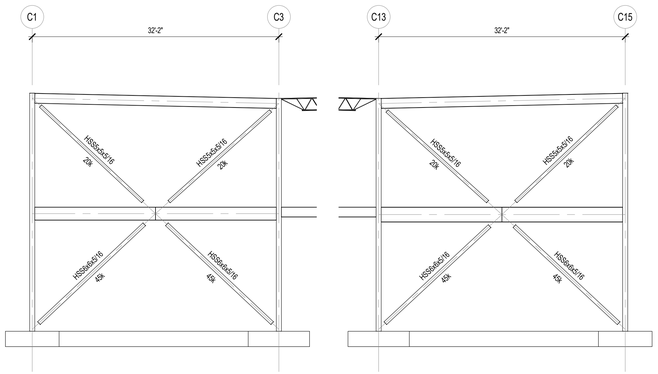

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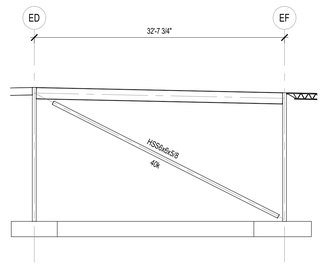
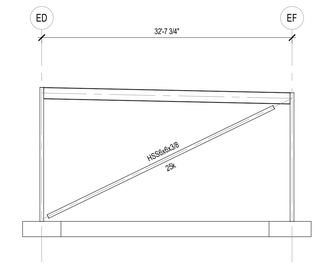
SCALE: 1/8" = 1'-0"



12 S301 BRACING ELEVATION - GRID E2
SCALE: 1/8" = 1'-0"



13 S301 BRACING ELEVATION - GRID E10
SCALE: 1/8" = 1'-0"

BRACING NOTES

1. ALL BRACING MEMBER WORKING POINTS SHALL BE LOCATED AT THE INTERSECTIONS OF MEMBER NEUTRAL AXES AND/OR AT BEAM MID-SPAN, UNLESS NOTED OTHERWISE.
2. ALL GUSSET PLATE CONNECTION MATERIAL SHALL BE ASTM A36 STEEL WITH A MINIMUM THICKNESS OF 1/2".
3. PROVIDE (1) ERECTION BOLT AT EACH END OF BRACING MEMBERS AND WELD AFTER ERECTION.
4. DESIGN ALL BRACING CONNECTIONS TO RESIST THE AXIAL BRACE FORCES SHOWN ON THE ELEVATIONS. FORCES NOTED REPRESENT MAXIMUM ASD LOAD COMBINATIONS PER AISC 360-10 AND THE 2012 INTERNATIONAL BUILDING CODE.
5. PROVIDE FULL-DEPTH WEB STIFFENER PLATES (MIN. 3/8" THICKNESS) ON EACH SIDE OF BEAM WEBS, TYPICAL WHERE BRACING MEMBER CENTERLINE INTERSECTS BEAM NEUTRAL AXIS AWAY FROM COLUMN CENTERLINE.
6. BOLTED BEAM-TO-COLUMN CONNECTIONS AT ALL BRACED FRAMES SHALL BE PRETENSIONED JOINTS USING TENSION-CONTROL BOLTS.
7. REFERENCE FRAMING PLANS FOR ANY BEAM OR COLUMN SIZES, GRID DIMENSIONS, OR TOP OF STEEL ELEVATIONS NOT SHOWN. IF DISCREPANCIES OCCUR BETWEEN THE PLANS AND ELEVATIONS, THE PLANS SHALL GOVERN.
8. REFERENCE FOUNDATION PLAN FOR FOUNDATION INFORMATION.

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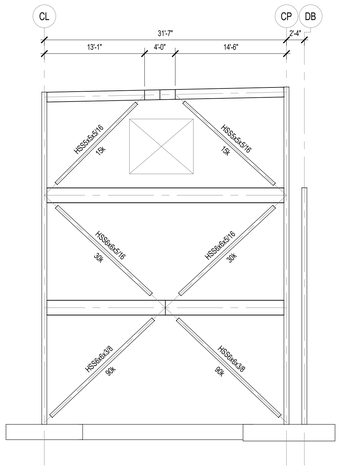
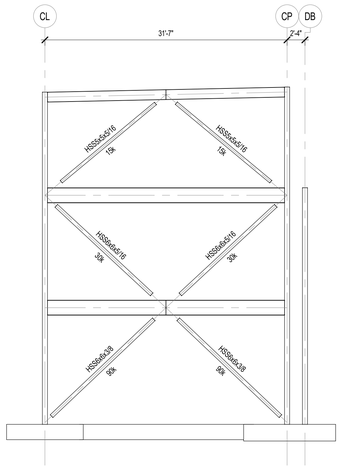
CERTIFIED BY:
MARK D. LAVIER
REGISTERED
PE19400114
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
S301

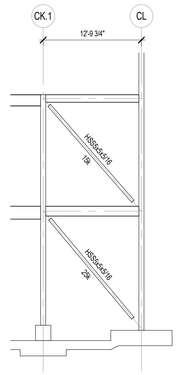
PROJECT NUMBER
2023061



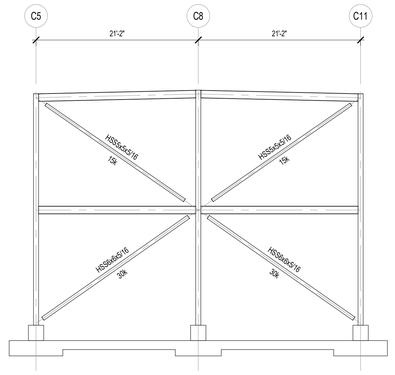
1 S302 BRACING ELEVATION - GRID C4
SCALE: 1/8" = 1'-0"



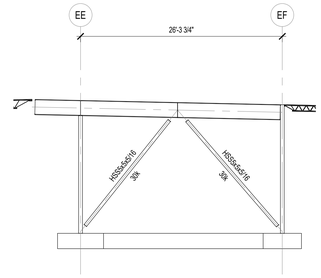
2 S302 BRACING ELEVATION - GRID C12
SCALE: 1/8" = 1'-0"



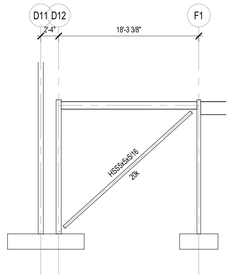
3 S302 BRACING ELEVATION - GRID C10
SCALE: 1/8" = 1'-0"



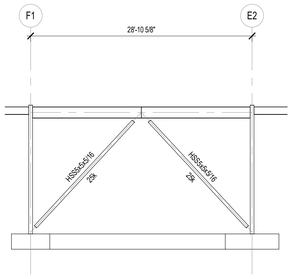
4 S302 BRACING ELEVATION - GRID CA
SCALE: 1/8" = 1'-0"



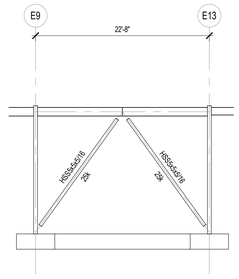
5 S302 BRACING ELEVATION - GRID E17
SCALE: 1/8" = 1'-0"



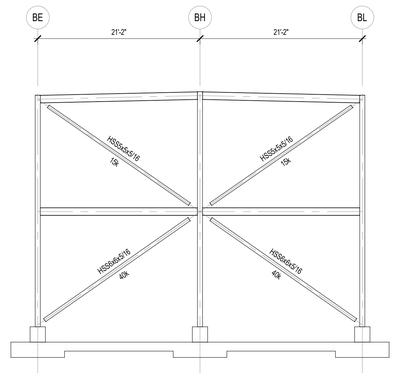
6 S302 BRACING ELEVATION - GRID ED
SCALE: 1/8" = 1'-0"



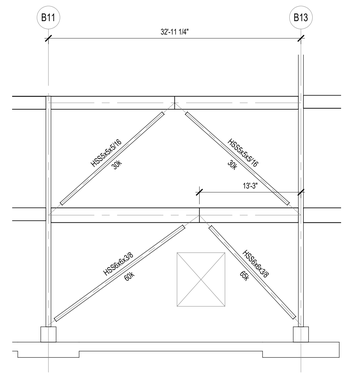
7 S302 BRACING ELEVATION - GRID EF
SCALE: 1/8" = 1'-0"



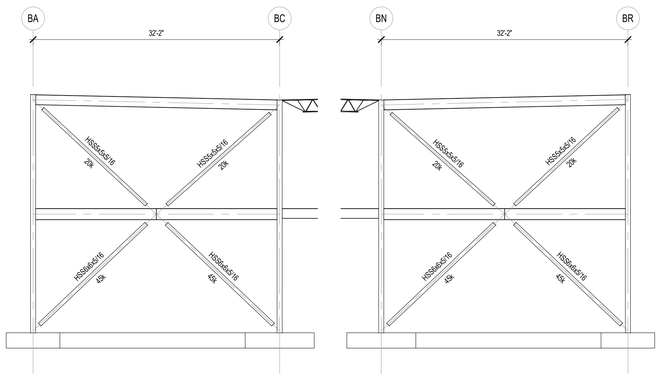
8 S302 BRACING ELEVATION - GRID EB
SCALE: 1/8" = 1'-0"



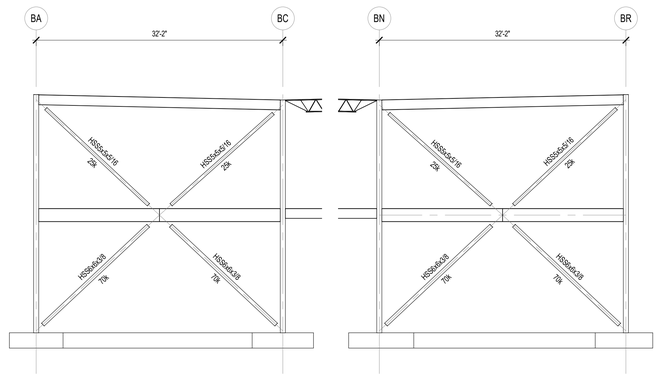
9 S302 BRACING ELEVATION - GRID B1
SCALE: 1/8" = 1'-0"



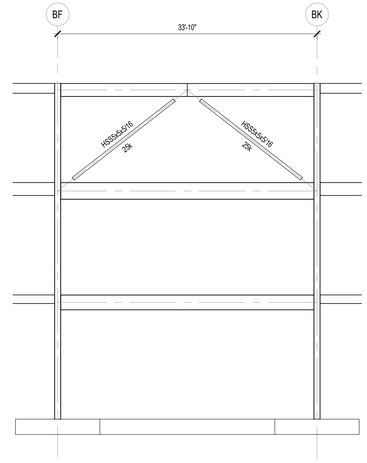
10 S302 BRACING ELEVATION - GRID BK
SCALE: 1/8" = 1'-0"



11 S302 BRACING ELEVATION - GRID B7
SCALE: 1/8" = 1'-0"



12 S302 BRACING ELEVATION - GRID B10
SCALE: 1/8" = 1'-0"



13 S302 BRACING ELEVATION - GRID D2
SCALE: 1/8" = 1'-0"

BRACING NOTES

1. ALL BRACING MEMBER WORKING POINTS SHALL BE LOCATED AT THE INTERSECTIONS OF MEMBER NEUTRAL AXES AND/OR AT BEAM MID-SPAN, UNLESS NOTED OTHERWISE.
2. ALL GUSSET PLATE CONNECTION MATERIAL SHALL BE ASTM A36 STEEL WITH A MINIMUM THICKNESS OF 1/2".
3. PROVIDE (1) ERECTION BOLT AT EACH END OF BRACING MEMBERS AND WELD AFTER ERECTION.
4. DESIGN ALL BRACING CONNECTIONS TO RESIST THE AXIAL BRACE FORCES SHOWN ON THE ELEVATIONS. FORCES NOTED REPRESENT MAXIMUM ASD LOAD COMBINATIONS PER AISC 360-10 AND THE 2012 INTERNATIONAL BUILDING CODE.
5. PROVIDE FULL-DEPTH WEB STIFFENER PLATES (MIN. 3/8" THICKNESS) ON EACH SIDE OF BEAM WEBS, TYPICAL WHERE BRACING MEMBER CENTERLINE INTERSECTS BEAM NEUTRAL AXIS AWAY FROM COLUMN CENTERLINE.
6. BOLTED BEAM-TO-COLUMN CONNECTIONS AT ALL BRACED FRAMES SHALL BE PRETENSIONED JOINTS USING TENSION-CONTROL BOLTS.
7. REFERENCE FRAMING PLANS FOR ANY BEAM OR COLUMN SIZES, GRID DIMENSIONS, OR TOP OF STEEL ELEVATIONS NOT SHOWN. IF DISCREPANCIES OCCUR BETWEEN THE PLANS AND ELEVATIONS, THE PLANS SHALL GOVERN.
8. REFERENCE FOUNDATION PLAN FOR FOUNDATION INFORMATION.

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. They are not intended to be complete in that they describe all work required for full performance and completion of the requirements of the Contract.
The Trade Contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

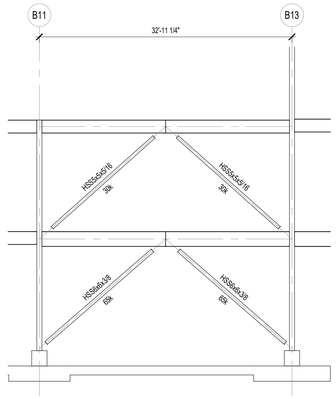
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRV	MDL

DRAWING TITLE:
BRACING ELEVATIONS

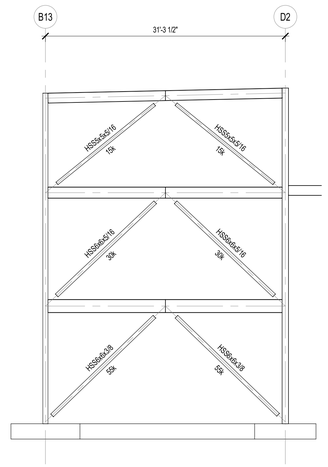
CERTIFIED BY:
MARK D. LAVICKA
REGISTERED
PE19400114
STATE OF
INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
S302

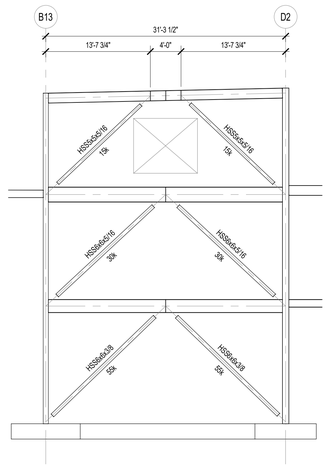
PROJECT NUMBER
2023061



1 S303 BRACING ELEVATION - GRID BF
SCALE: 1/8" = 1'-0"



2 S303 BRACING ELEVATION - GRID BM
SCALE: 1/8" = 1'-0"



3 S303 BRACING ELEVATION - GRID BD
SCALE: 1/8" = 1'-0"

BRACING NOTES

1. ALL BRACING MEMBER WORKING POINTS SHALL BE LOCATED AT THE INTERSECTIONS OF MEMBER NEUTRAL AXES AND/OR AT BEAM MID-SPAN, UNLESS NOTED OTHERWISE.
2. ALL GUSSET PLATE CONNECTION MATERIAL SHALL BE ASTM A36 STEEL WITH A MINIMUM THICKNESS OF 1/2".
3. PROVIDE (1) ERECTION BOLT AT EACH END OF BRACING MEMBERS AND WELD AFTER ERECTION.
4. DESIGN ALL BRACING CONNECTIONS TO RESIST THE AXIAL BRACE FORCES SHOWN ON THE ELEVATIONS. FORCES NOTED REPRESENT MAXIMUM ASD LOAD COMBINATIONS PER AISC 360-10 AND THE 2012 INTERNATIONAL BUILDING CODE.
5. PROVIDE FULL-DEPTH WEB STIFFENER PLATES (MIN. 3/8" THICKNESS) ON EACH SIDE OF BEAM WEBS, TYPICAL WHERE BRACING MEMBER CENTERLINE INTERSECTS BEAM NEUTRAL AXIS AWAY FROM COLUMN CENTERLINE.
6. BOLTED BEAM-TO-COLUMN CONNECTIONS AT ALL BRACED FRAMES SHALL BE PRETENSIONED JOINTS USING TENSION-CONTROL BOLTS.
7. REFERENCE FRAMING PLANS FOR ANY BEAM OR COLUMN SIZES, GRID DIMENSIONS, OR TOP OF STEEL ELEVATIONS NOT SHOWN. IF DISCREPANCIES OCCUR BETWEEN THE PLANS AND ELEVATIONS, THE PLANS SHALL GOVERN.
8. REFERENCE FOUNDATION PLAN FOR FOUNDATION INFORMATION.

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

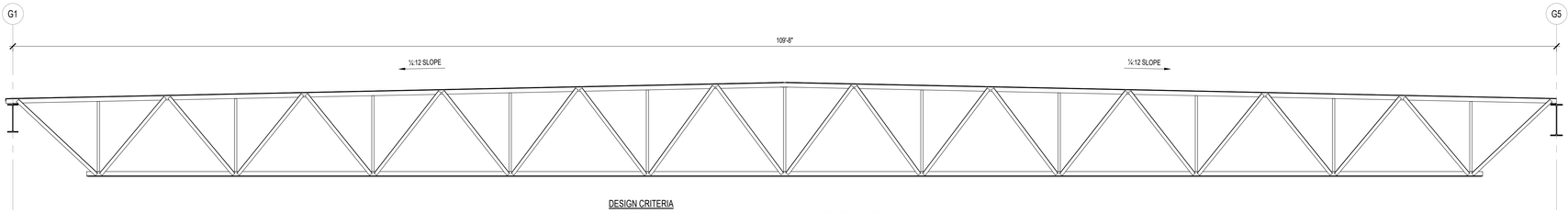
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRV	MDL

DRAWING TITLE:
BRACING ELEVATIONS

CERTIFIED BY:
MARK D. LAVIER
REGISTERED
PE19400114
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
S303

PROJECT NUMBER
2023061



DESIGN CRITERIA

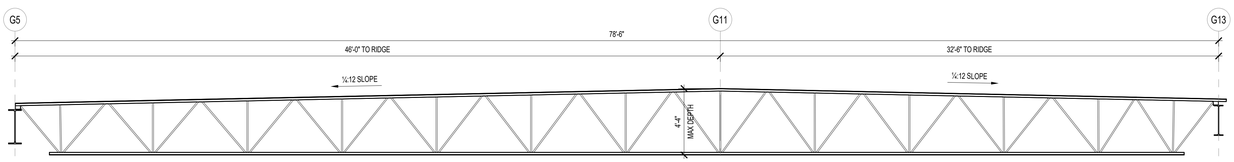
1. UNIFORM TOP CHORD LOADS:
   TL = 550 PLF
   SL = 215 PLF
2. NET WIND UPLIFT:
   20 PSF (WITHIN 12' OF BLDG PERIMETER)
   15 PSF (BALANCE OF ROOF AREA)
3. BOTTOM CHORD ADDITIONAL LOADS:
   BEND-CHECK LOAD: LL = 1000 LBS
   ADD LOAD: LL = 1000 LBS
4. SUSPENDED ATHLETIC EQUIPMENT:
   REF. NOTE 6 OF SPECIAL JOIST DESIGN NOTES ON THIS SHEET
5. DEFLECTION LIMITS:
   MAX TL DEFLECTION = L/240
   MAX LL/SL DEFLECTION = L/360 (EXCEPT AS NOTED ON PLAN)
6. CAMBER: SJI STANDARD (EXCEPT AS NOTED ON PLAN)

1 S311 JOIST ELEVATION & DESIGN DATA FOR 80DLH-SP1

SCALE: 1/4" = 1'-0"

SPECIAL JOIST DESIGN NOTES

1. GRAVITY LOADS SHOWN ARE UNFACTORED ALLOWABLE STRESS DESIGN LOADS.
2. WIND NET UPLIFT LOADS SHOWN INCLUDE THE EFFECTS OF DEAD LOAD & SELF-WEIGHT.
3. WEB MEMBER LAYOUT IS SHOWN FOR GRAPHICAL PURPOSES ONLY UNLESS NOTED OTHERWISE ON SPECIFIC ELEVATIONS. ACTUAL WEB LAYOUT IS TO BE DETERMINED BY THE JOIST SUPPLIER. PROVIDE ADDITIONAL WEB MEMBERS AT POINT LOADS AS REQUIRED (REF. DETAIL 16/S404).
4. PROVIDE BRIDGING PER SJI SPECIFICATIONS (REF. FRAMING PLAN NOTES). PROVIDE UPLIFT BRIDGING AT BOTTOM CHORD AS REQUIRED BY DESIGN.
5. PROVIDE NON-SJI STANDARD CAMBER WHERE NOTED ON FRAMING PLANS.
6. IN ADDITION TO THE LOADS SHOWN, COORDINATE MAGNITUDES & LOCATIONS OF ANY SUSPENDED EQUIPMENT LOADS (BASKETBALL GOALS, SCOREBOARDS, DIVIDER CURTAINS, ETC.) WITH EQUIPMENT SUPPLIERS & THE ARCHITECTURAL DRAWINGS.
7. REFERENCE THE FRAMING PLANS AND SECTIONS FOR JOIST END BEARING ELEVATION, SEAT DEPTHS, & TOP CHORD EXTENSION / EXTENDED END DIMENSIONS.

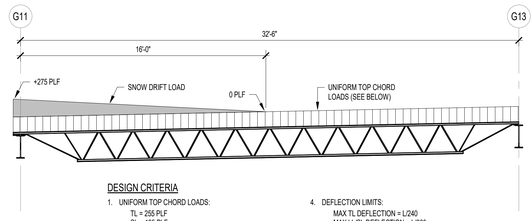


DESIGN CRITERIA

1. UNIFORM TOP CHORD LOADS:
   TL = 565 PLF
   SL = 240 PLF
2. NET WIND UPLIFT:
   20 PSF (WITHIN 12' OF BLDG PERIMETER)
   15 PSF (BALANCE OF ROOF AREA)
3. DEFLECTION LIMITS:
   MAX TL DEFLECTION = L/240
   MAX LL/SL DEFLECTION = L/360
4. CAMBER: SJI STANDARD

2 S311 JOIST ELEVATION & DESIGN DATA FOR 52DLH-SP1

SCALE: 1/4" = 1'-0"



DESIGN CRITERIA

1. UNIFORM TOP CHORD LOADS:
   TL = 255 PLF
   SL = 105 PLF
2. SNOW DRIFT LOAD: SEE LOADING DIAGRAM ABOVE
3. NET WIND UPLIFT: 15 PSF
4. DEFLECTION LIMITS:
   MAX TL DEFLECTION = L/240
   MAX LL/SL DEFLECTION = L/360
5. CAMBER: SJI STANDARD

3 S311 JOIST ELEVATION & DESIGN DATA FOR 24K-SP1

SCALE: 1/4" = 1'-0"

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Indianapolis, IN 46203

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. The Contract Documents are intended to show or describe all work required for full performance and completion of the requirements of the Contract.
Within the Contract Documents, each scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

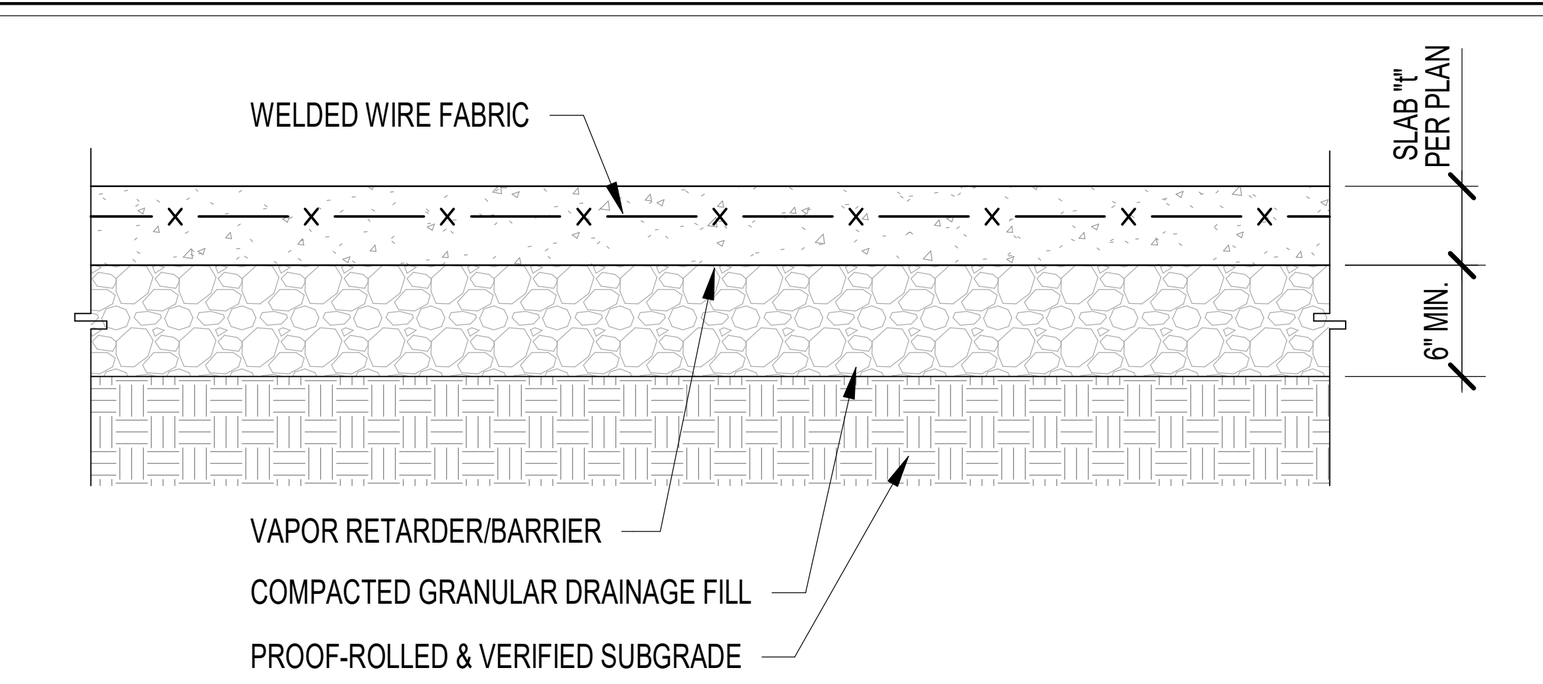
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRV	MDL

DRAWING TITLE:
SPECIAL JOIST ELEVATIONS

CERTIFIED BY:
MARK D. LAVIER
REGISTERED
PE19400114
STATE OF
INDIANA
PROFESSIONAL ENGINEER

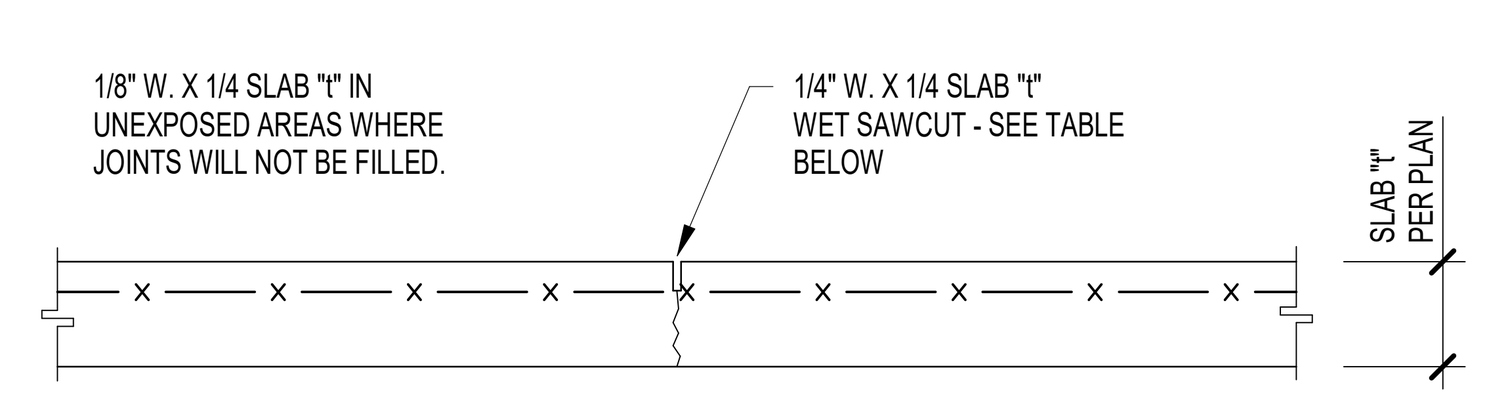
DRAWING NUMBER
S311

PROJECT NUMBER
2023061



1. LOCATE WELDED WIRE FABRIC IN UPPER THIRD OF SLAB. SUPPORT ON BOLSTERS, CHAIRS, OR CONCRETE BRICKS.
2. LAP WELDED WIRE FABRIC A MIN. OF ONE FULL MESH SPACING.
3. THE USE OF POLYPROPYLENE FIBER IN LIEU OF WELDED WIRE FABRIC AS A SECONDARY REINFORCEMENT IS PERMISSIBLE, UNLESS OTHERWISE NOTED. NOTE: FIBER MAY NOT BE SUBSTITUTED FOR W.W.F. IN SUPPORTED SLABS.
4. SEE PLAN, NOTES, AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS SUCH AS FINISH, JOINTING, CURING, ETC.
5. SLAB SLOPES TO FLOOR DRAINS. REF. PLUMBING DRAWINGS.

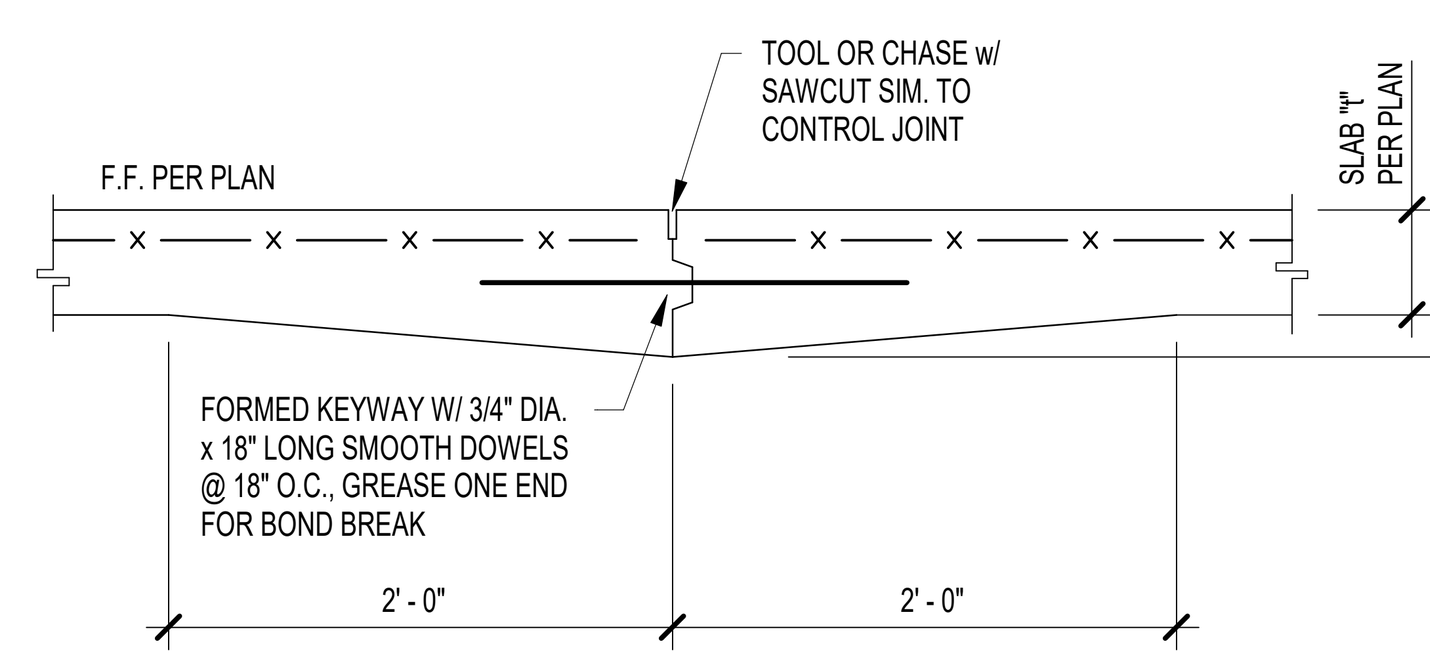
1/S401 SLAB ON GRADE CONSTRUCTION
SCALE: NONE



CONTROL JOINTS SHALL BE SAWN NOT LATER THAN THE FOLLOWING TABLE, OR 16 HOURS AFTER FINAL TROWELING (WHICHEVER IS LESS), WHERE TEMP. EQUALS THE AMBIENT TEMPERATURE IN DEGREES FAHRENHEIT AT THE TIME OF FINAL TROWELING. SAWCUTTING SHALL BE SUSPENDED ONLY IF THE LARGE AGGREGATE IS DISLODGED OR LOOSENED. ALTERNATE: USE PRE-FORMED JOINT FORMER.

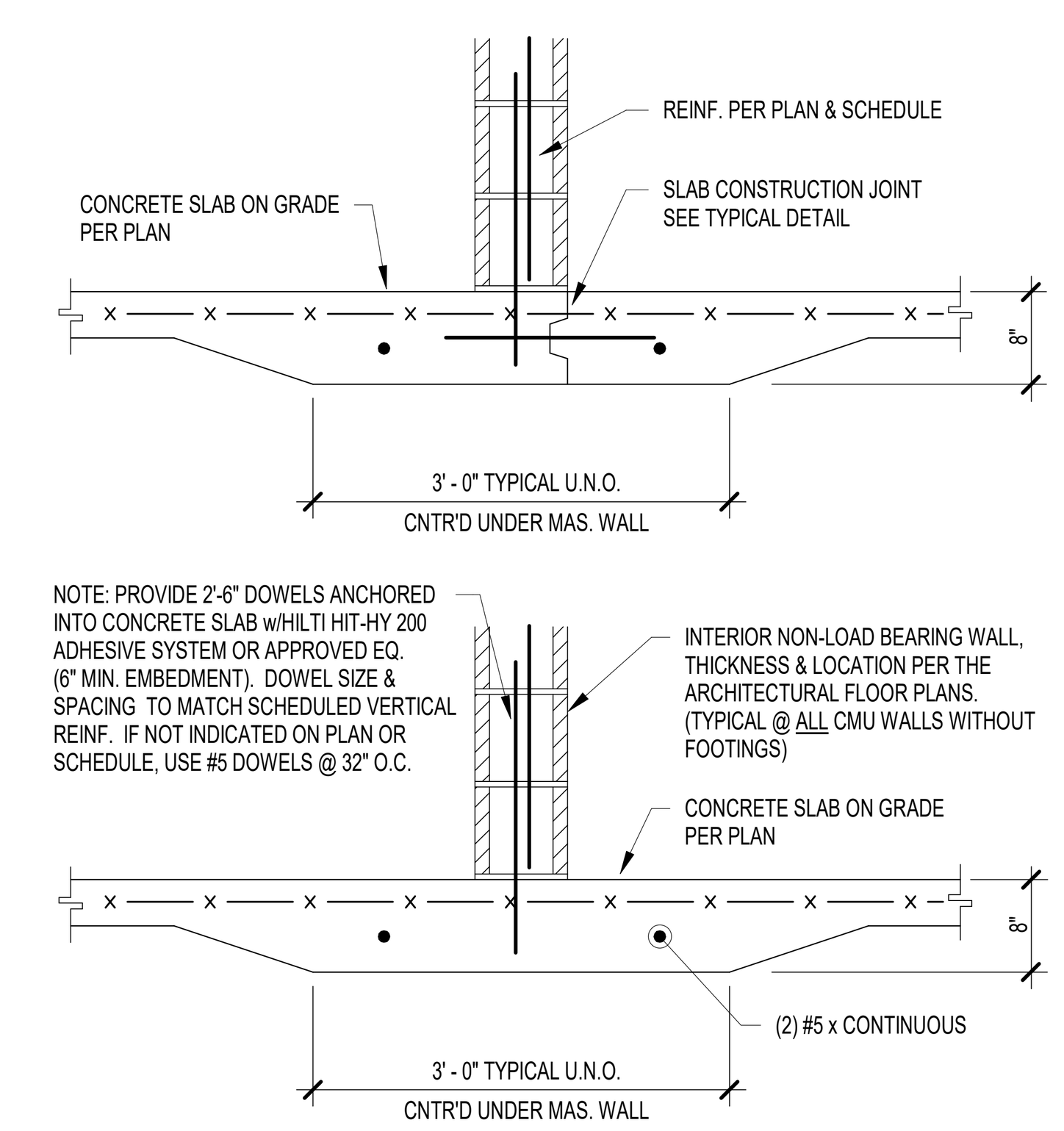
TEMP, °F	TIME, HOURS
<40°	16
50°	14
60°	8 1/2
70°	5 1/2
80°	4
90°	3

2/S401 SLAB CONTROL/CONTRACTION JOINT
SCALE: NONE

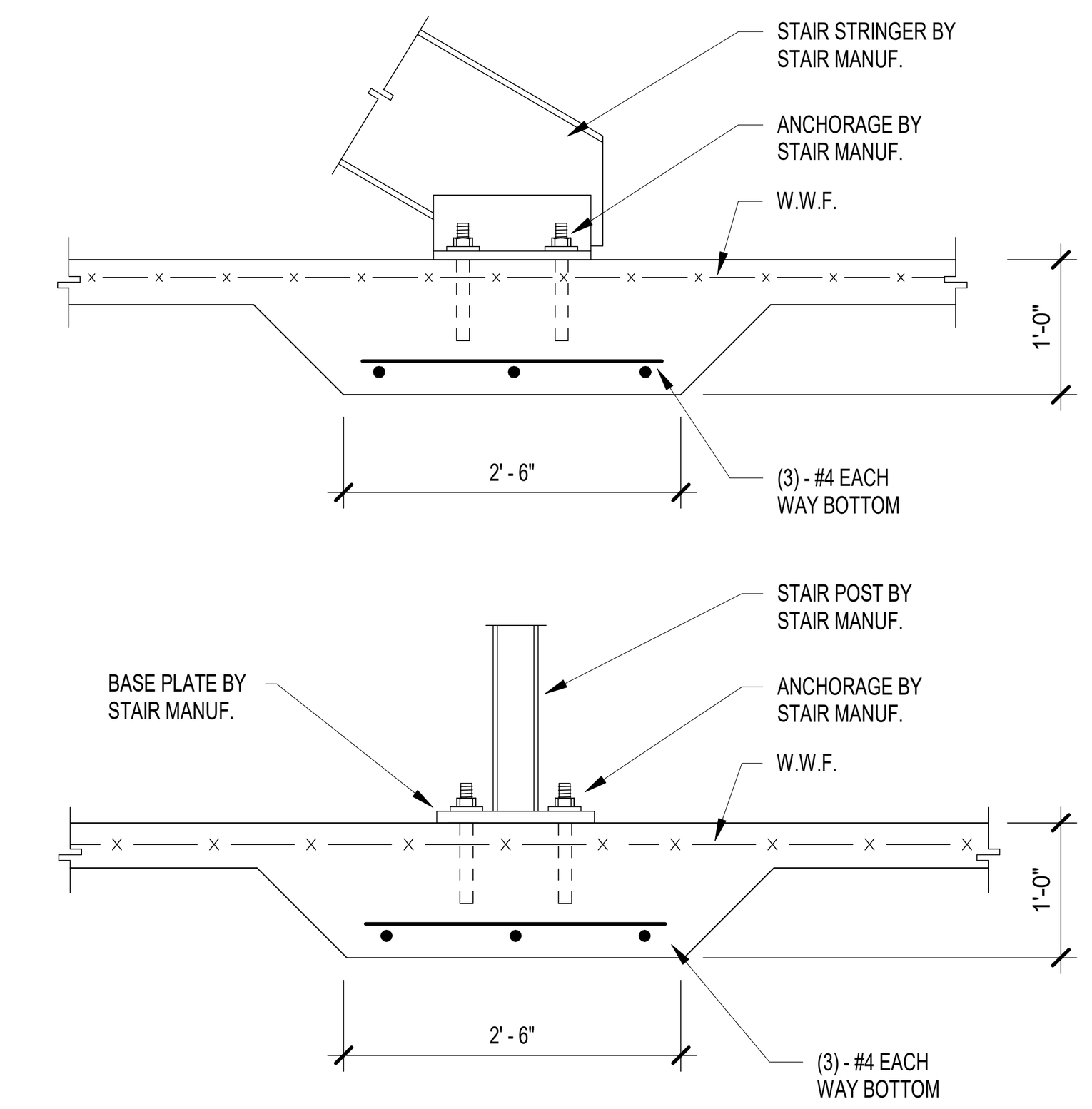


PROVIDE CONSTRUCTION JOINT IN LIEU OF CONTROL JOINT AT TERMINATION OF POUR

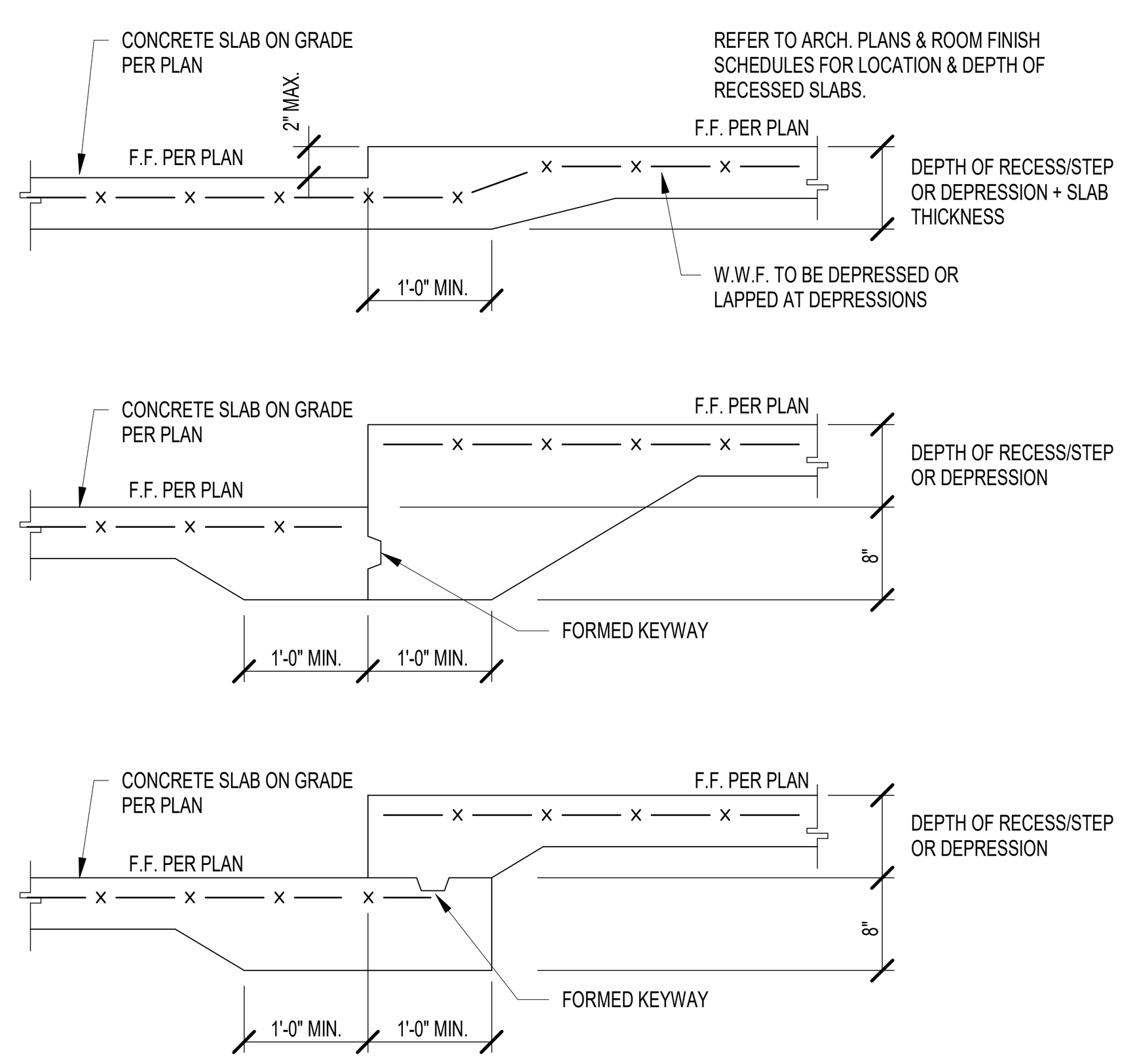
3/S401 SLAB CONSTRUCTION JOINT
SCALE: NONE



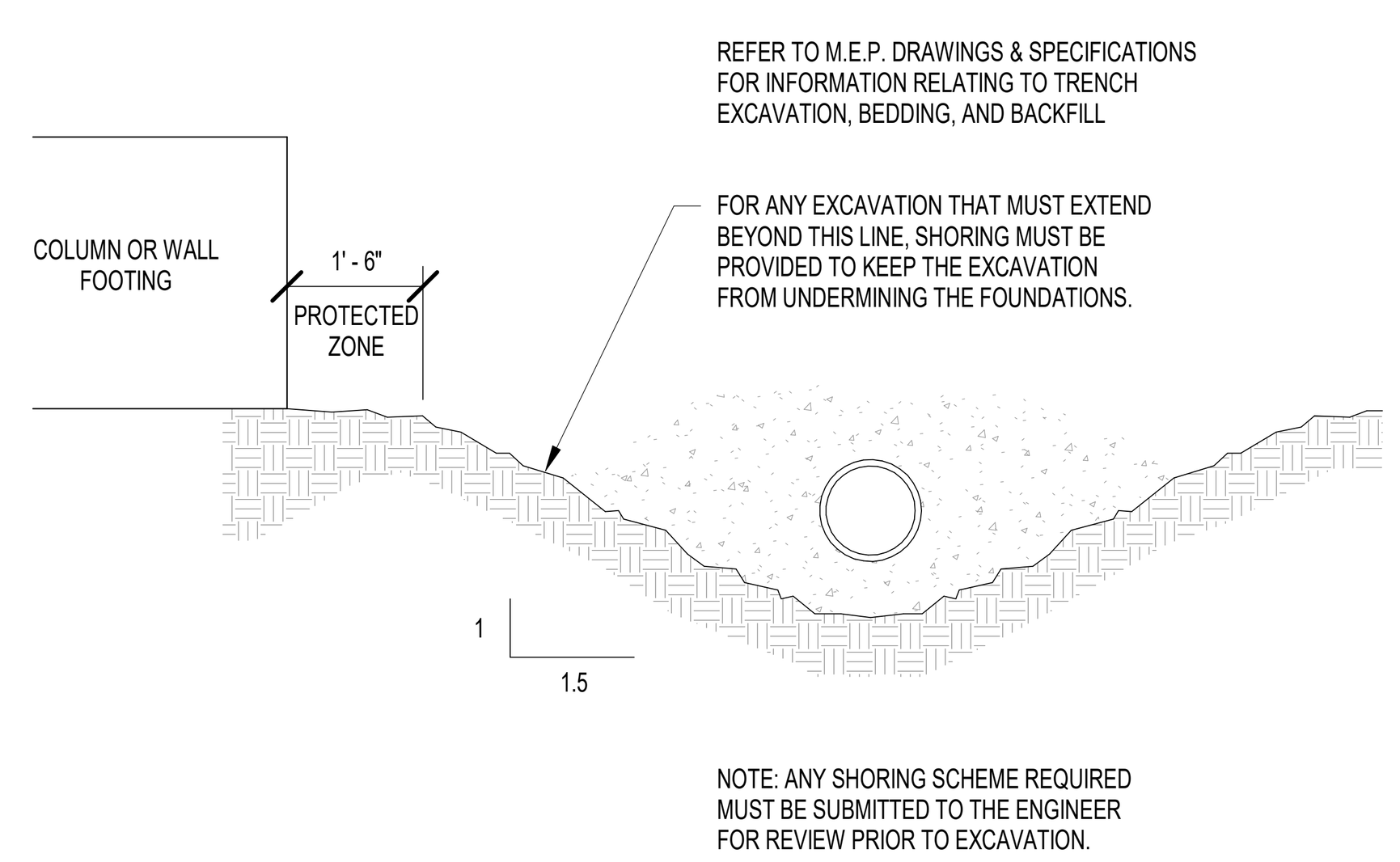
4/S401 THICKENED SLAB DETAILS
SCALE: NONE



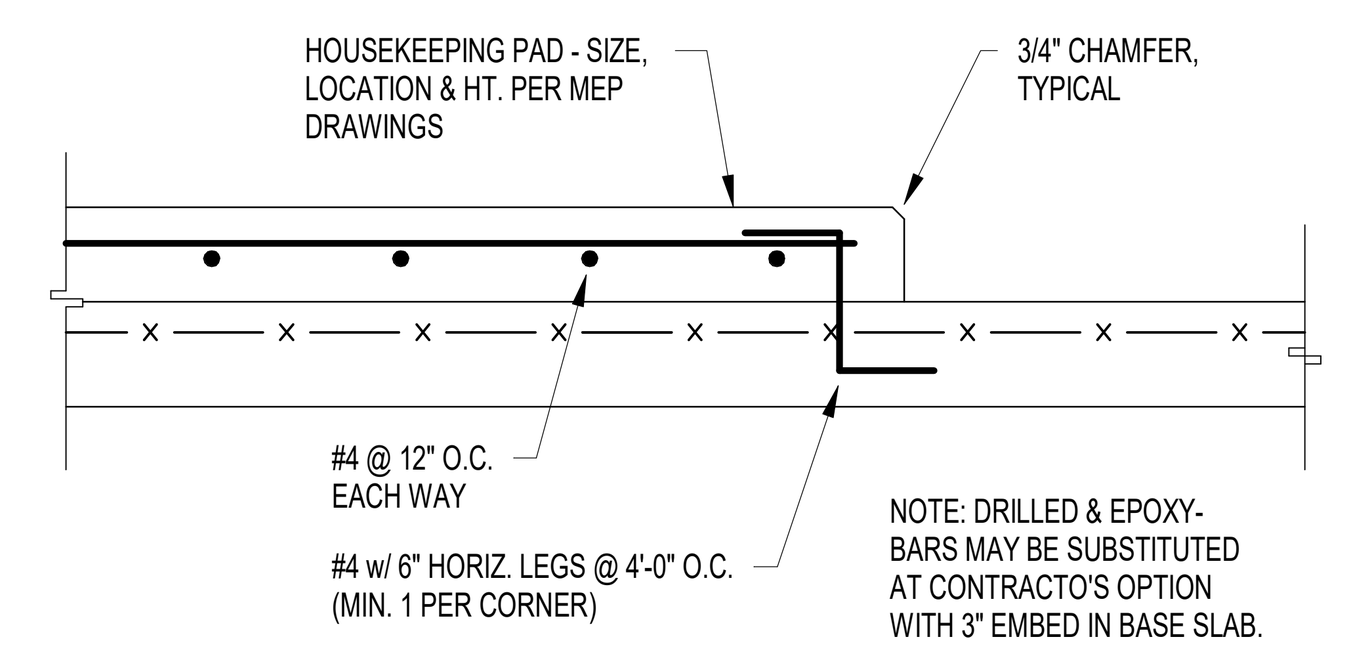
5/S401 THICKENED SLAB AT STAIR POSTS
SCALE: NONE



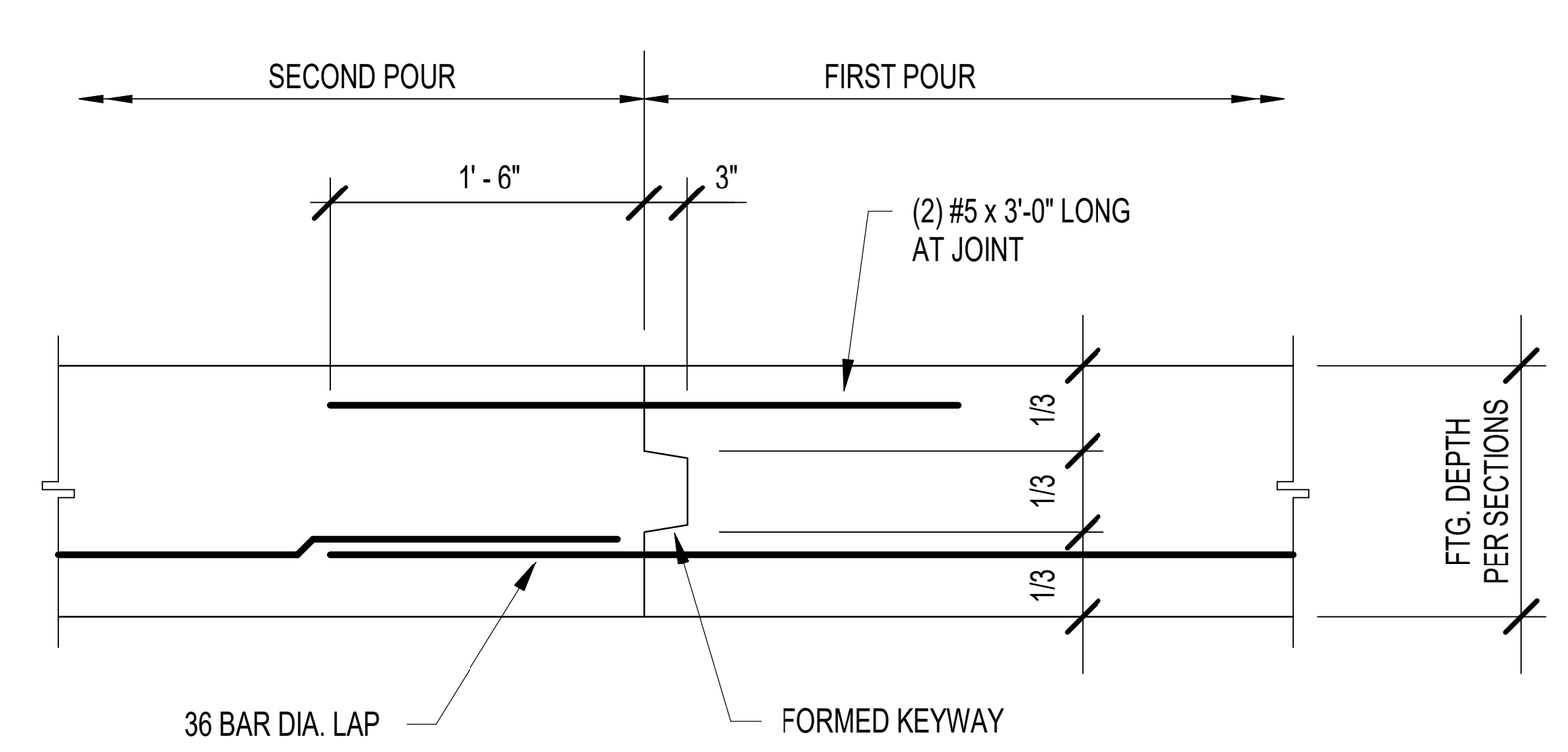
6/S401 RECESSED SLAB DETAIL
SCALE: NONE



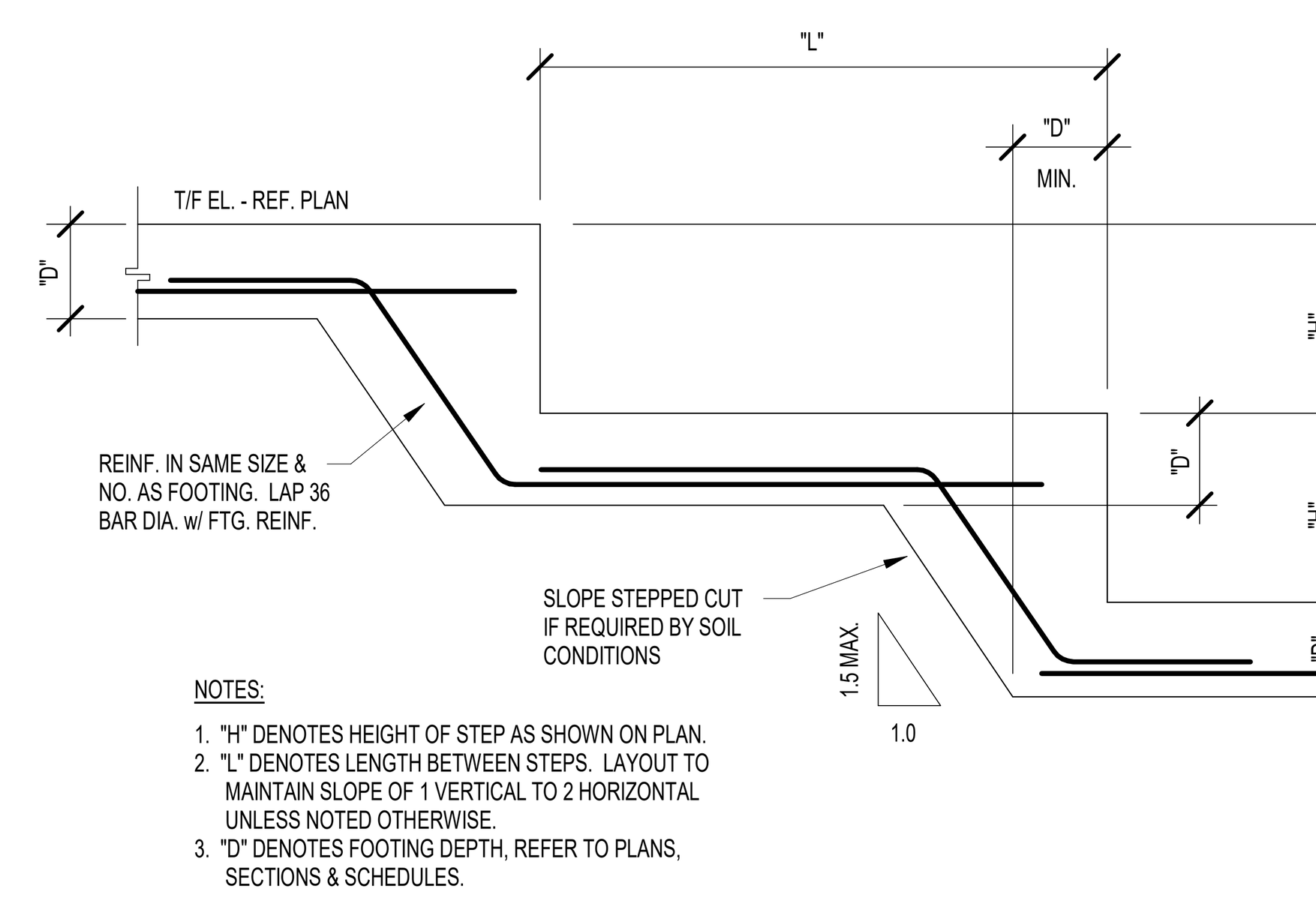
7/S401 EXCAVATION LIMITS DETAIL
SCALE: NONE



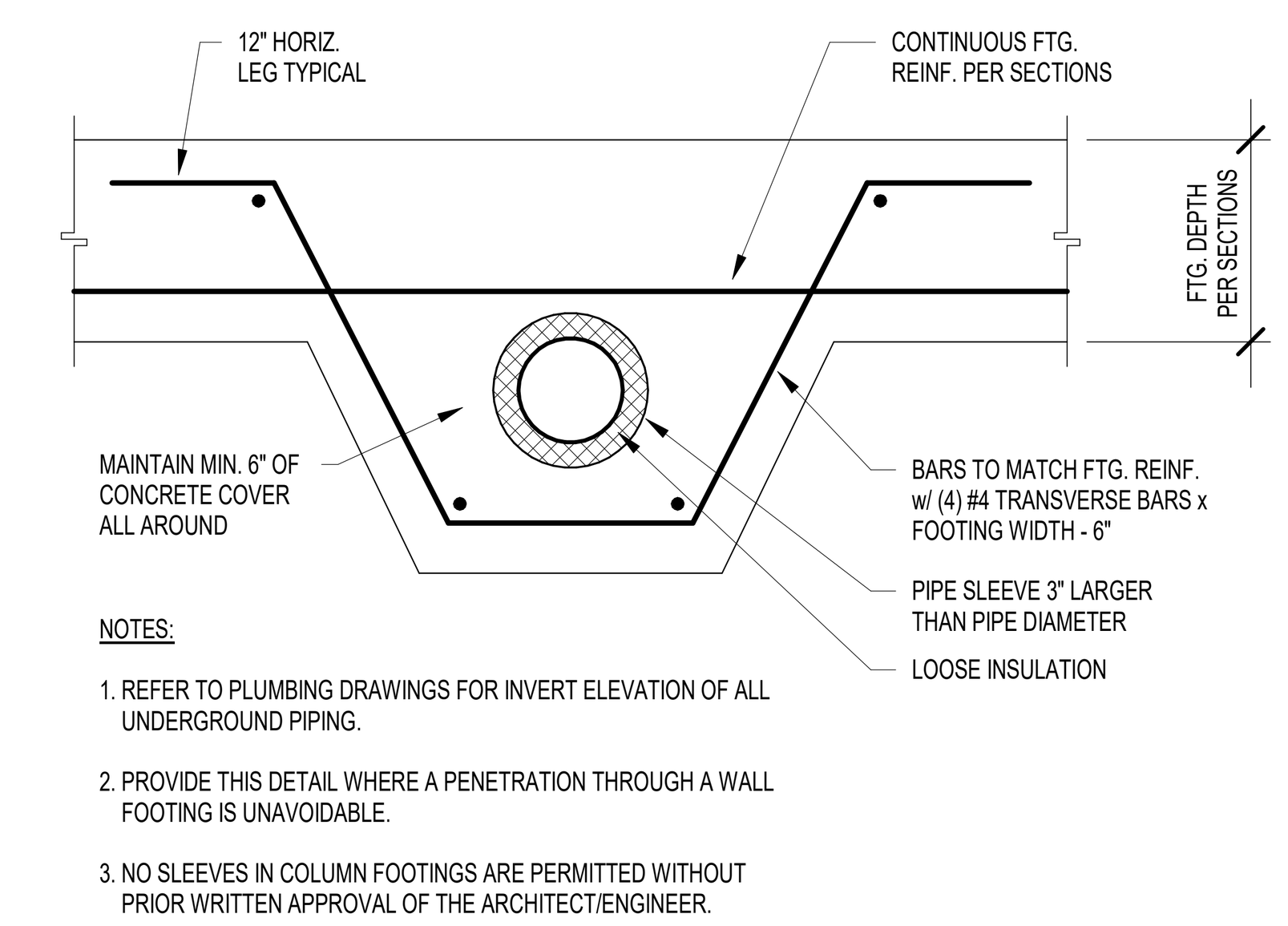
8/S401 MECHANICAL EQUIPMENT PAD DETAIL
SCALE: NONE



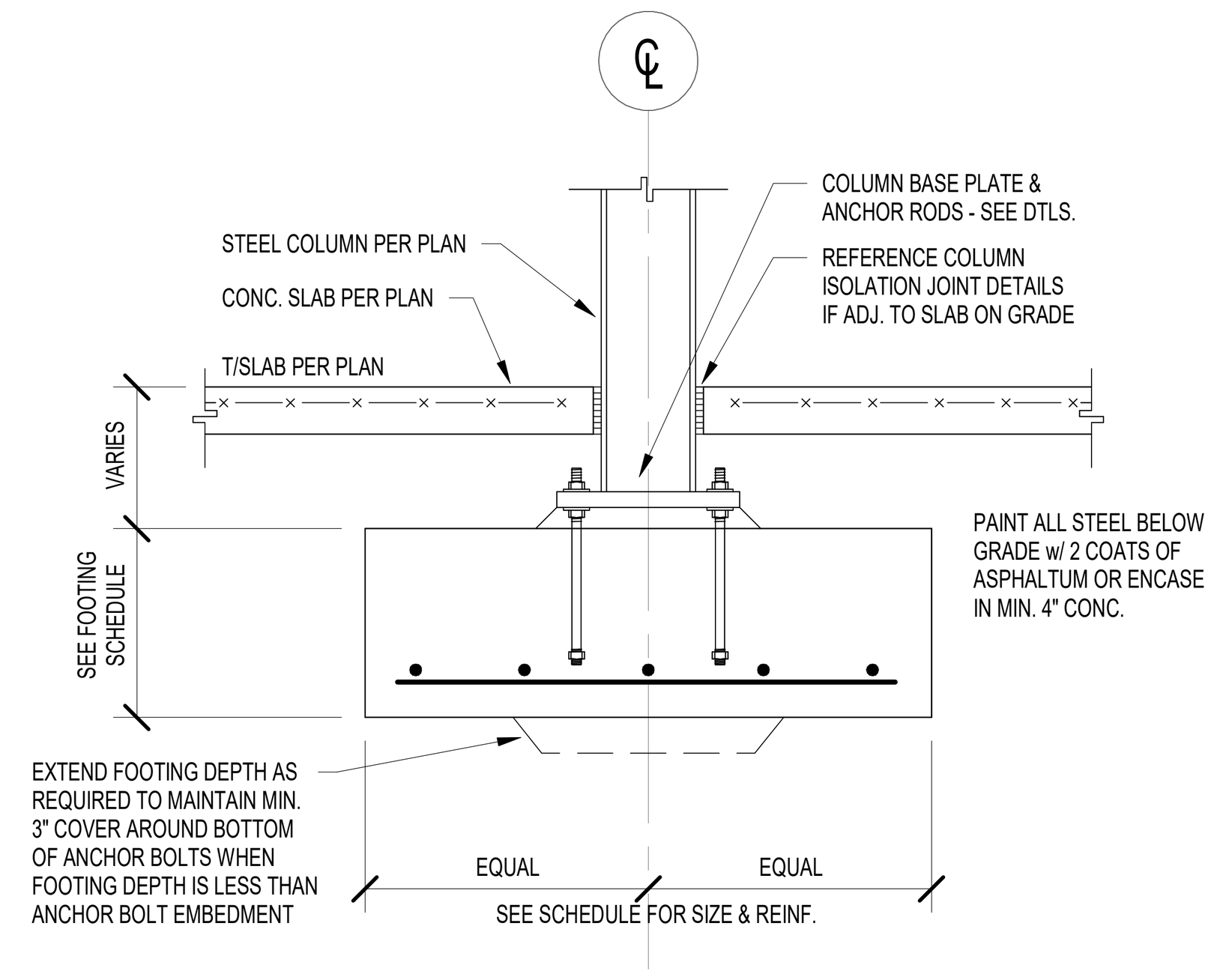
9/S401 WALL FOOTING CONSTRUCTION JOINT
SCALE: NONE



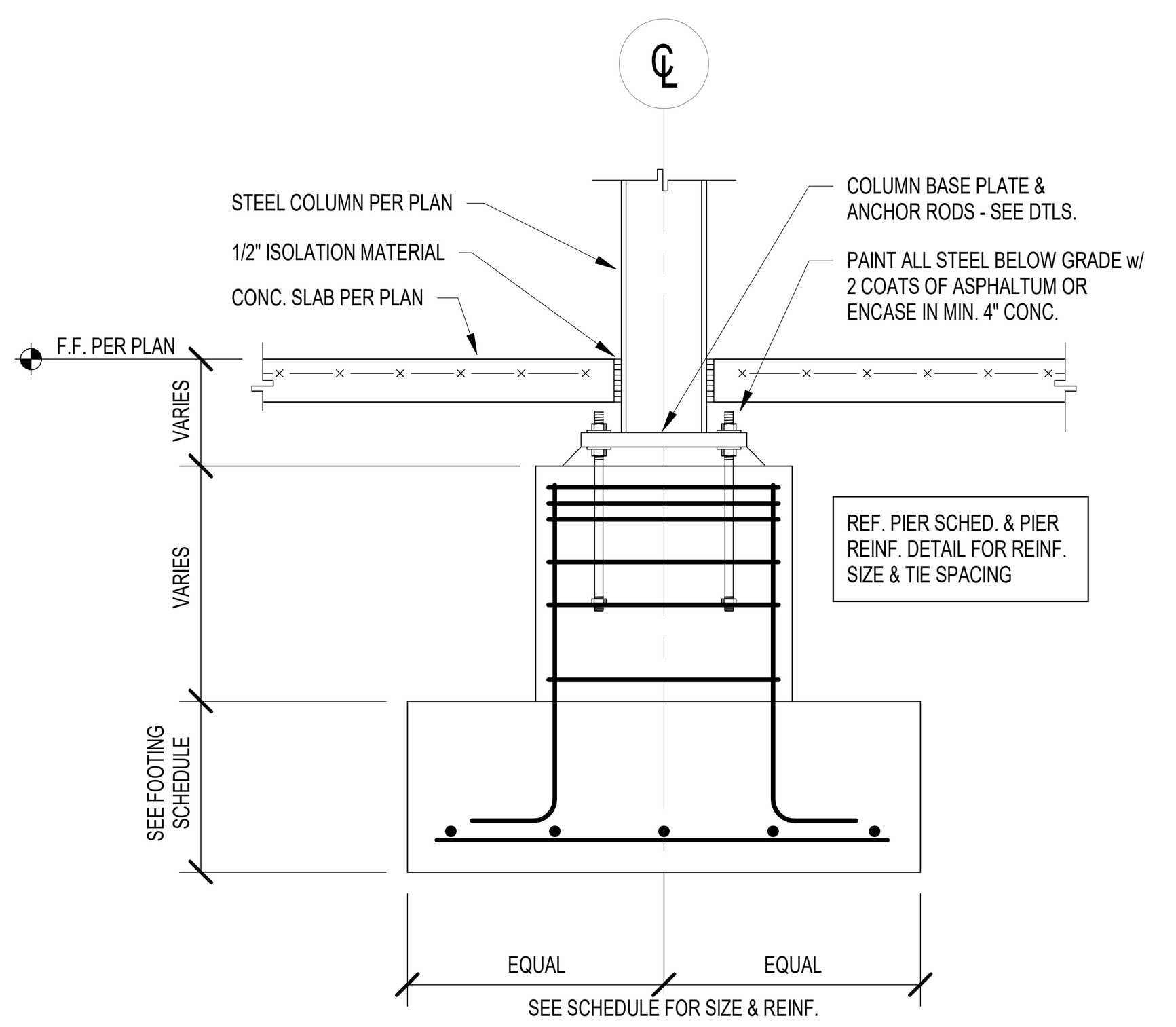
10/S401 STEPPED WALL FOOTING DETAIL
SCALE: NONE



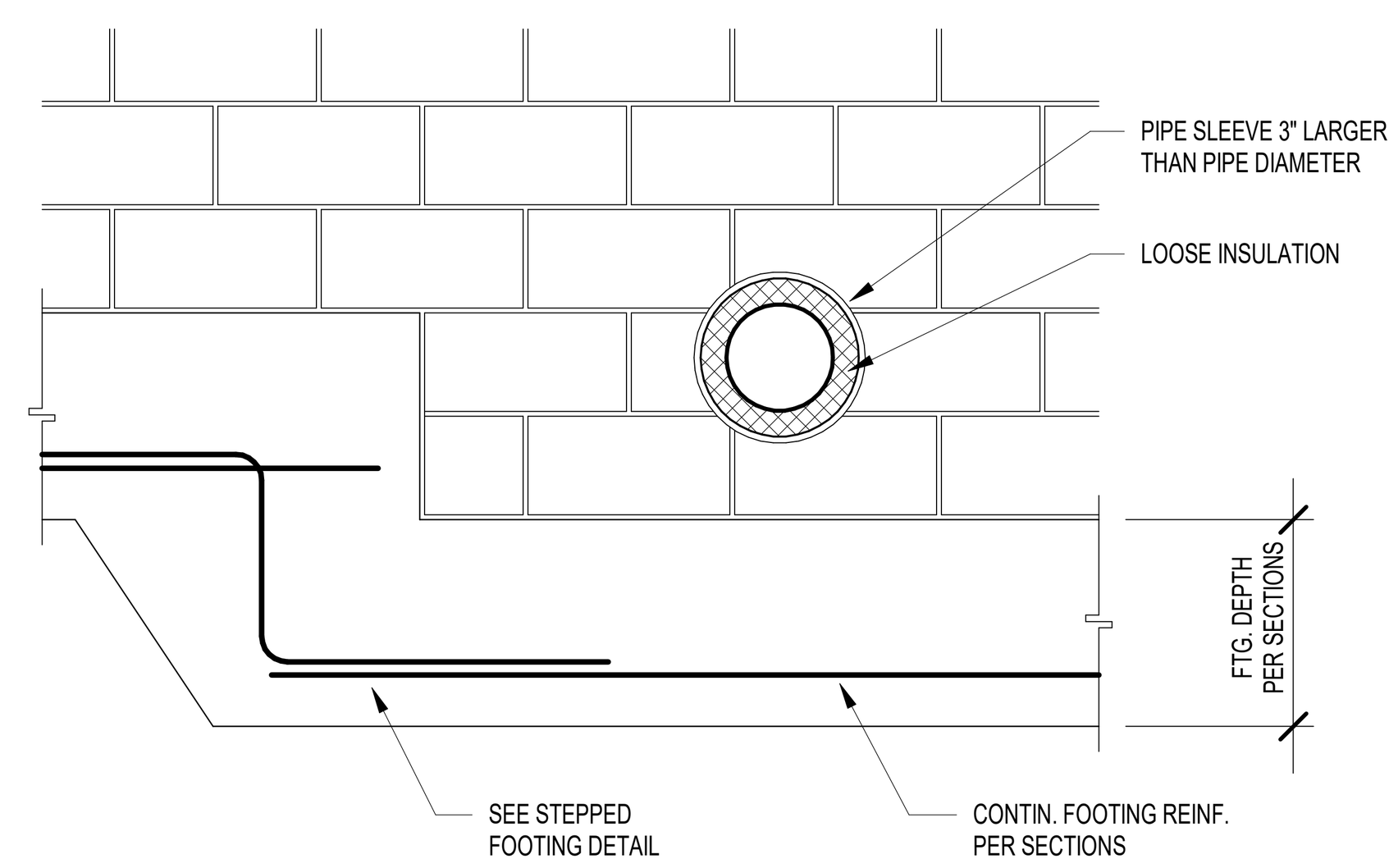
11/S401 WALL FOOTING SLEEVE DETAIL
SCALE: NONE



12/S401 TYPICAL INTERIOR COLUMN FOOTING DETAIL
SCALE: NONE



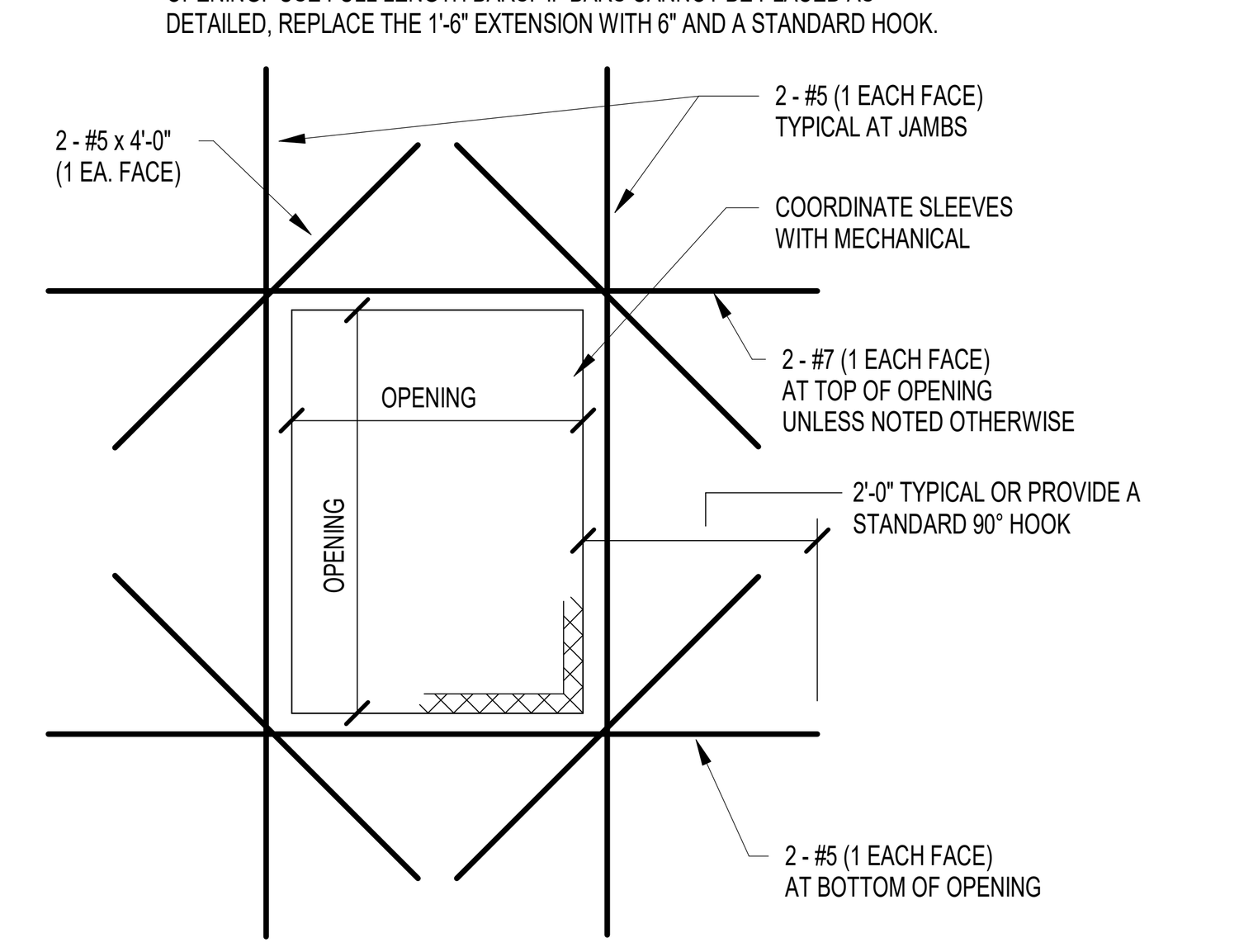
13/S401 INTERIOR COLUMN FOOTING w/PIER DETAIL
SCALE: NONE



NOTES:
1. REFER TO PLUMBING DRAWINGS FOR INVERT ELEVATION OF ALL UNDERGROUND PIPING.
2. STEP FOOTING FOR PIPE PENETRATION THROUGH FOUNDATION WALL UNLESS WRITTEN PERMISSION IS OBTAINED FROM THE MEP ENGINEER.
3. PROVIDE PRECAST OR BOND BEAM LINTEL FOR MULTIPLE PENETRATIONS OR OPENINGS GREATER THAN 24" IN WIDTH.

14/S401 CMU FOUNDATION WALL SLEEVE
SCALE: NONE

NOTE: WHERE VERTICAL REINFORCING IS INTERRUPTED BY THE OPENING, HALF OF THE INTERRUPTED STEEL SHALL BE ADDED EACH SIDE OF THE OPENING. USE FULL LENGTH BARS. IF BARS CANNOT BE PLACED AS DETAILED, REPLACE THE 1'-6" EXTENSION WITH 6" AND A STANDARD HOOK.

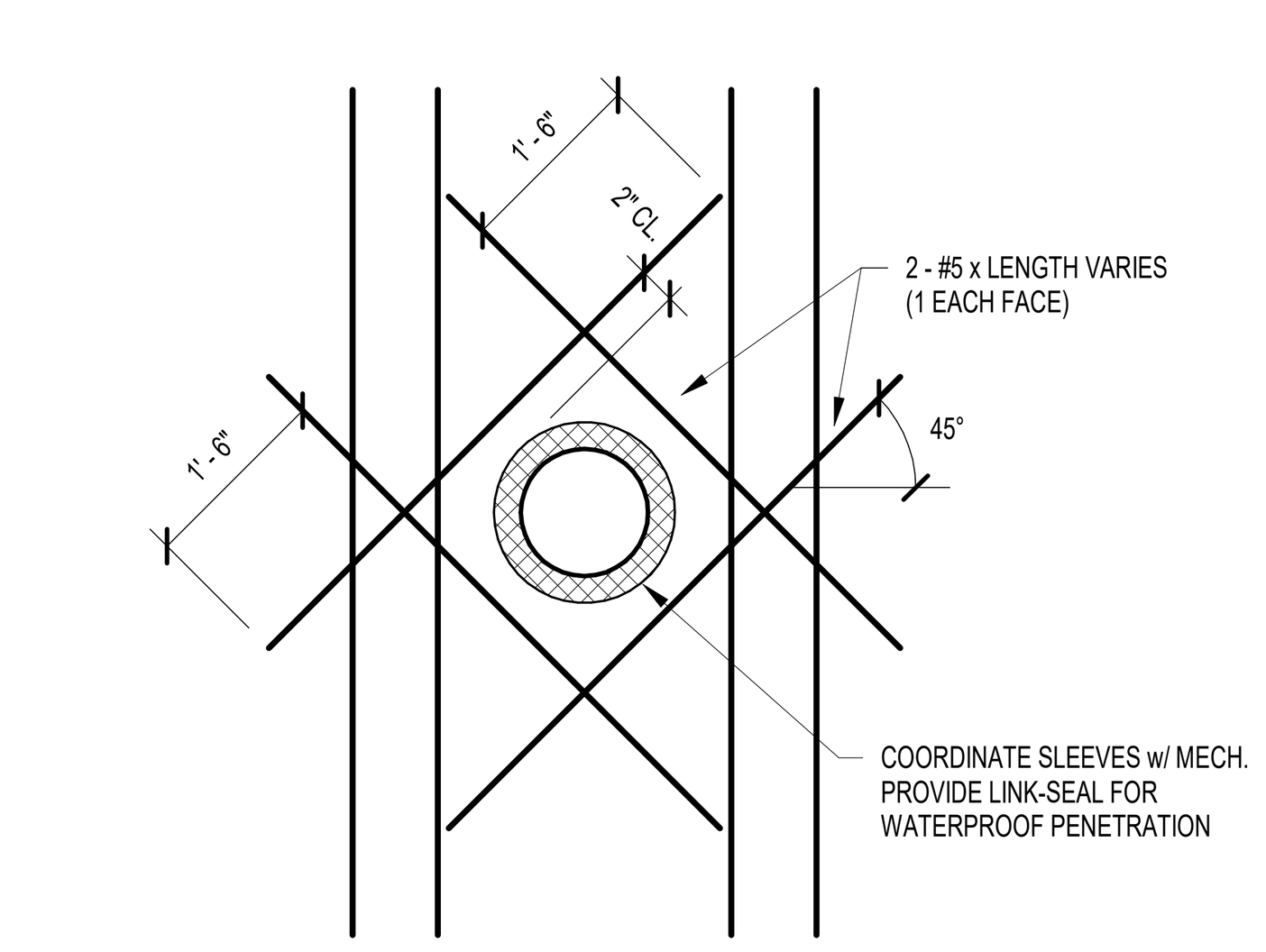


NOTE: COORDINATE FINAL LOCATION OF MECHANICAL PENETRATIONS WITH MECHANICAL CONTRACTOR BEFORE INSTALLATION OF THE REINFORCING.

THIS DETAIL APPLIES TO ALL SQUARE AND RECTANGULAR OPENINGS IN CONCRETE WALLS UNLESS OTHERWISE NOTED ON THE PLANS.

15/S401 CIP WALL - RECTANGULAR OPENING DETAIL
SCALE: NONE

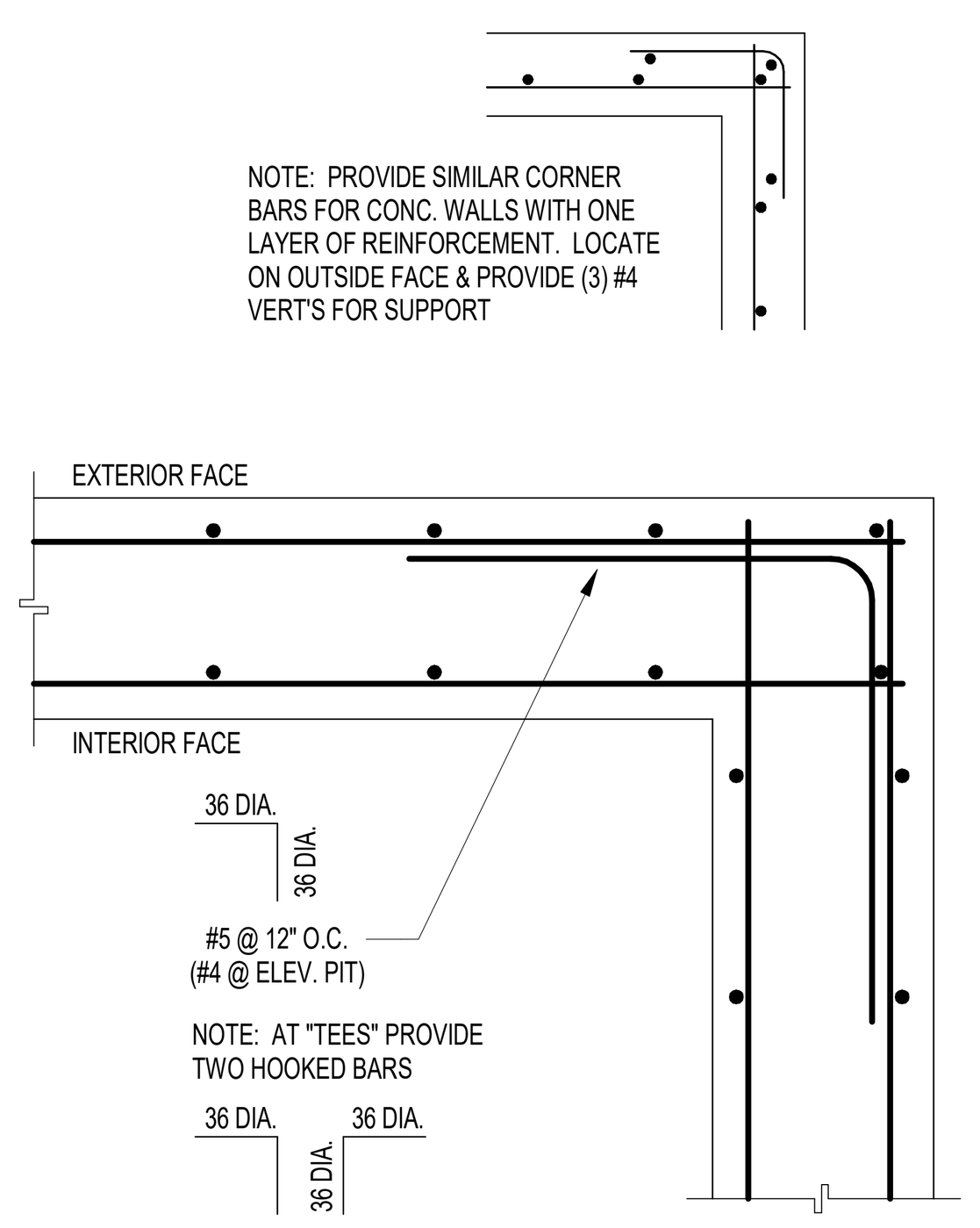
NOTE: WHERE VERTICAL REINFORCING IS INTERRUPTED BY THE OPENING, HALF OF THE INTERRUPTED STEEL SHALL BE ADDED EACH SIDE OF THE OPENING. USE FULL LENGTH BARS. IF BARS CANNOT BE PLACED AS DETAILED, REPLACE THE 1'-6" EXTENSION WITH 6" AND A STANDARD HOOK.



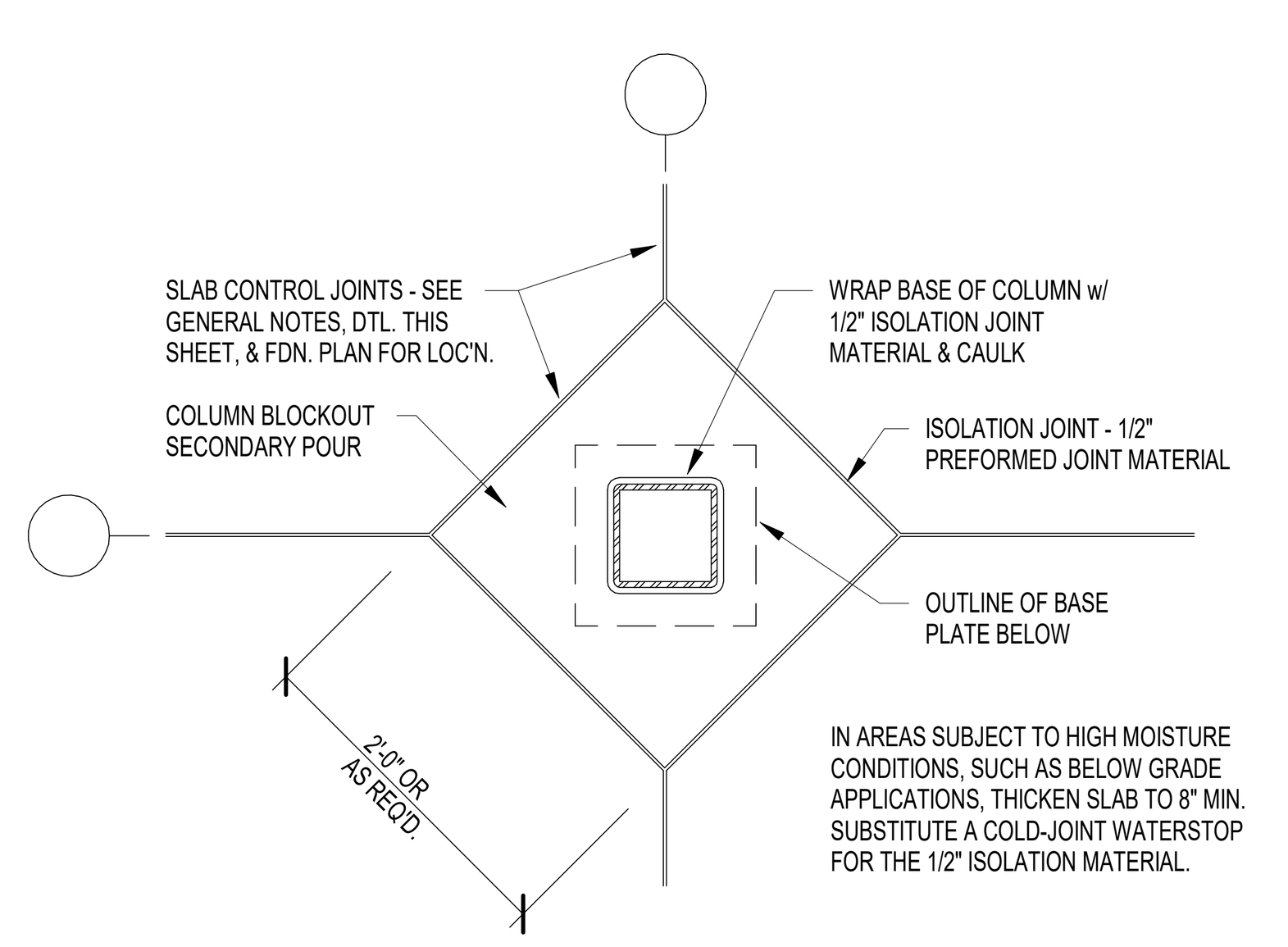
NOTE: COORDINATE FINAL LOCATION OF PIPE PENETRATIONS WITH MECHANICAL CONTRACTOR BEFORE INSTALLATION OF THE REINFORCING.

THIS DETAIL APPLIES TO ALL ROUND AND ELLIPTICAL OPENINGS IN CONCRETE WALLS, UNLESS OTHERWISE NOTED ON THE PLANS.

16/S401 CIP WALL - ROUND OPENING DETAIL
SCALE: NONE

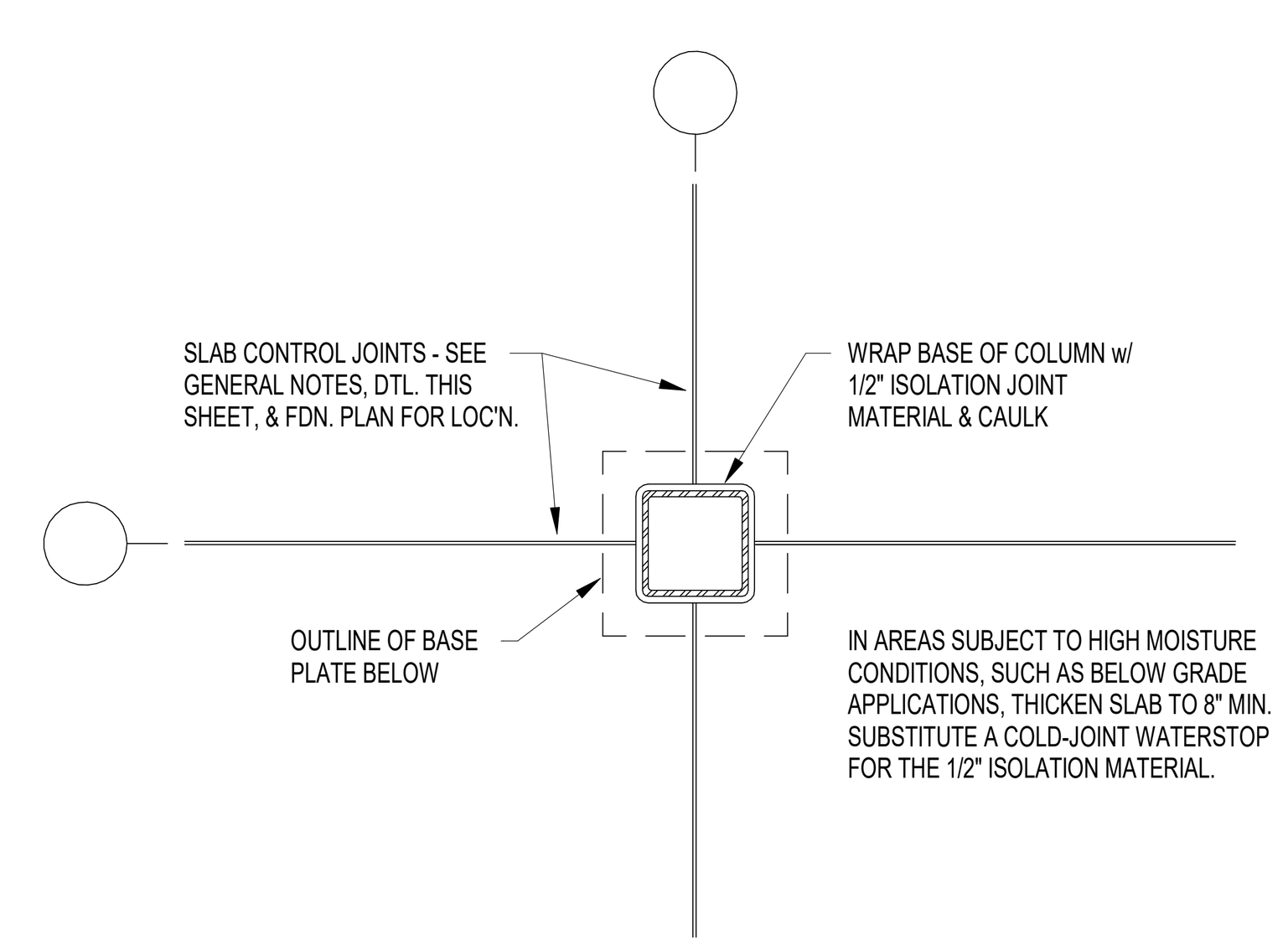


17/S401 CIP WALL CORNER REINF. DETAIL
SCALE: NONE



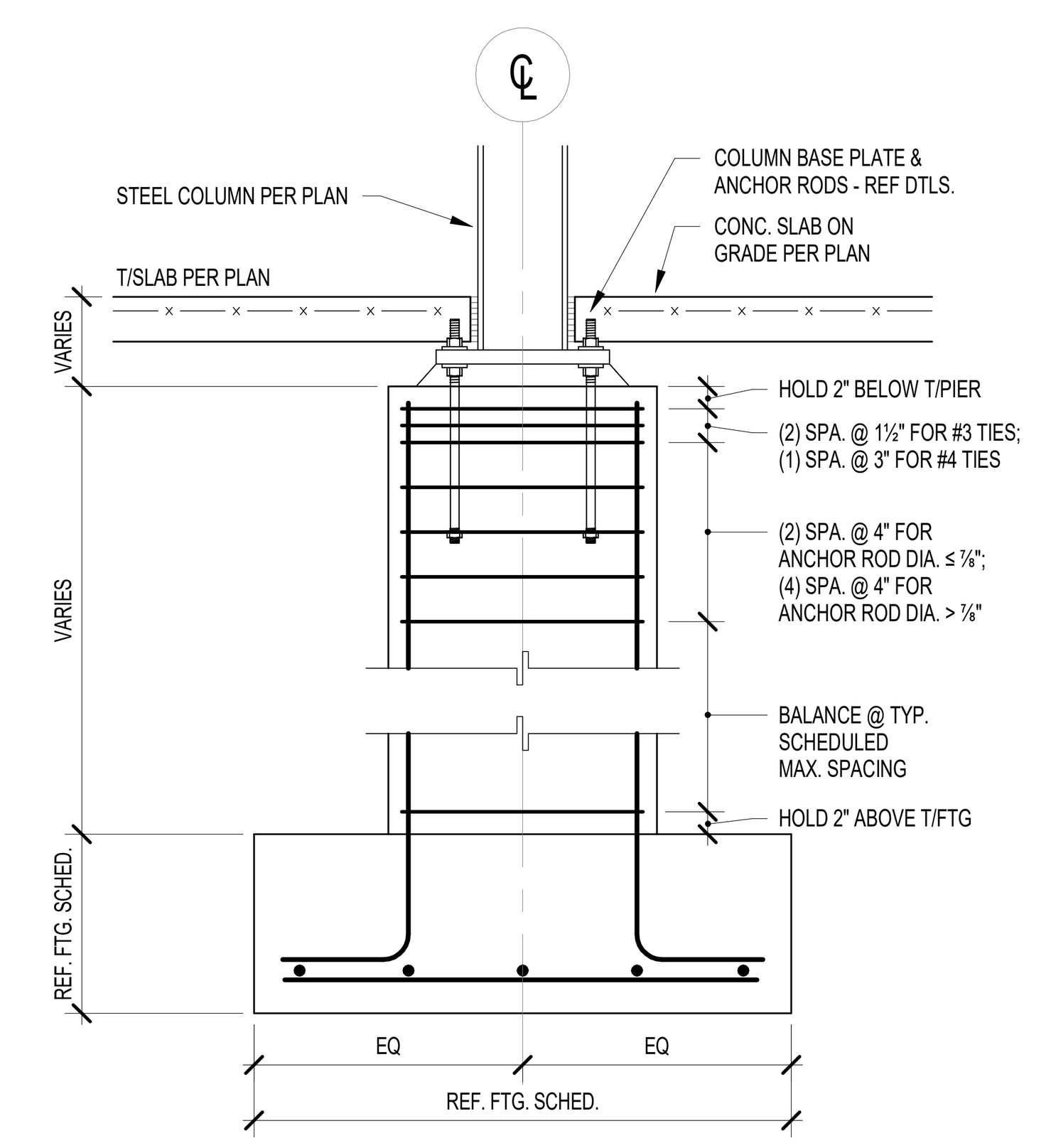
1. TUBE COLUMN SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. WIDE FLANGES, PIPES, AND OTHER STEEL SHAPES ARE SIMILAR.
2. ADJUST 2'-0" DIMENSION AS REQUIRED TO ACCOMMODATE COLUMN BASE PLATES AND GROUTING PROCEDURES.
3. WHERE THIN-SET EPOXY TERRAZZO OR VINYL SHEET GOODS ARE THE SCHEDULED FLOOR FINISH, ELIMINATE THE DIAMOND-SHAPED ISOLATION JOINT AND EXTEND THE CONTROL JOINTS TO THE COLUMN.

18/S401 COLUMN ISOLATION JOINT DETAIL
SCALE: NONE

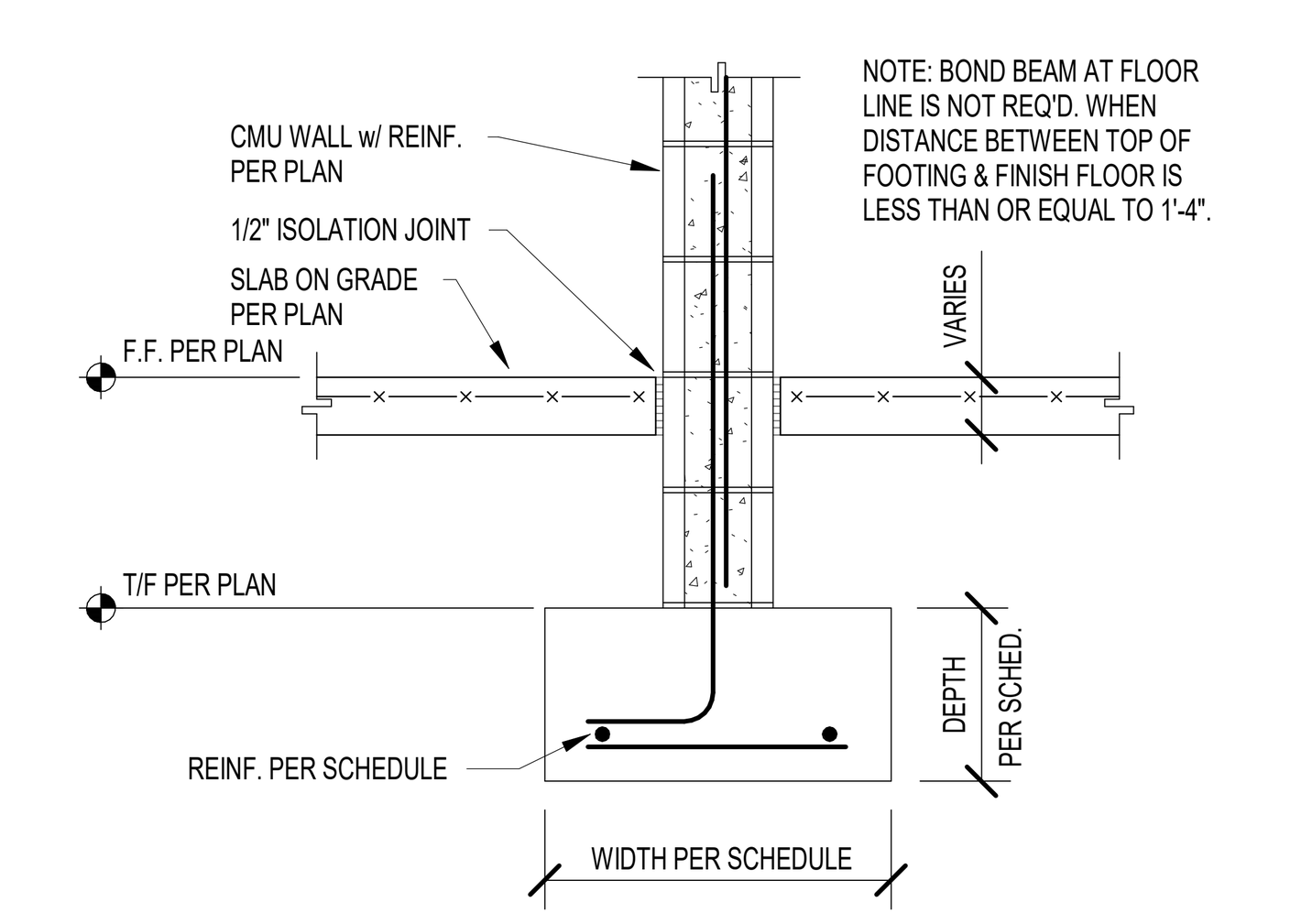


NOTE: THIS DETAIL SHOULD BE USED IN LIEU OF A DIAMOND OR ROUND ISOLATION JOINT TO PREVENT TELEGRAPHING THROUGH FINISH FLOOR MATERIALS SUCH AS THIN-SET TERRAZZO, CERAMIC TILE, VINYL TILE, ETC. SOME MINOR RANDOM SHRINKAGE CRACKS SHOULD BE ANTICIPATED. DETAIL IS SIMILAR AT WIDE-FLANGE COLUMNS.

19/S401 COLUMN ISOLATION JOINT DETAIL
SCALE: NONE



20/S401 CONCRETE PIER REINFORCING DETAIL
SCALE: NONE



21/S401 INTERIOR WALL FOOTING DETAIL
SCALE: NONE

W

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F 317.423.1551

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

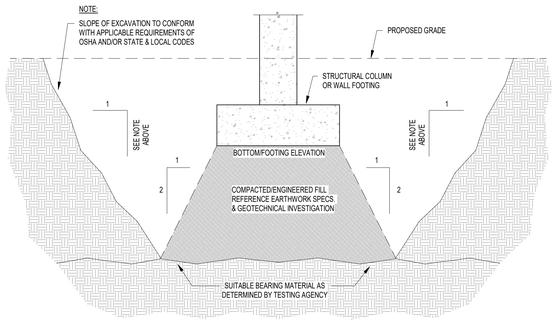
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRV	MDL

DRAWING TITLE:
TYPICAL DETAILS

CERTIFIED BY:
MARK D. LaVIER
REGISTERED
PE19400114
STATE OF INDIANA
PROFESSIONAL ENGINEER

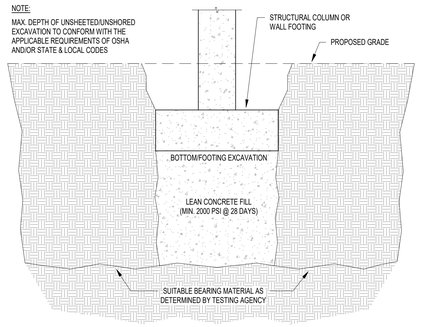
DRAWING NUMBER
S401

PROJECT NUMBER
2023061



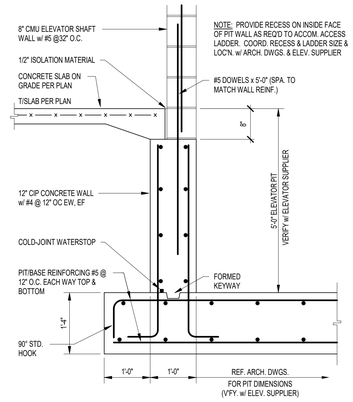
1. REFER TO THE SPECIFICATIONS FOR APPLICATION OF UNIT COSTS FOR REMOVAL OF UNSUITABLE BEARING MATERIAL & REPLACEMENT WITH COMPACTED, ENGINEERED FILL
2. REFER TO THE GEOTECHNICAL ENGINEERING REPORT FOR ADDITIONAL INFORMATION RE: EXPECTED SOIL CONDITIONS, SUITABILITY OF EX. SOILS FOR USE AS ENGINEERED FILL, GROUNDWATER CONDITIONS, ETC.

1 S402 OVEREXCAVATION DETAIL - ENGINEERED FILL
SCALE: NONE

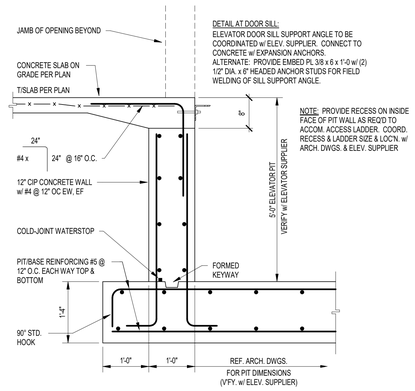


1. REFER TO THE SPECIFICATIONS FOR APPLICATION OF UNIT COSTS FOR REMOVAL OF UNSUITABLE BEARING MATERIAL & REPLACEMENT WITH LEAN CONCRETE FILL.
2. REFER TO THE GEOTECHNICAL ENGINEERING REPORT FOR ADDITIONAL INFORMATION RE: EXPECTED SOIL CONDITIONS, SUITABILITY OF EX. SOILS FOR USE AS ENGINEERED FILL, GROUNDWATER CONDITIONS, ETC.

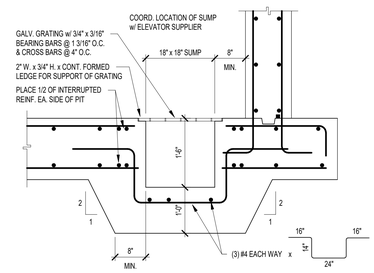
2 S402 OVEREXCAVATION DETAIL - LEAN CONC. FILL
SCALE: NONE



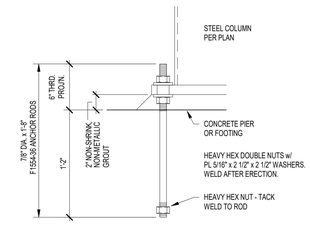
3 S402 ELEVATOR PIT DETAIL
SCALE: NONE



4 S402 ELEVATOR PIT DETAIL AT DOOR
SCALE: NONE

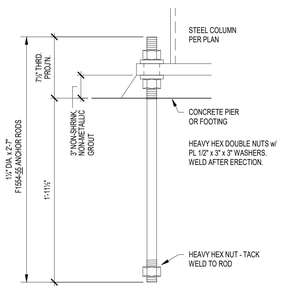


5 S402 ELEVATOR SUMP PIT DETAIL
SCALE: NONE



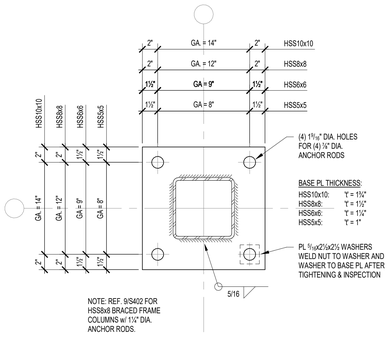
NOTES:
1. LOCATION OF ANCHOR RODS MUST NOT VARY MORE THAN 1/8" CENTER-TO-CENTER OF ANY TWO RODS WITHIN AN ANCHOR ROD GROUP.
2. HOLD MAX. DEVIATION OF 1/4", CENTER-TO-CENTER OF ADJACENT ANCHOR ROD GROUPS.
3. HOLD ELEVATION OF THE TOP OF THE ANCHOR RODS TO +/- 1/2 INCH.
4. HOLD MAXIMUM DEVIATION OF 1/4" FROM THE CENTER OF ANY ANCHOR ROD GROUP TO THE ESTABLISHED COLUMN LINE THROUGH THAT GROUP.
5. REFER TO THE AISC CODE OF STANDARD PRACTICE FOR ADDITIONAL INFORMATION.
6. TESTING AGENCY TO INSPECT TIGHTENING/TENSIONING OF ALL ANCHOR ROD NUTS IN BRACED FRAMES AND MOMENT FRAMES. WELD NUT & WASHER AFTER INSPECTION.

6 S402 7/8" DIA. ANCHOR ROD DETAIL
SCALE: NONE



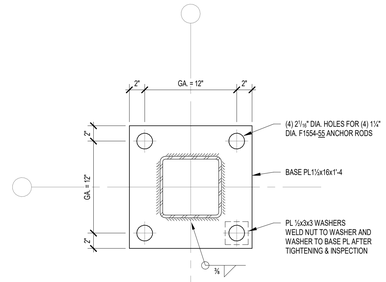
NOTES:
1. REF. DETAIL 6/S402 FOR BALANCE OF NOTES.

7 S402 1¼" DIA. ANCHOR ROD DETAIL
SCALE: NONE

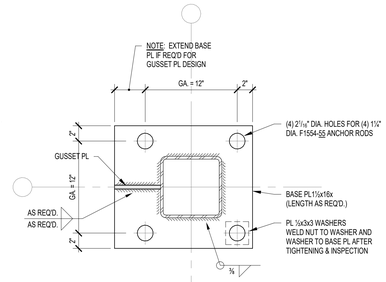


NOTE: REF. 9/S402 FOR HSS8x8 BRACED FRAME COLUMNS w/ 1¼" DIA. ANCHOR RODS.

8 S402 BASE PL DETAIL - TYP HSS SQUARE
SCALE: NONE

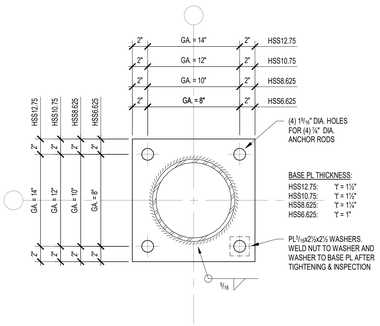


BRACED FRAME COLUMN WITHOUT GUSSET PL

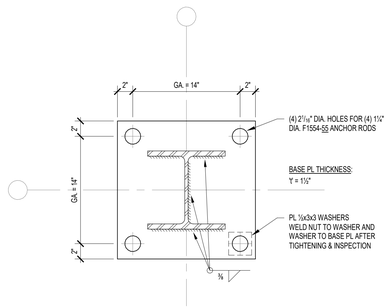


BRACED FRAME COLUMN WITH GUSSET PL

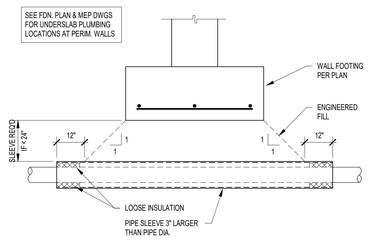
9 S402 BASE PL DETAILS - BRACED FRAME COLUMNS
SCALE: NONE



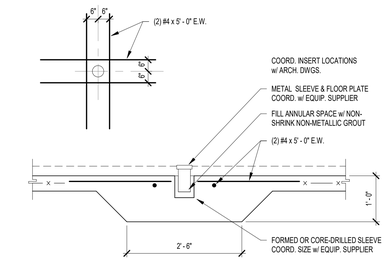
10 S402 BASE PL DETAIL - TYP HSS ROUND
SCALE: NONE



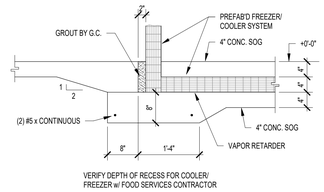
11 S402 BASE PL DETAIL - TYP W10
SCALE: NONE



12 S402 SLEEVE UNDER WALL FOOTING
SCALE: NONE

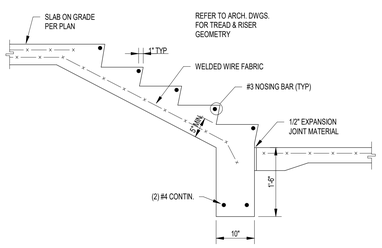


13 S402 VOLLEYBALL STANDARD INSERT DETAIL
SCALE: NONE



VERIFY DEPTH OF RECESS FOR COOLER/ FREEZER w/ FOOD SERVICES CONTRACTOR

14 S402 COOLER/FREEZER SLAB DETAIL
SCALE: NONE



15 S402 CONCRETE STAIR ON GRADE
SCALE: NONE

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. They are not intended to be construction documents. Describe all work required for full performance and completion of the requirements of the Contract.
The Drawings indicate the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

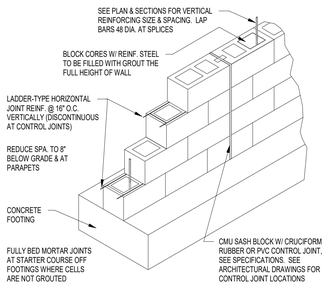
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRV	MDL

DRAWING TITLE:
TYPICAL DETAILS

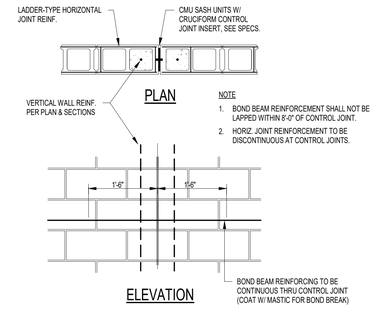
CERTIFIED BY:
MARK D. LAVIER
REGISTERED
PE19400114
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
S402

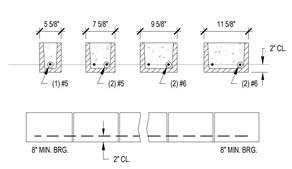
PROJECT NUMBER
2023061



1 S403 REINFORCED MASONRY DETAIL
SCALE: NONE

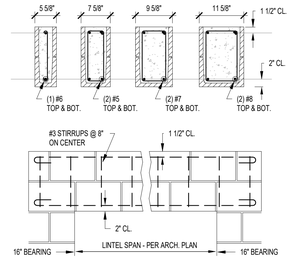


2 S403 CMU CONTROL JOINT DETAIL
SCALE: NONE



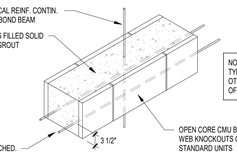
CMU LINTEL NOTES:
1. FILL SHALL BE 2,500 PSI (MINIMUM) GROUT.
2. PROVIDE 1" BRG. PER FOOT OF SPAN WITH 8" MIN.
3. LINTELS SHALL BEAR ON SOLIDLY GROUTED CMU.
4. THIS SCHEDULE DOES NOT APPLY TO LOAD BEARING WALLS, U.N.O.
5. BOND PATTERN OF LINTEL TO BE RUNNING BOND, U.N.O.
6. BOTTOM OF LINTEL SHALL BE SMOOTH MASONRY WITH NO CORES EXPOSED.
7. CONTRACTOR TO PROVIDE TEMPORARY SHORING UNTIL CMU HAS PROPERLY SET (3 DAY MINIMUM).
8. PRECAST LINTELS MAY NOT BE SUBSTITUTED FOR BOND BEAM LINTELS.
9. PROVIDE THIS DETAIL FOR OPENINGS UP TO 7'-11" U.N.O.

3 S403 TYPICAL CMU LINTEL DETAILS
SCALE: NONE

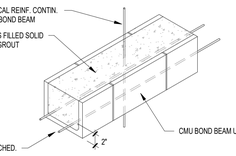


CMU LINTEL NOTES:
1. FILL SHALL BE 2,500 PSI (MINIMUM) GROUT.
2. ALL REBARS ARE HOOKED AT THE ENDS.
3. REFER TO SPECS. FOR TYPE OF CMU.
4. LINTELS SHALL BEAR ON SOLIDLY GROUTED CMU.
5. THIS SCHEDULE DOES NOT APPLY TO LOAD BEARING WALLS, U.N.O.
6. BOND PATTERN OF LINTEL TO BE RUNNING BOND, U.N.O.
7. BOTTOM OF LINTEL SHALL BE SMOOTH MASONRY WITH NO CORES EXPOSED.
8. CONTRACTOR TO PROVIDE TEMPORARY SHORING UNTIL CMU HAS PROPERLY SET (3 DAY MINIMUM).
9. PROVIDE THIS DETAIL FOR OPENINGS BETWEEN 8'-0" & 12'-0" U.N.O.

4 S403 LONG CMU LINTEL DETAILS
SCALE: NONE

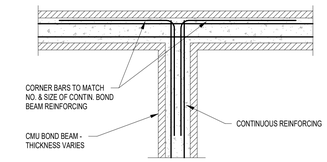


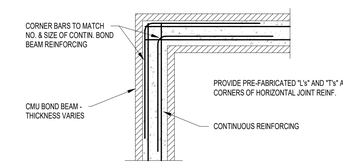
NOTE: USE OPEN CORE BOND BEAMS, TYPICAL EXCEPT FOR LINTELS & OTHER CONDITIONS WHERE BOTTOM OF UNITS WILL BE EXPOSED



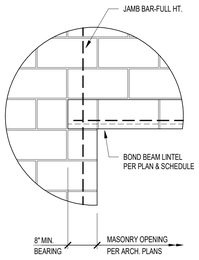
SCHEDULE	
SIZE	REINF.
6"	(1) #5
8"	(2) #5
10"	(2) #6
12"	(2) #6

5 S403 CMU BOND BEAM DETAILS
SCALE: NONE

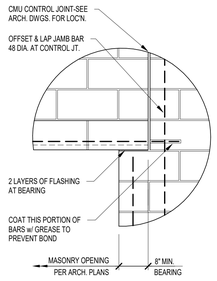




6 S403 BOND BEAM INTERSECTION DETAILS
SCALE: NONE

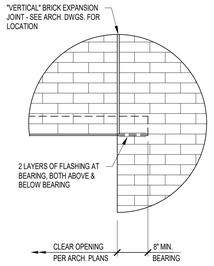


NOT AT CONTROL JOINT

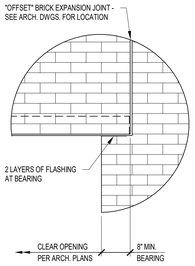


AT CONTROL JOINT

7 S403 BOND BEAM LINTEL BEARING DETAILS
SCALE: NONE



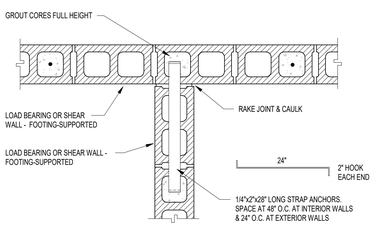
AT "VERTICAL" BRICK EXPANSION JOINT



AT "OFFSET" BRICK EXPANSION JOINT

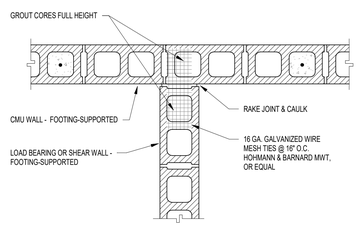
NOTE: LINTELS FOR STONE VENEER ARE SIMILAR.

8 S403 LINTEL BEARING DETAILS
SCALE: NONE



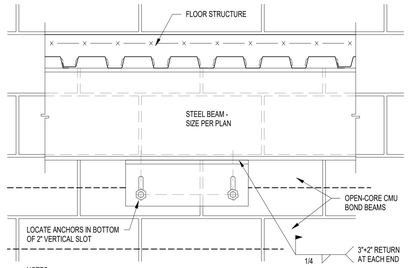
TYPICAL AT INTERSECTION BETWEEN FOOTING-SUPPORTED CMU WALLS

9 S403 WALL INTERSECTION DETAIL
SCALE: NONE



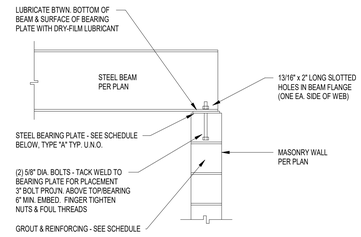
TYPICAL AT INTERSECTION BETWEEN FOOTING-SUPPORTED AND SLAB-SUPPORTED CMU WALLS

10 S403 WALL INTERSECTION DETAIL
SCALE: NONE

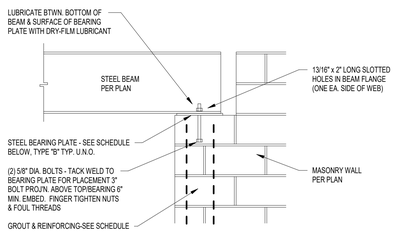


NOTES:
1. PROVIDE L6x6x5/16 x 1'-4" LONG ANGLE/ANCHOR ASSEMBLIES W/ (2) ADHESIVE ANCHORS TO GROUTED CMU. SPACE ASSEMBLIES AT 0'-4" ON CENTER MAXIMUM WITH A MINIMUM OF TWO PER LENGTH OF WALL WHERE DIM. BETWEEN BEAM CL & FACE OF WALL IS > 7". PROVIDE BENT PL 1/4 x 6 x 'REQ'D. HORIZ. DIM.'
2. ADHESIVE ANCHOR ASSEMBLIES TO BE HILTI HIT-HY 200, OR APPROVED EQUAL, 3/4" DIAMETER W/ 6" EMBEDMENT INTO GROUTED MASONRY.
3. FINGER-TIGHTEN NUT & FOUL THREADS OR DOUBLE-NUT TO PREVENT BACKOFF.
4. PROVIDE ANGLE/ANCHOR ASSEMBLY WHERE DISTANCE BETWEEN INTERSECTING WALL, PILASTER, OR CORNER EXCEEDS 30x THE NOMINAL WALL THICKNESS. COORDINATE W/ ARCH. FLOOR PLANS.
5. IF PROVISIONS IN SPECIFIC SECTIONS CONTRAST WITH THIS TYPICAL DETAIL, THE REQUIREMENTS OF THE SPECIFIC SECTION CONTROL.

11 S403 CMU LATERAL SUPPORT DETAIL
SCALE: NONE



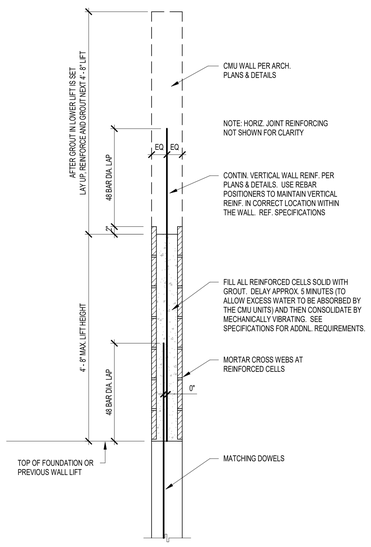
BEAM PERPENDICULAR TO WALL



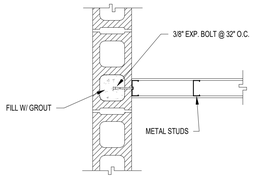
BEAM PARALLEL TO WALL

BEARING PLATE SCHEDULE			
MARK	BEARING PLATE SIZE	GROUT REQUIREMENTS	REINFORCING
A	3/4 x 6 1/2 x 1'-0	MIN. 3 COURSES DEEP x 24" LONG	NONE UNLESS LOCATED AT DISCONTIN. END OF WALL (IF SO, PROVIDE (2) FULL-HEIGHT VERTS. & EXTEND GROUT TO FTG.)
B	1/2 x 6 1/2 x 1'-0	GROUT SOLID TO FTG x 24" LONG	(2) VERTICALS FULL HEIGHT OF WALL. SEE PLANS & DETAILS FOR SIZE.

12 S403 BEAM BEARING PLATE DETAILS
SCALE: NONE

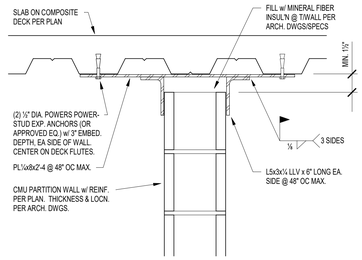


13 S403 LOW-LIFT WALL CONSTRUCTION
SCALE: NONE

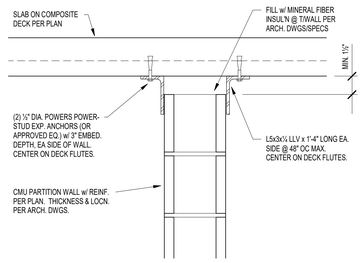


17 S403 CMU WALL/STUD WALL INTERSECTION
SCALE: NONE

NOTE: PROVIDE ONE OF THESE DETAILS WHERE DISTANCE BTWN. INTERSECTING WALL, PILASTER, OR CORNER EXCEEDS 30 x THE NOMINAL WALL THICKNESS. COORDINATE w/ ARCH. FLOOR PLANS.

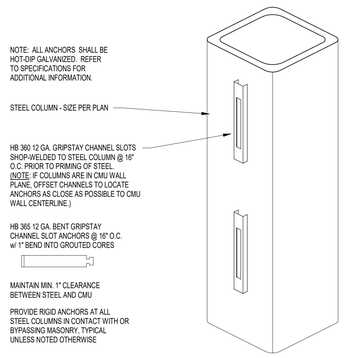


CMU WALL PARALLEL TO DECK SPAN

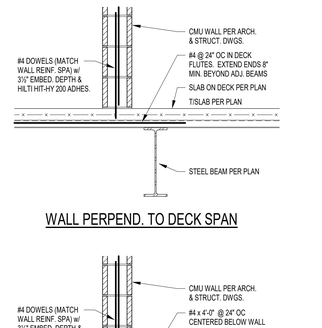


CMU WALL PERP. TO DECK SPAN

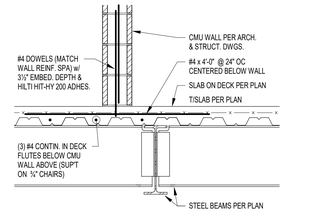
14 S403 CMU PARTITION LATERAL SUPPORT AT SLAB ON DECK
SCALE: NONE



15 S403 ADJUSTABLE RIGID TIE DETAIL
SCALE: NONE



WALL PERPEND. TO DECK SPAN



WALL PARALLEL TO DECK SPAN

16 S403 TYPICAL SLAB REINF. DETAILS AT CMU WALLS ON SLAB ON DECK
SCALE: NONE

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Indianapolis, IN 46203

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. They are not intended to be complete in that they describe all work required for full performance and completion of the requirements of the Contract.
The Trade Contractors shall furnish all work indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

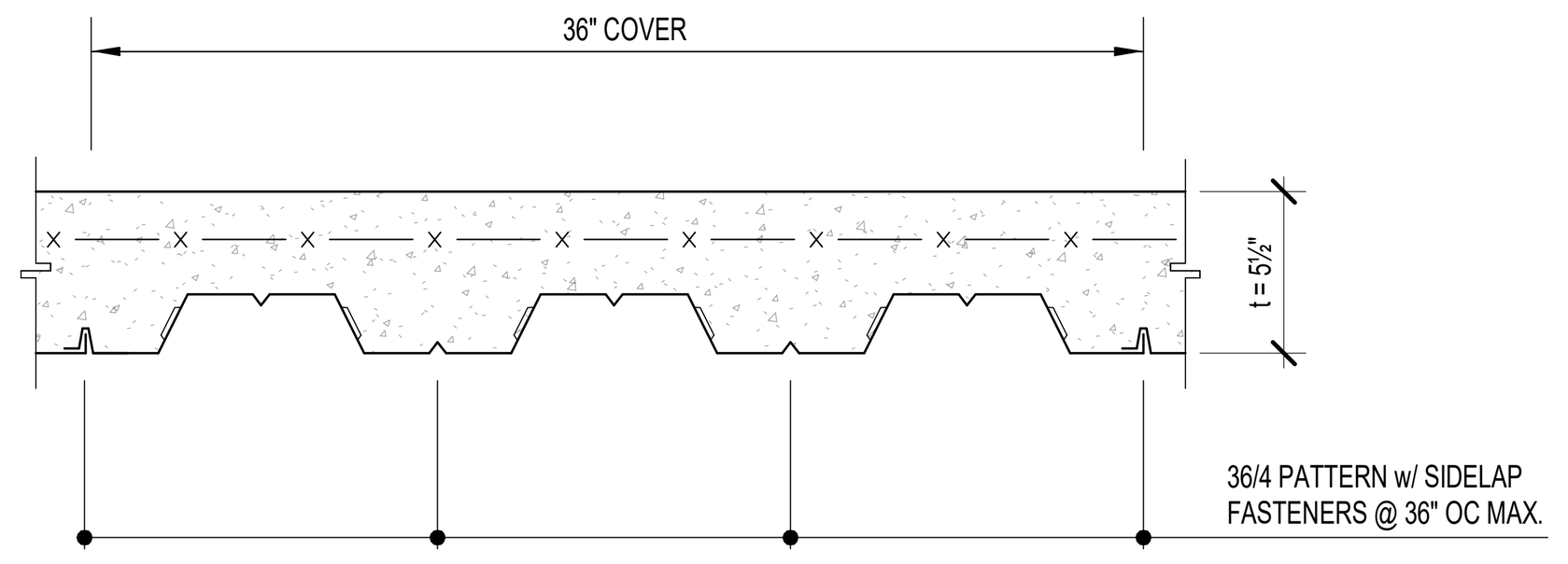
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRV	MDL

DRAWING TITLE:
TYPICAL DETAILS

CERTIFIED BY:
MARK D. LAVIER
REGISTERED
PE19400114
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
S403

PROJECT NUMBER
2023061



NOTE:

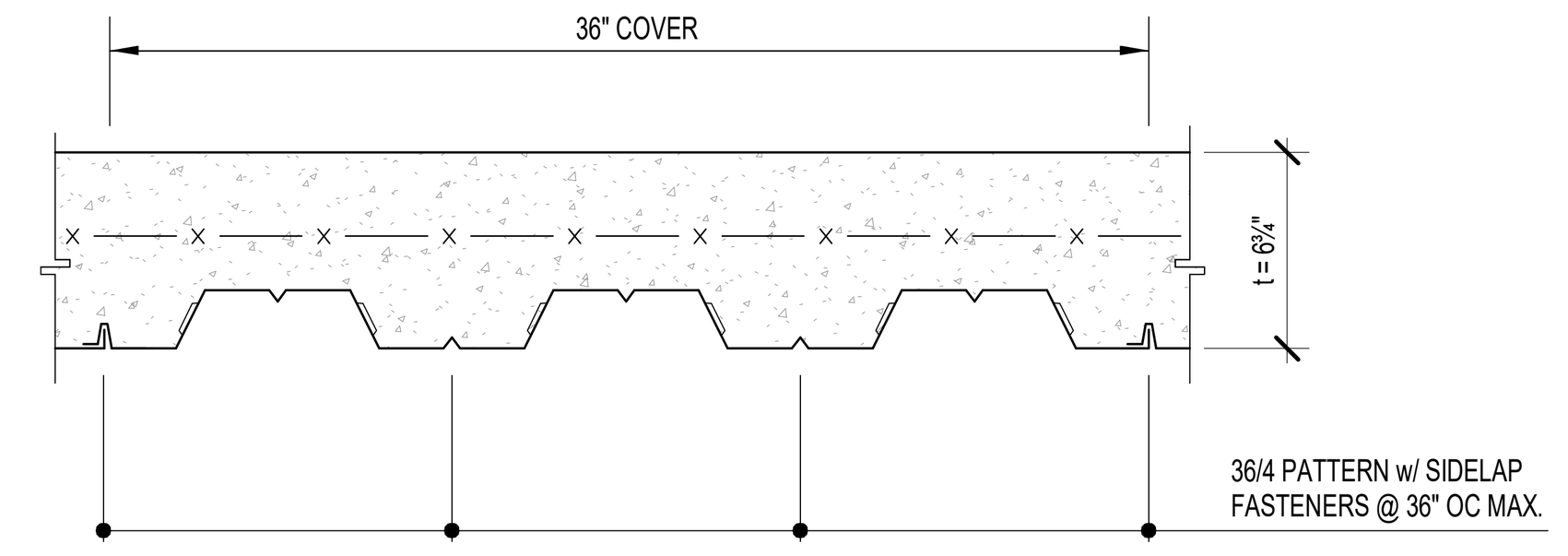
1. 2", 20 GA. GALVANIZED COMPOSITE STEEL FLOOR DECK w/ 3½" NORMAL WEIGHT CONCRETE SLAB w/ 6x6-W2.1xW2.1 WWF, TOTAL 't' = 5½".
2. WELD DECK TO SUPPORTING STRUCTURE USING 3/4" DIAMETER WELDS. MECHANICAL FASTENERS MAY BE USED IN LIEU OF WELDS; SUBMIT PROPOSED FASTENERS & TECHNICAL DATA FOR REVIEW. COMPOSITE SHEAR CONNECTORS MAY TAKE THE PLACE OF WELDS AT COMPOSITE BEAMS.
3. BUTT ENDS OF DECK OVER SUPPORT.
4. USE #10 TEK SCREW SIDELAP FASTENERS, U.N.O.
5. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
6. REF. SLAB TYPE (F1) ON THE FRAMING PLANS.
7. MAXIMUM UNSHORED CLEAR SPANS SHALL NOT EXCEED THE FOLLOWING:

   SINGLE SPAN: 7'-6"
   DOUBLE SPAN: 8'-2"
   TRIPLE SPAN: 8'-5"

   SPANS SHOWN ARE BASED ON NEW MILLENNIUM 2" 2.0CD 20 GA. DECK. THE CONTRACTOR MUST CONFIRM THAT ALTERNATE DECK PRODUCTS MEET OR EXCEED THE SPANS SHOWN. CONTRACTOR SHALL SHORE ALL SPANS EXCEEDING THE LIMITS ABOVE UNTIL CONCRETE HAS ACHIEVED ITS SPECIFIED 28-DAY COMPRESSIVE STRENGTH.

1 S404 2" COMPOSITE STEEL DECK/SLAB (5½")

SCALE: NONE



NOTE:

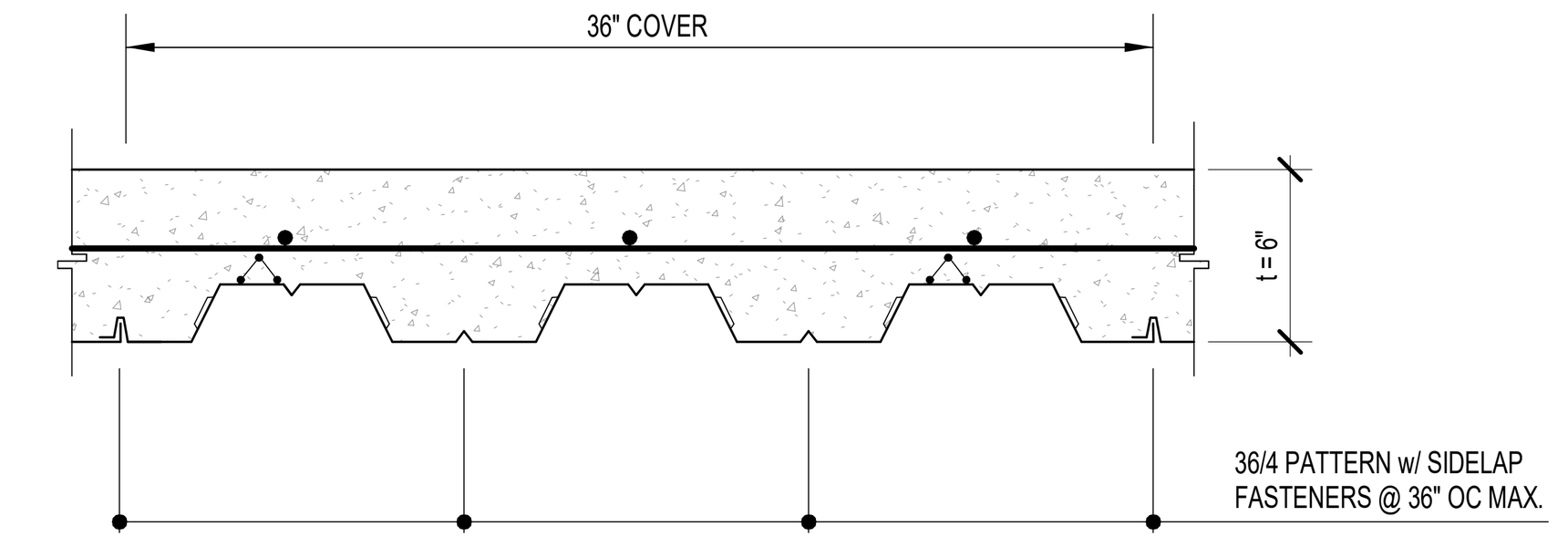
1. 2", 20 GA. GALVANIZED COMPOSITE STEEL FLOOR DECK w/ 4¾" NORMAL WEIGHT CONCRETE SLAB w/ 6x6-W2.9xW2.9 WWF, TOTAL 't' = 6¾".
2. WELD DECK TO SUPPORTING STRUCTURE USING 3/4" DIAMETER WELDS. MECHANICAL FASTENERS MAY BE USED IN LIEU OF WELDS; SUBMIT PROPOSED FASTENERS & TECHNICAL DATA FOR REVIEW. COMPOSITE SHEAR CONNECTORS MAY TAKE THE PLACE OF WELDS AT COMPOSITE BEAMS.
3. BUTT ENDS OF DECK OVER SUPPORT.
4. USE #10 TEK SCREW SIDELAP FASTENERS, U.N.O.
5. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
6. REF. SLAB TYPE (F2) ON THE FRAMING PLANS.
7. MAXIMUM UNSHORED CLEAR SPANS SHALL NOT EXCEED THE FOLLOWING:

   SINGLE SPAN: 6'-9"
   DOUBLE SPAN: 7'-6"
   TRIPLE SPAN: 7'-10"

   SPANS SHOWN ARE BASED ON NEW MILLENNIUM 2" 2.0CD 20 GA. DECK. THE CONTRACTOR MUST CONFIRM THAT ALTERNATE DECK PRODUCTS MEET OR EXCEED THE SPANS SHOWN. CONTRACTOR SHALL SHORE ALL SPANS EXCEEDING THE LIMITS ABOVE UNTIL CONCRETE HAS ACHIEVED ITS SPECIFIED 28-DAY COMPRESSIVE STRENGTH.

2 S404 2" COMPOSITE STEEL DECK/SLAB (6¾")

SCALE: NONE



NOTE:

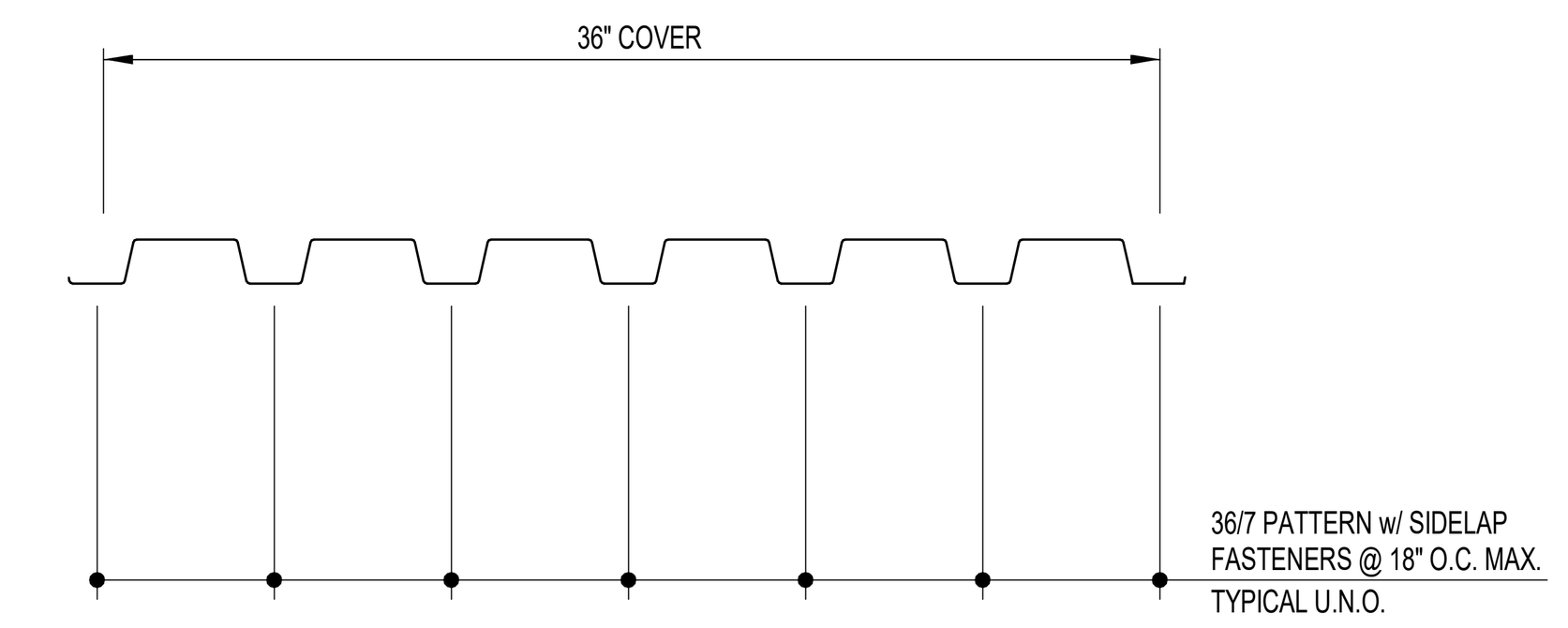
1. 2", 20 GA. GALVANIZED COMPOSITE STEEL FLOOR DECK w/ 4" NORMAL WEIGHT CONCRETE SLAB w/ #4 @ 12" OC EW ON 1" SUPPORTS + FIBERFORCE 850 FIBER REINF. BLEND @ 24 LB/CY, TOTAL 't' = 6".
2. WELD DECK TO SUPPORTING STRUCTURE USING 3/4" DIAMETER WELDS. MECHANICAL FASTENERS MAY BE USED IN LIEU OF WELDS; SUBMIT PROPOSED FASTENERS & TECHNICAL DATA FOR REVIEW. COMPOSITE SHEAR CONNECTORS MAY TAKE THE PLACE OF WELDS AT COMPOSITE BEAMS.
3. BUTT ENDS OF DECK OVER SUPPORT.
4. USE #10 TEK SCREW SIDELAP FASTENERS, U.N.O.
5. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
6. REF. SLAB TYPE (F3) ON THE FRAMING PLANS.
7. MAXIMUM UNSHORED CLEAR SPANS SHALL NOT EXCEED THE FOLLOWING:

   SINGLE SPAN: 7'-3"
   DOUBLE SPAN: 7'-10"
   TRIPLE SPAN: 8'-2"

   SPANS SHOWN ARE BASED ON NEW MILLENNIUM 2" 2.0CD 20 GA. DECK. THE CONTRACTOR MUST CONFIRM THAT ALTERNATE DECK PRODUCTS MEET OR EXCEED THE SPANS SHOWN. CONTRACTOR SHALL SHORE ALL SPANS EXCEEDING THE LIMITS ABOVE UNTIL CONCRETE HAS ACHIEVED ITS SPECIFIED 28-DAY COMPRESSIVE STRENGTH.

3 S404 2" COMPOSITE STEEL DECK/SLAB (6")

SCALE: NONE

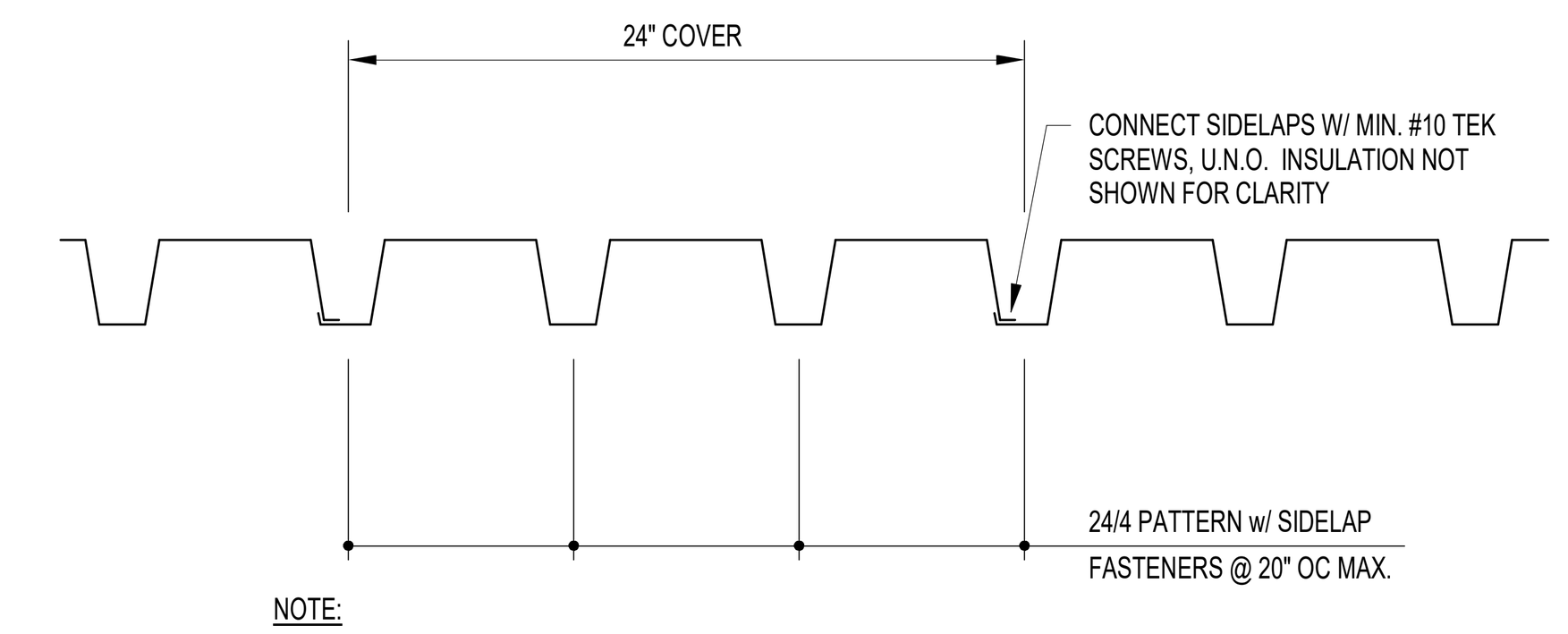


NOTE:

1. 1½", 20 GA. GALVANIZED & PRIME-PAINTED WIDE RIB STEEL ROOF DECK.
2. MECHANICAL FASTENERS SHALL BE USED IN LIEU OF WELDS.
   USE THE FOLLOWING HILTI POWDER ACTUATED FASTENERS:
   USE X-HSN 24 FOR OPEN-WEB STEEL JOISTS & STRUCTURAL STEEL 1/8" ≤ 't' ≤ 3/8"
   USE X-ENP-19 L15 FOR STRUCTURAL STEEL & HEAVY OPEN-WEB JOISTS 't' ≥ 1/4"
   ACCEPTABLE ALTERNATE: PNEUTEK AIR/SAFE FASTENING SYSTEM.
   SUBMIT PROPOSED FASTENERS & TECHNICAL DATA FOR REVIEW.
3. USE #10 TEK SCREW SIDELAP FASTENERS, U.N.O.
4. REF. DECK TYPE (1) ON THE FRAMING PLANS.
5. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

4 S404 1½" WIDE RIB STEEL ROOF DECK

SCALE: NONE



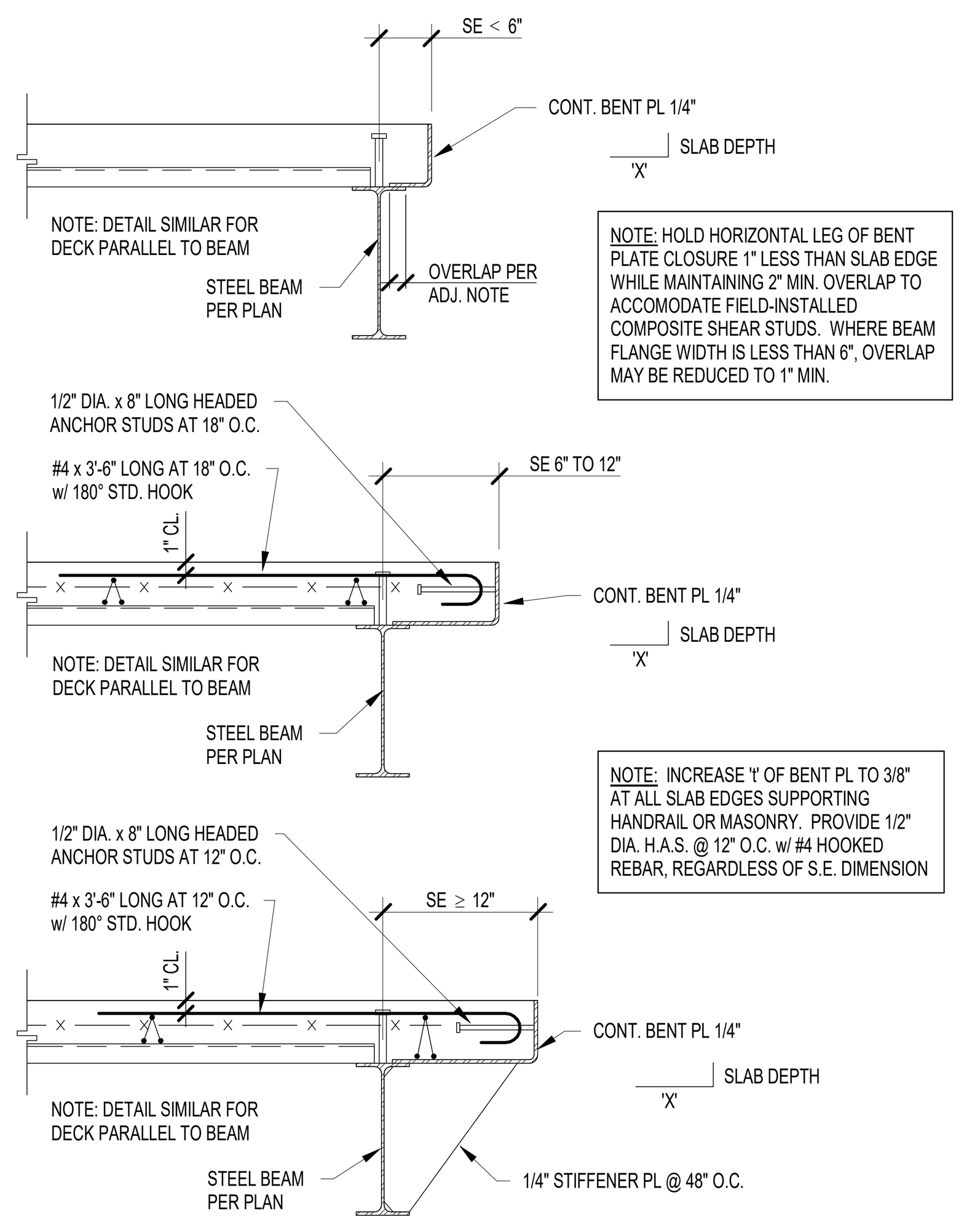
NOTE:

1. 3", 20 GA. GALVANIZED & PRIME-PAINTED DEEP RIB STEEL ROOF DECK.
2. MECHANICAL FASTENERS SHALL BE USED IN LIEU OF WELDS.
   USE THE FOLLOWING HILTI POWDER ACTUATED FASTENERS:
   USE X-HSN 24 FOR OPEN-WEB STEEL JOISTS & STRUCTURAL STEEL 1/8" ≤ 't' ≤ 3/8"
   USE X-ENP-19 L15 FOR STRUCTURAL STEEL & HEAVY OPEN-WEB JOISTS 't' ≥ 1/4"
   ACCEPTABLE ALTERNATE: PNEUTEK AIR/SAFE FASTENING SYSTEM.
   SUBMIT PROPOSED FASTENERS & TECHNICAL DATA FOR REVIEW.
3. USE #10 TEK SCREW SIDELAP FASTENERS, U.N.O.
4. REF. DECK TYPE (3) ON THE FRAMING PLANS.
5. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

5 S404 3" DEEP RIB STEEL ROOF DECK

SCALE: NONE

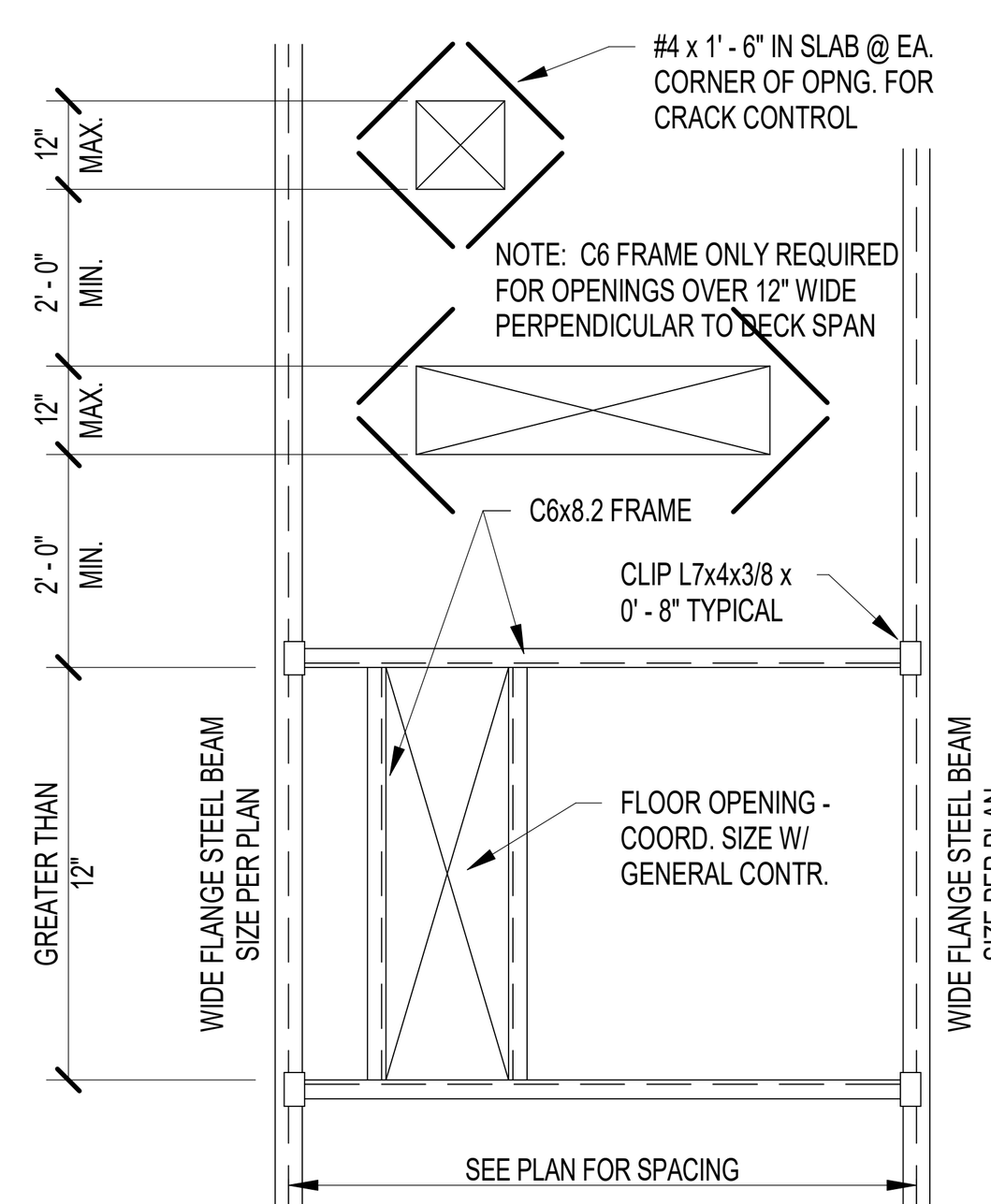
<u>NOTE:</u> ASSUME THAT ALL BENT PLATE SLAB EDGES SHALL BE FIELD WELDED AFTER ADJUSTMENT TO MAINTAIN TOLERANCES AND REQ'D. CLEARANCES. SLAB CLOSURES FOR SHORT MEMBERS, OR FOR SLAB EDGES WHERE TOLERANCES ARE NOT CRITICAL MAY BE SHOP-WELDED PENDING APPROVAL OF THE ENGINEER. THE FABRICATOR & ERECTOR SHALL COORDINATE ALL FIELD WELDING VS. SHOP WELDING AT THE TIME OF BIDDING. LACK OF FIELD WELD SYMBOLS ON <u>SPECIFIC</u> SECTIONS DOES NOT RELIEVE THE FABRICATOR/ ERECTOR FROM THE RESPONSIBILITY TO MAINTAIN TOLERANCES.



NOTE: SE = SLAB EDGE PER PLAN

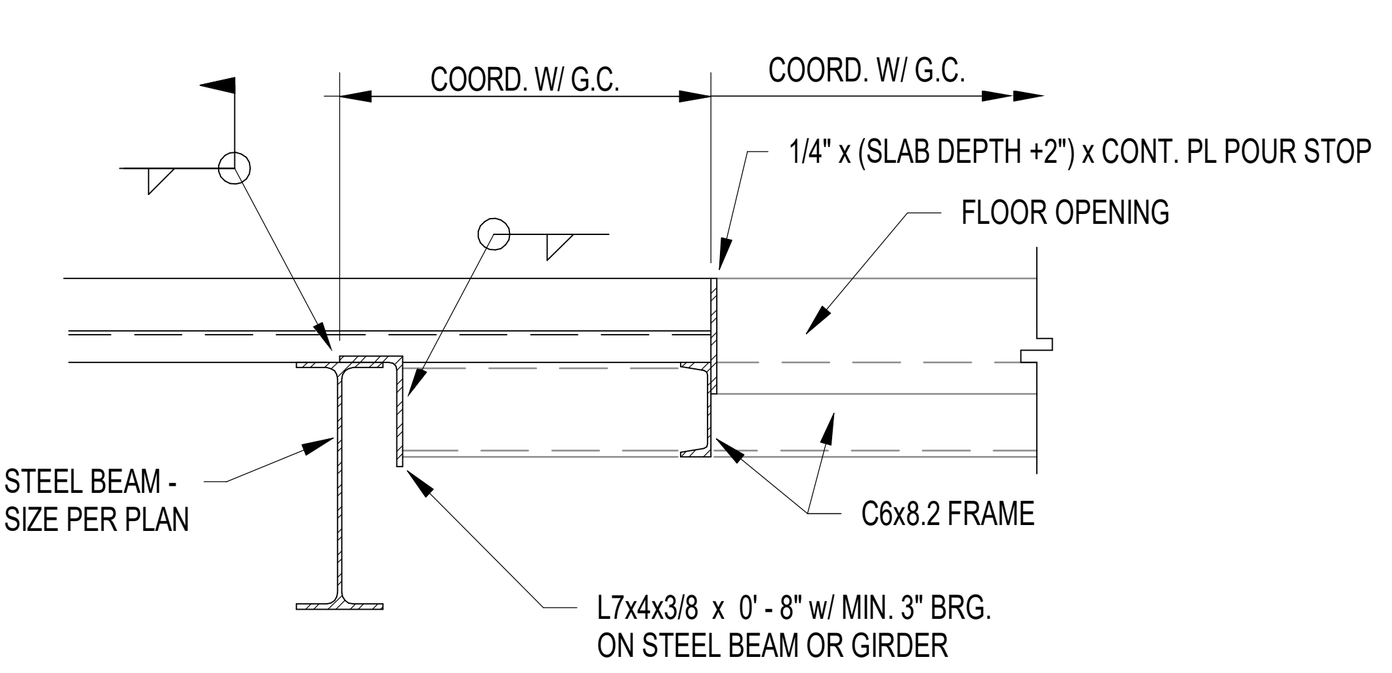
6 S404 TYPICAL SLAB EDGE DETAILS

SCALE: NONE



PLAN

NOTE: IF THE OPENING IS POST-INSTALLED AFTER THE SLAB IS POURED, THE CLIP ANGLES MAY BE OMITTED AND THE CHANNELS MAY BE CONNECTED DIRECTLY TO THE BEAM WEB.



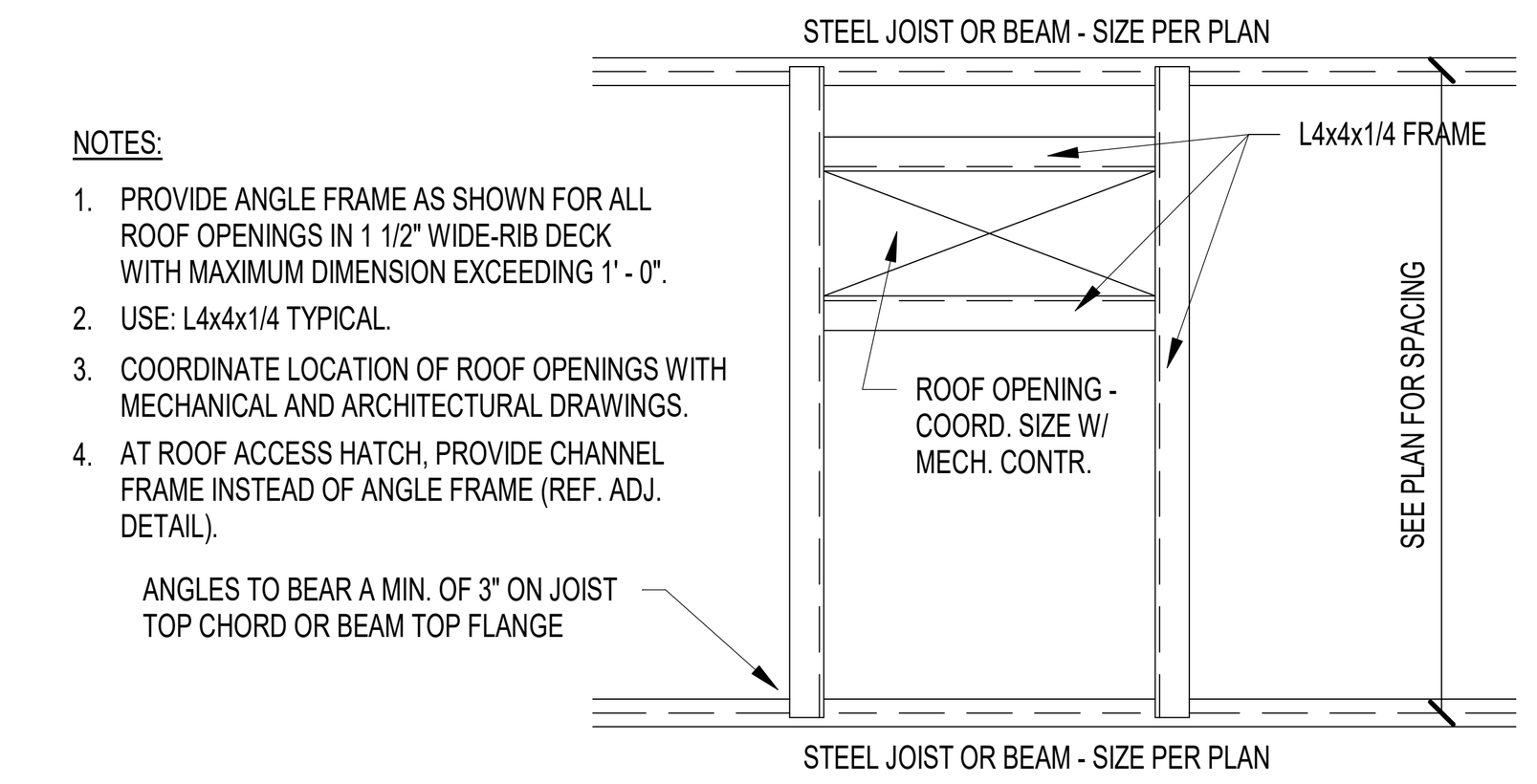
SECTION

7 S404 SLAB ON DECK OPENING FRAME DETAIL

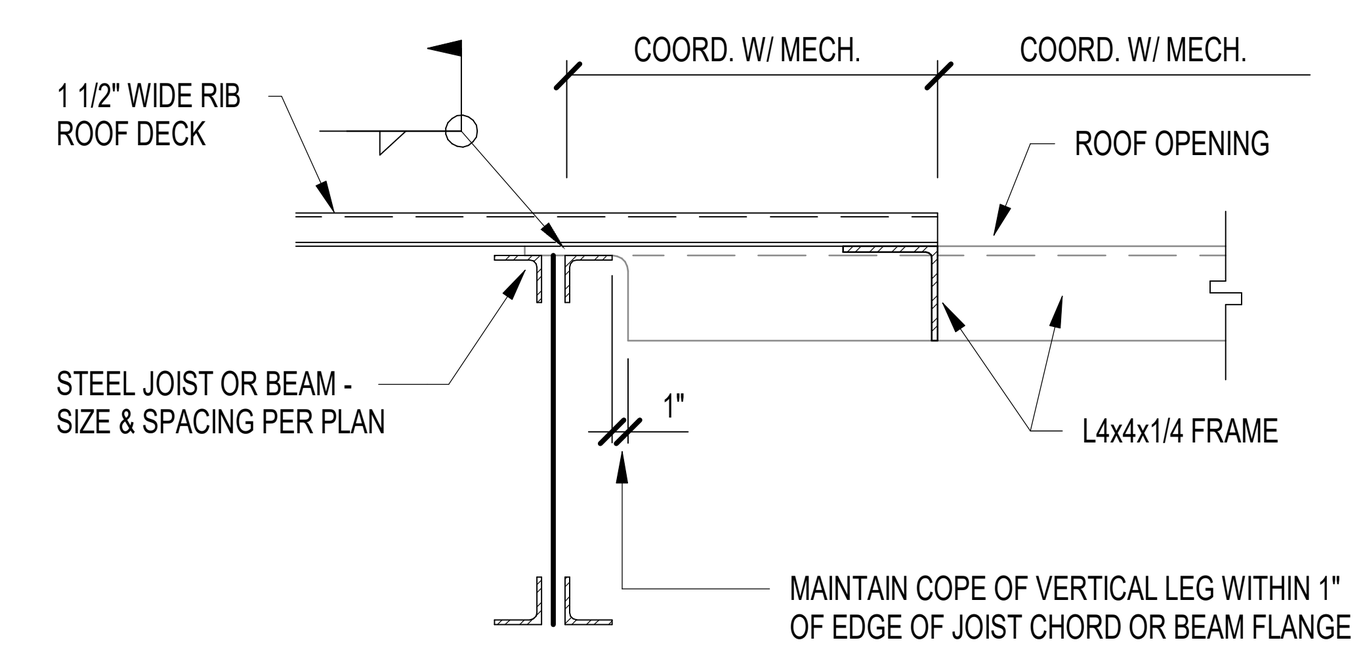
SCALE: NONE

NOTES:

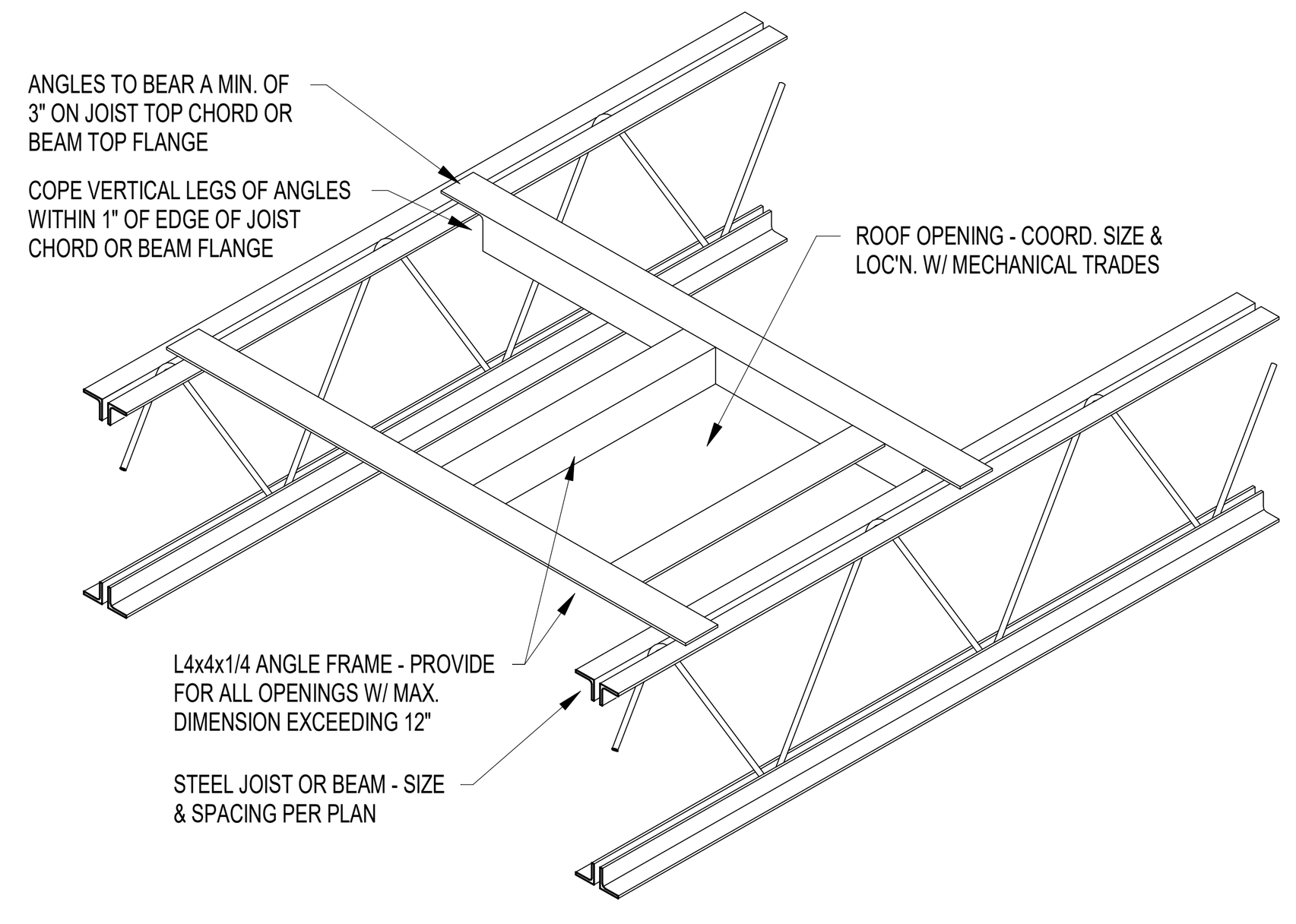
1. PROVIDE ANGLE FRAME AS SHOWN FOR ALL ROOF OPENINGS IN 1 1/2" WIDE-RIB DECK WITH MAXIMUM DIMENSION EXCEEDING 1' - 0".
2. USE: L4x4x1/4 TYPICAL.
3. COORDINATE LOCATION OF ROOF OPENINGS WITH MECHANICAL AND ARCHITECTURAL DRAWINGS.
4. AT ROOF ACCESS HATCH, PROVIDE CHANNEL FRAME INSTEAD OF ANGLE FRAME (REF. ADJ. DETAIL).



PLAN



SECTION



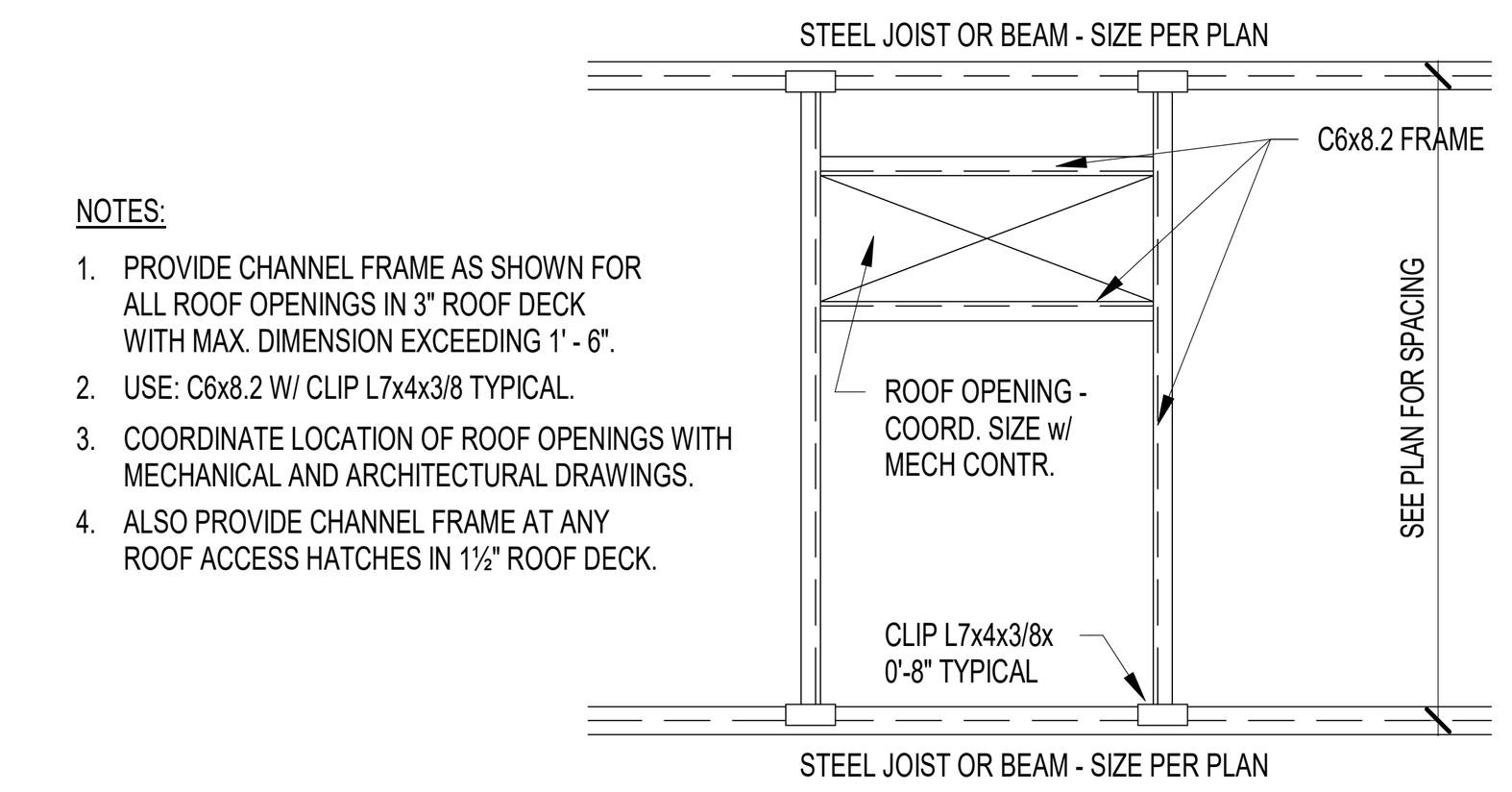
ISOMETRIC

8 S404 ROOF OPENING FRAME DETAIL - 1½" DECK

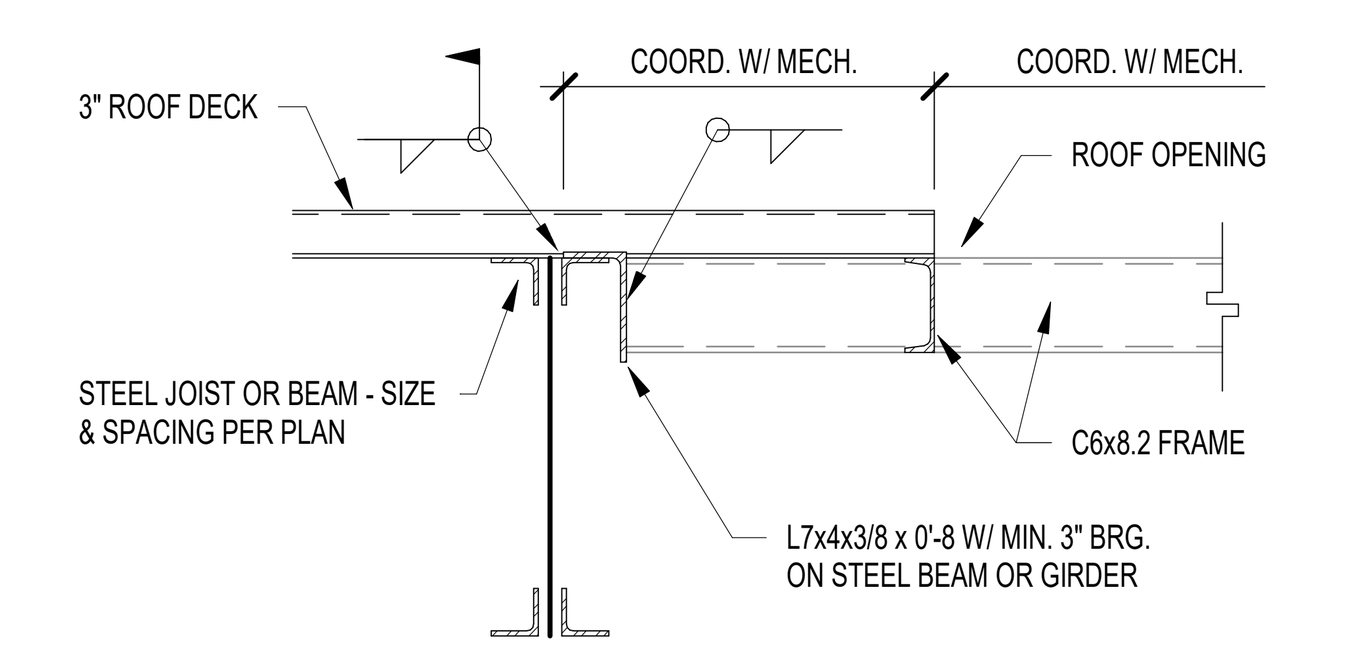
SCALE: NONE

NOTES:

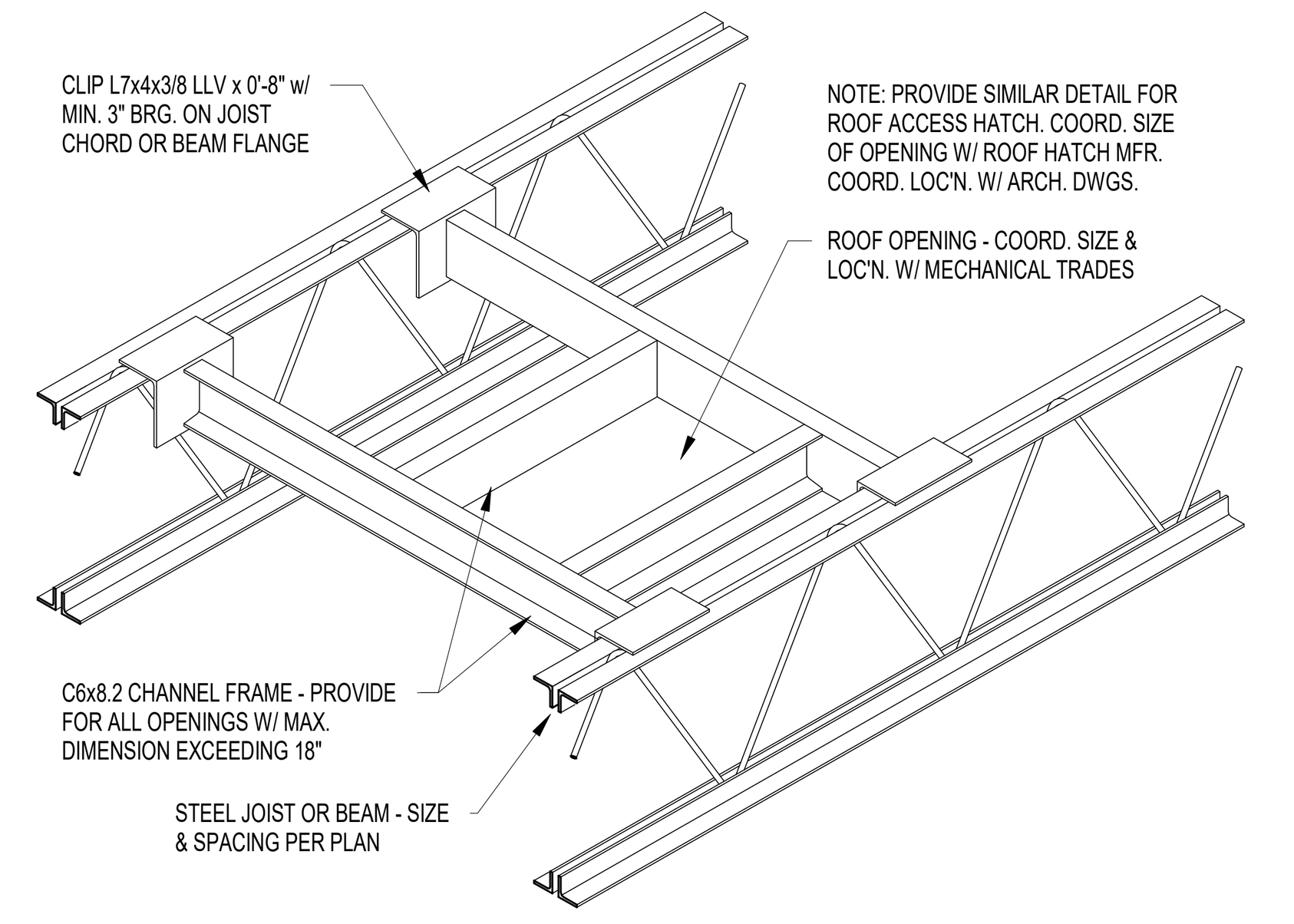
1. PROVIDE CHANNEL FRAME AS SHOWN FOR ALL ROOF OPENINGS IN 3" ROOF DECK WITH MAX. DIMENSION EXCEEDING 1' - 6".
2. USE: C6x8.2 W/ CLIP L7x4x3/8 TYPICAL.
3. COORDINATE LOCATION OF ROOF OPENINGS WITH MECHANICAL AND ARCHITECTURAL DRAWINGS.
4. ALSO PROVIDE CHANNEL FRAME AT ANY ROOF ACCESS HATCHES IN 1½" ROOF DECK.



PLAN



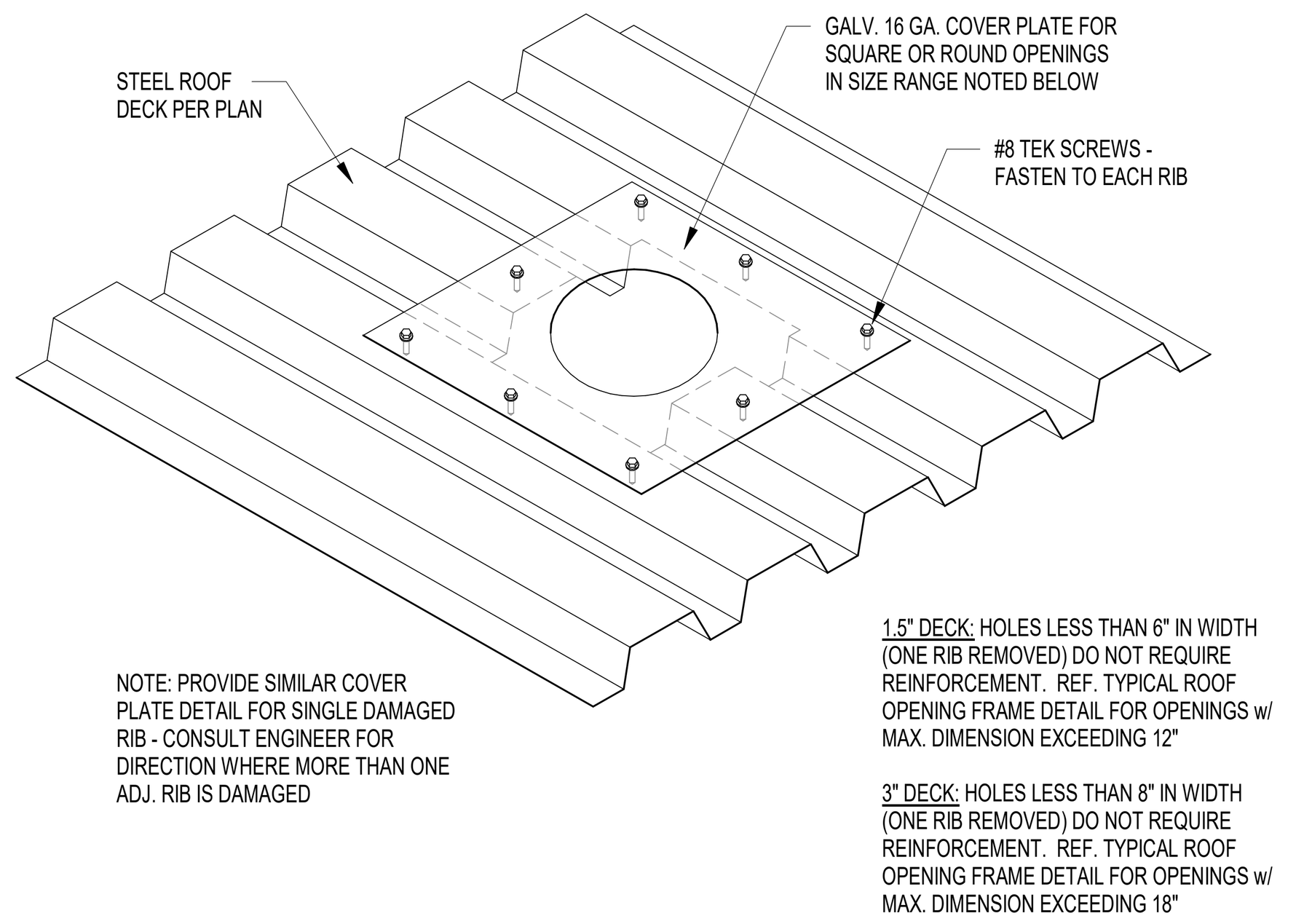
SECTION



ISOMETRIC

9 S404 ROOF OPENING FRAME DETAIL - 2" & 3" DECK

SCALE: NONE



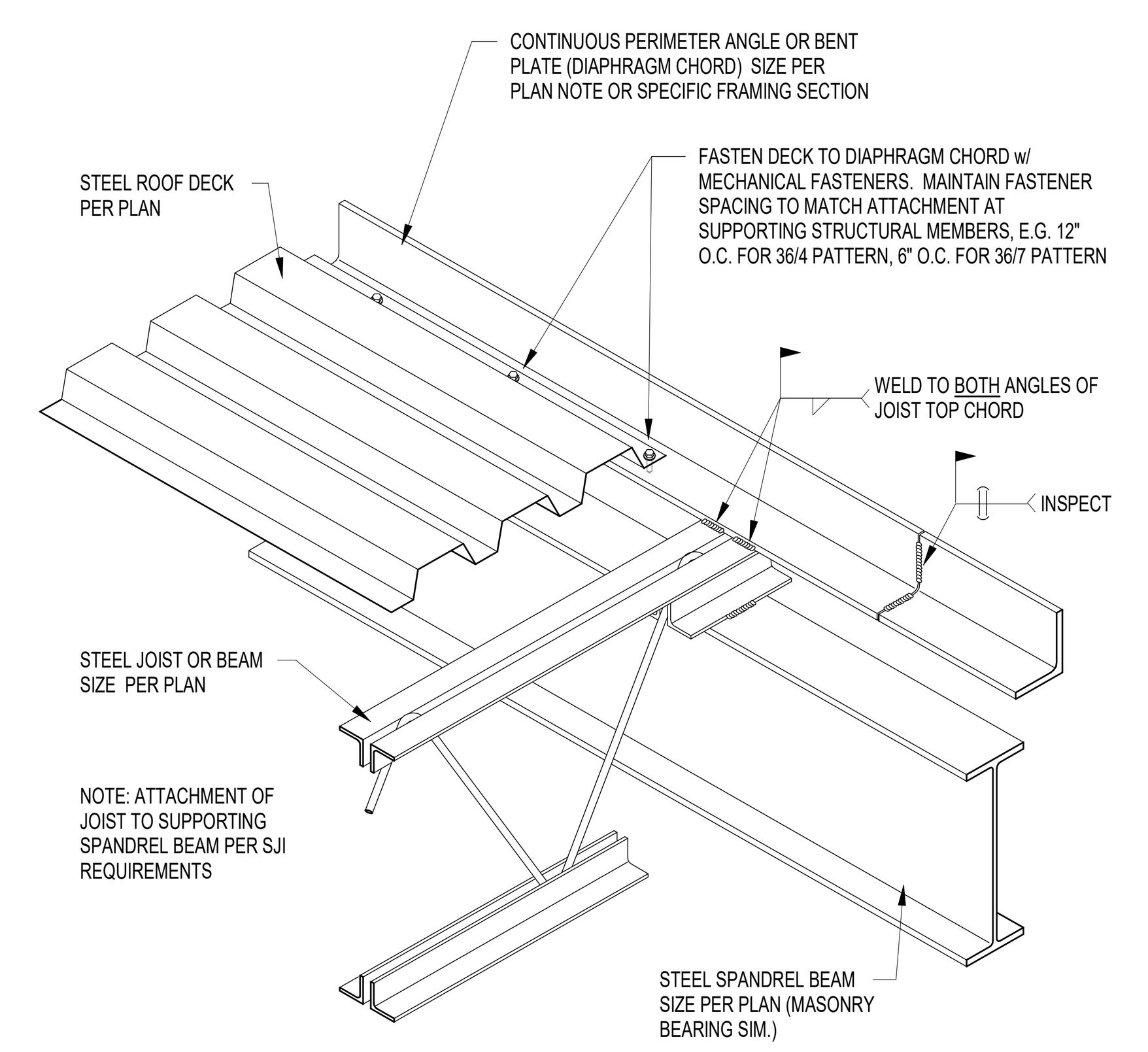
NOTE: PROVIDE SIMILAR COVER PLATE DETAIL FOR SINGLE DAMAGED RIB - CONSULT ENGINEER FOR DIRECTION WHERE MORE THAN ONE ADJ. RIB IS DAMAGED

<u>1.5" DECK:</u> HOLES LESS THAN 6" IN WIDTH (ONE RIB REMOVED) DO NOT REQUIRE REINFORCEMENT. REF. TYPICAL ROOF OPENING FRAME DETAIL FOR OPENINGS w/ MAX. DIMENSION EXCEEDING 12"

<u>3" DECK:</u> HOLES LESS THAN 8" IN WIDTH (ONE RIB REMOVED) DO NOT REQUIRE REINFORCEMENT. REF. TYPICAL ROOF OPENING FRAME DETAIL FOR OPENINGS w/ MAX. DIMENSION EXCEEDING 18"

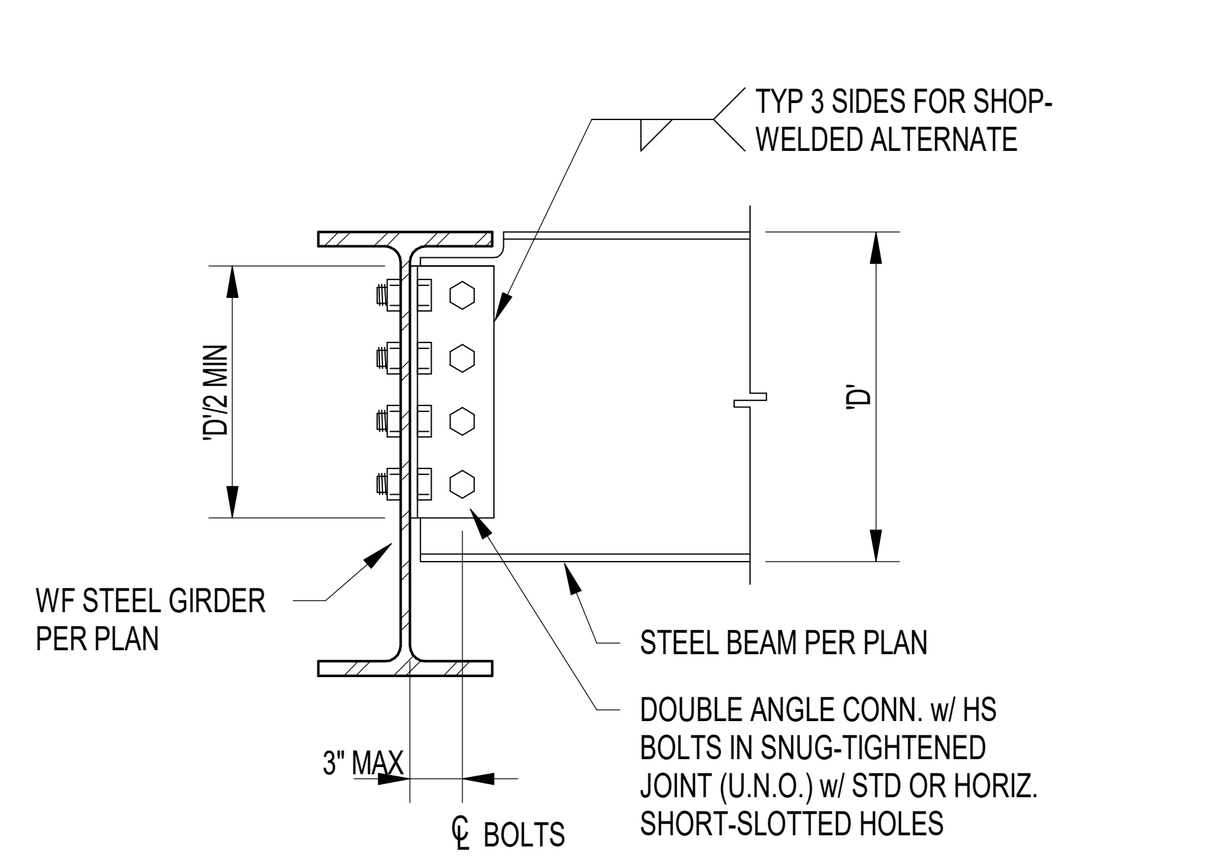
10 S404 SMALL ROOF OPENING DETAIL

SCALE: NONE



11 S404 DIAPHRAGM CHORD DETAIL

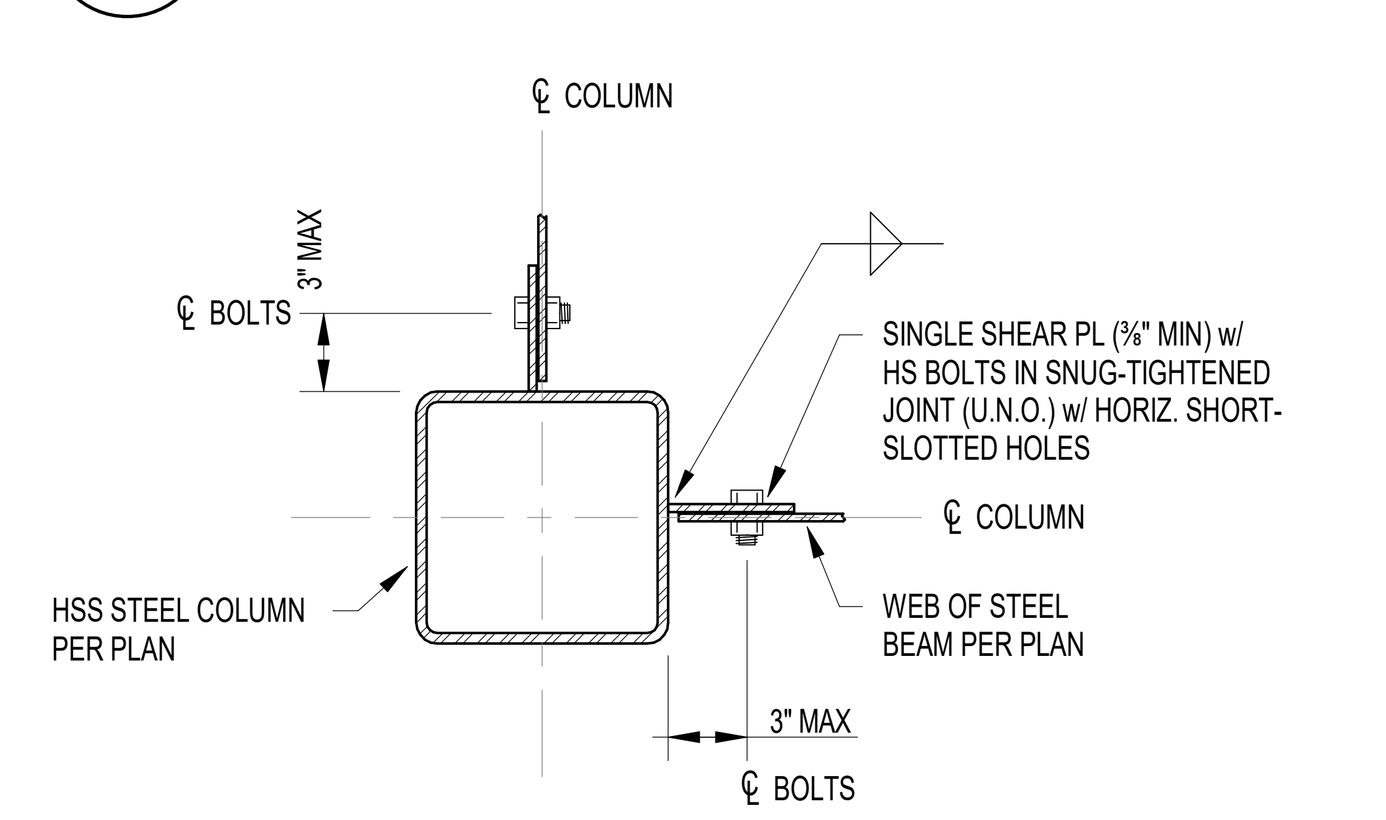
SCALE: NONE



<u>NOTE</u>: DESIGN CONNECTION TO DEVELOP BEAM REACTION PER S001 "STEEL CONNECTION NOTES"

12 S404 TYP. FRAMED BEAM CONNECTION

SCALE: NONE

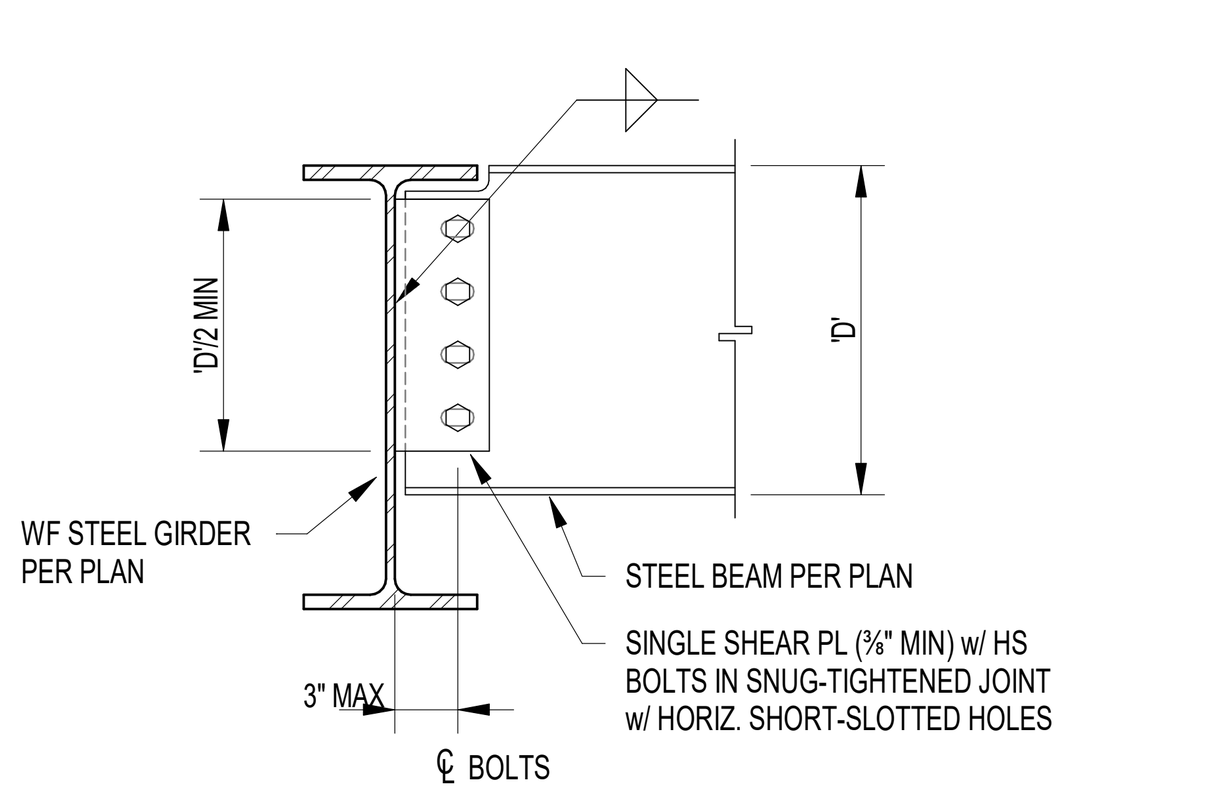


NOTES:

1. DESIGN CONNECTION TO DEVELOP BEAM REACTION PER S001 "STEEL CONNECTION NOTES".
2. PROVIDE SHEAR PL AT LEAST ONE HALF THE DEPTH OF THE FRAMED BEAM.

14 S404 TYP. FRAMED BEAM TO HSS COL. CONNECTION - HSS FACE < 8"

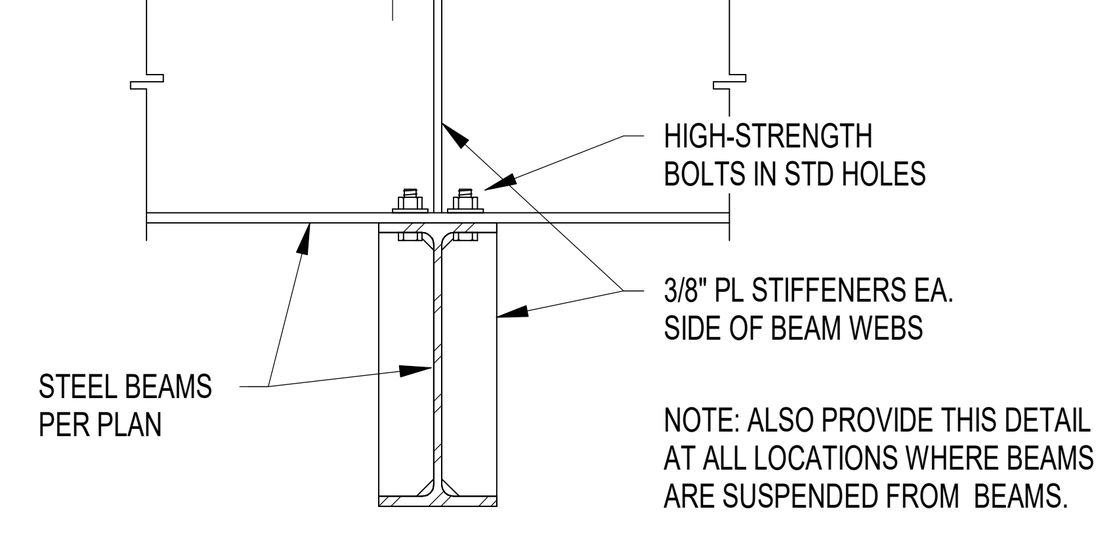
SCALE: NONE



<u>NOTE</u>: DESIGN CONNECTION TO DEVELOP BEAM REACTION PER S001 "STEEL CONNECTION NOTES"

13 S404 ALT. FRAMED BEAM CONNECTION

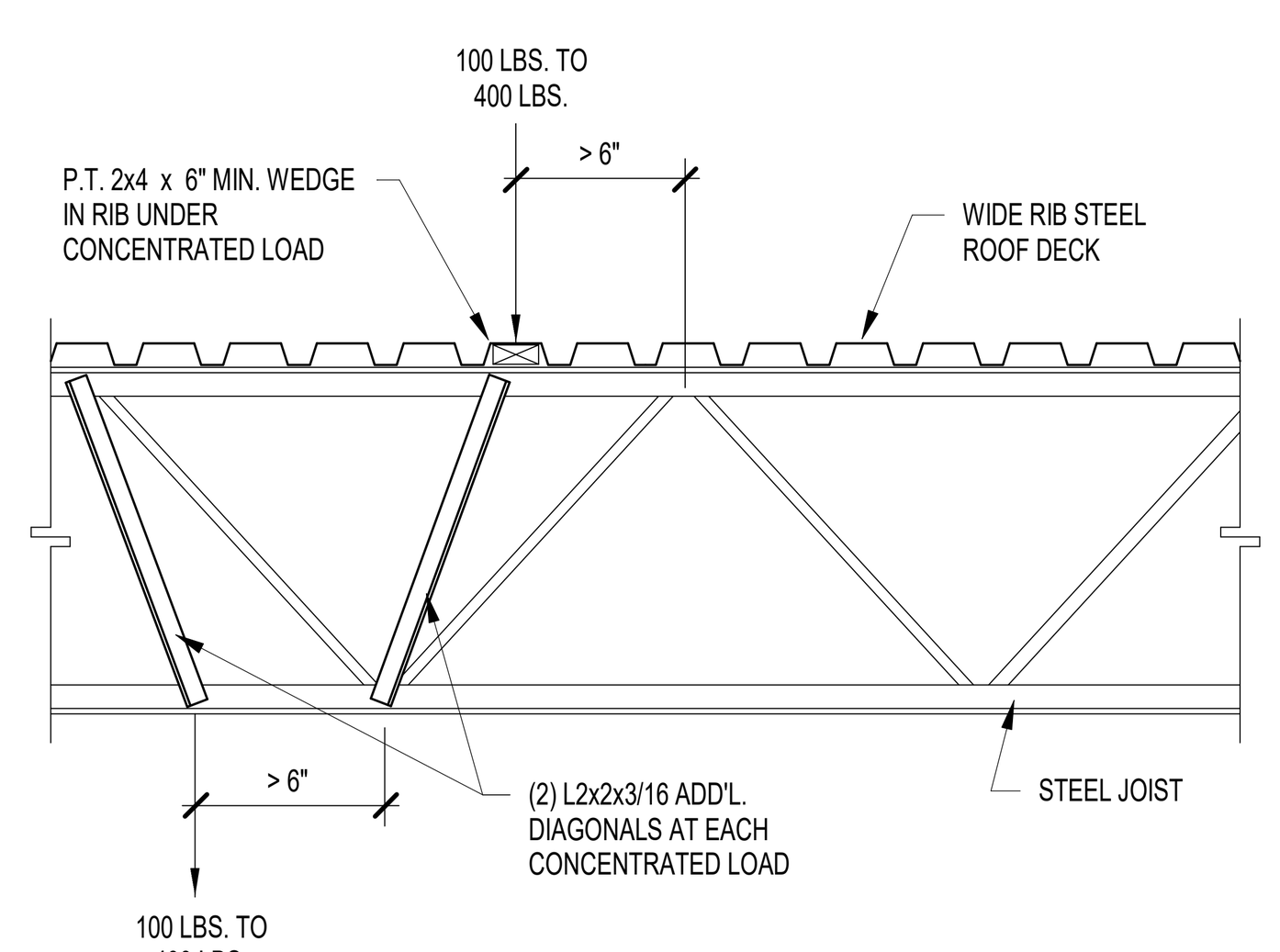
SCALE: NONE



NOTE: ALSO PROVIDE THIS DETAIL AT ALL LOCATIONS WHERE BEAMS ARE SUSPENDED FROM BEAMS.

15 S404 BEAM BRG. ON BEAM DETAIL

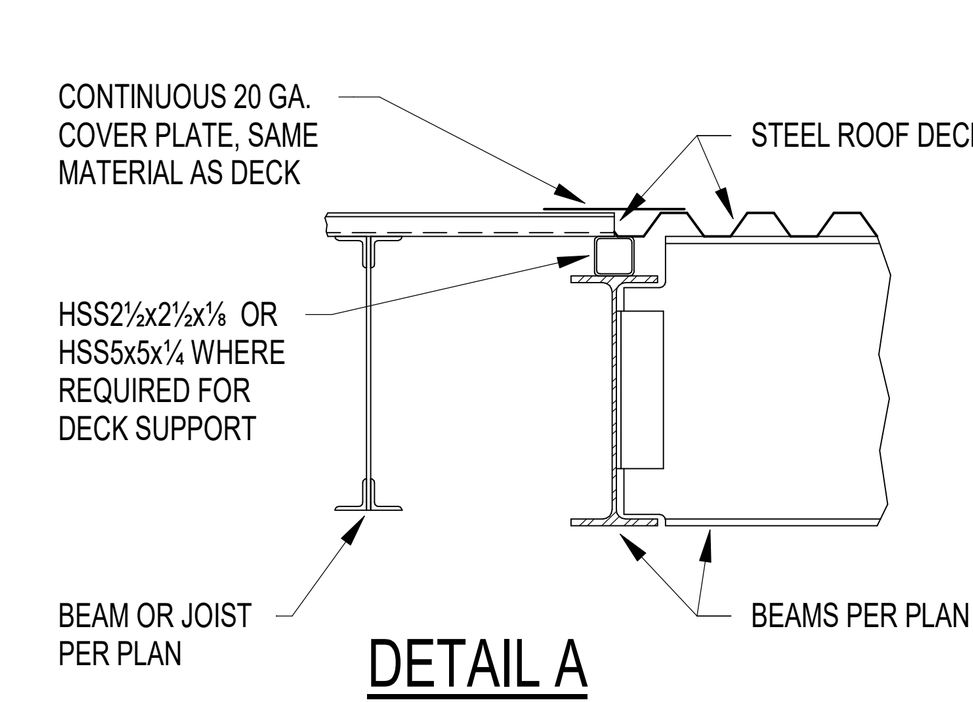
SCALE: NONE



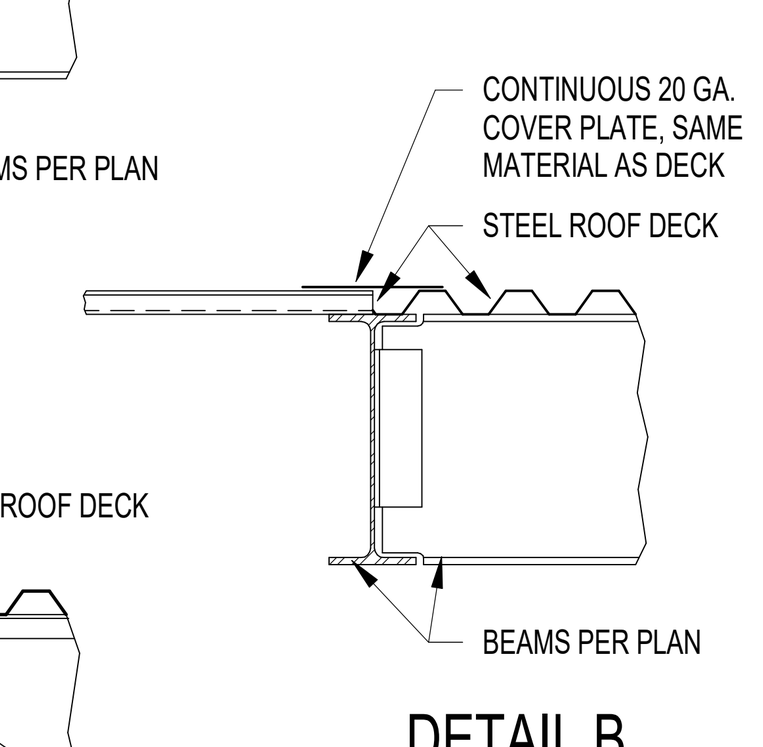
1. LOADS LESS THAN 100 LBS. MAY BE LOCATED ANYWHERE ALONG THE TOP OR BOTTOM CHORD OF THE JOIST WITHOUT REQUIRING REINFORCEMENT.
2. PROVIDE THIS DETAIL WHERE SUSPENDED EQUIPMENT, MECHANICAL UNIT, OR PIPING IMPARTS A CONCENTRATED LOAD OF BETWEEN 100 AND 400 LBS. IF THE LOAD IS APPLIED WITHIN 6" OF A TOP OR BOTTOM CHORD PANEL POINT, NO REINFORCEMENT IS REQUIRED.
3. NO CONCENTRATED LOADS GREATER THAN 400 LBS WILL BE ALLOWED WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT/ENGINEER.
4. FOR DEEP-RIB DECK, PROVIDE DOUBLE 2x BLOCKING UNDER CONCENTRATED LOAD.
5. FOR DLH JOISTS, INCREASE SIZE OF ADDITIONAL REINFORCING DIAGONALS TO L2½xL2½x¼.

16 S404 JOIST CONCENTRATED LOAD DETAIL

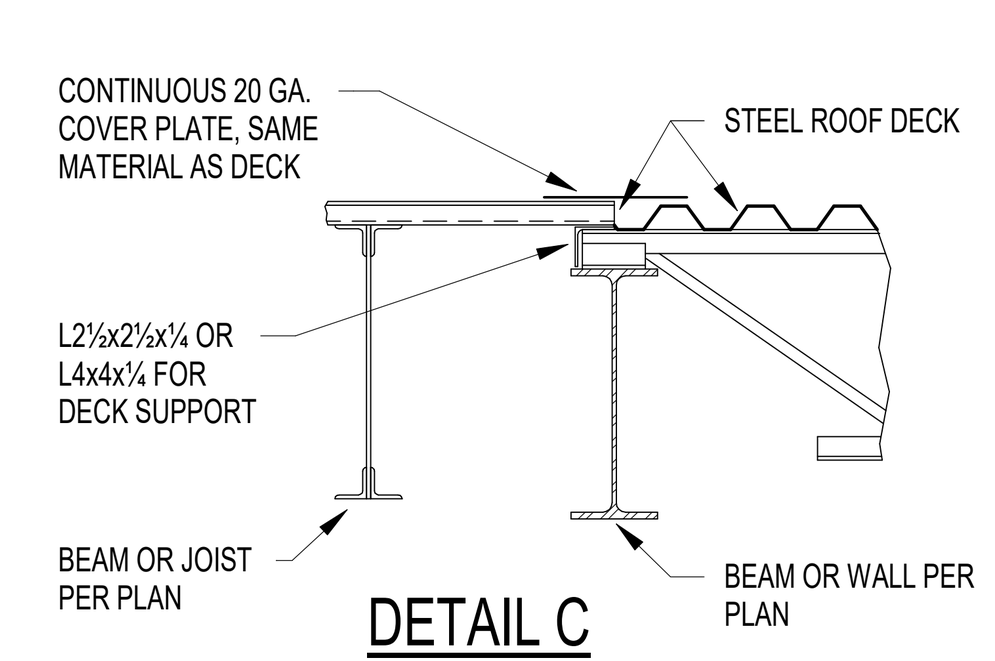
SCALE: NONE



DETAIL A



DETAIL B

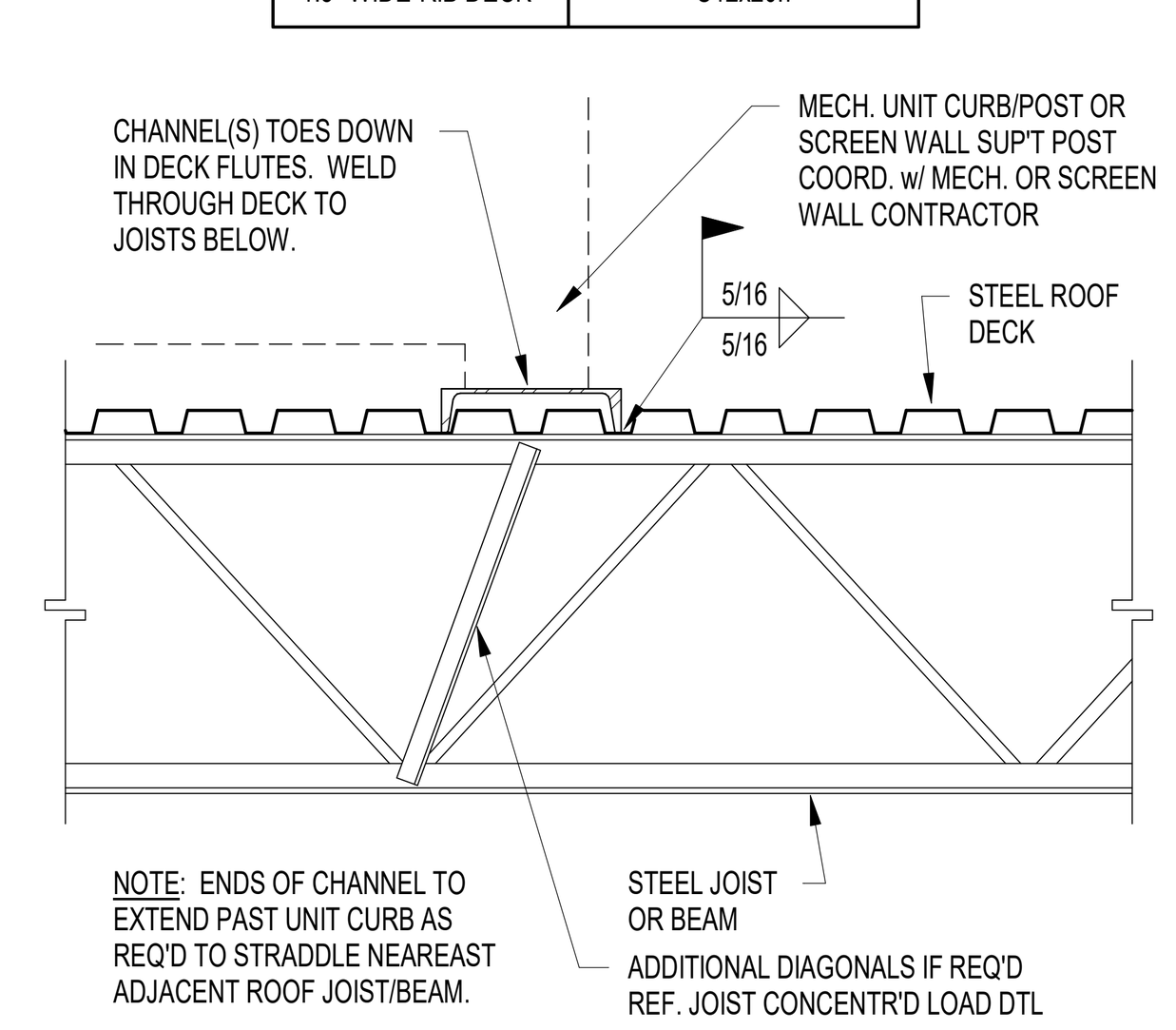


DETAIL C

17 S404 CHANGE OF ROOF DECK DIRECTION

SCALE: NONE

CHANNEL SIZE	
3" DEEP-RIB DECK	(2) MC8x22.8 (STITCH-WELD TOGETHER)
2" DOVETAIL DECK	C12x20.7
1.5" WIDE-RIB DECK	C12x20.7



<u>NOTE</u>: ENDS OF CHANNEL TO EXTEND PAST UNIT CURB AS REQ'D TO STRADDLE NEAREAST ADJACENT ROOF JOIST/BEAM.

18 S404 RTU CURB & SCREEN WALL POST SUPPORT DETAIL

SCALE: NONE

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Lynch, Harrison & Brumleve, Inc.
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Indianapolis, IN 46203
P 317.423.1550
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PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST

BID DOCUMENTS

17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

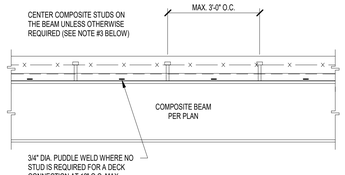
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRV	MDL

DRAWING TITLE:
TYPICAL DETAILS

CERTIFIED BY:
MARK D. LaVIER
REGISTERED
PE19400114
STATE OF INDIANA
PROFESSIONAL ENGINEER

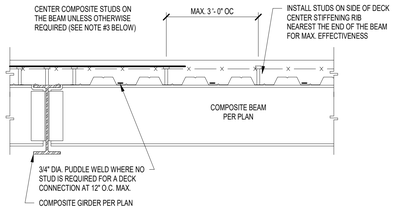
DRAWING NUMBER
S404

PROJECT NUMBER
2023061



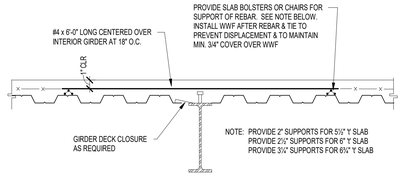
1. THE MIN. NUMBER OF STUDS FOR EACH BEAM IS SHOWN ON THE FRAMING PLAN.
2. SPACE STUDS AS EVENLY AS POSSIBLE IN AVAILABLE DECK FLUTES. WHERE STUD SPACING EXCEEDS THE MAX. SPACING ALLOWED, PROVIDE ADDITIONAL STUDS TO SATISFY THE SPACING REQUIREMENTS.
3. WHERE THE NUMBER OF STUDS EXCEEDS THE NUMBER OF FLUTES, PROVIDE TWO STUDS IN EVERY OTHER FLUTE, STARTING AT EACH END OF THE BEAM. THE TRANSVERSE SPACING BETWEEN TWO STUDS IN A SINGLE FLUTE SHALL BE 3", UNLESS NOTED OTHERWISE.
4. PLACE ANY NATURAL BEAM CAMBER UP.

1 S405 COMPOSITE GIRDER CONSTRUCTION
SCALE: NONE

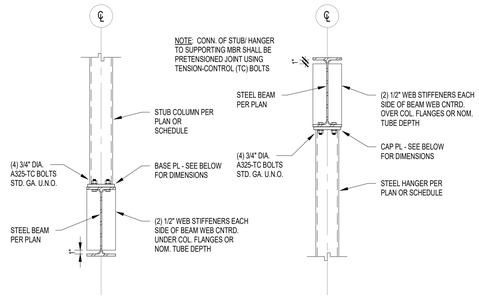


1. THE MIN. NUMBER OF STUDS FOR EACH BEAM IS SHOWN ON THE FRAMING PLAN.
2. SPACE STUDS AS EVENLY AS POSSIBLE IN AVAILABLE DECK FLUTES. WHERE STUD SPACING EXCEEDS THE MAX. SPACING ALLOWED, PROVIDE ADDITIONAL STUDS TO SATISFY THE SPACING REQUIREMENTS.
3. WHERE THE NUMBER OF STUDS EXCEEDS THE NUMBER OF FLUTES, PROVIDE TWO STUDS IN EVERY OTHER FLUTE, STARTING AT EACH END OF THE BEAM. THE TRANSVERSE SPACING BETWEEN TWO STUDS IN A SINGLE FLUTE SHALL BE 3", UNLESS NOTED OTHERWISE.
4. PLACE ANY NATURAL BEAM CAMBER UP.

2 S405 COMPOSITE PURLIN CONSTRUCTION
SCALE: NONE

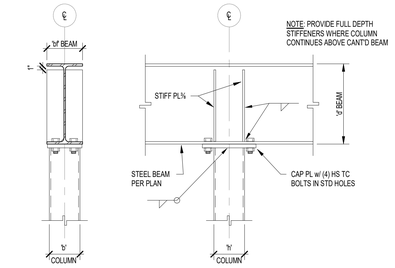


3 S405 INTERIOR COMPOSITE GIRDER DETAIL
SCALE: NONE



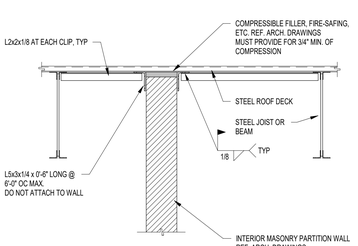
NOTES:
1. CAP/BASE PL 't' ≥ LARGER OF COL. OR BEAM FLANGE/WALL THICKNESS, WITH MIN. 't' = 1".
2. MIN. CAP PL LENGTH = COL. DEPTH + 8" UNLESS LONGER PL REQ'D FOR BEARING/CRIPPLING OR BOLT CLEARANCES.
3. MIN. CAP PL WIDTH = COL. WIDTH + 1" OR AS REQ'D FOR BOLT GA. + 3"
4. WHERE COLUMN DEPTH IS LESS THAN 8", REPLACE STIFFENER PLATES SHOWN WITH (1) STIFF. PL EA SIDE CENTERED ON COLUMN. PLATE MAY DOUBLE AS SHEAR PL WHERE SUPPORT OF A PERPENDICULAR BEAM IS REQUIRED.

4 S405 STUB/HANGER COLUMN DETAILS
SCALE: NONE

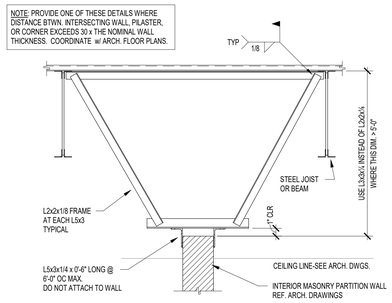


NOTES:
1. CAP PL 't' ≥ LARGER OF COL. OR BEAM FLANGE/WALL THICKNESS, WITH MIN. 't' = 1".
2. MIN. CAP PL LENGTH = COL. DEPTH + 6" UNLESS LONGER PL REQ'D FOR BEARING/CRIPPLING OR BOLT CLEARANCES.
3. MIN. CAP PL WIDTH = COL. WIDTH + 1" OR AS REQ'D FOR BOLT GA. + 3"
4. WHERE COLUMN DEPTH IS LESS THAN 8", REPLACE STIFFENER PLATES SHOWN WITH (1) STIFF. PL EA SIDE CENTERED ON COLUMN. PLATE MAY DOUBLE AS SHEAR PL WHERE SUPPORT OF A PERPENDICULAR BEAM IS REQUIRED.
5. WHERE COLUMN CONTINUES ABOVE BEAM, BASE PL ABOVE TO BE SIM. TO CAP PL BELOW.

5 S405 CONTIN. BEAM OVER TOP OF COLUMN
SCALE: NONE

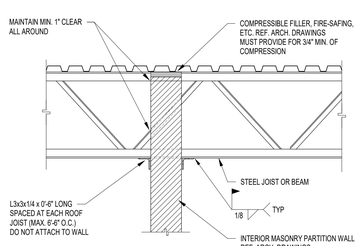


WALL EXTENDED TO BOTTOM OF STRUCTURE
WALL PARALLEL TO PURLINS

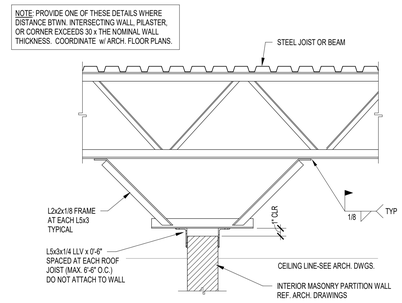


WALL EXTENDED TO ABOVE CEILING
WALL PARALLEL TO PURLINS

6 S405 CMU PARTITION BRACING DETAILS - PARALLEL TO PURLINS
SCALE: NONE

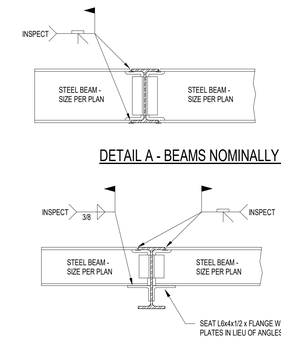


WALL EXTENDED TO BOTTOM OF STRUCTURE
WALL PERPENDICULAR TO PURLINS



WALL EXTENDED TO ABOVE CEILING
WALL PERPENDICULAR TO PURLINS

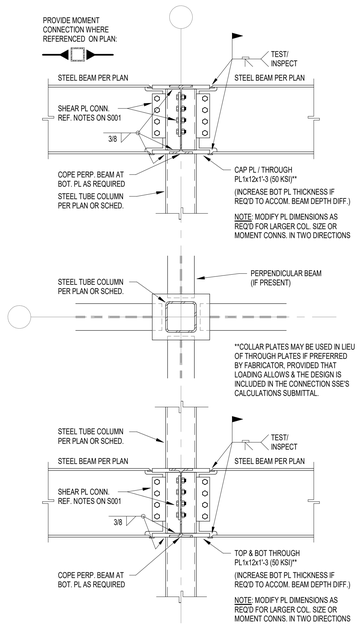
7 S405 CMU PARTITION BRACING DETAILS - PERPENDICULAR TO PURLINS
SCALE: NONE



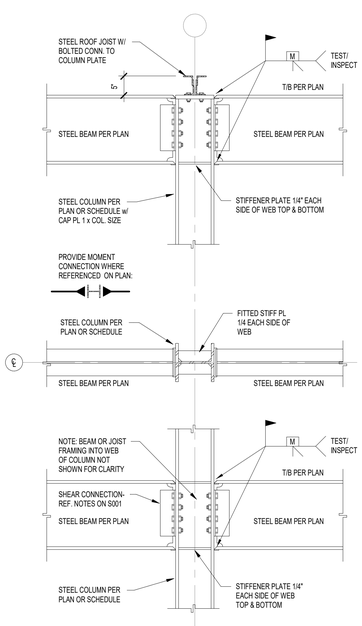
DETAIL A - BEAMS NOMINALLY SAME DEPTH

DETAIL B - BEAMS OF DIFFERENT DEPTH

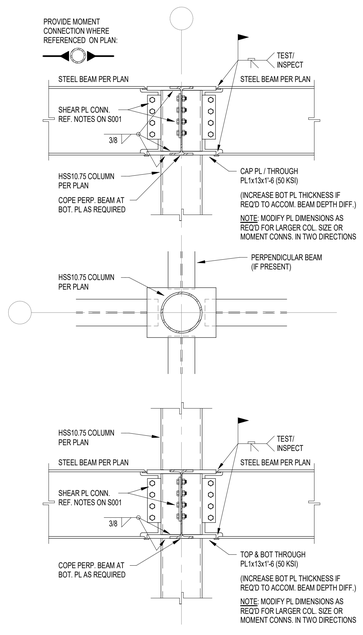
8 S405 BEAM-TO-BEAM MOMENT CONNECTIONS
SCALE: NONE



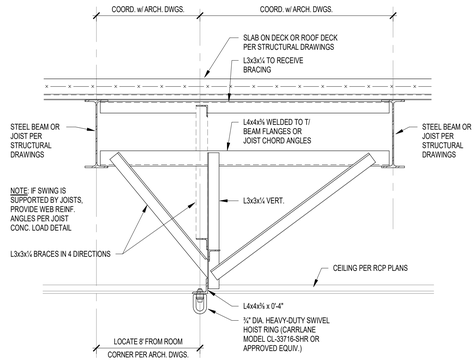
9 S405 BEAM TO HSS COL. MOMENT CONNECTIONS
SCALE: NONE



10 S405 TYPICAL BEAM TO WF COL. MOMENT CONN.
SCALE: NONE



11 S405 BEAM TO HSS ROUND COL. MOMENT CONN.
SCALE: NONE



12 S405 SWING SUPPORT DETAIL
SCALE: NONE

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Indianapolis, IN 46203

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

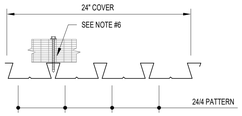
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRV	MDL

DRAWING TITLE:
TYPICAL DETAILS

CERTIFIED BY:
MARK D. LAVIER
REGISTERED
PE19400114
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
S405

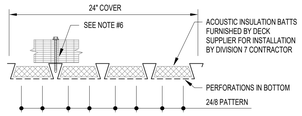
PROJECT NUMBER
2023061



NOTES:

1. 2", 20 GA. GALVANIZED & PRIME-PAINTED DOVETAIL STEEL ROOF DECK.
2. MECHANICAL FASTENERS SHALL BE USED IN LIEU OF WELDS.
   USE THE FOLLOWING HILTI POWDER ACTUATED FASTENERS:
   USE X-HSN 24 FOR OPEN-WEB STEEL JOISTS & STRUCTURAL STEEL 1/8" ≤ 't' ≤ 3/8"
   USE X-ENP-19 L15 FOR STRUCTURAL STEEL & HEAVY OPEN-WEB JOISTS 't' ≥ 1/4"
   ACCEPTABLE ALTERNATE: PNEUTEK AIR/SAFE FASTENING SYSTEM.
   SUBMIT PROPOSED FASTENERS & TECHNICAL DATA FOR REVIEW.
3. USE #12 TEK SCREW SIDELAP FASTENERS @ 18" OC MAX.
4. COORD. ROOFING ATTACHMENTS w/ DIVISION 7 CONTRACTOR SO THAT ALL FASTENERS ATTACH TO THE TOP (NARROW) FLANGE OF THE DECK, I.E. NO EXPOSED FASTENERS PERMITTED IN THE FINISHED STRUCTURE. SCREWS EXPOSED TO VIEW FROM THE BOTTOM ARE SUBJECT TO REMOVAL AND REPLACEMENT OF THE DECKING AT CONTRACTOR'S EXPENSE.
5. REF. DECK TYPE ← (2) → ON THE FRAMING PLANS.
6. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

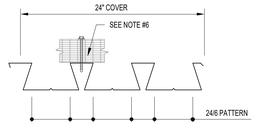
1 / S406 **2" DOVETAIL STEEL ROOF DECK**
SCALE: NONE



NOTES:

1. 2", 18 GA. GALVANIZED & PRIME-PAINTED DOVETAIL ACOUSTICAL STEEL ROOF DECK.
2. MECHANICAL FASTENERS SHALL BE USED IN LIEU OF WELDS.
   USE THE FOLLOWING HILTI POWDER ACTUATED FASTENERS:
   USE X-HSN 24 FOR OPEN-WEB STEEL JOISTS & STRUCTURAL STEEL 1/8" ≤ 't' ≤ 3/8"
   USE X-ENP-19 L15 FOR STRUCTURAL STEEL & HEAVY OPEN-WEB JOISTS 't' ≥ 1/4"
   ACCEPTABLE ALTERNATE: PNEUTEK AIR/SAFE FASTENING SYSTEM.
   SUBMIT PROPOSED FASTENERS & TECHNICAL DATA FOR REVIEW.
3. USE #12 TEK SCREW SIDELAP FASTENERS @ SPACING NOTED ON PLAN.
4. PROVIDE MFR'S STANDARD INERT, NON-ORGANIC FIBER SOUND-ABSORBING BATTS PLACED IN RIB OPENINGS. MIN. NRC = 0.90.
5. COORD. ROOFING ATTACHMENTS w/ DIVISION 7 CONTRACTOR SO THAT ALL FASTENERS ATTACH TO THE TOP (NARROW) FLANGE OF THE DECK, I.E. NO EXPOSED FASTENERS PERMITTED IN THE FINISHED STRUCTURE. SCREWS EXPOSED TO VIEW FROM THE BOTTOM ARE SUBJECT TO REMOVAL AND REPLACEMENT OF THE DECKING AT CONTRACTOR'S EXPENSE.
6. REF. DECK TYPE ← (2A) → ON THE FRAMING PLANS.
7. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

2 / S406 **2" DOVETAIL ACOUST. STEEL ROOF DECK**
SCALE: NONE



NOTES:

1. 3½", 20 GA. GALVANIZED & PRIME-PAINTED DOVETAIL STEEL ROOF DECK.
2. MECHANICAL FASTENERS SHALL BE USED IN LIEU OF WELDS.
   USE THE FOLLOWING HILTI POWDER ACTUATED FASTENERS:
   USE X-HSN 24 FOR OPEN-WEB STEEL JOISTS & STRUCTURAL STEEL 1/8" ≤ 't' ≤ 3/8"
   USE X-ENP-19 L15 FOR STRUCTURAL STEEL & HEAVY OPEN-WEB JOISTS 't' ≥ 1/4"
   ACCEPTABLE ALTERNATE: PNEUTEK AIR/SAFE FASTENING SYSTEM.
   SUBMIT PROPOSED FASTENERS & TECHNICAL DATA FOR REVIEW.
3. USE #12 TEK SCREW SIDELAP FASTENERS @ 18" OC MAX.
4. COORD. ROOFING ATTACHMENTS w/ DIVISION 7 CONTRACTOR SO THAT ALL FASTENERS ATTACH TO THE TOP (NARROW) FLANGE OF THE DECK, I.E. NO EXPOSED FASTENERS PERMITTED IN THE FINISHED STRUCTURE. SCREWS EXPOSED TO VIEW FROM THE BOTTOM ARE SUBJECT TO REMOVAL AND REPLACEMENT OF THE DECKING AT CONTRACTOR'S EXPENSE.
5. REF. DECK TYPE ← (3.5) → ON THE FRAMING PLANS.
6. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

3 / S406 **3½" DOVETAIL STEEL ROOF DECK**
SCALE: NONE

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Indianapolis, IN 46203

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WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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TYPICAL DETAILS

CERTIFIED BY:
MARK D. LAVIER
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DRAWING NUMBER
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PROJECT NUMBER
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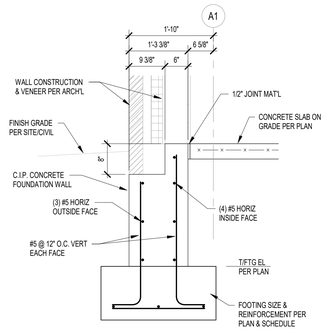
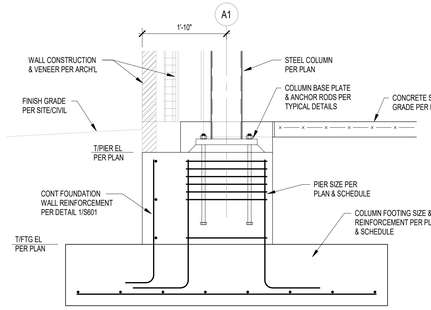
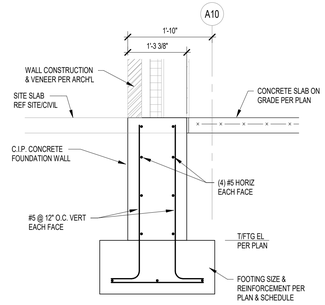


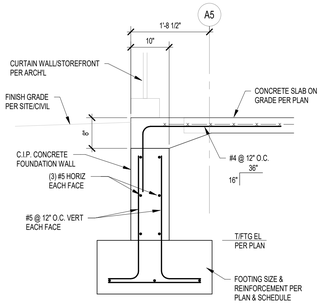
1 S601 SECTION
SCALE: 3/4" = 1'-0"



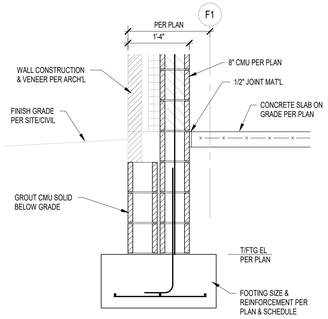
2 S601 SECTION
SCALE: 3/4" = 1'-0"



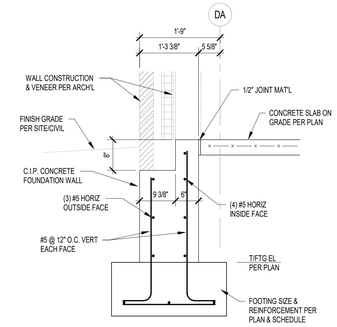
3 S601 SECTION
SCALE: 3/4" = 1'-0"



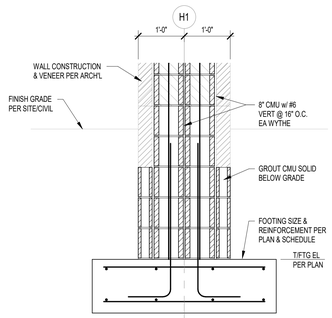
4 S601 SECTION
SCALE: 3/4" = 1'-0"



5 S601 SECTION
SCALE: 3/4" = 1'-0"



6 S601 SECTION
SCALE: 3/4" = 1'-0"



7 S601 SECTION
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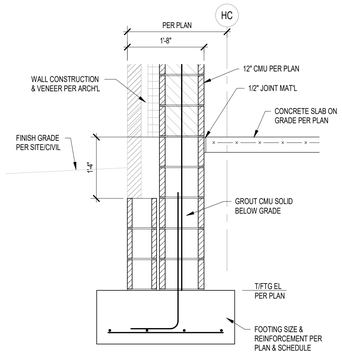

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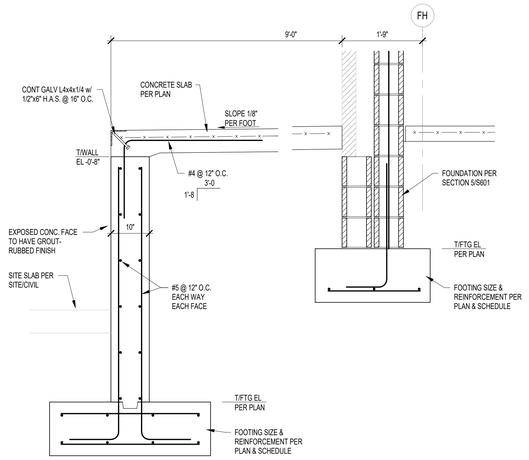

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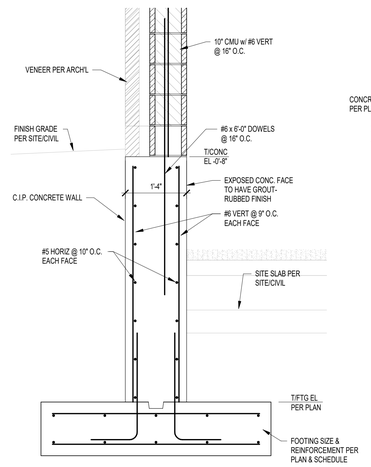

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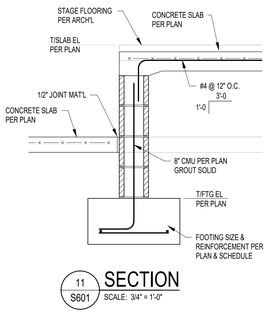

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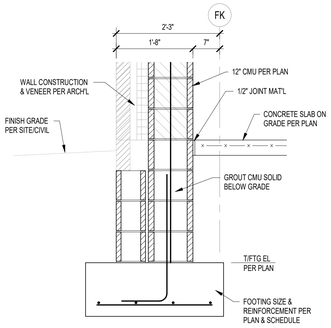

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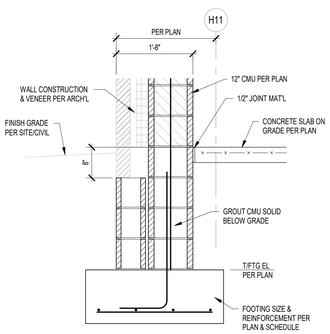

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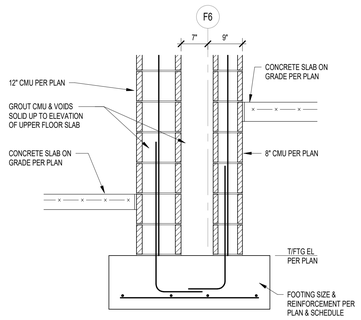

14 S601 SECTION
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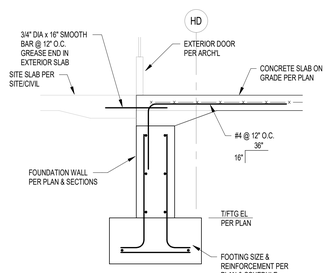
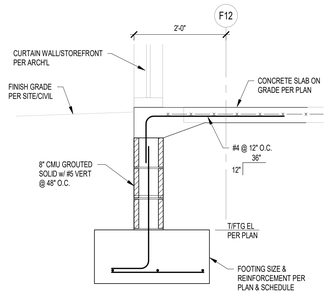


15 S601 SECTION AT EXTERIOR DOOR
SCALE: 3/4" = 1'-0"



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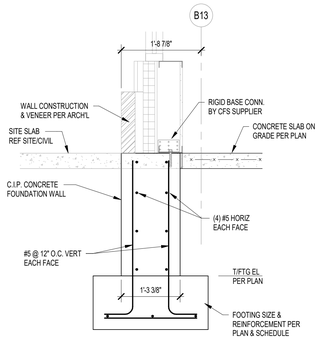

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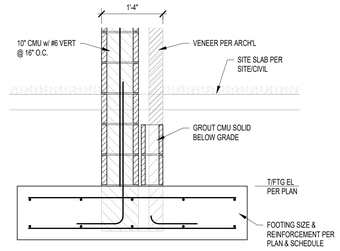

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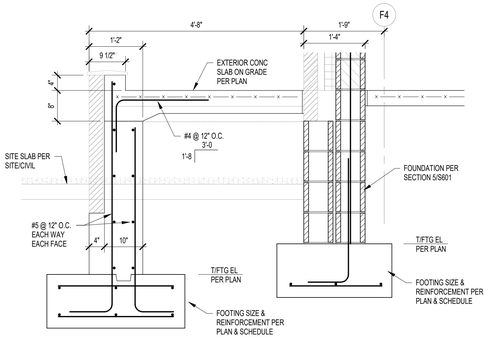

19 S601 SECTION
SCALE: 3/4" = 1'-0"

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Lynch, Harrison & Brumleve, Inc.
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550 Virginia Avenue
Indianapolis, IN 46203

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for the satisfactory purchase and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

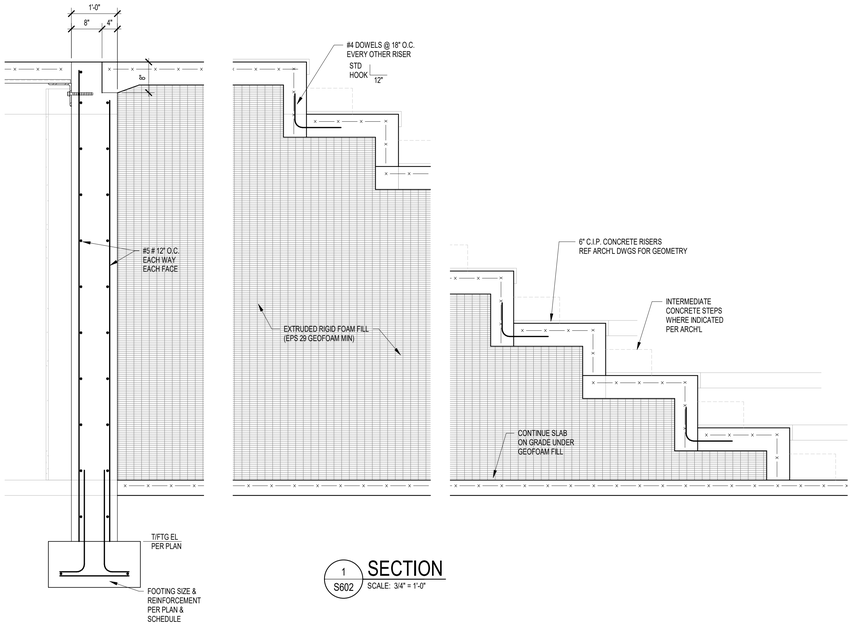
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRO	MDL

DRAWING TITLE:
FOUNDATION SECTIONS AND DETAILS

CERTIFIED BY:
MARK D. LAVELEY
REGISTERED
PE19400114
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
S601

PROJECT NUMBER
2023061



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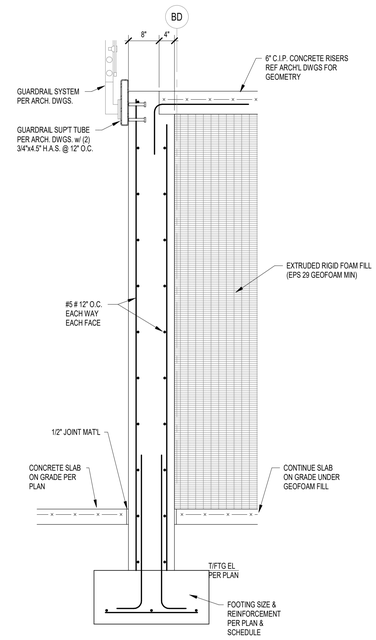

2 S602 SECTION
SCALE: 3/4" = 1'-0"

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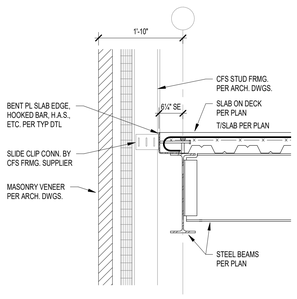
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRO	MDL

DRAWING TITLE:
FOUNDATION SECTIONS AND DETAILS

CERTIFIED BY:
MARK D. LAVIER
REGISTERED
PE19400114
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
S602

PROJECT NUMBER
2023061



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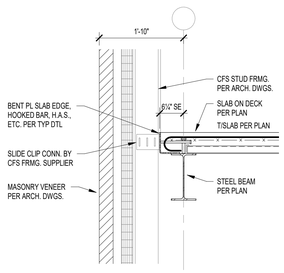

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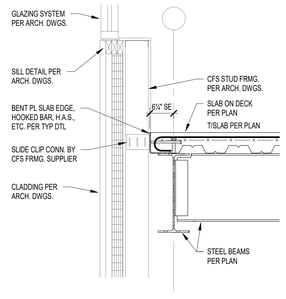

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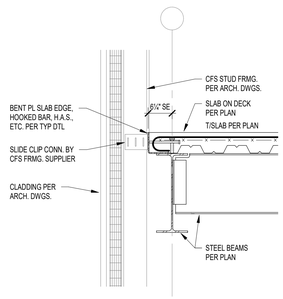

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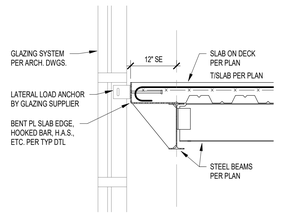

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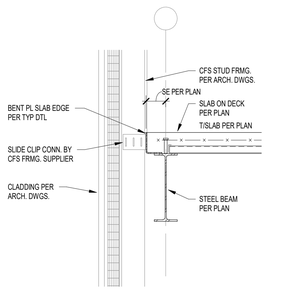

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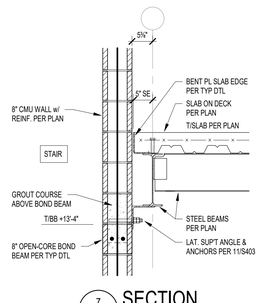

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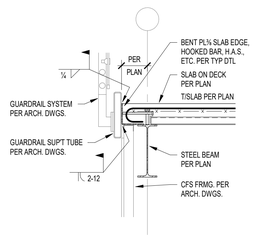

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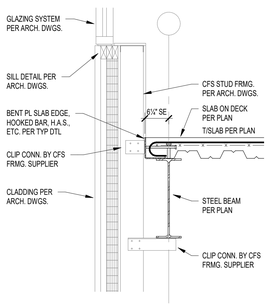

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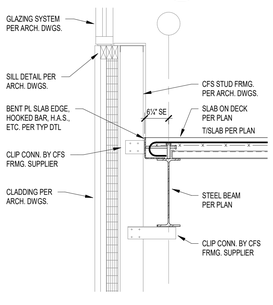

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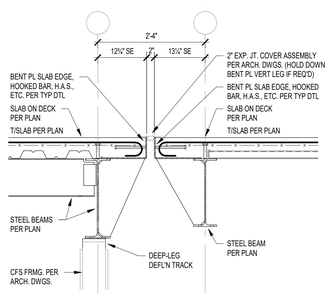

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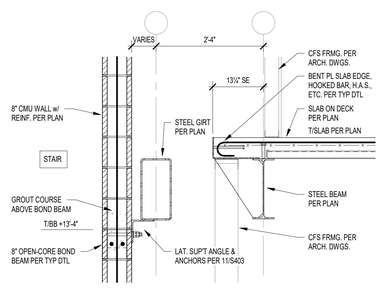

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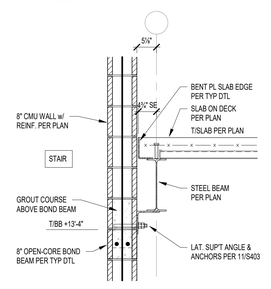

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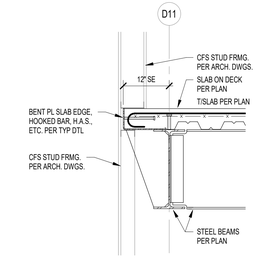

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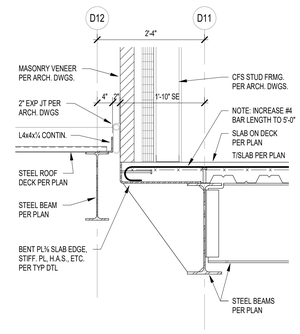

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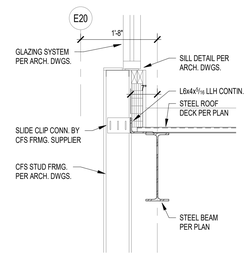

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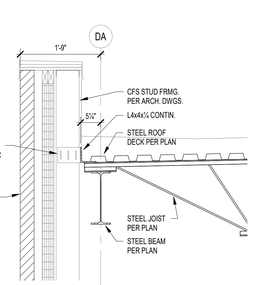

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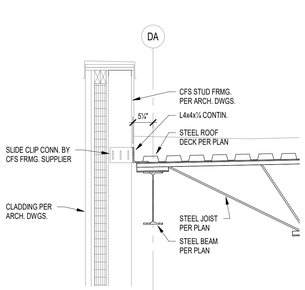

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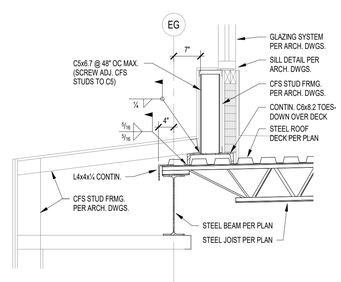

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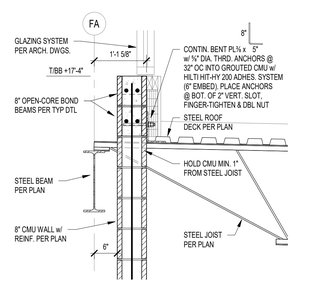

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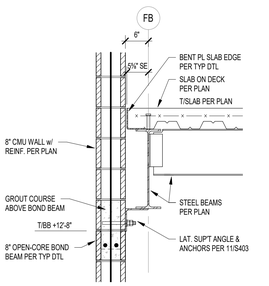

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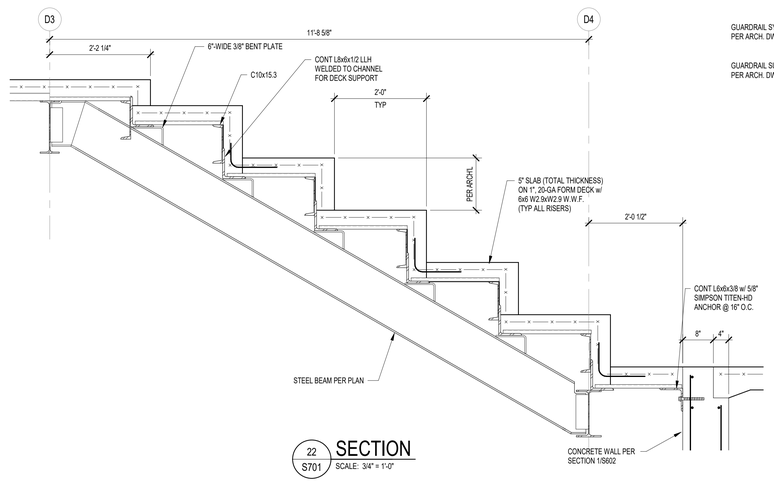

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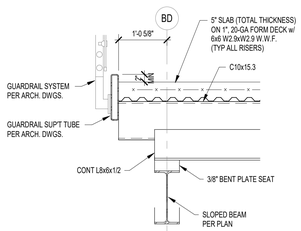

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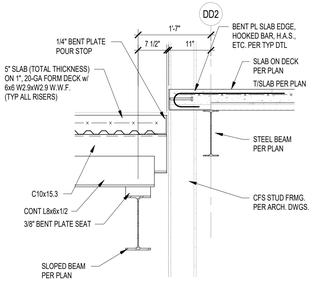

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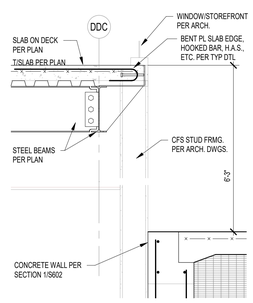

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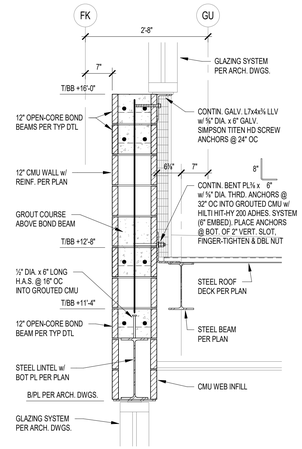

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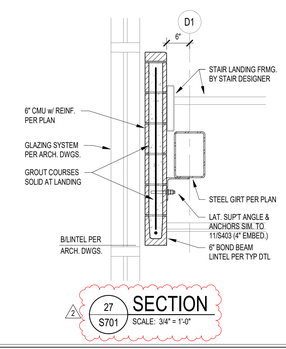

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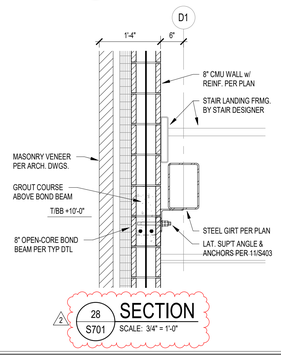

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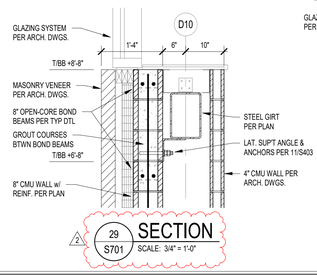

29 S701 SECTION
SCALE: 3/4" = 1'-0"

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REVISIONS:

1	ADDENDUM NO. 05	08/09/2024
2	ADDENDUM NO. 06	08/16/2024

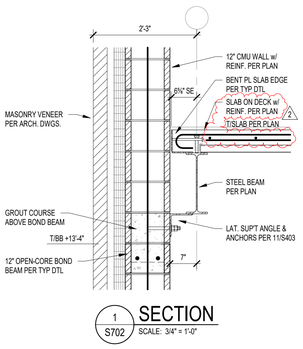
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRV/JRO	MDL

DRAWING TITLE:
FRAMING SECTIONS AND DETAILS

CERTIFIED BY:
MARK D. LAWLER
PE19400114
STATE OF INDIANA
REGISTERED PROFESSIONAL ENGINEER

DRAWING NUMBER
S701

PROJECT NUMBER
2023061



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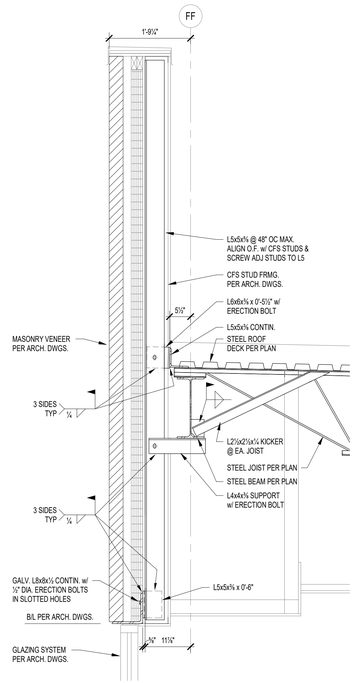

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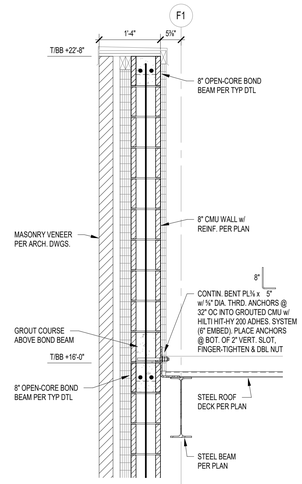

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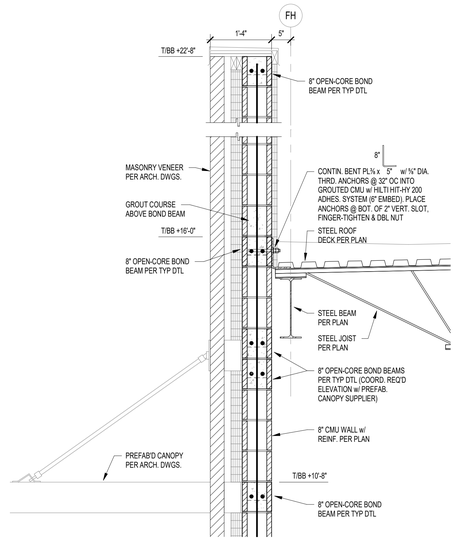

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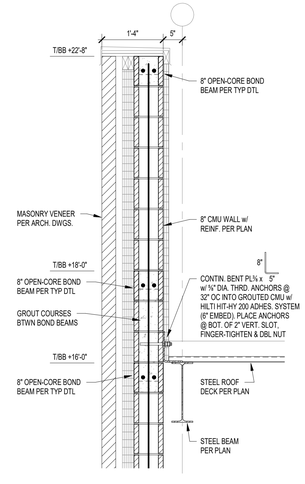

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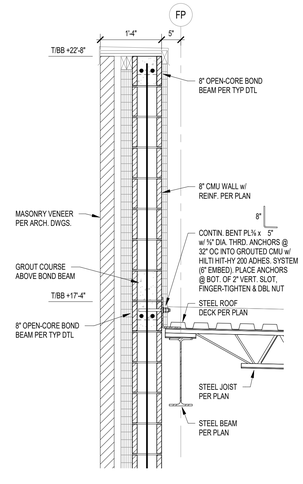

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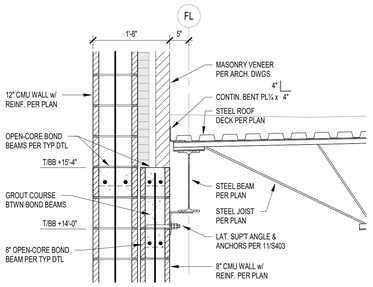

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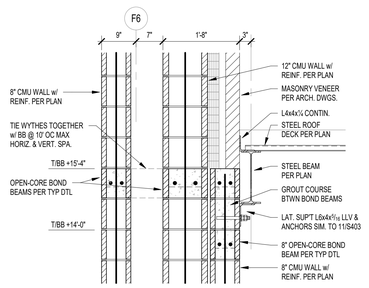

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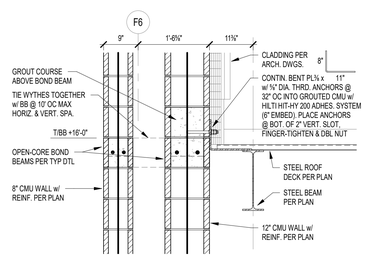

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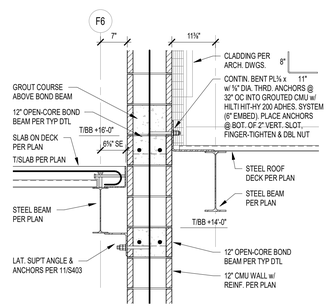

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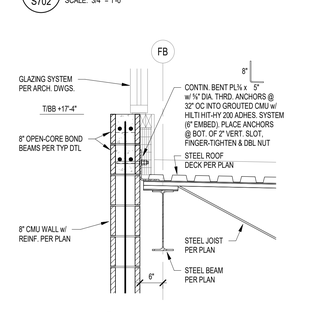

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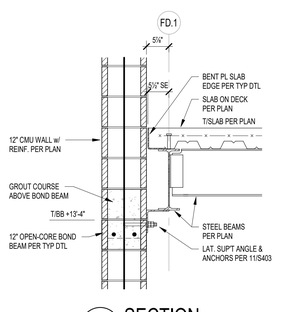

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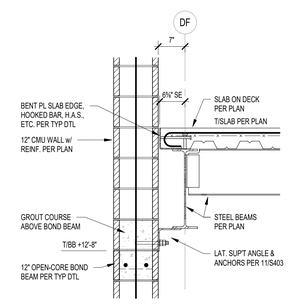

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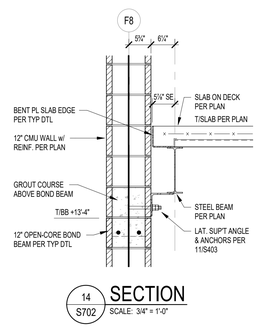

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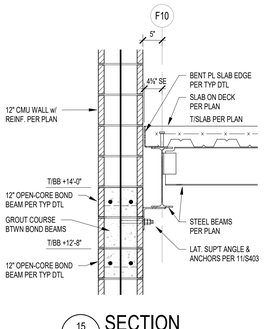

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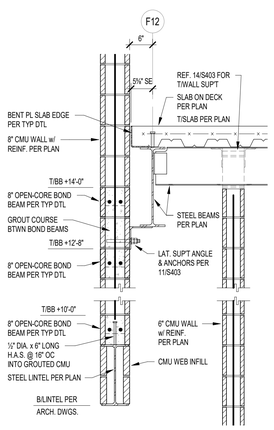

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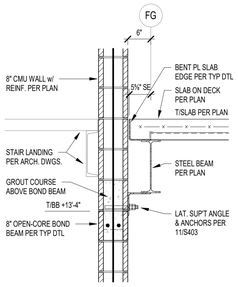

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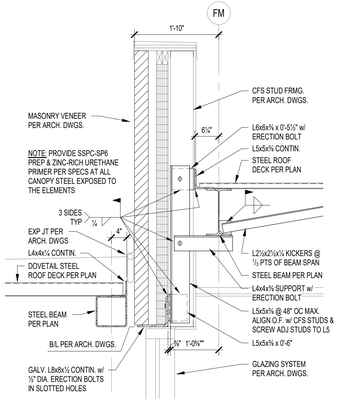

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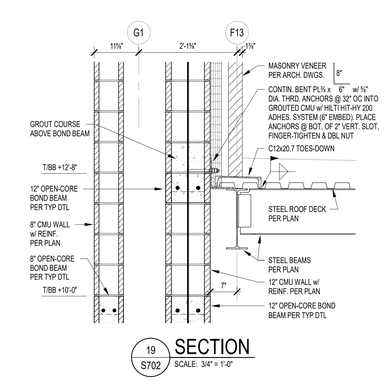

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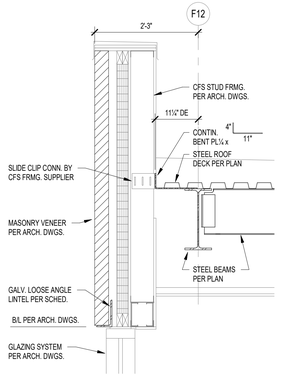

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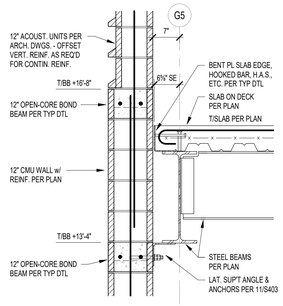

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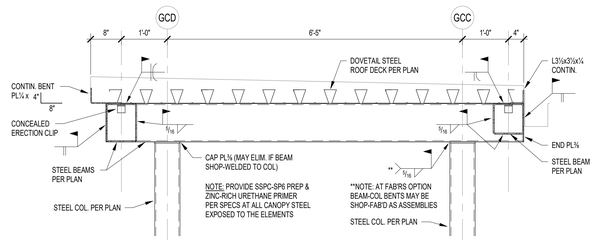

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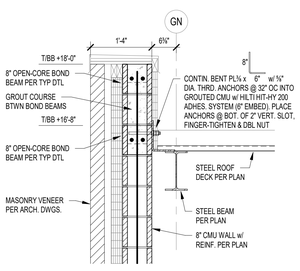

23 S702 SECTION
SCALE: 3/4" = 1'-0"

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Lynch, Harrison & Brumleve, Inc.
P 317.423.1550
F 317.423.1551
550 Virginia Avenue
Indianapolis, IN 46203

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for the performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM NO. 05	08/09/2024
2	ADDENDUM NO. 06	08/16/2024

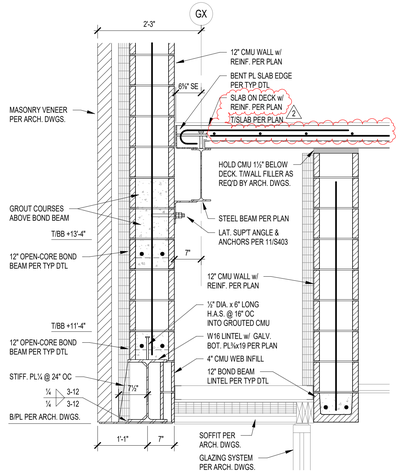
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRV	MDL

DRAWING TITLE:
FRAMING SECTIONS AND DETAILS

CERTIFIED BY:
MARK D. LAVELLE
REGISTERED
PE19400114
STATE OF
INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
S702

PROJECT NUMBER
2023061



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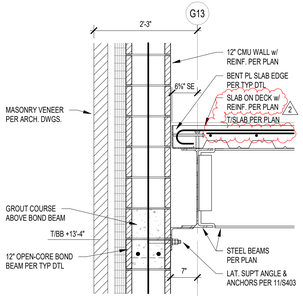

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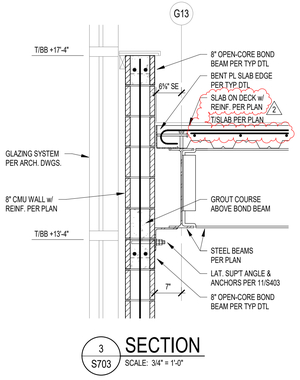

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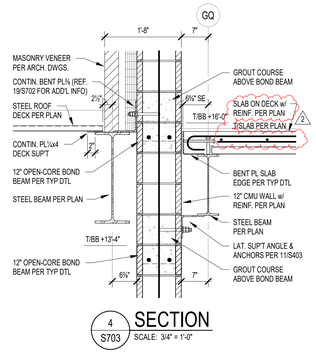

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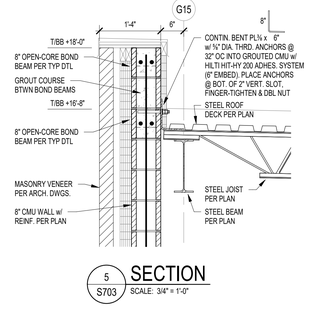

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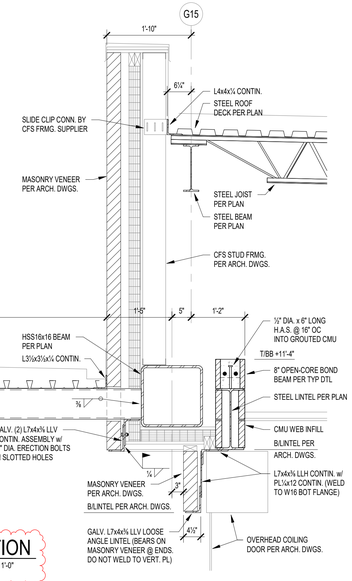

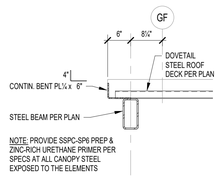

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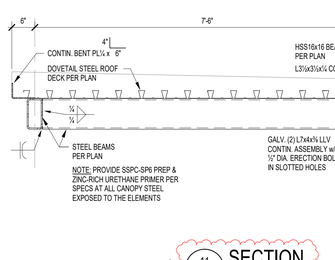

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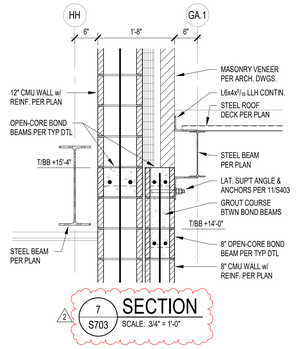

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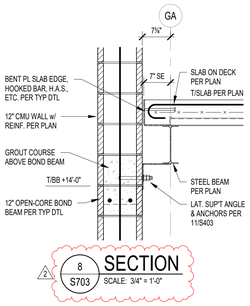

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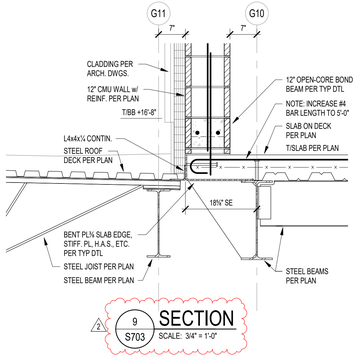

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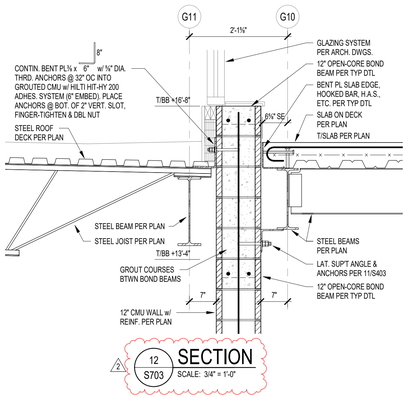

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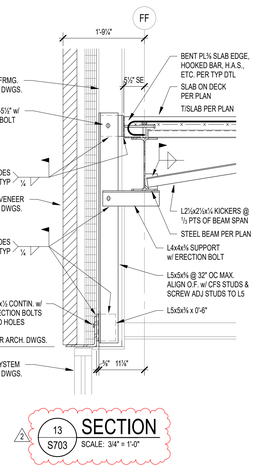

13 S703 SECTION
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DRAWING TITLE:
FRAMING SECTIONS AND DETAILS

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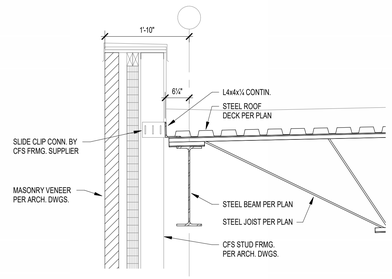

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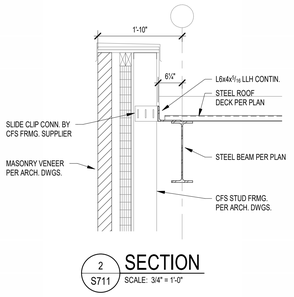

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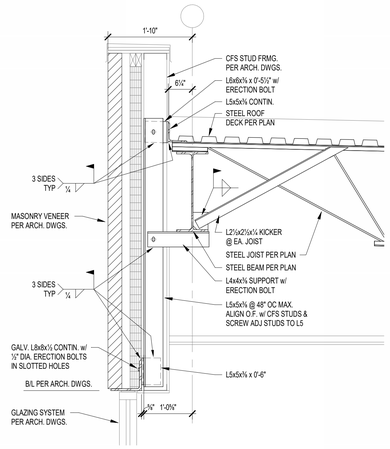

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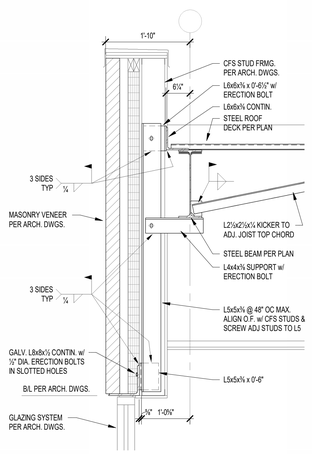

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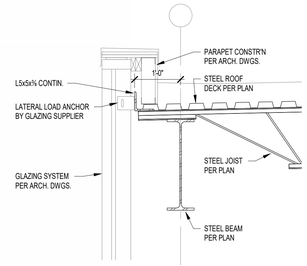

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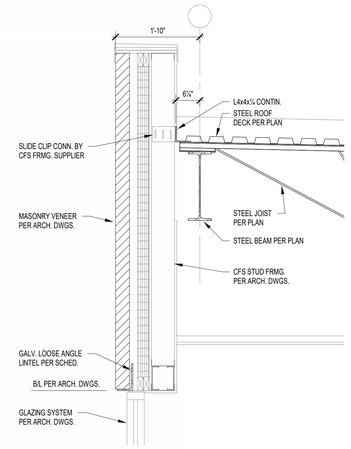

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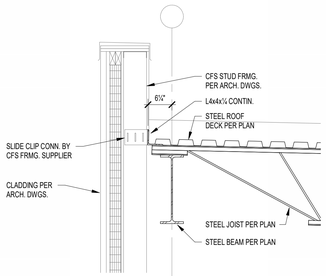

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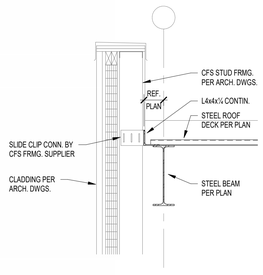

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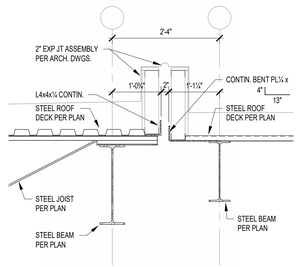

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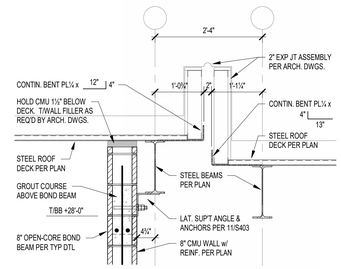

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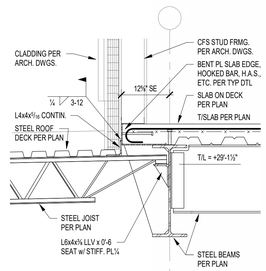

11 S711 SECTION
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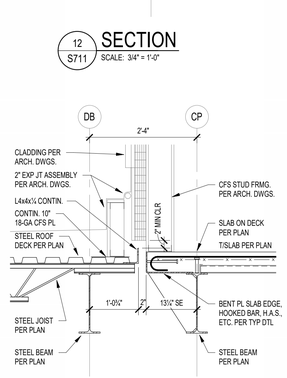

13 S711 SECTION
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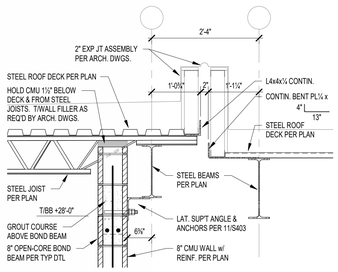

14 S711 SECTION
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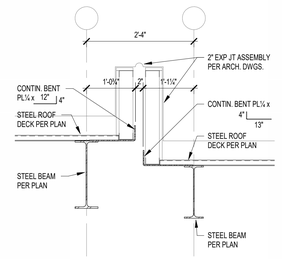

15 S711 SECTION
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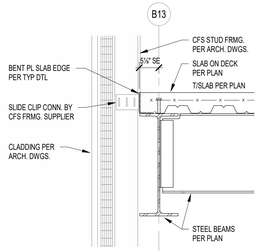

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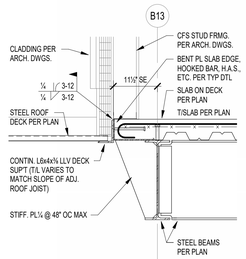

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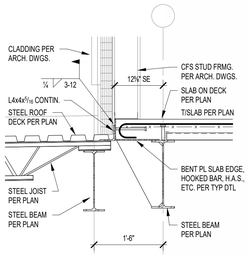

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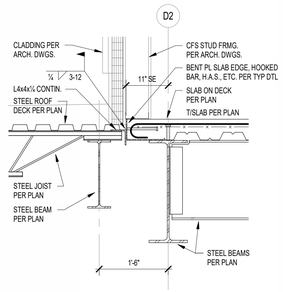

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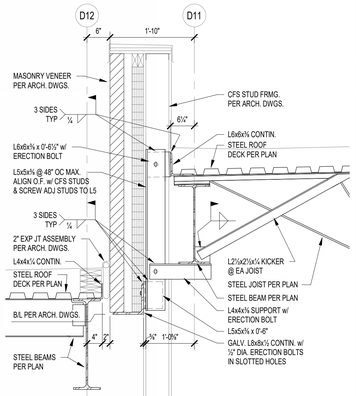

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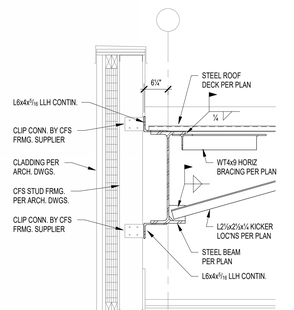

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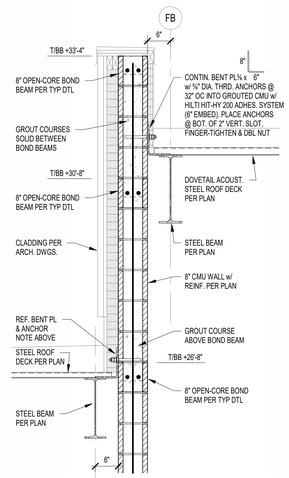

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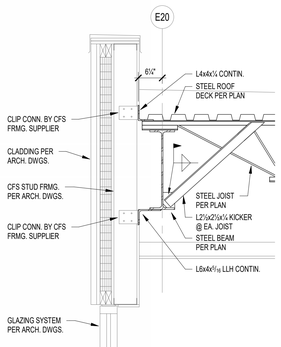

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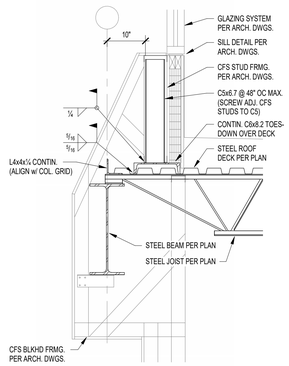

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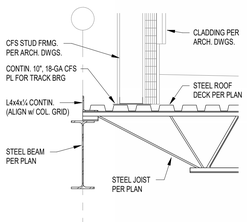

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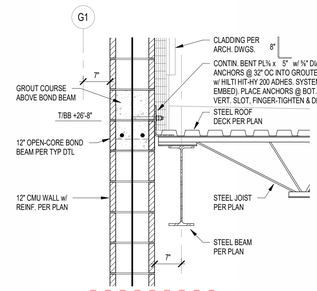
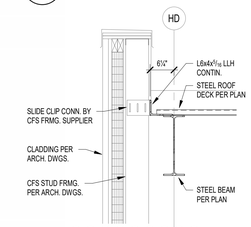


26 S711 SECTION
SCALE: 3/4" = 1'-0"



27 S711 SECTION
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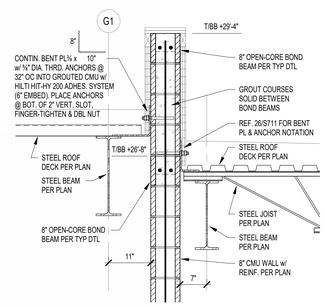

28 S711 SECTION
SCALE: 3/4" = 1'-0"

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550 Virginia Avenue
Indianapolis, IN 46203

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project limits, the extent and character of the work to be done in the building, the major architectural elements and the type of structural, mechanical and electrical systems.
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On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:
1 ADDENDUM NO. 05 08/09/2024

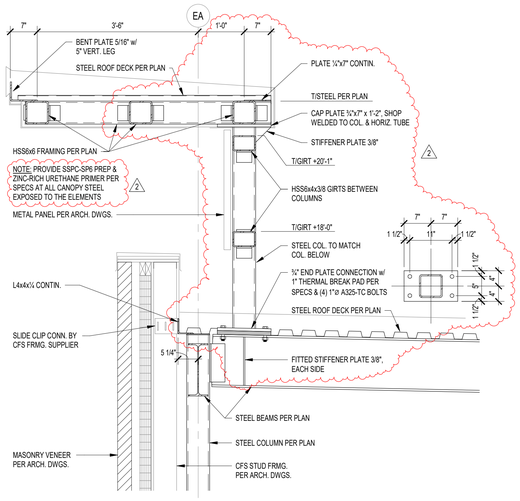
ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	JRV	MDL

DRAWING TITLE:
FRAMING SECTIONS AND DETAILS

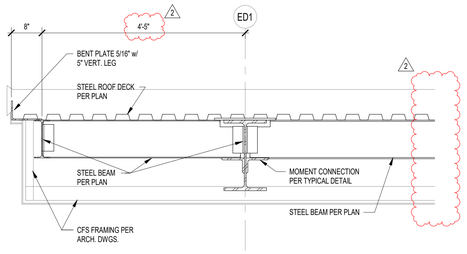
CERTIFIED BY:
MARK D. LAVELLE
REGISTERED
PE19400114
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
S711

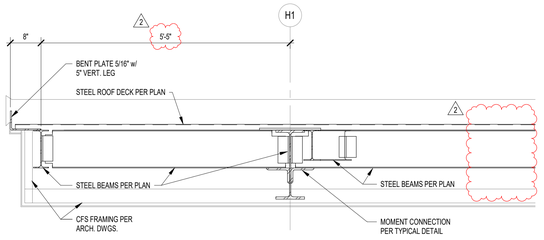
PROJECT NUMBER
2023061



1 SECTION
S712 SCALE: 3/4" = 1'-0"



2 SECTION
S712 SCALE: 3/4" = 1'-0"



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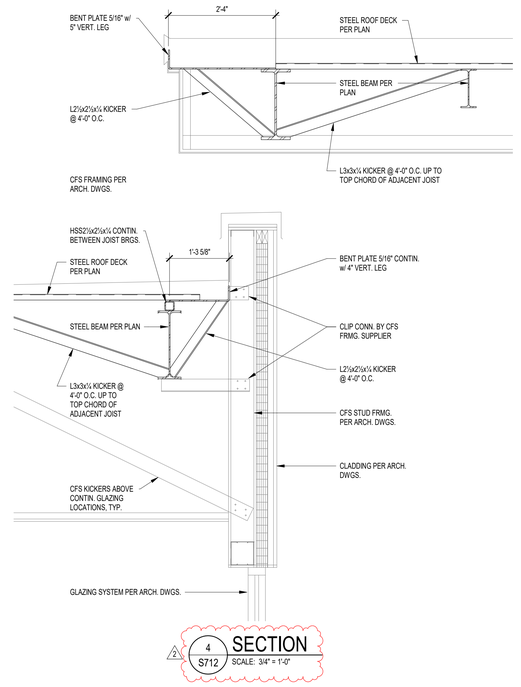

4 SECTION
S712 SCALE: 3/4" = 1'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:
2 ADDENDUM NO. 06 08/16/2024

ISSUE DATE	DRAWN BY	CHECKED BY
07/26/2024	MDL	MDL

DRAWING TITLE:
FRAMING SECTIONS AND DETAILS

CERTIFIED BY:
MARK D. LAVIER
REGISTERED
PE19400114
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
S712

PROJECT NUMBER
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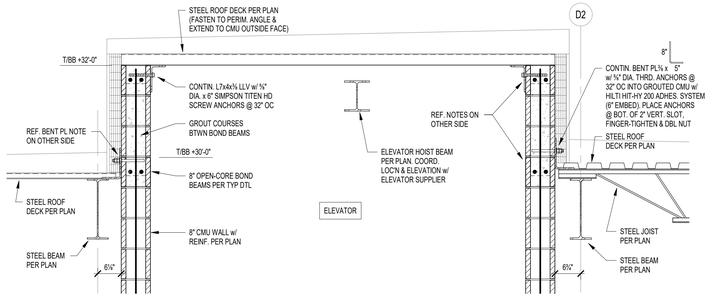

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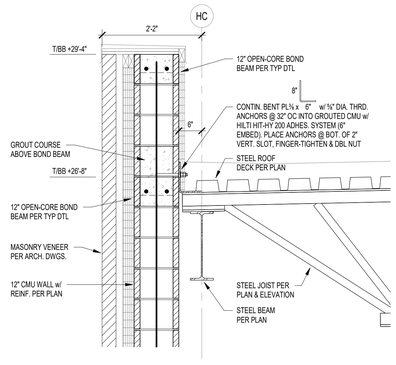

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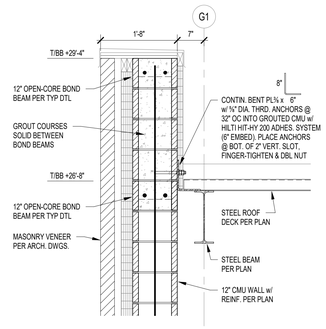

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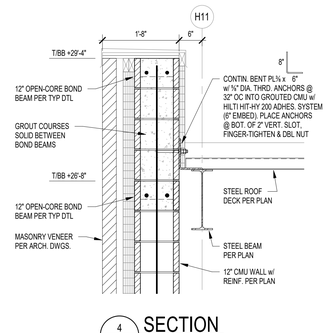

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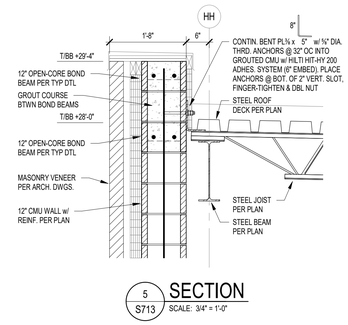

5 S713 **SECTION**
SCALE: 3/4" = 1'-0"

6 S713 **SECTION**
SCALE: 3/4" = 1'-0"

2 7 S713 **SECTION**
SCALE: 3/4" = 1'-0"

2 8 S713 **SECTION**
SCALE: 3/4" = 1'-0"

2 9 S713 **SECTION**
SCALE: 3/4" = 1'-0"

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DRAWING NUMBER
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PROJECT NUMBER
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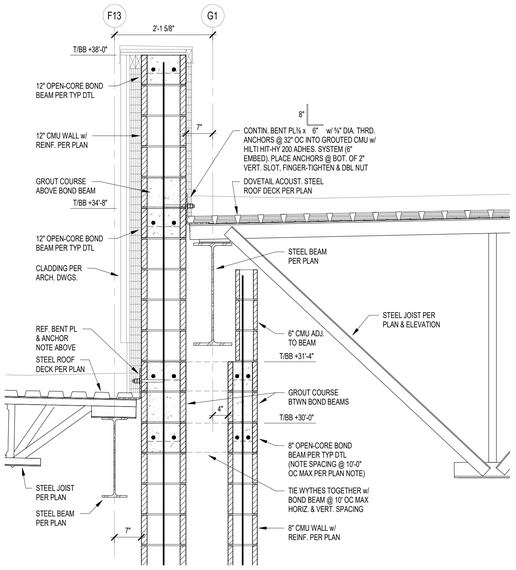

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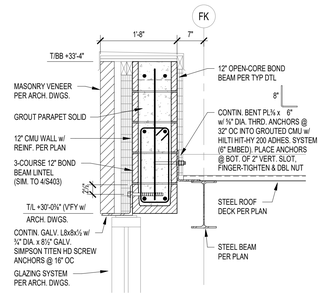

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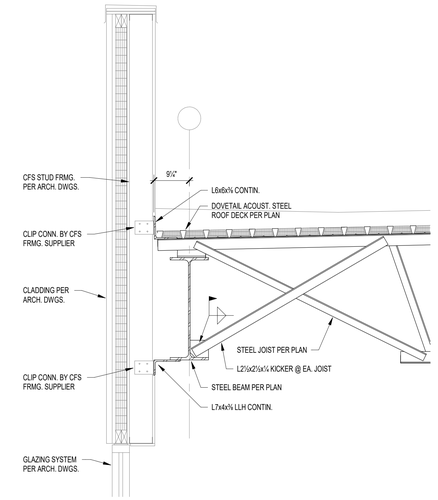

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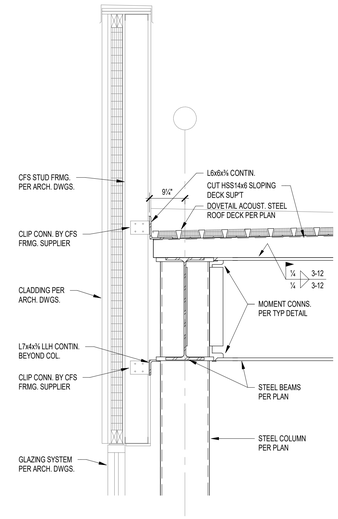

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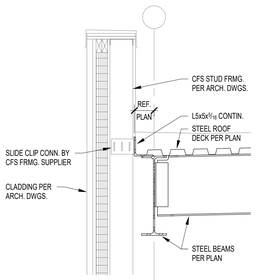

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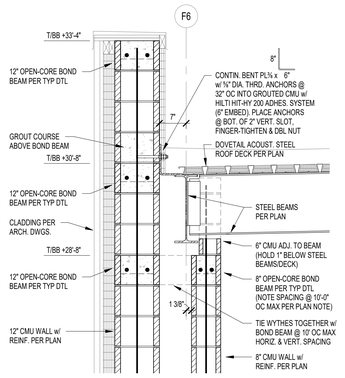

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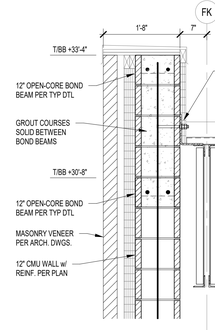

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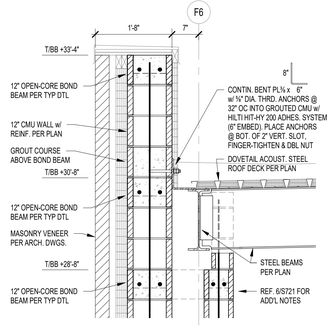

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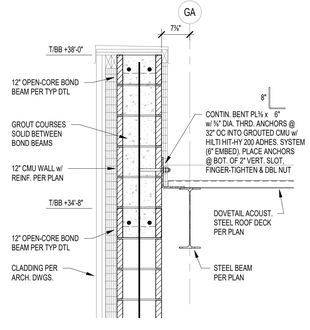

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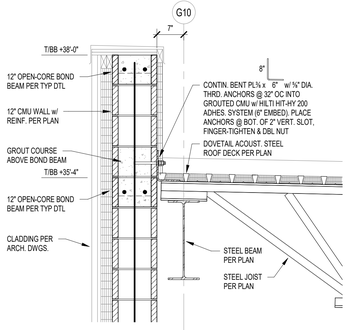

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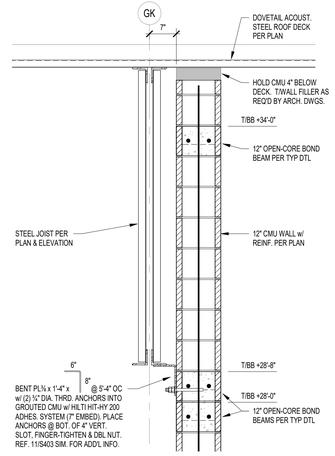

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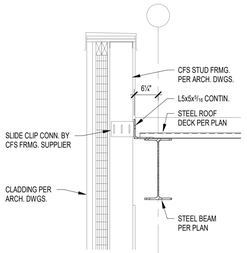

12 S721 SECTION
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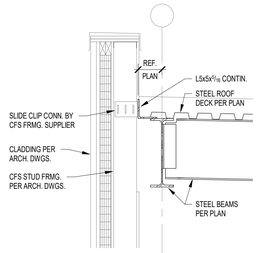

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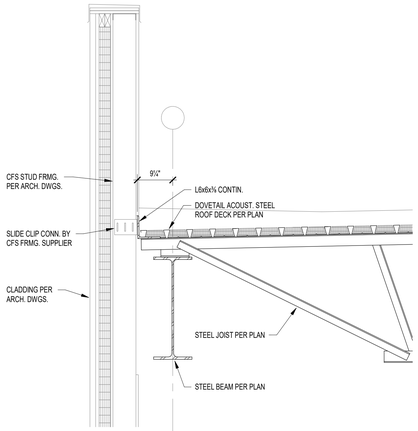

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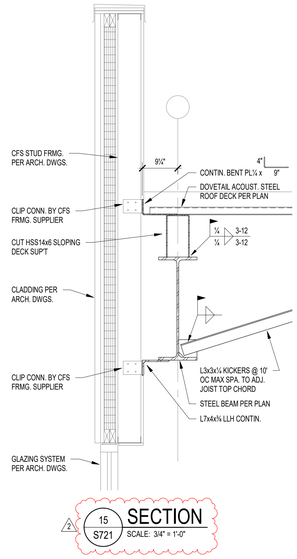

15 S721 SECTION
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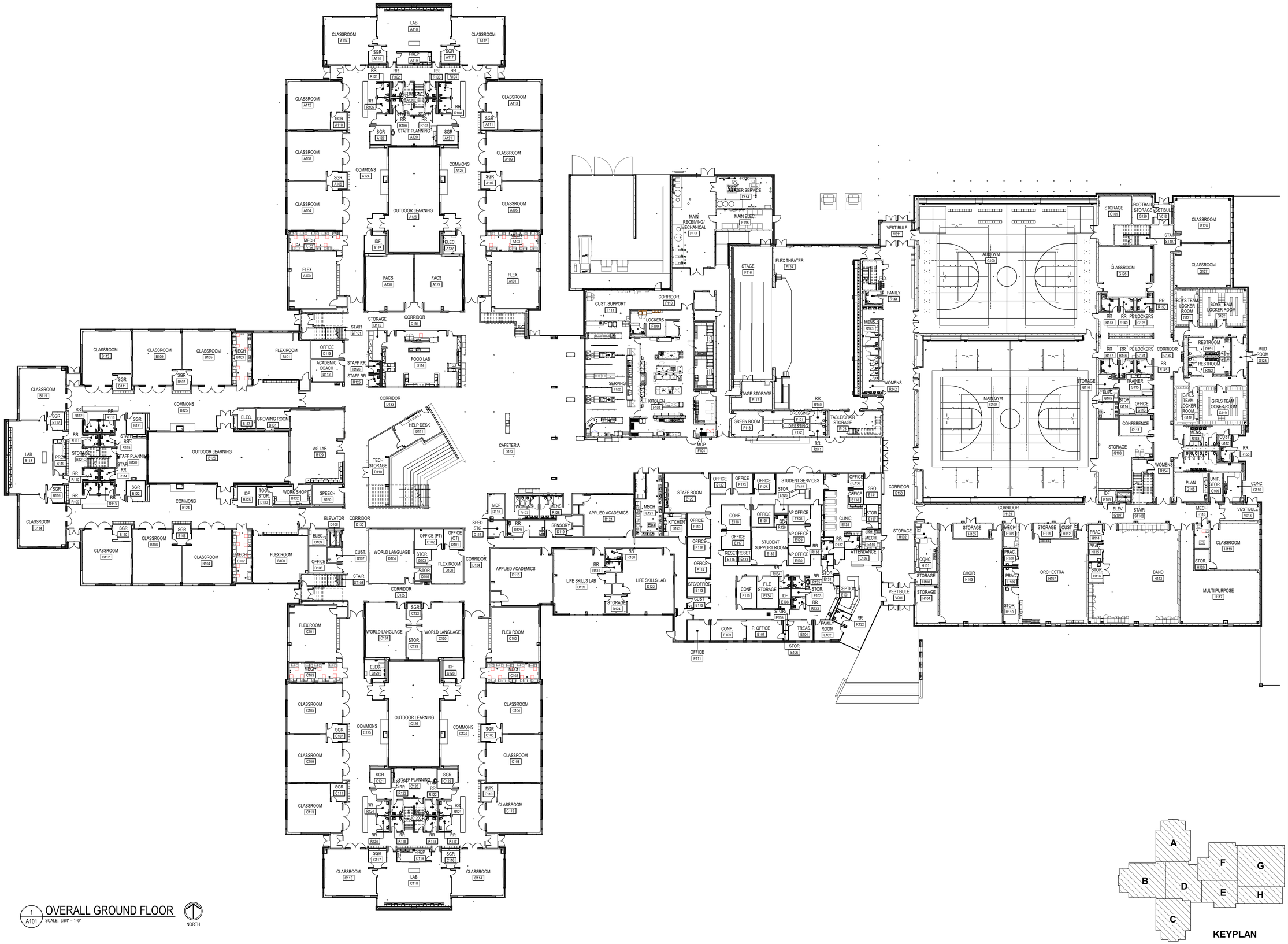
CERTIFIED BY:
MARK D. LAVELLE
PE19400114
STATE OF INDIANA
REGISTERED PROFESSIONAL ENGINEER

DRAWING NUMBER
S721

PROJECT NUMBER
2023061



1 A101 OVERALL GROUND FLOOR
SCALE: 3/64" = 1'-0"

NORTH

KEYPLAN

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
OVERALL GROUND FLOOR PLAN

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A101

PROJECT NUMBER
2023061

1 A102 OVERALL SECOND FLOOR
SCALE: 3/64" = 1'-0"

NORTH

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OVERALL SECOND FLOOR PLAN

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A102

PROJECT NUMBER
2023061

BUILDING CODE ANALYSIS

OCCUPANCY TYPE **E** TYPE OF CONSTRUCTION **II-B, TWO STORY**

SPRINKLER SYSTEM
APPROVED AUTOMATIC FIRE SUPPRESSION SYSTEM INSTALLED THROUGHOUT BUILDING.

UNLIMITED BUILDING AREA
BUILDING IS UNLIMITED IN AREA PER IBC 507.4 WITH INDIANA AMMENDMENTS.

SQUARE FOOTAGES

NEW CONSTRUCTION: **315,223 GSF**

EGRESS

NUMBER OF EXITS: NEW ROOMS ARE REQUIRED TWO MEANS OF EGRESS WHEN:

AREA	OCCUPANTS	LOAD FACTOR	COMMON PATH OF TRAVEL
CLASSROOMS	>1,000 SF	>50	20 SF/PERSON	>75 FEET
BUSINESS	>5,000 SF	>50	100 SF/PERSON	>100 FEET
ASSEMBLY	>350 OR 750 SF	>50	7 OR 15 SF/PERSON	>75 FEET

EGRESS CAPACITY: 0.15 INCHES PER PERSON AT DOORS

TRAVEL DISTANCE: TABLE 1016.2, IBC LIMITS THE MAXIMUM TRAVEL DISTANCE IN A SPRINKLED BUILDING.
E OCCUPANCY 250 FEET

DOOR SWING: DOORS SERVING AN AREA CONTAINING AN OCCUPANT LOAD OF 50 OR MORE PERSONS SHALL SWING IN THE DIRECTION OF EGRESS TRAVEL (SECTION 1008.1.2. IBC).

FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS
(RATINGS IN HOURS FOR TYPE II)

BUILDING ELEMENT:	MINIMUM FIRE RESISTANCE:
BEAMS	0 (TABLE 601)
COLUMNS	0 (TABLE 601)
EXTERIOR BEAMING WALLS	0 (TABLE 601)
EXTERIOR NON-BEARING WALLS	X < 30 = 0; 10 ≤ X = 0 (TABLE 601 & 602)
INTERIOR BEARING WALLS (PARTITIONS)	0 (TABLE 601 AND SEC 602.2)
FLOOR CONSTRUCTION	0 (TABLE 601)
ROOF CONSTRUCTION	0 (TABLE 601)
CORRIDORS	0 (TABLE 1018.1)
STAIRWAYS	UNENCLOSED STAIRWAYS SHALL BE PERMITTED (SEC 1020.1, EXCEPTION 9)

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BUILDING CODE LEGEND

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- FEC — FIRE EXTINGUISHER CABINET
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- AED — AUTOMATED EXTERNAL DEFIBRILLATOR CABINET

LIFE SAFETY LEGEND

EGRESS LEGEND
- ROOM NAME / XXXX — ROOM NAME, ROOM NUMBER
- 842 SF — ROOM SIZE (S.F.)
- 20 — EGRESS REQUIRMENT PER IBC TABLE 1004.1.2
- 43 — CODE OCCUPANT LOAD / CAPACITY
- 2 — ACCESSORY OCCUPANT LOAD / CAPACITY
- (2) — ACCESSORY SPACE OCCUPANT LOAD / CAPACITY

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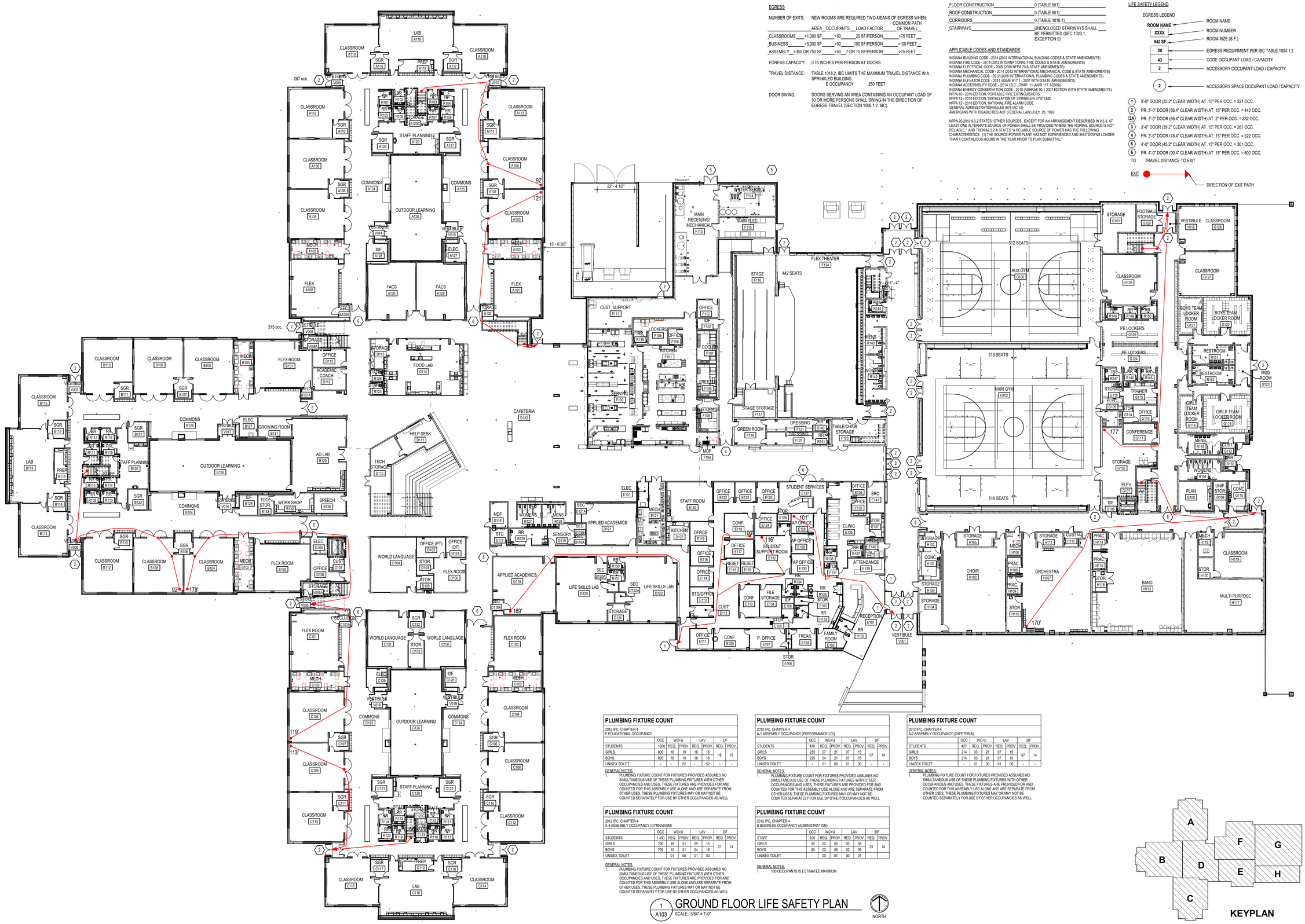
2A. PR. 3'-0" DOOR (66.4" CLEAR WIDTH) AT .2" PER OCC. = 332 OCC.
3. 3'-6" DOOR (39.2" CLEAR WIDTH) AT .15" PER OCC. = 261 OCC.
4. PR. 3'-6" DOOR (78.4" CLEAR WIDTH) AT .15" PER OCC. = 522 OCC.
5. 4'-0" DOOR (45.2" CLEAR WIDTH) AT .15" PER OCC. = 301 OCC.
6. PR. 4'-0" DOOR (90.4" CLEAR WIDTH) AT .15" PER OCC. = 602 OCC.

TD TRAVEL DISTANCE TO EXIT

EXIT — DIRECTION OF EXIT PATH



PLUMBING FIXTURE COUNT

2012 IPC, CHAPTER 4
E EDUCATIONAL OCCUPANCY

	OCC	WC+U		LAV		DF	
		REQ.	PROV.	REQ.	PROV.	REQ.	PROV.
STUDENTS	1600						
GIRLS	800	16	19	16	16	16	16
BOYS	800	16	19	16	16		
UNISEX TOILET	-	-	52	-	52	-	-

GENERAL NOTES:
1. PLUMBING FIXTURE COUNT FOR FIXTURES PROVIDED ASSUMES NO SIMULTANEOUS USE OF THESE PLUMBING FIXTURES WITH OTHER OCCUPANCIES AND USES. THESE FIXTURES ARE PROVIDED FOR AND COUNTED FOR THIS ASSEMBLY USE ALONE AND ARE SEPARATE FROM OTHER USES. THESE PLUMBING FIXTURES MAY OR MAY NOT BE COUNTED SEPARATELY FOR USE BY OTHER OCCUPANCIES AS WELL

PLUMBING FIXTURE COUNT

2012 IPC, CHAPTER 4
A-1 ASSEMBLY OCCUPANCY (PERFORMANCE LG)

	OCC	WC+U		LAV		DF	
		REQ.	PROV.	REQ.	PROV.	REQ.	PROV.
STUDENTS	470						
GIRLS	235	07	21	07	15	07	14
BOYS	235	04	21	07	15		
UNISEX TOILET	-	01	00	01	00	-	-

GENERAL NOTES:
1. PLUMBING FIXTURE COUNT FOR FIXTURES PROVIDED ASSUMES NO SIMULTANEOUS USE OF THESE PLUMBING FIXTURES WITH OTHER OCCUPANCIES AND USES. THESE FIXTURES ARE PROVIDED FOR AND COUNTED FOR THIS ASSEMBLY USE ALONE AND ARE SEPARATE FROM OTHER USES. THESE PLUMBING FIXTURES MAY OR MAY NOT BE COUNTED SEPARATELY FOR USE BY OTHER OCCUPANCIES AS WELL

PLUMBING FIXTURE COUNT

2012 IPC, CHAPTER 4
A-2 ASSEMBLY OCCUPANCY (CAFETERIA)

	OCC	WC+U		LAV		DF	
		REQ.	PROV.	REQ.	PROV.	REQ.	PROV.
STUDENTS	427						
GIRLS	214	03	21	07	15	07	14
BOYS	214	03	21	07	15		
UNISEX TOILET	-	01	00	01	00	-	-

GENERAL NOTES:
1. PLUMBING FIXTURE COUNT FOR FIXTURES PROVIDED ASSUMES NO SIMULTANEOUS USE OF THESE PLUMBING FIXTURES WITH OTHER OCCUPANCIES AND USES. THESE FIXTURES ARE PROVIDED FOR AND COUNTED FOR THIS ASSEMBLY USE ALONE AND ARE SEPARATE FROM OTHER USES. THESE PLUMBING FIXTURES MAY OR MAY NOT BE COUNTED SEPARATELY FOR USE BY OTHER OCCUPANCIES AS WELL

PLUMBING FIXTURE COUNT

2012 IPC, CHAPTER 4
A-4 ASSEMBLY OCCUPANCY (GYMNASIUM)

	OCC	WC+U		LAV		DF	
		REQ.	PROV.	REQ.	PROV.	REQ.	PROV.
STUDENTS	1,400						
GIRLS	700	18	21	05	15	01	14
BOYS	700	10	21	04	15		
UNISEX TOILET	-	01	05	01	00	-	-

GENERAL NOTES:
1. PLUMBING FIXTURE COUNT FOR FIXTURES PROVIDED ASSUMES NO SIMULTANEOUS USE OF THESE PLUMBING FIXTURES WITH OTHER OCCUPANCIES AND USES. THESE FIXTURES ARE PROVIDED FOR AND COUNTED FOR THIS ASSEMBLY USE ALONE AND ARE SEPARATE FROM OTHER USES. THESE PLUMBING FIXTURES MAY OR MAY NOT BE COUNTED SEPARATELY FOR USE BY OTHER OCCUPANCIES AS WELL

PLUMBING FIXTURE COUNT

2012 IPC, CHAPTER 4
B BUSINESS OCCUPANCY (ADMINISTRATION)

	OCC	WC+U		LAV		DF	
		REQ.	PROV.	REQ.	PROV.	REQ.	PROV.
STAFF	100	REQ.	PROV.	REQ.	PROV.	REQ.	PROV.
GIRLS	50	02	05	02	05		
BOYS	50	02	05	02	05	01	14
UNISEX TOILET	-	00	01	00	01	-	-

GENERAL NOTES:
1. 100 OCCUPANTS IS ESTIMATED MAXIMUM

1 / A103 GROUND FLOOR LIFE SAFETY PLAN
SCALE: 3/64" = 1'-0"

NORTH

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PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
GROUND FLOOR LIFE SAFETY PLAN

CERTIFIED BY:
BRENTON C. NIX
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A103

PROJECT NUMBER
2023061

BUILDING CODE ANALYSIS

OCCUPANCY TYPE **E** TYPE OF CONSTRUCTION **II-B, TWO STORY**

SPRINKLER SYSTEM
APPROVED AUTOMATIC FIRE SUPPRESSION SYSTEM INSTALLED THROUGHOUT BUILDING.

UNLIMITED BUILDING AREA
BUILDING IS UNLIMITED IN AREA PER IBC 507.4 WITH INDIANA AMMENDMENTS.

SQUARE FOOTAGES

NEW CONSTRUCTION: **315,223 GSF**

EGRESS

NUMBER OF EXITS: NEW ROOMS ARE REQUIRED TWO MEANS OF EGRESS WHEN:

	AREA	OCCUPANTS	LOAD FACTOR	COMMON PATH OF TRAVEL
CLASSROOMS	>1,000 SF	>50	20 SF/PERSON	>75 FEET
BUSINESS	>5,000 SF	>50	100 SF/PERSON	>100 FEET
ASSEMBLY	>350 OR 750 SF	>50	7 OR 15 SF/PERSON	>75 FEET

EGRESS CAPACITY: 0.15 INCHES PER PERSON AT DOORS

TRAVEL DISTANCE: TABLE 1016.2, IBC LIMITS THE MAXIMUM TRAVEL DISTANCE IN A SPRINKLED BUILDING,
E OCCUPANCY 250 FEET

DOOR SWING: DOORS SERVING AN AREA CONTAINING AN OCCUPANT LOAD OF 50 OR MORE PERSONS SHALL SWING IN THE DIRECTION OF EGRESS TRAVEL (SECTION 1008.1.2. IBC).

FIRST FLOOR EGRESS ANALYSIS

SPACE	CODE O.L
CLASSROOMS	1818
SMALL GROUP ROOMS	159
TEACHER WORK SPACE	120
STORAGE, MECHANICAL, ELECTICAL, ETC	66
STEM/SCIECE LAB	178
ADMINISTRATION	187
GYMNASIUM	2798
PERFORMANCE LG!	912
TOTAL OCCUPANTS	6238

NOTE: FUNCTIONAL ICCUPANCY IS LOWER THAN CODE REQUIRED OCCUPANCY. OCCUPANTS WILL NOT OCCUPY MULTIPLE SPACES SIMULTANEOUSLY, THEY WILL EITHER BE IN CLASSROOMS OR OTHER SPACES, NOT BOTH. FUNCTIONAL OCCUPANCY ASSUMES 30 STUDENT MAXIMUM CLASS SIZE PER MONORE COUNTY COMMUNITY SCHOOL DISTRICT.

TOTAL DOOR WIDTH REQUIRED: - INCHES
STANDARD DOOR = - X 0.15 = - INCHES

TOTAL DOOR WIDTH PROVIDED - INCHES
(AT FIRST FLOOR EXIT LEVEL)

TOTAL STAIR WIDTH REQUIRED - INCHES
STANDARD STAIR = - X 0.20 = 165.8 INCHES

TOTAL STAIR WIDTH PROVIDED - INCHES

FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS
(RATINGS IN HOURS FOR TYPE II)

BUILDING ELEMENT:	MINIMUM FIRE RESISTANCE:
BEAMS	0 (TABLE 601)
COLUMNS	0 (TABLE 601)
EXTERIOR BEAMING WALLS	0 (TABLE 601)
EXTERIOR NON-BEARING WALLS	X < 30 = 0; 10 ≤ X = 0 (TABLE 601 & 602)
INTERIOR BEARING WALLS (PARTITIONS)	0 (TABLE 601 AND SEC 602.2)
FLOOR CONSTRUCTION	0 (TABLE 601)
ROOF CONSTRUCTION	0 (TABLE 601)
CORRIDORS	0 (TABLE 1018.1)
STAIRWAYS	UNENCLOSED STAIRWAYS SHALL BE PERMITTED (SEC 1020.1, EXCEPTION 9)

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TD TRAVEL DISTANCE TO EXIT
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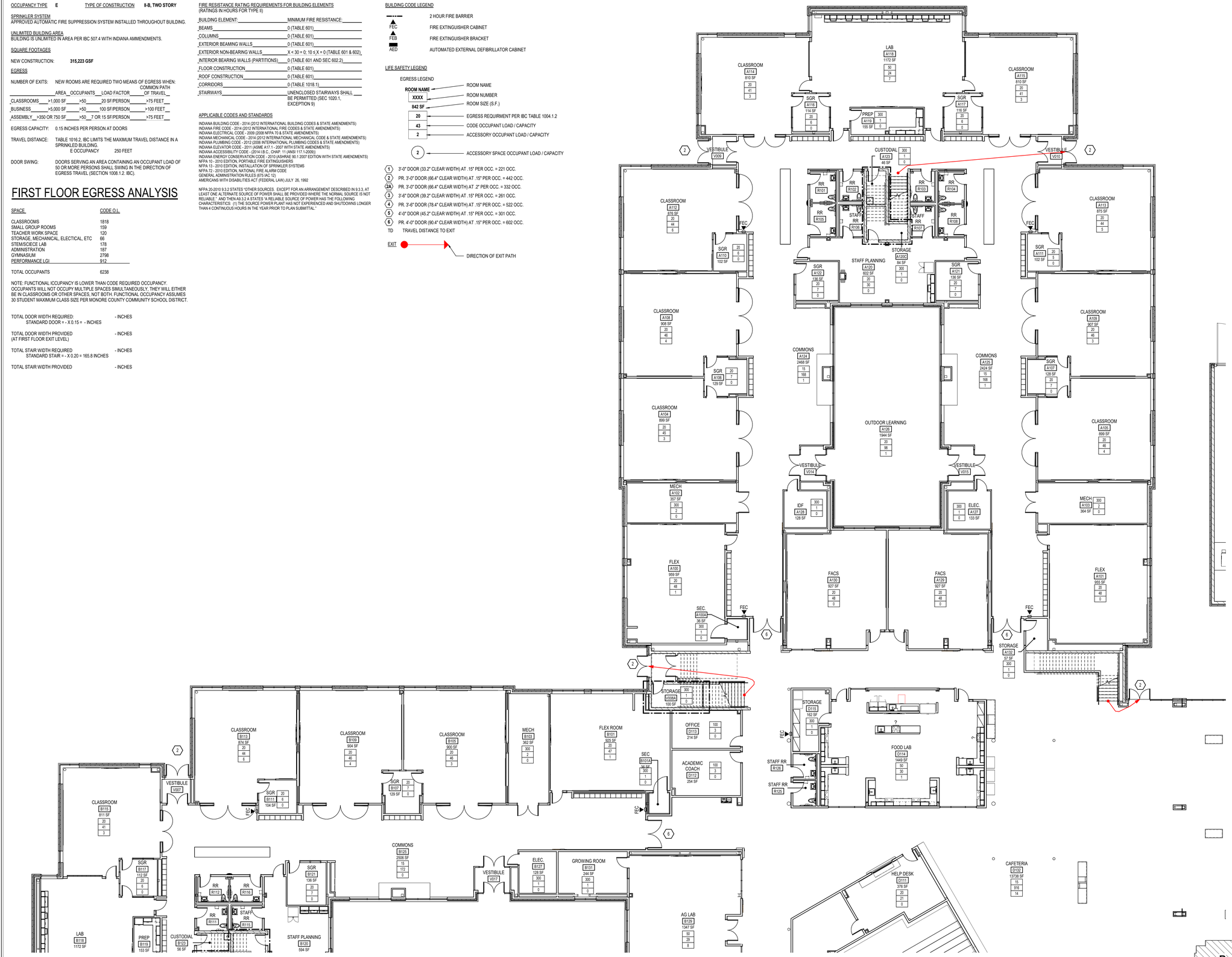

1 A104 ENLARGED GROUND FLOOR LIFE SAFETY PLAN
SCALE: 3/32" = 1'-0"
NORTH

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ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
ENLARGED GROUND FLOOR LIFE SAFETY PLAN

CERTIFIED BY:
BRENDON C. HOE REGISTERED No. AR11700184 STATE OF INDIANA ARCHITECT

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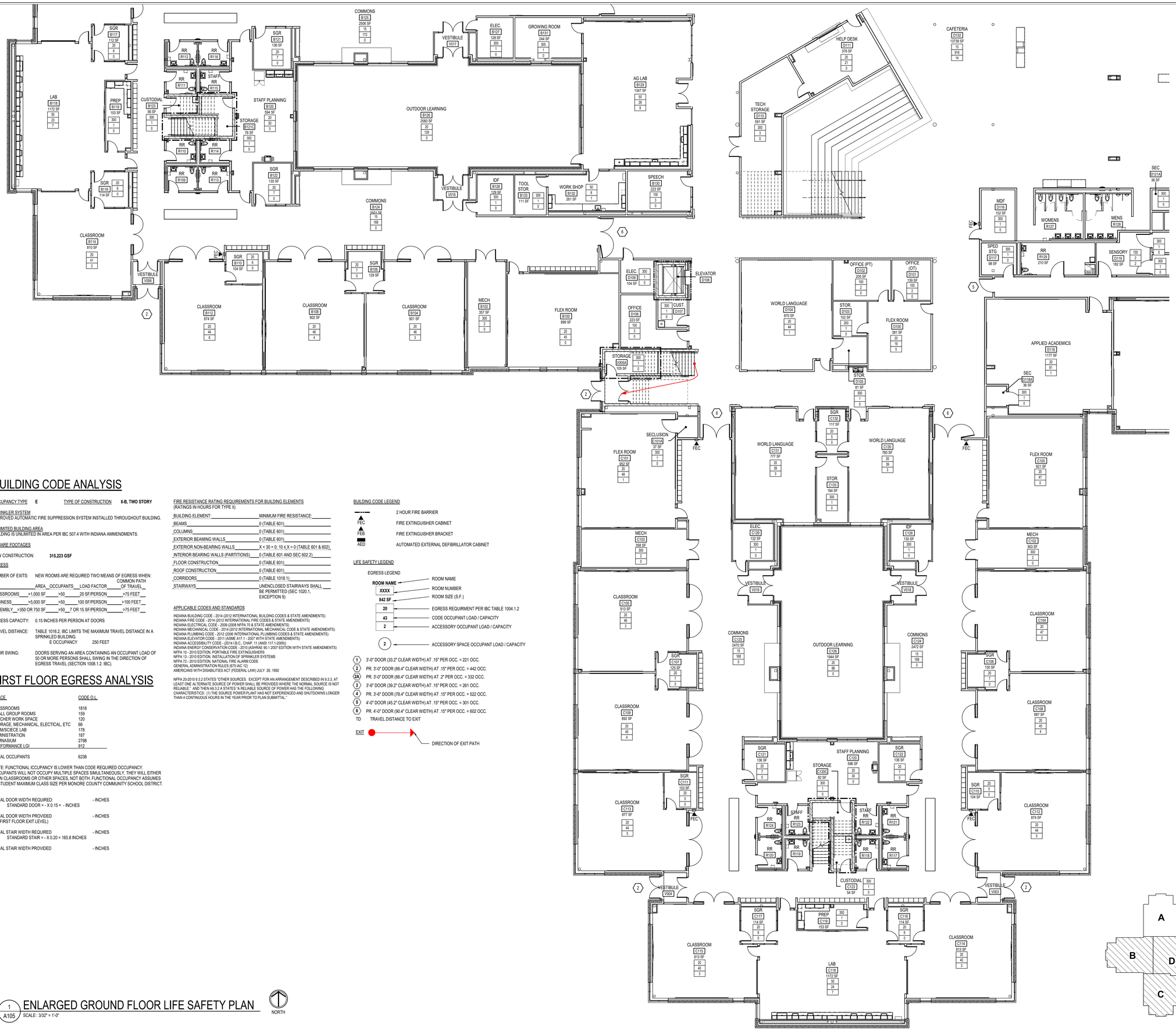

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- FEC — FIRE EXTINGUISHER CABINET
- FEB — FIRE EXTINGUISHER BRACKET
- AED — AUTOMATED EXTERNAL DEFIBRILLATOR CABINET

LIFE SAFETY LEGEND

EGRESS LEGEND

ROOM NAME — ROOM NAME
XXXX — ROOM NUMBER
842 SF — ROOM SIZE (S.F.)
20 — EGRESS REQUIRMENT PER IBC TABLE 1004.1.2
43 — CODE OCCUPANT LOAD / CAPACITY
2 — ACCESSORY OCCUPANT LOAD / CAPACITY
(2) — ACCESSORY SPACE OCCUPANT LOAD / CAPACITY

(1) 3'-0" DOOR (33.2" CLEAR WIDTH) AT .15" PER OCC. = 221 OCC.
(2) PR. 3'-0" DOOR (66.4" CLEAR WIDTH) AT .15" PER OCC. = 442 OCC.
(2A) PR. 3'-0" DOOR (66.4" CLEAR WIDTH) AT .2" PER OCC. = 332 OCC.
(3) 3'-6" DOOR (39.2" CLEAR WIDTH) AT .15" PER OCC. = 261 OCC.
(4) PR. 3'-6" DOOR (78.4" CLEAR WIDTH) AT .15" PER OCC. = 522 OCC.
(5) 4'-0" DOOR (45.2" CLEAR WIDTH) AT .15" PER OCC. = 301 OCC.
(6) PR. 4'-0" DOOR (90.4" CLEAR WIDTH) AT .15" PER OCC. = 602 OCC.

TD TRAVEL DISTANCE TO EXIT

EXIT — DIRECTION OF EXIT PATH

1 / A105 ENLARGED GROUND FLOOR LIFE SAFETY PLAN
SCALE: 3/32" = 1'-0"

NORTH

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project. In some instances, existing conditions, as found in the field in the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The contractor shall provide all labor and materials to describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
ENLARGED GROUND FLOOR LIFE SAFETY PLAN

CERTIFIED BY:
BRENTON C. HITE REGISTERED No. AR11700184 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
A105

PROJECT NUMBER
2023061

BUILDING CODE ANALYSIS

OCCUPANCY TYPE **E** TYPE OF CONSTRUCTION **II-B, TWO STORY**

SPRINKLER SYSTEM
APPROVED AUTOMATIC FIRE SUPPRESSION SYSTEM INSTALLED THROUGHOUT BUILDING.

UNLIMITED BUILDING AREA
BUILDING IS UNLIMITED IN AREA PER IBC 507.4 WITH INDIANA AMMENDMENTS.

SQUARE FOOTAGES

NEW CONSTRUCTION: **327,522 GSF**

EGRESS

NUMBER OF EXITS: NEW ROOMS ARE REQUIRED TWO MEANS OF EGRESS WHEN: COMMON PATH OF TRAVEL

	AREA	OCCUPANTS	LOAD FACTOR
CLASSROOMS	>1,000 SF	>50	20 SF/PERSON >75 FEET
BUSINESS	>5,000 SF	>50	100 SF/PERSON >100 FEET
ASSEMBLY	>350 OR 750 SF	>50	7 OR 15 SF/PERSON >75 FEET

EGRESS CAPACITY: 0.15 INCHES PER PERSON AT DOORS

TRAVEL DISTANCE: TABLE 1016.2, IBC LIMITS THE MAXIMUM TRAVEL DISTANCE IN A SPRINKLED BUILDING.
E OCCUPANCY 250 FEET

DOOR SWING: DOORS SERVING AN AREA CONTAINING AN OCCUPANT LOAD OF 50 OR MORE PERSONS SHALL SWING IN THE DIRECTION OF EGRESS TRAVEL (SECTION 1008.1.2. IBC).

FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS
(RATINGS IN HOURS FOR TYPE II)

BUILDING ELEMENT:	MINIMUM FIRE RESISTANCE:
BEAMS	0 (TABLE 601)
COLUMNS	0 (TABLE 601)
EXTERIOR BEAMING WALLS	0 (TABLE 601)
EXTERIOR NON-BEARING WALLS	X < 30 = 0; 10 ≤ X = 0 (TABLE 601 & 602)
INTERIOR BEARING WALLS (PARTITIONS)	0 (TABLE 601 AND SEC 602.2)
FLOOR CONSTRUCTION	0 (TABLE 601)
ROOF CONSTRUCTION	0 (TABLE 601)
CORRIDORS	0 (TABLE 1018.1)
STAIRWAYS	UNENCLOSED STAIRWAYS SHALL BE PERMITTED (SEC 1020.1, EXCEPTION 9)

APPLICABLE CODES AND STANDARDS

INDIANA BUILDING CODE - 2014 (2012 INTERNATIONAL BUILDING CODES & STATE AMENDMENTS)
INDIANA FIRE CODE - 2014 (2012 INTERNATIONAL FIRE CODES & STATE AMENDMENTS)
INDIANA ELECTRICAL CODE - 2009 (2008 NFPA 70 & STATE AMENDMENTS)
INDIANA MECHANICAL CODE - 2014 (2012 INTERNATIONAL MECHANICAL CODE & STATE AMENDMENTS)
INDIANA PLUMBING CODE - 2012 (2006 INTERNATIONAL PLUMBING CODES & STATE AMENDMENTS)
INDIANA ELEVATOR CODE - 2011 (ASME A17.1 - 2007 WITH STATE AMENDMENTS)
INDIANA ACCESSIBILITY CODE - (2014 I.B.C., CHAP. 11 (ANSI 117.1-2009))
INDIANA ENERGY CONSERVATION CODE - 2010 (ASHRAE 90.1 2007 EDITION WITH STATE AMENDMENTS)
NFPA 10 - 2010 EDITION, PORTABLE FIRE EXTINGUISHERS
NFPA 13 - 2010 EDITION, INSTALLATION OF SPRINKLER SYSTEMS
NFPA 72 - 2010 EDITION, NATIONAL FIRE ALARM CODE
GENERAL ADMINISTRATION RULES (675 IAC 12)
AMERICANS WITH DISABILITIES ACT (FEDERAL LAW) JULY 26, 1992

BUILDING CODE LEGEND

FEC — FIRE EXTINGUISHER CABINET
FEB — FIRE EXTINGUISHER BRACKET
AED — AUTOMATED EXTERNAL DEFIBRILLATOR CABINET

LIFE SAFETY LEGEND

EGRESS LEGEND

ROOM NAME — ROOM NAME
XXXX — ROOM NUMBER
842 SF — ROOM SIZE (S.F.)
20 — EGRESS REQUIRMENT PER IBC TABLE 1004.1.2
43 — CODE OCCUPANT LOAD / CAPACITY
2 — ACCESSORY OCCUPANT LOAD / CAPACITY
(2) — ACCESSORY SPACE OCCUPANT LOAD / CAPACITY

1. 3'-0" DOOR (33.2" CLEAR WIDTH) AT .15" PER OCC. = 221 OCC.
2. PR. 3'-0" DOOR (66.4" CLEAR WIDTH) AT .15" PER OCC. = 442 OCC.
3. 3'-6" DOOR (39.2" CLEAR WIDTH) AT .15" PER OCC. = 261 OCC.
4. PR. 3'-6" DOOR (78.4" CLEAR WIDTH) AT .15" PER OCC. = 522 OCC.
5. 4'-0" DOOR (45.2" CLEAR WIDTH) AT .15" PER OCC. = 301 OCC.
6. PR. 4'-0" DOOR (90.4" CLEAR WIDTH) AT .15" PER OCC. = 602 OCC.

TD TRAVEL DISTANCE TO EXIT

EXIT — DIRECTION OF EXIT PATH

FIRST FLOOR EGRESS ANALYSIS

SPACE	CODE O.L.
CLASSROOMS	1818
SMALL GROUP ROOMS	159
TEACHER WORK SPACE	120
STORAGE, MECHANICAL, ELECTICAL, ETC	66
STEM/SCIECE LAB	178
ADMINISTRATION	187
GYMNASIUM	2798
PERFORMANCE LGI	912
TOTAL OCCUPANTS	6238

NOTE: FUNCTIONAL ICOUPANCY IS LOWER THAN CODE REQUIRED OCCUPANCY. OCCUPANTS WILL NOT OCCUPY MULTIPLE SPACES SIMULTANEOUSLY, THEY WILL EITHER BE IN CLASSROOMS OR OTHER SPACES, NOT BOTH. FUNCTIONAL OCCUPANCY ASSUMES 30 STUDENT MAXIMUM CLASS SIZE PER MONROE COUNTY COMMUNITY SCHOOL DISTRICT.

TOTAL DOOR WIDTH REQUIRED: - INCHES
STANDARD DOOR = - X 0.15 = - INCHES

TOTAL DOOR WIDTH PROVIDED - INCHES
(AT FIRST FLOOR EXIT LEVEL)

TOTAL STAIR WIDTH REQUIRED - INCHES
STANDARD STAIR = - X 0.20 = 165.8 INCHES

TOTAL STAIR WIDTH PROVIDED - INCHES

1 A106 ENLARGED GROUND FLOOR LIFE SAFETY PLAN
SCALE: 3/32" = 1'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of construction and materials required for the work.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the Contractor shall provide all labor and materials required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

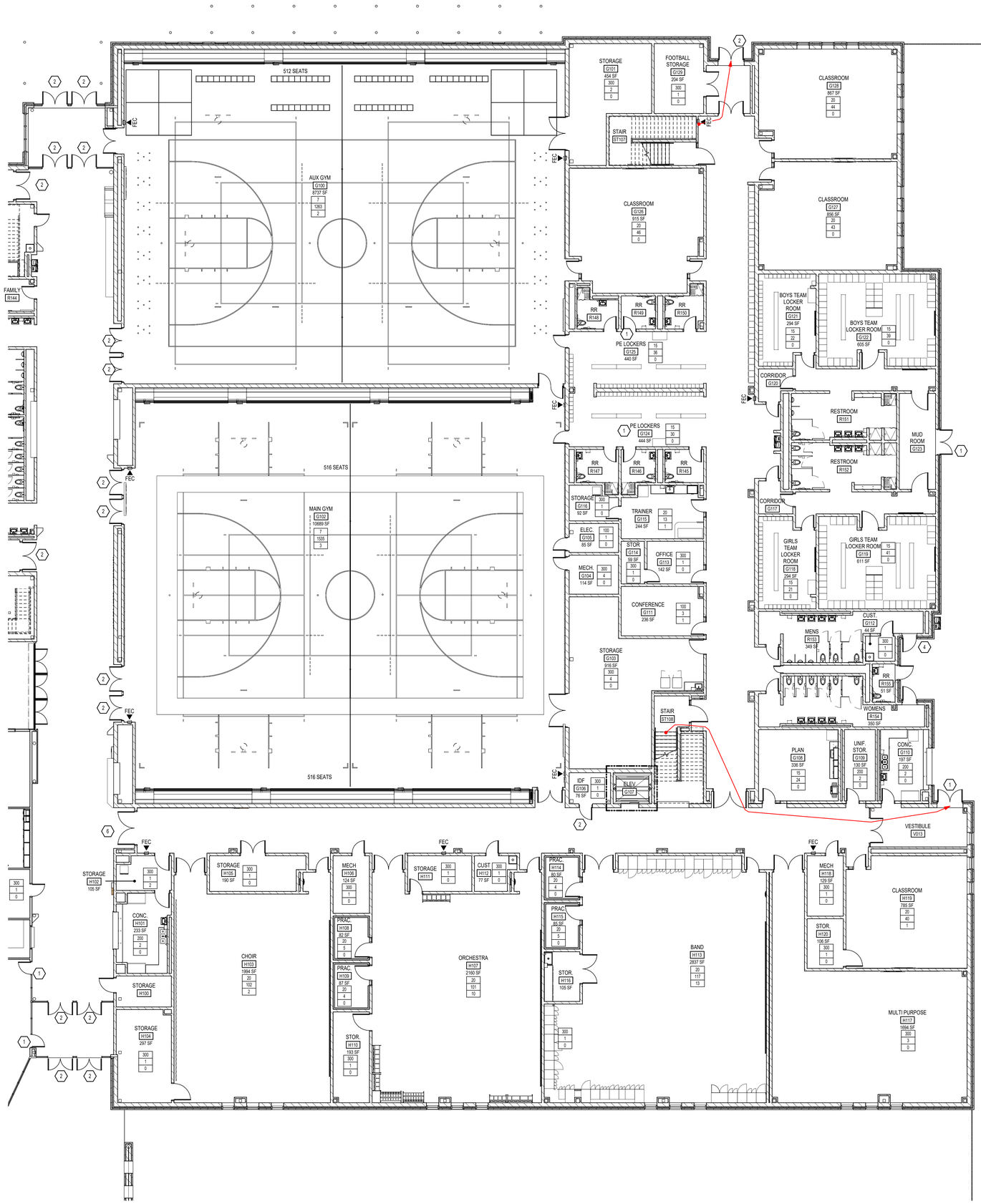
DRAWING TITLE:
ENLARGED GROUND FLOOR LIFE SAFETY PLAN

CERTIFIED BY:
BRENTON C. HITE REGISTERED No. AR.11700184 STATE OF INDIANA ARCHITECT

KEYPLAN

DRAWING NUMBER
A106

PROJECT NUMBER
2023061



1 A107 ENLARGED GROUND FLOOR LIFE SAFETY PLAN
SCALE: 3/32" = 1'-0"

BUILDING CODE ANALYSIS

OCCUPANCY TYPE **E** TYPE OF CONSTRUCTION **II-B, TWO STORY**

SPRINKLER SYSTEM
APPROVED AUTOMATIC FIRE SUPPRESSION SYSTEM INSTALLED THROUGHOUT BUILDING.

UNLIMITED BUILDING AREA
BUILDING IS UNLIMITED IN AREA PER IBC 507.4 WITH INDIANA AMMENDMENTS.

SQUARE FOOTAGES

NEW CONSTRUCTION: **327,522 GSF**

EGRESS

NUMBER OF EXITS:	NEW ROOMS ARE REQUIRED TWO MEANS OF EGRESS WHEN:			COMMON PATH OF TRAVEL
	AREA	OCCUPANTS	LOAD FACTOR	
CLASSROOMS	>1,000 SF	>50	20 SF/PERSON	>75 FEET
BUSINESS	>5,000 SF	>50	100 SF/PERSON	>100 FEET
ASSEMBLY	>350 OR 750 SF	>50	7 OR 15 SF/PERSON	>75 FEET

EGRESS CAPACITY: 0.15 INCHES PER PERSON AT DOORS

TRAVEL DISTANCE: TABLE 1016.2, IBC LIMITS THE MAXIMUM TRAVEL DISTANCE IN A SPRINKLED BUILDING.
E OCCUPANCY 250 FEET

DOOR SWING: DOORS SERVING AN AREA CONTAINING AN OCCUPANT LOAD OF 50 OR MORE PERSONS SHALL SWING IN THE DIRECTION OF EGRESS TRAVEL (SECTION 1008.1.2. IBC).

FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS
(RATINGS IN HOURS FOR TYPE II)

BUILDING ELEMENT:	MINIMUM FIRE RESISTANCE:
BEAMS	0 (TABLE 601)
COLUMNS	0 (TABLE 601)
EXTERIOR BEAMING WALLS	0 (TABLE 601)
EXTERIOR NON-BEARING WALLS	X < 30 = 0; 10 ≤ X = 0 (TABLE 601 & 602)
INTERIOR BEARING WALLS (PARTITIONS)	0 (TABLE 601 AND SEC 602.2)
FLOOR CONSTRUCTION	0 (TABLE 601)
ROOF CONSTRUCTION	0 (TABLE 601)
CORRIDORS	0 (TABLE 1018.1)
STAIRWAYS	UNENCLOSED STAIRWAYS SHALL BE PERMITTED (SEC 1020.1, EXCEPTION 9)

APPLICABLE CODES AND STANDARDS

INDIANA BUILDING CODE - 2014 (2012 INTERNATIONAL BUILDING CODES & STATE AMENDMENTS)
INDIANA FIRE CODE - 2014 (2012 INTERNATIONAL FIRE CODES & STATE AMENDMENTS)
INDIANA ELECTRICAL CODE - 2009 (2008 NFPA 70 & STATE AMENDMENTS)
INDIANA MECHANICAL CODE - 2014 (2012 INTERNATIONAL MECHANICAL CODE & STATE AMENDMENTS)
INDIANA PLUMBING CODE - 2012 (2006 INTERNATIONAL PLUMBING CODES & STATE AMENDMENTS)
INDIANA ELEVATOR CODE - 2011 (ASME A17.1 - 2007 WITH STATE AMENDMENTS)
INDIANA ACCESSIBILITY CODE - 20114 (I.B.C., CHAP. 11 (ANSI 117.1-2009))
INDIANA ENERGY CONSERVATION CODE - 2010 (ASHRAE 90.1 2007 EDITION WITH STATE AMENDMENTS)
NFPA 10 - 2010 EDITION, PORTABLE FIRE EXTINGUISHERS
NFPA 13 - 2010 EDITION, INSTALLATION OF SPRINKLER SYSTEMS
NFPA 72 - 2010 EDITION, NATIONAL FIRE ALARM CODE
GENERAL ADMINISTRATION RULES (675 IAC 12)
AMERICANS WITH DISABILITIES ACT (FEDERAL LAW) JULY 26, 1992

BUILDING CODE LEGEND

FEC — FIRE EXTINGUISHER CABINET
FEB — FIRE EXTINGUISHER BRACKET
AED — AUTOMATED EXTERNAL DEFIBRILLATOR CABINET

LIFE SAFETY LEGEND

EGRESS LEGEND

ROOM NAME — ROOM NAME
XXXX — ROOM NUMBER
842 SF — ROOM SIZE (S.F.)
20 — EGRESS REQUIRMENT PER IBC TABLE 1004.1.2
43 — CODE OCCUPANT LOAD / CAPACITY
2 — ACCESSORY OCCUPANT LOAD / CAPACITY
(2) — ACCESSORY SPACE OCCUPANT LOAD / CAPACITY

1. 3'-0" DOOR (33.2" CLEAR WIDTH) AT .15" PER OCC. = 221 OCC.
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3. 3'-6" DOOR (39.2" CLEAR WIDTH) AT .15" PER OCC. = 261 OCC.
4. PR. 3'-6" DOOR (78.4" CLEAR WIDTH) AT .15" PER OCC. = 522 OCC.
5. 4'-0" DOOR (45.2" CLEAR WIDTH) AT .15" PER OCC. = 301 OCC.
6. PR. 4'-0" DOOR (90.4" CLEAR WIDTH) AT .15" PER OCC. = 602 OCC.

TD TRAVEL DISTANCE TO EXIT

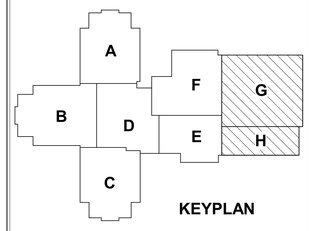
EXIT — DIRECTION OF EXIT PATH

FIRST FLOOR EGRESS ANALYSIS

SPACE	CODE O.L.
CLASSROOMS	1818
SMALL GROUP ROOMS	159
TEACHER WORK SPACE	120
STORAGE, MECHANICAL, ELECTICAL, ETC	66
STEM/SCIECE LAB	178
ADMINISTRATION	187
GYMNASIUM	2798
PERFORMANCE LG	912
TOTAL OCCUPANTS	6238

NOTE: FUNCTIONAL ICCUPANCY IS LOWER THAN CODE REQUIRED OCCUPANCY. OCCUPANTS WILL NOT OCCUPY MULTIPLE SPACES SIMULTANEOUSLY, THEY WILL EITHER BE IN CLASSROOMS OR OTHER SPACES, NOT BOTH. FUNCTIONAL OCCUPANCY ASSUMES 30 STUDENT MAXIMUM CLASS SIZE PER MONROE COUNTY COMMUNITY SCHOOL DISTRICT.

TOTAL DOOR WIDTH REQUIRED: STANDARD DOOR = - X 0.15 = - INCHES	- INCHES
TOTAL DOOR WIDTH PROVIDED (AT FIRST FLOOR EXIT LEVEL)	- INCHES
TOTAL STAIR WIDTH REQUIRED STANDARD STAIR = - X 0.20 = 165.8 INCHES	- INCHES
TOTAL STAIR WIDTH PROVIDED	- INCHES



KEYPLAN

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. The drawings are not intended to show or describe all work required for full performance and completion of the requirements of the Contract.
The Bidder shall include all general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
ENLARGED GROUND FLOOR LIFE SAFETY PLAN

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A107

PROJECT NUMBER
2023061

BUILDING CODE ANALYSIS

OCCUPANCY TYPE **E** TYPE OF CONSTRUCTION **II-B, TWO STORY**

SPRINKLER SYSTEM
APPROVED AUTOMATIC FIRE SUPPRESSION SYSTEM INSTALLED THROUGHOUT BUILDING.

UNLIMITED BUILDING AREA
BUILDING IS UNLIMITED IN AREA PER IBC 507.4 WITH INDIANA AMMENDMENTS.

SQUARE FOOTAGES

NEW CONSTRUCTION: **315,223 GSF**

EGRESS

NUMBER OF EXITS: NEW ROOMS ARE REQUIRED TWO MEANS OF EGRESS WHEN:

	AREA	OCCUPANTS	LOAD FACTOR	COMMON PATH OF TRAVEL
CLASSROOMS	>1,000 SF	>50	20 SF/PERSON	>75 FEET
BUSINESS	>5,000 SF	>50	100 SF/PERSON	>100 FEET
ASSEMBLY	>350 OR 750 SF	>50	7 OR 15 SF/PERSON	>75 FEET

EGRESS CAPACITY: 0.15 INCHES PER PERSON AT DOORS

TRAVEL DISTANCE: TABLE 1016.2, IBC LIMITS THE MAXIMUM TRAVEL DISTANCE IN A SPRINKLED BUILDING.
E OCCUPANCY 250 FEET

DOOR SWING: DOORS SERVING AN AREA CONTAINING AN OCCUPANT LOAD OF 50 OR MORE PERSONS SHALL SWING IN THE DIRECTION OF EGRESS TRAVEL (SECTION 1008.1.2, IBC).

FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS
(RATINGS IN HOURS FOR TYPE II)

BUILDING ELEMENT:	MINIMUM FIRE RESISTANCE:
BEAMS	0 (TABLE 601)
COLUMNS	0 (TABLE 601)
EXTERIOR BEAMING WALLS	0 (TABLE 601)
EXTERIOR NON-BEARING WALLS	X < 30 = 0; 10 ≤ X = 0 (TABLE 601 & 602)
INTERIOR BEARING WALLS (PARTITIONS)	0 (TABLE 601 AND SEC 602.2)
FLOOR CONSTRUCTION	0 (TABLE 601)
ROOF CONSTRUCTION	0 (TABLE 601)
CORRIDORS	0 (TABLE 1018.1)
STAIRWAYS	UNENCLOSED STAIRWAYS SHALL BE PERMITTED (SEC 1020.1, EXCEPTION 9)

APPLICABLE CODES AND STANDARDS

INDIANA BUILDING CODE - 2014 (2012 INTERNATIONAL BUILDING CODES & STATE AMENDMENTS)
INDIANA FIRE CODE - 2014 (2012 INTERNATIONAL FIRE CODES & STATE AMENDMENTS)
INDIANA ELECTRICAL CODE - 2009 (2008 NFPA 70 & STATE AMENDMENTS)
INDIANA MECHANICAL CODE - 2014 (2012 INTERNATIONAL MECHANICAL CODE & STATE AMENDMENTS)
INDIANA PLUMBING CODE - 2012 (2006 INTERNATIONAL PLUMBING CODES & STATE AMENDMENTS)
INDIANA ELEVATOR CODE - 2011 (ASME A17.1 - 2007 WITH STATE AMENDMENTS)
INDIANA ACCESSIBILITY CODE - (2014 I.B.C., CHAP. 11 (ANSI 117.1-2009))
INDIANA ENERGY CONSERVATION CODE - 2010 (ASHRAE 90.1 2007 EDITION WITH STATE AMENDMENTS)
NFPA 10 - 2010 EDITION, PORTABLE FIRE EXTINGUISHERS
NFPA 13 - 2010 EDITION, INSTALLATION OF SPRINKLER SYSTEMS
NFPA 72 - 2010 EDITION, NATIONAL FIRE ALARM CODE
GENERAL ADMINISTRATION RULES (675 IAC 12)
AMERICANS WITH DISABILITIES ACT (FEDERAL LAW) JULY 26. 1992

NFPA 20-2010 9.3.2 STATES "OTHER SOURCES. EXCEPT FOR AN ARRANGEMENT DESCRIBED IN 9.3.3, AT LEAST ONE ALTERNATE SOURCE OF POWER SHALL BE PROVIDED WHERE THE NORMAL SOURCE IS NOT RELIABLE." AND THEN A9.3.2 A STATES "A RELIABLE SOURCE OF POWER HAS THE FOLLOWING CHARACTERISTICS: (1) THE SOURCE POWER PLANT HAS NOT EXPERIENCED AND SHUTDOWNS LONGER THAN 4 CONTINUOUS HOURS IN THE YEAR PRIOR TO PLAN SUBMITTAL."

BUILDING CODE LEGEND

- 2 HOUR FIRE BARRIER
- FEC — FIRE EXTINGUISHER CABINET
- FEB — FIRE EXTINGUISHER BRACKET
- AED — AUTOMATED EXTERNAL DEFIBRILLATOR CABINET

LIFE SAFETY LEGEND

EGRESS LEGEND

- ROOM NAME / XXXX / 842 SF — ROOM NAME, ROOM NUMBER, ROOM SIZE (S.F.)
- 20 — EGRESS REQUIRMENT PER IBC TABLE 1004.1.2
- 43 — CODE OCCUPANT LOAD / CAPACITY
- 2 — ACCESSORY OCCUPANT LOAD / CAPACITY
- (2) — ACCESSORY SPACE OCCUPANT LOAD / CAPACITY

(1) 3'-0" DOOR (33.2" CLEAR WIDTH) AT .15" PER OCC. = 221 OCC.
(2) PR. 3'-0" DOOR (66.4" CLEAR WIDTH) AT .15" PER OCC. = 442 OCC.
(2A) PR. 3'-0" DOOR (66.4" CLEAR WIDTH) AT .2" PER OCC. = 332 OCC.
(3) 3'-6" DOOR (39.2" CLEAR WIDTH) AT .15" PER OCC. = 261 OCC.
(4) PR. 3'-6" DOOR (78.4" CLEAR WIDTH) AT .15" PER OCC. = 522 OCC.
(5) 4'-0" DOOR (45.2" CLEAR WIDTH) AT .15" PER OCC. = 301 OCC.
(6) PR. 4'-0" DOOR (90.4" CLEAR WIDTH) AT .15" PER OCC. = 602 OCC.

TD TRAVEL DISTANCE TO EXIT

EXIT — DIRECTION OF EXIT PATH

SECOND FLOOR EGRESS ANALYSIS

SPACE	CODE O.L
CLASSROOMS	1401
SMALL GROUP ROOMS	180
TEACHER WORK SPACE	111
STORAGE, MECHANICAL, ELECTICAL, ETC	44
STEM/SCIECE LAB	257
TOTAL OCCUPANTS	1993

NOTE: FUNCTIONAL ICCUPANCY IS LOWER THAN CODE REQUIRED OCCUPANCY. OCCUPANTS WILL NOT OCCUPY MULTIPLE SPACES SIMULTANEOUSLY, THEY WILL EITHER BE IN CLASSROOMS OR OTHER SPACES, NOT BOTH. FUNCTIONAL OCCUPANCY ASSUMES 30 STUDENT MAXIMUM CLASS SIZE PER MONORE COUNTY COMMUNITY SCHOOL DISTRICT.

TOTAL DOOR WIDTH REQUIRED: STANDARD DOOR = - X 0.15 = - INCHES	- INCHES
TOTAL DOOR WIDTH PROVIDED (AT FIRST FLOOR EXIT LEVEL)	- INCHES
TOTAL STAIR WIDTH REQUIRED STANDARD STAIR = - X 0.20 = 165.8 INCHES	- INCHES
TOTAL STAIR WIDTH PROVIDED	- INCHES

STAIR ST - 01

ACTUAL STAIR WIDTH	5'-4"
USABLE STAIR WIDTH	4'-10"
CAPACITY	290 OCC.
DOOR CAPACITY @ EXIT	332 OCC.

STAIR ST - 02

ACTUAL STAIR WIDTH	5'-6"
USABLE STAIR WIDTH	5'-0"
CAPACITY	300 OCC.
DOOR CAPACITY @ EXIT	442 OCC.

STAIR ST - 03

ACTUAL STAIR WIDTH	5'-4"
USABLE STAIR WIDTH	4'-10"
CAPACITY	290 OCC.
DOOR CAPACITY @ EXIT	332 OCC.

STAIR ST - 04

ACTUAL STAIR WIDTH	7'-0"
USABLE STAIR WIDTH	6'-6"
CAPACITY	390 OCC.
DOOR CAPACITY @ EXIT	442 OCC.

STAIR ST - 05

ACTUAL STAIR WIDTH	13'-2"
USABLE STAIR WIDTH	12'-8"
CAPACITY	760 OCC.
DOOR CAPACITY @ EXIT	442 OCC.

STAIR ST - 06

ACTUAL STAIR WIDTH	5'-4"
USABLE STAIR WIDTH	4'-10"
CAPACITY	290 OCC.
DOOR CAPACITY @ EXIT	332 OCC.

STAIR ST - 07

ACTUAL STAIR WIDTH	7'-0"
USABLE STAIR WIDTH	6'-6"
CAPACITY	390 OCC.
DOOR CAPACITY @ EXIT	442 OCC.

STAIR ST - 08

ACTUAL STAIR WIDTH	5'-4"
USABLE STAIR WIDTH	5'-0"
CAPACITY	300 OCC.
DOOR CAPACITY @ EXIT	301 OCC.

STAIR ST - 09

ACTUAL STAIR WIDTH	5'-4"
USABLE STAIR WIDTH	5'-0"
CAPACITY	300 OCC.
DOOR CAPACITY @ EXIT	301 OCC.

1 A110 SECOND FLOOR LIFE SAFETY PLAN
SCALE: 3/64" = 1'-0"

NORTH

KEYPLAN

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of construction and materials required for the project.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the Contractor shall provide all work required for the proper execution and completion of the work.

REVISIONS:

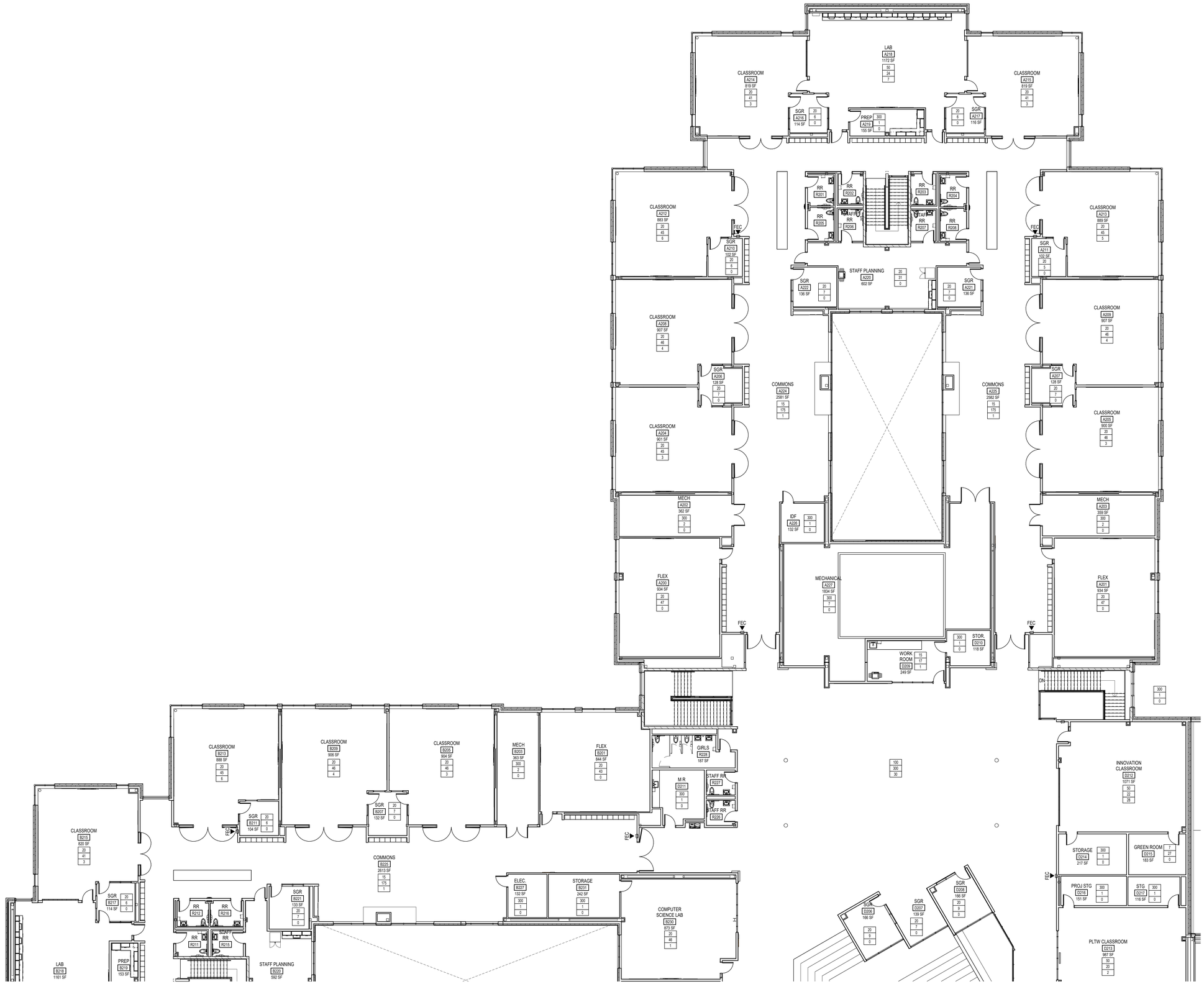
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
SECOND FLOOR LIFE SAFETY PLAN

CERTIFIED BY:
BRENTON C. HITCH REGISTERED No. AR.11700184 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
A110

PROJECT NUMBER
2023061



1 A111 ENLARGED SECOND FLOOR LIFE SAFETY PLAN

SCALE: 3/32" = 1'-0"

BUILDING CODE ANALYSIS

OCCUPANCY TYPE **E** TYPE OF CONSTRUCTION **II-B, TWO STORY**

SPRINKLER SYSTEM
APPROVED AUTOMATIC FIRE SUPPRESSION SYSTEM INSTALLED THROUGHOUT BUILDING.

UNLIMITED BUILDING AREA
BUILDING IS UNLIMITED IN AREA PER IBC 507.4 WITH INDIANA AMMENDMENTS.

SQUARE FOOTAGES

NEW CONSTRUCTION: **327,522 GSF**

EGRESS

NUMBER OF EXITS:	NEW ROOMS ARE REQUIRED TWO MEANS OF EGRESS WHEN: AREA	OCCUPANTS	LOAD FACTOR	COMMON PATH OF TRAVEL
CLASSROOMS	>1,000 SF	>50	20 SF/PERSON	>75 FEET
BUSINESS	>5,000 SF	>50	100 SF/PERSON	>100 FEET
ASSEMBLY	>350 OR 750 SF	>50	7 OR 15 SF/PERSON	>75 FEET

EGRESS CAPACITY: 0.15 INCHES PER PERSON AT DOORS

TRAVEL DISTANCE: TABLE 1016.2, IBC LIMITS THE MAXIMUM TRAVEL DISTANCE IN A SPRINKLED BUILDING.
E OCCUPANCY 250 FEET

DOOR SWING: DOORS SERVING AN AREA CONTAINING AN OCCUPANT LOAD OF 50 OR MORE PERSONS SHALL SWING IN THE DIRECTION OF EGRESS TRAVEL (SECTION 1008.1.2. IBC).

FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS
(RATINGS IN HOURS FOR TYPE II)

BUILDING ELEMENT:	MINIMUM FIRE RESISTANCE:
BEAMS	0 (TABLE 601)
COLUMNS	0 (TABLE 601)
EXTERIOR BEAMING WALLS	0 (TABLE 601)
EXTERIOR NON-BEARING WALLS	X < 30 = 0; 10 ≤ X = 0 (TABLE 601 & 602)
INTERIOR BEARING WALLS (PARTITIONS)	0 (TABLE 601 AND SEC 602.2)
FLOOR CONSTRUCTION	0 (TABLE 601)
ROOF CONSTRUCTION	0 (TABLE 601)
CORRIDORS	0 (TABLE 1018.1)
STAIRWAYS	UNENCLOSED STAIRWAYS SHALL BE PERMITTED (SEC 1020.1, EXCEPTION 9)

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LIFE SAFETY LEGEND

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ROOM NAME — ROOM NAME
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TD TRAVEL DISTANCE TO EXIT

EXIT — DIRECTION OF EXIT PATH

SECOND FLOOR EGRESS ANALYSIS

SPACE	CODE O.L.
CLASSROOMS	1401
SMALL GROUP ROOMS	180
TEACHER WORK SPACE	111
STORAGE, MECHANICAL, ELECTICAL, ETC	44
STEM/SCIECE LAB	257
TOTAL OCCUPANTS	1993

NOTE: FUNCTIONAL ICCUPANCY IS LOWER THAN CODE REQUIRED OCCUPANCY. OCCUPANTS WILL NOT OCCUPY MULTIPLE SPACES SIMULTANEOUSLY, THEY WILL EITHER BE IN CLASSROOMS OR OTHER SPACES, NOT BOTH. FUNCTIONAL OCCUPANCY ASSUMES 30 STUDENT MAXIMUM CLASS SIZE PER MONORE COUNTY COMMUNITY SCHOOL DISTRICT.

TOTAL DOOR WIDTH REQUIRED: - INCHES
STANDARD DOOR = - X 0.15 = - INCHES

TOTAL DOOR WIDTH PROVIDED - INCHES
(AT FIRST FLOOR EXIT LEVEL)

TOTAL STAIR WIDTH REQUIRED - INCHES
STANDARD STAIR = - X 0.20 = 165.8 INCHES

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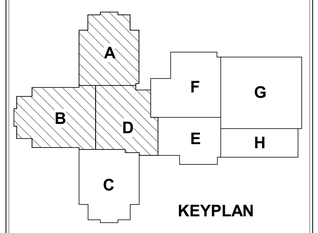

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
ENLARGED SECOND FLOOR LIFE SAFETY PLAN

CERTIFIED BY:
BRENT C. HIGH REGISTERED No. AR11700184 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
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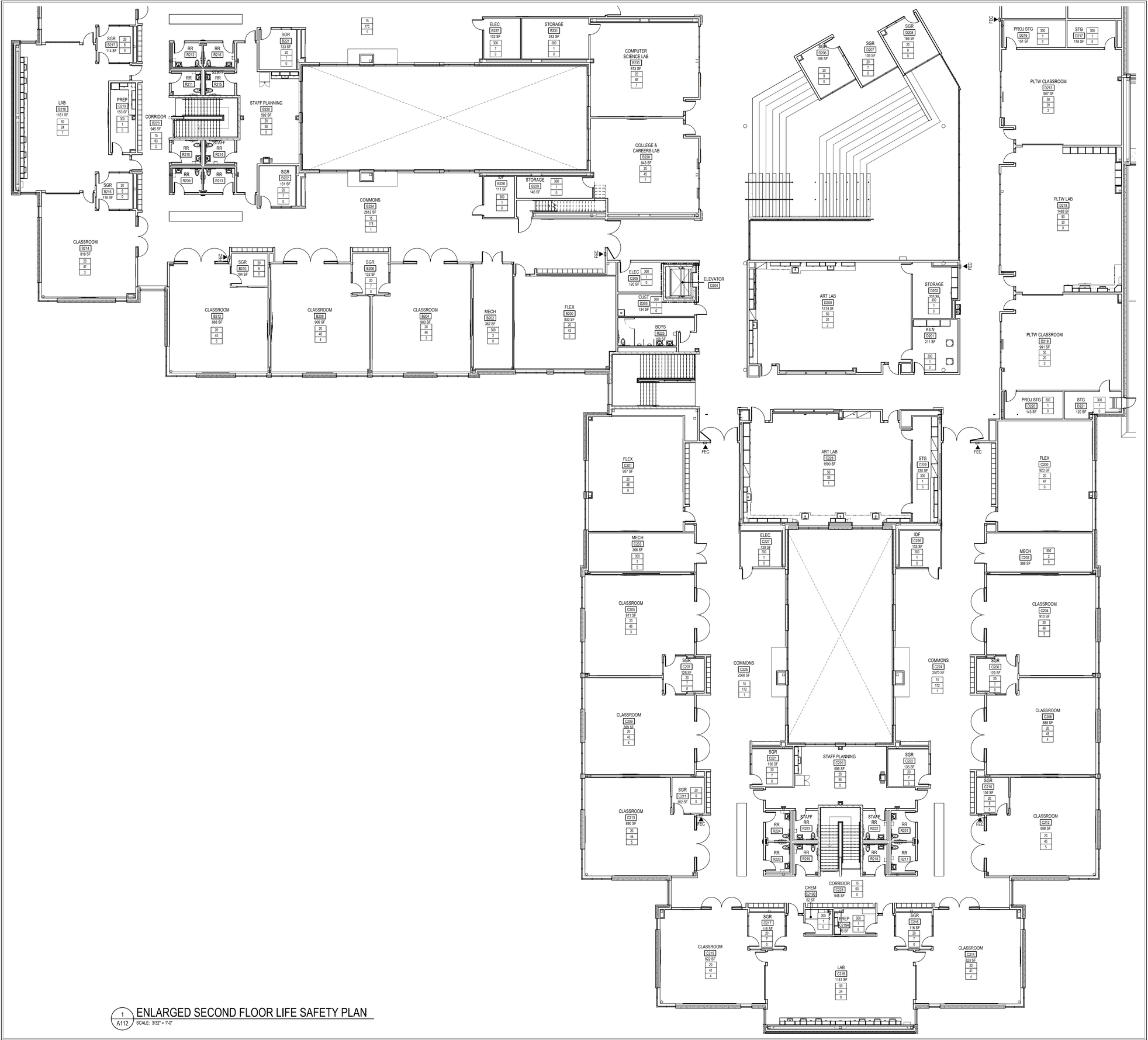

1 A112 ENLARGED SECOND FLOOR LIFE SAFETY PLAN

SCALE: 3/32" = 1'-0"

BUILDING CODE ANALYSIS

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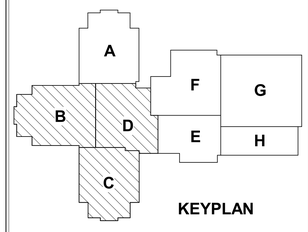

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CERTIFIED BY:
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No. AR11700184
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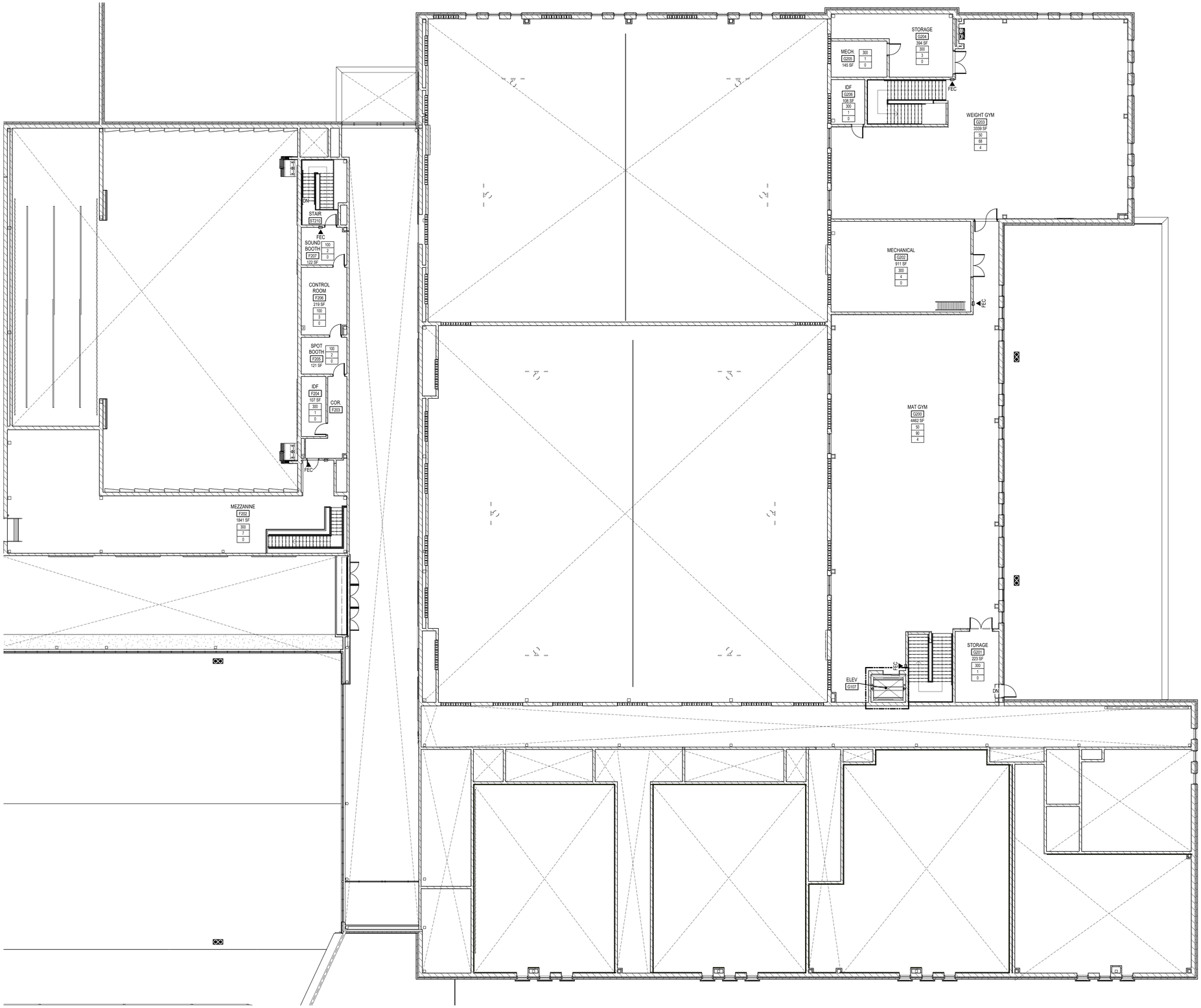

1 A113 ENLARGED SECOND FLOOR LIFE SAFETY PLAN
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EXIT ● ——▶ DIRECTION OF EXIT PATH

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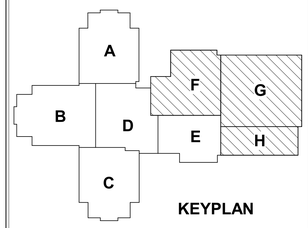

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CERTIFIED BY:
BRENTON C. HITE REGISTERED No. AR11700184 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
A113

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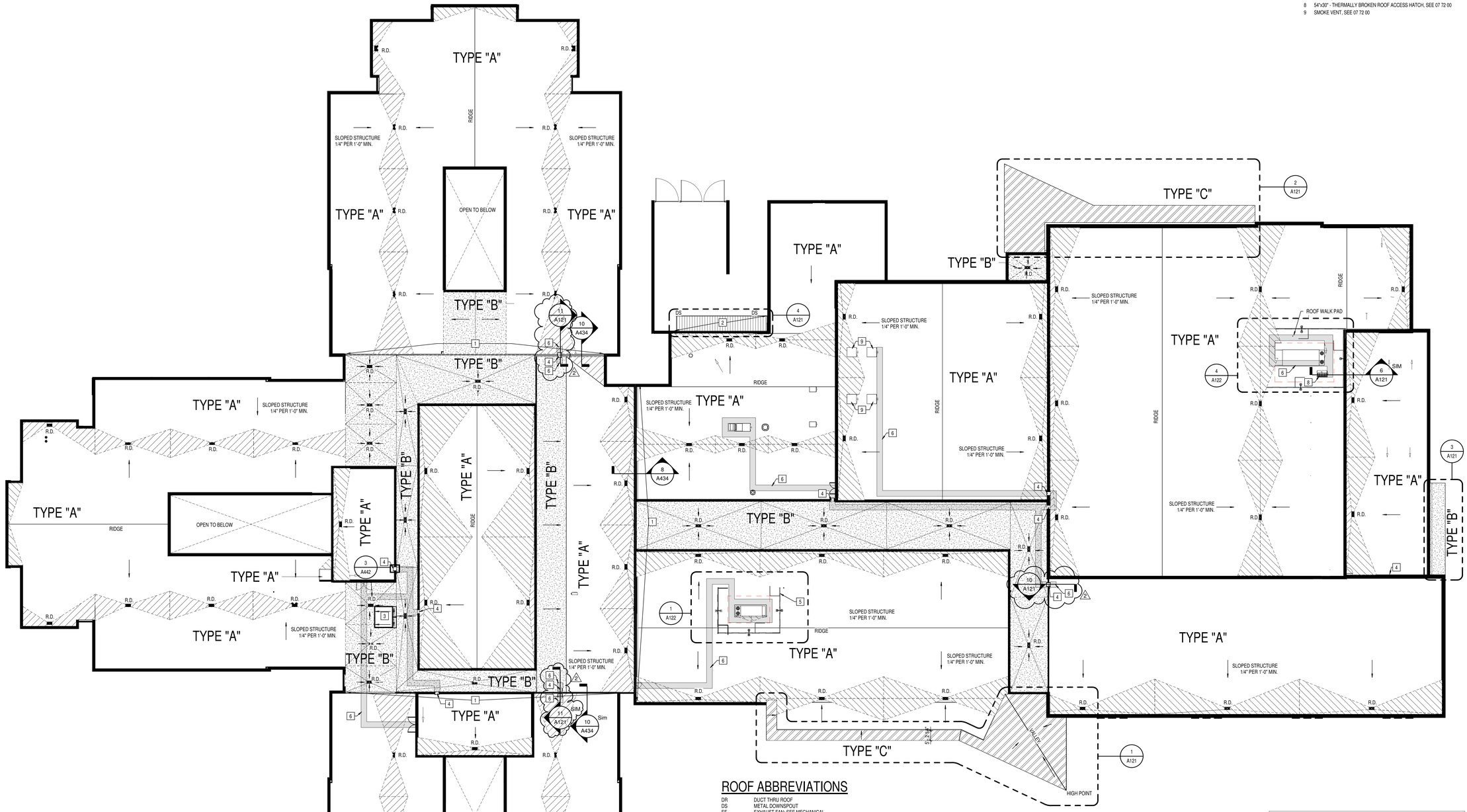
ROOF PLAN NOTES

1 ROOF EXPANSION JOINT LOCATION, SEE 07 95 13.16
2 LOADING DOCK CANOPY ROOF, WITH GUTTERS AND DOWNSPOUTS, SEE 10 53 20
3 ELEVATOR HOISTWAY ABOVE ROOF DECK, PROVIDE ROOF MEMBRANE AND 4" OF INSULATION ON ALL SIDES
4 ROOF LADDER, FOR ATTACHMENT AT STEEL STUDS, SEE DETAIL 3/A442, SEE 05 50 00
5 ROOF SCREEN, SEE 10 82 00
6 ROOF WALK PAD, 07 54 19
7 GUTTER, 07 71 00
8 54"x30" - THERMALLY BROKEN ROOF ACCESS HATCH, SEE 07 72 00
9 SMOKE VENT, SEE 07 72 00



1 A120 COMPOSITE ROOF PLAN - OVERALL PLAN
SCALE: 3/64" = 1'-0"

ROOF ABBREVIATIONS

DR	DUCT THRU ROOF
DS	METAL DOWNSPOUT
EF	EXHAUST FAN; SEE MECHANICAL
EJ	EXPANSION JOINT
FS	FLUE STACK; SEE MECHANICAL
GU	METAL GUTTER
PV	PLUMBING VENT
RAV	RELIEF AIR VENT; SEE MECHANICAL
RH	ROOF HATCH
RD	ROOF DRAIN, SEE 2, 3 & 4 A123
SB	PRECAST CONCRETE SPLASH BLOCK ON SLIP SHEET

GENERAL ROOF NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE BEST QUALITY STANDARDS OF THE TRADE, AND SHALL CONFORM WITH THE LATEST EDITION OF ALL FEDERAL, STATE, AND LOCAL CODES AND STANDARDS. THE SAME ARE MADE A PART OF THESE CONTRACT DOCUMENTS, AS IF REPEATED HEREIN.
2. CONTRACT DOCUMENTS CONSIST OF BOTH THE PROJECT MANUAL AND DRAWINGS, AND BOTH ARE INTENDED TO BE COMPLEMENTARY. ANYTHING APPEARING ON EITHER MUST BE EXECUTED THE SAME AS IF SHOWN ON BOTH.
3. CONSTRUCTION DOCUMENTS SHALL BE FOLLOWED AS CLOSELY AS POSSIBLE, HOWEVER, SYSTEMS HAVE BEEN SHOWN DIAGRAMMATICALLY AND IN SOME CASES, ENLARGED FOR CLARITY. PROVIDE ADDITIONAL ITEMS AS REQUIRED TO PROVIDE A COMPLETE AND COORDINATED SYSTEM.
4. CONTRACTOR SHALL REMOVE CONSTRUCTION DEBRIS FROM THE BUILDING AND ROOF DAILY.
5. STORE VOLATILE OR FLAMMABLE LIQUIDS IN UL LISTED FIRE CABINETS.
6. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SECURITY OF ALL STORED MATERIALS AND EQUIPMENT INSIDE OR OUTSIDE THE BUILDING.
7. CONTRACTOR SHALL FURNISH NECESSARY TEMPORARY PROTECTION FROM WEATHER TO PROTECT INTERIOR OF BUILDING FROM ELEMENTS OF WEATHER AT ALL TIMES.
8. CONTRACTOR RESPONSIBLE FOR TRAFFIC PROTECTION DURING CONSTRUCTION. AREAS OF WORK SUBJECTED TO TRAFFIC BY VARIOUS TRADES SHALL BE PROTECTED BY TEMPORARY WALK PADS.
9. PROVIDE TREATED WOOD BLOCKING EQUAL IN THICKNESS TO INSULATION SYSTEM AT ROOF PERIMETER AND AROUND ALL ROOF PENETRATIONS, ANCHOR PER SECTION I-49 OF THE FM GLOBAL LOSS PREVENTION GUIDE.
10. EXTEND ALL PLUMBING VENTS TO PROVIDE A MIN. OF 12" OF HEIGHT FROM TOP OF INSULATION. ALL FITTINGS TO BE AIR AND WATER TIGHT. SEE PLUMBING PLANS FOR LOCATIONS.
11. ROOF INSULATION SADDLES AND CRICKETS ARE DIAGRAMMATIC. ROOF INSULATION MANUFACTURER SHALL DESIGN AND SIZE THESE PER THE ROOF MEMBRANE MANUFACTURER'S RECOMMENDATIONS. CRICKETS AND SADDLES SHOULD HAVE A MINIMUM OF TWO TIMES THE SLOPE OF THE PRIMARY TAPERED SYSTEM OR STRUCTURAL SLOPE. THE RATIO OF A CRICKET'S WIDTH TO LENGTH SHOULD BE NO LESS THAN 1 TO 3.
12. PROVIDE SADDLES/CRICKETS AROUND ALL NEW ROOF TOP EQUIPMENT. SEE MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR LOCATIONS OF ALL ROOF PENETRATIONS.
13. PROVIDE TAPERED INSULATION WHERE REQUIRED TO TRANSITION FROM ONE INSULATION HEIGHT TO ANOTHER.
14. NOTCH ALL INSULATION AS REQUIRED TO ACCOMMODATE SURFACE MOUNTED CONDUIT, FASTENERS, OFFSETS AND OTHER PROJECTIONS EXTENDING ABOVE THE SURFACE OF THE DECK.
15. PERIMETER EDGE METAL TO COMPLY WITH ANSI/SPRI ES-1 FM GLOBAL 1-49.
16. SEE MECHANICAL, ELECTRICAL AND PLUMBING (MEP) SHEETS FOR ROOF TOP EQUIPMENT.
17. ALL ROOF DETAIL DRAWINGS CONTAINED IN THIS SET ARE DIAGRAMMATIC. ADJUST ROOF DETAILS BASED ON SPECIFIC ROOFING SYSTEM SELECTED ACCORDING TO MANUFACTURER'S WRITTEN SPECIFICATIONS AND APPROVED DETAIL DRAWINGS. ALL ASSEMBLY COMPLICATIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
18. THE ROOF CONTRACTOR SHALL PROTECT ALL ROOF DRAINS, GUTTERS AND DOWNSPOUTS FROM DEBRIS CREATED DURING CONSTRUCTION. THE ROOF CONTRACTOR SHALL CLEAR ALL DRAINS, GUTTERS AND DOWNSPOUTS PRIOR TO COMPLETION OF WORK AND TO ENSURE THAT THEY ARE FREE OF DEBRIS AND FUNCTIONING PROPERLY.
19. MECHANICAL, ELECTRICAL AND PLUMBING INFORMATION SHOWN ON THIS PLAN IS GENERAL IN NATURE. REFER TO P, M AND E DRAWINGS FOR FURTHER INFORMATION AND COORDINATE ALL REQUIRED ROOF OPENINGS OR ROOF MOUNTED EQUIPMENT.
20. SEE DETAIL 5/A123 FOR TYPICAL THROUGH WALL FLASHING AT ROOF TERMINATION DETAIL

ROOFING TYPES SCHEDULE

TYPE	LEGEND	DESCRIPTION
TYPE "A"		SINGLE PLY ROOFING MEMBRANE OVER 4" POLYISO ROOFING INSULATION BOARD (MIN R24) W/ 1/2" COVER BOARD INSTALLED ONTO A SLOPPED METAL ROOF DECK.
TYPE "B"		SINGLE PLY ROOFING MEMBRANE OVER TAPERED (1/4" MIN. PER FOOT SLOPE) POLYISO ROOFING INSULATION BOARD INSTALLED ONTO A LEVEL METAL ROOF DECK. PROVIDE A MIN. STARTING INSULATION THICKNESS OF 1 - 1/2".
TYPE "C"		SINGLE PLY ROOFING MEMBRANE OVER TAPERED (1/8" MIN. PER FOOT SLOPE) POLYISO ROOFING INSULATION BOARD INSTALLED ONTO A LEVEL METAL ROOF DECK.
CRICKET/ SADDLE		ROOF SADDLE CREATED WITH TAPERED INSULATION. SLOPE 1/2" PER FOOT. CRICKETS AND SADDLES TO BE A MINIMUM WIDTH OF 1/2 THE SADDLE LENGTH.

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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The Trade Contractors shall furnish all work indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #5	08/09/2024
2	ADDENDUM #6	08/16/2024

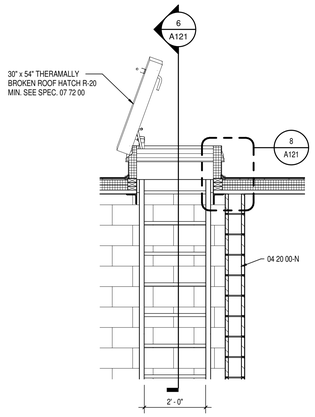
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
COMPOSITE ROOF PLAN

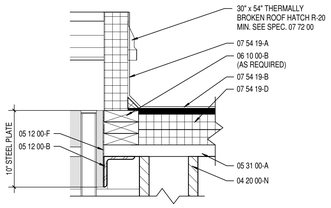
CERTIFIED BY:
BRENTON C. HIRT
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A120

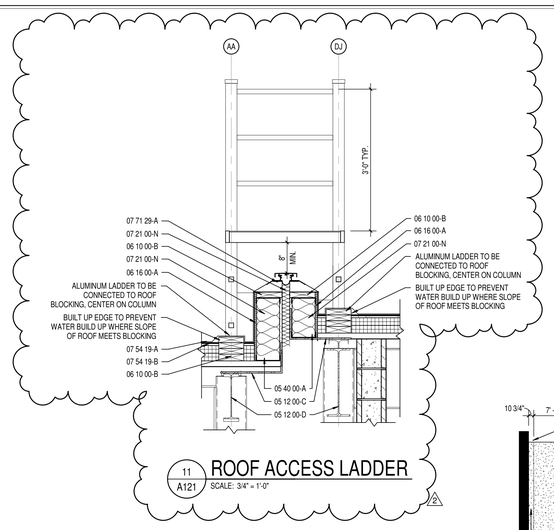
PROJECT NUMBER
2023061



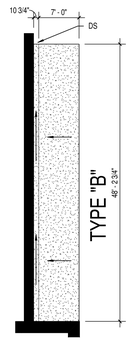
7 A121 ROOF HATCH SECTION
SCALE: 1/2" = 1'-0"



8 A121 ENLARGED ROOF DETAIL
SCALE: 1 1/2" = 1'-0"

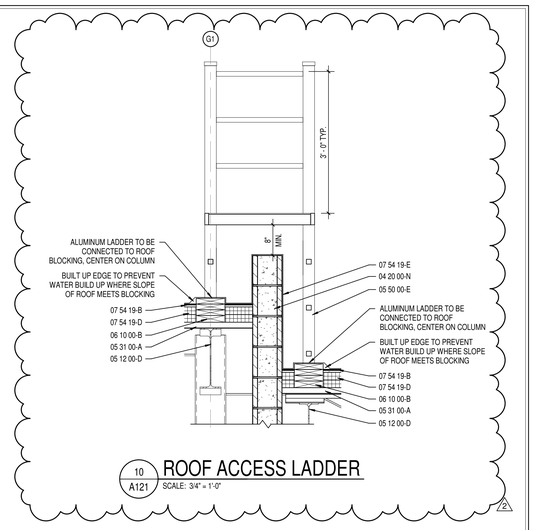


11 A121 ROOF ACCESS LADDER
SCALE: 3/4" = 1'-0"

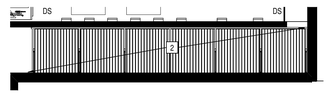


9 A121 ENLARGED ROOF DETAIL
SCALE: 1 1/2" = 1'-0"

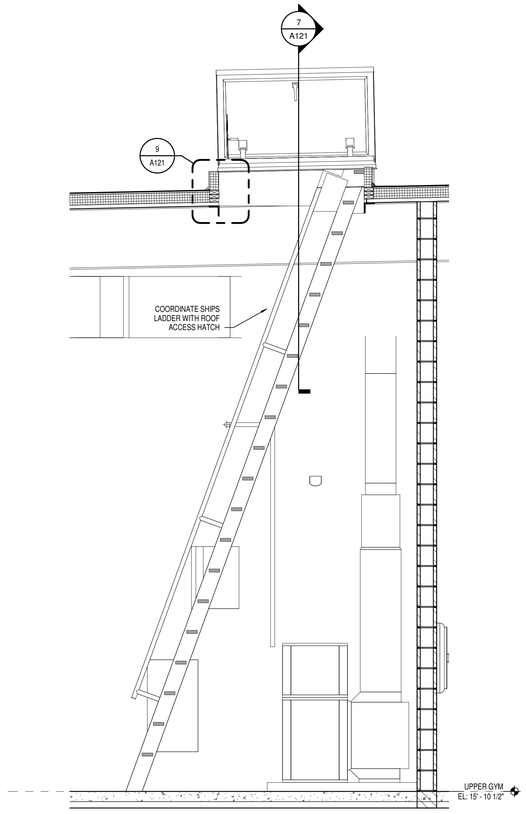
3 A121 ENLARGED EAST CANOPY
SCALE: 3/32" = 1'-0"



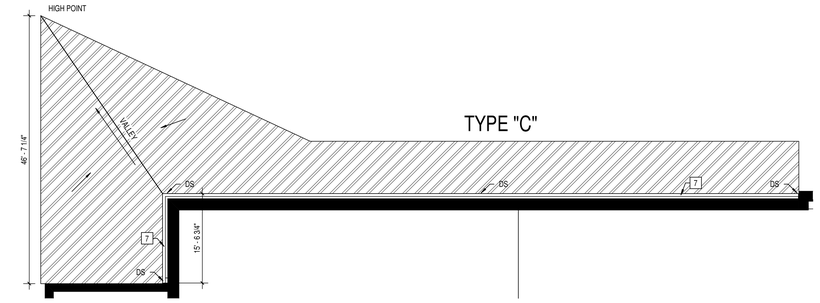
10 A121 ROOF ACCESS LADDER
SCALE: 3/4" = 1'-0"



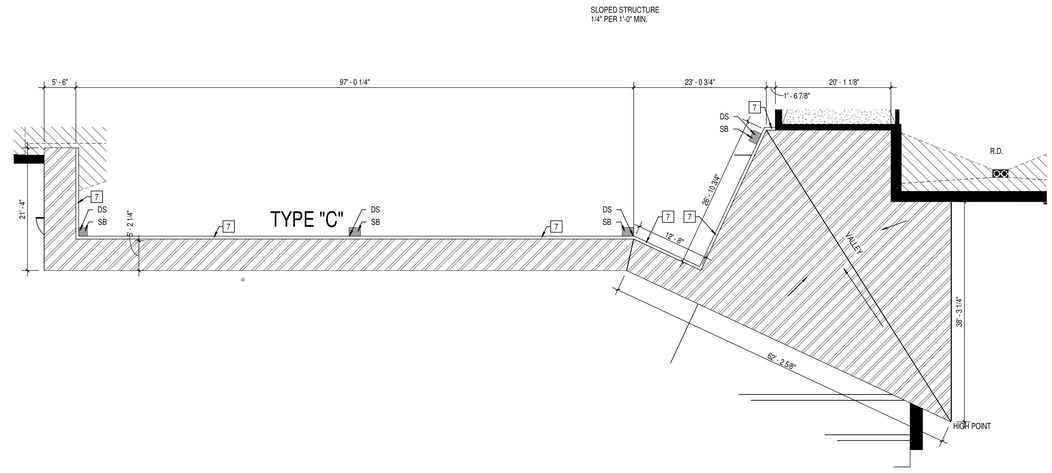
4 A121 ENLARGED MECHANICAL YARD CANOPY
SCALE: 3/32" = 1'-0"



6 A121 ROOF HATCH SECTION
SCALE: 1/2" = 1'-0"



2 A121 ENLARGED NORTH CANOPY
SCALE: 3/32" = 1'-0"



1 A121 ENLARGED SOUTH CANOPY
SCALE: 3/32" = 1'-0"

ROOF PLAN NOTES

1 ROOF EXPANSION JOINT LOCATION, SEE 07 95 13.16
2 LOADING DOCK CANOPY ROOF, WITH GUTTERS AND DOWNSPOUTS, SEE 10 53 20
3 ELEVATOR HOISTWAY ABOVE ROOF DECK, PROVIDE ROOF MEMBRANE AND 4" OF INSULATION ON ALL SIDES
4 ROOF LADDER, FOR ATTACHMENT AT STEEL STUDS, SEE DETAIL 3/A442, SEE 05 50 00
5 ROOF SCREEN, SEE 10 82 00
6 ROOF WALK PAD, 07 54 19
7 GUTTER, 07 71 00
8 54"x30" - THERMALLY BROKEN ROOF ACCESS HATCH, SEE 07 72 00
9 SMOKE VENT, SEE 07 72 00

ROOF ABBREVIATIONS

DR	DUCT THRU ROOF
DS	METAL DOWNSPOUT
EF	EXHAUST FAN; SEE MECHANICAL
EJ	EXPANSION JOINT
FS	FLUE STACK; SEE MECHANICAL
GU	METAL GUTTER
PV	PLUMBING VENT
RAV	RELIEF AIR VENT; SEE MECHANICAL
RH	ROOF HATCH
SB	SPLASH BLOCK

GENERAL ROOF NOTES

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2. CONTRACT DOCUMENTS CONSIST OF BOTH THE PROJECT MANUAL AND DRAWINGS, AND BOTH ARE INTENDED TO BE COMPLEMENTARY. ANYTHING APPEARING ON EITHER MUST BE EXECUTED THE SAME AS IF SHOWN ON BOTH.
3. CONSTRUCTION DOCUMENTS SHALL BE FOLLOWED AS CLOSELY AS POSSIBLE, HOWEVER, SYSTEMS HAVE BEEN SHOWN DIAGRAMMATICALLY AND IN SOME CASES, ENLARGED FOR CLARITY. PROVIDE ADDITIONAL ITEMS AS REQUIRED TO PROVIDE A COMPLETE AND COORDINATED SYSTEM.
4. CONTRACTOR SHALL PROVIDE ANY AND ALL TEMPORARY UTILITY SERVICE REQUIRED TO CONSTRUCT THE WORK. CONTRACTOR MAY EXTEND SERVICES FROM EXISTING LOCATIONS TO WHERE THEY ARE REQUIRED. REMOVE TEMPORARY UTILITIES AND RELATED EXTENSIONS AS SOON AS PRACTICABLE. RESTORE ALL AFFECTED AREAS TO ORIGINAL CONDITION.
5. CONTRACTOR SHALL REMOVE CONSTRUCTION DEBRIS FROM THE BUILDING AND ROOF DAILY.
6. STORE VOLATILE OR FLAMMABLE LIQUIDS IN UL LISTED FIRE CABINETS.
7. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SECURITY OF ALL STORED MATERIALS AND EQUIPMENT INSIDE OR OUTSIDE THE BUILDING.
8. CONTRACTOR SHALL FURNISH NECESSARY TEMPORARY PROTECTION FROM WEATHER TO PROTECT INTERIOR OF BUILDING FROM ELEMENTS OF WEATHER AT ALL TIMES.
9. CONTRACTOR RESPONSIBLE FOR TRAFFIC PROTECTION DURING CONSTRUCTION. AREAS OF WORK SUBJECTED TO TRAFFIC BY VARIOUS TRADES SHALL BE PROTECTED BY TEMPORARY WALK PADS.
10. PROVIDE TREATED WOOD BLOCKING EQUAL IN THICKNESS TO INSULATION SYSTEM AT ROOF PERIMETER AND AROUND ALL ROOF PENETRATIONS. ANCHOR PER SECTION I-49 OF THE FM GLOBAL LOSS PREVENTION GUIDE.
11. EXTEND ALL PLUMBING VENTS TO PROVIDE A MIN. OF 12" OF HEIGHT FROM TOP OF INSULATION. ALL FITTINGS TO BE AIR AND WATER TIGHT. SEE PLUMBING PLANS FOR LOCATIONS.
12. ROOF INSULATION SADDLES AND CRICKETS ARE DIAGRAMMATIC. ROOF INSULATION MANUFACTURER SHALL DESIGN AND SIZE THESE PER THE ROOF MEMBRANE MANUFACTURERS RECOMMENDATIONS. CRICKETS AND SADDLES SHOULD HAVE A MINIMUM OF TWO TIMES THE SLOPE OF THE PRIMARY TAPERED SYSTEM OR STRUCTURAL SLOPE. THE RATIO OF A CRICKET'S WIDTH TO LENGTH SHOULD BE NO LESS THAN 1 TO 3.
13. PROVIDE SADDLES/CRICKETS AROUND ALL NEW ROOF TOP EQUIPMENT. SEE MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR LOCATIONS OF ALL ROOF PENETRATIONS.
14. PROVIDE TAPERED INSULATION WHERE REQUIRED TO TRANSITION FROM ONE INSULATION HEIGHT TO ANOTHER.
15. NOTCH ALL INSULATION AS REQUIRED TO ACCOMMODATE SURFACE MOUNTED CONDUIT, FASTENERS, OFFSETS AND OTHER PROJECTIONS EXTENDING ABOVE THE SURFACE OF THE DECK.
16. PERIMETER EDGE METAL TO COMPLY WITH ANSI/SPRI ES-1 FM GLOBAL 1-49.
17. SEE MECHANICAL, ELECTRICAL AND PLUMBING (MEP) SHEETS FOR ROOF TOP EQUIPMENT.
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ROOFING TYPES SCHEDULE

TYPE	LEGEND	DESCRIPTION
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TYPE "B"		SINGLE PLY ROOFING MEMBRANE OVER TAPERED (1/4" MIN. PER FOOT SLOPE) POLYISO ROOFING INSULATION BOARD INSTALLED ONTO A LEVEL METAL ROOF DECK. PROVIDE A MIN. STARTING INSULATION THICKNESS OF 1 - 1/2".
TYPE "C"		SINGLE PLY ROOFING MEMBRANE OVER TAPERED (1/8" MIN. PER FOOT SLOPE) POLYISO ROOFING INSULATION BOARD INSTALLED ONTO A LEVEL METAL ROOF DECK.
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PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
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SCOPE DRAWINGS:
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REVISIONS:

1	ADDENDUM #5	08/09/2024
2	ADDENDUM #6	08/16/2024

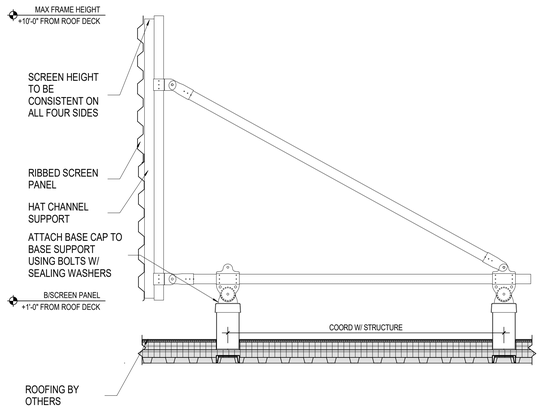
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
ENLARGED ROOF PLANS

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

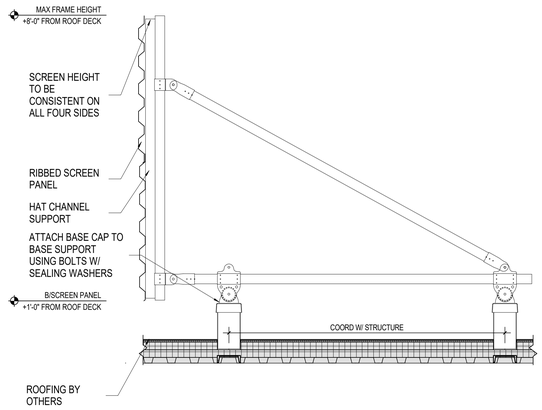
DRAWING NUMBER
A121

PROJECT NUMBER
2023061



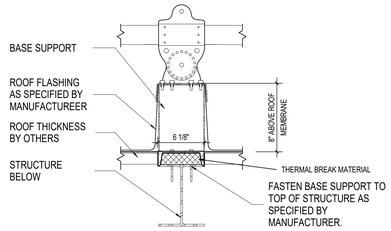
5 A122 UNIT G - TYPICAL ROOFSCREEN SC3 FRAME

SCALE: 3/4" = 1'-0"

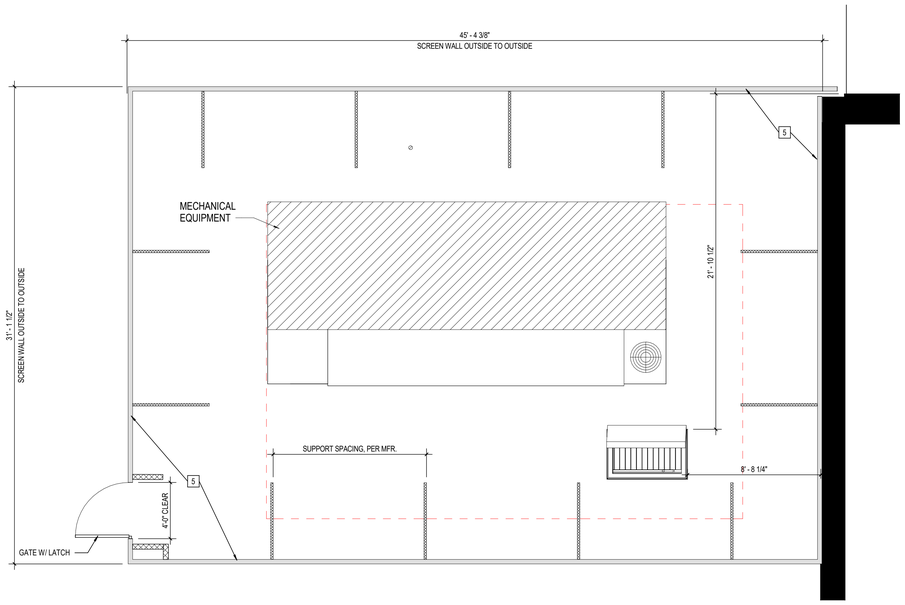


2 A122 UNIT E - TYPICAL ROOFSCREEN SC3 FRAME

SCALE: 3/4" = 1'-0"

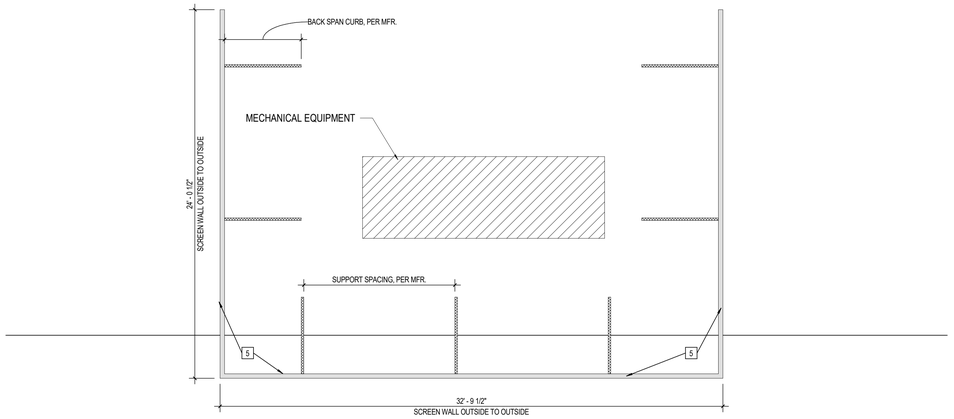


TYPICAL ROOFSCREEN BASE DETAIL



4 A122 ROOF SCREEN PLAN - UNIT G

SCALE: 1/4" = 1'-0"



1 A122 ROOF SCREEN PLAN - UNIT E

SCALE: 1/4" = 1'-0"

ROOF ABBREVIATIONS

DR	DUCT THRU ROOF
DS	METAL DOWNSPOUT
EF	EXHAUST FAN; SEE MECHANICAL
EJ	EXPANSION JOINT
FS	FLUE STACK; SEE MECHANICAL
GU	METAL GUTTER
PV	PLUMBING VENT
RAV	RELIEF AIR VENT; SEE MECHANICAL
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ROOF PLAN NOTES

1 ROOF EXPANSION JOINT LOCATION, SEE 07 95 13.16
2 LOADING DOCK CANOPY ROOF, WITH GUTTERS AND DOWNSPOUTS, SEE 10 53 20
3 ELEVATOR HOISTWAY ABOVE ROOF DECK, PROVIDE ROOF MEMBRANE AND 4" OF INSULATION ON ALL SIDES
4 ROOF LADDER, FOR ATTACHMENT AT STEEL STUDS, SEE DETAIL 3/A442, SEE 05 50 00
5 ROOF SCREEN, SEE 10 82 00
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7 GUTTER, 07 71 00
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9 SMOKE VENT, SEE 07 72 00

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REVISIONS:

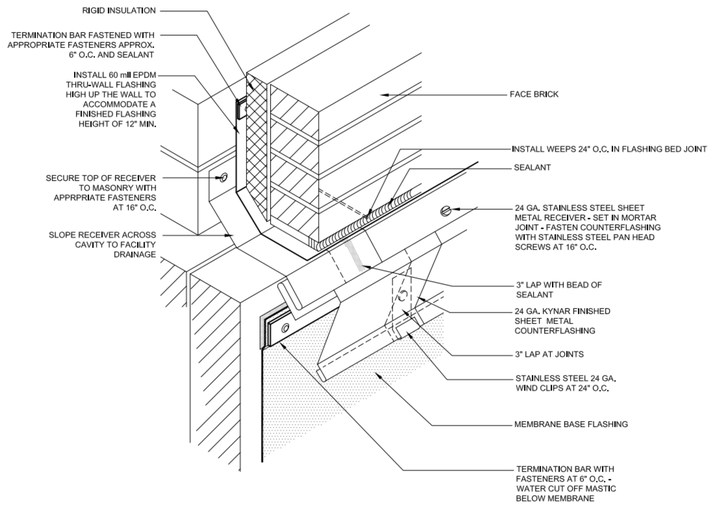
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
ROOF SCREEN PLAN

CERTIFIED BY:
BRENT C. HIDE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

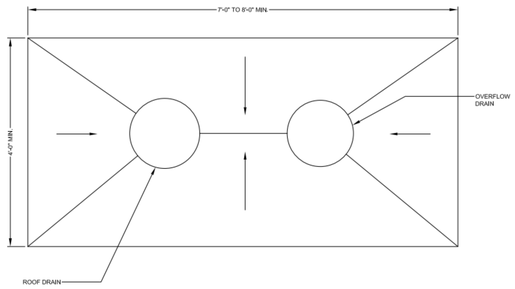
DRAWING NUMBER
A122

PROJECT NUMBER
2023061



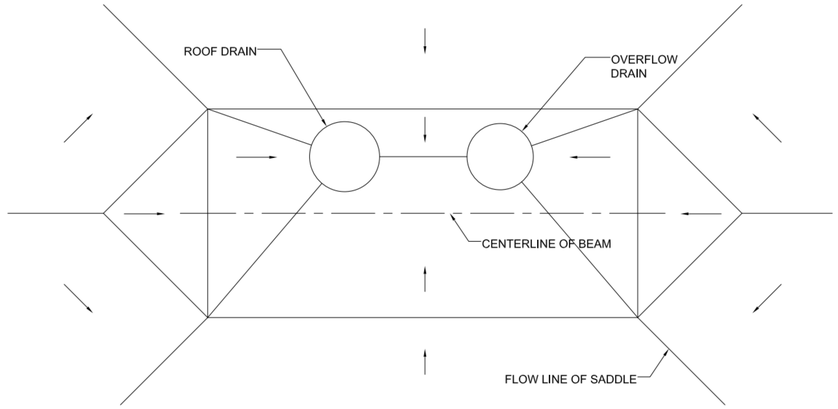
5 A123 THRU-WALL FLASHING

SCALE: N.T.S.



4 A123 PLAN OF DRAIN SUMP

SCALE: N.T.S.

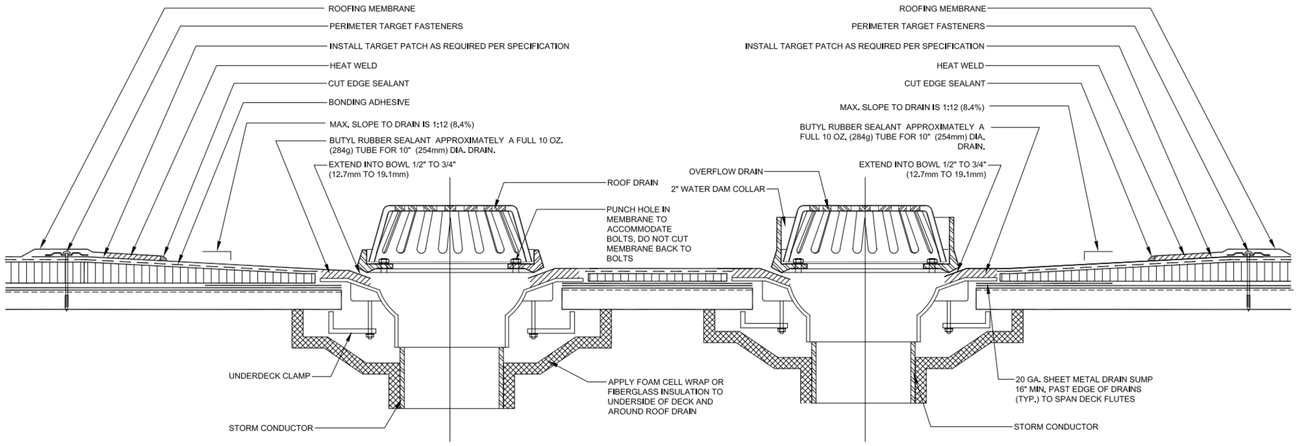


3 A123 PLAN OF OFFSET DRAIN SUMPS

SCALE: N.T.S.

NOTES:

1. WITHIN SUMP (± 6'X8' LARGER AS REQUIRED), FILL IN CENTERLINE OF BEAM/LOW POINT OF DECK WITH TAPERED EDGE AS REQUIRED TO SHIFT LOW POINT OF SUMP TO CENTERLINE OF DRAINS.

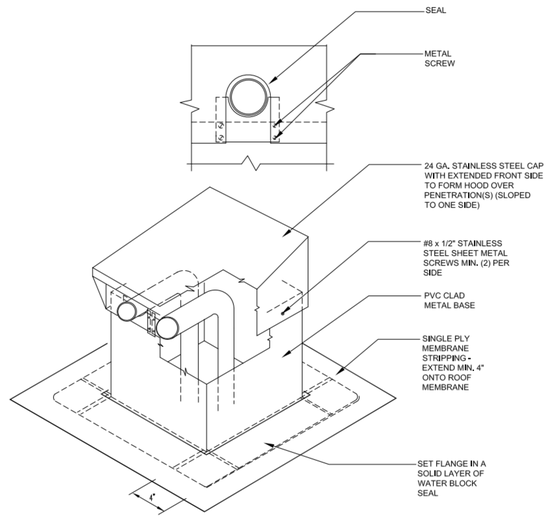


2 A123 ROOF DRAIN

SCALE: N.T.S.

NOTES:

1. IF SEAMS RUN WITHIN 18" (457mm) OF DRAIN, INSTALL A 4' X 4' (1.2m x 1.2m) PATCH ON TOP OF MEMBRANE ASSURING SEAM IS COVERED, OR STRIP IN SEAM WITH 6" (152.4mm) WIDE MEMBRANE.
2. TAPERED INSULATION WITH APPROPRIATE BONDING SURFACE SHALL BE USED WITH FULLY ADHERED SYSTEMS.
3. INSULATE AND INSTALL DRAIN BOWLS WHERE SPECIFIED.
4. INSTALL MEMBRANE TARGET PATCH PRIOR TO FIELD MEMBRANE INSTALLATION TO PREVENT TARGET SEAMS FROM BEING INSTALLED AGAINST SLOPE OF TAPERED SUMP.
5. ALL MEMBRANE WITHIN THE SUMP AREA SHALL BE FULLY ADHERED.
6. CUT ANY EXISTING INSULATION DOWN TO THE ROOF DECK TO PROVIDE THE SUMP AREA. THE NEW TAPERED SUMP SHALL BE CREATED FROM THE EXISTING DECK UP.
7. INSTALL 20 GA. SHEET METAL OVER DECK FLUTES AT LOCATIONS WHERE INSULATION IS OF LESS THAN 1-1/2" THICKNESS. (TYPICAL)
8. INCREASE THE SIZE OF THE SUMP AS NECESSARY TO NOT EXCEED THE MAXIMUM 1" PER FOOT SLOPE.



1 A123 CONDUCT HOUSING

SCALE: N.T.S.

NOTES:

1. CLOSURE MUST BE FABRICATED WITH ONE SIDE OPEN TO FIT AROUND PENETRATIONS WHICH CANNOT BE INTERRUPTED.
2. THIS DETAIL CAN BE MODIFIED FOR SINGULAR OR MULTIPLE PENETRATIONS.
3. FILL INSIDE OF HOUSING WITH FIBERGLASS BATT INSULATION.

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. They are not intended to be complete in that they describe all work required for full performance and completion of the requirements of the Contract.
The Work shall include the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	Author	Checker

DRAWING TITLE:
TYPICAL ROOF DETAILS

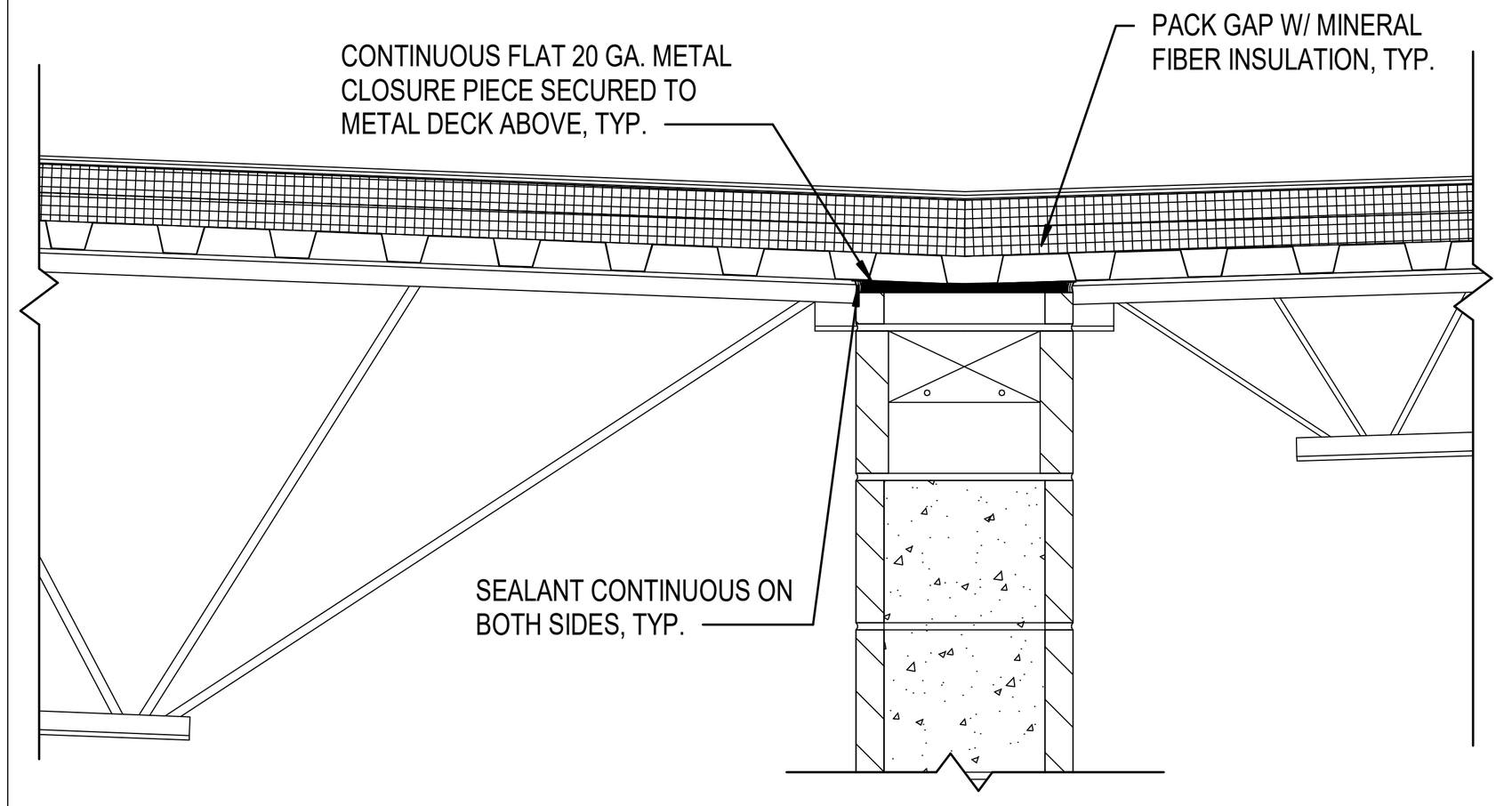
CERTIFIED BY:
BRENDON C. HIDE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A123

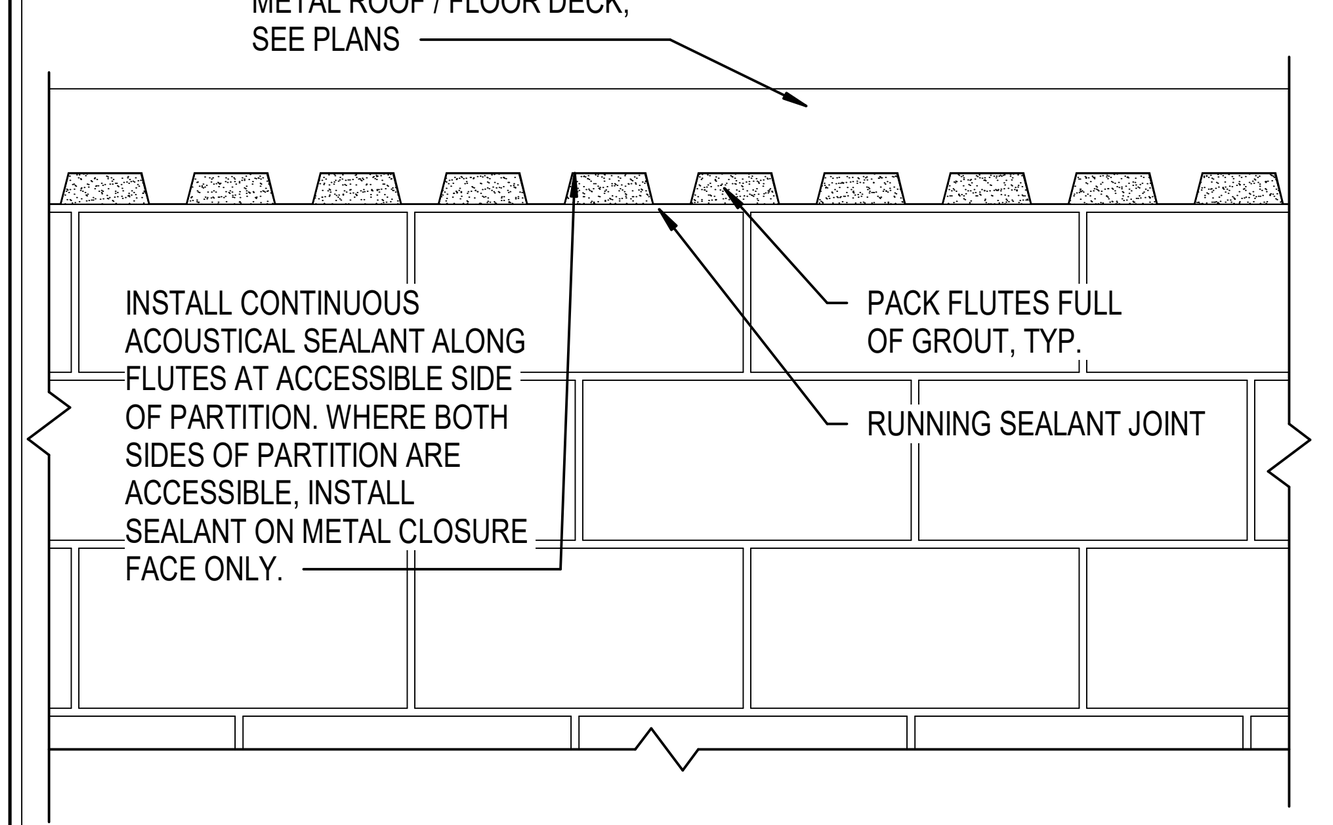
PROJECT NUMBER
2023061

ACOUSTIC ISOLATION DETAILS

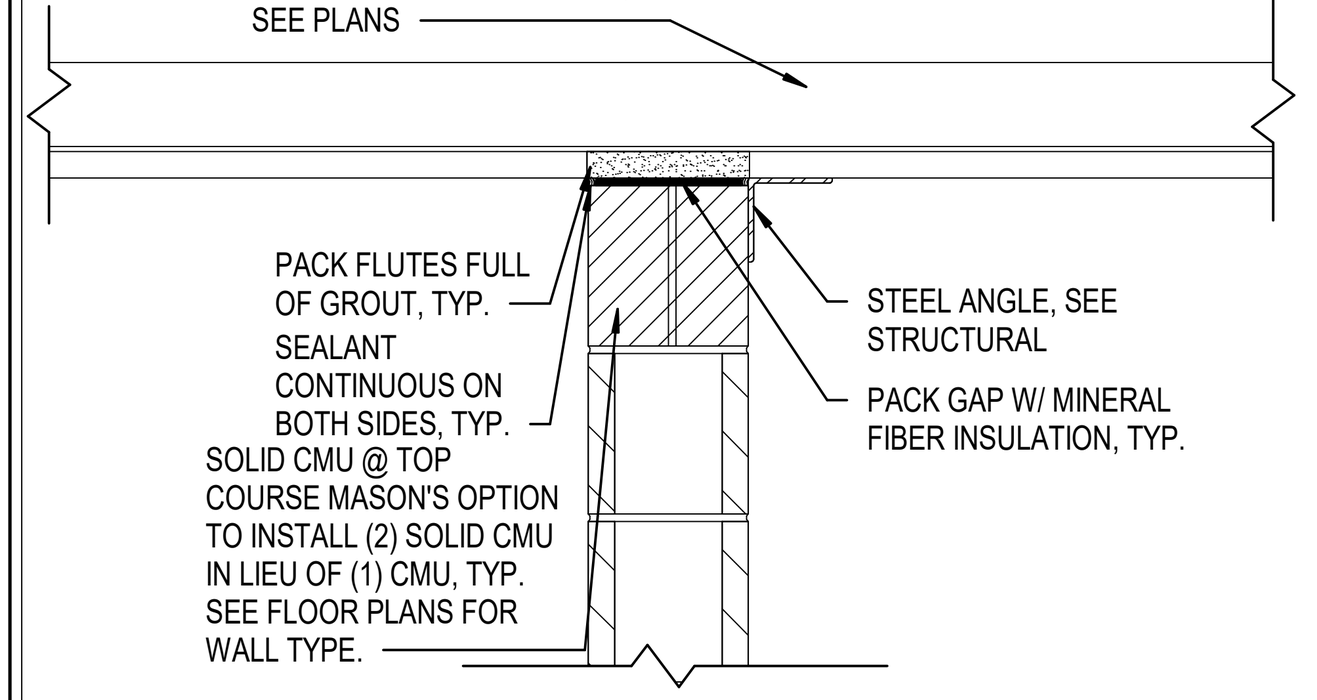
DETAILS DRAWN ARE TYPICAL
DRAWINGS DO NOT NECESSARILY REPRESENT EXACT CONDITION IN PROJECT



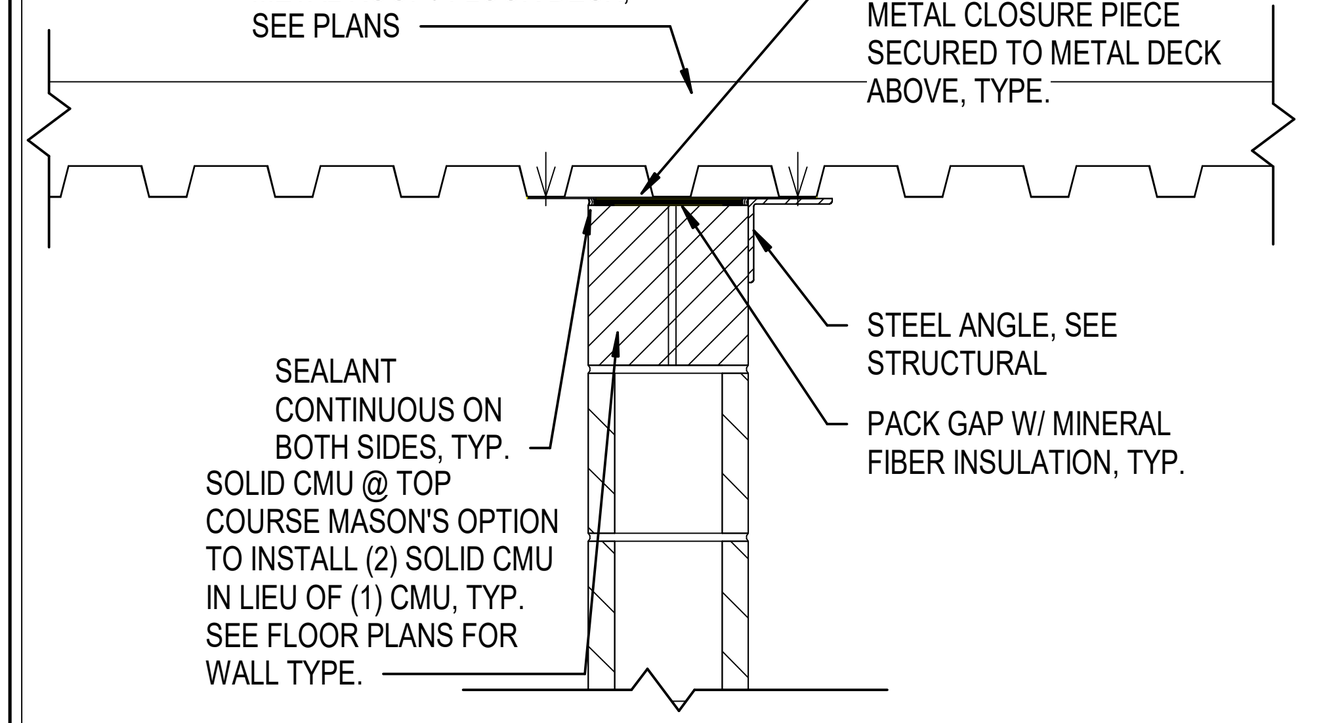
01 ACOUSTIC ISOLATION DETAIL



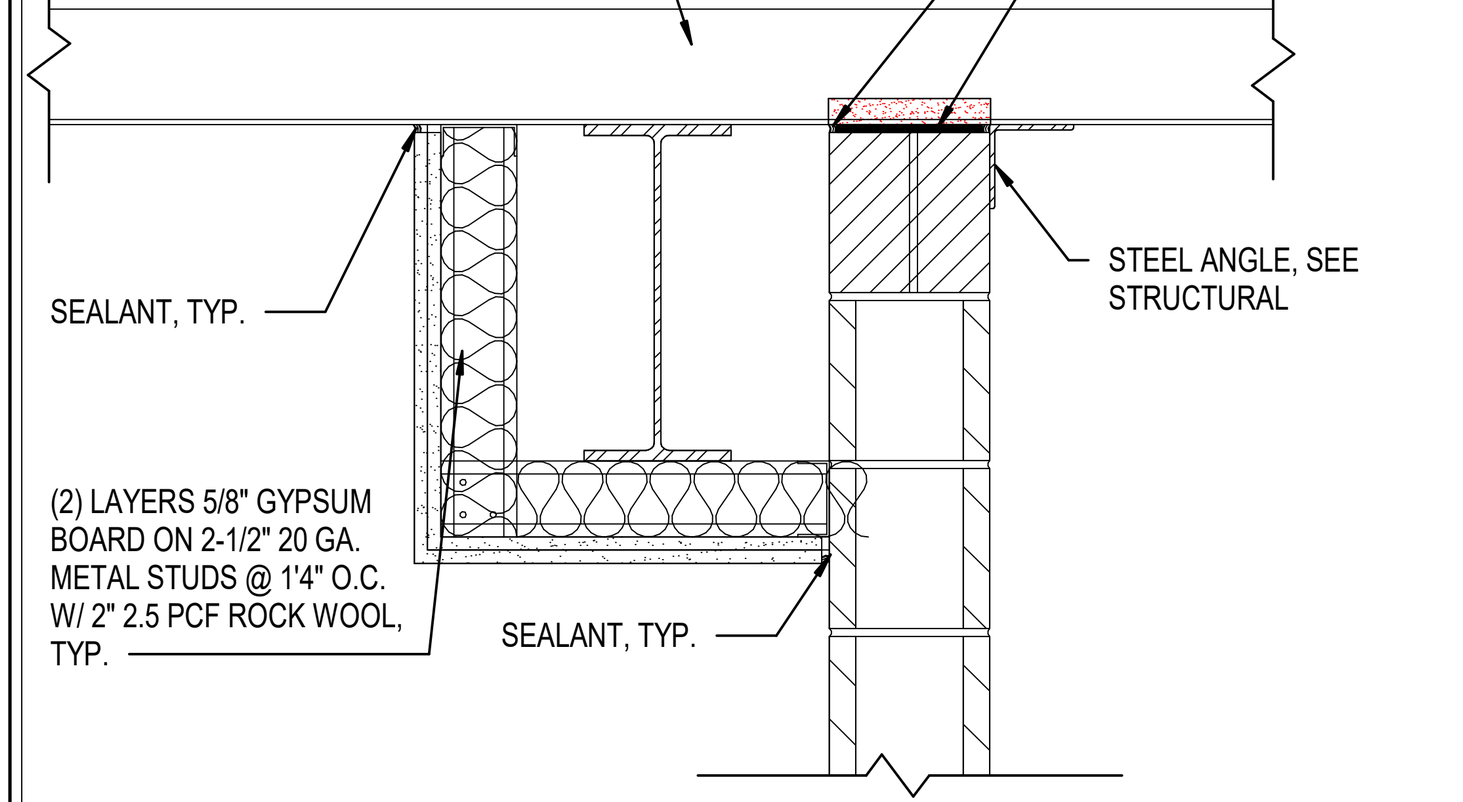
02 ACOUSTIC ISOLATION DETAIL



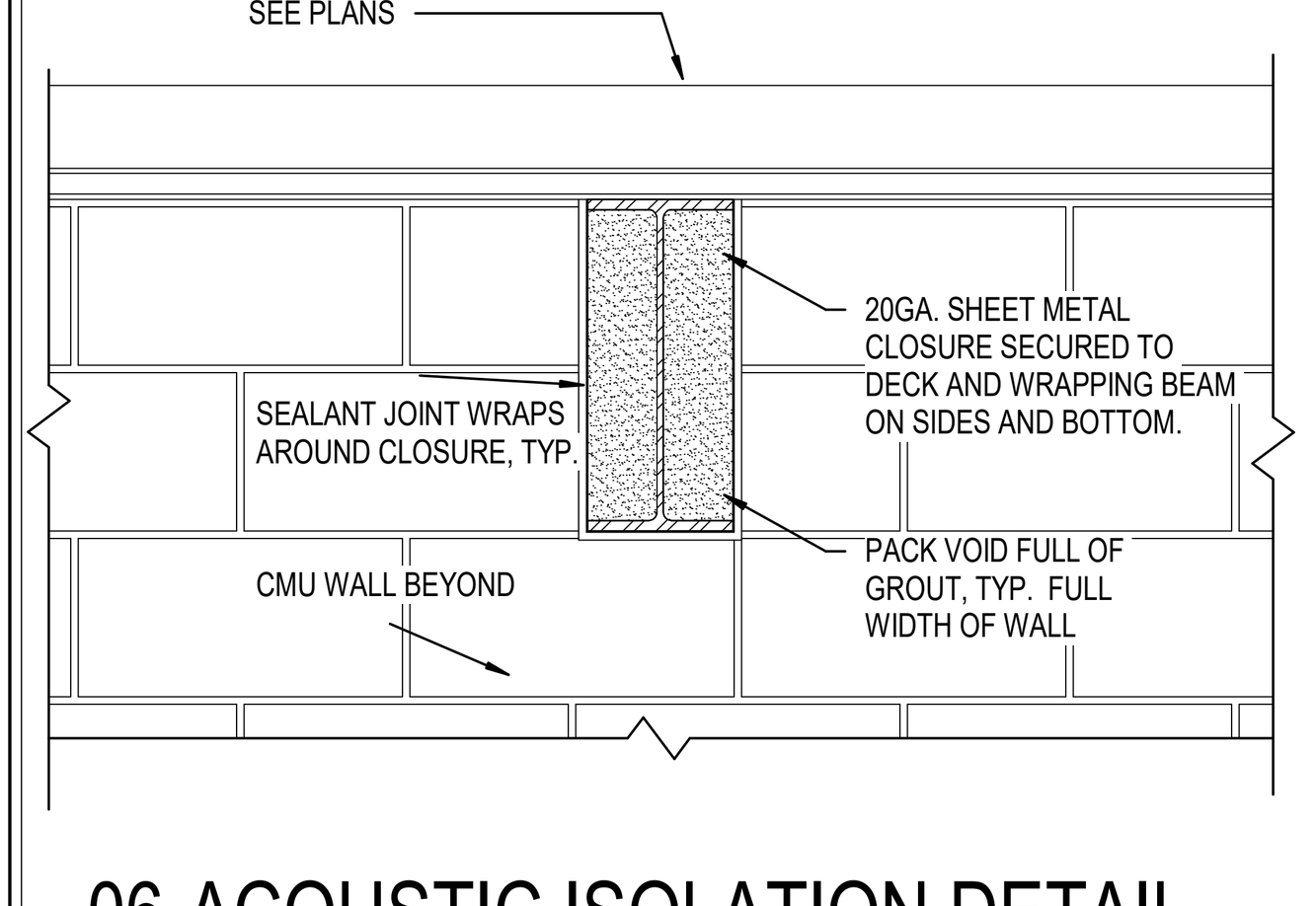
03 ACOUSTIC ISOLATION DETAIL



04 ACOUSTIC ISOLATION DETAIL

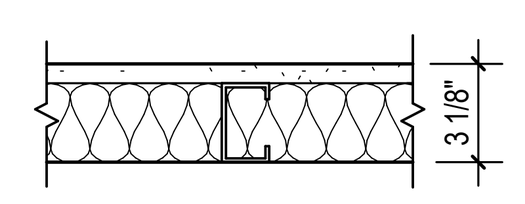


05 ACOUSTIC ISOLATION DETAIL



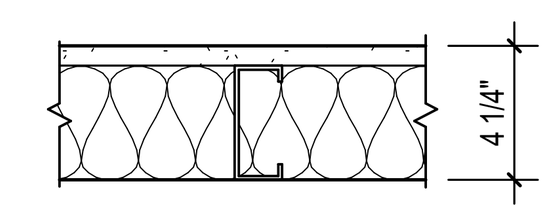
06 ACOUSTIC ISOLATION DETAIL

W1



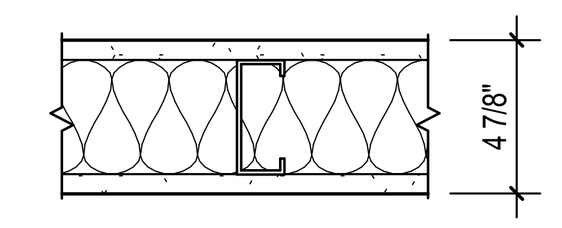
- 2 1/2" METAL STUDS @ 16" O.C. WITH SOUND ATTENUATION BLANKETS.
- 5/8" GYPSUM WALL BOARD ON 1 SIDE OF STUD, TAPED AND FINISHED.

W2



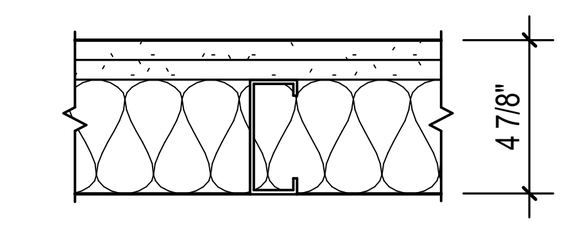
- 3 5/8" METAL STUDS @ 16" O.C. WITH SOUND ATTENUATION BLANKETS.
- 5/8" GYPSUM WALL BOARD ON 1 SIDE OF STUD, TAPED AND FINISHED.

W3



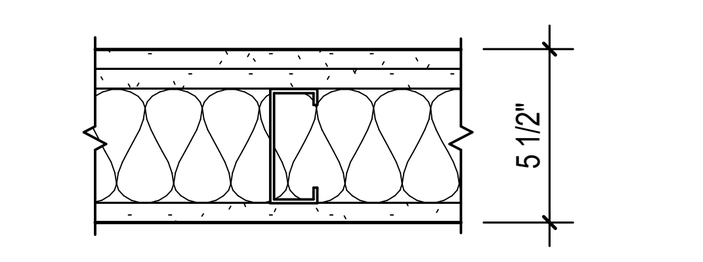
- 3 5/8" METAL STUDS @ 16" O.C. WITH SOUND ATTENUATION BLANKETS.
- 5/8" GYPSUM WALL BOARD ON BOTH SIDES OF STUD, TAPED AND FINISHED.

W4



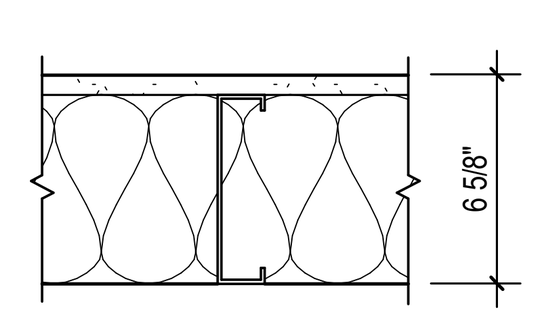
- 3 5/8" METAL STUDS @ 16" O.C. WITH SOUND ATTENUATION BLANKETS.
- 2 LAYERS 5/8" GYPSUM WALL BOARD ON 1 SIDE OF STUD, TAPED AND FINISHED.

W5



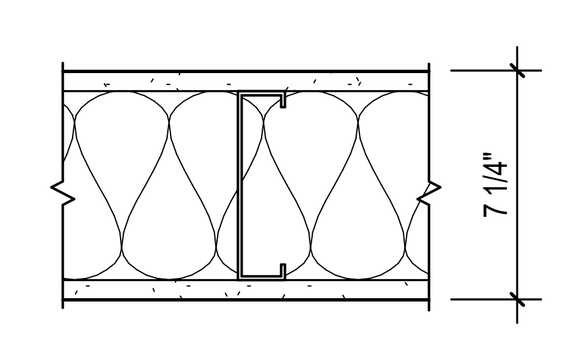
- 3 5/8" METAL STUDS @ 16" O.C. WITH SOUND ATTENUATION BLANKETS.
- 5/8" GYPSUM WALL BOARD ON BOTH SIDES OF STUD, TAPED AND FINISHED.
- SECOND LAYER 5/8" GYPSUM WALL BOARD ON 1 SIDE OF STUD, TAPED AND FINISHED.

W6



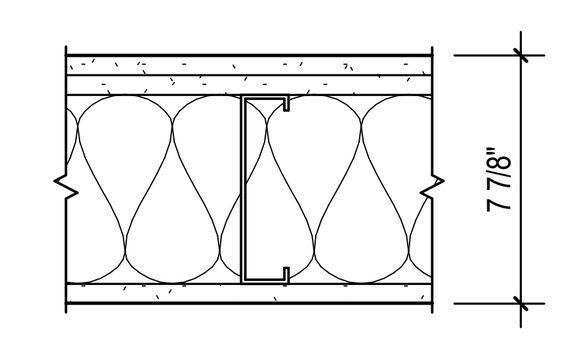
- 6" METAL STUDS @ 16" O.C. WITH SOUND ATTENUATION BLANKETS.
- 5/8" GYPSUM WALL BOARD 1 SIDE OF STUD, TAPED AND FINISHED.

W7



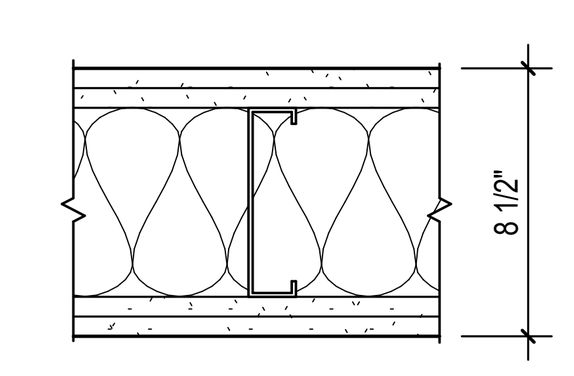
- 6" METAL STUDS @ 16" O.C. WITH SOUND ATTENUATION BLANKETS.
- 5/8" GYPSUM WALL BOARD BOTH SIDES OF STUD, TAPED AND FINISHED.

W8



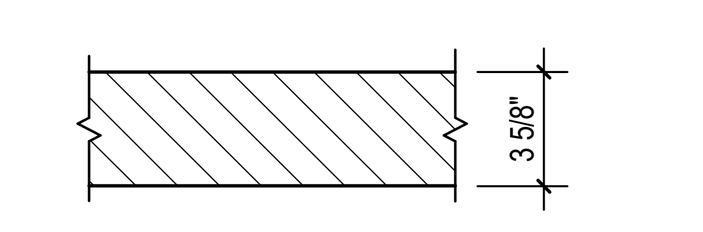
- 6" METAL STUDS @ 16" O.C. WITH SOUND ATTENUATION BLANKETS.
- 5/8" GYPSUM WALL BOARD BOTH SIDES OF STUD, TAPED AND FINISHED.
- SECOND LAYER 5/8" GYPSUM WALL BOARD ON 1 SIDE OF STUD, TAPED AND FINISHED.

W9



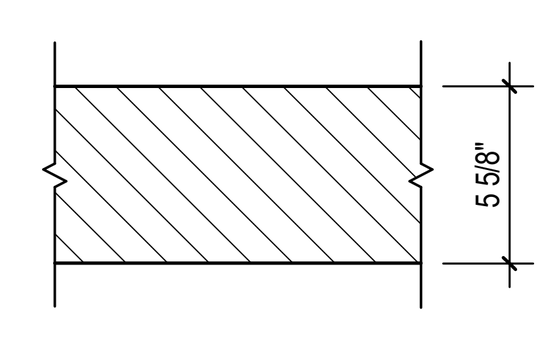
- 6" METAL STUDS @ 16" O.C. WITH SOUND ATTENUATION BLANKETS.
- 5/8" GYPSUM WALL BOARD BOTH SIDES OF STUD, TAPED AND FINISHED.
- SECOND LAYER 5/8" GYPSUM WALL BOARD ON BOTH SIDES OF STUD, TAPED AND FINISHED.

W10



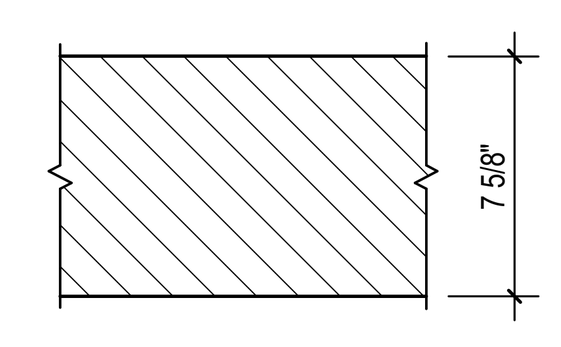
- 3 5/8" CONCRETE MASONRY UNIT

W11



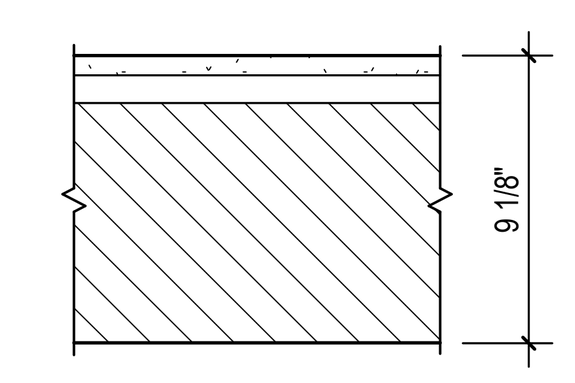
- 5 5/8" CONCRETE MASONRY UNIT

W12



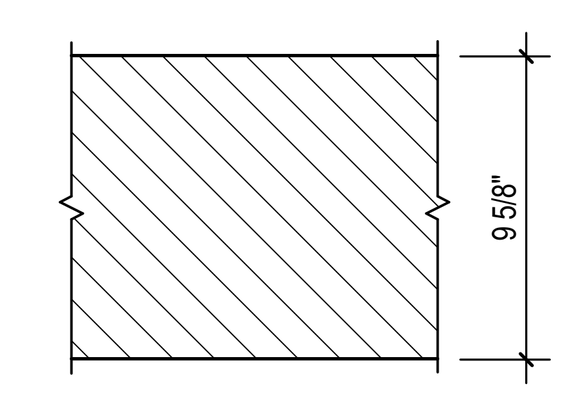
- 7 5/8" CONCRETE MASONRY UNIT

W13



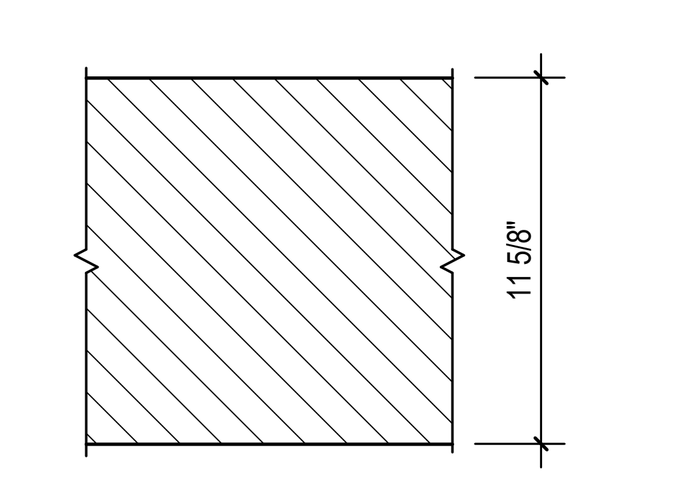
- 7 5/8" CONCRETE MASONRY UNIT.
- 7/8" METAL FURRING CHANNELS @ 16" O.C. MAX.
- 5/8" GYPSUM WALL BOARD, TAPED AND FINISHED.

W14



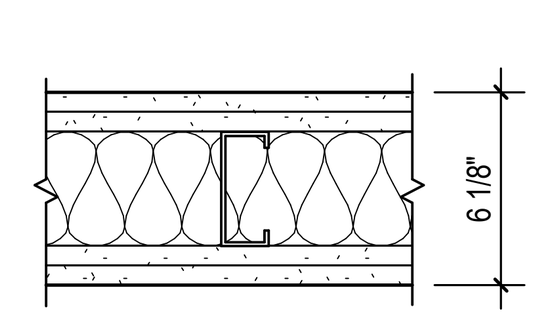
- 9 5/8" CONCRETE MASONRY UNIT

W15



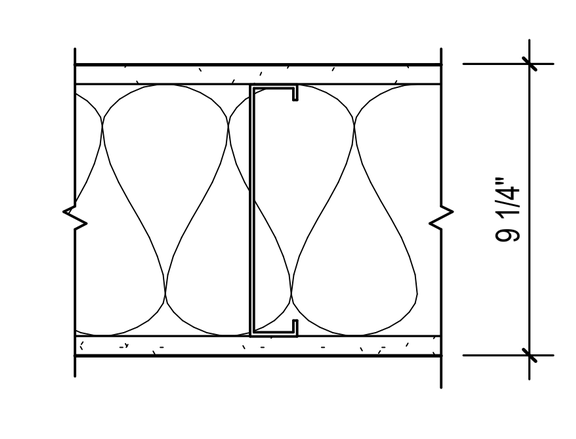
- 11 5/8" CONCRETE MASONRY UNIT

W16



- 3 5/8" METAL STUDS @ 16" O.C. WITH SOUND ATTENUATION BLANKETS.
- 5/8" GYPSUM WALL BOARD BOTH SIDES OF STUD, TAPED AND FINISHED.
- SECOND LAYER 5/8" GYPSUM WALL BOARD ON BOTH SIDES OF STUD, TAPED AND FINISHED.

W17



- 8" METAL STUDS @ 16" O.C. WITH SOUND ATTENUATION BLANKETS.
- 5/8" GYPSUM WALL BOARD BOTH SIDES OF STUD, TAPED AND FINISHED.

GENERAL NOTES

A. COORDINATE THE WORK OF EACH TRADE WITH THE WORK OF OTHER TRADES.
B. ALL WORK IS TO BE COMPLETED IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, RULES, REGULATIONS AND STANDARDS INCLUDING, BUT NOT LIMITED TO THOSE LISTED ON THE COVER SHEET. ALL APPLICABLE RULES & REGULATIONS ARE TO BE THE MOST CURRENT ADOPTED EDITIONS.
C. FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO THE COMMENCEMENT OF WORK. DISCREPANCIES BETWEEN THE DOCUMENTS AND THE ACTUAL CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE COMMENCEMENT OF WORK.
D. ALL DIMENSIONS ARE FROM CENTERLINE OF STRUCTURE, FINISH FACE OF WALL, FACE OF MASONRY, OR FACE OF EXISTING.
E. ANY DIMENSIONS NOT SHOWN OR DEEMED QUESTIONABLE ARE TO BE VERIFIED BY ARCHITECT. DO NOT SCALE DRAWINGS.
F. REFER TO WALL TYPE SCHEDULE, SHEET A200, TO DETERMINE WHICH WALLS EXTEND TO DECK. SEE STRUCTURAL FOR TOP SUPPORT DETAIL. WHERE METAL STUDS EXTEND TO DECK, PROVIDE SLIP CONNECTIONS FOR ROOF/ FLOOR DEFLECTION.
G. ALL STEEL STUDS ARE TO BE BRACED ACCORDING TO MANUFACTURER LIMIT HEIGHT (L/240).
H. WHERE INSULATED OR SOUND WALLS EXTEND TO DECK, FILL DECK FLUTES WITH INSULATION/ SOUND ATTENUATION.
I. REFER TO PLUMBING PLANS FOR LOCATION OF FLOOR DRAINS.
J. WHERE ACCESS PANELS ARE SHOWN IN TOILET ROOM CHASES, FINAL LOCATION SHALL BE COORDINATED WITH OTHER TRADES PRIOR TO INSTALLATION.
K. ALL CONCRETE MASONRY UNITS (CMU) SHALL BE LAID RUNNING BOND U.N.O. CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.
L. ALL INTERIOR MASONRY WALLS THAT RUN TO UNDERSIDE OF DECK ABOVE SHALL HAVE A 2" JOINT (U.N.O.) AT THE DECK TO BE FILLED WITH FIRE STOPPING AT RATED WALLS PER PROJECT MANUAL, AND MINERAL WOOL AT THE NON-RATED WALLS TO ALLOW FOR DEFLECTION.
M. THERE SHALL BE PERIMETER INSULATION CONTINUOUS AROUND THE ENTIRE PERIMETER OF THE BUILDING EXTENDING 2'-0" MINIMUM (R-15 MIN.) HORIZONTAL.
N. PROVIDE MISCELLANEOUS SUPPORT FOR ALL CEILING SUSPENDED ITEMS.
O. DOOR AND FRAME NUMBERS CORRESPOND TO ROOM NUMBERS. WHERE MORE THAN ONE DOOR OCCURS IN A ROOM, A SUFFIX HAS BEEN ADDED (E.G. A100-1). SEE A500 SERIES DRAWINGS FOR DOOR SCHEDULE AND DETAILS.
P. ALL DOOR FRAMES SHALL BE LOCATED 4" OFF FINISH WALLS OR 4" OFF MASONRY WALLS UNLESS NOTED OTHERWISE.
Q. ALL GLASS AT INTERIOR DOOR FRAMES, DOOR LITES AND BORROW LITE FRAMES AS SHOWN ON THE DOOR SCHEDULE AND OR FRAME ELEVATIONS, SEE GLAZING SCHEDULE A500 SERIES DWGS.
R. AT BUILDING EXPANSION JOINTS, ALL PARTITIONS, CEILINGS, FLOORS AND ALL WALL, FLOOR OR CEILNG MOUNTED ITEMS SHALL BE ANCHORED TO THE BUILDING STRUCTURE ON ONLY ONE SIDE OF THE EXPANSIONS JOINTS. CONTRACTOR SHALL COORDINATE CONSTRUCTION OR INSTALLATION OF ALL ITEMS NOTED TO ASSURE THAT NO SUCH ITEMS BRIDGE ACCROSS THE EXPANSION JOINT.
S. ALL SLAB-ON-GRADE CONTROL JOINTS TO BE CLEANED AND CAULKED PRIOR TO PLACEMENT OF FLOOR FINISH.
T. SEE REFLECTED CEILING PLANS FOR BULKHEAD LOCATIONS AND DETAILS.
U. REFER TO MECHANICAL DRAWINGS FOR WALL LOUVER LOCATIONS, SIZES AND QUANTITIES.
V. SEE A800 SERIES DRAWINGS FOR FINISH SCHEDULE AND PLANS.
W. SEE A900 SERIES DRAWINGS FOR EQUIPMENT SCHEDULE AND PLANS. PROVIDE BLOCKING IN STUD WALLS AND/OR GROUTED MASONRY CORES AS REQUIRED TO SUPPORT EQUIPMENT.
X. PROVIDE FIRE RESISTANT TREATED WOOD BLOCKING SUPPORTS AS REQUIRED FOR ALL SURFACE MOUNTED ITEMS.
Y. WHERE DISIMILAR FLOOR MATERIALS MEET, THEY SHALL DO SO UNDER THE CENTERLINE OF THE DOOR UNLESS NOTED OTHERWISE.
Z. APPLY SEALANT AT ALL JUNCTURES BETWEEN DIFFERENT MATERIALS (E.G. MASONRY TO GYPSUM WALL BOARD) UTILIZING THE APPROPRIATE TYPE PER SPECIFICATIONS. COLOR TO BE SELECTED BY ARCHITECT.
AA. APPLY SEALANT AT ALL COUNTERTOPS AND BLACKSPLASHES AT JUNCTURE WITH WALL.
BB. ALL DOORS MUST BE INSTALLED WITH AT LEAST THE MINIMUM MANEUVERING CLEARANCE AT THE DOOR APPROACH PER THE MOST CURRENT AMERICANS WITH DISABILITIES ACT.
CC. BASE FLOOR ELEVATION INDICATED FOR THIS PROJECT IS 924'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

WALL TYPE NOTES

1. SEE SPECIFICATIONS FOR GYPSUM WALL BOARD TYPE FOR EACH APPLICATION.
2. FOR METAL STUD CONSTRUCTION AT CONVENTIONAL FRAMING, EXTEND METAL STUDS TO BOTTOM OF METAL DECK AND GYPSUM WALL BOARD TO 1" BELOW METAL DECK.
3. METAL STUD WALLS WITH A " * " SYMBOL FOLLOWING THE WALL TYPE SHALL HAVE FULL THICKNESS SOUND ATTENUATION BLANKETS.
4. PROVIDE MOLD & MILDEW RESISTANT GYPSUM WALL BOARD AT EXTERIOR WALL LOCATIONS AND AT ALL WET AREA WALLS NOT RECEIVING WALL TILE.
5. PROVIDE GLASS-MAT WATER RESISTANT BACKER BOARD IN LIEU OF GYPSUM WALL BOARD WHERE WALL TILE IS SPECIFIED. SEE A800 SERIES FINISH PLANS FOR LOCATIONS AND HEIGHTS. IF WALL TILE HEIGHT IS NOT FULL HEIGHT A.F.F., PROVIDE MOLD & MILDEW RESISTANT GYPSUM WALL BOARD ABOVE TOP OF WALL TILE HEIGHT.
6. WALL TYPES ARE ASSUMED TO BE CONTINUOUS WITHIN THE SAME PLANE OR SURFACE UNTIL ANOTHER TAG IS SHOWN.
7. IF A MASONRY WALL TYPE SYMBOL IS FOLLOWED BY A "+" SYMBOL, THEN THE MASONRY WALL SHOULD HAVE HORIZONTAL JOINT REINFORCEMENT @ 16" VERTICALLY, AND GROUT FILL ALL CORES COMPLETELY, SEE DETAILS 1-6 ON THIS SHEET FOR TOP OF WALL CONDITIONS. PROVIDE APPROPRIATE DETAIL AS REQUIRED TO ENSURE INSULATION.
8. PROVIDE IMPACT RESISTANT GYPSUM WALL BOARD FROM BOTTOM OF FLOOR UP TO A MINIMUM OF 8'-0" IN ALL CORRIDORS, COMMONS, APPLIED ACADEMICS LABS, LIFE SKILLS LABS, AND SENSORY ROOMS, UNLESS SPECIFICALLY NOTED OTHERWISE.

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

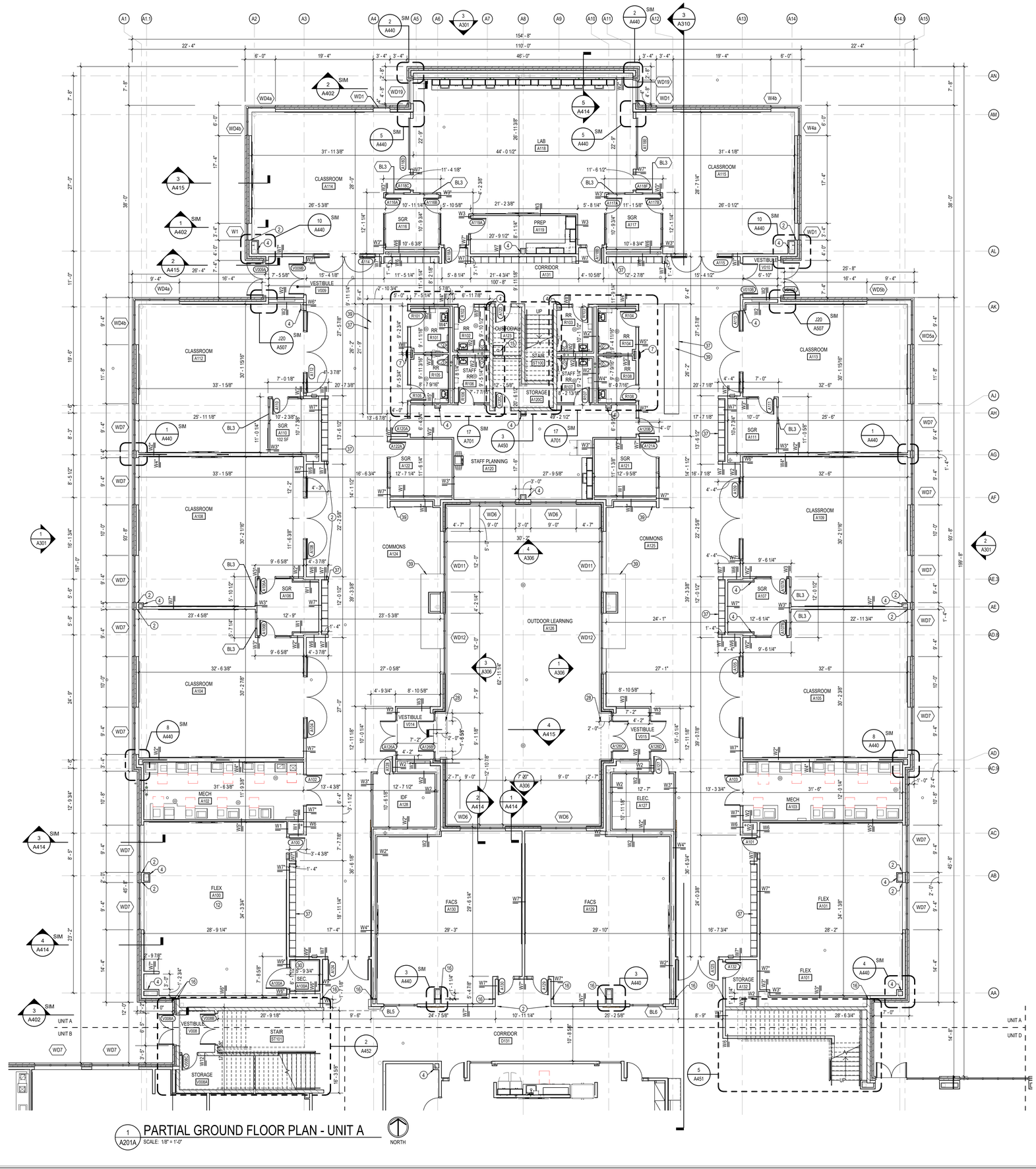
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
WALL TYPES/GENERAL NOTES

CERTIFIED BY:
BRENTON C. HITE REGISTERED No. AR11700184 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
A200

PROJECT NUMBER
2023061



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L. ALL INTERIOR MASONRY WALLS THAT RUN TO UNDERSIDE OF DECK ABOVE SHALL HAVE A 2" JOINT (U.N.O.) AT THE DECK TO BE FILLED WITH FIRE STOPPING AT RATED WALLS PER PROJECT MANUAL, AND MINERAL WOOL AT THE NON-RATED WALLS TO ALLOW FOR DEFLECTION.
M. THERE SHALL BE PERIMETER INSULATION CONTINUOUS AROUND THE ENTIRE PERIMETER OF THE BUILDING EXTENDING 2'-0" MINIMUM (R-15 MIN.) HORIZONTAL.
N. PROVIDE MISCELLANEOUS SUPPORT FOR ALL CEILING SUSPENDED ITEMS.
O. DOOR AND FRAME NUMBERS CORRESPOND TO ROOM NUMBERS. WHERE MORE THAN ONE DOOR OCCURS IN A ROOM, A SUFFIX HAS BEEN ADDED (E.G. A100-1). SEE A500 SERIES DRAWINGS FOR DOOR SCHEDULE AND DETAILS.
P. ALL DOOR FRAMES SHALL BE LOCATED 4" OFF FINISH WALLS OR 4" OFF MASONRY WALLS UNLESS NOTED OTHERWISE.
Q. ALL GLASS AT INTERIOR DOOR FRAMES, DOOR LITES AND BORROW LITE FRAMES AS SHOWN ON THE DOOR SCHEDULE AND OR FRAME ELEVATIONS, SEE GLAZING SCHEDULE A500 SERIES DWGS.
R. AT BUILDING EXPANSION JOINTS, ALL PARTITIONS, CEILINGS, FLOORS AND ALL WALL, FLOOR OR CEILING MOUNTED ITEMS SHALL BE ANCHORED TO THE BUILDING STRUCTURE ON ONLY ONE SIDE OF THE EXPANSIONS JOINTS. CONTRACTOR SHALL COORDINATE CONSTRUCTION OR INSTALLATION OF ALL ITEMS NOTED TO ASSURE THAT NO SUCH ITEMS BRIDGE ACCROSS THE EXPANSION JOINT.
S. ALL SLAB-ON-GRADE CONTROL JOINTS TO BE CLEANED AND CAULKED PRIOR TO PLACEMENT OF FLOOR FINISH.
T. SEE REFLECTED CEILING PLANS FOR BULKHEAD LOCATIONS AND DETAILS.
U. REFER TO MECHANICAL DRAWINGS FOR WALL LOUVER LOCATIONS, SIZES AND QUANTITIES.
V. SEE A900 SERIES DRAWINGS FOR FINISH SCHEDULE AND PLANS.
W. SEE A900 SERIES DRAWINGS FOR EQUIPMENT SCHEDULE AND PLANS. PROVIDE BLOCKING IN STUD WALLS AND/OR GROUTED MASONRY CORES AS REQUIRED TO SUPPORT EQUIPMENT.
X. PROVIDE FIRE RESISTANT TREATED WOOD BLOCKING SUPPORTS AS REQUIRED FOR ALL SURFACE MOUNTED ITEMS.
Y. WHERE DISIMILAR FLOOR MATERIALS MEET, THEY SHALL DO SO UNDER THE CENTERLINE OF THE DOOR UNLESS NOTED OTHERWISE.
Z. APPLY SEALANT AT ALL JUNCTURES BETWEEN DIFFERENT MATERIALS (E.G. MASONRY TO GYPSUM WALL BOARD) UTILIZING THE APPROPRIATE TYPE PER SPECIFICATIONS. COLOR TO BE SELECTED BY ARCHITECT.
AA. APPLY SEALANT AT ALL COUNTERTOPS AND BLACKSPLASHES AT JUNCTURE WITH WALL.
BB. ALL DOORS MUST BE INSTALLED WITH AT LEAST THE MINIMUM MANEUVERING CLEARANCE AT THE DOOR APPROACH PER THE MOST CURRENT AMERICANS WITH DISABILITIES ACT.
CC. BASE FLOOR ELEVATION INDICATED FOR THIS PROJECT IS 924'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

PLAN NOTES

1 CMU LINTEL ABOVE PANEL BOARDS, COORDINATE WITH ELECTRICAL.
2 ALIGN FINISH FACES
3 OPEN TO BELOW
4 CONSTRUCT COLUMN WRAP/FURRED CAVITY WITH WALL TYPE W1# CONSTRUCTION AS TIGHT AS POSSIBLE TO COLUMN.
5 CONSTRUCT COLUMN WRAP/FURRED CAVITY WITH WALL TYPE W10# CONSTRUCTION AS TIGHT AS POSSIBLE TO COLUMN.
6 ELECTRIC - HI-LO ADA TYPE WITH BOTTLE FILLER
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8 GALVANIZED POWDER COATED METAL SWING GATES
9 THIS FLOOR TO SLOPE UPWARDS AT A MAXIMUM OF 4%, FROM FIRST FLOOR LEVEL (0'-0") TO PLATFORM LEVEL (2'-0")
10 DIFFUSER BLOCK LOCATIONS, COORDINATE HEIGHT WITH INTERIOR ELEVATIONS.
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12 ALL WALLS TO RECEIVE IMPACT RESISTANT GYPSUM WALL BOARD.
13 ALL PERIMETER WALLS OF ROOM SHALL EXTEND TO DECK, AND BE SEALED ACCORDING TO THE ACOUSTICAL INSULATION DETAILS AS SHOWN ON A200. GROUT FILL ALL WALLS, TYPICAL.
14 PRACTICE ROOM TO HAVE FLOOR TO CEILING ACOUSTICAL WALL PADS AROUND ENTIRE PERIMETER OF THE ROOM. SEE DETAIL FOR MORE INFORMATION.
15 MOP SINK, SEE A800 SERIES FOR WALL FINISH.
16 EXPANSION JOINT, SEE 07 95 13
17 LEVEL 5 FINISH FOR GRAPHICAL WALL COVERING
25 8" CMU WALL AT FOOD SERVICE EQUIPMENT, +4'H. WITH STAINLESS STEEL TOP CAP. LOCATE PER FEC DRAWINGS
26 SIDEWALK AT LOADING DOCK, WITH 1 1/2" OD GALVANIZED STEEL GUARDRAIL, PITCH WALK DOWN TO THE NORTH AT 1%
27 PROVIDE FULLY RECESSED KNOX BOX, AS DIRECTED BY AHJ.
28 LINE OF SECOND FLOOR ABOVE
29 THIS WALL IS CANTILEVERED FROM THE FLOOR SLAB TO HONOR THE BUILDING EXPANSION JOINT. DO NOT ATTACH THIS LENGTH OF WALL TO THE STRUCTURE ABOVE. CUE CLARK DIETRICH PW60 PONY WALL HEAVY SUPPORT POSTS IN THE WALL TO SUPPORT CANTILEVERED PARTITION. COORDINATE WITH PLUMBING.
30 ALL WALLS AND DOOR TO RECEIVE WALL PADDING PER 11 66 26 FROM +4" ABOVE FLOOR TO BOTTOM OF CEILING. COORDINATE WALL SUBSTRATE, PROVIDE 5/8" FIRE TREATED PLYWOOD IN LIEU OF GYPSUM WALL BOARD.
31 LOW WALL, STAINLESS STEEL COUNTER AND MIRROR, DETAIL PER SECTION ON A700 SERIES DRAWINGS
32 SEE WALL SECTION 2/A406 FOR SILL DETAIL
33 STEEL PLATE, SEE SPEC 05 50 00
34 DISPLAY CASE
35 MILLWORK, SEE SHEET A623
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37 LOCKERS SEE 4/A624
38 ANGLED SHELF
39 MILLWORK, SEE EQUIPMENT PLANS AND DETAILS, A900 SERIES
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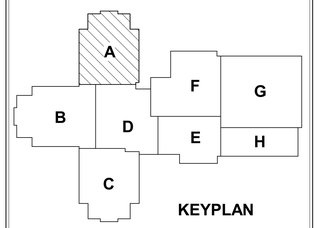
41 4" x 6" MECHANICAL CURB AROUND ENTIRE PERIMETER OF EQUIPMENT, COORDINATE WITH MEP DRAWINGS



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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the performance criteria required of the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
Where work is not specifically scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
PARTIAL GROUND FLOOR PLAN - UNIT A

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A201A

PROJECT NUMBER
2023061

1 PARTIAL GROUND FLOOR PLAN - UNIT B

1 A201B SCALE: 1/8" = 1'-0"

NORTH

GENERAL NOTES

A. COORDINATE THE WORK OF EACH TRADE WITH THE WORK OF OTHER TRADES.
B. ALL WORK IS TO BE COMPLETED IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, RULES, REGULATIONS AND STANDARDS INCLUDING, BUT NOT LIMITED TO THOSE LISTED ON THE COVER SHEET. ALL APPLICABLE RULES & REGULATIONS ARE TO BE THE MOST CURRENT ADOPTED EDITIONS.
C. FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO THE COMMENCEMENT OF WORK. DISCREPANCIES BETWEEN THE DOCUMENTS AND THE ACTUAL CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE COMMENCEMENT OF WORK.
D. ALL DIMENSIONS ARE FROM CENTERLINE OF STRUCTURE, FINISH FACE OF WALL, FACE OF MASONRY, OR FACE OF EXISTING.
E. ANY DIMENSIONS NOT SHOWN OR DEEMED QUESTIONABLE ARE TO BE VERIFIED BY ARCHITECT. DO NOT SCALE DRAWINGS.
F. REFER TO WALL TYPE SCHEDULE, SHEET A200, TO DETERMINE WHICH WALLS EXTEND TO DECK. SEE STRUCTURAL FOR TOP SUPPORT DETAIL. WHERE METAL STUDS EXTEND TO DECK, PROVIDE SLIP CONNECTIONS FOR ROOF/ FLOOR DEFLECTION.
G. ALL STEEL STUDS ARE TO BE BRACED ACCORDING TO MANUFACTURER LIMIT HEIGHT (LOAD).
H. WHERE INSULATED OR SOUND WALLS EXTEND TO DECK, FILL DECK FLUTES WITH INSULATION/ SOUND ATTENUATION.
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J. WHERE ACCESS PANELS ARE SHOWN IN TOILET ROOM CHASES, FINAL LOCATION SHALL BE COORDINATED WITH OTHER TRADES PRIOR TO INSTALLATION.
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36 GUARDRAIL
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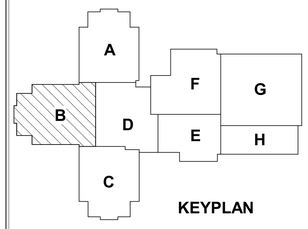

KEYPLAN

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. The drawings are not intended to completely describe all work required for full performance and completion of the requirements of the Contract.
The Trade Contractor shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
PARTIAL GROUND FLOOR PLAN - UNIT B

CERTIFIED BY:
BRENDON C. HIRT
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A201B

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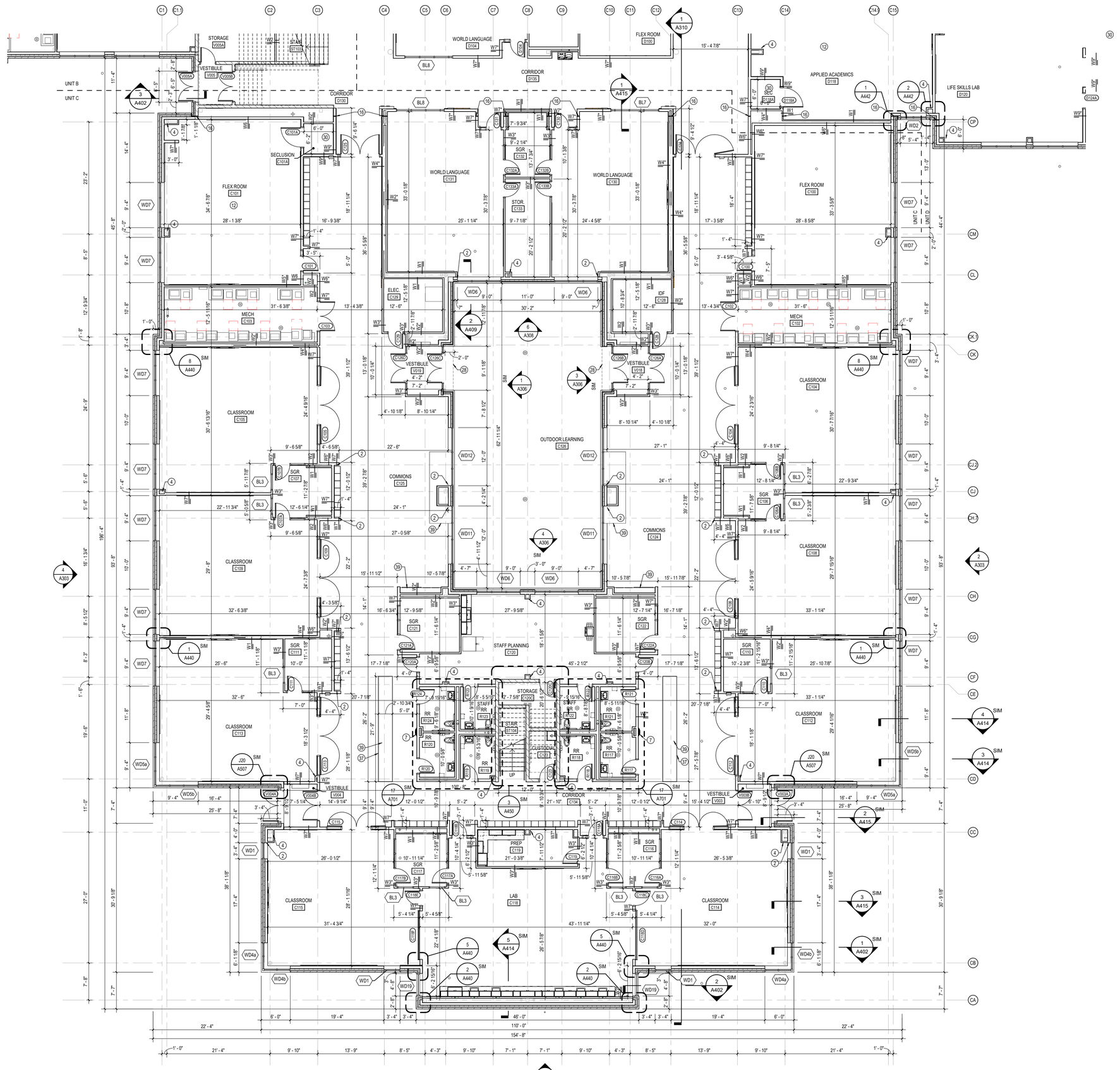

1 A201C PARTIAL GROUND FLOOR PLAN - UNIT C

SCALE: 1/8" = 1'-0"

NORTH

GENERAL NOTES

A. COORDINATE THE WORK OF EACH TRADE WITH THE WORK OF OTHER TRADES.

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G. ALL STEEL STUDS ARE TO BE BRACED ACCORDING TO MANUFACTURER LIMIT HEIGHT (LDM).

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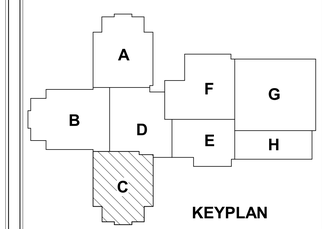
41. 4" x 6" MECHANICAL CURB AROUND ENTIRE PERIMETER OF EQUIPMENT, COORDINATE WITH MEP DRAWINGS



KEYPLAN

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the general requirements of the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
In addition to the architectural scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

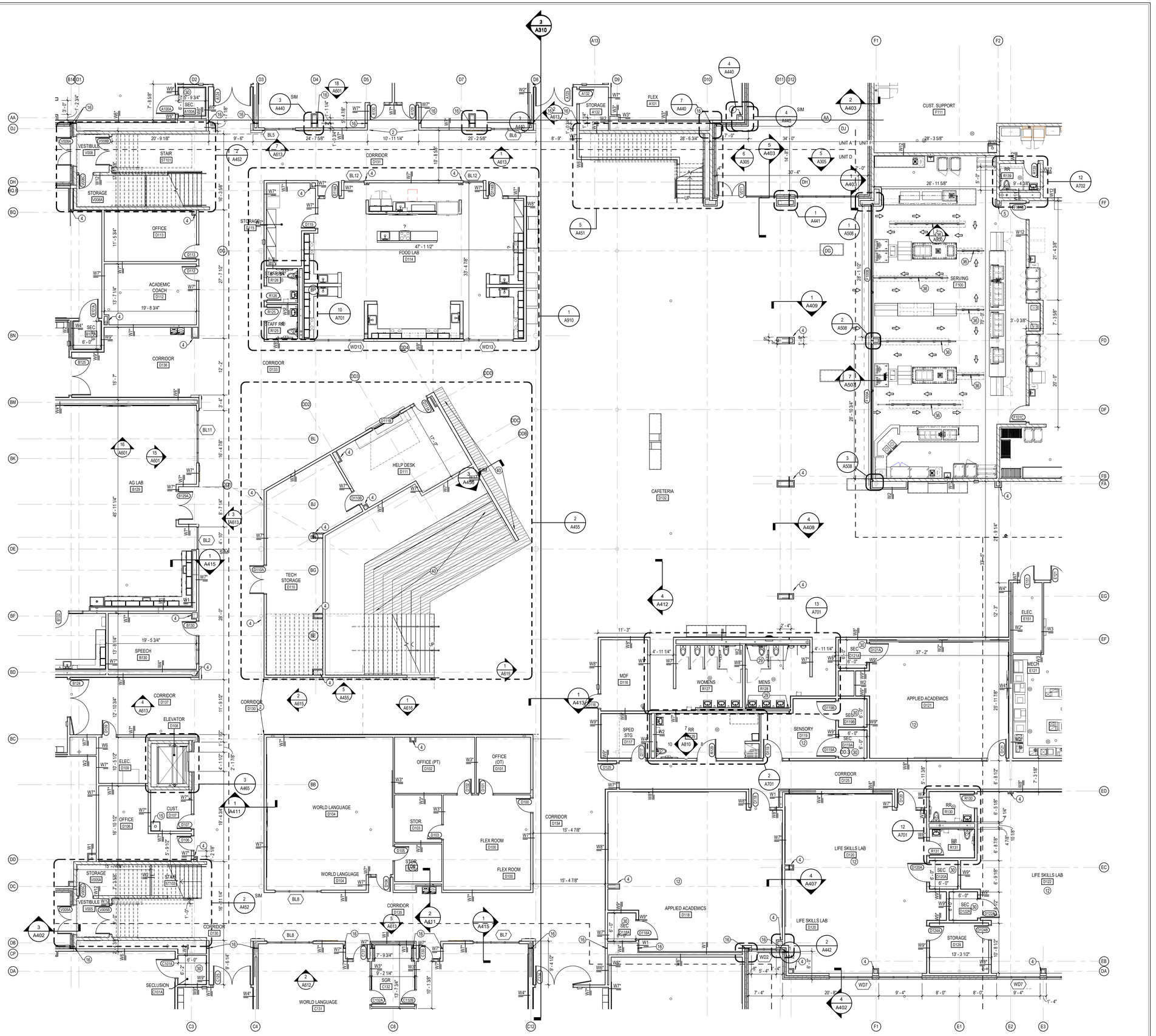
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
PARTIAL GROUND FLOOR PLAN - UNIT C

CERTIFIED BY:
BRENTON C. LITZ
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A201C

PROJECT NUMBER
2023061



1 A201D PARTIAL GROUND FLOOR PLAN - UNIT D
SCALE: 1/8" = 1'-0"

GENERAL NOTES

A. COORDINATE THE WORK OF EACH TRADE WITH THE WORK OF OTHER TRADES.
B. ALL WORK IS TO BE COMPLETED IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, RULES, REGULATIONS AND STANDARDS INCLUDING, BUT NOT LIMITED TO THOSE LISTED ON THE COVER SHEET. ALL APPLICABLE RULES & REGULATIONS ARE TO BE THE MOST CURRENT ADOPTED EDITIONS.
C. FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO THE COMMENCEMENT OF WORK. DISCREPANCIES BETWEEN THE DOCUMENTS AND THE ACTUAL CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE COMMENCEMENT OF WORK.
D. ALL DIMENSIONS ARE FROM CENTERLINE OF STRUCTURE, FINISH FACE OF WALL, FACE OF MASONRY, OR FACE OF EXISTING.
E. ANY DIMENSIONS NOT SHOWN OR DEEMED QUESTIONABLE ARE TO BE VERIFIED BY ARCHITECT. DO NOT SCALE DRAWINGS.
F. REFER TO WALL TYPE SCHEDULE, SHEET A200, TO DETERMINE WHICH WALLS EXTEND TO DECK. SEE STRUCTURAL FOR TOP SUPPORT DETAIL. WHERE METAL STUDS EXTEND TO DECK, PROVIDE SLIP CONNECTIONS FOR ROOF/ FLOOR DEFLECTION.
G. ALL STEEL STUDS ARE TO BE BRACED ACCORDING TO MANUFACTURER LIMIT HEIGHT (L/240).
H. WHERE INSULATED OR SOUND WALLS EXTEND TO DECK, FILL DECK FLUTES WITH INSULATION/ SOUND ATTENUATION.
I. REFER TO PLUMBING PLANS FOR LOCATION OF FLOOR DRAINS.
J. WHERE ACCESS PANELS ARE SHOWN IN TOILET ROOM CHASES, FINAL LOCATION SHALL BE COORDINATED WITH OTHER TRADES PRIOR TO INSTALLATION.
K. ALL CONCRETE MASONRY UNITS (CMU) SHALL BE LAID RUNNING BOND U.N.O. CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.
L. ALL INTERIOR MASONRY WALLS THAT RUN TO UNDERSIDE OF DECK ABOVE SHALL HAVE A 2" JOINT (U.N.O.) AT THE DECK TO BE FILLED WITH FIRE STOPPING AT RATED WALLS PER PROJECT MANUAL, AND MINERAL WOOL AT THE NON-RATED WALLS TO ALLOW FOR DEFLECTION.
M. THERE SHALL BE PERIMETER INSULATION CONTINUOUS AROUND THE ENTIRE PERIMETER OF THE BUILDING EXTENDING 2'-0" MINIMUM (R-15 MIN.) HORIZONTAL.
N. PROVIDE MISCELLANEOUS SUPPORT FOR ALL CEILING SUSPENDED ITEMS.
O. DOOR AND FRAME NUMBERS CORRESPOND TO ROOM NUMBERS. WHERE MORE THAN ONE DOOR OCCURS IN A ROOM, A SUFFIX HAS BEEN ADDED (E.G. A100-1). SEE A500 SERIES DRAWINGS FOR DOOR SCHEDULE AND DETAILS.
P. ALL DOOR FRAMES SHALL BE LOCATED 4" OFF FINISH WALLS OR 4" OFF MASONRY WALLS UNLESS NOTED OTHERWISE.
Q. ALL GLASS AT INTERIOR DOOR FRAMES, DOOR LITES AND BORROW LITE FRAMES AS SHOWN ON THE DOOR SCHEDULE AND OR FRAME ELEVATIONS, SEE GLAZING SCHEDULE A500 SERIES DWGS.
R. AT BUILDING EXPANSION JOINTS, ALL PARTITIONS, CEILINGS, FLOORS AND ALL WALL, FLOOR OR CEILING MOUNTED ITEMS SHALL BE ANCHORED TO THE BUILDING STRUCTURE ON ONLY ONE SIDE OF THE EXPANSIONS JOINTS. CONTRACTOR SHALL COORDINATE CONSTRUCTION OR INSTALLATION OF ALL ITEMS NOTED TO ASSURE THAT NO SUCH ITEMS BRIDGE ACCROSS THE EXPANSION JOINT.
S. ALL SLAB-ON-GRADE CONTROL JOINTS TO BE CLEANED AND CAULKED PRIOR TO PLACEMENT OF FLOOR FINISH.
T. SEE REFLECTED CEILING PLANS FOR BULKHEAD LOCATIONS AND DETAILS.
U. REFER TO MECHANICAL DRAWINGS FOR WALL LOUVER LOCATIONS, SIZES AND QUANTITIES.
V. SEE A900 SERIES DRAWINGS FOR FINISH SCHEDULE AND PLANS.
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X. PROVIDE FIRE RESISTANT TREATED WOOD BLOCKING SUPPORTS AS REQUIRED FOR ALL SURFACE MOUNTED ITEMS.
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Z. APPLY SEALANT AT ALL JUNCTURES BETWEEN DIFFERENT MATERIALS (E.G. MASONRY TO GYPSUM WALL BOARD) UTILIZING THE APPROPRIATE TYPE PER SPECIFICATIONS. COLOR TO BE SELECTED BY ARCHITECT.
AA. APPLY SEALANT AT ALL COUNTERTOPS AND BLACKSPLASHES AT JUNCTURE WITH WALL.
BB. ALL DOORS MUST BE INSTALLED WITH AT LEAST THE MINIMUM MANEUVERING CLEARANCE AT THE DOOR APPROACH PER THE MOST CURRENT AMERICANS WITH DISABILITIES ACT.
CC. BASE FLOOR ELEVATION INDICATED FOR THIS PROJECT IS 924'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

PLAN NOTES

1 CMU LINTEL ABOVE PANEL BOARDS, COORDINATE WITH ELECTRICAL.
2 ALIGN FINISH FACES
3 OPEN TO BELOW
4 CONSTRUCT COLUMN WRAP/FURRED CAVITY WITH WALL TYPE W1# CONSTRUCTION AS TIGHT AS POSSIBLE TO COLUMN.
5 CONSTRUCT COLUMN WRAP/FURRED CAVITY WITH WALL TYPE W10# CONSTRUCTION AS TIGHT AS POSSIBLE TO COLUMN.
6 ELECTRIC - HI-LO ADA TYPE WITH BOTTLE FILLER
7 ELECTRIC WATER COOLER ADA TYPE WITH BOTTLE FILLER
8 GALVANIZED POWDER COATED METAL SWING GATES
9 THIS FLOOR TO SLOPE UPWARDS AT A MAXIMUM OF 4%, FROM FIRST FLOOR LEVEL (0'-0") TO PLATFORM LEVEL (2'-0")
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14 PRACTICE ROOM TO HAVE FLOOR TO CEILING ACOUSTICAL WALL PADS AROUND ENTIRE PERIMETER OF THE ROOM. SEE DETAIL FOR MORE INFORMATION.
15 MOP SINK, SEE A800 SERIES FOR WALL FINISH.
16 EXPANSION JOINT, SEE 07 95 13
17 LEVEL 5 FINISH FOR GRAPHICAL WALL COVERING
25 8" CMU WALL AT FOOD SERVICE EQUIPMENT, +4'H. WITH STAINLESS STEEL TOP CAP. LOCATE PER FEC DRAWINGS
26 SIDEWALK AT LOADING DOCK WITH 1 1/2" OD GALVANIZED STEEL GUARDRAIL, PITCH WALK DOWN TO THE NORTH AT 1%
27 PROVIDE FULLY RECESSED KNOX BOX, AS DIRECTED BY AHJ.
28 LINE OF SECOND FLOOR ABOVE
29 THIS WALL IS CANTILEVERED FROM THE FLOOR SLAB TO HONOR THE BUILDING EXPANSION JOINT, DO NOT ATTACH THIS LENGTH OF WALL TO THE STRUCTURE ABOVE, CUE CLARK DIETRICH PW60 PONY WALL HEAVY SUPPORT POSTS IN THE WALL TO SUPPORT CANTILEVERED PARTITION. COORDINATE WITH PLUMBING.
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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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Refer to the Specifications for scope indicated or described, the trade contractor shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

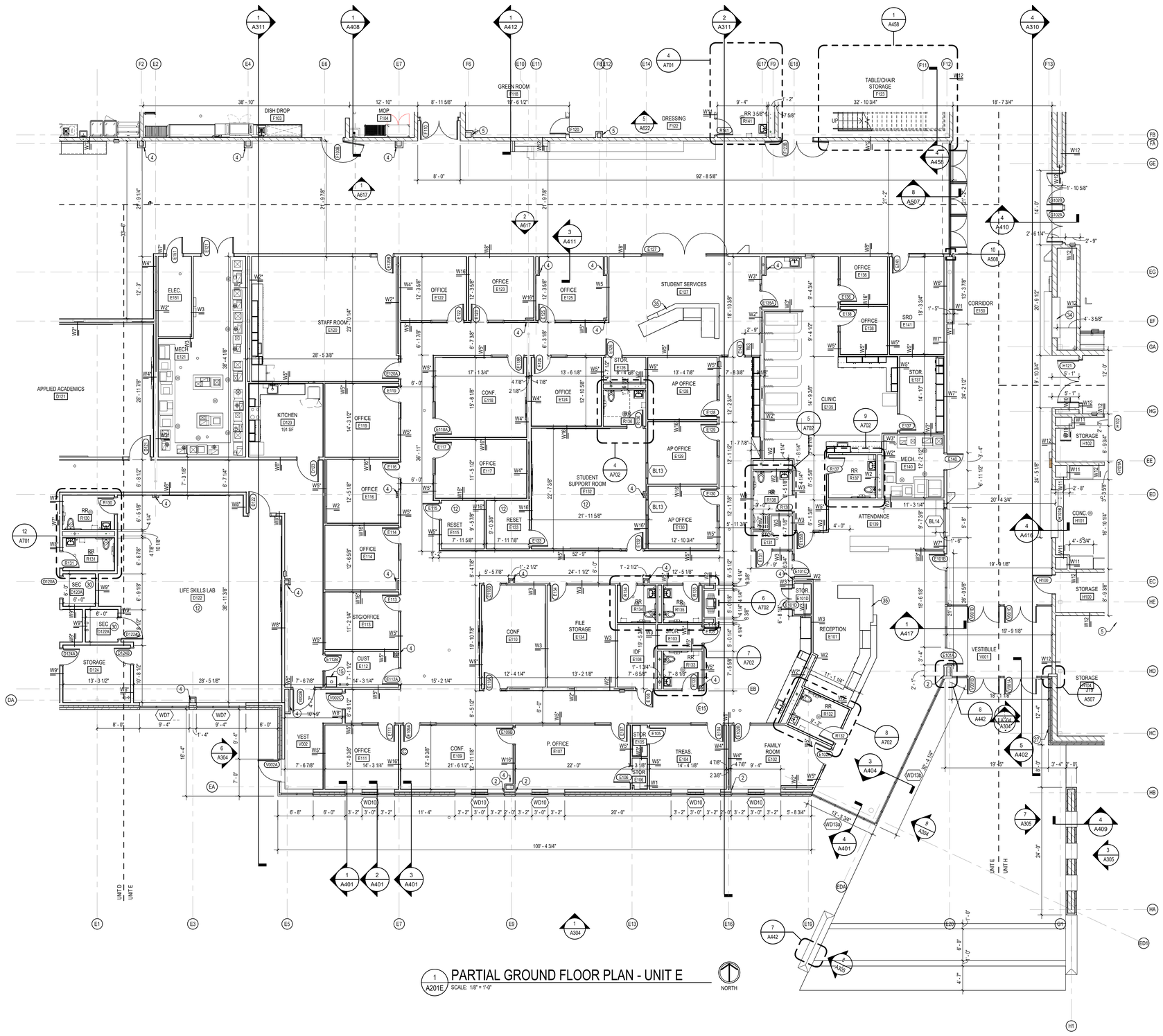
DRAWING TITLE:
PARTIAL GROUND FLOOR PLAN - UNIT D

CERTIFIED BY:
BRENTON C. HITCH
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

KEYPLAN

DRAWING NUMBER
A201D

PROJECT NUMBER
2023061



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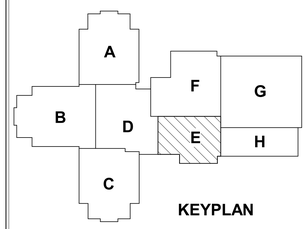

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PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

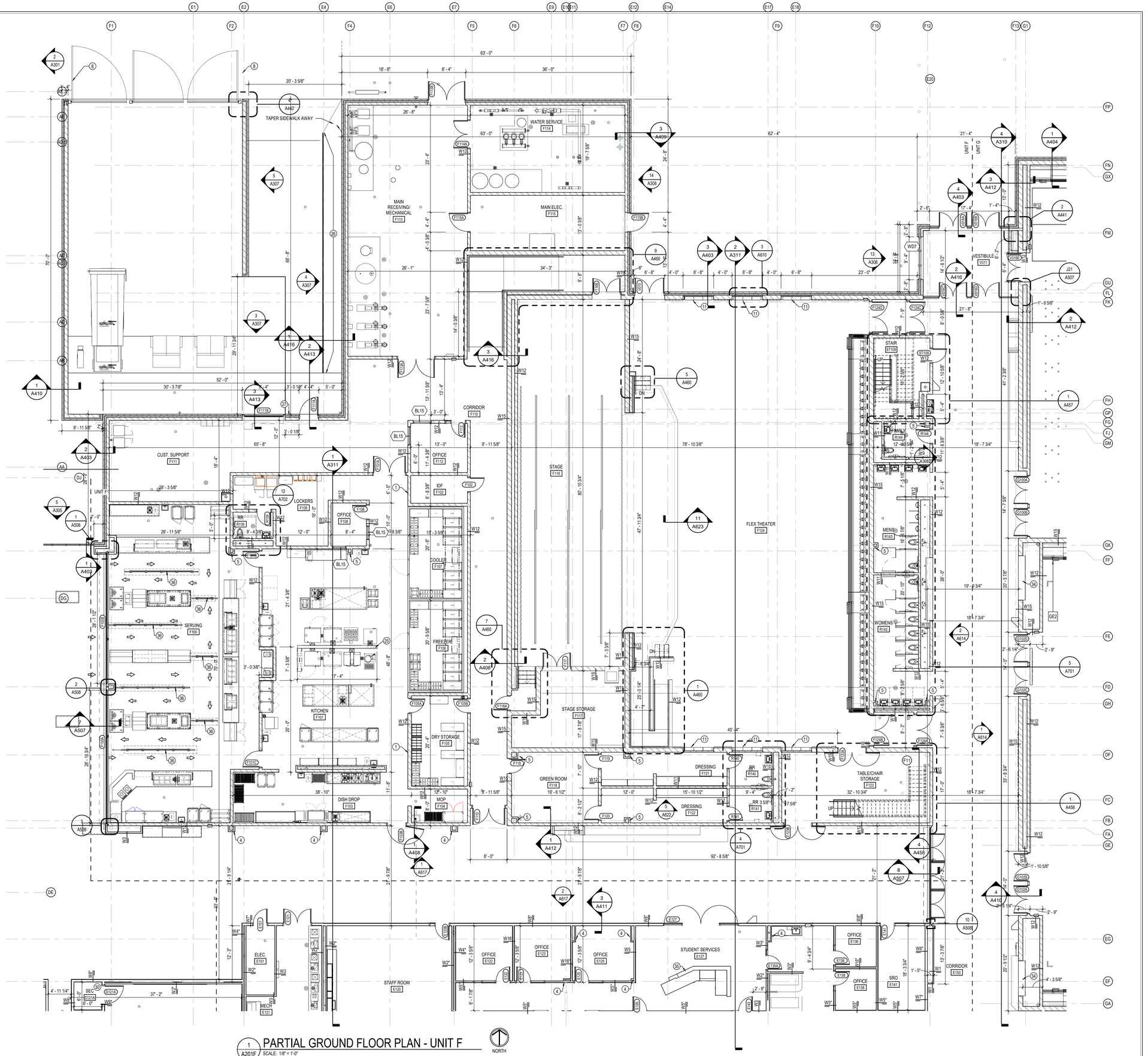
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
PARTIAL GROUND FLOOR PLAN - UNIT E

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A201E

PROJECT NUMBER
2023061



1 A201F PARTIAL GROUND FLOOR PLAN - UNIT F
SCALE: 1/8" = 1'-0"

NORTH

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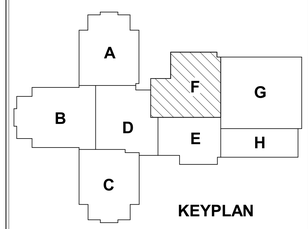
Z. APPLY SEALANT AT ALL JUNCTURES BETWEEN DIFFERENT MATERIALS (E.G. MASONRY TO GYPSUM WALL BOARD) UTILIZING THE APPROPRIATE TYPE PER SPECIFICATIONS. COLOR TO BE SELECTED BY ARCHITECT.
AA. APPLY SEALANT AT ALL COUNTERTOPS AND BLACKSPLASHES AT JUNCTURE WITH WALL.
BB. ALL DOORS MUST BE INSTALLED WITH AT LEAST THE MINIMUM MANEUVERING CLEARANCE AT THE DOOR APPROACH PER THE MOST CURRENT AMERICANS WITH DISABILITIES ACT.
CC. BASE FLOOR ELEVATION INDICATED FOR THIS PROJECT IS 924'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

PLAN NOTES

1 CMU LINTEL ABOVE PANEL BOARDS, COORDINATE WITH ELECTRICAL.
2 ALIGN FINISH FACES
3 OPEN TO BELOW
4 CONSTRUCT COLUMN WRAP/FURRED CAVITY WITH WALL TYPE W1# CONSTRUCTION AS TIGHT AS POSSIBLE TO COLUMN.
5 CONSTRUCT COLUMN WRAP/FURRED CAVITY WITH WALL TYPE W10# CONSTRUCTION AS TIGHT AS POSSIBLE TO COLUMN.
6 ELECTRIC - HI-LO ADA TYPE WITH BOTTLE FILLER
7 ELECTRIC WATER COOLER ADA TYPE WITH BOTTLE FILLER
8 GALVANIZED POWDER COATED METAL SWING GATES
9 THIS FLOOR TO SLOPE UPWARDS AT A MAXIMUM OF 4%, FROM FIRST FLOOR LEVEL (0'-0") TO PLATFORM LEVEL (2'-0")
10 DIFFUSER BLOCK LOCATIONS, COORDINATE HEIGHT WITH INTERIOR ELEVATIONS.
11 DIFFUSION BLOCK LOCATION, CONSTRUCTION AS TIGHT AS POSSIBLE TO COLUMN.
12 ALL WALLS TO RECEIVE IMPACT RESISTANT GYPSUM WALL BOARD.
13 ALL PERIMETER WALLS OF ROOM SHALL EXTEND TO DECK, AND BE SEALED ACCORDING TO THE ACOUSTICAL INSULATION DETAILS AS SHOWN ON A200. GROUT FILL ALL WALLS, TYPICAL.
14 PRACTICE ROOM TO HAVE FLOOR TO CEILING ACOUSTICAL WALL PADS AROUND ENTIRE PERIMETER OF THE ROOM. SEE DETAIL FOR MORE INFORMATION.
15 MOP SINK, SEE A800 SERIES FOR WALL FINISH.
16 EXPANSION JOINT, SEE 07 95 13
17 LEVEL 5 FINISH FOR GRAPHICAL WALL COVERING
25 8" CMU WALL AT FOOD SERVICE EQUIPMENT, +4'H, WITH STAINLESS STEEL TOP CAP. LOCATE PER FEC DRAWINGS
26 SIDEWALK AT LOADING DOCK, WITH 1 1/2" OD GALVANIZED STEEL GUARDRAIL, PITCH WALK DOWN TO THE NORTH AT 1%
27 PROVIDE FULLY RECESSED KNOX BOX, AS DIRECTED BY AHJ.
28 LINE OF SECOND FLOOR ABOVE
29 THIS WALL IS CANTILEVERED FROM THE FLOOR SLAB TO HONOR THE BUILDING EXPANSION JOINT, DO NOT ATTACH THIS LENGTH OF WALL TO THE STRUCTURE ABOVE. CUE CLARK DIETRICH PW60 PONY WALL HEAVY SUPPORT POSTS IN THE WALL TO SUPPORT CANTILEVERED PARTITION. COORDINATE WITH PLUMBING.
30 ALL WALLS AND DOOR TO RECEIVE WALL PADDING PER 11 66 26 FROM +4" ABOVE FLOOR TO BOTTOM OF CEILING. COORDINATE WALL SUBSTRATE, PROVIDE 5/8" FIRE TREATED PLYWOOD IN LIEU OF GYPSUM WALL BOARD.
31 LOW WALL, STAINLESS STEEL COUNTER AND MIRROR, DETAIL PER SECTION ON A700 SERIES DRAWINGS
32 SEE WALL SECTION 2/A406 FOR SILL DETAIL
33 STEEL PLATE, SEE SPEC 05 50 00
34 DISPLAY CASE
35 MILLWORK, SEE SHEET A623
36 GUARDRAIL
37 LOCKERS SEE 4/A624
38 ANGLED SHELF
39 MILLWORK, SEE EQUIPMENT PLANS AND DETAILS, A900 SERIES
40 SOLID WOOD TOPS ON CAST IN IN PLACE CONCRETE STAIRS, SEE 400 SERIES FOR MORE INFORMATION, FILL AND RUB EXPOSED CONCRETE SURFACES
41 4" x 6" MECHANICAL CURB AROUND ENTIRE PERIMETER OF EQUIPMENT, COORDINATE WITH MEP DRAWINGS



KEYPLAN

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
17707 CENTENNIAL RD, WESTFIELD, IN 46074

BID DOCUMENTS

SCOPE DRAWINGS:
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REVISIONS:

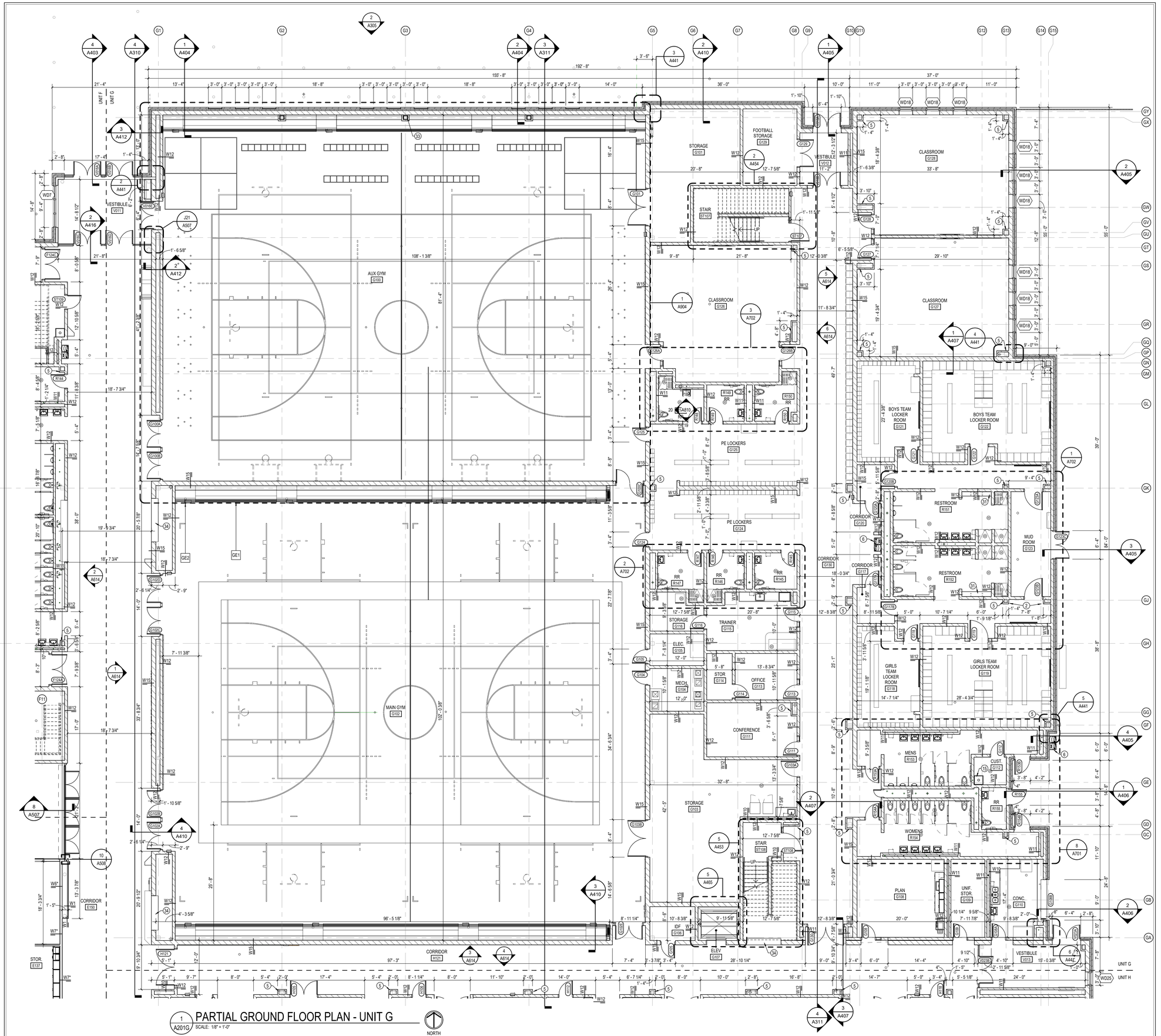
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
PARTIAL GROUND FLOOR PLAN - UNIT F

CERTIFIED BY:
BRENTON C. HIRT
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A201F

PROJECT NUMBER
2023061



1 A201G PARTIAL GROUND FLOOR PLAN - UNIT G
SCALE: 1/8" = 1'-0"

GENERAL NOTES

A. COORDINATE THE WORK OF EACH TRADE WITH THE WORK OF OTHER TRADES.
B. ALL WORK IS TO BE COMPLETED IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, RULES, REGULATIONS AND STANDARDS INCLUDING, BUT NOT LIMITED TO THOSE LISTED ON THE COVER SHEET. ALL APPLICABLE RULES & REGULATIONS ARE TO BE THE MOST CURRENT ADOPTED EDITIONS.
C. FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO THE COMMENCEMENT OF WORK. DISCREPANCIES BETWEEN THE DOCUMENTS AND THE ACTUAL CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE COMMENCEMENT OF WORK.
D. ALL DIMENSIONS ARE FROM CENTERLINE OF STRUCTURE, FINISH FACE OF WALL, FACE OF MASONRY, OR FACE OF EXISTING.
E. ANY DIMENSIONS NOT SHOWN OR DEEMED QUESTIONABLE ARE TO BE VERIFIED BY ARCHITECT. DO NOT SCALE DRAWINGS.
F. REFER TO WALL TYPE SCHEDULE, SHEET A200, TO DETERMINE WHICH WALLS EXTEND TO DECK. SEE STRUCTURAL FOR TOP SUPPORT DETAIL. WHERE METAL STUDS EXTEND TO DECK, PROVIDE SLIP CONNECTIONS FOR ROOF/ FLOOR DEFLECTION.
G. ALL STEEL STUDS ARE TO BE BRACED ACCORDING TO MANUFACTURER LIMIT HEIGHT (L/240).
H. WHERE INSULATED OR SOUND WALLS EXTEND TO DECK, FILL DECK FLUTES WITH INSULATION/ SOUND ATTENUATION.
I. REFER TO PLUMBING PLANS FOR LOCATION OF FLOOR DRAINS.
J. WHERE ACCESS PANELS ARE SHOWN IN TOILET ROOM CHASES, FINAL LOCATION SHALL BE COORDINATED WITH OTHER TRADES PRIOR TO INSTALLATION.
K. ALL CONCRETE MASONRY UNITS (CMU) SHALL BE LAID RUNNING BOND U.N.O. CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.
L. ALL INTERIOR MASONRY WALLS THAT RUN TO UNDERSIDE OF DECK ABOVE SHALL HAVE A 2" JOINT (U.N.O.) AT THE DECK TO BE FILLED WITH FIRE STOPPING AT RATED WALLS PER PROJECT MANUAL, AND MINERAL WOOL AT THE NON-RATED WALLS TO ALLOW FOR DEFLECTION.
M. THERE SHALL BE PERIMETER INSULATION CONTINUOUS AROUND THE ENTIRE PERIMETER OF THE BUILDING EXTENDING 2'-0" MINIMUM (R-15 MIN.) HORIZONTAL.
N. PROVIDE MISCELLANEOUS SUPPORT FOR ALL CEILING SUSPENDED ITEMS.
O. DOOR AND FRAME NUMBERS CORRESPOND TO ROOM NUMBERS. WHERE MORE THAN ONE DOOR OCCURS IN A ROOM, A SUFFIX HAS BEEN ADDED (E.G. A100-1). SEE A500 SERIES DRAWINGS FOR DOOR SCHEDULE AND DETAILS.
P. ALL DOOR FRAMES SHALL BE LOCATED 4" OFF FINISH WALLS OR 4" OFF MASONRY WALLS UNLESS NOTED OTHERWISE.
Q. ALL GLASS AT INTERIOR DOOR FRAMES, DOOR LITES AND BORROW LITE FRAMES AS SHOWN ON THE DOOR SCHEDULE AND OR FRAME ELEVATIONS, SEE GLAZING SCHEDULE A500 SERIES DWGS.
R. AT BUILDING EXPANSION JOINTS, ALL PARTITIONS, CEILINGS, FLOORS AND ALL WALL, FLOOR OR CEILING MOUNTED ITEMS SHALL BE ANCHORED TO THE BUILDING STRUCTURE ON ONLY ONE SIDE OF THE EXPANSIONS JOINTS. CONTRACTOR SHALL COORDINATE CONSTRUCTION OR INSTALLATION OF ALL ITEMS NOTED TO ASSURE THAT NO SUCH ITEMS BRIDGE ACCROSS THE EXPANSION JOINT.
S. ALL SLAB-ON-GRADE CONTROL JOINTS TO BE CLEANED AND CAULKED PRIOR TO PLACEMENT OF FLOOR FINISH.
T. SEE REFLECTED CEILING PLANS FOR BULKHEAD LOCATIONS AND DETAILS.
U. REFER TO MECHANICAL DRAWINGS FOR WALL LOUVER LOCATIONS, SIZES AND QUANTITIES.
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W. SEE A900 SERIES DRAWINGS FOR EQUIPMENT SCHEDULE AND PLANS. PROVIDE BLOCKING IN STUD WALLS AND/OR GROUTED MASONRY CORES AS REQUIRED TO SUPPORT EQUIPMENT.
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PLAN NOTES

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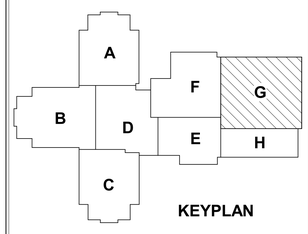

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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The Trade Contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

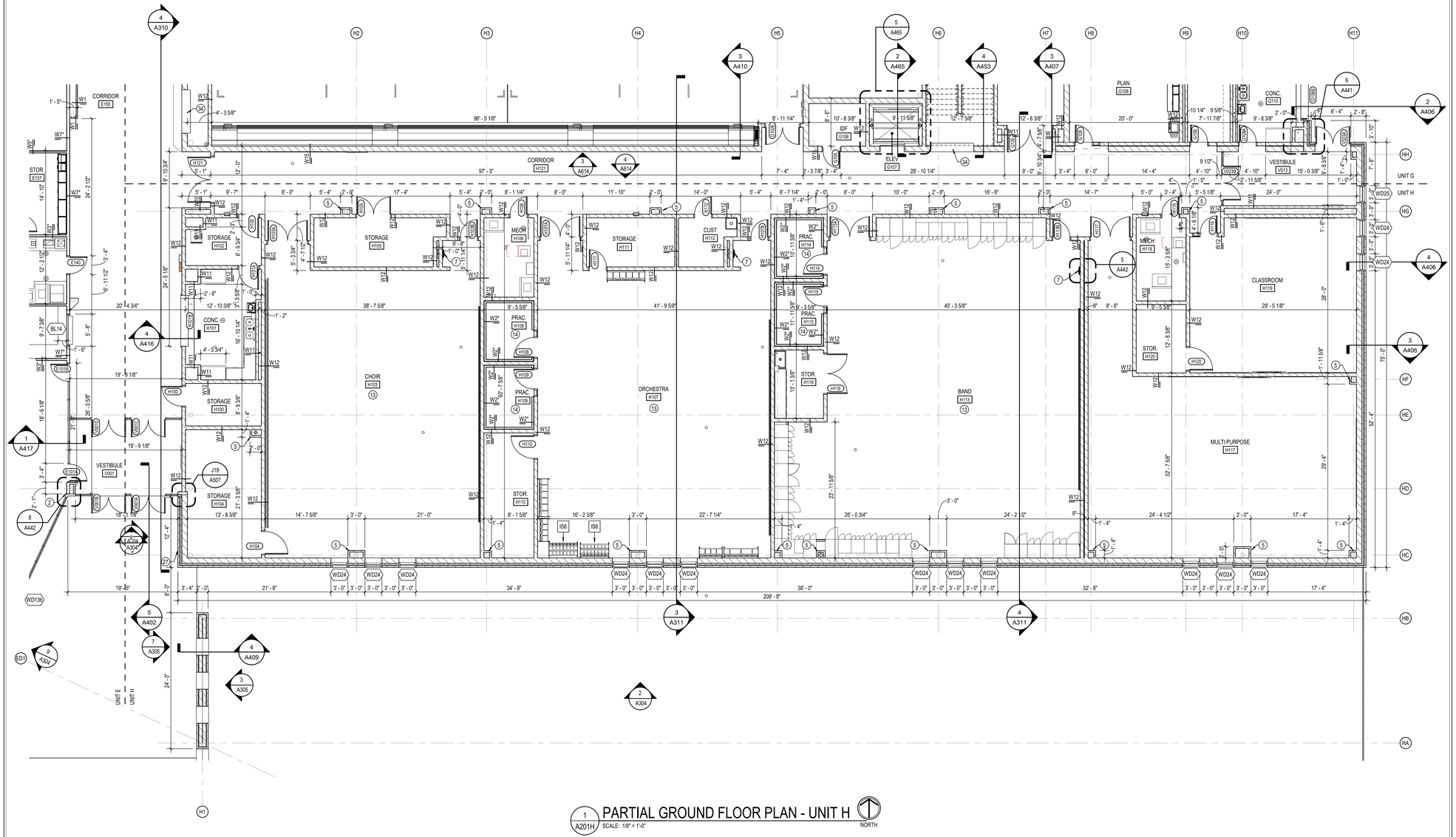
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
PARTIAL GROUND FLOOR PLAN - UNIT G

CERTIFIED BY:
BRENDON C. HIRT
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A201G

PROJECT NUMBER
2023061



1 A201H PARTIAL GROUND FLOOR PLAN - UNIT H
SCALE: 1/8" = 1'-0"

NORTH

GENERAL NOTES

A. COORDINATE THE WORK OF EACH TRADE WITH THE WORK OF OTHER TRADES.
B. ALL WORK IS TO BE COMPLETED IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, RULES, REGULATIONS AND STANDARDS INCLUDING, BUT NOT LIMITED TO THOSE LISTED ON THE COVER SHEET. ALL APPLICABLE RULES & REGULATIONS ARE TO BE THE MOST CURRENT ADOPTED EDITIONS.
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G. ALL STEEL STUDS ARE TO BE BRACED ACCORDING TO MANUFACTURER LIMIT HEIGHT (L/240).
H. WHERE INSULATED OR SOUND WALLS EXTEND TO DECK, FILL DECK FLUTES WITH INSULATION/ SOUND ATTENUATION.
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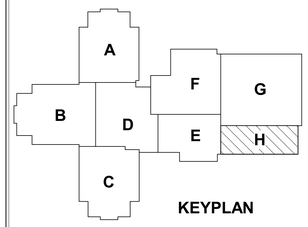

KEYPLAN

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08/09/24	KRK	EHMH

DRAWING TITLE:
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CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
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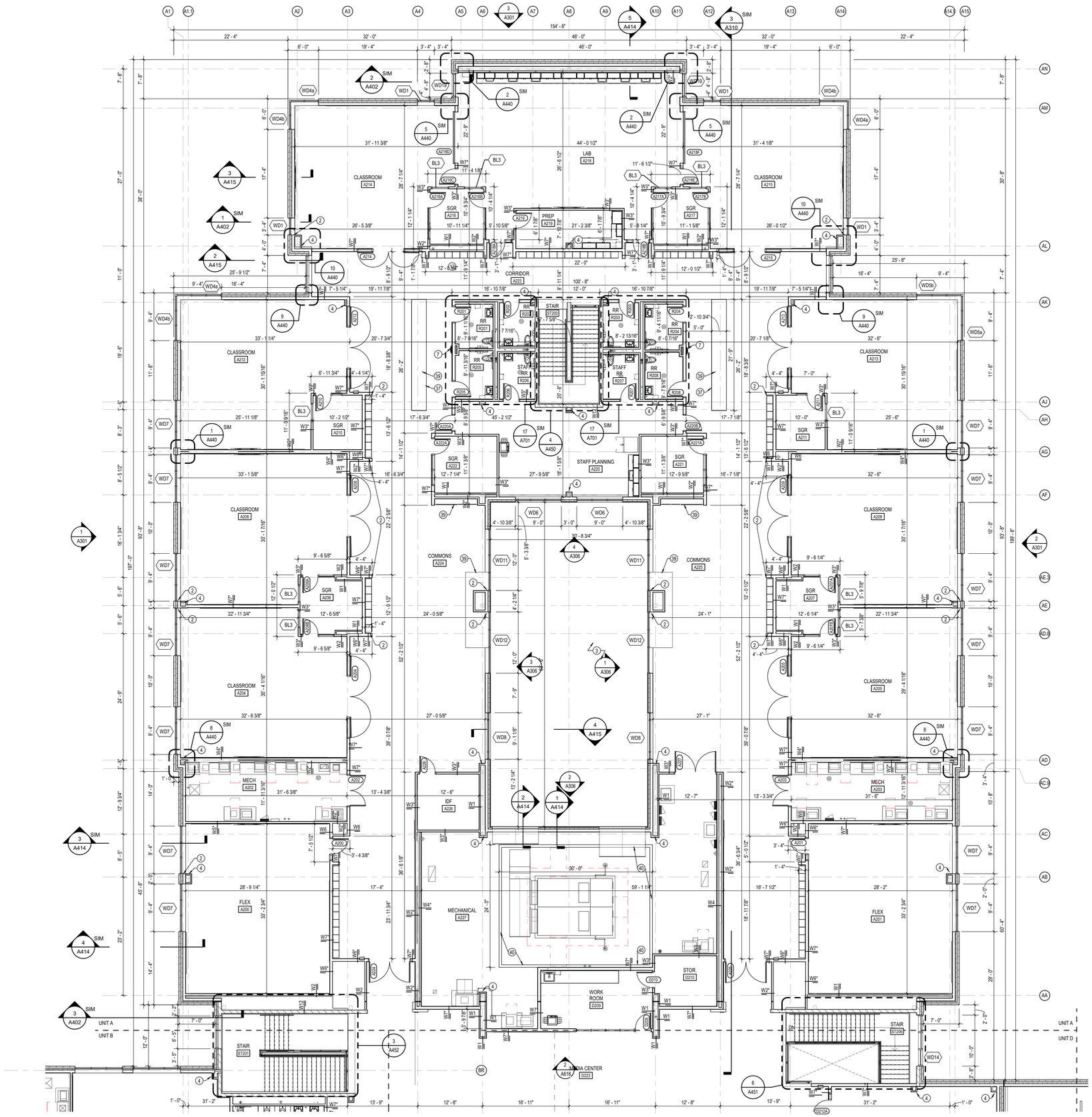

1 A202A PARTIAL SECOND FLOOR PLAN - UNIT A
SCALE: 1/8" = 1'-0"

NORTH

GENERAL NOTES

A. COORDINATE THE WORK OF EACH TRADE WITH THE WORK OF OTHER TRADES.
B. ALL WORK IS TO BE COMPLETED IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, RULES, REGULATIONS AND STANDARDS INCLUDING, BUT NOT LIMITED TO THOSE LISTED ON THE COVER SHEET. ALL APPLICABLE RULES & REGULATIONS ARE TO BE THE MOST CURRENT ADOPTED EDITIONS.
C. FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO THE COMMENCEMENT OF WORK. DISCREPANCIES BETWEEN THE DOCUMENTS AND THE ACTUAL CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE COMMENCEMENT OF WORK.
D. ALL DIMENSIONS ARE FROM CENTERLINE OF STRUCTURE, FINISH FACE OF WALL, FACE OF MASONRY, OR FACE OF EXISTING.
E. ANY DIMENSIONS NOT SHOWN OR DEEMED QUESTIONABLE ARE TO BE VERIFIED BY ARCHITECT. DO NOT SCALE DRAWINGS.
F. REFER TO WALL TYPE SCHEDULE, SHEET A200, TO DETERMINE WHICH WALLS EXTEND TO DECK, SEE STRUCTURAL FOR TOP SUPPORT DETAIL. WHERE METAL STUDS EXTEND TO DECK, PROVIDE SLIP CONNECTIONS FOR ROOF/ FLOOR DEFLECTION.
G. ALL STEEL STUDS ARE TO BE BRACED ACCORDING TO MANUFACTURER LIMIT HEIGHT (LOAD).
H. WHERE INSULATED OR SOUND WALLS EXTEND TO DECK, FILL DECK FLUTES WITH INSULATION/ SOUND ATTENUATION.
I. REFER TO PLUMBING PLANS FOR LOCATION OF FLOOR DRAINS.
J. WHERE ACCESS PANELS ARE SHOWN IN TOILET ROOM CHASES, FINAL LOCATION SHALL BE COORDINATED WITH OTHER TRADES PRIOR TO INSTALLATION.
K. ALL CONCRETE MASONRY UNITS (CMU) SHALL BE LAID RUNNING BOND U.N.O. CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.
L. ALL INTERIOR MASONRY WALLS THAT RUN TO UNDERSIDE OF DECK ABOVE SHALL HAVE A 2" JOINT (U.N.O.) AT THE DECK TO BE FILLED WITH FIRE STOPPING AT RATED WALLS PER PROJECT MANUAL, AND MINERAL WOOL AT THE NON-RATED WALLS TO ALLOW FOR DEFLECTION.
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O. DOOR AND FRAME NUMBERS CORRESPOND TO ROOM NUMBERS. WHERE MORE THAN ONE DOOR OCCURS IN A ROOM, A SUFFIX HAS BEEN ADDED (E.G. A100-1). SEE A500 SERIES DRAWINGS FOR DOOR SCHEDULE AND DETAILS.
P. ALL DOOR FRAMES SHALL BE LOCATED 4" OFF FINISH WALLS OR 4" OFF MASONRY WALLS UNLESS NOTED OTHERWISE.
Q. ALL GLASS AT INTERIOR DOOR FRAMES, DOOR LITES AND BORROW LITE FRAMES AS SHOWN ON THE DOOR SCHEDULE AND OR FRAME ELEVATIONS, SEE GLAZING SCHEDULE A500 SERIES DWGS.
R. AT BUILDING EXPANSION JOINTS, ALL PARTITIONS, CEILINGS, FLOORS AND ALL WALL, FLOOR OR CEILING MOUNTED ITEMS SHALL BE ANCHORED TO THE BUILDING STRUCTURE ON ONLY ONE SIDE OF THE EXPANSIONS JOINTS. CONTRACTOR SHALL COORDINATE CONSTRUCTION OR INSTALLATION OF ALL ITEMS NOTED TO ASSURE THAT NO SUCH ITEMS BRIDGE ACCROSS THE EXPANSION JOINT.
S. ALL SLAB-ON-GRADE CONTROL JOINTS TO BE CLEANED AND CAULKED PRIOR TO PLACEMENT OF FLOOR FINISH.
T. SEE REFLECTED CEILING PLANS FOR BULKHEAD LOCATIONS AND DETAILS.
U. REFER TO MECHANICAL DRAWINGS FOR WALL LOUVER LOCATIONS, SIZES AND QUANTITIES.
V. SEE A900 SERIES DRAWINGS FOR FINISH SCHEDULE AND PLANS.
W. SEE A900 SERIES DRAWINGS FOR EQUIPMENT SCHEDULE AND PLANS. PROVIDE BLOCKING IN STUD WALLS AND/OR GROUTED MASONRY CORES AS REQUIRED TO SUPPORT EQUIPMENT.
X. PROVIDE FIRE RESISTANT TREATED WOOD BLOCKING SUPPORTS AS REQUIRED FOR ALL SURFACE MOUNTED ITEMS.
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Z. APPLY SEALANT AT ALL JUNCTURES BETWEEN DIFFERENT MATERIALS (E.G. MASONRY TO GYPSUM WALL BOARD) UTILIZING THE APPROPRIATE TYPE PER SPECIFICATIONS. COLOR TO BE SELECTED BY ARCHITECT.
AA. APPLY SEALANT AT ALL COUNTERTOPS AND BLACKSPLASHES AT JUNCTURE WITH WALL.
BB. ALL DOORS MUST BE INSTALLED WITH AT LEAST THE MINIMUM MANEUVERING CLEARANCE AT THE DOOR APPROACH PER THE MOST CURRENT AMERICANS WITH DISABILITIES ACT.
CC. BASE FLOOR ELEVATION INDICATED FOR THIS PROJECT IS 924'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

PLAN NOTES

1 CMU LINTEL ABOVE PANEL BOARDS, COORDINATE WITH ELECTRICAL.
2 ALIGN FINISH FACES
3 OPEN TO BELOW
4 CONSTRUCT COLUMN WRAP/FURRED CAVITY WITH WALL TYPE W1# CONSTRUCTION AS TIGHT AS POSSIBLE TO COLUMN.
5 CONSTRUCT COLUMN WRAP/FURRED CAVITY WITH WALL TYPE W10# CONSTRUCTION AS TIGHT AS POSSIBLE TO COLUMN.
6 ELECTRIC - HI-LO ADA TYPE WITH BOTTLE FILLER
7 ELECTRIC WATER COOLER ADA TYPE WITH BOTTLE FILLER
8 GALVANIZED POWDER COATED METAL SWING GATES
9 THIS FLOOR TO SLOPE UPWARDS AT A MAXIMUM OF 4%, FROM FIRST FLOOR LEVEL (0'-0") TO PLATFORM LEVEL (2'-0")
10 DIFFUSER BLOCK LOCATIONS, COORDINATE HEIGHT WITH INTERIOR ELEVATIONS.
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12 ALL WALLS TO RECEIVE IMPACT RESISTANT GYPSUM WALL BOARD.
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14 PRACTICE ROOM TO HAVE FLOOR TO CEILING ACOUSTICAL WALL PADS AROUND ENTIRE PERIMETER OF THE ROOM. SEE DETAIL FOR MORE INFORMATION.
15 MOP SINK, SEE A800 SERIES FOR WALL FINISH.
16 EXPANSION JOINT, SEE 07 95 13
17 LEVEL 5 FINISH FOR GRAPHICAL WALL COVERING
25 8" CMU WALL AT FOOD SERVICE EQUIPMENT, +4'H. WITH STAINLESS STEEL TOP CAP. LOCATE PER FEC DRAWINGS
26 SIDEWALK AT LOADING DOCK, WITH 1 1/2" OD GALVANIZED STEEL GUARDRAIL, PITCH WALK DOWN TO THE NORTH AT 1%
27 PROVIDE FULLY RECESSED KNOX BOX, AS DIRECTED BY AHJ.
28 LINE OF SECOND FLOOR ABOVE
29 THIS WALL IS CANTILEVERED FROM THE FLOOR SLAB TO HONOR THE BUILDING EXPANSION JOINT, DO NOT ATTACH THIS LENGTH OF WALL TO THE STRUCTURE ABOVE, CUE CLARK DIETRICH PW60 PONY WALL HEAVY SUPPORT POSTS IN THE WALL TO SUPPORT CANTILEVERED PARTITION. COORDINATE WITH PLUMBING.
30 ALL WALLS AND DOOR TO RECEIVE WALL PADDING PER 11 66 26 FROM +4" ABOVE FLOOR TO BOTTOM OF CEILING. COORDINATE WALL SUBSTRATE. PROVIDE 5/8" FIRE TREATED PLYWOOD IN LIEU OF GYPSUM WALL BOARD.
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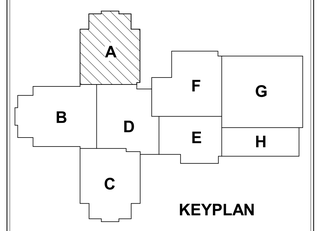
32 SEE WALL SECTION 2/A406 FOR SILL DETAIL
33 STEEL PLATE, SEE SPEC 05 50 00
34 DISPLAY CASE
35 MILLWORK, SEE SHEET A623
36 GUARDRAIL
37 LOCKERS SEE 4/A624
38 ANGLED SHELF
39 MILLWORK, SEE EQUIPMENT PLANS AND DETAILS, A900 SERIES
40 SOLID WOOD TOPS ON CAST IN IN PLACE CONCRETE STAIRS, SEE 400 SERIES FOR MORE INFORMATION, FILL AND RUB EXPOSED CONCRETE SURFACES
41 4" x 6" MECHANICAL CURB AROUND ENTIRE PERIMETER OF EQUIPMENT, COORDINATE WITH MEP DRAWINGS



KEYPLAN

CSO
8831 Keystone Crossing, Indianapolis, IN 46240
317.848.7600 | csoinc.net
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of construction and finishes required for the project.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
Work not within the basis of the project scope indicated or described in the bidding documents may still contain an items required for the proper execution and completion of the work.

REVISIONS:

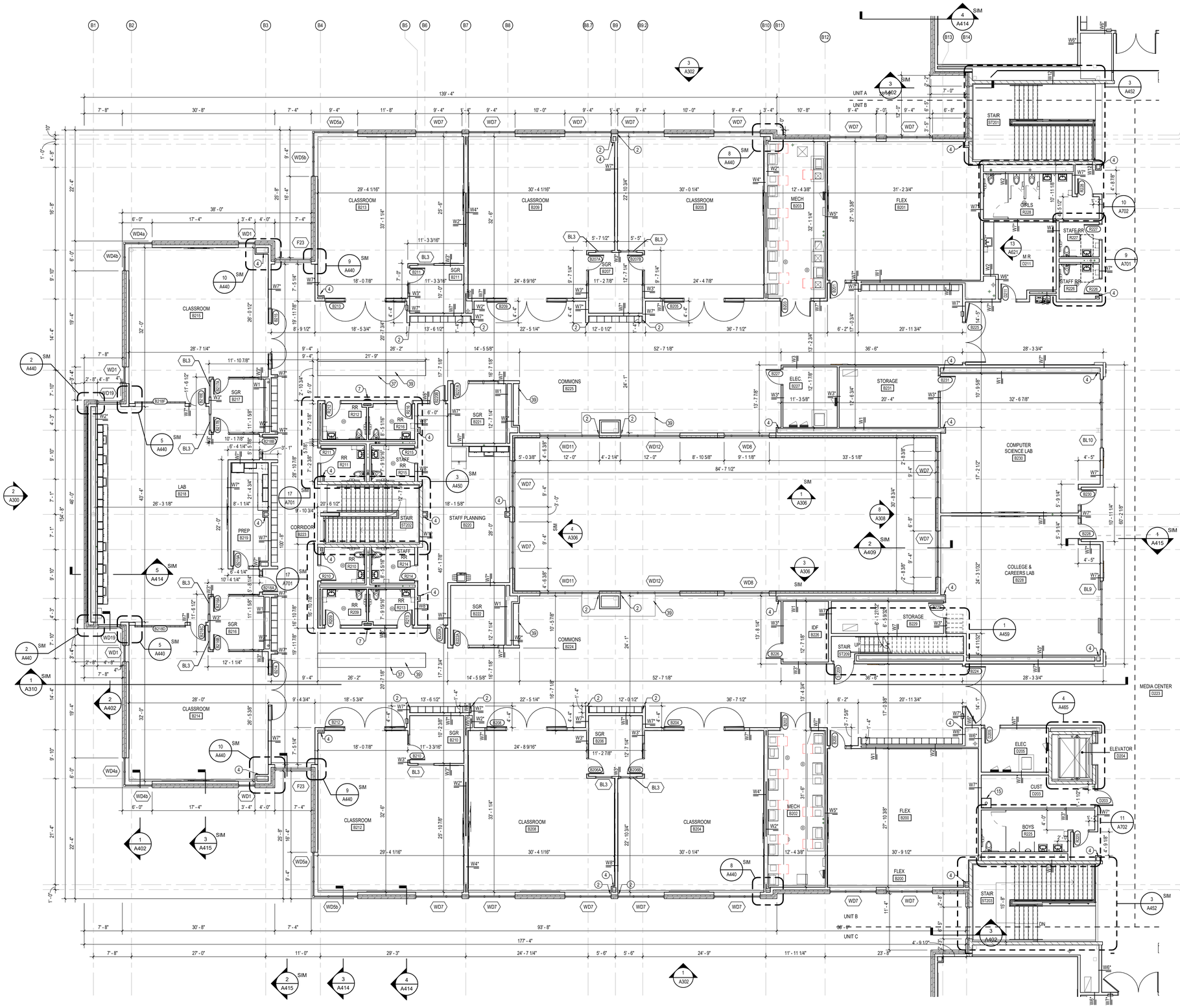
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
PARTIAL SECOND FLOOR PLAN - UNIT A

CERTIFIED BY:
BRENTON C. HITCH
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A202A

PROJECT NUMBER
2023061



1 A202B — SECOND FLOOR - UNIT B
SCALE: 1/8" = 1'-0"

NORTH

GENERAL NOTES

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F. REFER TO WALL TYPE SCHEDULE, SHEET A200, TO DETERMINE WHICH WALLS EXTEND TO DECK. SEE STRUCTURAL FOR TOP SUPPORT DETAIL. WHERE METAL STUDS EXTEND TO DECK, PROVIDE SLIP CONNECTIONS FOR ROOF/ FLOOR DEFLECTION.

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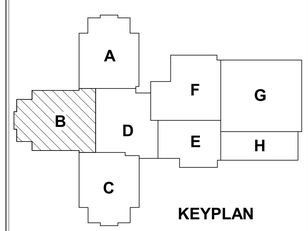

KEYPLAN

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317.848.7600 | csoinc.net
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the performance criteria of the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all the materials, labor, and performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

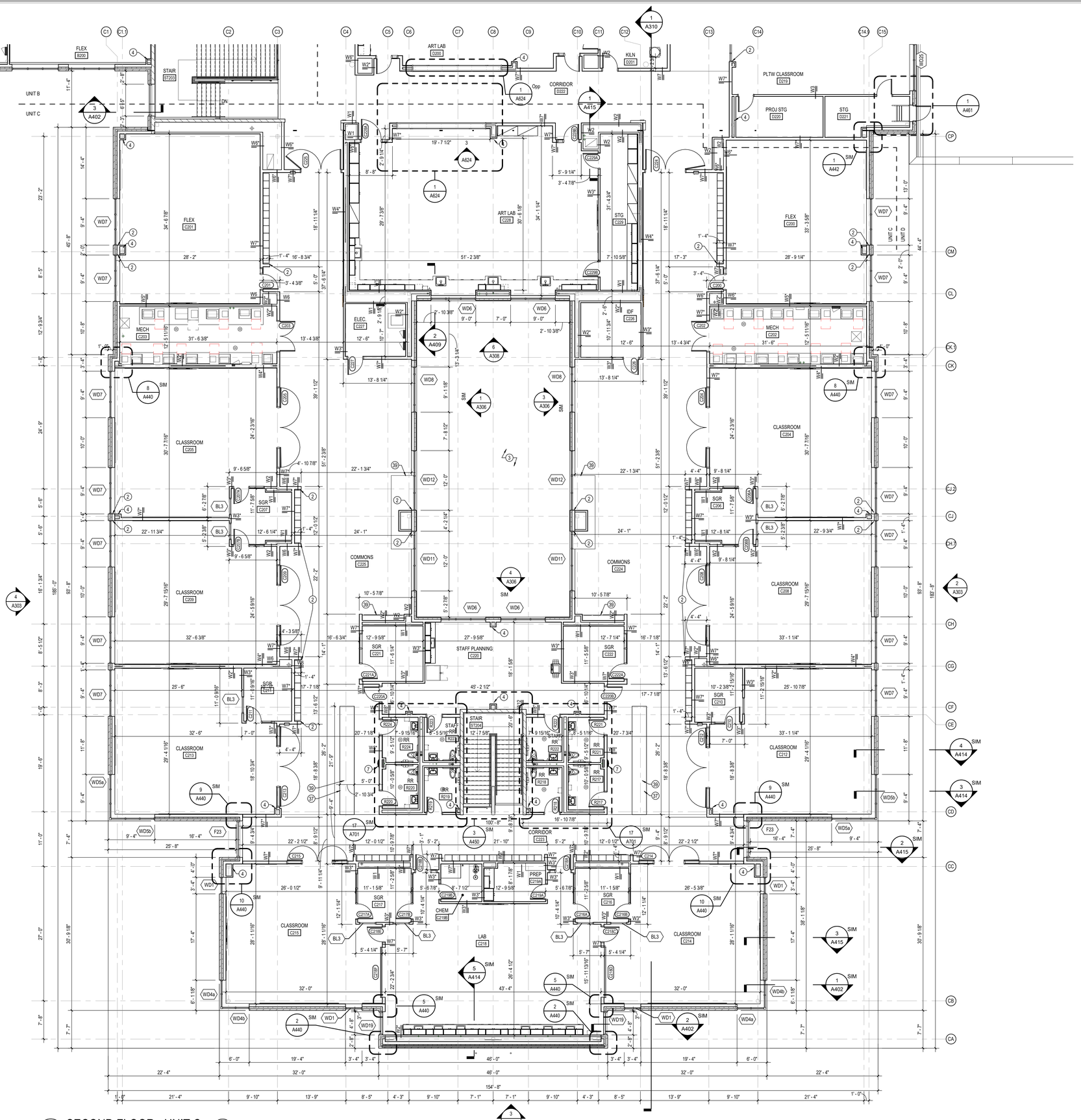
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
PARTIAL SECOND FLOOR PLAN - UNIT B

CERTIFIED BY:
BRENTON C. CLARK
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A202B

PROJECT NUMBER
2023061



1 A202C SECOND FLOOR - UNIT C
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NORTH

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14 PRACTICE ROOM TO HAVE FLOOR TO CEILING ACOUSTICAL WALL PADS AROUND ENTIRE PERIMETER OF THE ROOM. SEE DETAIL FOR MORE INFORMATION.
15 MOP SINK, SEE A800 SERIES FOR WALL FINISH.
16 EXPANSION JOINT, SEE 07 95 13
17 LEVEL 5 FINISH FOR GRAPHICAL WALL COVERING
25 8" CMU WALL AT FOOD SERVICE EQUIPMENT, +4'H. WITH STAINLESS STEEL TOP CAP. LOCATE PER FEC DRAWINGS
26 SIDEWALK AT LOADING DOCK, WITH 1 1/2" OD GALVANIZED STEEL GUARDRAIL, PITCH WALK DOWN TO THE NORTH AT 1%
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28 LINE OF SECOND FLOOR ABOVE
29 THIS WALL IS CANTILEVERED FROM THE FLOOR SLAB TO HONOR THE BUILDING EXPANSION JOINT, DO NOT ATTACH THIS LENGTH OF WALL TO THE STRUCTURE ABOVE. CUE CLARK DIETRICH PWW POWY WALL HEAVY SUPPORT POSTS IN THE WALL TO SUPPORT CANTILEVERED PARTITION, COORDINATE WITH PLUMBING.
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32 SEE WALL SECTION 2/A406 FOR SILL DETAIL
33 STEEL PLATE, SEE SPEC 05 50 00
34 DISPLAY CASE
35 MILLWORK, SEE SHEET A623
36 GUARDRAIL
37 LOOKERS SEE 4/A624
38 ANGLED SHELF
39 MILLWORK, SEE EQUIPMENT PLANS AND DETAILS, A900 SERIES
40 SOLID WOOD TOPS ON CAST IN IN PLACE CONCRETE STAIRS, SEE 400 SERIES FOR MORE INFORMATION, FILL AND RUB EXPOSED CONCRETE SURFACES
41 4" x 6" MECHANICAL CURB AROUND ENTIRE PERIMETER OF EQUIPMENT, COORDINATE WITH MEP DRAWINGS

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

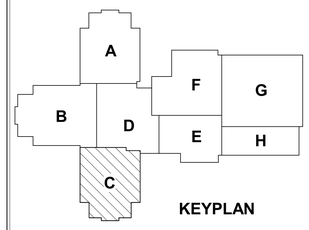
SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. It is not the intent of these documents to describe all work required for full performance and completion of the requirements of the Contract.
It is the intent that the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

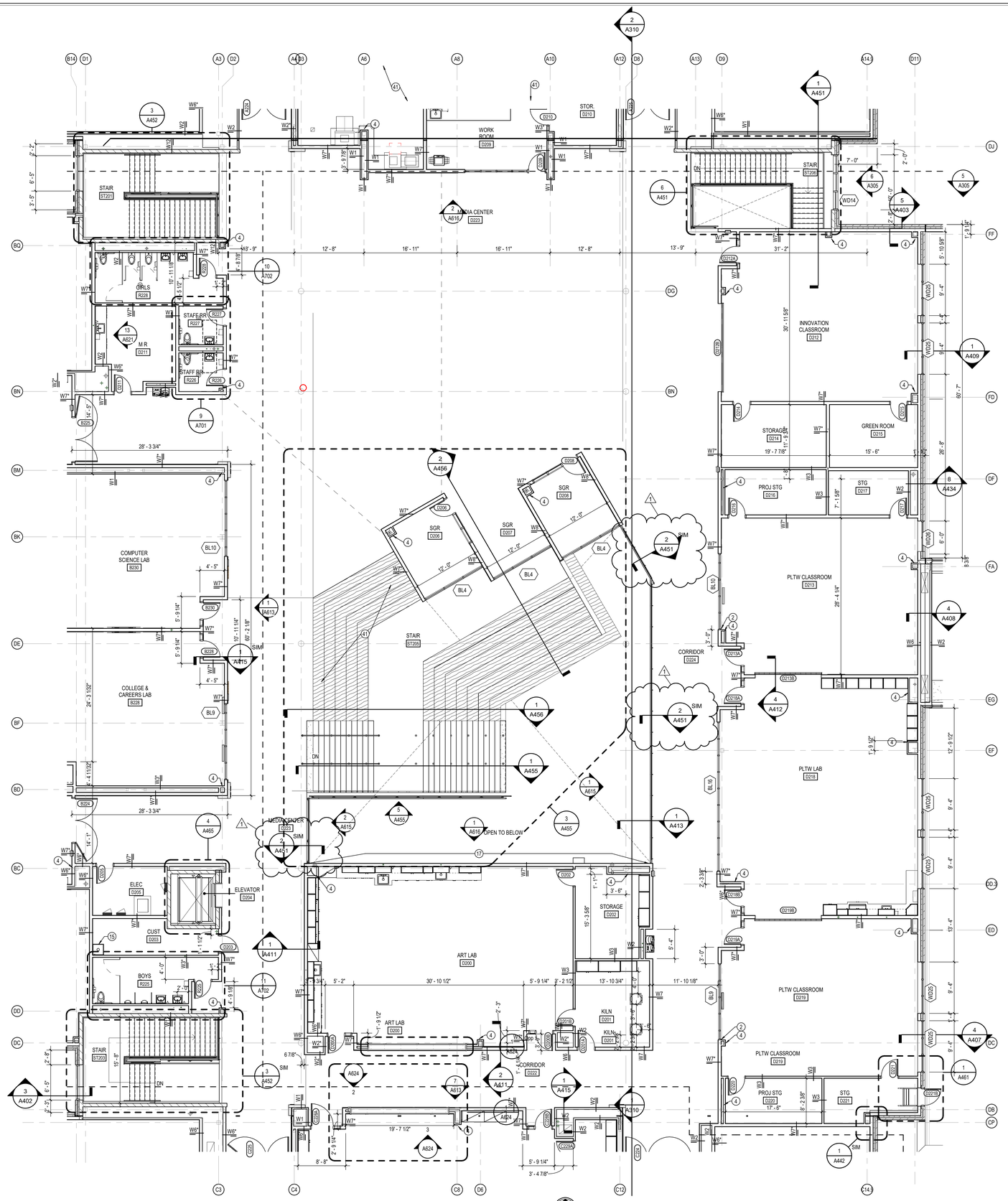
DRAWING TITLE:
PARTIAL SECOND FLOOR PLAN - UNIT C

CERTIFIED BY:
BRENDON C. HIRT REGISTERED No. AR.11700184 STATE OF INDIANA ARCHITECT



DRAWING NUMBER
A202C

PROJECT NUMBER
2023061



1 A202D SECOND FLOOR - UNIT D
SCALE: 1/8" = 1'-0"

NORTH

GENERAL NOTES

A. COORDINATE THE WORK OF EACH TRADE WITH THE WORK OF OTHER TRADES.
B. ALL WORK IS TO BE COMPLETED IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, RULES, REGULATIONS AND STANDARDS INCLUDING, BUT NOT LIMITED TO THOSE LISTED ON THE COVER SHEET. ALL APPLICABLE RULES & REGULATIONS ARE TO BE THE MOST CURRENT ADOPTED EDITIONS.
C. FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO THE COMMENCEMENT OF WORK. DISCREPANCIES BETWEEN THE DOCUMENTS AND THE ACTUAL CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE COMMENCEMENT OF WORK.
D. ALL DIMENSIONS ARE FROM CENTERLINE OF STRUCTURE, FINISH FACE OF WALL, FACE OF MASONRY, OR FACE OF EXISTING.
E. ANY DIMENSIONS NOT SHOWN OR DEEMED QUESTIONABLE ARE TO BE VERIFIED BY ARCHITECT. DO NOT SCALE DRAWINGS.
F. REFER TO WALL TYPE SCHEDULE, SHEET A200, TO DETERMINE WHICH WALLS EXTEND TO DECK. SEE STRUCTURAL FOR TOP SUPPORT DETAIL. WHERE METAL STUDS EXTEND TO DECK, PROVIDE SLIP CONNECTIONS FOR ROOF/ FLOOR DEFLECTION.
G. ALL STEEL STUDS ARE TO BE BRACED ACCORDING TO MANUFACTURER LIMIT HEIGHT (L/240).
H. WHERE INSULATED OR SOUND WALLS EXTEND TO DECK, FILL DECK FLUTES WITH INSULATION/ SOUND ATTENUATION.
I. REFER TO PLUMBING PLANS FOR LOCATION OF FLOOR DRAINS.
J. WHERE ACCESS PANELS ARE SHOWN IN TOILET ROOM CHASES, FINAL LOCATION SHALL BE COORDINATED WITH OTHER TRADES PRIOR TO INSTALLATION.
K. ALL CONCRETE MASONRY UNITS (CMU) SHALL BE LAID RUNNING BOND U.N.O. CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.
L. ALL INTERIOR MASONRY WALLS THAT RUN TO UNDERSIDE OF DECK ABOVE SHALL HAVE A 2" JOINT (U.N.O.) AT THE DECK TO BE FILLED WITH FIRE STOPPING AT RATED WALLS PER PROJECT MANUAL, AND MINERAL WOOL AT THE NON-RATED WALLS TO ALLOW FOR DEFLECTION.
M. THERE SHALL BE PERIMETER INSULATION CONTINUOUS AROUND THE ENTIRE PERIMETER OF THE BUILDING EXTENDING 2'-0" MINIMUM (R-15 MIN.) HORIZONTAL.
N. PROVIDE MISCELLANEOUS SUPPORT FOR ALL CEILING SUSPENDED ITEMS.
O. DOOR AND FRAME NUMBERS CORRESPOND TO ROOM NUMBERS. WHERE MORE THAN ONE DOOR OCCURS IN A ROOM, A SUFFIX HAS BEEN ADDED (E.G. A100-1). SEE A500 SERIES DRAWINGS FOR DOOR SCHEDULE AND DETAILS.
P. ALL DOOR FRAMES SHALL BE LOCATED 4" OFF FINISH WALLS OR 4" OFF MASONRY WALLS UNLESS NOTED OTHERWISE.
Q. ALL GLASS AT INTERIOR DOOR FRAMES, DOOR LITES AND BORROW LITE FRAMES AS SHOWN ON THE DOOR SCHEDULE AND OR FRAME ELEVATIONS, SEE GLAZING SCHEDULE A500 SERIES DWGS.
R. AT BUILDING EXPANSION JOINTS, ALL PARTITIONS, CEILINGS, FLOORS AND ALL WALL, FLOOR OR CEILNG MOUNTED ITEMS SHALL BE ANCHORED TO THE BUILDING STRUCTURE ON ONLY ONE SIDE OF THE EXPANSIONS JOINTS. CONTRACTOR SHALL COORDINATE CONSTRUCTION OR INSTALLATION OF ALL ITEMS NOTED TO ASSURE THAT NO SUCH ITEMS BRIDGE ACCROSS THE EXPANSION JOINT.
S. ALL SLAB-ON-GRADE CONTROL JOINTS TO BE CLEANED AND CAULKED PRIOR TO PLACEMENT OF FLOOR FINISH.
T. SEE REFLECTED CEILING PLANS FOR BULKHEAD LOCATIONS AND DETAILS.
U. REFER TO MECHANICAL DRAWINGS FOR WALL LOUVER LOCATIONS, SIZES AND QUANTITIES.
V. SEE A900 SERIES DRAWINGS FOR FINISH SCHEDULE AND PLANS.
W. SEE A900 SERIES DRAWINGS FOR EQUIPMENT SCHEDULE AND PLANS. PROVIDE BLOCKING IN STUD WALLS AND/OR GROUTED MASONRY CORES AS REQUIRED TO SUPPORT EQUIPMENT.
X. PROVIDE FIRE RESISTANT TREATED WOOD BLOCKING SUPPORTS AS REQUIRED FOR ALL SURFACE MOUNTED ITEMS.
Y. WHERE DISIMILAR FLOOR MATERIALS MEET, THEY SHALL DO SO UNDER THE CENTERLINE OF THE DOOR UNLESS NOTED OTHERWISE.
Z. APPLY SEALANT AT ALL JUNCTURES BETWEEN DIFFERENT MATERIALS (E.G. MASONRY TO GYPSUM WALL BOARD) UTILIZING THE APPROPRIATE TYPE PER SPECIFICATIONS. COLOR TO BE SELECTED BY ARCHITECT.
AA. APPLY SEALANT AT ALL COUNTERTOPS AND BLACKSPLASHES AT JUNCTURE WITH WALL.
BB. ALL DOORS MUST BE INSTALLED WITH AT LEAST THE MINIMUM MANEUVERING CLEARANCE AT THE DOOR APPROACH PER THE MOST CURRENT AMERICANS WITH DISABILITIES ACT.
CC. BASE FLOOR ELEVATION INDICATED FOR THIS PROJECT IS 924'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

PLAN NOTES

1 CMU LINTEL ABOVE PANEL BOARDS, COORDINATE WITH ELECTRICAL.
2 ALIGN FINISH FACES
3 OPEN TO BELOW
4 CONSTRUCT COLUMN WRAP/FURRED CAVITY WITH WALL TYPE W1# CONSTRUCTION AS TIGHT AS POSSIBLE TO COLUMN.
5 CONSTRUCT COLUMN WRAP/FURRED CAVITY WITH WALL TYPE W10# CONSTRUCTION AS TIGHT AS POSSIBLE TO COLUMN.
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29 THIS WALL IS CANTILEVERED FROM THE FLOOR SLAB TO HONOR THE BUILDING EXPANSION JOINT, DO NOT ATTACH THIS LENGTH OF WALL TO THE STRUCTURE ABOVE, CUE CLARK DIETRICH PW60 PONY WALL HEAVY SUPPORT POSTS IN THE WALL TO SUPPORT CANTILEVERED PARTITION. COORDINATE WITH PLUMBING.
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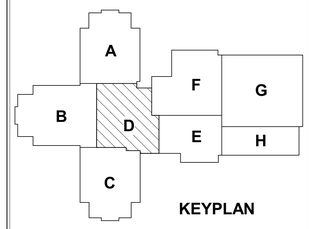

KEYPLAN

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PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
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REVISIONS:

1	ADDENDUM #5	08/09/2024

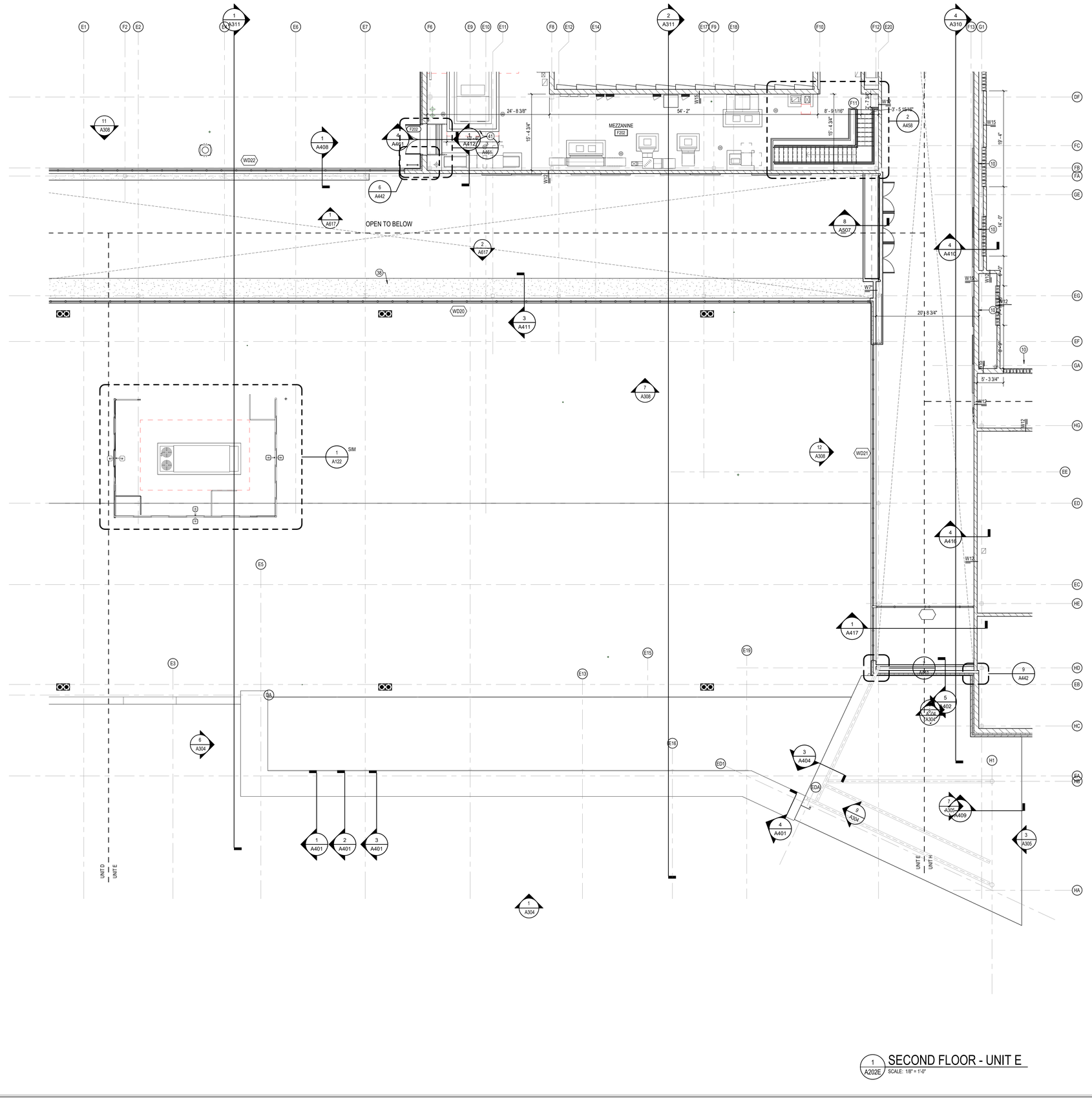
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
PARTIAL SECOND FLOOR PLAN - UNIT D

CERTIFIED BY:
BRENTON C. WITHERS
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A202D

PROJECT NUMBER
2023061



1 SECOND FLOOR - UNIT E
A202E SCALE: 1/8" = 1'-0"

GENERAL NOTES

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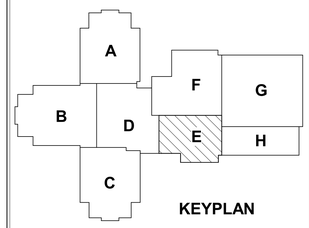

KEYPLAN

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PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

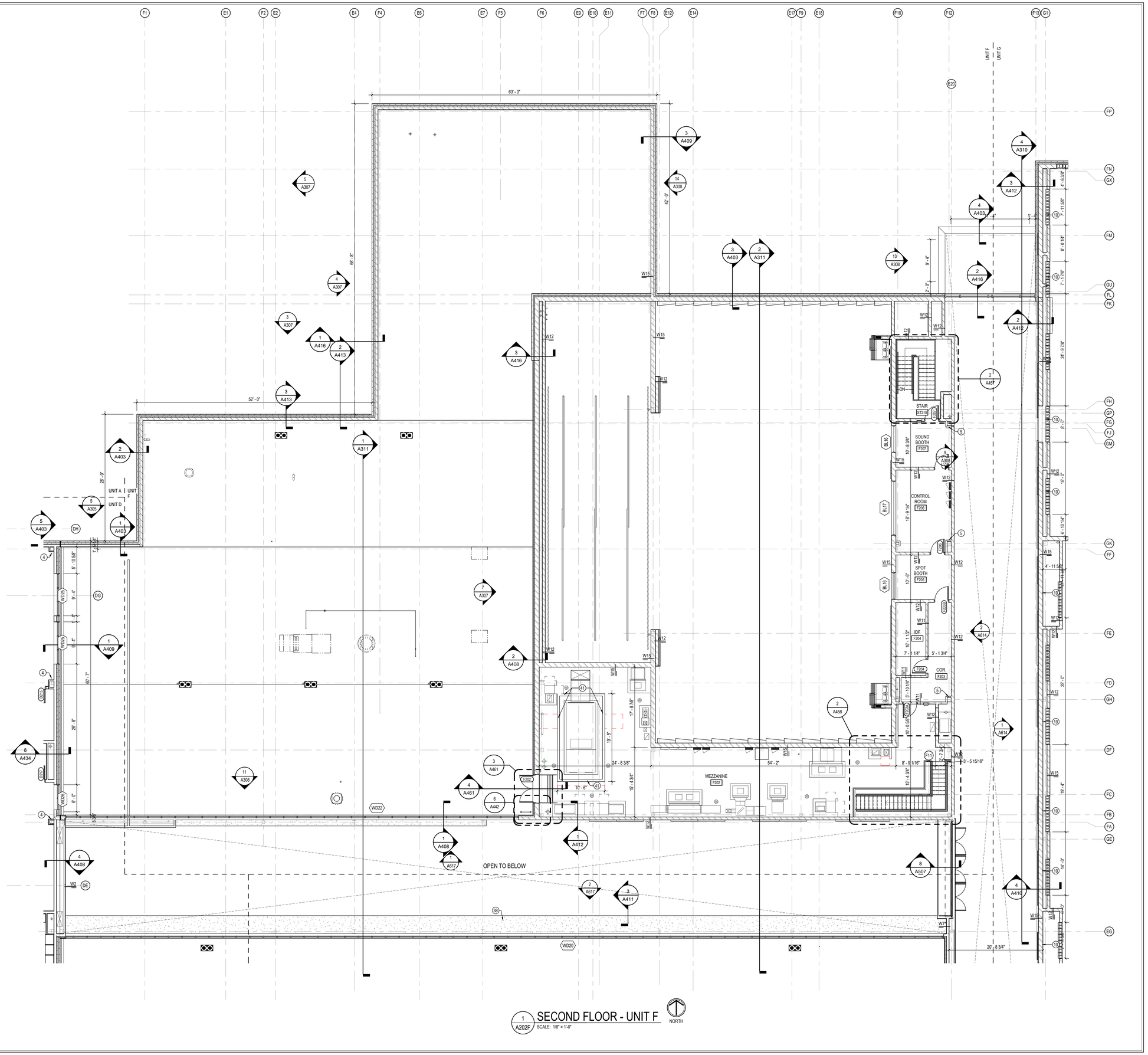
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
PARTIAL SECOND FLOOR PLAN - UNIT E

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A202E

PROJECT NUMBER
2023061


63' - 0"
52' - 0"
28' - 0"
42' - 0"
24' - 9 7/8"
54' - 2"
20' - 8 3/4"
3' - 5 15/16"
UNIT A
UNIT F
UNIT D
UNIT F
UNIT G
STAIR ST101
SOUND BOOTH F207
CONTROL ROOM F206
SPOT BOOTH F205
IDF F204
COR. F203
MEZZANINE F202
OPEN TO BELOW
ON
DN
W12
W15
W11
W10
W7
WD20
WD22
WD25
WD26
WD28
BL16
BL17
F11
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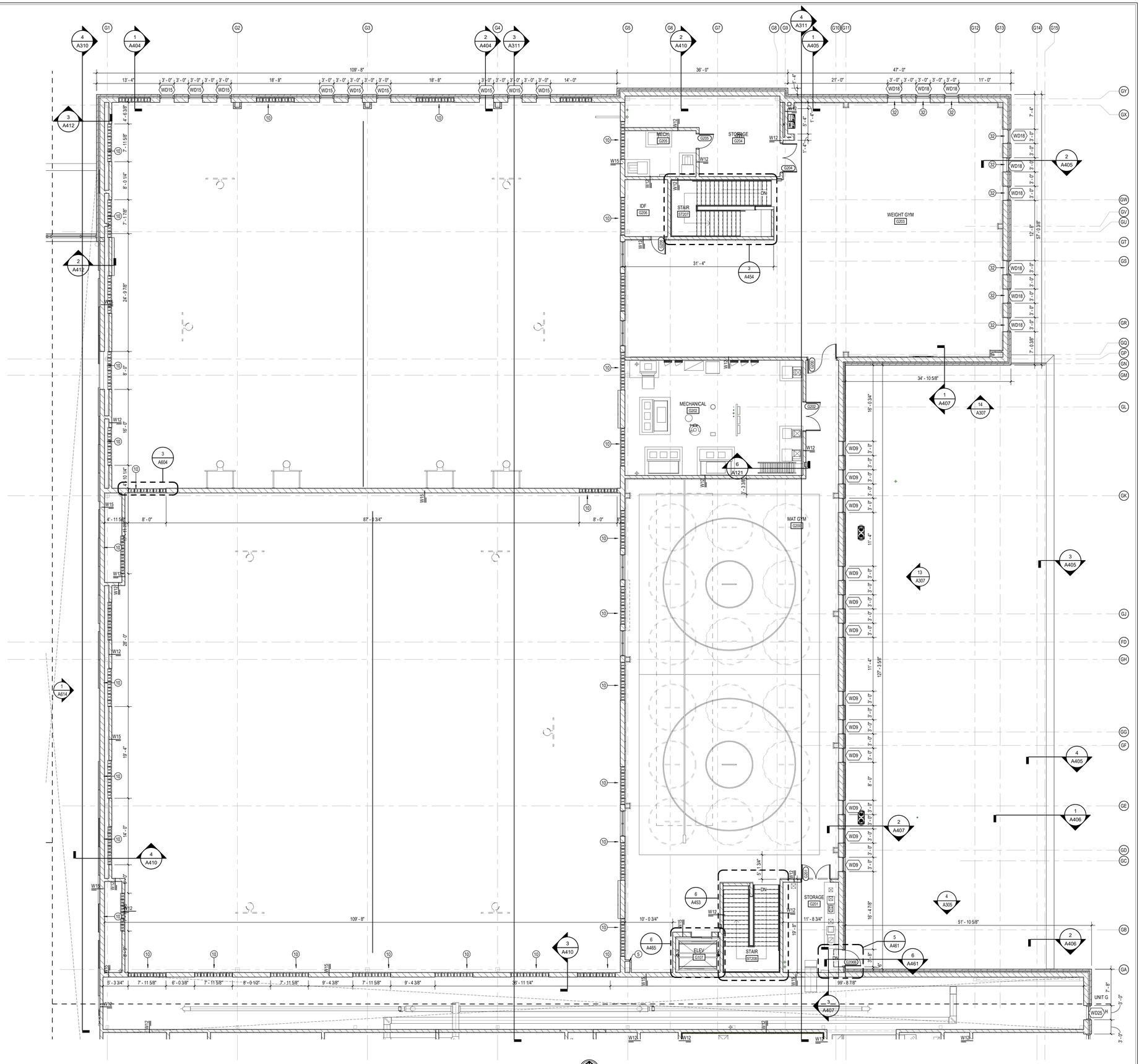

1 A202G SECOND FLOOR - UNIT G
SCALE: 1/8" = 1'-0"

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B. ALL WORK IS TO BE COMPLETED IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, RULES, REGULATIONS AND STANDARDS INCLUDING, BUT NOT LIMITED TO THOSE LISTED ON THE COVER SHEET. ALL APPLICABLE RULES & REGULATIONS ARE TO BE THE MOST CURRENT ADOPTED EDITIONS.
C. FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO THE COMMENCEMENT OF WORK. DISCREPANCIES BETWEEN THE DOCUMENTS AND THE ACTUAL CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE COMMENCEMENT OF WORK.
D. ALL DIMENSIONS ARE FROM CENTERLINE OF STRUCTURE, FINISH FACE OF WALL, FACE OF MASONRY, OR FACE OF EXISTING.
E. ANY DIMENSIONS NOT SHOWN OR DEEMED QUESTIONABLE ARE TO BE VERIFIED BY ARCHITECT. DO NOT SCALE DRAWINGS.
F. REFER TO WALL TYPE SCHEDULE, SHEET A200, TO DETERMINE WHICH WALLS EXTEND TO DECK. SEE STRUCTURAL FOR TOP SUPPORT DETAIL. WHERE METAL STUDS EXTEND TO DECK, PROVIDE SLIP CONNECTIONS FOR ROOF/ FLOOR DEFLECTION.
G. ALL STEEL STUDS ARE TO BE BRACED ACCORDING TO MANUFACTURER LIMIT HEIGHT (L/240).
H. WHERE INSULATED OR SOUND WALLS EXTEND TO DECK, FILL DECK FLUTES WITH INSULATION/ SOUND ATTENUATION.
I. REFER TO PLUMBING PLANS FOR LOCATION OF FLOOR DRAINS.
J. WHERE ACCESS PANELS ARE SHOWN IN TOILET ROOM CHASES, FINAL LOCATION SHALL BE COORDINATED WITH OTHER TRADES PRIOR TO INSTALLATION.
K. ALL CONCRETE MASONRY UNITS (CMU) SHALL BE LAID RUNNING BOND U.N.O. CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.
L. ALL INTERIOR MASONRY WALLS THAT RUN TO UNDERSIDE OF DECK ABOVE SHALL HAVE A 2" JOINT (U.N.O.) AT THE DECK TO BE FILLED WITH FIRE STOPPING AT RATED WALLS PER PROJECT MANUAL, AND MINERAL WOOL AT THE NON-RATED WALLS TO ALLOW FOR DEFLECTION.
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S. ALL SLAB-ON-GRADE CONTROL JOINTS TO BE CLEANED AND CAULKED PRIOR TO PLACEMENT OF FLOOR FINISH.
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CC. BASE FLOOR ELEVATION INDICATED FOR THIS PROJECT IS 924'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

PLAN NOTES

1 CMU LINTEL ABOVE PANEL BOARDS, COORDINATE WITH ELECTRICAL.
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3 OPEN TO BELOW
4 CONSTRUCT COLUMN WRAP/FURRED CAVITY WITH WALL TYPE W1# CONSTRUCTION AS TIGHT AS POSSIBLE TO COLUMN.
5 CONSTRUCT COLUMN WRAP/FURRED CAVITY WITH WALL TYPE W10# CONSTRUCTION AS TIGHT AS POSSIBLE TO COLUMN.
6 ELECTRIC - HI-LO ADA TYPE WITH BOTTLE FILLER
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9 THIS FLOOR TO SLOPE UPWARDS AT A MAXIMUM OF 4%, FROM FIRST FLOOR LEVEL (0'-0") TO PLATFORM LEVEL (2'-0")
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16 EXPANSION JOINT, SEE 07 95 13
17 LEVEL 5 FINISH FOR GRAPHICAL WALL COVERING
25 8" CMU WALL AT FOOD SERVICE EQUIPMENT, +4'H. WITH STAINLESS STEEL TOP CAP. LOCATE PER FEC DRAWINGS
26 SIDEWALK AT LOADING DOCK, WITH 1 1/2" OD GALVANIZED STEEL GUARDRAIL, PITCH WALK DOWN TO THE NORTH AT 1%
27 PROVIDE FULLY RECESSED KNOX BOX, AS DIRECTED BY AHJ.
28 LINE OF SECOND FLOOR ABOVE
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32 SEE WALL SECTION 2/A406 FOR SILL DETAIL
33 STEEL PLATE, SEE SPEC 05 50 00
34 DISPLAY CASE
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36 GUARDRAIL
37 LOOKERS SEE 4/A624
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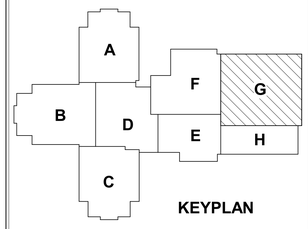
40 SOLID WOOD TOPS ON CAST IN IN PLACE CONCRETE STAIRS, SEE 400 SERIES FOR MORE INFORMATION, FILL AND RUB EXPOSED CONCRETE SURFACES
41 4" x 6" MECHANICAL CURB AROUND ENTIRE PERIMETER OF EQUIPMENT, COORDINATE WITH MEP DRAWINGS



KEYPLAN

CSO
8831 Keystone Crossing, Indianapolis, IN 46240
317.848.7600 | csoinc.net
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. They are not intended to be complete in order to describe all work required for full performance and completion of the requirements of the Contract.
The work to be performed under scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

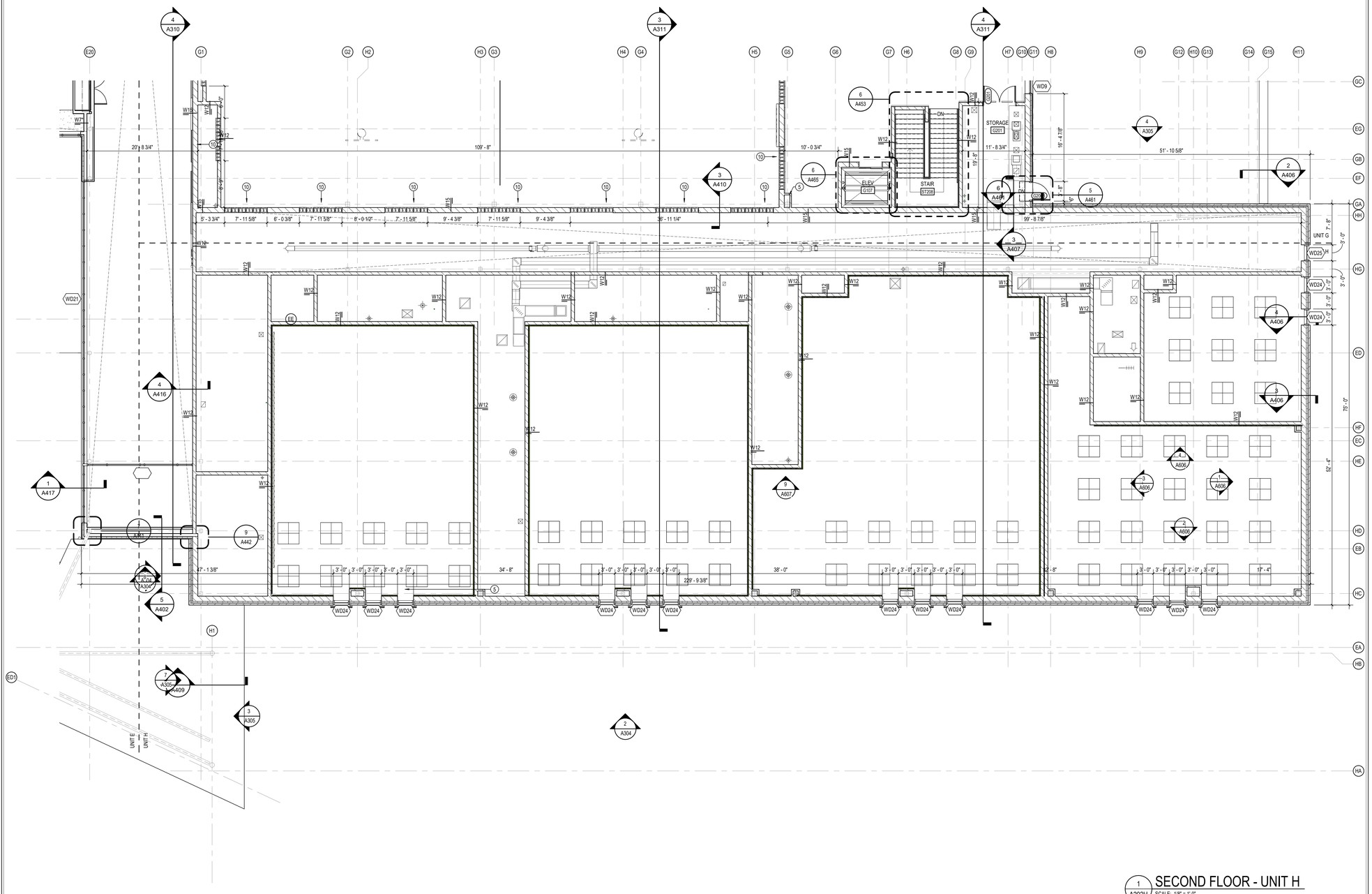
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
PARTIAL SECOND FLOOR PLAN - UNIT G

CERTIFIED BY:
BRENDON C. HIRT
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A202G

PROJECT NUMBER
2023061



1 A202H SECOND FLOOR - UNIT H
SCALE: 1/8" = 1'-0"

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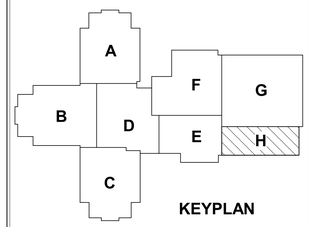

KEYPLAN

CSO
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317.848.7600 | csoinc.net
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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The drawings do not necessarily indicate or describe all the labor, materials, performance and completion of the requirements of the Contract.
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REVISIONS:

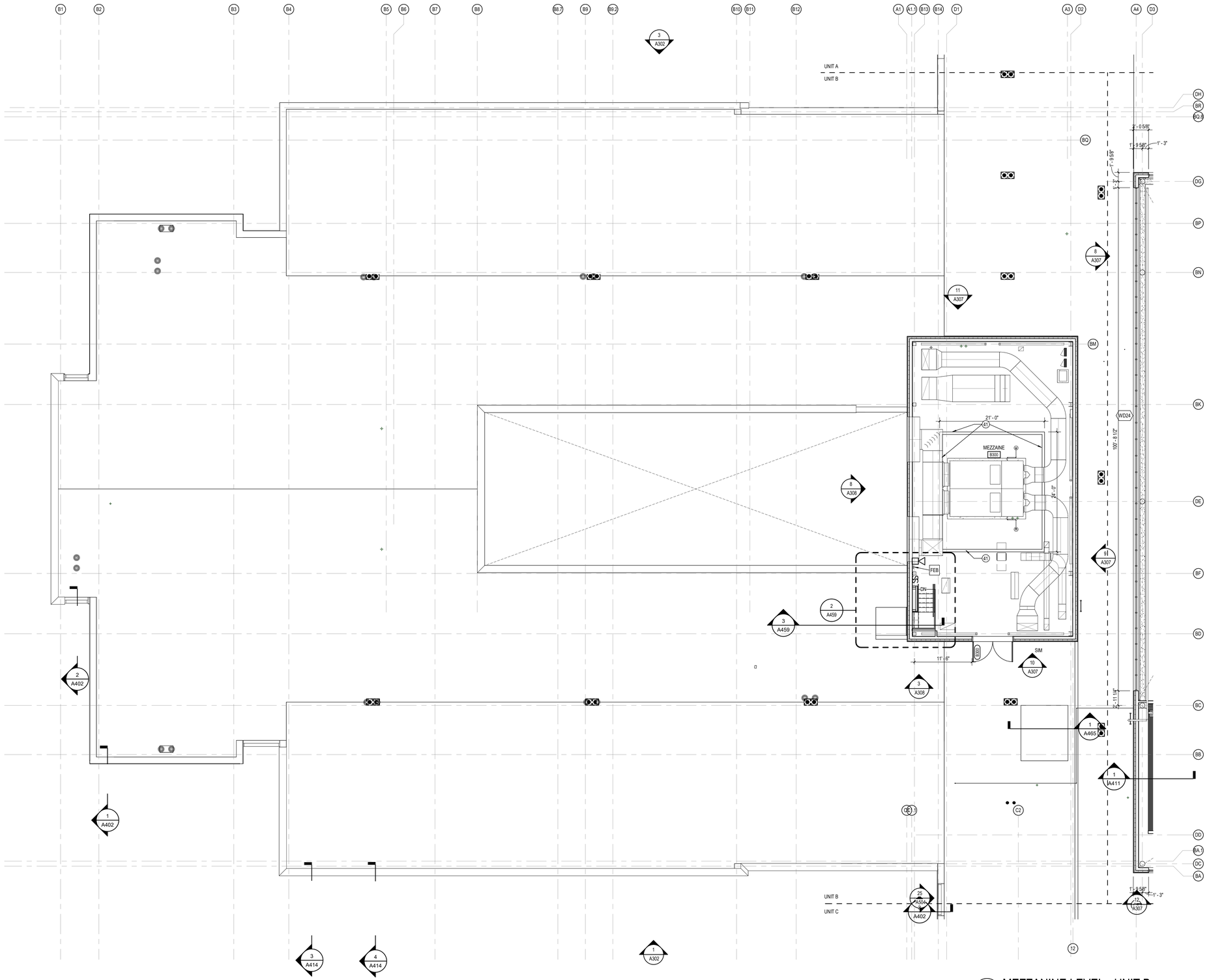
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
PARTIAL SECOND FLOOR PLAN - UNIT H

CERTIFIED BY:
BRENTON C. HINE REGISTERED No. AR11700184 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
A202H

PROJECT NUMBER
2023061



1 A203B MEZZANINE LEVEL - UNIT B
SCALE: 1/8" = 1'-0"

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14 PRACTICE ROOM TO HAVE FLOOR TO CEILING ACOUSTICAL WALL PADS AROUND ENTIRE PERIMETER OF THE ROOM. SEE DETAIL FOR MORE INFORMATION.
15 MOP SINK, SEE A800 SERIES FOR WALL FINISH.
16 EXPANSION JOINT, SEE 07 95 13
17 LEVEL 5 FINISH FOR GRAPHICAL WALL COVERING
25 8" CMU WALL AT FOOD SERVICE EQUIPMENT, +4'H. WITH STAINLESS STEEL TOP CAP. LOCATE PER FEC DRAWINGS
26 SIDEWALK AT LOADING DOCK, WITH 1 1/2" OD GALVANIZED STEEL GUARDRAIL, PITCH WALK DOWN TO THE NORTH AT 1%
27 PROVIDE FULLY RECESSED KNOX BOX, AS DIRECTED BY AHJ.
28 LINE OF SECOND FLOOR ABOVE
29 THIS WALL IS CANTILEVERED FROM THE FLOOR SLAB TO HONOR THE BUILDING EXPANSION JOINT. DO NOT ATTACH THIS LENGTH OF WALL TO THE STRUCTURE ABOVE. CUE CLARK DIETRICH PW60 PONY WALL HEAVY SUPPORT POSTS IN THE WALL TO SUPPORT CANTILEVERED PARTITION. COORDINATE WITH PLUMBING.
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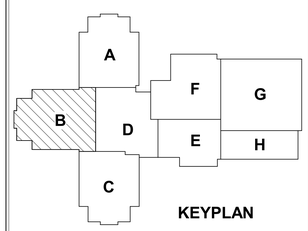

KEYPLAN

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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The Contractor shall furnish all general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

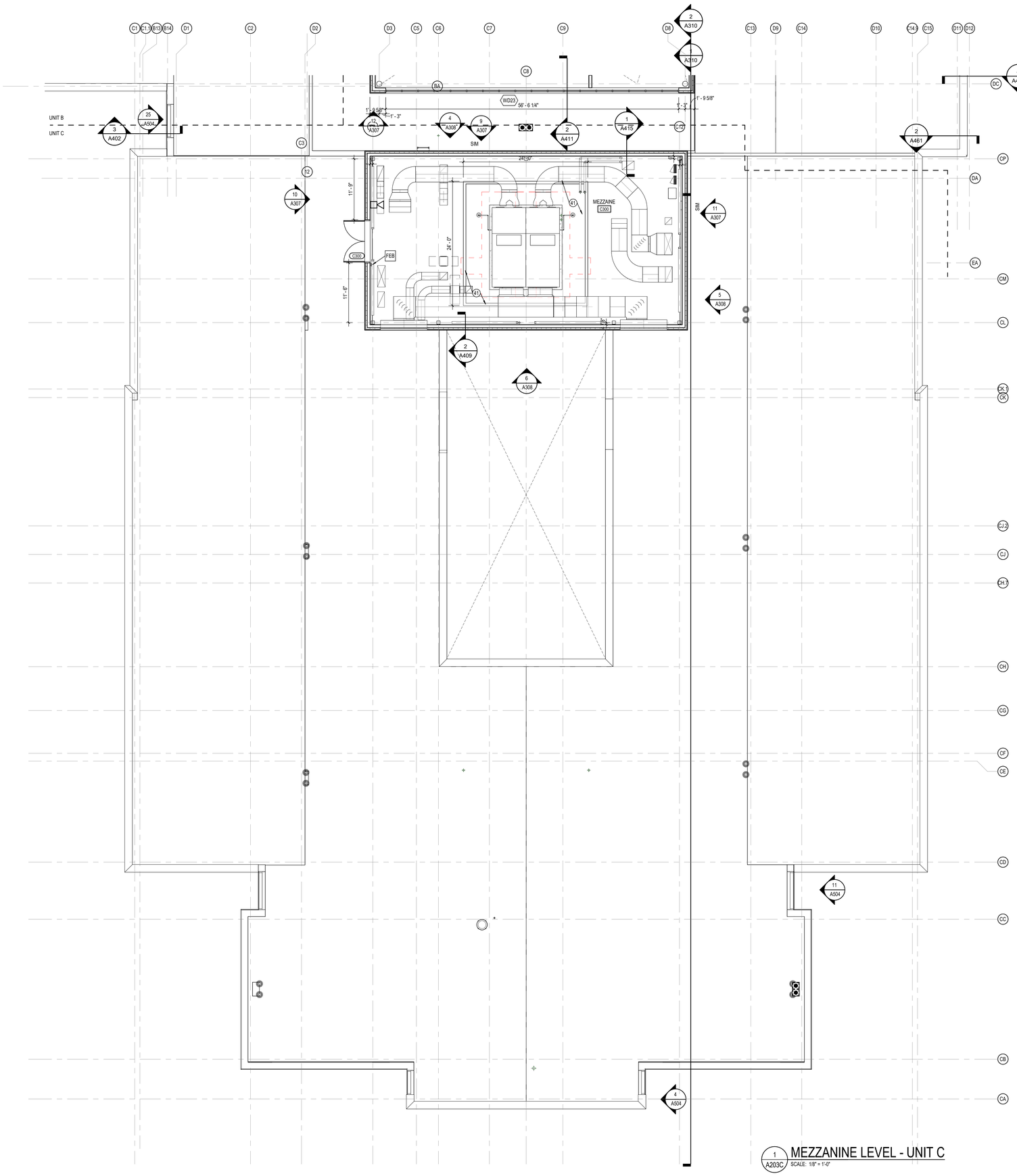
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
MEZZANINE LEVEL - UNIT B

CERTIFIED BY:
BRENDON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A203B

PROJECT NUMBER
2023061



1 A203C MEZZANINE LEVEL - UNIT C
SCALE: 1/8" = 1'-0"

GENERAL NOTES

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B. ALL WORK IS TO BE COMPLETED IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, RULES, REGULATIONS AND STANDARDS INCLUDING, BUT NOT LIMITED TO THOSE LISTED ON THE COVER SHEET. ALL APPLICABLE RULES & REGULATIONS ARE TO BE THE MOST CURRENT ADOPTED EDITIONS.
C. FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO THE COMMENCEMENT OF WORK. DISCREPANCIES BETWEEN THE DOCUMENTS AND THE ACTUAL CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE COMMENCEMENT OF WORK.
D. ALL DIMENSIONS ARE FROM CENTERLINE OF STRUCTURE, FINISH FACE OF WALL, FACE OF MASONRY, OR FACE OF EXISTING.
E. ANY DIMENSIONS NOT SHOWN OR DEEMED QUESTIONABLE ARE TO BE VERIFIED BY ARCHITECT. DO NOT SCALE DRAWINGS.
F. REFER TO WALL TYPE SCHEDULE, SHEET A200, TO DETERMINE WHICH WALLS EXTEND TO DECK. SEE STRUCTURAL FOR TOP SUPPORT DETAIL. WHERE METAL STUDS EXTEND TO DECK, PROVIDE SLIP CONNECTIONS FOR ROOF/ FLOOR DEFLECTION.
G. ALL STEEL STUDS ARE TO BE BRACED ACCORDING TO MANUFACTURER LIMIT HEIGHT (L/240).
H. WHERE INSULATED OR SOUND WALLS EXTEND TO DECK, FILL DECK FLUTES WITH INSULATION/ SOUND ATTENUATION.
I. REFER TO PLUMBING PLANS FOR LOCATION OF FLOOR DRAINS.
J. WHERE ACCESS PANELS ARE SHOWN IN TOILET ROOM CHASES, FINAL LOCATION SHALL BE COORDINATED WITH OTHER TRADES PRIOR TO INSTALLATION.
K. ALL CONCRETE MASONRY UNITS (CMU) SHALL BE LAID RUNNING BOND U.N.O. CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.
L. ALL INTERIOR MASONRY WALLS THAT RUN TO UNDERSIDE OF DECK ABOVE SHALL HAVE A 2" JOINT (U.N.O.) AT THE DECK TO BE FILLED WITH FIRE STOPPING AT RATED WALLS PER PROJECT MANUAL. AND MINERAL WOOL AT THE NON-RATED WALLS TO ALLOW FOR DEFLECTION.
M. THERE SHALL BE PERIMETER INSULATION CONTINUOUS AROUND THE ENTIRE PERIMETER OF THE BUILDING EXTENDING 2'-0" MINIMUM (R-15 MIN.) HORIZONTAL.
N. PROVIDE MISCELLANEOUS SUPPORT FOR ALL CEILING SUSPENDED ITEMS.
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Q. ALL GLASS AT INTERIOR DOOR FRAMES, DOOR LITES AND BORROW LITE FRAMES AS SHOWN ON THE DOOR SCHEDULE AND OR FRAME ELEVATIONS, SEE GLAZING SCHEDULE A500 SERIES DWGS.
R. AT BUILDING EXPANSION JOINTS, ALL PARTITIONS, CEILINGS, FLOORS AND ALL WALL, FLOOR OR CEILNG MOUNTED ITEMS SHALL BE ANCHORED TO THE BUILDING STRUCTURE ON ONLY ONE SIDE OF THE EXPANSIONS JOINTS. CONTRACTOR SHALL COORDINATE CONSTRUCTION OR INSTALLATION OF ALL ITEMS NOTED TO ASSURE THAT NO SUCH ITEMS BRIDGE ACCROSS THE EXPANSION JOINT.
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PLAN NOTES

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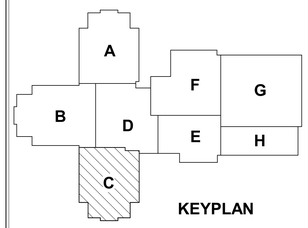

KEYPLAN

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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
MEZZANINE
LEVEL - UNIT C

CERTIFIED BY:
BRENTON C. HIDE
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A203C

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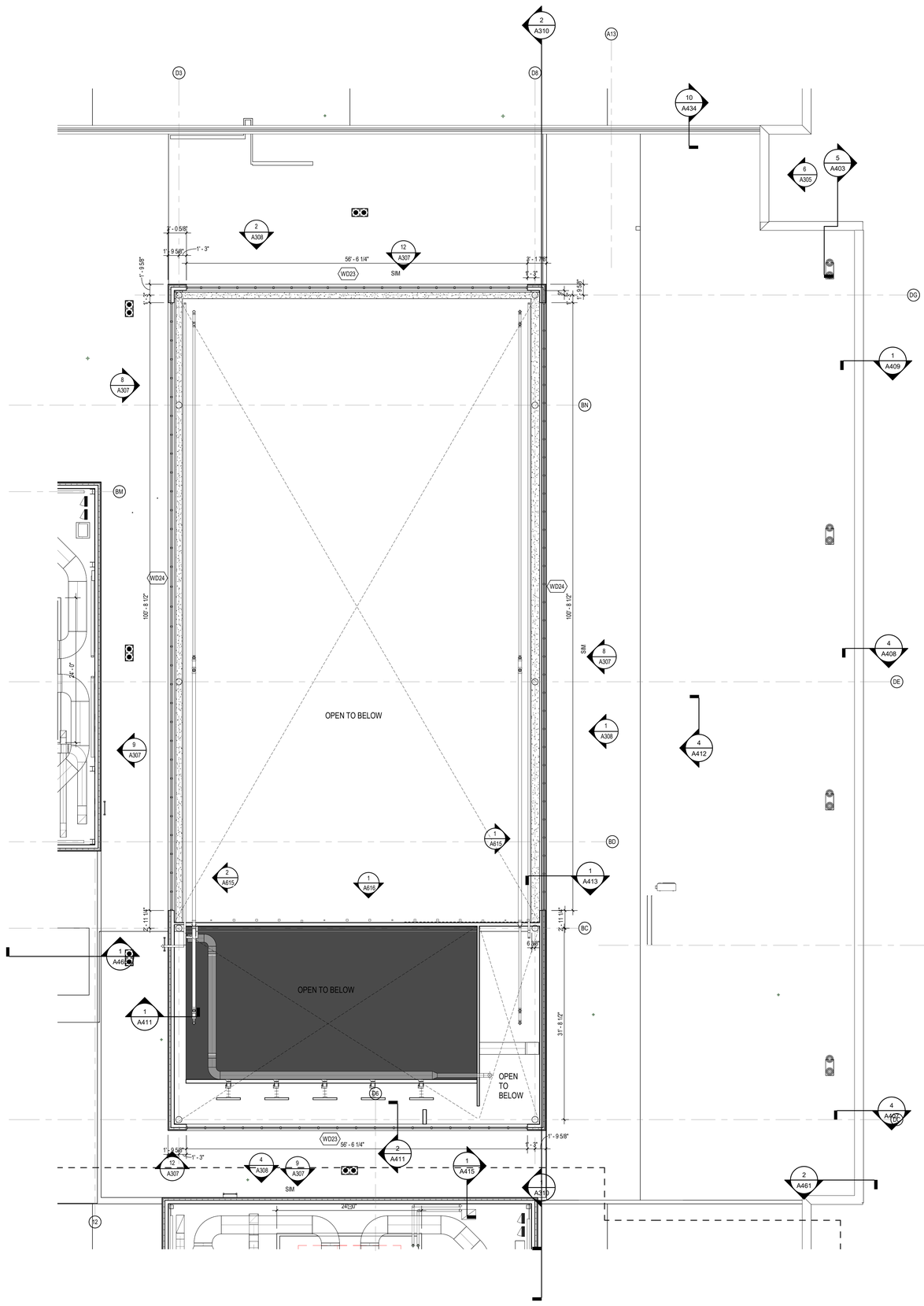

1 A203D MEZZANINE LEVEL - UNIT D

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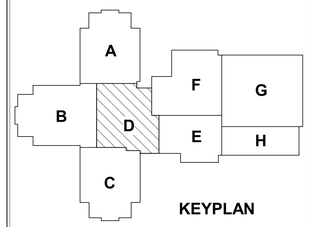

KEYPLAN

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ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
MEZZANINE
LEVEL - UNIT D

CERTIFIED BY:
BRENTON C. HAY
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A203D

PROJECT NUMBER
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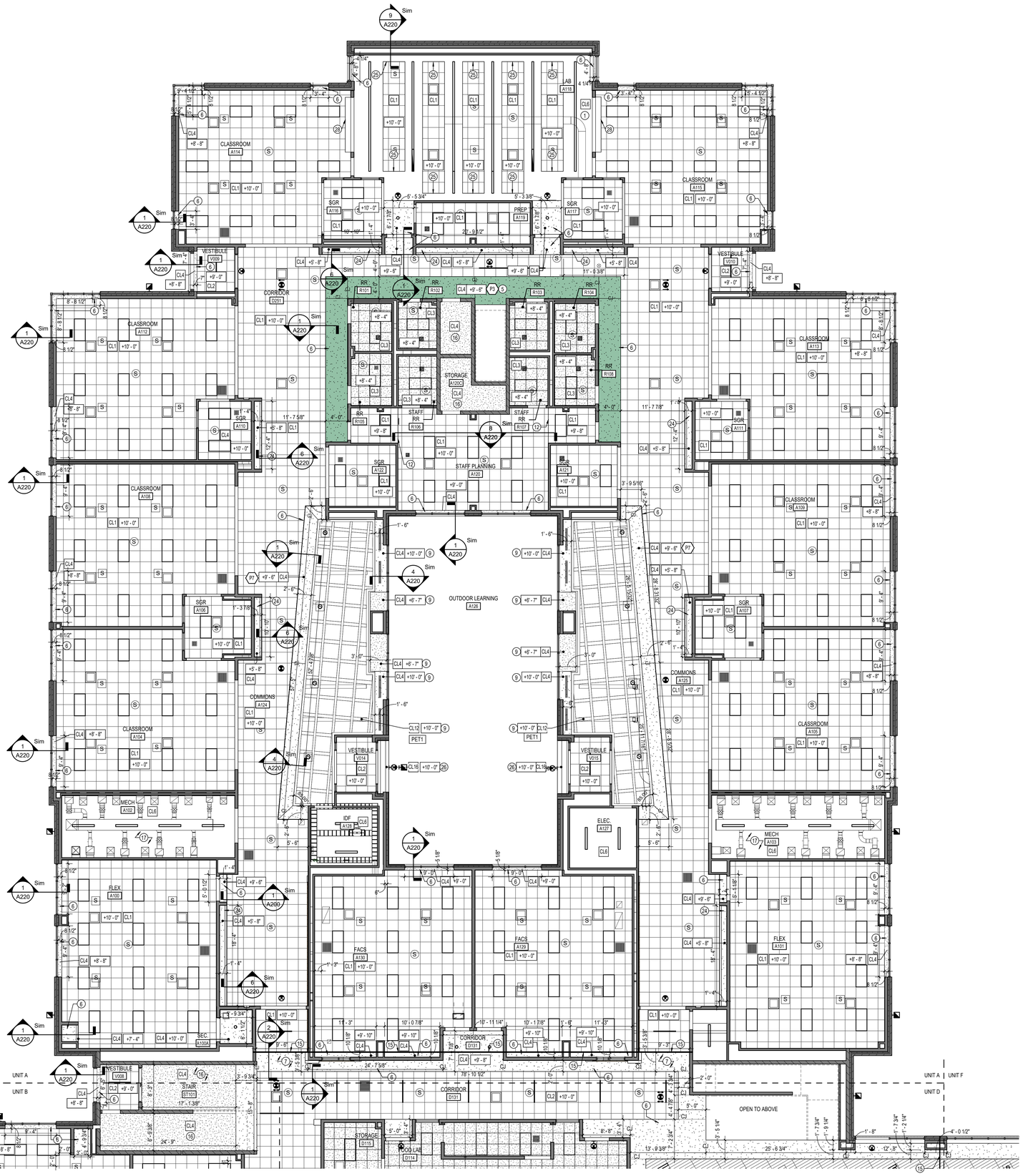


1 GROUND FLOOR - UNIT A
A211A SCALE: 1/8" = 1'-0"

NORTH

REFLECTED CEILING PLAN NOTES

1 PAINTED EXPOSED DECK
2 SPRAY EXPOSED METAL DECK WITH K-13 ACOUSTICAL INSULATION. PAINT ALL EXPOSED MEP ITEMS AND REMAINING STRUCTURE.
3 CEILING MOUNTED SWIVEL HOOK THROUGH CEILING TILE, PROVIDE TRIM RING, COORD WITH STRUCTURAL DRAWINGS.
4 CEILING MOUNTED RETRACTABLE ACOUSTIC CURTAIN
5 PAINT FINISH INDICATED TO BE APPLIED TO UNDERSIDE OF BULKHEAD ONLY. SEE A800 SHEETS FOR ADDITIONAL INFORMATION.
6 BULKHEAD - SEE DETAIL 1/A220
7 BULKHEAD - SEE DETAIL 2/A220
8 BULKHEAD - SEE DETAIL 3/A220
9 BULKHEAD - SEE DETAIL 4/A220
10 BULKHEAD - SEE DETAIL 5/A220
11 AXIOM - SEE DETAIL 7/A220
12 AXIOM - SEE DETAIL 8/A220
13 BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +8'-8" AFF
14 BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +10'-0" AFF
15 EXPANSION JOINT.
16 CL4 ON UNDERSIDE OF STAIRS. SEE VERTICAL CIRCULATION DRAWINGS.
17 NO CEILING PAINT
18 BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +8'-0" AFF
19 KITCHEN HOOD, COORDINATE LOCATION. SEE FEC DRAWINGS
20 PROVIDE CLOSURE PANEL FROM TOP OF COOLER/FREEZER TO BOTTOM OF CEILING, BY FEC.
21 STEEL LINTEL BOTTOM @ + 7'-4", COORDINATE WITH FEC FOR PASS THROUGHS, SOAP CMU BLOCKS ONTO LINTEL
22 CEILING IN ART LAB D200 TO BE TEGULAR TILE IN LIEU OF SQUARE EDGE TILE DUE TO CEILING SLOPE.
23 CEILING MOUNTED ACCESS PANEL, COORDINATE LOCATION AND FINAL SIZE WITH OVERHEAD COILING DOOR MFR.
24 BULKHEAD - SEE DETAIL 6/A220
25 AXIOM - SEE DETAIL 9/A220
26 METAL SOFFIT
27 ACOUSTIC PADS ABOVE CEILING TILES
28 EDGE TRIM AROUND OPENING IN CEILING WHERE OVERHEAD SECTIONAL DOOR WILL RETRACT ABOVE CEILING, COORD. WIDTH WITH OVERHEAD SECTIONAL DOOR

GENERAL REFLECTED CEILING PLAN NOTES

A. SEE THE ELECTRICAL DRAWINGS FOR SIZES, TYPES, AND QUANTITIES OF LIGHT FIXTURES, SPEAKERS, SMOKE DETECTORS, AND OTHER CEILING MOUNTED ELECTRICAL DEVICES.
B. SEE THE MECHANICAL DRAWINGS FOR SIZES, TYPES, AND QUANTITIES OF DIFFUSERS, GRILLES, AND OTHER MECHANICAL CEILING MOUNTED DEVICES.
C. PROVIDE, FIELD LOCATE AND INSTALL 16"x16" FLUSH ACCESS PANELS AT ALL MECHANICAL AND PLUMBING PIPING VALVE LOCATIONS ABOVE SUSPENDED GYPSUM BOARD CEILINGS. SEE THE MECHANICAL AND PLUMBING DRAWINGS FOR LOCATIONS.
D. SEE THE STRUCTURAL DRAWINGS FOR MASONRY WALLS USED FOR SHEAR WALLS THAT ARE REQUIRED TO EXTEND TO DECK/STRUCTURE ABOVE. PROVIDE BRACING FOR ALL MASONRY WALLS NOT EXTENDING TO THE DECK/STRUCTURE AS DETAILED ON STRUCTURAL DRAWINGS.
E. METAL STUDS WALLS SHALL BE ATTACHED TO THE STRUCTURE ABOVE WITH SLIP CONNECTORS. STUD WALLS NOT EXTENDING TO THE STRUCTURE/DECK ABOVE SHALL RECEIVE DIAGONAL METAL STUD BRACING AT MAXIMUM 4'-0" O.C.
F. THE SUSPENDED ACOUSTICAL TILE CEILING GRID AS SHOWN ON THESE DRAWINGS IS REPRESENTATIONAL. THE CEILING GRID IS TO BROKEN AS REQUIRED AT LIGHT FIXTURES, PROJECTION SCREENS, ETC.
G. ALL GYPSUM OR PLASTER CEILINGS AND BULKHEADS ARE TO BE PAINTED (P4) UNLESS NOTED OTHERWISE
H. SEE MECHANICAL, PLUMBING AND ELECTRICAL DOCUMENTS FOR ADDITIONAL CEILING WORK REQUIRED BY NEW MEP WORK.

REFLECTED CEILING LEGEND

- FLUORESCENT LIGHT FIXTURES, RECESSED OR SURFACE-MOUNTED, SEE ELECTRICAL DWGS
- DOWNLIGHT/HIGH BAY LIGHT FIXTURE; SEE ELECTRICAL DWGS
- CEILING MOUNTED PROJECTOR, SEE TECHNOLOGY DWGS
- RETURN/EXHAUST GRILL; SEE MECHANICAL DWGS
- SUPPLY AIR GRILL; SEE MECHANICAL DWGS
- LINEAR SLOT SUPPLY AIR GRILL; SEE MECHANICAL DWGS

CL1 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1713
STYLE: SCHOOL ZONE HIGH CAC, HIGH NRC, SQUARE EDGE
COLOR: WHITE
SIZE: 24" x 24" x 3/4"
LOCATION: CLASSROOMS/OFFICES/CORRIDORS

CL2 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1754
STYLE: FINE FISSURED HIGH NRC
COLOR: WHITE
SIZE: 24" x 24" x 7/8"
LOCATION: PERFORMING ARTS ROOMS

CL3 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1935
STYLE: ULTIMA HEALTH ZONE, SQUARE EDGE
COLOR: WHITE
SIZE: 2' x 2' x 3/4"
LOCATION: RESTROOMS/KITCHENS

CL4 SUSPENDED GYPSUM WALLBOARD CEILING SYSTEM / BULKHEAD
USE 5/8" WALLBOARD
PAINT: (P4) CEILING BRIGHT WHITE UNLESS NOTED OTHERWISE.
SEE A800 FOR FINISH INFORMATION.

CL5 MUSIC PRACTICE ROOM DOUBLE CEILING SYSTEM
INSTALL CEILING TYPE "CL2" @ +(10'-0") A.F.F.
INSTALL CEILING TYPE "CL4" @ +(12'-0") A.F.F. W/ SOUND BATTS ABOVE
INSTALL ACOUSTICAL SEALANT AT PERIMETER OF BOTH CEILINGS AND AT ALL PENETRATIONS.

CL6 EXPOSED STRUCTURE - PAINTED (P4), U.N.O.
SEE A800 FOR FINISH INFORMATION.

CL7 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1754
STYLE: FINE FISSURED HIGH NRC
COLOR: BLACK
SIZE: 24" x 24" x 7/8"
LOCATION: THEATER TECH BOOTHS

CL8 SUSPENDED METAL ACOUSTICAL CLOUD CEILING
MFR: ARMSTRONG SERPENTINA WAVES
DESCRIPTION: CURVED METAL CLOUDS 45 DEGREE ARC VALLEY
COLOR: WOOD LOOK
SIZE PER DRAWINGS

CL9 SUSPENDED METAL ACOUSTICAL CLOUD CEILING
MFR: ARMSTRONG SERPENTINA WAVES
DESCRIPTION: CURVED METAL CLOUDS 30 DEGREE ARC VALLEY
COLOR: WOOD LOOK
SIZE PER DRAWINGS

CL10 PYRAMIDAL SOUND DIFFUSING TILES IN SUSP. LAY-IN CEILING
MFR: DECOFORM PD2424F
DESCRIPTION: 1/8" MIN. ONE-PIECE FRP OR MOLDED REINFORCED FIBERGLASS
COLOR: WHITE
SIZE: 2' x 2'

CL11 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #3352
STYLE: OPTIMA OPEN PLAN / CAC BACKING
DESCRIPTION: SQUARE EDGE
COLOR: WHITE SIZE: 48" x 48" x 1"
LOCATION: CAFETERIA

CL12 SUSPENDED PET ACOUSTICAL CLOUD CEILING
MFR: TURF
STYLE: PLAID
COLOR: SEE PLAN FOR COLOR, PER LOCATION
LOCATION: COMMONS & MEDIA CENTER
EXPOSED STRUCTURE ABOVE TO BE PAINTED (P4)

CL13 SUSPENDED PET ACOUSTICAL BAFFLES
MFR: TURF
STYLE: BEAM
SIZE: 3"W x 4"H x 6'L
COLOR: 11 CELADON (PET2)
LOCATION: GATHERING STAIR

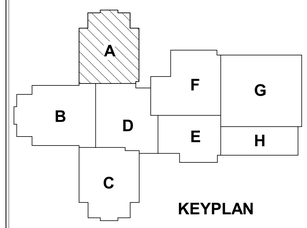
CL17 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG
STYLE: CIRRUS SECOND LOOK III
COLOR: WHITE SIZE: 24" x 48" x 3/4"
LOCATION: CAFETERIA, CORRIDORS AS NOTED

CL18 SUSPENDED METAL GRID CEILING
MFR: ARMSTRONG
STYLE: 360 PAINTED GRID SIZE: 2' x 2'
COLOR: SW6454 SHAMROCK (P3)
LOCATION: CAFETERIA

CL16 METAL SOFFIT PANELS

+0' - 0" CEILING ELEVATION MARK ABOVE FINISHED FLOOR (AT THAT LOCATION IF MULTIPLE FLOOR LEVELS ARE PRESENT)

XX CEILING PAINT; REFER TO FINISH LEGEND ON A800.



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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. The Contract Documents are complementary and describe all work required for full performance and completion of the requirements of the Contract.
The Bidder shall determine the exact scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
FIRST FLOOR REFLECTED CEILING PLAN - UNIT A

CERTIFIED BY:
BRENT C. HIRE REGISTERED No. AR11700184 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
A211A

PROJECT NUMBER
2023061



GROUND FLOOR - UNIT B

1 / A211B — SCALE: 1/8" = 1'-0"

NORTH

REFLECTED CEILING PLAN NOTES

1. PAINTED EXPOSED DECK
2. SPRAY EXPOSED METAL DECK WITH K-13 ACOUSTICAL INSULATION. PAINT ALL EXPOSED MEP ITEMS AND REMAINING STRUCTURE.
3. CEILING MOUNTED SWIVEL HOOK THROUGH CEILING TILE, PROVIDE TRIM RING, COORD WITH STRUCTURAL DRAWINGS.
4. CEILING MOUNTED RETRACTABLE ACOUSTIC CURTAIN
5. PAINT FINISH INDICATED TO BE APPLIED TO UNDERSIDE OF BULKHEAD ONLY. SEE A800 SHEETS FOR ADDITIONAL INFORMATION.
6. BULKHEAD - SEE DETAIL 1/A220
7. BULKHEAD - SEE DETAIL 2/A220
8. BULKHEAD - SEE DETAIL 3/A220
9. BULKHEAD - SEE DETAIL 4/A220
10. BULKHEAD - SEE DETAIL 5/A220
11. AXIOM - SEE DETAIL 7/A220
12. AXIOM - SEE DETAIL 8/A220
13. BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +8'-8" AFF
14. BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +10'-0" AFF
15. EXPANSION JOINT
16. CL4 ON UNDERSIDE OF STAIRS. SEE VERTICAL CIRCULATION DRAWINGS.
17. NO CEILING PAINT
18. BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +8'-0" AFF
19. KITCHEN HOOD, COORDINATE LOCATION, SEE FEC DRAWINGS
20. PROVIDE CLOSURE PANEL FROM TOP OF COOLER/FREEZER TO BOTTOM OF CEILING, BY FEC.
21. STEEL LINTEL BOTTOM @ + 7'-4", COORDINATE WITH FEC FOR PASS THROUGHS, SOAP CMU BLOCKS ONTO LINTEL
22. CEILING IN ART LAB D200 TO BE TEGULAR TILE IN LEIU OF SQUARE EDGE TILE DUE TO CEILING SLOPE.
23. CEILING MOUNTED ACCESS PANEL, COORDINATE LOCATION AND FINAL SIZE WITH OVERHEAD COILING DOOR MFR.
24. BULKHEAD - SEE DETAIL 6/A220
25. AXIOM - SEE DETAIL 9/A220
26. METAL SOFFIT
27. ACOUSTIC PADS ABOVE CEILING TILES
28. EDGE TRIM AROUND OPENING IN CEILING WHERE OVERHEAD SECTIONAL DOOR WILL RETRACT ABOVE CEILING, COORD. WIDTH WITH OVERHEAD SECTIONAL DOOR

GENERAL REFLECTED CEILING PLAN NOTES

A. SEE THE ELECTRICAL DRAWINGS FOR SIZES, TYPES, AND QUANTITIES OF LIGHT FIXTURES, SPEAKERS, SMOKE DETECTORS, AND OTHER CEILING MOUNTED ELECTRICAL DEVICES.
B. SEE THE MECHANICAL DRAWINGS FOR SIZES, TYPES, AND QUANTITIES OF DIFFUSERS, GRILLES, AND OTHER MECHANICAL CEILING MOUNTED DEVICES.
C. PROVIDE, FIELD LOCATE AND INSTALL 16"x16" FLUSH ACCESS PANELS AT ALL MECHANICAL AND PLUMBING PIPING VALVE LOCATIONS ABOVE SUSPENDED GYPSUM BOARD CEILINGS. SEE THE MECHANICAL AND PLUMBING DRAWINGS FOR LOCATIONS.
D. SEE THE STRUCTURAL DRAWINGS FOR MASONRY WALLS USED FOR SHEAR WALLS THAT ARE REQUIRED TO EXTEND TO DECK/STRUCTURE ABOVE. PROVIDE BRACING FOR ALL MASONRY WALLS NOT EXTENDING TO THE DECK/STRUCTURE AS DETAILED ON STRUCTURAL DRAWINGS.
E. METAL STUDS WALLS SHALL BE ATTACHED TO THE STRUCTURE ABOVE WITH SLIP CONNECTORS. STUD WALLS NOT EXTENDING TO THE STRUCTURE/DECK ABOVE SHALL RECEIVE DIAGONAL METAL STUD BRACING AT MAXIMUM 4'-0" O.C.
F. THE SUSPENDED ACOUSTICAL TILE CEILING GRID AS SHOWN ON THESE DRAWINGS IS REPRESENTATIONAL. THE CEILING GRID IS TO BROKEN AS REQUIRED AT LIGHT FIXTURES, PROJECTION SCREENS, ETC.
G. ALL GYPSUM OR PLASTER CEILINGS AND BULKHEADS ARE TO BE PAINTED (P4) UNLESS NOTED OTHERWISE
H. SEE MECHANICAL, PLUMBING AND ELECTRICAL DOCUMENTS FOR ADDITIONAL CEILING WORK REQUIRED BY NEW MEP WORK.

REFLECTED CEILING LEGEND

- FLUORESCENT LIGHT FIXTURES, RECESSED OR SURFACE-MOUNTED, SEE ELECTRICAL DWGS
- DOWNLIGHT/HIGH BAY LIGHT FIXTURE; SEE ELECTRICAL DWGS
- CEILING MOUNTED PROJECTOR, SEE TECHNOLOGY DWGS
- RETURN/EXHAUST GRILL; SEE MECHANICAL DWGS
- SUPPLY AIR GRILL; SEE MECHANICAL DWGS
- LINEAR SLOT SUPPLY AIR GRILL; SEE MECHANICAL DWGS

CL1 — SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1713
STYLE: SCHOOL ZONE HIGH CAC, HIGH NRC, SQUARE EDGE
COLOR: WHITE
SIZE: 24" x 24" x 3/4"
LOCATION: CLASSROOMS/OFFICES/CORRIDORS

CL2 — SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1754
STYLE: FINE FISSURED HIGH NRC
COLOR: WHITE
SIZE: 24" x 24" x 7/8"
LOCATION: PERFORMING ARTS ROOMS

CL3 — SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1935
STYLE: ULTIMA HEALTH ZONE, SQUARE EDGE
COLOR: WHITE
SIZE: 2' x 2' x 3/4"
LOCATION: RESTROOMS/KITCHENS

CL4 — SUSPENDED GYPSUM WALLBOARD CEILING SYSTEM / BULKHEAD
USE 5/8" WALLBOARD
PAINT: (P4) CEILING BRIGHT WHITE UNLESS NOTED OTHERWISE. SEE A800 FOR FINISH INFORMATION.

CL5 — MUSIC PRACTICE ROOM DOUBLE CEILING SYSTEM
INSTALL CEILING TYPE "CL2" @ +(10'-0") A.F.F.
INSTALL CEILING TYPE "CL4" @ +(12'-0") A.F.F. W/ SOUND BATTS ABOVE
INSTALL ACOUSTICAL SEALANT AT PERIMETER OF BOTH CEILINGS AND AT ALL PENETRATIONS.

CL6 — EXPOSED STRUCTURE - PAINTED (P4), U.N.O.
SEE A800 FOR FINISH INFORMATION.

CL7 — SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1754
STYLE: FINE FISSURED HIGH NRC
COLOR: BLACK
SIZE: 24" x 24" x 7/8"
LOCATION: THEATER TECH BOOTHS

CL8 — SUSPENDED METAL ACOUSTICAL CLOUD CEILING
MFR: ARMSTRONG SERPENTINA WAVES
DESCRIPTION: CURVED METAL CLOUDS 45 DEGREE ARC VALLEY
COLOR: WOOD LOOK
SIZE PER DRAWINGS

CL9 — SUSPENDED METAL ACOUSTICAL CLOUD CEILING
MFR: ARMSTRONG SERPENTINA WAVES
DESCRIPTION: CURVED METAL CLOUDS 30 DEGREE ARC VALLEY
COLOR: WOOD LOOK
SIZE PER DRAWINGS

CL10 — PYRAMIDAL SOUND DIFFUSING TILES IN SUSP. LAY-IN CEILING
MFR: DECOFORM PD2424F
DESCRIPTION: 1/8" MIN. ONE-PIECE FRP OR MOLDED REINFORCED FIBERGLASS
COLOR: WHITE
SIZE: 2' x 2'

CL11 — SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #3352
STYLE: OPTIMA OPEN PLAN / CAC BACKING
DESCRIPTION: SQUARE EDGE
COLOR: WHITE SIZE: 48" x 48" x 1"
LOCATION: CAFETERIA

CL12 — SUSPENDED PET ACOUSTICAL CLOUD CEILING
MFR: TURF
STYLE: PLAID
COLOR: SEE PLAN FOR COLOR, PER LOCATION
LOCATION: COMMONS & MEDIA CENTER
EXPOSED STRUCTURE ABOVE TO BE PAINTED (P4)

CL13 — SUSPENDED PET ACOUSTICAL BAFFLES
MFR: TURF
STYLE: BEAM
SIZE: 3"W x 8"H x 6'L
COLOR: 11 CELADON (PET2)
LOCATION: GATHERING STAIR

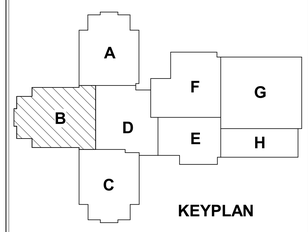
CL14 — SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG
STYLE: CIRRUS SECOND LOOK III
COLOR: WHITE SIZE: 24" x 48" x 3/4"
LOCATION: CAFETERIA, CORRIDORS AS NOTED

CL15 — SUSPENDED METAL GRID CEILING
MFR: ARMSTRONG
STYLE: 360 PAINTED GRID SIZE: 2' x 2'
COLOR: SW6454 SHAMROCK (P3)
LOCATION: CAFETERIA

CL16 — METAL SOFFIT PANELS

+0' - 0" — CEILING ELEVATION MARK ABOVE FINISHED FLOOR (AT THAT LOCATION IF MULTIPLE FLOOR LEVELS ARE PRESENT)

XX — CEILING PAINT; REFER TO FINISH LEGEND ON A800.



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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
17707 CENTENNIAL RD, WESTFIELD, IN 46074

BID DOCUMENTS

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. The drawings are not intended to completely describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

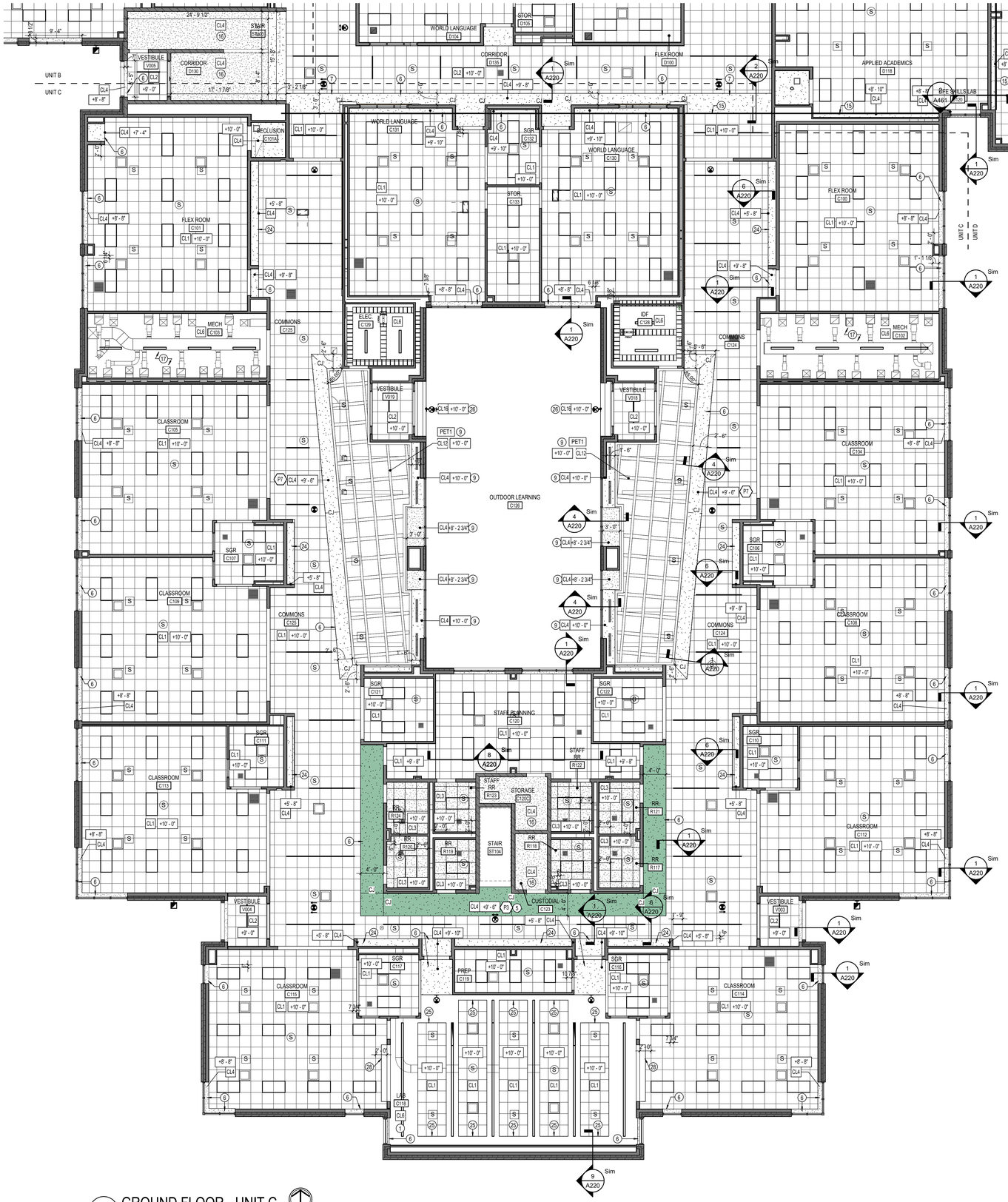
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
FIRST FLOOR REFLECTED CEILING PLAN - UNIT B

CERTIFIED BY:
BRENTON C. HITE REGISTERED No. AR11700184 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
A211B

PROJECT NUMBER
2023061



1 A211C GROUND FLOOR - UNIT C
SCALE: 1/8" = 1'-0"

NORTH

REFLECTED CEILING PLAN NOTES

1 PAINTED EXPOSED DECK
2 SPRAY EXPOSED METAL DECK WITH K-13 ACOUSTICAL INSULATION. PAINT ALL EXPOSED MEP ITEMS AND REMAINING STRUCTURE.
3 CEILING MOUNTED SWIVEL HOOK THROUGH CEILING TILE. PROVIDE TRIM RING, COORD WITH STRUCTURAL DRAWINGS.
4 CEILING MOUNTED RETRACTABLE ACOUSTIC CURTAIN
5 PAINT FINISH INDICATED TO BE APPLIED TO UNDERSIDE OF BULKHEAD ONLY. SEE A800 SHEETS FOR ADDITIONAL INFORMATION.
6 BULKHEAD - SEE DETAIL 1/A220
7 BULKHEAD - SEE DETAIL 2/A220
8 BULKHEAD - SEE DETAIL 3/A220
9 BULKHEAD - SEE DETAIL 4/A220
10 BULKHEAD - SEE DETAIL 5/A220
11 AXIOM - SEE DETAIL 7/A220
12 AXIOM - SEE DETAIL 8/A220
13 BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +8'-8" AFF
14 BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +10'-0" AFF
15 EXPANSION JOINT
16 CL4 ON UNDERSIDE OF STAIRS. SEE VERTICAL CIRCULATION DRAWINGS.
17 NO CEILING PAINT
18 BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +8'-0" AFF
19 KITCHEN HOOD, COORDINATE LOCATION, SEE FEC DRAWINGS
20 PROVIDE CLOSURE PANEL FROM TOP OF COOLER/FREEZER TO BOTTOM OF CEILING, BY FEC.
21 STEEL LINTEL BOTTOM @ + 7'-4", COORDINATE WITH FEC FOR PASS THROUGHS, SOAP CMU BLOCKS ONTO LINTEL
22 CEILING IN ART LAB D200 TO BE TEGULAR TILE IN LEIU OF SQUARE EDGE TILE DUE TO CEILING SLOPE.
23 CEILING MOUNTED ACCESS PANEL, COORDINATE LOCATION AND FINAL SIZE WITH OVERHEAD COILING DOOR MFR.
24 BULKHEAD - SEE DETAIL 6/A220
25 AXIOM - SEE DETAIL 9/A220
26 METAL SOFFIT
27 ACOUSTIC PADS ABOVE CEILING TILES
28 EDGE TRIM AROUND OPENING IN CEILING WHERE OVERHEAD SECTIONAL DOOR WILL RETRACT ABOVE CEILING, COORD. WIDTH WITH OVERHEAD SECTIONAL DOOR

GENERAL REFLECTED CEILING PLAN NOTES

A. SEE THE ELECTRICAL DRAWINGS FOR SIZES, TYPES, AND QUANTITIES OF LIGHT FIXTURES, SPEAKERS, SMOKE DETECTORS, AND OTHER CEILING MOUNTED ELECTRICAL DEVICES.
B. SEE THE MECHANICAL DRAWINGS FOR SIZES, TYPES, AND QUANTITIES OF DIFFUSERS, GRILLES, AND OTHER MECHANICAL CEILING MOUNTED DEVICES.
C. PROVIDE, FIELD LOCATE AND INSTALL 16"x16" FLUSH ACCESS PANELS AT ALL MECHANICAL AND PLUMBING PIPING VALVE LOCATIONS ABOVE SUSPENDED GYPSUM BOARD CEILINGS. SEE THE MECHANICAL AND PLUMBING DRAWINGS FOR LOCATIONS.
D. SEE THE STRUCTURAL DRAWINGS FOR MASONRY WALLS USED FOR SHEAR WALLS THAT ARE REQUIRED TO EXTEND TO DECK/STRUCTURE ABOVE. PROVIDE BRACING FOR ALL MASONRY WALLS NOT EXTENDING TO THE DECK/STRUCTURE AS DETAILED ON STRUCTURAL DRAWINGS.
E. METAL STUDS WALLS SHALL BE ATTACHED TO THE STRUCTURE ABOVE WITH SLIP CONNECTORS. STUD WALLS NOT EXTENDING TO THE STRUCTURE/DECK ABOVE SHALL RECEIVE DIAGONAL METAL STUD BRACING AT MAXIMUM 4'-0" O.C.
F. THE SUSPENDED ACOUSTICAL TILE CEILING GRID AS SHOWN ON THESE DRAWINGS IS REPRESENTATIONAL. THE CEILING GRID IS TO BROKEN AS REQUIRED AT LIGHT FIXTURES, PROJECTION SCREENS, ETC.
G. ALL GYPSUM OR PLASTER CEILINGS AND BULKHEADS ARE TO BE PAINTED (P4) UNLESS NOTED OTHERWISE
H. SEE MECHANICAL, PLUMBING AND ELECTRICAL DOCUMENTS FOR ADDITIONAL CEILING WORK REQUIRED BY NEW MEP WORK.

REFLECTED CEILING LEGEND

- FLUORESCENT LIGHT FIXTURES, RECESSED OR SURFACE-MOUNTED, SEE ELECTRICAL DWGS
- DOWNLIGHT/HIGH BAY LIGHT FIXTURE; SEE ELECTRICAL DWGS
- CEILING MOUNTED PROJECTOR, SEE TECHNOLOGY DWGS
- RETURN/EXHAUST GRILL; SEE MECHANICAL DWGS
- SUPPLY AIR GRILL; SEE MECHANICAL DWGS
- LINEAR SLOT SUPPLY AIR GRILL; SEE MECHANICAL DWGS

CL1 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1713
STYLE: SCHOOL ZONE HIGH CAC, HIGH NRC, SQUARE EDGE
COLOR: WHITE
SIZE: 24" x 24" x 3/4"
LOCATION: CLASSROOMS/OFFICES/CORRIDORS

CL2 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1754
STYLE: FINE FISSURED HIGH NRC
COLOR: WHITE
SIZE: 24" x 24" x 7/8"
LOCATION: PERFORMING ARTS ROOMS

CL3 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1935
STYLE: ULTIMA HEALTH ZONE, SQUARE EDGE
COLOR: WHITE
SIZE: 2' x 2' x 3/4"
LOCATION: RESTROOMS/KITCHENS

CL4 SUSPENDED GYPSUM WALLBOARD CEILING SYSTEM / BULKHEAD
USE 5/8" WALLBOARD
PAINT: (P4) CEILING BRIGHT WHITE UNLESS NOTED OTHERWISE.
SEE A800 FOR FINISH INFORMATION.

CL5 MUSIC PRACTICE ROOM DOUBLE CEILING SYSTEM
INSTALL CEILING TYPE "CL2" @ +(10'-0") A.F.F.
INSTALL CEILING TYPE "CL4" @ +(12'-0") A.F.F. W/ SOUND BATTS ABOVE
INSTALL ACOUSTICAL SEALANT AT PERIMETER OF BOTH CEILINGS AND AT ALL PENETRATIONS.

CL6 EXPOSED STRUCTURE - PAINTED (P4), U.N.O.
SEE A800 FOR FINISH INFORMATION.

CL7 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1754
STYLE: FINE FISSURED HIGH NRC
COLOR: BLACK
SIZE: 24" x 24" x 7/8"
LOCATION: THEATER TECH BOOTHS

CL8 SUSPENDED METAL ACOUSTICAL CLOUD CEILING
MFR: ARMSTRONG SERPENTINA WAVES
DESCRIPTION: CURVED METAL CLOUDS 45 DEGREE ARC VALLEY
COLOR: WOOD LOOK
SIZE PER DRAWINGS

CL9 SUSPENDED METAL ACOUSTICAL CLOUD CEILING
MFR: ARMSTRONG SERPENTINA WAVES
DESCRIPTION: CURVED METAL CLOUDS 30 DEGREE ARC VALLEY
COLOR: WOOD LOOK
SIZE PER DRAWINGS

CL10 PYRAMIDAL SOUND DIFFUSING TILES IN SUSP. LAY-IN CEILING
MFR: DECOFORM PD2424F
DESCRIPTION: 1/8" MIN. ONE-PIECE FRP OR MOLDED REINFORCED FIBERGLASS
COLOR: WHITE
SIZE: 2' x 2'

CL11 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #3352
STYLE: OPTIMA OPEN PLAN / CAC BACKING
DESCRIPTION: SQUARE EDGE
COLOR: WHITE SIZE: 48" x 48" x 1"
LOCATION: CAFETERIA

CL12 SUSPENDED PET ACOUSTICAL CLOUD CEILING
MFR: TURF
STYLE: PLAID
COLOR: SEE PLAN FOR COLOR, PER LOCATION
LOCATION: COMMONS & MEDIA CENTER
EXPOSED STRUCTURE ABOVE TO BE PAINTED (P4)

CL13 SUSPENDED PET ACOUSTICAL BAFFLES
MFR: TURF
STYLE: BEAM
SIZE: 3"W x 8"H x 6'L
COLOR: 11 CELADON (PET2)
LOCATION: GATHERING STAIR

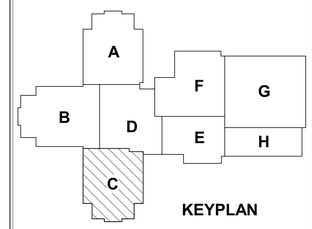
CL14 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG
STYLE: CIRRUS SECOND LOOK III
COLOR: WHITE SIZE: 24" x 48" x 3/4"
LOCATION: CAFETERIA, CORRIDORS AS NOTED

CL15 SUSPENDED METAL GRID CEILING
MFR: ARMSTRONG
STYLE: 360 PAINTED GRID SIZE: 2' x 2'
COLOR: SW6454 SHAMROCK (P3)
LOCATION: CAFETERIA

CL16 METAL SOFFIT PANELS

+0' - 0" CEILING ELEVATION MARK ABOVE FINISHED FLOOR (AT THAT LOCATION IF MULTIPLE FLOOR LEVELS ARE PRESENT)

XX CEILING PAINT; REFER TO FINISH LEGEND ON A800.



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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of construction and materials to be employed.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
Refer to the specific general scope indicated or described the trade contractor shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

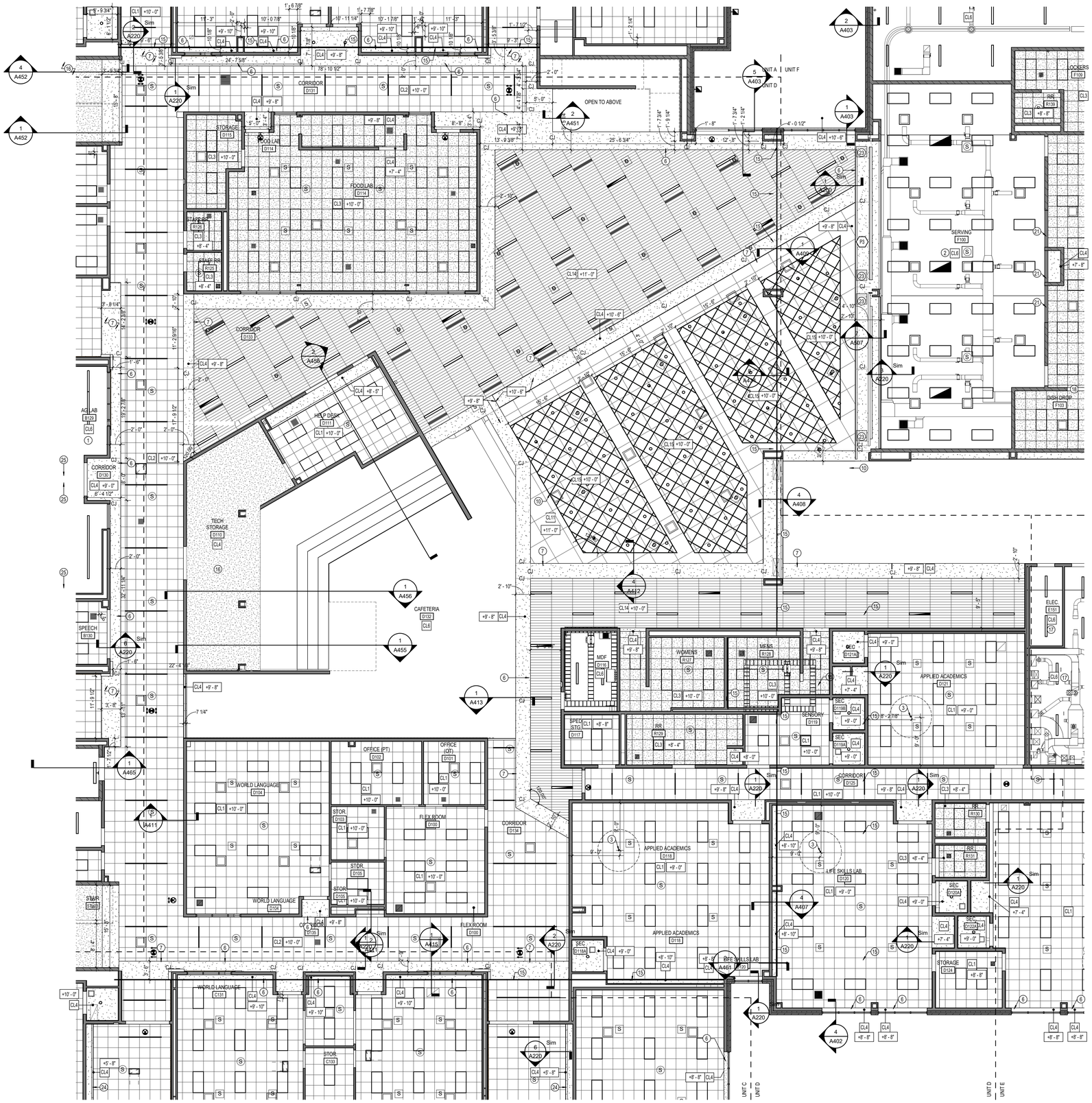
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
FIRST FLOOR REFLECTED CEILING PLAN - UNIT C

CERTIFIED BY:
BRENTON C. HITE REGISTERED No. AR11700184 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
A211C

PROJECT NUMBER
2023061



1 A211D GROUND FLOOR - UNIT D
SCALE: 1/8" = 1'-0"

REFLECTED CEILING PLAN NOTES

1. PAINTED EXPOSED DECK
2. SPRAY EXPOSED METAL DECK WITH K-13 ACOUSTICAL INSULATION. PAINT ALL EXPOSED MEP ITEMS AND REMAINING STRUCTURE.
3. CEILING MOUNTED SWIVEL HOOK THROUGH CEILING TILE, PROVIDE TRIM RING, COORD WITH STRUCTURAL DRAWINGS.
4. CEILING MOUNTED RETRACTABLE ACOUSTIC CURTAIN
5. PAINT FINISH INDICATED TO BE APPLIED TO UNDERSIDE OF BULKHEAD ONLY. SEE A800 SHEETS FOR ADDITIONAL INFORMATION.
6. BULKHEAD - SEE DETAIL 1/A220
7. BULKHEAD - SEE DETAIL 2/A220
8. BULKHEAD - SEE DETAIL 3/A220
9. BULKHEAD - SEE DETAIL 4/A220
10. BULKHEAD - SEE DETAIL 5/A220
11. AXIOM - SEE DETAIL 7/A220
12. AXIOM - SEE DETAIL 8/A220
13. BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +8'-8" AFF
14. BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +10'-0" AFF
15. EXPANSION JOINT
16. CL4 ON UNDERSIDE OF STAIRS. SEE VERTICAL CIRCULATION DRAWINGS.
17. NO CEILING PAINT
18. BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +8'-0" AFF
19. KITCHEN HOOD, COORDINATE LOCATION, SEE FEC DRAWINGS
20. PROVIDE CLOSURE PANEL FROM TOP OF COOLER/FREEZER TO BOTTOM OF CEILING, BY FEC.
21. STEEL LINTEL BOTTOM @ + 7'-4", COORDINATE WITH FEC FOR PASS THROUGHS, SOAP CMU BLOCKS ONTO LINTEL
22. CEILING IN ART LAB D200 TO BE TEGULAR TILE IN LEIU OF SQUARE EDGE TILE DUE TO CEILING SLOPE.
23. CEILING MOUNTED ACCESS PANEL, COORDINATE LOCATION AND FINAL SIZE WITH OVERHEAD COILING DOOR MFR.
24. BULKHEAD - SEE DETAIL 6/A220
25. AXIOM - SEE DETAIL 9/A220
26. METAL SOFFIT
27. ACOUSTIC PADS ABOVE CEILING TILES
28. EDGE TRIM AROUND OPENING IN CEILING WHERE OVERHEAD SECTIONAL DOOR WILL RETRACT ABOVE CEILING; COORD. WIDTH WITH OVERHEAD SECTIONAL DOOR

GENERAL REFLECTED CEILING PLAN NOTES

A. SEE THE ELECTRICAL DRAWINGS FOR SIZES, TYPES, AND QUANTITIES OF LIGHT FIXTURES, SPEAKERS, SMOKE DETECTORS, AND OTHER CEILING MOUNTED ELECTRICAL DEVICES.
B. SEE THE MECHANICAL DRAWINGS FOR SIZES, TYPES, AND QUANTITIES OF DIFFUSERS, GRILLES, AND OTHER MECHANICAL CEILING MOUNTED DEVICES.
C. PROVIDE, FIELD LOCATE AND INSTALL 16"x16" FLUSH ACCESS PANELS AT ALL MECHANICAL AND PLUMBING PIPING VALVE LOCATIONS ABOVE SUSPENDED GYPSUM BOARD CEILINGS. SEE THE MECHANICAL AND PLUMBING DRAWINGS FOR LOCATIONS.
D. SEE THE STRUCTURAL DRAWINGS FOR MASONRY WALLS USED FOR SHEAR WALLS THAT ARE REQUIRED TO EXTEND TO DECK/STRUCTURE ABOVE. PROVIDE BRACING FOR ALL MASONRY WALLS NOT EXTENDING TO THE DECK/STRUCTURE AS DETAILED ON STRUCTURAL DRAWINGS.
E. METAL STUDS WALLS SHALL BE ATTACHED TO THE STRUCTURE ABOVE WITH SLIP CONNECTORS. STUD WALLS NOT EXTENDING TO THE STRUCTURE/DECK ABOVE SHALL RECEIVE DIAGONAL METAL STUD BRACING AT MAXIMUM 4'-0" O.C.
F. THE SUSPENDED ACOUSTICAL TILE CEILING GRID AS SHOWN ON THESE DRAWINGS IS REPRESENTATIONAL. THE CEILING GRID IS TO BROKEN AS REQUIRED AT LIGHT FIXTURES, PROJECTION SCREENS, ETC.
G. ALL GYPSUM OR PLASTER CEILINGS AND BULKHEADS ARE TO BE PAINTED (P4) UNLESS NOTED OTHERWISE
H. SEE MECHANICAL, PLUMBING AND ELECTRICAL DOCUMENTS FOR ADDITIONAL CEILING WORK REQUIRED BY NEW MEP WORK.

REFLECTED CEILING LEGEND

- FLUORESCENT LIGHT FIXTURES, RECESSED OR SURFACE-MOUNTED, SEE ELECTRICAL DWGS
- DOWNLIGHT/HIGH BAY LIGHT FIXTURE; SEE ELECTRICAL DWGS
- CEILING MOUNTED PROJECTOR, SEE TECHNOLOGY DWGS
- RETURN/EXHAUST GRILL; SEE MECHANICAL DWGS
- SUPPLY AIR GRILL; SEE MECHANICAL DWGS
- LINEAR SLOT SUPPLY AIR GRILL; SEE MECHANICAL DWGS

CL1 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1713
STYLE: SCHOOL ZONE HIGH CAC, HIGH NRC, SQUARE EDGE
COLOR: WHITE
SIZE: 24" x 24" x 3/4"
LOCATION: CLASSROOMS/OFFICES/CORRIDORS

CL2 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1754
STYLE: FINE FISSURED HIGH NRC
COLOR: WHITE
SIZE: 24" x 24" x 7/8"
LOCATION: PERFORMING ARTS ROOMS

CL3 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1935
STYLE: ULTIMA HEALTH ZONE, SQUARE EDGE
COLOR: WHITE
SIZE: 2' x 2' x 3/4"
LOCATION: RESTROOMS/KITCHENS

CL4 SUSPENDED GYPSUM WALLBOARD CEILING SYSTEM / BULKHEAD
USE 5/8" WALLBOARD
PAINT: (P4) CEILING BRIGHT WHITE UNLESS NOTED OTHERWISE.
SEE A800 FOR FINISH INFORMATION.

CL5 MUSIC PRACTICE ROOM DOUBLE CEILING SYSTEM
INSTALL CEILING TYPE "CL2" @ +(10'-0") A.F.F.
INSTALL CEILING TYPE "CL4" @ +(12'-0") A.F.F. W/ SOUND BATTS ABOVE
INSTALL ACOUSTICAL SEALANT AT PERIMETER OF BOTH CEILINGS AND AT ALL PENETRATIONS.

CL6 EXPOSED STRUCTURE - PAINTED (P4), U.N.O.
SEE A800 FOR FINISH INFORMATION.

CL7 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1754
STYLE: FINE FISSURED HIGH NRC
COLOR: BLACK
SIZE: 24" x 24" x 7/8"
LOCATION: THEATER TECH BOOTHS

CL8 SUSPENDED METAL ACOUSTICAL CLOUD CEILING
MFR: ARMSTRONG SERPENTINA WAVES
DESCRIPTION: CURVED METAL CLOUDS 45 DEGREE ARC VALLEY
COLOR: WOOD LOOK
SIZE PER DRAWINGS

CL9 SUSPENDED METAL ACOUSTICAL CLOUD CEILING
MFR: ARMSTRONG SERPENTINA WAVES
DESCRIPTION: CURVED METAL CLOUDS 30 DEGREE ARC VALLEY
COLOR: WOOD LOOK
SIZE PER DRAWINGS

CL10 PYRAMIDAL SOUND DIFFUSING TILES IN SUSP. LAY-IN CEILING
MFR: DECOFORM PD2424F
DESCRIPTION: 1/8" MIN. ONE-PIECE FRP OR MOLDED REINFORCED FIBERGLASS
COLOR: WHITE
SIZE: 2' x 2'

CL11 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #3352
STYLE: OPTIMA OPEN PLAN / CAC BACKING
DESCRIPTION: SQUARE EDGE
COLOR: WHITE SIZE: 48" x 48" x 1"
LOCATION: CAFETERIA

CL12 SUSPENDED PET ACOUSTICAL CLOUD CEILING
MFR: TURF
STYLE: PLAID
COLOR: SEE PLAN FOR COLOR, PER LOCATION
LOCATION: COMMONS & MEDIA CENTER
EXPOSED STRUCTURE ABOVE TO BE PAINTED (P4)

CL13 SUSPENDED PET ACOUSTICAL BAFFLES
MFR: TURF
STYLE: BEAM
SIZE: 3"W x 8"H x 6'L
COLOR: 11 CELADON (PET2)
LOCATION: GATHERING STAIR

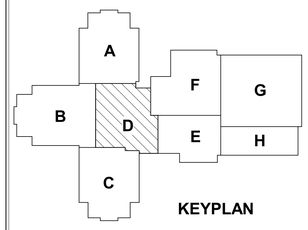
CL14 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG
STYLE: CIRRUS SECOND LOOK III
COLOR: WHITE SIZE: 24" x 48" x 3/4"
LOCATION: CAFETERIA, CORRIDORS AS NOTED

CL15 SUSPENDED METAL GRID CEILING
MFR: ARMSTRONG
STYLE: 360 PAINTED GRID SIZE: 2' x 2'
COLOR: SW6454 SHAMROCK (P3)
LOCATION: CAFETERIA

CL16 METAL SOFFIT PANELS

+0'-0" CEILING ELEVATION MARK ABOVE FINISHED FLOOR (AT THAT LOCATION IF MULTIPLE FLOOR LEVELS ARE PRESENT)

XX CEILING PAINT; REFER TO FINISH LEGEND ON A800.



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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. The drawings are not intended to completely describe all work required for full performance and completion of the requirements of the Contract.
The Trade Contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

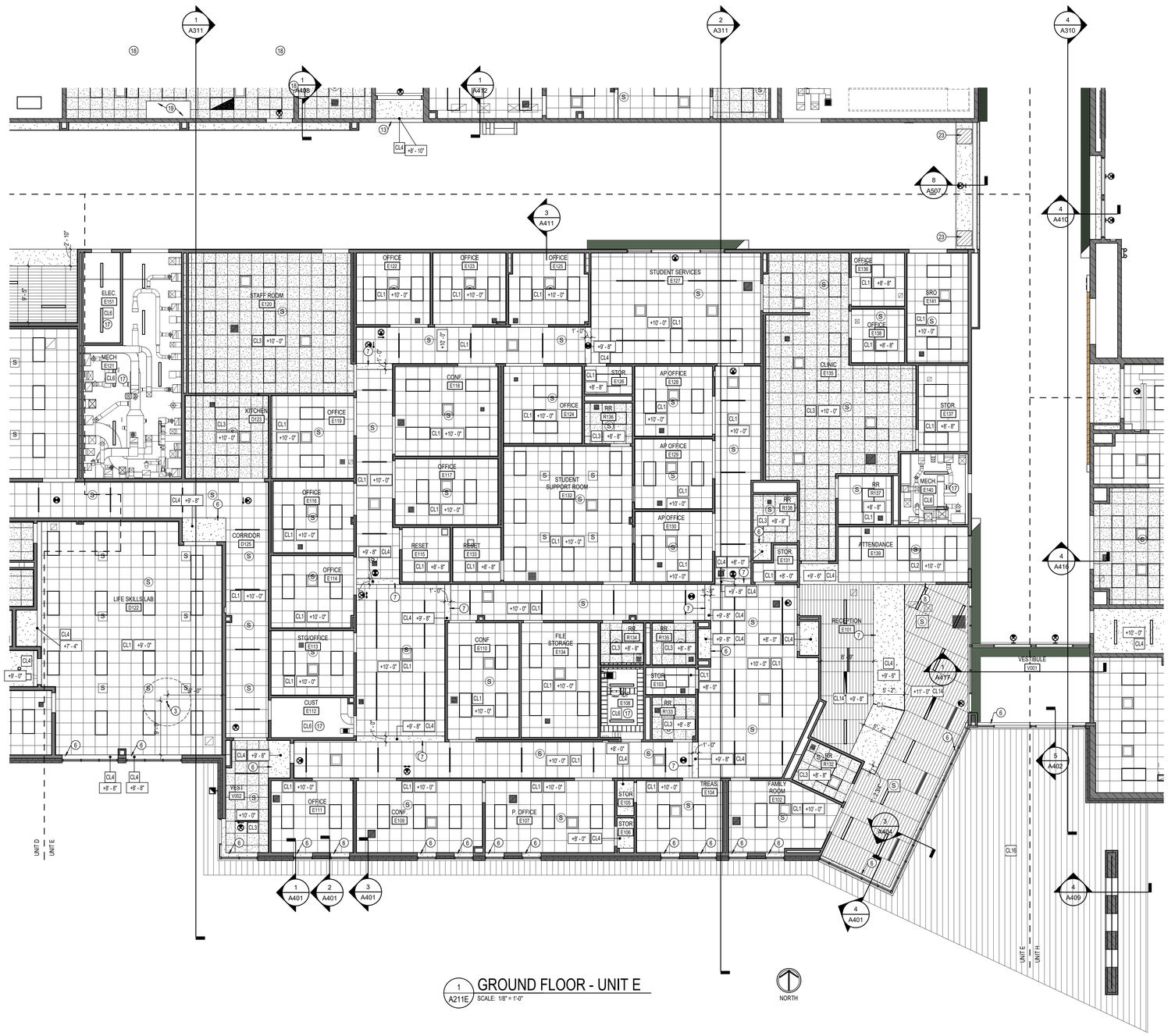
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
FIRST FLOOR REFLECTED CEILING PLAN - UNIT D

CERTIFIED BY:
BRENDON C. HIRT REGISTERED No. AR11700184 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
A211D

PROJECT NUMBER
2023061



1 A211E GROUND FLOOR - UNIT E
SCALE: 1/8" = 1'-0"

REFLECTED CEILING PLAN NOTES

1. PAINTED EXPOSED DECK
2. SPRAY EXPOSED METAL DECK WITH K-13 ACOUSTICAL INSULATION. PAINT ALL EXPOSED MEP ITEMS AND REMAINING STRUCTURE.
3. CEILING MOUNTED SWIVEL HOOK THROUGH CEILING TILE. PROVIDE TRIM RING, COORD WITH STRUCTURAL DRAWINGS.
4. CEILING MOUNTED RETRACTABLE ACOUSTIC CURTAIN
5. PAINT FINISH INDICATED TO BE APPLIED TO UNDERSIDE OF BULKHEAD ONLY. SEE A800 SHEETS FOR ADDITIONAL INFORMATION.
6. BULKHEAD - SEE DETAIL 1/A220
7. BULKHEAD - SEE DETAIL 2/A220
8. BULKHEAD - SEE DETAIL 3/A220
9. BULKHEAD - SEE DETAIL 4/A220
10. BULKHEAD - SEE DETAIL 5/A220
11. AXIOM - SEE DETAIL 7/A220
12. AXIOM - SEE DETAIL 8/A220
13. BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +8'-8" AFF
14. BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +10'-0" AFF
15. EXPANSION JOINT
16. CL4 ON UNDERSIDE OF STAIRS. SEE VERTICAL CIRCULATION DRAWINGS.
17. NO CEILING PAINT
18. BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +8'-0" AFF
19. KITCHEN HOOD, COORDINATE LOCATION. SEE FEC DRAWINGS
20. PROVIDE CLOSURE PANEL FROM TOP OF COOLER/FREEZER TO BOTTOM OF CEILING. BY FEC.
21. STEEL LINTEL BOTTOM @ + 7'-4", COORDINATE WITH FEC FOR PASS THROUGHS, SOAP CMU BLOCKS ONTO LINTEL
22. CEILING IN ART LAB D200 TO BE TEGULAR TILE IN LEIU OF SQUARE EDGE TILE DUE TO CEILING SLOPE.
23. CEILING MOUNTED ACCESS PANEL, COORDINATE LOCATION AND FINAL SIZE WITH OVERHEAD COILING DOOR MFR.
24. BULKHEAD - SEE DETAIL 6/A220
25. AXIOM - SEE DETAIL 9/A220
26. METAL SOFFIT
27. ACOUSTIC PADS ABOVE CEILING TILES
28. EDGE TRIM AROUND OPENING IN CEILING WHERE OVERHEAD SECTIONAL DOOR WILL RETRACT ABOVE CEILING, COORD. WIDTH WITH OVERHEAD SECTIONAL DOOR.

GENERAL REFLECTED CEILING PLAN NOTES

A. SEE THE ELECTRICAL DRAWINGS FOR SIZES, TYPES, AND QUANTITIES OF LIGHT FIXTURES, SPEAKERS, SMOKE DETECTORS, AND OTHER CEILING MOUNTED ELECTRICAL DEVICES.
B. SEE THE MECHANICAL DRAWINGS FOR SIZES, TYPES, AND QUANTITIES OF DIFFUSERS, GRILLES, AND OTHER MECHANICAL CEILING MOUNTED DEVICES.
C. PROVIDE, FIELD LOCATE AND INSTALL 16"x16" FLUSH ACCESS PANELS AT ALL MECHANICAL AND PLUMBING PIPING VALVE LOCATIONS ABOVE SUSPENDED GYPSUM BOARD CEILINGS. SEE THE MECHANICAL AND PLUMBING DRAWINGS FOR LOCATIONS.
D. SEE THE STRUCTURAL DRAWINGS FOR MASONRY WALLS USED FOR SHEAR WALLS THAT ARE REQUIRED TO EXTEND TO DECK/STRUCTURE ABOVE. PROVIDE BRACING FOR ALL MASONRY WALLS NOT EXTENDING TO THE DECK/STRUCTURE AS DETAILED ON STRUCTURAL DRAWINGS.
E. METAL STUDS WALLS SHALL BE ATTACHED TO THE STRUCTURE ABOVE WITH SLIP CONNECTORS. STUD WALLS NOT EXTENDING TO THE STRUCTURE/DECK ABOVE SHALL RECEIVE DIAGONAL METAL STUD BRACING AT MAXIMUM 4'-0" O.C.
F. THE SUSPENDED ACOUSTICAL TILE CEILING GRID AS SHOWN ON THESE DRAWINGS IS REPRESENTATIONAL. THE CEILING GRID IS TO BROKEN AS REQUIRED AT LIGHT FIXTURES, PROJECTION SCREENS, ETC.
G. ALL GYPSUM OR PLASTER CEILINGS AND BULKHEADS ARE TO BE PAINTED (P4) UNLESS NOTED OTHERWISE
H. SEE MECHANICAL, PLUMBING AND ELECTRICAL DOCUMENTS FOR ADDITIONAL CEILING WORK REQUIRED BY NEW MEP WORK.

REFLECTED CEILING LEGEND

- FLUORESCENT LIGHT FIXTURES, RECESSED OR SURFACE-MOUNTED, SEE ELECTRICAL DWGS
- DOWNLIGHT/HIGH BAY LIGHT FIXTURE; SEE ELECTRICAL DWGS
- CEILING MOUNTED PROJECTOR, SEE TECHNOLOGY DWGS
- RETURN/EXHAUST GRILL; SEE MECHANICAL DWGS
- SUPPLY AIR GRILL; SEE MECHANICAL DWGS
- LINEAR SLOT SUPPLY AIR GRILL; SEE MECHANICAL DWGS

CL1 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1713
STYLE: SCHOOL ZONE HIGH CAC, HIGH NRC, SQUARE EDGE
COLOR: WHITE
SIZE: 24" x 24" x 3/4"
LOCATION: CLASSROOMS/OFFICES/CORRIDORS

CL2 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1754
STYLE: FINE FISSURED HIGH NRC
COLOR: WHITE
SIZE: 24" x 24" x 7/8"
LOCATION: PERFORMING ARTS ROOMS

CL3 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1935
STYLE: ULTIMA HEALTH ZONE, SQUARE EDGE
COLOR: WHITE
SIZE: 2' x 2' x 3/4"
LOCATION: RESTROOMS/KITCHENS

CL4 SUSPENDED GYPSUM WALLBOARD CEILING SYSTEM / BULKHEAD
USE 5/8" WALLBOARD
PAINT: (P4) CEILING BRIGHT WHITE UNLESS NOTED OTHERWISE.
SEE A800 FOR FINISH INFORMATION.

CL5 MUSIC PRACTICE ROOM DOUBLE CEILING SYSTEM
INSTALL CEILING TYPE "CL2" @ +(10'-0") A.F.F.
INSTALL CEILING TYPE "CL4" @ +(12'-0") A.F.F. W/ SOUND BATTS ABOVE
INSTALL ACOUSTICAL SEALANT AT PERIMETER OF BOTH CEILINGS AND AT ALL PENETRATIONS.

CL6 EXPOSED STRUCTURE - PAINTED (P4), U.N.O.
SEE A800 FOR FINISH INFORMATION.

CL7 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1754
STYLE: FINE FISSURED HIGH NRC
COLOR: BLACK
SIZE: 24" x 24" x 7/8"
LOCATION: THEATER TECH BOOTHS

CL8 SUSPENDED METAL ACOUSTICAL CLOUD CEILING
MFR: ARMSTRONG SERPENTINA WAVES
DESCRIPTION: CURVED METAL CLOUDS 45 DEGREE ARC VALLEY
COLOR: WOOD LOOK
SIZE PER DRAWINGS

CL9 SUSPENDED METAL ACOUSTICAL CLOUD CEILING
MFR: ARMSTRONG SERPENTINA WAVES
DESCRIPTION: CURVED METAL CLOUDS 30 DEGREE ARC VALLEY
COLOR: WOOD LOOK
SIZE PER DRAWINGS

CL10 PYRAMIDAL SOUND DIFFUSING TILES IN SUSP. LAY-IN CEILING
MFR: DECOFORM PD2424F
DESCRIPTION: 1/8" MIN. ONE-PIECE FRP OR MOLDED REINFORCED FIBERGLASS
COLOR: WHITE
SIZE: 2' x 2'

CL11 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #3352
STYLE: OPTIMA OPEN PLAN / CAC BACKING
DESCRIPTION: SQUARE EDGE
COLOR: WHITE SIZE: 48" x 48" x 1"
LOCATION: CAFETERIA

CL12 SUSPENDED PET ACOUSTICAL CLOUD CEILING
MFR: TURF
STYLE: PLAD
COLOR: SEE PLAN FOR COLOR, PER LOCATION
LOCATION: COMMONS & MEDIA CENTER
EXPOSED STRUCTURE ABOVE TO BE PAINTED (P4)

CL13 SUSPENDED PET ACOUSTICAL BAFFLES
MFR: TURF
STYLE: BEAM
SIZE: 3"W x 8"H x 6'L
COLOR: 11 CELADON (PET2)
LOCATION: GATHERING STAIR

CL14 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG
STYLE: CIRRUS SECOND LOOK III
COLOR: WHITE SIZE: 24" x 48" x 3/4"
LOCATION: CAFETERIA, CORRIDORS AS NOTED

CL15 SUSPENDED METAL GRID CEILING
MFR: ARMSTRONG
STYLE: 360 PAINTED GRID SIZE: 2' x 2'
COLOR: SW6454 SHAMROCK (P3)
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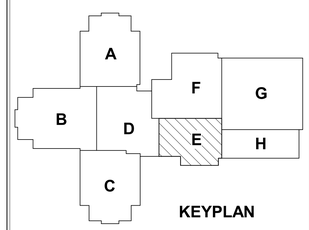
CL16 METAL SOFFIT PANELS

+0' - 0" CEILING ELEVATION MARK ABOVE FINISHED FLOOR (AT THAT LOCATION IF MULTIPLE FLOOR LEVELS ARE PRESENT)

XX CEILING PAINT: REFER TO FINISH LEGEND ON A800.



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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

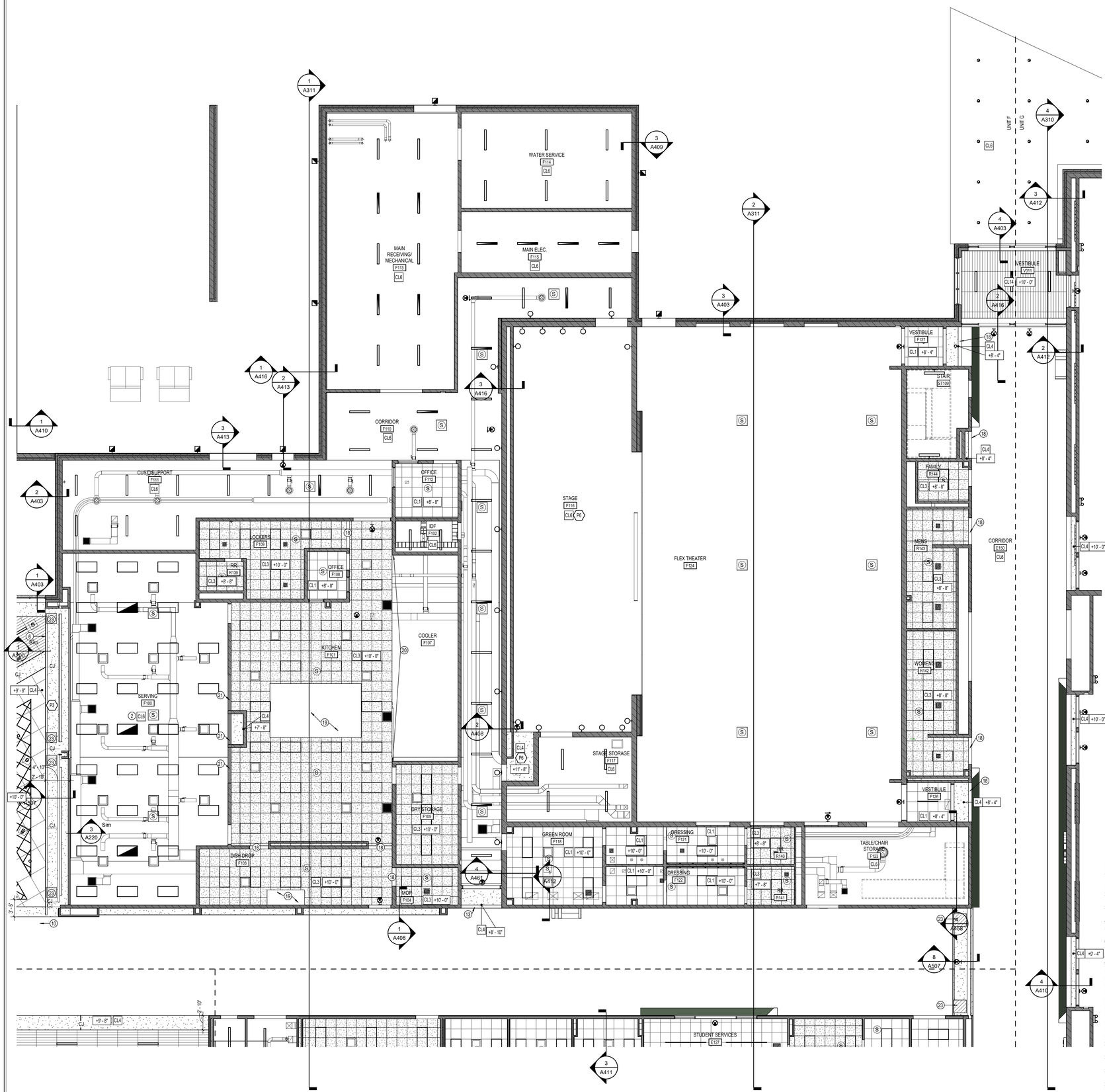
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
FIRST FLOOR REFLECTED CEILING PLAN - UNIT E

CERTIFIED BY:
BRENTON CLAYTON REGISTERED No. AR11700184 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
A211E

PROJECT NUMBER
2023061



1 A211F GROUND FLOOR - UNIT F
SCALE: 1/8" = 1'-0"

REFLECTED CEILING PLAN NOTES

1. PAINTED EXPOSED DECK
2. SPRAY EXPOSED METAL DECK WITH K-13 ACOUSTICAL INSULATION. PAINT ALL EXPOSED MEP ITEMS AND REMAINING STRUCTURE.
3. CEILING MOUNTED SWIVEL HOOK THROUGH CEILING TILE, PROVIDE TRIM RING, COORD WITH STRUCTURAL DRAWINGS.
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5. PAINT FINISH INDICATED TO BE APPLIED TO UNDERSIDE OF BULKHEAD ONLY. SEE A800 SHEETS FOR ADDITIONAL INFORMATION.
6. BULKHEAD - SEE DETAIL 1/A220
7. BULKHEAD - SEE DETAIL 2/A220
8. BULKHEAD - SEE DETAIL 3/A220
9. BULKHEAD - SEE DETAIL 4/A220
10. BULKHEAD - SEE DETAIL 5/A220
11. AXIOM - SEE DETAIL 7/A220
12. AXIOM - SEE DETAIL 8/A220
13. BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +8'-8" AFF
14. BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +10'-0" AFF
15. EXPANSION JOINT
16. CL4 ON UNDERSIDE OF STAIRS. SEE VERTICAL CIRCULATION DRAWINGS.
17. NO CEILING PAINT
18. BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +8'-0" AFF
19. KITCHEN HOOD, COORDINATE LOCATION, SEE FEC DRAWINGS
20. PROVIDE CLOSURE PANEL FROM TOP OF COOLER/FREEZER TO BOTTOM OF CEILING, BY FEC.
21. STEEL LINTEL BOTTOM @ + 7'-4", COORDINATE WITH FEC FOR PASS THROUGHS, SOAP CMU BLOCKS ONTO LINTEL
22. CEILING IN ART LAB D200 TO BE TEGULAR TILE IN LEIU OF SQUARE EDGE TILE DUE TO CEILING SLOPE.
23. CEILING MOUNTED ACCESS PANEL, COORDINATE LOCATION AND FINAL SIZE WITH OVERHEAD COILING DOOR MFR.
24. BULKHEAD - SEE DETAIL 6/A220
25. AXIOM - SEE DETAIL 9/A220
26. METAL SOFFIT
27. ACOUSTIC PADS ABOVE CEILING TILES
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B. SEE THE MECHANICAL DRAWINGS FOR SIZES, TYPES, AND QUANTITIES OF DIFFUSERS, GRILLES, AND OTHER MECHANICAL CEILING MOUNTED DEVICES.
C. PROVIDE, FIELD LOCATE AND INSTALL 16"x16" FLUSH ACCESS PANELS AT ALL MECHANICAL AND PLUMBING PIPING VALVE LOCATIONS ABOVE SUSPENDED GYPSUM BOARD CEILINGS. SEE THE MECHANICAL AND PLUMBING DRAWINGS FOR LOCATIONS.
D. SEE THE STRUCTURAL DRAWINGS FOR MASONRY WALLS USED FOR SHEAR WALLS THAT ARE REQUIRED TO EXTEND TO DECK/STRUCTURE ABOVE. PROVIDE BRACING FOR ALL MASONRY WALLS NOT EXTENDING TO THE DECK/STRUCTURE AS DETAILED ON STRUCTURAL DRAWINGS.
E. METAL STUDS WALLS SHALL BE ATTACHED TO THE STRUCTURE ABOVE WITH SLIP CONNECTORS. STUD WALLS NOT EXTENDING TO THE STRUCTURE/DECK ABOVE SHALL RECEIVE DIAGONAL METAL STUD BRACING AT MAXIMUM 4'-0" O.C.
F. THE SUSPENDED ACOUSTICAL TILE CEILING GRID AS SHOWN ON THESE DRAWINGS IS REPRESENTATIONAL. THE CEILING GRID IS TO BROKEN AS REQUIRED AT LIGHT FIXTURES, PROJECTION SCREENS, ETC.
G. ALL GYPSUM OR PLASTER CEILINGS AND BULKHEADS ARE TO BE PAINTED (P4) UNLESS NOTED OTHERWISE
H. SEE MECHANICAL, PLUMBING AND ELECTRICAL DOCUMENTS FOR ADDITIONAL CEILING WORK REQUIRED BY NEW MEP WORK.

REFLECTED CEILING LEGEND

- FLUORESCENT LIGHT FIXTURES, RECESSED OR SURFACE-MOUNTED, SEE ELECTRICAL DWGS
- DOWNLIGHT/HIGH BAY LIGHT FIXTURE; SEE ELECTRICAL DWGS
- CEILING MOUNTED PROJECTOR, SEE TECHNOLOGY DWGS
- RETURN/EXHAUST GRILL; SEE MECHANICAL DWGS
- SUPPLY AIR GRILL; SEE MECHANICAL DWGS
- LINEAR SLOT SUPPLY AIR GRILL; SEE MECHANICAL DWGS

CL1 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1713
STYLE: SCHOOL ZONE HIGH CAC, HIGH NRC, SQUARE EDGE
COLOR: WHITE
SIZE: 24" x 24" x 3/4"
LOCATION: CLASSROOMS/OFFICES/CORRIDORS

CL2 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1754
STYLE: FINE FISSURED HIGH NRC
COLOR: WHITE
SIZE: 24" x 24" x 7/8"
LOCATION: PERFORMING ARTS ROOMS

CL3 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1935
STYLE: ULTIMA HEALTH ZONE, SQUARE EDGE
COLOR: WHITE
SIZE: 2' x 2' x 3/4"
LOCATION: RESTROOMS/KITCHENS

CL4 SUSPENDED GYPSUM WALLBOARD CEILING SYSTEM / BULKHEAD
USE 5/8" WALLBOARD
PAINT: (P4) CEILING BRIGHT WHITE UNLESS NOTED OTHERWISE.
SEE A800 FOR FINISH INFORMATION.

CL5 MUSIC PRACTICE ROOM DOUBLE CEILING SYSTEM
INSTALL CEILING TYPE "CL2" @ +(10'-0") A.F.F.
INSTALL CEILING TYPE "CL4" @ +(12'-0") A.F.F. W/ SOUND BATTS ABOVE
INSTALL ACOUSTICAL SEALANT AT PERIMETER OF BOTH CEILINGS AND AT ALL PENETRATIONS.

CL6 EXPOSED STRUCTURE - PAINTED (P4), U.N.O.
SEE A800 FOR FINISH INFORMATION.

CL7 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1754
STYLE: FINE FISSURED HIGH NRC
COLOR: BLACK
SIZE: 24" x 24" x 7/8"
LOCATION: THEATER TECH BOOTHS

CL8 SUSPENDED METAL ACOUSTICAL CLOUD CEILING
MFR: ARMSTRONG SERPENTINA WAVES
DESCRIPTION: CURVED METAL CLOUDS 45 DEGREE ARC VALLEY
COLOR: WOOD LOOK
SIZE PER DRAWINGS

CL9 SUSPENDED METAL ACOUSTICAL CLOUD CEILING
MFR: ARMSTRONG SERPENTINA WAVES
DESCRIPTION: CURVED METAL CLOUDS 30 DEGREE ARC VALLEY
COLOR: WOOD LOOK
SIZE PER DRAWINGS

CL10 PYRAMIDAL SOUND DIFFUSING TILES IN SUSP. LAY-IN CEILING
MFR: DECOFORM PD24Q4F
DESCRIPTION: 1/8" MIN. ONE-PIECE FRP OR MOLDED REINFORCED FIBERGLASS
COLOR: WHITE
SIZE: 2' x 2'

CL11 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #3352
STYLE: OPTIMA OPEN PLAN / CAC BACKING
DESCRIPTION: SQUARE EDGE
COLOR: WHITE SIZE: 48" x 48" x 1"
LOCATION: CAFETERIA

CL12 SUSPENDED PET ACOUSTICAL CLOUD CEILING
MFR: TURF
STYLE: PLAID
COLOR: SEE PLAN FOR COLOR, PER LOCATION
LOCATION: COMMONS & MEDIA CENTER
EXPOSED STRUCTURE ABOVE TO BE PAINTED (P4)

CL13 SUSPENDED PET ACOUSTICAL BAFFLES
MFR: TURF
STYLE: BEAM
SIZE: 3"W x 8"H x 6'L
COLOR: 11 CELADON (PET2)
LOCATION: GATHERING STAIR

CL14 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG
STYLE: CIRRUS SECOND LOOK III
COLOR: WHITE SIZE: 24" x 48" x 3/4"
LOCATION: CAFETERIA, CORRIDORS AS NOTED

CL15 SUSPENDED METAL GRID CEILING
MFR: ARMSTRONG
STYLE: 360 PAINTED GRID SIZE: 2' x 2'
COLOR: SW6454 SHAMROCK (P3)
LOCATION: CAFETERIA

CL16 METAL SOFFIT PANELS

+0' - 0" CEILING ELEVATION MARK ABOVE FINISHED FLOOR (AT THAT LOCATION IF MULTIPLE FLOOR LEVELS ARE PRESENT)

XX CEILING PAINT; REFER TO FINISH LEGEND ON A800.

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for the performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

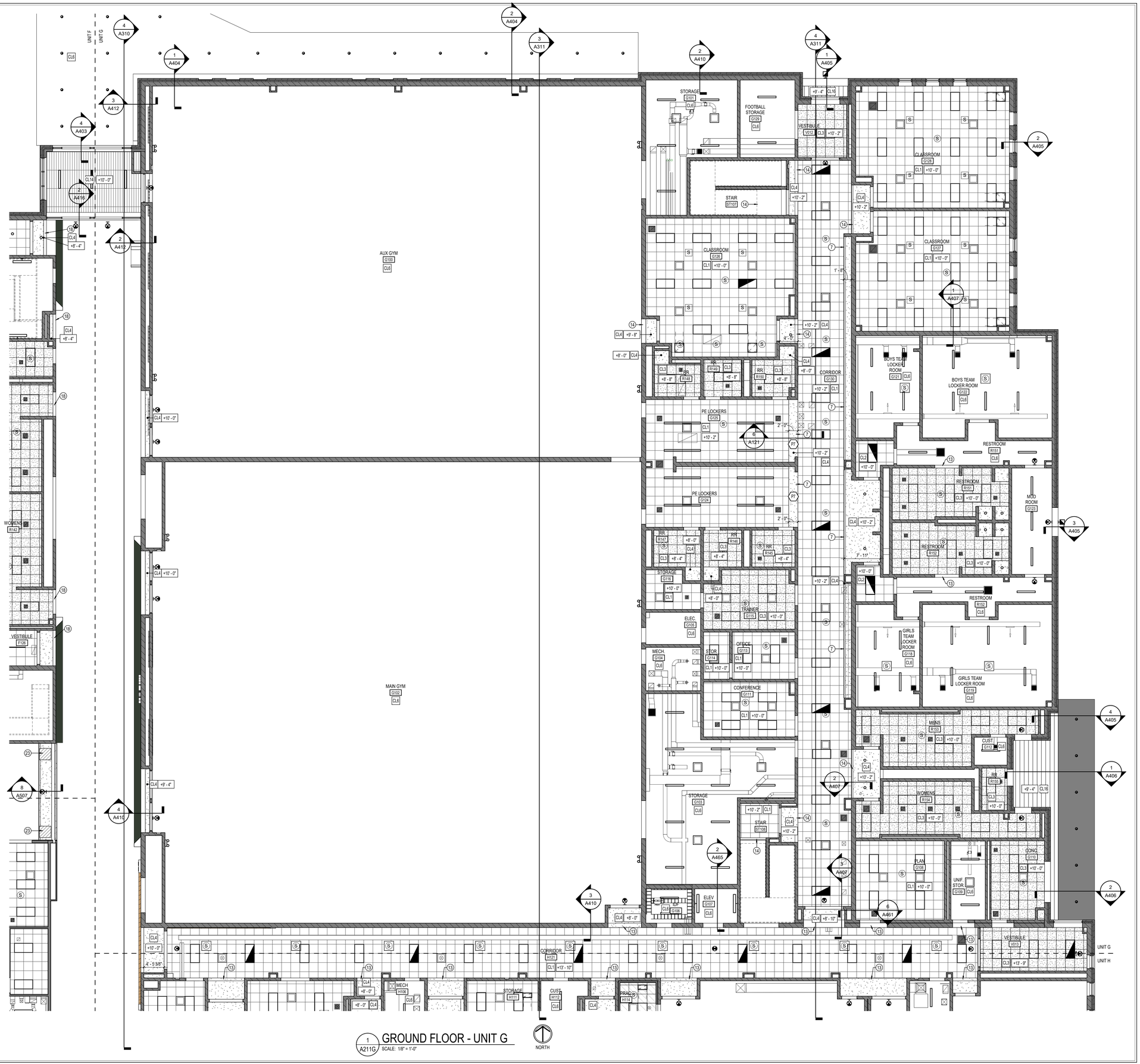
DRAWING TITLE:
FIRST FLOOR REFLECTED CEILING PLAN - UNIT F

CERTIFIED BY:
BRENTON C. HIBBS
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

KEYPLAN
A B C D E F G H

DRAWING NUMBER
A211F

PROJECT NUMBER
2023061



GENERAL REFLECTED CEILING PLAN NOTES

A. SEE THE ELECTRICAL DRAWINGS FOR SIZES, TYPES, AND QUANTITIES OF LIGHT FIXTURES, SPEAKERS, SMOKE DETECTORS, AND OTHER CEILING MOUNTED ELECTRICAL DEVICES.
B. SEE THE MECHANICAL DRAWINGS FOR SIZES, TYPES, AND QUANTITIES OF DIFFUSERS, GRILLES, AND OTHER MECHANICAL CEILING MOUNTED DEVICES.
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- CEILING MOUNTED PROJECTOR, SEE TECHNOLOGY DWGS
- RETURN/EXHAUST GRILL; SEE MECHANICAL DWGS
- SUPPLY AIR GRILL; SEE MECHANICAL DWGS
- LINEAR SLOT SUPPLY AIR GRILL; SEE MECHANICAL DWGS

CL1 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1713
STYLE: SCHOOL ZONE HIGH CAC, HIGH NRC, SQUARE EDGE
COLOR: WHITE
SIZE: 24" x 24" x 3/4"
LOCATION: CLASSROOMS/OFFICES/CORRIDORS

CL2 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1754
STYLE: FINE FISSURED HIGH NRC
COLOR: WHITE
SIZE: 24" x 24" x 7/8"
LOCATION: PERFORMING ARTS ROOMS

CL3 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1935
STYLE: ULTIMA HEALTH ZONE, SQUARE EDGE
COLOR: WHITE
SIZE: 2' x 2' x 3/4"
LOCATION: RESTROOMS/KITCHENS

CL4 SUSPENDED GYPSUM WALLBOARD CEILING SYSTEM / BULKHEAD
USE 5/8" WALLBOARD
PAINT: (P4) CEILING BRIGHT WHITE UNLESS NOTED OTHERWISE.
SEE A800 FOR FINISH INFORMATION.

CL5 MUSIC PRACTICE ROOM DOUBLE CEILING SYSTEM
INSTALL CEILING TYPE "CL2" @ +(10'-0") A.F.F.
INSTALL CEILING TYPE "CL4" @ +(12'-0") A.F.F. W/ SOUND BATTS ABOVE
INSTALL ACOUSTICAL SEALANT AT PERIMETER OF BOTH CEILINGS AND AT ALL PENETRATIONS.

CL6 EXPOSED STRUCTURE - PAINTED (P4), U.N.O.
SEE A800 FOR FINISH INFORMATION.

CL7 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1754
STYLE: FINE FISSURED HIGH NRC
COLOR: BLACK
SIZE: 24" x 24" x 7/8"
LOCATION: THEATER TECH BOOTHS

CL8 SUSPENDED METAL ACOUSTICAL CLOUD CEILING
MFR: ARMSTRONG SERPENTINA WAVES
DESCRIPTION: CURVED METAL CLOUDS 45 DEGREE ARC VALLEY
COLOR: WOOD LOOK
SIZE PER DRAWINGS

CL9 SUSPENDED METAL ACOUSTICAL CLOUD CEILING
MFR: ARMSTRONG SERPENTINA WAVES
DESCRIPTION: CURVED METAL CLOUDS 30 DEGREE ARC VALLEY
COLOR: WOOD LOOK
SIZE PER DRAWINGS

CL10 PYRAMIDAL SOUND DIFFUSING TILES IN SUSP. LAY-IN CEILING
MFR: DECOFORM PD2424F
DESCRIPTION: 1/8" MIN. ONE-PIECE FRP OR MOLDED REINFORCED FIBERGLASS
COLOR: WHITE
SIZE: 2' x 2'

CL11 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #3352
STYLE: OPTIMA OPEN PLAN / CAC BACKING
DESCRIPTION: SQUARE EDGE
COLOR: WHITE SIZE: 48" x 48" x 1"
LOCATION: CAFETERIA

CL12 SUSPENDED PET ACOUSTICAL CLOUD CEILING
MFR: TURF
STYLE: PLAID
COLOR: SEE PLAN FOR COLOR, PER LOCATION
LOCATION: COMMONS & MEDIA CENTER
EXPOSED STRUCTURE ABOVE TO BE PAINTED (P4)

CL13 SUSPENDED PET ACOUSTICAL BAFFLES
MFR: TURF
STYLE: BEAM
SIZE: 5"W x 8"H x 6'L
COLOR: 11 CELADON (PET2)
LOCATION: GATHERING STAIR

CL14 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG
STYLE: CIRRUS SECOND LOOK III
COLOR: WHITE SIZE: 24" x 48" x 3/4"
LOCATION: CAFETERIA, CORRIDORS AS NOTED

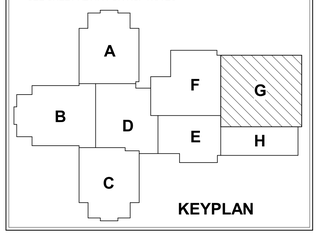
CL15 SUSPENDED METAL GRID CEILING
MFR: ARMSTRONG
STYLE: 360 PAINTED GRID SIZE: 2' x 2'
COLOR: SW6454 SHAMROCK (P3)
LOCATION: CAFETERIA

CL16 METAL SOFFIT PANELS

+0' - 0" CEILING ELEVATION MARK ABOVE FINISHED FLOOR (AT THAT LOCATION IF MULTIPLE FLOOR LEVELS ARE PRESENT)

XX CEILING PAINT; REFER TO FINISH LEGEND ON A800.

SEE SHEET A211A FOR RCP NOTES



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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of the architectural design intent, the basic nature of the building, the major architectural elements, and the type of structural, mechanical and electrical systems.
The drawings are not intended to show or describe all work required for full performance and completion of the requirements of the Contract.
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REVISIONS:

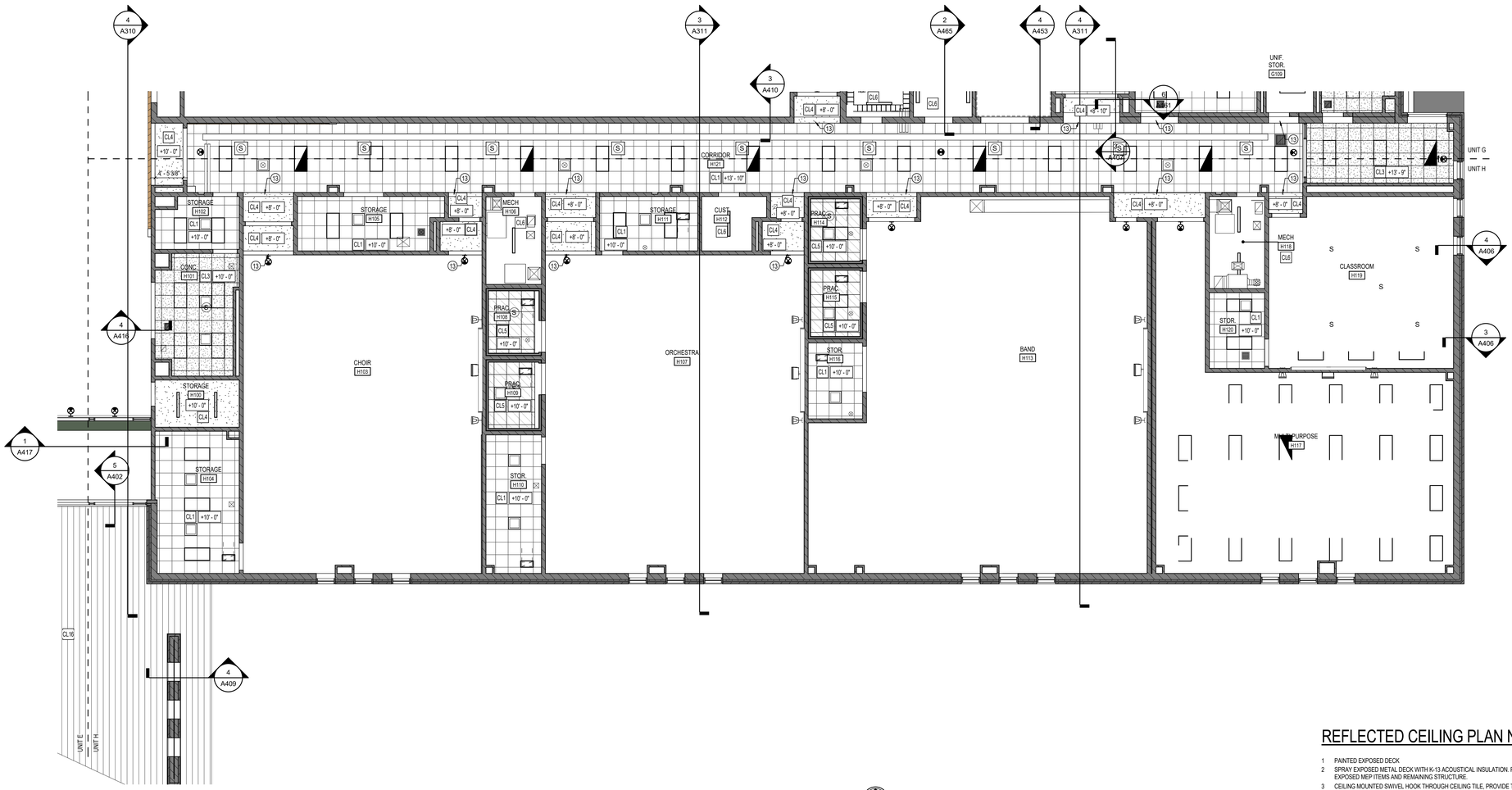
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
FIRST FLOOR REFLECTED CEILING PLAN - UNIT G

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A211G

PROJECT NUMBER
2023061



1 A211H GROUND FLOOR - UNIT H
SCALE: 1/8" = 1'-0"

NORTH

REFLECTED CEILING PLAN NOTES

1. PAINTED EXPOSED DECK
2. SPRAY EXPOSED METAL DECK WITH K-13 ACOUSTICAL INSULATION. PAINT ALL EXPOSED MEP ITEMS AND REMAINING STRUCTURE.
3. CEILING MOUNTED SWIVEL HOOK THROUGH CEILING TILE, PROVIDE TRIM RING, COORD WITH STRUCTURAL DRAWINGS.
4. CEILING MOUNTED RETRACTABLE ACOUSTIC CURTAIN
5. PAINT FINISH INDICATED TO BE APPLIED TO UNDERSIDE OF BULKHEAD ONLY. SEE A800 SHEETS FOR ADDITIONAL INFORMATION.
6. BULKHEAD - SEE DETAIL 1/A220
7. BULKHEAD - SEE DETAIL 2/A220
8. BULKHEAD - SEE DETAIL 3/A220
9. BULKHEAD - SEE DETAIL 4/A220
10. BULKHEAD - SEE DETAIL 5/A220
11. AXIOM - SEE DETAIL 7/A220
12. AXIOM - SEE DETAIL 8/A220
13. BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +8'-8" AFF
14. BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +10'-0" AFF
15. EXPANSION JOINT
16. CL4 ON UNDERSIDE OF STAIRS. SEE VERTICAL CIRCULATION DRAWINGS.
17. NO CEILING PAINT
18. BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +8'-0" AFF
19. KITCHEN HOOD, COORDINATE LOCATION. SEE FEC DRAWINGS
20. PROVIDE CLOSURE PANEL FROM TOP OF COOLER/FREEZER TO BOTTOM OF CEILING, BY FEC.
21. STEEL LINTEL BOTTOM @ + 7'-4", COORDINATE WITH FEC FOR PASS THROUGHS, SOAP CMU BLOCKS ONTO LINTEL
22. CEILING IN ART LAB D200 TO BE TEGULAR TILE IN LEIU OF SQUARE EDGE TILE DUE TO CEILING SLOPE.
23. CEILING MOUNTED ACCESS PANEL. COORDINATE LOCATION AND FINAL SIZE WITH OVERHEAD COILING DOOR MFR.
24. BULKHEAD - SEE DETAIL 6/A220
25. AXIOM - SEE DETAIL 9/A220
26. METAL SOFFIT
27. ACOUSTIC PADS ABOVE CEILING TILES
28. EDGE TRIM AROUND OPENING IN CEILING WHERE OVERHEAD SECTIONAL DOOR WILL RETRACT ABOVE CEILING, COORD. WIDTH WITH OVERHEAD SECTIONAL DOOR

GENERAL REFLECTED CEILING PLAN NOTES

A. SEE THE ELECTRICAL DRAWINGS FOR SIZES, TYPES, AND QUANTITIES OF LIGHT FIXTURES, SPEAKERS, SMOKE DETECTORS, AND OTHER CEILING MOUNTED ELECTRICAL DEVICES.
B. SEE THE MECHANICAL DRAWINGS FOR SIZES, TYPES, AND QUANTITIES OF DIFFUSERS, GRILLES, AND OTHER MECHANICAL CEILING MOUNTED DEVICES.
C. PROVIDE, FIELD LOCATE AND INSTALL 16"x16" FLUSH ACCESS PANELS AT ALL MECHANICAL AND PLUMBING PIPING VALVE LOCATIONS ABOVE SUSPENDED GYPSUM BOARD CEILINGS. SEE THE MECHANICAL, AND PLUMBING DRAWINGS FOR LOCATIONS.
D. SEE THE STRUCTURAL DRAWINGS FOR MASONRY WALLS USED FOR SHEAR WALLS THAT ARE REQUIRED TO EXTEND TO DECK/STRUCTURE ABOVE. PROVIDE BRACING FOR ALL MASONRY WALLS NOT EXTENDING TO THE DECK/STRUCTURE AS DETAILED ON STRUCTURAL DRAWINGS.
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F. THE SUSPENDED ACOUSTICAL TILE CEILING GRID AS SHOWN ON THESE DRAWINGS IS REPRESENTATIONAL. THE CEILING GRID IS TO BROKEN AS REQUIRED AT LIGHT FIXTURES, PROJECTION SCREENS, ETC.
G. ALL GYPSUM OR PLASTER CEILINGS AND BULKHEADS ARE TO BE PAINTED (P4) UNLESS NOTED OTHERWISE
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REFLECTED CEILING LEGEND

- FLUORESCENT LIGHT FIXTURES, RECESSED OR SURFACE-MOUNTED, SEE ELECTRICAL DWGS
- DOWNLIGHT/HIGH BAY LIGHT FIXTURE; SEE ELECTRICAL DWGS
- CEILING MOUNTED PROJECTOR, SEE TECHNOLOGY DWGS
- RETURN/EXHAUST GRILL; SEE MECHANICAL DWGS
- SUPPLY AIR GRILL; SEE MECHANICAL DWGS
- LINEAR SLOT SUPPLY AIR GRILL; SEE MECHANICAL DWGS

CL1 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1713
STYLE: SCHOOL ZONE HIGH CAC, HIGH NRC, SQUARE EDGE
COLOR: WHITE
SIZE: 24" x 24" x 3/4"
LOCATION: CLASSROOMS/OFFICES/CORRIDORS

CL2 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1754
STYLE: FINE FISSURED HIGH NRC
COLOR: WHITE
SIZE: 24" x 24" x 7/8"
LOCATION: PERFORMING ARTS ROOMS

CL3 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1935
STYLE: ULTIMA HEALTH ZONE, SQUARE EDGE
COLOR: WHITE
SIZE: 2' x 2' x 3/4"
LOCATION: RESTROOMS/KITCHENS

CL4 SUSPENDED GYPSUM WALLBOARD CEILING SYSTEM / BULKHEAD
USE 5/8" WALLBOARD
PAINT: (P4) CEILING BRIGHT WHITE UNLESS NOTED OTHERWISE.
SEE A800 FOR FINISH INFORMATION.

CL5 MUSIC PRACTICE ROOM DOUBLE CEILING SYSTEM
INSTALL CEILING TYPE "CL2" @ +(10'-0") A.F.F.
INSTALL CEILING TYPE "CL4" @ +(12'-0") A.F.F. W/ SOUND BATTS ABOVE
INSTALL ACOUSTICAL SEALANT AT PERIMETER OF BOTH CEILINGS AND AT ALL PENETRATIONS.

CL6 EXPOSED STRUCTURE - PAINTED (P4), U.N.O.
SEE A800 FOR FINISH INFORMATION.

CL7 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1754
STYLE: FINE FISSURED HIGH NRC
COLOR: BLACK
SIZE: 24" x 24" x 7/8"
LOCATION: THEATER TECH BOOTHS

CL8 SUSPENDED METAL ACOUSTICAL CLOUD CEILING
MFR: ARMSTRONG SERPENTINA WAVES
DESCRIPTION: CURVED METAL CLOUDS 45 DEGREE ARC VALLEY
COLOR: WOOD LOOK
SIZE PER DRAWINGS

CL9 SUSPENDED METAL ACOUSTICAL CLOUD CEILING
MFR: ARMSTRONG SERPENTINA WAVES
DESCRIPTION: CURVED METAL CLOUDS 30 DEGREE ARC VALLEY
COLOR: WOOD LOOK
SIZE PER DRAWINGS

CL10 PYRAMIDAL SOUND DIFFUSING TILES IN SUSP. LAY-IN CEILING
MFR: DECOFORM PD2424F
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SIZE: 2' x 2'

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MFR: ARMSTRONG MODEL #3352
STYLE: OPTIMA OPEN PLAN / CAC BACKING
DESCRIPTION: SQUARE EDGE
COLOR: WHITE SIZE: 48" x 48" x 1"
LOCATION: CAFETERIA

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MFR: TURF
STYLE: PLAID
COLOR: SEE PLAN FOR COLOR, PER LOCATION
LOCATION: COMMONS & MEDIA CENTER
EXPOSED STRUCTURE ABOVE TO BE PAINTED (P4)

CL13 SUSPENDED PET ACOUSTICAL BAFFLES
MFR: TURF
STYLE: BEAM
SIZE: 3"W x 8"H x 6'L
COLOR: 11 CELADON (PET2)
LOCATION: GATHERING STAIR

CL14 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG
STYLE: CIRRUS SECOND LOOK III
COLOR: WHITE SIZE: 24" x 48" x 3/4"
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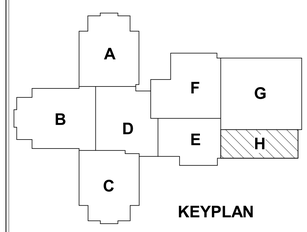
MFR: ARMSTRONG
STYLE: 360 PAINTED GRID SIZE: 2' x 2'
COLOR: SW6454 SHAMROCK (P3)
LOCATION: CAFETERIA

CL16 METAL SOFFIT PANELS

+0' - 0" CEILING ELEVATION MARK ABOVE FINISHED FLOOR (AT THAT LOCATION IF MULTIPLE FLOOR LEVELS ARE PRESENT)

XX CEILING PAINT; REFER TO FINISH LEGEND ON A800.



KEYPLAN

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DRAWING TITLE:
FIRST FLOOR REFLECTED CEILING PLAN - UNIT H

CERTIFIED BY:
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DRAWING NUMBER
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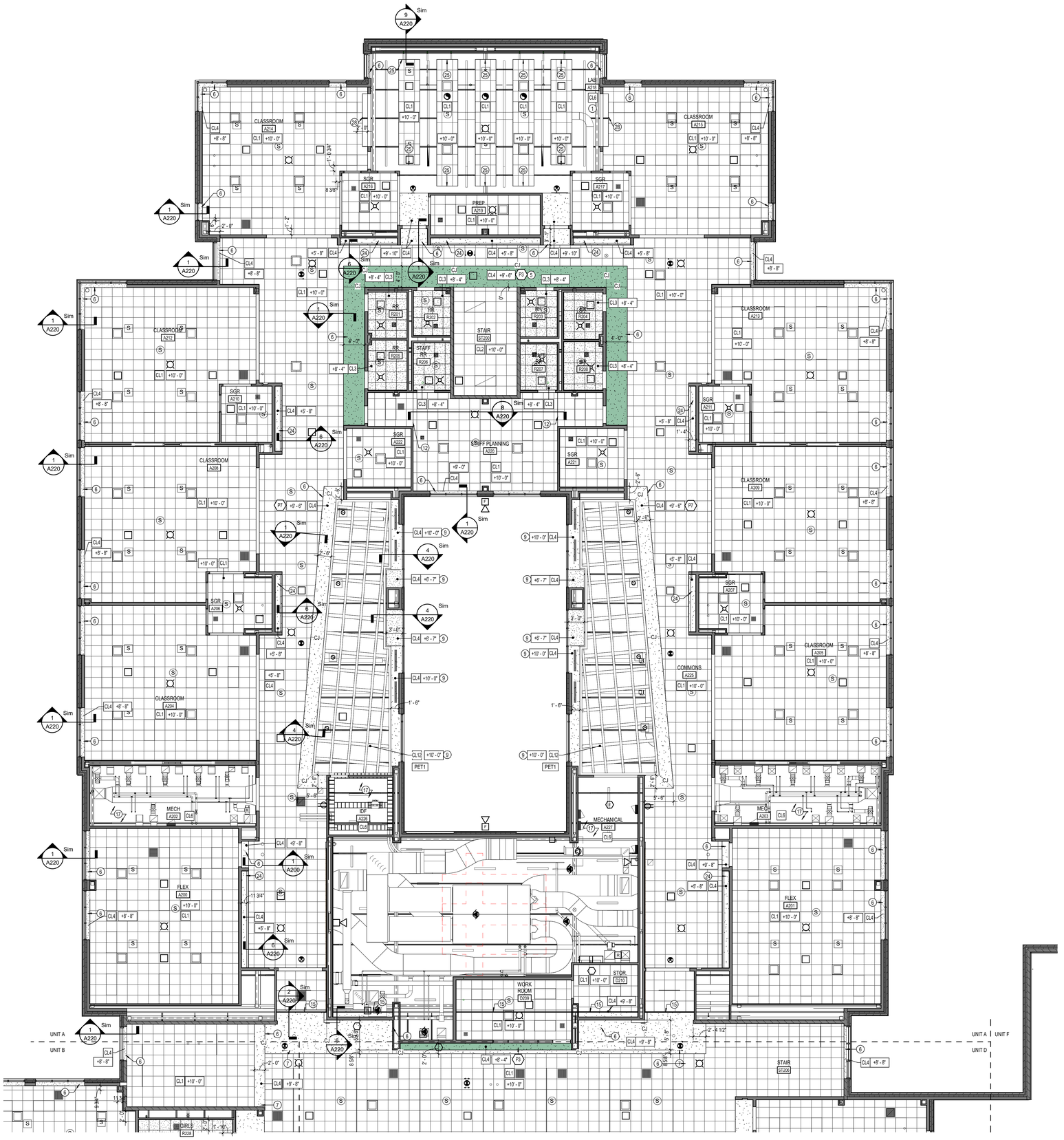


1 A212A SECOND FLOOR - UNIT A
SCALE: 1/8" = 1'-0"

NORTH

REFLECTED CEILING PLAN NOTES

1 PAINTED EXPOSED DECK
2 SPRAY EXPOSED METAL DECK WITH K-13 ACOUSTICAL INSULATION. PAINT ALL EXPOSED MEP ITEMS AND REMAINING STRUCTURE.
3 CEILING MOUNTED SWIVEL HOOK THROUGH CEILING TILE, PROVIDE TRIM RING, COORD WITH STRUCTURAL DRAWINGS.
4 CEILING MOUNTED RETRACTABLE ACOUSTIC CURTAIN
5 PAINT FINISH INDICATED TO BE APPLIED TO UNDERSIDE OF BULKHEAD ONLY. SEE A800 SHEETS FOR ADDITIONAL INFORMATION.
6 BULKHEAD - SEE DETAIL 1/A220
7 BULKHEAD - SEE DETAIL 2/A220
8 BULKHEAD - SEE DETAIL 3/A220
9 BULKHEAD - SEE DETAIL 4/A220
10 BULKHEAD - SEE DETAIL 5/A220
11 AXIOM - SEE DETAIL 7/A220
12 AXIOM - SEE DETAIL 8/A220
13 BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +8'-8" AFF
14 BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +10'-0" AFF
15 EXPANSION JOINT
16 CJ4 ON UNDERSIDE OF STAIRS. SEE VERTICAL CIRCULATION DRAWINGS.
17 NO CEILING PAINT
18 BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +8'-0" AFF
19 KITCHEN HOOD, COORDINATE LOCATION. SEE FEC DRAWINGS
20 PROVIDE CLOSURE PANEL FROM TOP OF COOLER/FREEZER TO BOTTOM OF CEILING, BY FEC.
21 STEEL LINTEL BOTTOM @ + 7'-4", COORDINATE WITH FEC FOR PASS THROUGHS, SOAP CMU BLOCKS ONTO LINTEL
22 CEILING IN ART LAB D200 TO BE TEGULAR TILE IN LEIU OF SQUARE EDGE TILE DUE TO CEILING SLOPE.
23 CEILING MOUNTED ACCESS PANEL. COORDINATE LOCATION AND FINAL SIZE WITH OVERHEAD COILING DOOR MFR.
24 BULKHEAD - SEE DETAIL 6/A220
25 AXIOM - SEE DETAIL 9/A220
26 METAL SOFFIT
27 ACOUSTIC PADS ABOVE CEILING TILES
28 EDGE TRIM AROUND OPENING IN CEILING WHERE OVERHEAD SECTIONAL DOOR WILL RETRACT ABOVE CEILING, COORD. WIDTH WITH OVERHEAD SECTIONAL DOOR

GENERAL REFLECTED CEILING PLAN NOTES

A. SEE THE ELECTRICAL DRAWINGS FOR SIZES, TYPES, AND QUANTITIES OF LIGHT FIXTURES, SPEAKERS, SMOKE DETECTORS, AND OTHER CEILING MOUNTED ELECTRICAL DEVICES.
B. SEE THE MECHANICAL DRAWINGS FOR SIZES, TYPES, AND QUANTITIES OF DIFFUSERS, GRILLES, AND OTHER MECHANICAL CEILING MOUNTED DEVICES.
C. PROVIDE, FIELD LOCATE AND INSTALL 16"x16" FLUSH ACCESS PANELS AT ALL MECHANICAL AND PLUMBING PIPING VALVE LOCATIONS ABOVE SUSPENDED GYPSUM BOARD CEILINGS. SEE THE MECHANICAL AND PLUMBING DRAWINGS FOR LOCATIONS.
D. SEE THE STRUCTURAL DRAWINGS FOR MASONRY WALLS USED FOR SHEAR WALLS THAT ARE REQUIRED TO EXTEND TO DECK/STRUCTURE ABOVE. PROVIDE BRACING FOR ALL MASONRY WALLS NOT EXTENDING TO THE DECK/STRUCTURE AS DETAILED ON STRUCTURAL DRAWINGS.
E. METAL STUDS WALLS SHALL BE ATTACHED TO THE STRUCTURE ABOVE WITH SLIP CONNECTORS. STUD WALLS NOT EXTENDING TO THE STRUCTURE/DECK ABOVE SHALL RECEIVE DIAGONAL METAL STUD BRACING AT MAXIMUM 4'-0" O.C.
F. THE SUSPENDED ACOUSTICAL TILE CEILING GRID AS SHOWN ON THESE DRAWINGS IS REPRESENTATIONAL. THE CEILING GRID IS TO BROKEN AS REQUIRED AT LIGHT FIXTURES, PROJECTION SCREENS, ETC.
G. ALL GYPSUM OR PLASTER CEILINGS AND BULKHEADS ARE TO BE PAINTED (P4) UNLESS NOTED OTHERWISE
H. SEE MECHANICAL, PLUMBING AND ELECTRICAL DOCUMENTS FOR ADDITIONAL CEILING WORK REQUIRED BY NEW MEP WORK.

REFLECTED CEILING LEGEND

- FLUORESCENT LIGHT FIXTURES, RECESSED OR SURFACE-MOUNTED, SEE ELECTRICAL DWGS
- DOWNLIGHT/HIGH BAY LIGHT FIXTURE; SEE ELECTRICAL DWGS
- CEILING MOUNTED PROJECTOR, SEE TECHNOLOGY DWGS
- RETURN/EXHAUST GRILL; SEE MECHANICAL DWGS
- SUPPLY AIR GRILL; SEE MECHANICAL DWGS
- LINEAR SLOT SUPPLY AIR GRILL; SEE MECHANICAL DWGS

CL1 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1713
STYLE: SCHOOL ZONE HIGH CAC, HIGH NRC, SQUARE EDGE
COLOR: WHITE
SIZE: 24" x 24" x 3/4"
LOCATION: CLASSROOMS/OFFICES/CORRIDORS

CL2 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1754
STYLE: FINE FISSURED HIGH NRC
COLOR: WHITE
SIZE: 24" x 24" x 7/8"
LOCATION: PERFORMING ARTS ROOMS

CL3 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1935
STYLE: ULTIMA HEALTH ZONE, SQUARE EDGE
COLOR: WHITE
SIZE: 2' x 2' x 3/4"
LOCATION: RESTROOMS/KITCHENS

CL4 SUSPENDED GYPSUM WALLBOARD CEILING SYSTEM / BULKHEAD
USE 5/8" WALLBOARD
PAINT: (P4) CEILING BRIGHT WHITE UNLESS NOTED OTHERWISE.
SEE A800 FOR FINISH INFORMATION.

CL5 MUSIC PRACTICE ROOM DOUBLE CEILING SYSTEM
INSTALL CEILING TYPE "CL2" @ +(10'-0") A.F.F.
INSTALL CEILING TYPE "CL4" @ +(12'-0") A.F.F. W/ SOUND BATTS ABOVE
INSTALL ACOUSTICAL SEALANT AT PERIMETER OF BOTH CEILINGS AND AT ALL PENETRATIONS.

CL6 EXPOSED STRUCTURE - PAINTED (P4), U.N.O.
SEE A800 FOR FINISH INFORMATION.

CL7 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1754
STYLE: FINE FISSURED HIGH NRC
COLOR: BLACK
SIZE: 24" x 24" x 7/8"
LOCATION: THEATER TECH BOOTHS

CL8 SUSPENDED METAL ACOUSTICAL CLOUD CEILING
MFR: ARMSTRONG SERPENTINA WAVES
DESCRIPTION: CURVED METAL CLOUDS 45 DEGREE ARC VALLEY
COLOR: WOOD LOOK
SIZE PER DRAWINGS

CL9 SUSPENDED METAL ACOUSTICAL CLOUD CEILING
MFR: ARMSTRONG SERPENTINA WAVES
DESCRIPTION: CURVED METAL CLOUDS 30 DEGREE ARC VALLEY
COLOR: WOOD LOOK
SIZE PER DRAWINGS

CL10 PYRAMIDAL SOUND DIFFUSING TILES IN SUSP. LAY-IN CEILING
MFR: DECOFORM PD2424F
DESCRIPTION: 1/8" MIN. ONE-PIECE FRP OR MOLDED REINFORCED FIBERGLASS
COLOR: WHITE
SIZE: 2' x 2'

CL11 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #3352
STYLE: OPTIMA OPEN PLAN / CAC BACKING
DESCRIPTION: SQUARE EDGE
COLOR: WHITE SIZE: 48" x 48" x 1"
LOCATION: CAFETERIA

CL12 SUSPENDED PET ACOUSTICAL CLOUD CEILING
MFR: TURF
STYLE: PLAID
COLOR: SEE PLAN FOR COLOR, PER LOCATION
LOCATION: COMMONS & MEDIA CENTER
EXPOSED STRUCTURE ABOVE TO BE PAINTED (P4)

CL13 SUSPENDED PET ACOUSTICAL BAFFLES
MFR: TURF
STYLE: BEAM
SIZE: 3"W x 8"H x 6'L
COLOR: 11 CELADON (PET2)
LOCATION: GATHERING STAIR

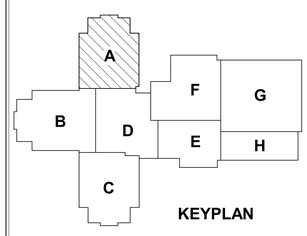
CL14 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG
STYLE: CIRRUS SECOND LOOK III
COLOR: WHITE SIZE: 24" x 48" x 3/4"
LOCATION: CAFETERIA, CORRIDORS AS NOTED

CL15 SUSPENDED METAL GRID CEILING
MFR: ARMSTRONG
STYLE: 360 PAINTED GRID SIZE: 2' x 2'
COLOR: SW6454 SHAMROCK (P3)
LOCATION: CAFETERIA

CL16 METAL SOFFIT PANELS

+0' - 0" CEILING ELEVATION MARK ABOVE FINISHED FLOOR (AT THAT LOCATION IF MULTIPLE FLOOR LEVELS ARE PRESENT)

XX CEILING PAINT; REFER TO FINISH LEGEND ON A800.



KEYPLAN

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. The drawings are not intended to show or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
SECOND FLOOR REFLECTED CEILING PLAN - UNIT A

CERTIFIED BY:
BRENTON C. HIGH
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A212A

PROJECT NUMBER
2023061



1 A212B SECOND FLOOR - UNIT B
SCALE: 1/8" = 1'-0"

NORTH

REFLECTED CEILING PLAN NOTES

1 PAINTED EXPOSED DECK
2 SPRAY EXPOSED METAL DECK WITH K-13 ACOUSTICAL INSULATION. PAINT ALL EXPOSED MEP ITEMS AND REMAINING STRUCTURE.
3 CEILING MOUNTED SWIVEL HOOK THROUGH CEILING TILE. PROVIDE TRIM RING, COORD WITH STRUCTURAL DRAWINGS.
4 CEILING MOUNTED RETRACTABLE ACOUSTIC CURTAIN
5 PAINT FINISH INDICATED TO BE APPLIED TO UNDERSIDE OF BULKHEAD ONLY. SEE A800 SHEETS FOR ADDITIONAL INFORMATION.
6 BULKHEAD - SEE DETAIL 1/A220
7 BULKHEAD - SEE DETAIL 2/A220
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9 BULKHEAD - SEE DETAIL 4/A220
10 BULKHEAD - SEE DETAIL 5/A220
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12 AXIOM - SEE DETAIL 8/A220
13 BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +8'-8" AFF
14 BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +10'-0" AFF
15 EXPANSION JOINT
16 CL4 ON UNDERSIDE OF STAIRS. SEE VERTICAL CIRCULATION DRAWINGS.
17 NO CEILING PAINT
18 BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +8'-0" AFF
19 KITCHEN HOOD, COORDINATE LOCATION. SEE FEC DRAWINGS
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21 STEEL LINTEL BOTTOM @ + 7'-4", COORDINATE WITH FEC FOR PASS THROUGHS, SOAP CMU BLOCKS ONTO LINTEL
22 CEILING IN ART LAB D200 TO BE TEGULAR TILE IN LEIU OF SQUARE EDGE TILE DUE TO CEILING SLOPE.
23 CEILING MOUNTED ACCESS PANEL. COORDINATE LOCATION AND FINAL SIZE WITH OVERHEAD COILING DOOR MFR.
24 BULKHEAD - SEE DETAIL 6/A220
25 AXIOM - SEE DETAIL 9/A220
26 METAL SOFFIT
27 ACOUSTIC PADS ABOVE CEILING TILES
28 EDGE TRIM AROUND OPENING IN CEILING WHERE OVERHEAD SECTIONAL DOOR WILL RETRACT ABOVE CEILING, COORD. WIDTH WITH OVERHEAD SECTIONAL DOOR

GENERAL REFLECTED CEILING PLAN NOTES

A. SEE THE ELECTRICAL DRAWINGS FOR SIZES, TYPES, AND QUANTITIES OF LIGHT FIXTURES, SPEAKERS, SMOKE DETECTORS, AND OTHER CEILING MOUNTED ELECTRICAL DEVICES.
B. SEE THE MECHANICAL DRAWINGS FOR SIZES, TYPES, AND QUANTITIES OF DIFFUSERS, GRILLES, AND OTHER MECHANICAL CEILING MOUNTED DEVICES.
C. PROVIDE, FIELD LOCATE AND INSTALL 16"x16" FLUSH ACCESS PANELS AT ALL MECHANICAL AND PLUMBING PIPING VALVE LOCATIONS ABOVE SUSPENDED GYPSUM BOARD CEILINGS. SEE THE MECHANICAL AND PLUMBING DRAWINGS FOR LOCATIONS.
D. SEE THE STRUCTURAL DRAWINGS FOR MASONRY WALLS USED FOR SHEAR WALLS THAT ARE REQUIRED TO EXTEND TO DECK/STRUCTURE ABOVE. PROVIDE BRACING FOR ALL MASONRY WALLS NOT EXTENDING TO THE DECK/STRUCTURE AS DETAILED ON STRUCTURAL DRAWINGS.
E. METAL STUDS WALLS SHALL BE ATTACHED TO THE STRUCTURE ABOVE WITH SLIP CONNECTORS. STUD WALLS NOT EXTENDING TO THE STRUCTURE/DECK ABOVE SHALL RECEIVE DIAGONAL METAL STUD BRACING AT MAXIMUM 4'-0" O.C.
F. THE SUSPENDED ACOUSTICAL TILE CEILING GRID AS SHOWN ON THESE DRAWINGS IS REPRESENTATIONAL. THE CEILING GRID IS TO BROKEN AS REQUIRED AT LIGHT FIXTURES, PROJECTION SCREENS, ETC.
G. ALL GYPSUM OR PLASTER CEILINGS AND BULKHEADS ARE TO BE PAINTED (P4) UNLESS NOTED OTHERWISE
H. SEE MECHANICAL, PLUMBING AND ELECTRICAL DOCUMENTS FOR ADDITIONAL CEILING WORK REQUIRED BY NEW MEP WORK.

REFLECTED CEILING LEGEND

- FLUORESCENT LIGHT FIXTURES, RECESSED OR SURFACE-MOUNTED, SEE ELECTRICAL DWGS
- DOWNLIGHT/HIGH BAY LIGHT FIXTURE; SEE ELECTRICAL DWGS
- CEILING MOUNTED PROJECTOR, SEE TECHNOLOGY DWGS
- RETURN/EXHAUST GRILL; SEE MECHANICAL DWGS
- SUPPLY AIR GRILL; SEE MECHANICAL DWGS
- LINEAR SLOT SUPPLY AIR GRILL; SEE MECHANICAL DWGS

CL1 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1713
STYLE: SCHOOL ZONE HIGH CAC, HIGH NRC, SQUARE EDGE
COLOR: WHITE
SIZE: 24" x 24" x 3/4"
LOCATION: CLASSROOMS/OFFICES/CORRIDORS

CL2 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1754
STYLE: FINE FISSURED HIGH NRC
COLOR: WHITE
SIZE: 24" x 24" x 7/8"
LOCATION: PERFORMING ARTS ROOMS

CL3 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1935
STYLE: ULTIMA HEALTH ZONE, SQUARE EDGE
COLOR: WHITE
SIZE: 2' x 2' x 3/4"
LOCATION: RESTROOMS/KITCHENS

CL4 SUSPENDED GYPSUM WALLBOARD CEILING SYSTEM / BULKHEAD
USE 5/8" WALLBOARD
PAINT: (P4) CEILING BRIGHT WHITE UNLESS NOTED OTHERWISE.
SEE A800 FOR FINISH INFORMATION.

CL5 MUSIC PRACTICE ROOM DOUBLE CEILING SYSTEM
INSTALL CEILING TYPE "CL2" @ +(10'-0") A.F.F.
INSTALL CEILING TYPE "CL4" @ +(12'-0") A.F.F. W/ SOUND BATTS ABOVE
INSTALL ACOUSTICAL SEALANT AT PERIMETER OF BOTH CEILINGS AND AT ALL PENETRATIONS.

CL6 EXPOSED STRUCTURE - PAINTED (P4), U.N.O.
SEE A800 FOR FINISH INFORMATION.

CL7 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1754
STYLE: FINE FISSURED HIGH NRC
COLOR: BLACK
SIZE: 24" x 24" x 7/8"
LOCATION: THEATER TECH BOOTHS

CL8 SUSPENDED METAL ACOUSTICAL CLOUD CEILING
MFR: ARMSTRONG SERPENTINA WAVES
DESCRIPTION: CURVED METAL CLOUDS 45 DEGREE ARC VALLEY
COLOR: WOOD LOOK
SIZE PER DRAWINGS

CL9 SUSPENDED METAL ACOUSTICAL CLOUD CEILING
MFR: ARMSTRONG SERPENTINA WAVES
DESCRIPTION: CURVED METAL CLOUDS 30 DEGREE ARC VALLEY
COLOR: WOOD LOOK
SIZE PER DRAWINGS

CL10 PYRAMIDAL SOUND DIFFUSING TILES IN SUSP. LAY-IN CEILING
MFR: DECOFORM PD2424F
DESCRIPTION: 1/8" MIN. ONE-PIECE FRP OR MOLDED REINFORCED FIBERGLASS
COLOR: WHITE
SIZE: 2' x 2'

CL11 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #3352
STYLE: OPTIMA OPEN PLAN / CAC BACKING
DESCRIPTION: SQUARE EDGE
COLOR: WHITE SIZE: 48" x 48" x 1"
LOCATION: CAFETERIA

CL12 SUSPENDED PET ACOUSTICAL CLOUD CEILING
MFR: TURF
STYLE: PLAID
COLOR: SEE PLAN FOR COLOR, PER LOCATION
LOCATION: COMMONS & MEDIA CENTER
EXPOSED STRUCTURE ABOVE TO BE PAINTED (P4)

CL13 SUSPENDED PET ACOUSTICAL BAFFLES
MFR: TURF
STYLE: BEAM
SIZE: 3"W x 8"H x 6'L
COLOR: 11 CELADON (PET2)
LOCATION: GATHERING STAIR

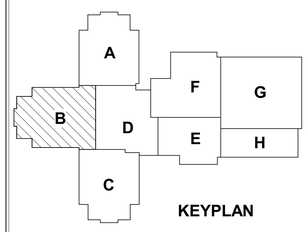
CL14 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG
STYLE: CIRRUS SECOND LOOK III
COLOR: WHITE SIZE: 24" x 48" x 3/4"
LOCATION: CAFETERIA, CORRIDORS AS NOTED

CL15 SUSPENDED METAL GRID CEILING
MFR: ARMSTRONG
STYLE: 360 PAINTED GRID SIZE: 2' x 2'
COLOR: SW6454 SHAMROCK (P3)
LOCATION: CAFETERIA

CL16 METAL SOFFIT PANELS

+0'-0" CEILING ELEVATION MARK ABOVE FINISHED FLOOR (AT THAT LOCATION IF MULTIPLE FLOOR LEVELS ARE PRESENT)

XX CEILING PAINT; REFER TO FINISH LEGEND ON A800.



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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. The drawings are not intended to completely describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

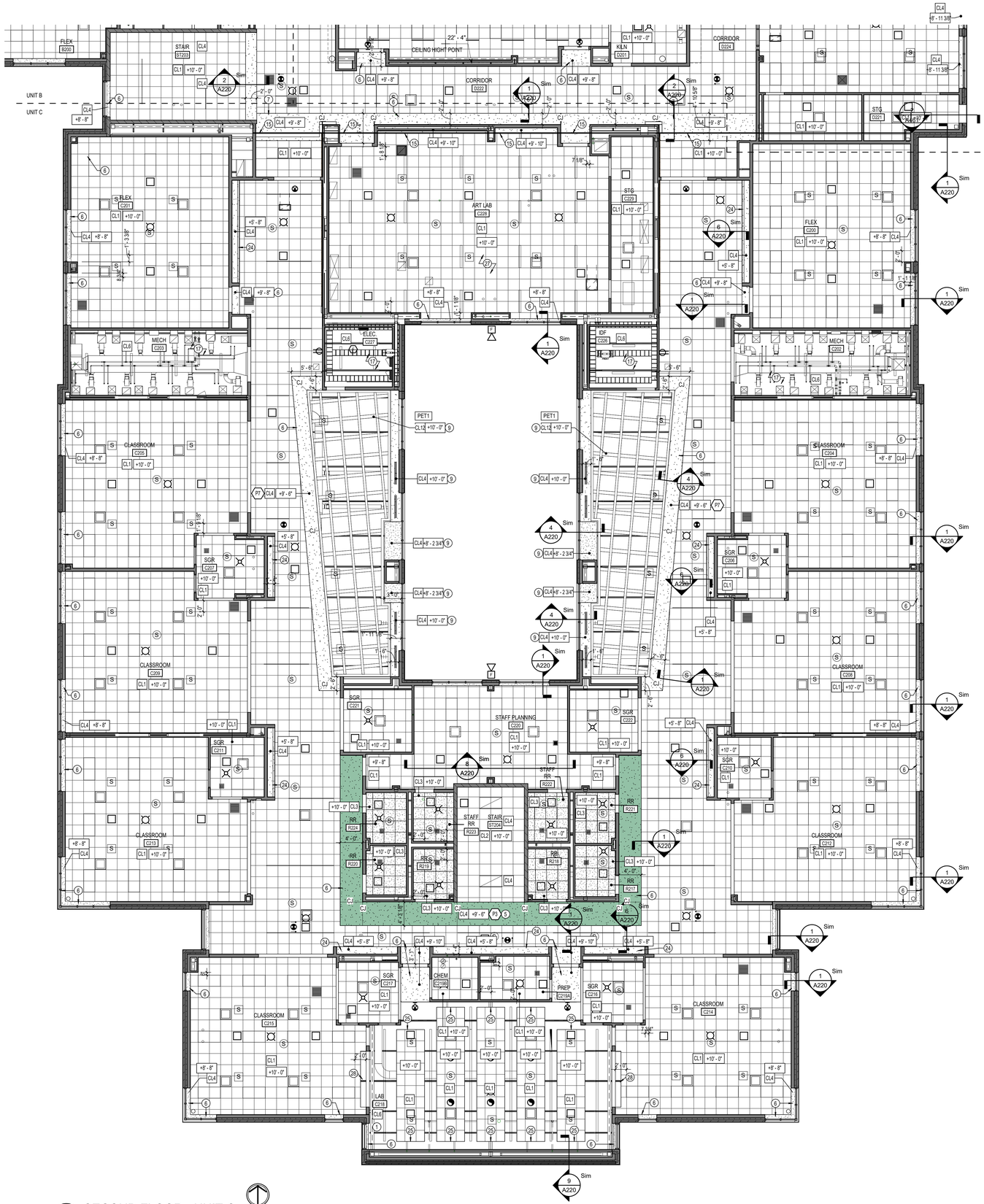
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
SECOND FLOOR REFLECTED CEILING PLAN - UNIT B

CERTIFIED BY:
BRENTON C. HITE REGISTERED No. AR11700184 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
A212B

PROJECT NUMBER
2023061



REFLECTED CEILING PLAN NOTES

1 PAINTED EXPOSED DECK
2 SPRAY EXPOSED METAL DECK WITH K-13 ACOUSTICAL INSULATION. PAINT ALL EXPOSED MEP ITEMS AND REMAINING STRUCTURE.
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13 BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +8'-8" AFF
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15 EXPANSION JOINT
16 CL4 ON UNDERSIDE OF STAIRS. SEE VERTICAL CIRCULATION DRAWINGS.
17 NO CEILING PAINT
18 BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +8'-0" AFF
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24 BULKHEAD - SEE DETAIL 6/A220
25 AXIOM - SEE DETAIL 9/A220
26 METAL SOFFIT
27 ACOUSTIC PADS ABOVE CEILING TILES
28 EDGE TRIM AROUND OPENING IN CEILING WHERE OVERHEAD SECTIONAL DOOR WILL RETRACT ABOVE CEILING, COORD. WIDTH WITH OVERHEAD SECTIONAL DOOR

GENERAL REFLECTED CEILING PLAN NOTES

A. SEE THE ELECTRICAL DRAWINGS FOR SIZES, TYPES, AND QUANTITIES OF LIGHT FIXTURES, SPEAKERS, SMOKE DETECTORS, AND OTHER CEILING MOUNTED ELECTRICAL DEVICES.
B. SEE THE MECHANICAL DRAWINGS FOR SIZES, TYPES, AND QUANTITIES OF DIFFUSERS, GRILLES, AND OTHER MECHANICAL CEILING MOUNTED DEVICES.
C. PROVIDE, FIELD LOCATE AND INSTALL 16"x16" FLUSH ACCESS PANELS AT ALL MECHANICAL AND PLUMBING PIPING VALVE LOCATIONS ABOVE SUSPENDED GYPSUM BOARD CEILINGS. SEE THE MECHANICAL AND PLUMBING DRAWINGS FOR LOCATIONS.
D. SEE THE STRUCTURAL DRAWINGS FOR MASONRY WALLS USED FOR SHEAR WALLS THAT ARE REQUIRED TO EXTEND TO DECK/STRUCTURE ABOVE. PROVIDE BRACING FOR ALL MASONRY WALLS NOT EXTENDING TO THE DECK/STRUCTURE AS DETAILED ON STRUCTURAL DRAWINGS.
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REFLECTED CEILING LEGEND

FLUORESCENT LIGHT FIXTURES, RECESSED OR SURFACE-MOUNTED, SEE ELECTRICAL DWGS
DOWNLIGHT/HIGH BAY LIGHT FIXTURE; SEE ELECTRICAL DWGS
CEILING MOUNTED PROJECTOR, SEE TECHNOLOGY DWGS
RETURN/EXHAUST GRILL; SEE MECHANICAL DWGS
SUPPLY AIR GRILL; SEE MECHANICAL DWGS
LINEAR SLOT SUPPLY AIR GRILL; SEE MECHANICAL DWGS

CL1 — SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1713
STYLE: SCHOOL ZONE HIGH CAC, HIGH NRC, SQUARE EDGE
COLOR: WHITE
SIZE: 24" x 24" x 3/4"
LOCATION: CLASSROOMS/OFFICES/CORRIDORS

CL2 — SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1754
STYLE: FINE FISSURED HIGH NRC
COLOR: WHITE
SIZE: 24" x 24" x 7/8"
LOCATION: PERFORMING ARTS ROOMS

CL3 — SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1935
STYLE: ULTIMA HEALTH ZONE, SQUARE EDGE
COLOR: WHITE
SIZE: 2' x 2' x 3/4"
LOCATION: RESTROOMS/KITCHENS

CL4 — SUSPENDED GYPSUM WALLBOARD CEILING SYSTEM / BULKHEAD
USE 5/8" WALLBOARD
PAINT: (P4) CEILING BRIGHT WHITE UNLESS NOTED OTHERWISE.
SEE A800 FOR FINISH INFORMATION.

CL5 — MUSIC PRACTICE ROOM DOUBLE CEILING SYSTEM
INSTALL CEILING TYPE "CL2" @ +(10'-0") A.F.F.
INSTALL CEILING TYPE "CL4" @ +(12'-0") A.F.F. W/ SOUND BATTS ABOVE
INSTALL ACOUSTICAL SEALANT AT PERIMETER OF BOTH CEILINGS AND AT ALL PENETRATIONS.

CL6 — EXPOSED STRUCTURE - PAINTED (P4), U.N.O.
SEE A800 FOR FINISH INFORMATION.

CL7 — SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1754
STYLE: FINE FISSURED HIGH NRC
COLOR: BLACK
SIZE: 24" x 24" x 7/8"
LOCATION: THEATER TECH BOOTHS

CL8 — SUSPENDED METAL ACOUSTICAL CLOUD CEILING
MFR: ARMSTRONG SERPENTINA WAVES
DESCRIPTION: CURVED METAL CLOUDS 45 DEGREE ARC VALLEY
COLOR: WOOD LOOK
SIZE PER DRAWINGS

CL9 — SUSPENDED METAL ACOUSTICAL CLOUD CEILING
MFR: ARMSTRONG SERPENTINA WAVES
DESCRIPTION: CURVED METAL CLOUDS 30 DEGREE ARC VALLEY
COLOR: WOOD LOOK
SIZE PER DRAWINGS

CL10 — PYRAMIDAL SOUND DIFFUSING TILES IN SUSP. LAY-IN CEILING
MFR: DECOFORM P0204DF
DESCRIPTION: 1/8" MIN. ONE-PIECE FRP OR MOLDED REINFORCED FIBERGLASS
COLOR: WHITE
SIZE: 2' x 2'

CL11 — SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #3352
STYLE: OPTIMA OPEN PLAN / CAC BACKING
DESCRIPTION: SQUARE EDGE
COLOR: WHITE SIZE: 48" x 48" x 1"
LOCATION: CAFETERIA

CL12 — SUSPENDED PET ACOUSTICAL CLOUD CEILING
MFR: TURF
STYLE: PLAID
COLOR: SEE PLAN FOR COLOR, PER LOCATION
LOCATION: COMMONS & MEDIA CENTER
EXPOSED STRUCTURE ABOVE TO BE PAINTED (P4)

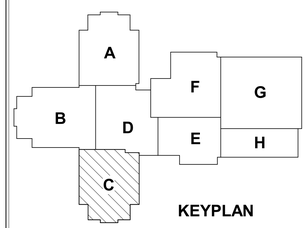
CL13 — SUSPENDED PET ACOUSTICAL BAFFLES
MFR: TURF
STYLE: BEAM
SIZE: 3"W x 8"H x 6'L
COLOR: 11 CELADON (PET2)
LOCATION: GATHERING STAIR

CL14 — SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG
STYLE: CIRRUS SECOND LOOK III
COLOR: WHITE SIZE: 24" x 48" x 3/4"
LOCATION: CAFETERIA, CORRIDORS AS NOTED

CL15 — SUSPENDED METAL GRID CEILING
MFR: ARMSTRONG
STYLE: 360 PAINTED GRID SIZE: 2' x 2'
COLOR: SW6454 SHAMROCK (P3)
LOCATION: CAFETERIA

CL16 — METAL SOFFIT PANELS

+0' - 0" — CEILING ELEVATION MARK ABOVE FINISHED FLOOR (AT THAT LOCATION IF MULTIPLE FLOOR LEVELS ARE PRESENT)
XX — CEILING PAINT: REFER TO FINISH LEGEND ON A800.



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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the general requirements of and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for the performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

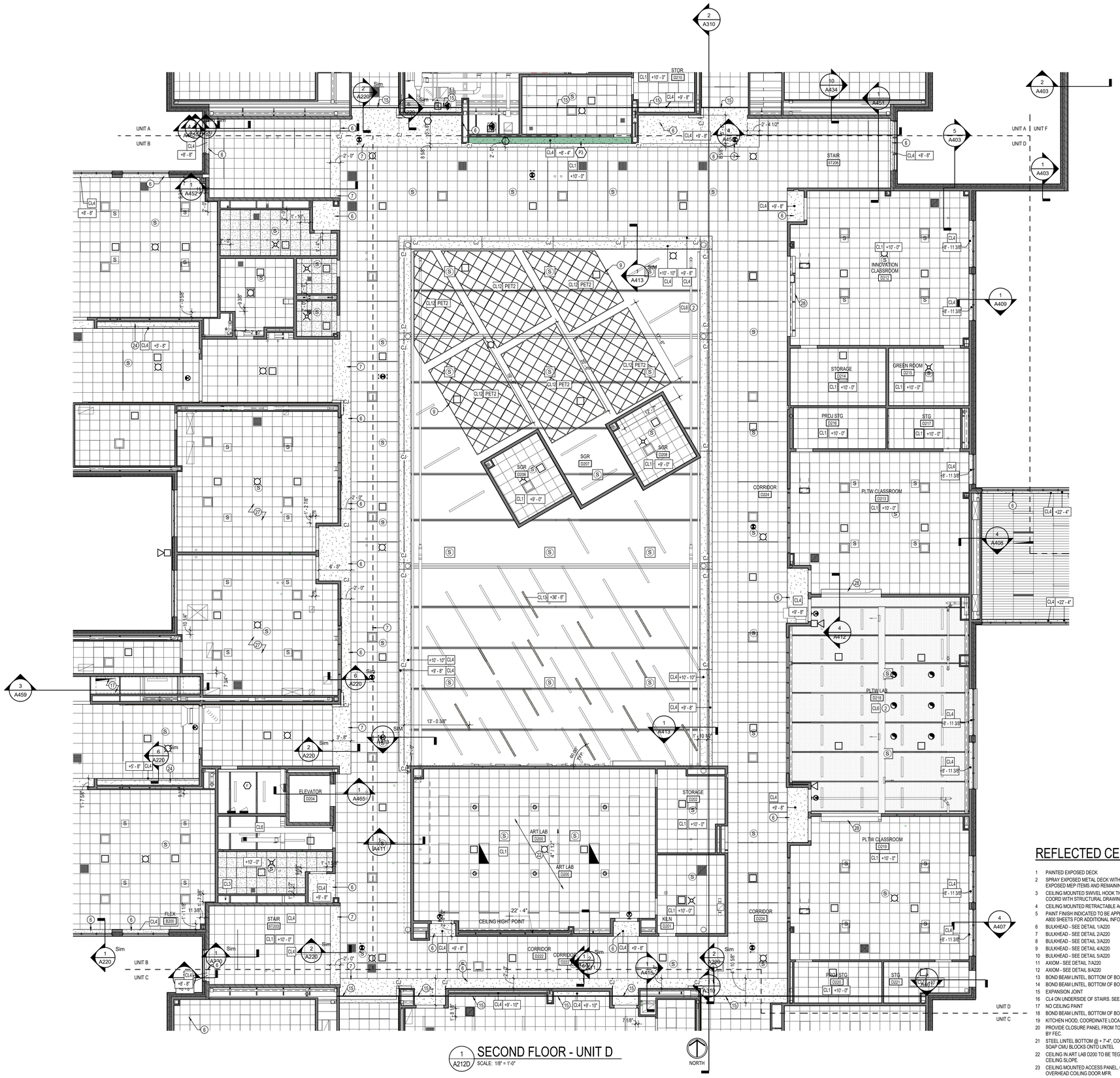
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
SECOND FLOOR REFLECTED CEILING PLAN - UNIT C

CERTIFIED BY:
BRENTON C. HALL
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A212C

PROJECT NUMBER
2023061



1 A212D SECOND FLOOR - UNIT D
SCALE: 1/8" = 1'-0"

REFLECTED CEILING PLAN NOTES

1. PAINTED EXPOSED DECK
2. SPRAY EXPOSED METAL DECK WITH K-13 ACOUSTICAL INSULATION. PAINT ALL EXPOSED MEP ITEMS AND REMAINING STRUCTURE.
3. CEILING MOUNTED SWIVEL HOOK THROUGH CEILING TILE. PROVIDE TRIM RING, COORD WITH STRUCTURAL DRAWINGS.
4. CEILING MOUNTED RETRACTABLE ACOUSTIC CURTAIN
5. PAINT FINISH INDICATED TO BE APPLIED TO UNDERSIDE OF BULKHEAD ONLY. SEE A800 SHEETS FOR ADDITIONAL INFORMATION.
6. BULKHEAD - SEE DETAIL 1/A220
7. BULKHEAD - SEE DETAIL 2/A220
8. BULKHEAD - SEE DETAIL 3/A220
9. BULKHEAD - SEE DETAIL 4/A220
10. BULKHEAD - SEE DETAIL 5/A220
11. AXIOM - SEE DETAIL 7/A220
12. AXIOM - SEE DETAIL 8/A220
13. BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +8'-8" AFF
14. BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +10'-0" AFF
15. EXPANSION JOINT
16. CL4 ON UNDERSIDE OF STAIRS. SEE VERTICAL CIRCULATION DRAWINGS.
17. NO CEILING PAINT
18. BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +8'-0" AFF
19. KITCHEN HOOD, COORDINATE LOCATION, SEE FEC DRAWINGS
20. PROVIDE CLOSURE PANEL FROM TOP OF COOLER/FREEZER TO BOTTOM OF CEILING, BY FEC.
21. STEEL LINTEL BOTTOM @ + 7'-4", COORDINATE WITH FEC FOR PASS THROUGHS, SOAP CMU BLOCKS ONTO LINTEL
22. CEILING IN ART LAB D200 TO BE TEGULAR TILE IN LEIU OF SQUARE EDGE TILE DUE TO CEILING SLOPE.
23. CEILING MOUNTED ACCESS PANEL. COORDINATE LOCATION AND FINAL SIZE WITH OVERHEAD COILING DOOR MFR.
24. BULKHEAD - SEE DETAIL 6/A220
25. AXIOM - SEE DETAIL 9/A220
26. METAL SOFFIT
27. ACOUSTIC PADS ABOVE CEILING TILES
28. EDGE TRIM AROUND OPENING IN CEILING WHERE OVERHEAD SECTIONAL DOOR WILL RETRACT ABOVE CEILING, COORD. WIDTH WITH OVERHEAD SECTIONAL DOOR

GENERAL REFLECTED CEILING PLAN NOTES

A. SEE THE ELECTRICAL DRAWINGS FOR SIZES, TYPES, AND QUANTITIES OF LIGHT FIXTURES, SPEAKERS, SMOKE DETECTORS, AND OTHER CEILING MOUNTED ELECTRICAL DEVICES.
B. SEE THE MECHANICAL DRAWINGS FOR SIZES, TYPES, AND QUANTITIES OF DIFFUSERS, GRILLES, AND OTHER MECHANICAL CEILING MOUNTED DEVICES.
C. PROVIDE, FIELD LOCATE AND INSTALL 16"x16" FLUSH ACCESS PANELS AT ALL MECHANICAL AND PLUMBING PIPING VALVE LOCATIONS ABOVE SUSPENDED GYPSUM BOARD CEILINGS. SEE THE MECHANICAL AND PLUMBING DRAWINGS FOR LOCATIONS.
D. SEE THE STRUCTURAL DRAWINGS FOR MASONRY WALLS USED FOR SHEAR WALLS THAT ARE REQUIRED TO EXTEND TO DECK/STRUCTURE ABOVE. PROVIDE BRACING FOR ALL MASONRY WALLS NOT EXTENDING TO THE DECK/STRUCTURE AS DETAILED ON STRUCTURAL DRAWINGS.
E. METAL STUDS WALLS SHALL BE ATTACHED TO THE STRUCTURE ABOVE WITH SLIP CONNECTORS. STUD WALLS NOT EXTENDING TO THE STRUCTURE/DECK ABOVE SHALL RECEIVE DIAGONAL METAL STUD BRACING AT MAXIMUM 4'-0" O.C.
F. THE SUSPENDED ACOUSTICAL TILE CEILING GRID AS SHOWN ON THESE DRAWINGS IS REPRESENTATIONAL. THE CEILING GRID IS TO BROKEN AS REQUIRED AT LIGHT FIXTURES, PROJECTION SCREENS, ETC.
G. ALL GYPSUM OR PLASTER CEILINGS AND BULKHEADS ARE TO BE PAINTED (P4) UNLESS NOTED OTHERWISE
H. SEE MECHANICAL, PLUMBING AND ELECTRICAL DOCUMENTS FOR ADDITIONAL CEILING WORK REQUIRED BY NEW MEP WORK.

REFLECTED CEILING LEGEND

- FLUORESCENT LIGHT FIXTURES, RECESSED OR SURFACE-MOUNTED, SEE ELECTRICAL DWGS
- DOWNLIGHT/HIGH BAY LIGHT FIXTURE; SEE ELECTRICAL DWGS
- CEILING MOUNTED PROJECTOR, SEE TECHNOLOGY DWGS
- RETURN/EXHAUST GRILL; SEE MECHANICAL DWGS
- SUPPLY AIR GRILL; SEE MECHANICAL DWGS
- LINEAR SLOT SUPPLY AIR GRILL; SEE MECHANICAL DWGS

CL1 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1713
STYLE: SCHOOL ZONE HIGH CAC, HIGH NRC, SQUARE EDGE
COLOR: WHITE
SIZE: 24" x 24" x 3/4"
LOCATION: CLASSROOMS/OFFICES/CORRIDORS

CL2 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1754
STYLE: FINE FISSURED HIGH NRC
COLOR: WHITE
SIZE: 24" x 24" x 7/8"
LOCATION: PERFORMING ARTS ROOMS

CL3 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1935
STYLE: ULTIMA HEALTH ZONE, SQUARE EDGE
COLOR: WHITE
SIZE: 2' x 2' x 3/4"
LOCATION: RESTROOMS/KITCHENS

CL4 SUSPENDED GYPSUM WALLBOARD CEILING SYSTEM / BULKHEAD
USE 5/8" WALLBOARD
PAINT: (P4) CEILING BRIGHT WHITE UNLESS NOTED OTHERWISE.
SEE A800 FOR FINISH INFORMATION.

CL5 MUSIC PRACTICE ROOM DOUBLE CEILING SYSTEM
INSTALL CEILING TYPE "CL2" @ +(10'-0") A.F.F.
INSTALL CEILING TYPE "CL4" @ +(12'-0") A.F.F. W/ SOUND BATTS ABOVE
INSTALL ACOUSTICAL SEALANT AT PERIMETER OF BOTH CEILINGS AND AT ALL PENETRATIONS.

CL6 EXPOSED STRUCTURE - PAINTED (P4), U.N.O.
SEE A800 FOR FINISH INFORMATION.

CL7 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1754
STYLE: FINE FISSURED HIGH NRC
COLOR: BLACK
SIZE: 24" x 24" x 7/8"
LOCATION: THEATER TECH BOOTHS

CL8 SUSPENDED METAL ACOUSTICAL CLOUD CEILING
MFR: ARMSTRONG SERPENTINA WAVES
DESCRIPTION: CURVED METAL CLOUDS 45 DEGREE ARC VALLEY
COLOR: WOOD LOOK
SIZE PER DRAWINGS

CL9 SUSPENDED METAL ACOUSTICAL CLOUD CEILING
MFR: ARMSTRONG SERPENTINA WAVES
DESCRIPTION: CURVED METAL CLOUDS 30 DEGREE ARC VALLEY
COLOR: WOOD LOOK
SIZE PER DRAWINGS

CL10 PYRAMIDAL SOUND DIFFUSING TILES IN SUSP. LAY-IN CEILING
MFR: DECOFORM PD2424F
DESCRIPTION: 1/8" MIN. ONE-PIECE FRP OR MOLDED REINFORCED FIBERGLASS
COLOR: WHITE
SIZE: 2' x 2'

CL11 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #3352
STYLE: OPTIMA OPEN PLAN / CAC BACKING
DESCRIPTION: SQUARE EDGE
COLOR: WHITE SIZE: 48" x 48" x 1"
LOCATION: CAFETERIA

CL12 SUSPENDED PET ACOUSTICAL CLOUD CEILING
MFR: TURF
STYLE: PLAID
COLOR: SEE PLAN FOR COLOR, PER LOCATION
LOCATION: COMMONS & MEDIA CENTER
EXPOSED STRUCTURE ABOVE TO BE PAINTED (P4)

CL13 SUSPENDED PET ACOUSTICAL BAFFLES
MFR: TURF
STYLE: BEAM
SIZE: 3"W x 8"H x 6'L
COLOR: 11 CELADON (PET2)
LOCATION: GATHERING STAIR

CL14 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG
STYLE: CIRRUS SECOND LOOK III
COLOR: WHITE SIZE: 24" x 48" x 3/4"
LOCATION: CAFETERIA, CORRIDORS AS NOTED

CL15 SUSPENDED METAL GRID CEILING
MFR: ARMSTRONG
STYLE: 360 PAINTED GRID SIZE: 2' x 2'
COLOR: SW6464 SHAMROCK (P3)
LOCATION: CAFETERIA

CL16 METAL SOFFIT PANELS

+0' - 0" CEILING ELEVATION MARK ABOVE FINISHED FLOOR (AT THAT LOCATION IF MULTIPLE FLOOR LEVELS ARE PRESENT)

XX CEILING PAINT; REFER TO FINISH LEGEND ON A800.

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

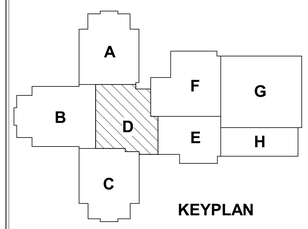
SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. The contract documents are complete and clear to describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
SECOND FLOOR REFLECTED CEILING PLAN - UNIT D

CERTIFIED BY:
BRENTON C. HIGH REGISTERED No. AR11700184 STATE OF INDIANA ARCHITECT



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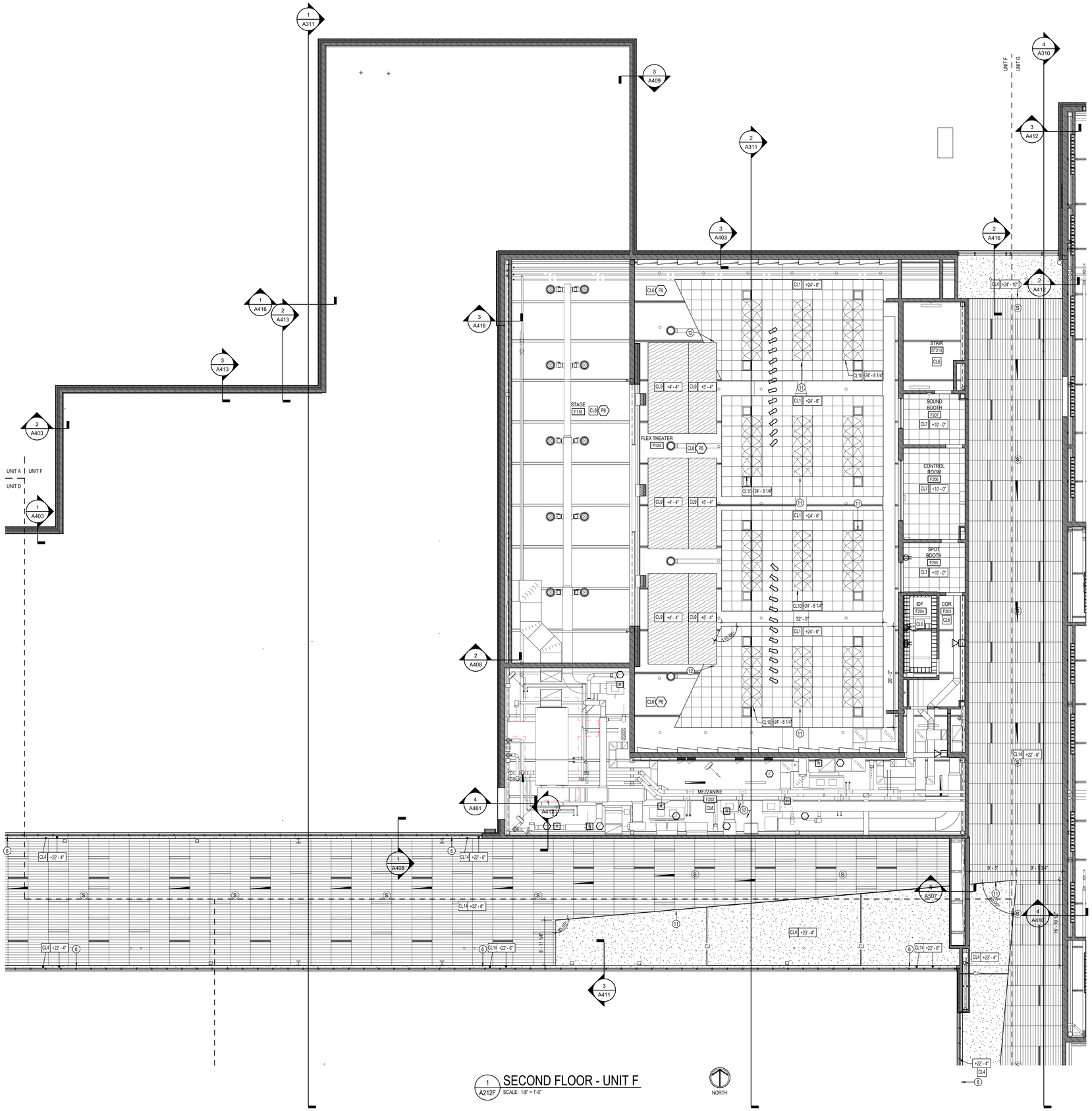
A212D

PROJECT NUMBER
2023061



1 A212F SECOND FLOOR - UNIT F
SCALE: 1/8" = 1'-0"

NORTH

REFLECTED CEILING PLAN NOTES

1. PAINTED EXPOSED DECK
2. SPRAY EXPOSED METAL DECK WITH K-13 ACOUSTICAL INSULATION. PAINT ALL EXPOSED MEP ITEMS AND REMAINING STRUCTURE.
3. CEILING MOUNTED SWIVEL HOOK THROUGH CEILING TILE, PROVIDE TRIM RING, COORD WITH STRUCTURAL DRAWINGS.
4. CEILING MOUNTED RETRACTABLE ACOUSTIC CURTAIN
5. PAINT FINISH INDICATED TO BE APPLIED TO UNDERSIDE OF BULKHEAD ONLY. SEE A800 SHEETS FOR ADDITIONAL INFORMATION.
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8. BULKHEAD - SEE DETAIL 3/A220
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12. AXIOM - SEE DETAIL 8/A220
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14. BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +10'-0" AFF
15. EXPANSION JOINT
16. CL4 ON UNDERSIDE OF STAIRS. SEE VERTICAL CIRCULATION DRAWINGS.
17. NO CEILING PAINT
18. BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +8'-0" AFF
19. KITCHEN HOOD. COORDINATE LOCATION. SEE FEC DRAWINGS
20. PROVIDE CLOSURE PANEL FROM TOP OF COOLER/FREEZER TO BOTTOM OF CEILING, BY FEC.
21. STEEL LINTEL BOTTOM @ + 7'-4". COORDINATE WITH FEC FOR PASS THROUGHS, SOAP CMU BLOCKS ONTO LINTEL
22. CEILING IN ART LAB D200 TO BE TEGULAR TILE IN LIEU OF SQUARE EDGE TILE DUE TO CEILING SLOPE.
23. CEILING MOUNTED ACCESS PANEL. COORDINATE LOCATION AND FINAL SIZE WITH OVERHEAD COILING DOOR MFR.
24. BULKHEAD - SEE DETAIL 6/A220
25. AXIOM - SEE DETAIL 9/A220
26. METAL SOFFIT
27. ACOUSTIC PADS ABOVE CEILING TILES
28. EDGE TRIM AROUND OPENING IN CEILING WHERE OVERHEAD SECTIONAL DOOR WILL RETRACT ABOVE CEILING, COORD. WIDTH WITH OVERHEAD SECTIONAL DOOR

GENERAL REFLECTED CEILING PLAN NOTES

A. SEE THE ELECTRICAL DRAWINGS FOR SIZES, TYPES, AND QUANTITIES OF LIGHT FIXTURES, SPEAKERS, SMOKE DETECTORS, AND OTHER CEILING MOUNTED ELECTRICAL DEVICES.
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D. SEE THE STRUCTURAL DRAWINGS FOR MASONRY WALLS USED FOR SHEAR WALLS THAT ARE REQUIRED TO EXTEND TO DECK/STRUCTURE ABOVE. PROVIDE BRACING FOR ALL MASONRY WALLS NOT EXTENDING TO THE DECK/STRUCTURE AS DETAILED ON STRUCTURAL DRAWINGS.
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G. ALL GYPSUM OR PLASTER CEILINGS AND BULKHEADS ARE TO BE PAINTED (P4) UNLESS NOTED OTHERWISE
H. SEE MECHANICAL, PLUMBING AND ELECTRICAL DOCUMENTS FOR ADDITIONAL CEILING WORK REQUIRED BY NEW MEP WORK.

REFLECTED CEILING LEGEND

- FLUORESCENT LIGHT FIXTURES, RECESSED OR SURFACE-MOUNTED, SEE ELECTRICAL DWGS
- DOWNLIGHT/HIGH BAY LIGHT FIXTURE; SEE ELECTRICAL DWGS
- CEILING MOUNTED PROJECTOR, SEE TECHNOLOGY DWGS
- RETURN/EXHAUST GRILL; SEE MECHANICAL DWGS
- SUPPLY AIR GRILL; SEE MECHANICAL DWGS
- LINEAR SLOT SUPPLY AIR GRILL; SEE MECHANICAL DWGS

CL1 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1713
STYLE: SCHOOL ZONE HIGH CAC, HIGH NRC, SQUARE EDGE
COLOR: WHITE
SIZE: 24" x 24" x 3/4"
LOCATION: CLASSROOMS/OFFICES/CORRIDORS

CL2 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1754
STYLE: FINE FISSURED HIGH NRC
COLOR: WHITE
SIZE: 24" x 24" x 7/8"
LOCATION: PERFORMING ARTS ROOMS

CL3 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1935
STYLE: ULTIMA HEALTH ZONE, SQUARE EDGE
COLOR: WHITE
SIZE: 2' x 2' x 3/4"
LOCATION: RESTROOMS/KITCHENS

CL4 SUSPENDED GYPSUM WALLBOARD CEILING SYSTEM / BULKHEAD
USE 5/8" WALLBOARD
PAINT: (P4) CEILING BRIGHT WHITE UNLESS NOTED OTHERWISE.
SEE A800 FOR FINISH INFORMATION.

CL5 MUSIC PRACTICE ROOM DOUBLE CEILING SYSTEM
INSTALL CEILING TYPE "CL2" @ +(10'-0") A.F.F.
INSTALL CEILING TYPE "CL4" @ +(12'-0") A.F.F. W/ SOUND BATTS ABOVE
INSTALL ACOUSTICAL SEALANT AT PERIMETER OF BOTH CEILINGS AND AT ALL PENETRATIONS.

CL6 EXPOSED STRUCTURE - PAINTED (P4), U.N.O.
SEE A800 FOR FINISH INFORMATION.

CL7 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1754
STYLE: FINE FISSURED HIGH NRC
COLOR: BLACK
SIZE: 24" x 24" x 7/8"
LOCATION: THEATER TECH BOOTHS

CL8 SUSPENDED METAL ACOUSTICAL CLOUD CEILING
MFR: ARMSTRONG SERPENTINA WAVES
DESCRIPTION: CURVED METAL CLOUDS 45 DEGREE ARC VALLEY
COLOR: WOOD LOOK
SIZE PER DRAWINGS

CL9 SUSPENDED METAL ACOUSTICAL CLOUD CEILING
MFR: ARMSTRONG SERPENTINA WAVES
DESCRIPTION: CURVED METAL CLOUDS 30 DEGREE ARC VALLEY
COLOR: WOOD LOOK
SIZE PER DRAWINGS

CL10 PYRAMIDAL SOUND DIFFUSING TILES IN SUSP. LAY-IN CEILING
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DESCRIPTION: 1/8" MIN. ONE-PIECE FRP OR MOLDED REINFORCED FIBERGLASS
COLOR: WHITE
SIZE: 2' x 2'

CL11 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #3352
STYLE: OPTIMA OPEN PLAN / CAC BACKING
DESCRIPTION: SQUARE EDGE
COLOR: WHITE SIZE: 48" x 48" x 1"
LOCATION: CAFETERIA

CL12 SUSPENDED PET ACOUSTICAL CLOUD CEILING
MFR: TURF
STYLE: PLAID
COLOR: SEE PLAN FOR COLOR, PER LOCATION
LOCATION: COMMONS & MEDIA CENTER
EXPOSED STRUCTURE ABOVE TO BE PAINTED (P4)

CL13 SUSPENDED PET ACOUSTICAL BAFFLES
MFR: TURF
STYLE: BEAM
SIZE: 3"W x 8"H x 6'L
COLOR: 11 CELADON (PET2)
LOCATION: GATHERING STAIR

CL14 SUSPENDED ACOUSTICAL LAY-IN CEILING
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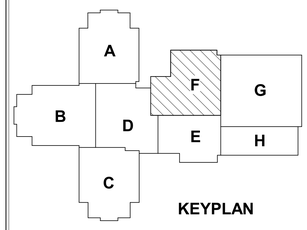
STYLE: CIRRUS SECOND LOOK III
COLOR: WHITE SIZE: 24" x 48" x 3/4"
LOCATION: CAFETERIA, CORRIDORS AS NOTED

CL15 SUSPENDED METAL GRID CEILING
MFR: ARMSTRONG
STYLE: 360 PAINTED GRID SIZE: 2' x 2'
COLOR: SW6454 SHAMROCK (P3)
LOCATION: CAFETERIA

CL16 METAL SOFFIT PANELS

+0' - 0" CEILING ELEVATION MARK ABOVE FINISHED FLOOR (AT THAT LOCATION IF MULTIPLE FLOOR LEVELS ARE PRESENT)

XX CEILING PAINT; REFER TO FINISH LEGEND ON A800.



KEYPLAN

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

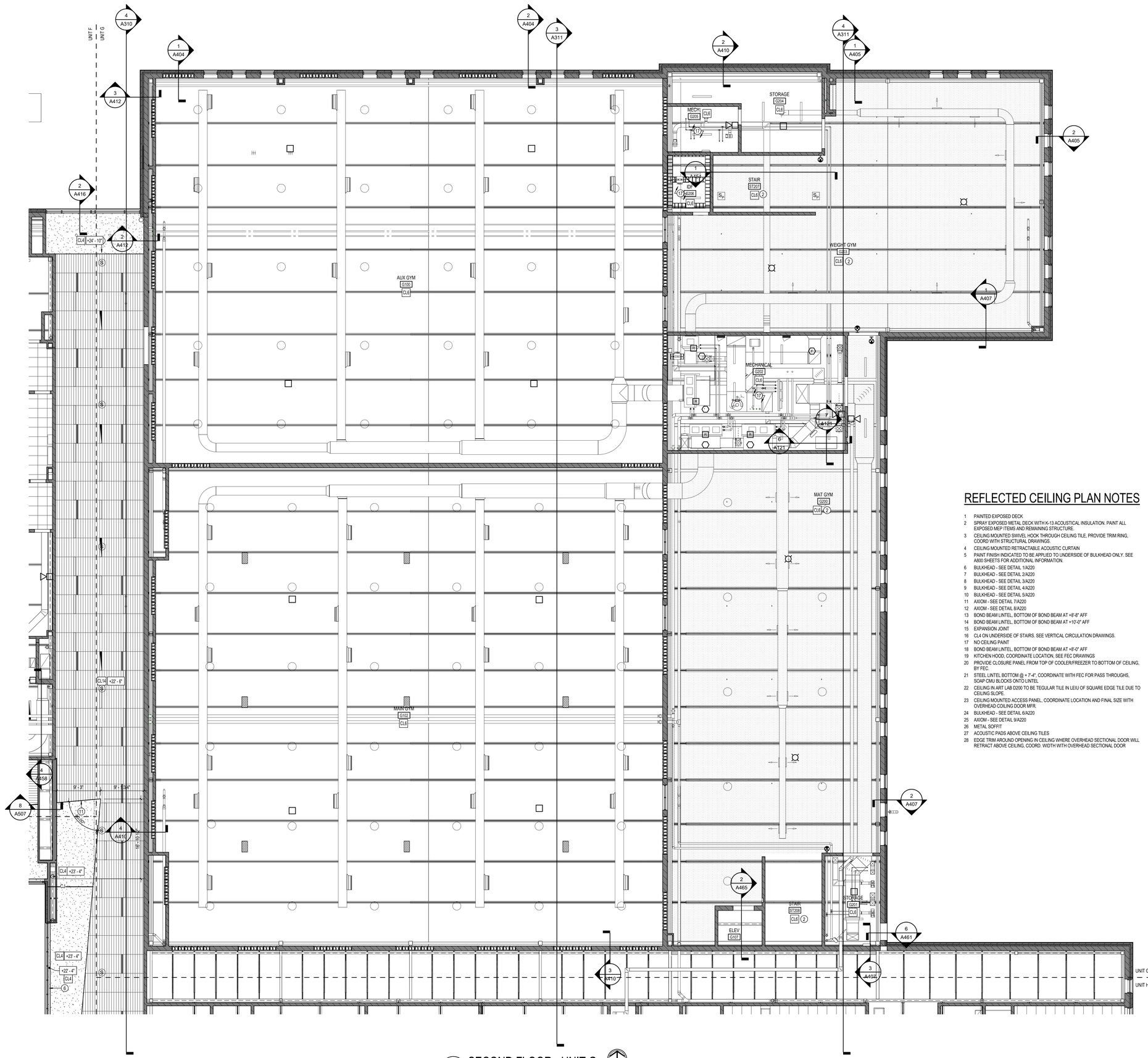
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
SECOND FLOOR REFLECTED CEILING PLAN - UNIT F

CERTIFIED BY:
BRENDON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A212F

PROJECT NUMBER
2023061



1 A212G SECOND FLOOR - UNIT G
SCALE: 1/8" = 1'-0"

NORTH

REFLECTED CEILING PLAN NOTES

1 PAINTED EXPOSED DECK.
2 SPRAY EXPOSED METAL DECK WITH K-13 ACOUSTICAL INSULATION. PAINT ALL EXPOSED MEP ITEMS AND REMAINING STRUCTURE.
3 CEILING MOUNTED SWIVEL HOOK THROUGH CEILING TILE. PROVIDE TRIM RING, COORD WITH STRUCTURAL DRAWINGS.
4 CEILING MOUNTED RETRACTABLE ACOUSTIC CURTAIN
5 PAINT FINISH INDICATED TO BE APPLIED TO UNDERSIDE OF BULKHEAD ONLY. SEE A800 SHEETS FOR ADDITIONAL INFORMATION.
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7 BULKHEAD - SEE DETAIL 2/A220
8 BULKHEAD - SEE DETAIL 3/A220
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10 BULKHEAD - SEE DETAIL 5/A220
11 AXIOM - SEE DETAIL 7/A220
12 AXIOM - SEE DETAIL 8/A220
13 BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +8'-8" AFF
14 BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +10'-0" AFF
15 EXPANSION JOINT
16 CL4 ON UNDERSIDE OF STAIRS. SEE VERTICAL CIRCULATION DRAWINGS.
17 NO CEILING PAINT
18 BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +8'-0" AFF
19 KITCHEN HOOD, COORDINATE LOCATION, SEE FEC DRAWINGS
20 PROVIDE CLOSURE PANEL FROM TOP OF COOLER/FREEZER TO BOTTOM OF CEILING, BY FEC.
21 STEEL LINTEL BOTTOM @ +7'-4", COORDINATE WITH FEC FOR PASS THROUGHS, SOAP CMU BLOCKS ONTO LINTEL
22 CEILING IN ART LAB D200 TO BE TEGULAR TILE IN LEIU OF SQUARE EDGE TILE DUE TO CEILING SLOPE.
23 CEILING MOUNTED ACCESS PANEL, COORDINATE LOCATION AND FINAL SIZE WITH OVERHEAD COILING DOOR MFR.
24 BULKHEAD - SEE DETAIL 6/A220
25 AXIOM - SEE DETAIL 9/A220
26 METAL SOFFIT
27 ACOUSTIC PADS ABOVE CEILING TILES
28 EDGE TRIM AROUND OPENING IN CEILING WHERE OVERHEAD SECTIONAL DOOR WILL RETRACT ABOVE CEILING, COORD. WIDTH WITH OVERHEAD SECTIONAL DOOR

GENERAL REFLECTED CEILING PLAN NOTES

A. SEE THE ELECTRICAL DRAWINGS FOR SIZES, TYPES, AND QUANTITIES OF LIGHT FIXTURES, SPEAKERS, SMOKE DETECTORS, AND OTHER CEILING MOUNTED ELECTRICAL DEVICES.
B. SEE THE MECHANICAL DRAWINGS FOR SIZES, TYPES, AND QUANTITIES OF DIFFUSERS, GRILLES, AND OTHER MECHANICAL CEILING MOUNTED DEVICES.
C. PROVIDE, FIELD LOCATE AND INSTALL 16"x16" FLUSH ACCESS PANELS AT ALL MECHANICAL AND PLUMBING PIPING VALVE LOCATIONS ABOVE SUSPENDED GYPSUM BOARD CEILINGS. SEE THE MECHANICAL AND PLUMBING DRAWINGS FOR LOCATIONS.
D. SEE THE STRUCTURAL DRAWINGS FOR MASONRY WALLS USED FOR SHEAR WALLS THAT ARE REQUIRED TO EXTEND TO DECK/STRUCTURE ABOVE. PROVIDE BRACING FOR ALL MASONRY WALLS NOT EXTENDING TO THE DECK/STRUCTURE AS DETAILED ON STRUCTURAL DRAWINGS.
E. METAL STUDS WALLS SHALL BE ATTACHED TO THE STRUCTURE ABOVE WITH SLIP CONNECTORS. STUD WALLS NOT EXTENDING TO THE STRUCTURE/DECK ABOVE SHALL RECEIVE DIAGONAL METAL STUD BRACING AT MAXIMUM 4'-0" O.C.
F. THE SUSPENDED ACOUSTICAL TILE CEILING GRID AS SHOWN ON THESE DRAWINGS IS REPRESENTATIONAL. THE CEILING GRID IS TO BROKEN AS REQUIRED AT LIGHT FIXTURES, PROJECTION SCREENS, ETC.
G. ALL GYPSUM OR PLASTER CEILINGS AND BULKHEADS ARE TO BE PAINTED (P4) UNLESS NOTED OTHERWISE
H. SEE MECHANICAL, PLUMBING AND ELECTRICAL DOCUMENTS FOR ADDITIONAL CEILING WORK REQUIRED BY NEW MEP WORK.

REFLECTED CEILING LEGEND

- FLUORESCENT LIGHT FIXTURES, RECESSED OR SURFACE-MOUNTED, SEE ELECTRICAL DWGS
- DOWNLIGHT/HIGH BAY LIGHT FIXTURE; SEE ELECTRICAL DWGS
- CEILING MOUNTED PROJECTOR, SEE TECHNOLOGY DWGS
- RETURN/EXHAUST GRILL; SEE MECHANICAL DWGS
- SUPPLY AIR GRILL; SEE MECHANICAL DWGS
- LINEAR SLOT SUPPLY AIR GRILL; SEE MECHANICAL DWGS

CL1 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1713
STYLE: SCHOOL ZONE HIGH CAC, HIGH NRC, SQUARE EDGE
COLOR: WHITE
SIZE: 24" x 24" x 3/4"
LOCATION: CLASSROOMS/OFFICES/CORRIDORS

CL2 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1754
STYLE: FINE FISSURED HIGH NRC
COLOR: WHITE
SIZE: 24" x 24" x 7/8"
LOCATION: PERFORMING ARTS ROOMS

CL3 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1935
STYLE: ULTIMA HEALTH ZONE, SQUARE EDGE
COLOR: WHITE
SIZE: 2' x 2' x 3/4"
LOCATION: RESTROOMS/KITCHENS

CL4 SUSPENDED GYPSUM WALLBOARD CEILING SYSTEM / BULKHEAD
USE 5/8" WALLBOARD
PAINT: (P4) CEILING BRIGHT WHITE UNLESS NOTED OTHERWISE.
SEE A800 FOR FINISH INFORMATION.

CL5 MUSIC PRACTICE ROOM DOUBLE CEILING SYSTEM
INSTALL CEILING TYPE "CL2" @ +(10'-0") A.F.F.
INSTALL CEILING TYPE "CL4" @ +(12'-0") A.F.F. W/ SOUND BATTS ABOVE
INSTALL ACOUSTICAL SEALANT AT PERIMETER OF BOTH CEILINGS AND AT ALL PENETRATIONS.

CL6 EXPOSED STRUCTURE - PAINTED (P4), U.N.O.
SEE A800 FOR FINISH INFORMATION.

CL7 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1754
STYLE: FINE FISSURED HIGH NRC
COLOR: BLACK
SIZE: 24" x 24" x 7/8"
LOCATION: THEATER TECH BOOTHS

CL8 SUSPENDED METAL ACOUSTICAL CLOUD CEILING
MFR: ARMSTRONG SERPENTINA WAVES
DESCRIPTION: CURVED METAL CLOUDS 45 DEGREE ARC VALLEY
COLOR: WOOD LOOK
SIZE PER DRAWINGS

CL9 SUSPENDED METAL ACOUSTICAL CLOUD CEILING
MFR: ARMSTRONG SERPENTINA WAVES
DESCRIPTION: CURVED METAL CLOUDS 30 DEGREE ARC VALLEY
COLOR: WOOD LOOK
SIZE PER DRAWINGS

CL10 PYRAMIDAL SOUND DIFFUSING TILES IN SUSP. LAY-IN CEILING
MFR: DECOFORM PD2424F
DESCRIPTION: 1/8" MIN. ONE-PIECE FRP OR MOLDED REINFORCED FIBERGLASS
COLOR: WHITE
SIZE: 2' x 2'

CL11 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #3352
STYLE: OPTIMA OPEN PLAN / CAC BACKING
DESCRIPTION: SQUARE EDGE
COLOR: WHITE SIZE: 48" x 48" x 1"
LOCATION: CAFETERIA

CL12 SUSPENDED PET ACOUSTICAL CLOUD CEILING
MFR: TURF
STYLE: PLAID
COLOR: SEE PLAN FOR COLOR, PER LOCATION
LOCATION: COMMONS & MEDIA CENTER
EXPOSED STRUCTURE ABOVE TO BE PAINTED (P4)

CL13 SUSPENDED PET ACOUSTICAL BAFFLES
MFR: TURF
STYLE: BEAM
SIZE: 3"W x 4"H x 6'L
COLOR: 11 CELADON (PET2)
LOCATION: GATHERING STAIR

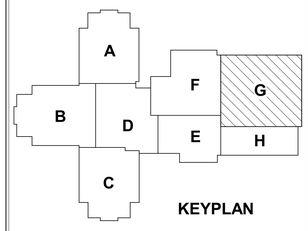
CL14 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG
STYLE: CIRRUS SECOND LOOK III
COLOR: WHITE SIZE: 24" x 48" x 3/4"
LOCATION: CAFETERIA, CORRIDORS AS NOTED

CL15 SUSPENDED METAL GRID CEILING
MFR: ARMSTRONG
STYLE: 360 PAINTED GRID SIZE: 2' x 2'
COLOR: SW6454 SHAMROCK (P3)
LOCATION: CAFETERIA

CL16 METAL SOFFIT PANELS

+0' - 0" CEILING ELEVATION MARK ABOVE FINISHED FLOOR (AT THAT LOCATION IF MULTIPLE FLOOR LEVELS ARE PRESENT)

XX CEILING PAINT; REFER TO FINISH LEGEND ON A800.



KEYPLAN

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
The Trade Contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

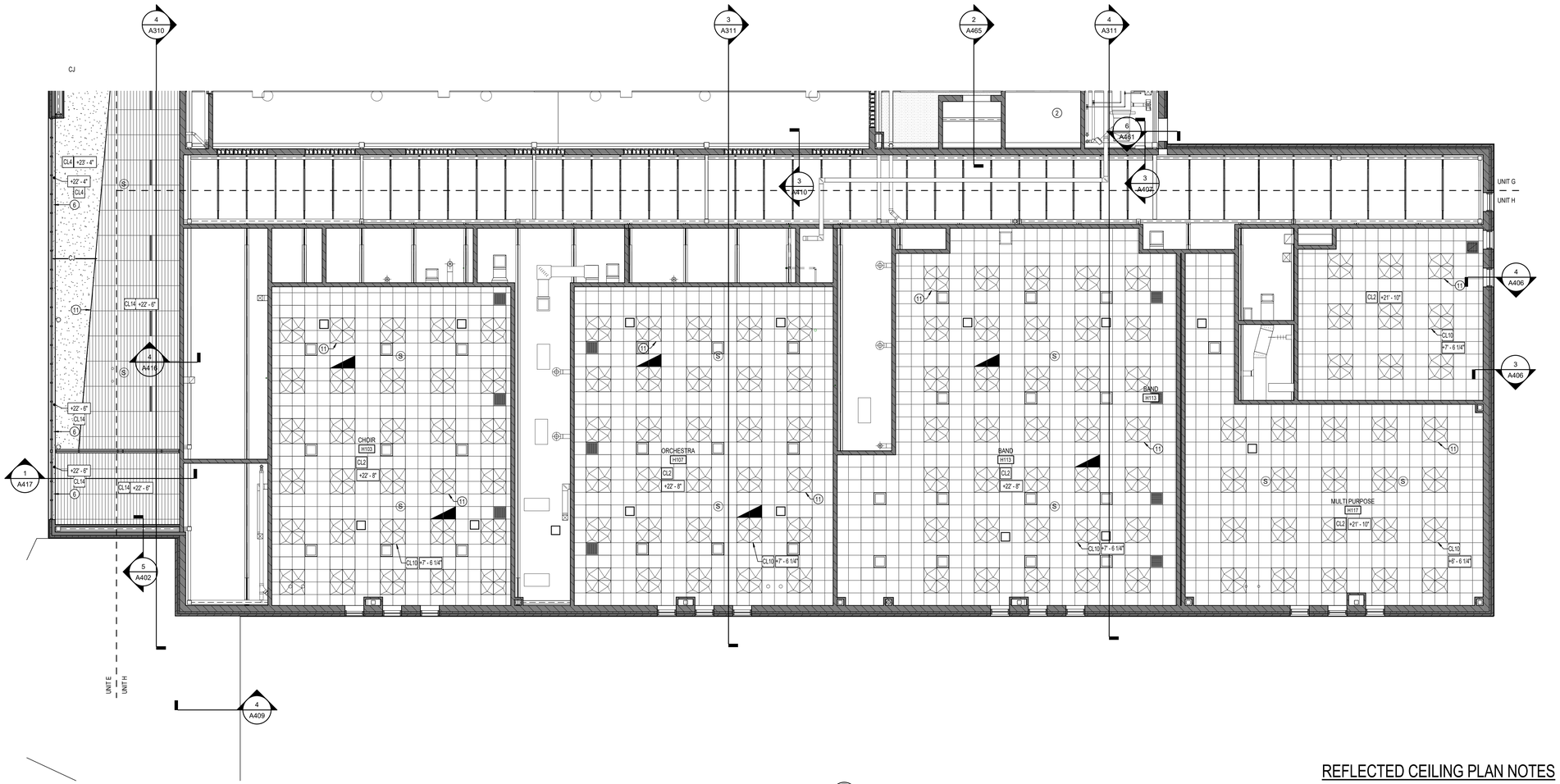
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
SECOND FLOOR REFLECTED CEILING PLAN - UNIT G

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A212G

PROJECT NUMBER
2023061



1 A212H SECOND FLOOR - UNIT H
SCALE: 1/8" = 1'-0"

NORTH

REFLECTED CEILING PLAN NOTES

1. PAINTED EXPOSED DECK
2. SPRAY EXPOSED METAL DECK WITH K-13 ACOUSTICAL INSULATION. PAINT ALL EXPOSED MEP ITEMS AND REMAINING STRUCTURE.
3. CEILING MOUNTED SWIVEL HOOK THROUGH CEILING TILE, PROVIDE TRIM RING, COORD WITH STRUCTURAL DRAWINGS.
4. CEILING MOUNTED RETRACTABLE ACOUSTIC CURTAIN
5. PAINT FINISH INDICATED TO BE APPLIED TO UNDERSIDE OF BULKHEAD ONLY. SEE A800 SHEETS FOR ADDITIONAL INFORMATION.
6. BULKHEAD - SEE DETAIL 1/A220
7. BULKHEAD - SEE DETAIL 2/A220
8. BULKHEAD - SEE DETAIL 3/A220
9. BULKHEAD - SEE DETAIL 4/A220
10. BULKHEAD - SEE DETAIL 5/A220
11. AXIOM - SEE DETAIL 7/A220
12. AXIOM - SEE DETAIL 8/A220
13. BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +8'-8" AFF
14. BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +10'-0" AFF
15. EXPANSION JOINT
16. CL4 ON UNDERSIDE OF STAIRS. SEE VERTICAL CIRCULATION DRAWINGS.
17. NO CEILING PAINT
18. BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +8'-0" AFF
19. KITCHEN HOOD, COORDINATE LOCATION, SEE FEC DRAWINGS
20. PROVIDE CLOSURE PANEL FROM TOP OF COOLER/FREEZER TO BOTTOM OF CEILING, BY FEC.
21. STEEL LINTEL BOTTOM @ + 7'-4", COORDINATE WITH FEC FOR PASS THROUGHS, SOAP CMU BLOCKS ONTO LINTEL
22. CEILING IN ART LAB D200 TO BE TEGULAR TILE IN LIEU OF SQUARE EDGE TILE DUE TO CEILING SLOPE
23. CEILING MOUNTED ACCESS PANEL, COORDINATE LOCATION AND FINAL SIZE WITH OVERHEAD COILING DOOR MFR.
24. BULKHEAD - SEE DETAIL 6/A220
25. AXIOM - SEE DETAIL 9/A220
26. METAL SOFFIT
27. ACOUSTIC PADS ABOVE CEILING TILES
28. EDGE TRIM AROUND OPENING IN CEILING WHERE OVERHEAD SECTIONAL DOOR WILL RETRACT ABOVE CEILING, COORD. WIDTH WITH OVERHEAD SECTIONAL DOOR

GENERAL REFLECTED CEILING PLAN NOTES

A. SEE THE ELECTRICAL DRAWINGS FOR SIZES, TYPES, AND QUANTITIES OF LIGHT FIXTURES, SPEAKERS, SMOKE DETECTORS, AND OTHER CEILING MOUNTED ELECTRICAL DEVICES.
B. SEE THE MECHANICAL DRAWINGS FOR SIZES, TYPES, AND QUANTITIES OF DIFFUSERS, GRILLES, AND OTHER MECHANICAL CEILING MOUNTED DEVICES.
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F. THE SUSPENDED ACOUSTICAL TILE CEILING GRID AS SHOWN ON THESE DRAWINGS IS REPRESENTATIONAL. THE CEILING GRID IS TO BROKEN AS REQUIRED AT LIGHT FIXTURES, PROJECTION SCREENS, ETC.
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REFLECTED CEILING LEGEND

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- DOWNLIGHT/HIGH BAY LIGHT FIXTURE; SEE ELECTRICAL DWGS
- CEILING MOUNTED PROJECTOR, SEE TECHNOLOGY DWGS
- RETURN/EXHAUST GRILL; SEE MECHANICAL DWGS
- SUPPLY AIR GRILL; SEE MECHANICAL DWGS
- LINEAR SLOT SUPPLY AIR GRILL; SEE MECHANICAL DWGS

CL1 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1713
STYLE: SCHOOL ZONE HIGH CAC, HIGH NRC, SQUARE EDGE
COLOR: WHITE
SIZE: 24" x 24" x 3/4"
LOCATION: CLASSROOMS/OFFICES/CORRIDORS

CL2 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1754
STYLE: FINE FISSURED HIGH NRC
COLOR: WHITE
SIZE: 24" x 24" x 7/8"
LOCATION: PERFORMING ARTS ROOMS

CL3 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1935
STYLE: ULTIMA HEALTH ZONE, SQUARE EDGE
COLOR: WHITE
SIZE: 2' x 2' x 3/4"
LOCATION: RESTROOMS/KITCHENS

CL4 SUSPENDED GYPSUM WALLBOARD CEILING SYSTEM / BULKHEAD
USE 5/8" WALLBOARD
PAINT: (P4) CEILING BRIGHT WHITE UNLESS NOTED OTHERWISE. SEE A800 FOR FINISH INFORMATION.

CL5 MUSIC PRACTICE ROOM DOUBLE CEILING SYSTEM
INSTALL CEILING TYPE "CL2" @ +(10'-0") A.F.F.
INSTALL CEILING TYPE "CL4" @ +(12'-0") A.F.F. W/ SOUND BATTS ABOVE
INSTALL ACOUSTICAL SEALANT AT PERIMETER OF BOTH CEILINGS AND AT ALL PENETRATIONS.

CL6 EXPOSED STRUCTURE - PAINTED (P4), U.N.O.
SEE A800 FOR FINISH INFORMATION.

CL7 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #1754
STYLE: FINE FISSURED HIGH NRC
COLOR: BLACK
SIZE: 24" x 24" x 7/8"
LOCATION: THEATER TECH BOOTHS

CL8 SUSPENDED METAL ACOUSTICAL CLOUD CEILING
MFR: ARMSTRONG SERPENTINA WAVES
DESCRIPTION: CURVED METAL CLOUDS 45 DEGREE ARC VALLEY
COLOR: WOOD LOOK
SIZE PER DRAWINGS

CL9 SUSPENDED METAL ACOUSTICAL CLOUD CEILING
MFR: ARMSTRONG SERPENTINA WAVES
DESCRIPTION: CURVED METAL CLOUDS 30 DEGREE ARC VALLEY
COLOR: WOOD LOOK
SIZE PER DRAWINGS

CL10 PYRAMIDAL SOUND DIFFUSING TILES IN SUSP. LAY-IN CEILING
MFR: DECOFORM PD24GE
DESCRIPTION: 1/8" MIN. ONE-PIECE FRP OR MOLDED REINFORCED FIBERGLASS
COLOR: WHITE
SIZE: 2' x 2'

CL11 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG MODEL #3352
STYLE: OPTIMA OPEN PLAN / CAC BACKING
DESCRIPTION: SQUARE EDGE
COLOR: WHITE SIZE: 48" x 48" x 1"
LOCATION: CAFETERIA

CL12 SUSPENDED PET ACOUSTICAL CLOUD CEILING
MFR: TURF
STYLE: PLAID
COLOR: SEE PLAN FOR COLOR, PER LOCATION
LOCATION: COMMONS & MEDIA CENTER
EXPOSED STRUCTURE ABOVE TO BE PAINTED (P4)

CL13 SUSPENDED PET ACOUSTICAL BAFFLES
MFR: TURF
STYLE: BEAM
SIZE: 3"W x 8"H x 6'L
COLOR: 11 CELADON (PET2)
LOCATION: GATHERING STAIR

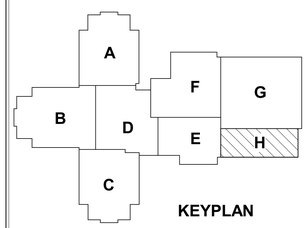
CL14 SUSPENDED ACOUSTICAL LAY-IN CEILING
MFR: ARMSTRONG
STYLE: CIRRUS SECOND LOOK III
COLOR: WHITE SIZE: 24" x 48" x 3/4"
LOCATION: CAFETERIA, CORRIDORS AS NOTED

CL15 SUSPENDED METAL GRID CEILING
MFR: ARMSTRONG
STYLE: 360 PAINTED GRID SIZE: 2' x 2'
COLOR: SW6454 SHAMROCK (P3)
LOCATION: CAFETERIA

CL16 METAL SOFFIT PANELS

+0' - 0" CEILING ELEVATION MARK ABOVE FINISHED FLOOR (AT THAT LOCATION IF MULTIPLE FLOOR LEVELS ARE PRESENT)

XX CEILING PAINT: REFER TO FINISH LEGEND ON A800.



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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the general requirements of all the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for the performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

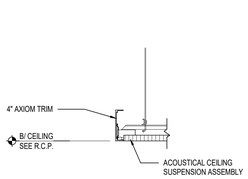
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
SECOND FLOOR REFLECTED CEILING PLAN - UNIT H

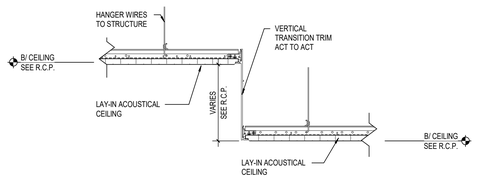
CERTIFIED BY:
BRENTON C. HALL
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A212H

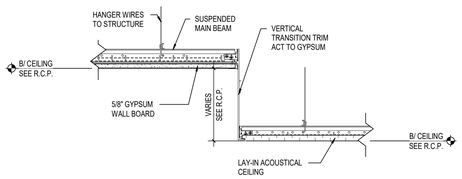
PROJECT NUMBER
2023061



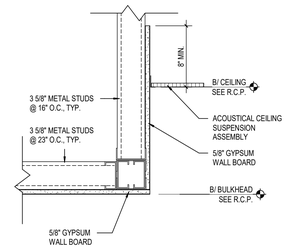
9 A220 AXIOM DETAIL 3
SCALE: 1 1/2" = 1'-0"



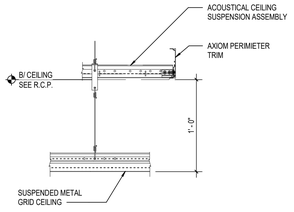
8 A220 AXIOM DETAIL 2
SCALE: 1 1/2" = 1'-0"



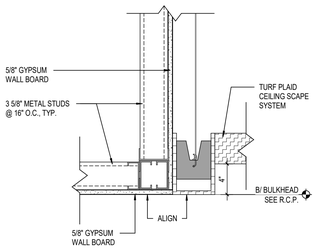
7 A220 AXIOM DETAIL 1
SCALE: 1 1/2" = 1'-0"



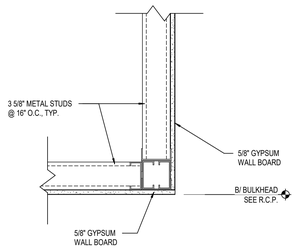
6 A220 BULKHEAD DETAIL 5
SCALE: 1 1/2" = 1'-0"



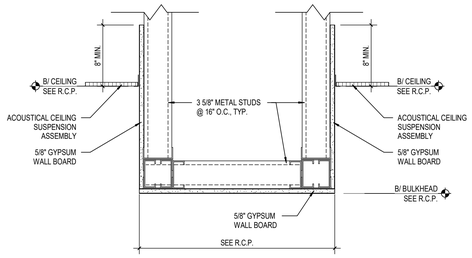
5 A220 LAYERED CEILING DETAIL
SCALE: 1 1/2" = 1'-0"



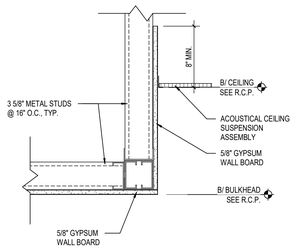
4 A220 BULKHEAD DETAIL 4
SCALE: 1 1/2" = 1'-0"



3 A220 BULKHEAD DETAIL 3
SCALE: 1 1/2" = 1'-0"



2 A220 BULKHEAD DETAIL 2
SCALE: 1 1/2" = 1'-0"



1 A220 BULKHEAD DETAIL 1
SCALE: 1 1/2" = 1'-0"

KEYNOTE LEGEND

03 30 00-A	WATERSTOP
03 30 00-B	CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL
03 30 00-C	CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL
03 30 00-D	CONCRETE FOUNDATION- SEE STRUCTURAL
03 30 00-E	CONCRETE FOOTING- SEE STRUCTURAL
03 30 00-F	1/2" EXPANSION MATERIAL
04 20 00-A	GROUT CORE SOLID
04 20 00-B	MASONRY TIE
04 20 00-C	CELL WEEP VENTS @ 16" O.C.
04 20 00-D	ADJUSTIBLE MASONRY VENEER ANCHOR AT 16" O.C. VERTICALLY
04 20 00-F	METAL FLASHING
04 20 00-G	THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE
04 20 00-H	CAVITY DRAINAGE MATERIAL
04 20 00-J	BRICK TYPE 1 (WIRE CUT)
04 20 00-K	BRICK TYPE 2 (SMOOTH FACE)
04 20 00-K.1	BRICK TYPE 2 (SOLDIER COURSE) - SEE SIZE ON DRAWING 10/A430
04 20 00-L	4" CONCRETE MASONRY UNIT
04 20 00-M	6" CONCRETE MASONRY UNIT
04 20 00-N	8" CONCRETE MASONRY UNIT
04 20 00-O	10" CONCRETE MASONRY UNIT
04 20 00-P	12" CONCRETE MASONRY UNIT
04 20 00-Q	BULLNOSE UNIT
04 20 00-R	BOND BEAM MASONRY UNIT
04 20 00-S	DECORATIVE CMU (GROUND FACE)
04 20 00-T	ACOUSTICAL BLOCK
04 20 00-U	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, SMOOTH)
04 20 00-V	CALCIUM SILICATE MASONRY UNIT (LARGE FORMAT, SMOOTH)
04 20 00-W	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, ROUGH)
04 20 00-X	4" GROUND FACE CONCRETE MASONRY UNIT
04 72 00-A	CAST STONE SILL - SEE SIZE ON DRAWING 10/A430
04 72 00-B	CAST STONE
05 12 00-A	STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL
05 12 00-B	STEEL ANGLE- SEE STRUCTURAL
05 12 00-C	STEEL BENT PLATE- SEE STRUCTURAL
05 12 00-D	STEEL BEAM- SEE STRUCTURAL
05 12 00-E	STEEL COLUMN - SEE STRUCTURAL
05 12 00-F	STEEL PLATE - SEE STRUCTURAL
05 21 00-A	STEEL JOIST- SEE STRUCTURAL
05 31 00-A	METAL ROOF DECKING- SEE STRUCTURAL
05 31 00-B	METAL FLOOR DECKING- SEE STRUCTURAL
05 40 00-A	6" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-B	2 1/2" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-C	3 5/8" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-D	6"x6" 10 GA. COLD FORMED STEEL ANGLE, CUT TO FIT. ATTACH JAMB TO HEAD
05 40 00-F	CLIP ANGLE
05 40 00-J	3" 16GA. GALVANIZED Z-BAR SUB GIRTS
05 40 00-L	7/8" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 40 00-M	1 1/2" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 50 00-A	MISCELLANEOUS STEEL - SEE STRUCTURAL
05 50 00-B	GALVANIZED STEEL BRICK LINTEL
05 50 00-E	PRE-MANUFACTURED ALUMINUM ACCESS LADDER
05 50 00-F	ELEVATOR HOIST BEAM- COORDINATE WITH ELEVATOR MANUFACTURER
05 51 00-A	MANUFACTURED STEEL FRAMED STAIR
05 51 00-B	CONCRETE FILLED METAL PAN TREAD AND RISER
05 51 00-C	STAIR METAL STRINGER- CHANNEL
05 51 00-D	STAIR METAL STRINGER - TUBE
05 52 13-E	1-1/4" I.D. PAINTED STEEL PIPE RAILING
05 52 13-F	1-1/4" I.D. PAINTED STEEL PIPE HANDRAIL
05 52 13-G	1-1/4" I.D. PAINTED GALVANIZED STEEL PIPE RAILING
05 52 13-U	1-1/2" O.D. GALVANIZED STEEL PIPE GUARDRAIL
05 73 00-A	DECORATIVE METAL RAILING
05 73 00-B	1-1/4" I.D. COLOR ANODIZED ALUMINUM HANDRAIL
06 10 00-A	SHIM AS REQUIRED
06 10 00-B	2X WOOD BLOCKING
06 16 00-A	3/4" EXTERIOR GRADE PLYWOOD
06 16 00-B	5/8" EXTERIOR GRADE PLYWOOD
06 16 00-C	TWO LAYERS OF 3/4" EXTERIOR GRADE PLYWOOD
06 16 00-D	1/2" EXTERIOR GRADE PLYWOOD
06 16 00-E	5/8" EXTERIOR GYPSUM SHEATHING
06 40 00-A	1 1/2" WOOD TRIM
06 40 00-B	SOILD SURFACE WINDOW STOOL
06 40 00-G	1X HARDWOOD TRIM, STAINED
07 13 26-A	SELF-ADHEREING SHEET WATERPROOFING
07 13 26-B	RIGID INSULATION
07 13 26-C	MOLDED SHEET DRAINAGE PANEL
07 21 00-A	SLAB PERIMETER RIGID INSULATION (R-15 FOR 24")
07 21 00-J	PACK FULL WITH MINERAL WOOL INSULATION
07 21 00-K	3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8)
07 21 00-L	3" THERMALLY ISOLATED COMPOSITE Z-GIRT INSULATION SYSTEM
07 21 00-N	MINERAL WOOL BATT INSULATION
07 27 26-A	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE
07 27 26-B	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE, EXTEND AROUND BLOCK TO UNDER WINDOW / PARAPET
07 31 13-A	ASPHALT SHINGLE ROOF
07 42 13-A	PRE-FINISHED METAL WALL PANEL
07 42 13-B	METAL WALL PANEL
07 42 13-C	METAL WALL PANEL - SOFFIT
07 42 13-E	FLASHING WITH DRIP EDGE
07 42 13-F	EXTRUDED TRIM BY MFR
07 42 13-G	THROUGH WALL FLASHING WITH PERFORMED METAL DRIP EDGE
07 54 19-A	POLYVINYL-CHLORIDE (PVC) MEMBRANE ROOFING SYSTEM
07 54 19-B	1/2" COVER BOARD
07 54 19-C	TAPERED POLYISO INSULATION BOARD
07 54 19-D	2 LAYERS OF 2" POLYISO INSULATION BOARD (TOTAL R-VALUE = 22.8)
07 54 19-E	MEMBRANE ROOFING-EXTEND OVER & ATTACH TO FRONT FACE OF PARAPET
07 54 19-F	1 1/2" POLYISO INSULATION BOARD
07 54 19-G	TERMINATION BAR, SET IN WATER CUT OFF MASTIC.
07 62 00-C	FASCIA CLADDING
07 62 00-J	DRIP EDGE
07 62 00-M	PRE-FINISHED METAL GUTTER
07 62 00-N	PREFINISHED METAL DOWNSPOUT
07 71 00-A	MANUFACTURED COPING
07 71 00-B	MANUFACTURED GRAVEL STOP
07 71 00-C	MANUFACTURED FASCIA CLADDING
07 71 00-D	MANUFACTURED COUNTERFLASHING SYSTEM
07 71 00-E	MANUFACTURED GUTTER
07 71 00-F	MANUFACTURED DOWNSPOUT
07 71 00-H	MANUFACTURED DRIP EDGE
07 71 29-A	MANUFACTURED ROOF EXPANSION JOINT ASSEMBLY
07 71 29-B	MANUFACTURED ROOF TO WALL EXPANSION JOINT ASSEMBLY
07 84 13-A	PENETRATION FIRESTOPPING
07 92 00-A	SEALANT
07 92 00-B	SEALANT EACH SIDE, TYPICAL
07 95 13.13-A	INTERIOR EXPANSION JOINT COVER ASSEMBLY
07 95 13.16-A	EXTERIOR EXPANSION JOINT COVER ASSEMBLY
08 11 13-A	HOLLOW METAL DOOR/BORROWED LIGHT FRAME
08 11 13-B	HOLLOW METAL DOOR
08 14 16-A	FLUSH WOOD DOOR
08 33 13-A	OVERHEAD COILING COUNTER DOOR
08 33 13-B	OVERHEAD COILING COUNTER GRILLE
08 33 13-C	INSULATED COILING COUNTER DOOR
08 33 13-E	GUIDE
08 33 23-A	OVERHEAD COILING DOOR
08 33 23-J	BREAK METAL TO MATCH DOOR GUIDE FINISH
08 33 23-K	OVERHEAD COILING DOOR WITH INTEGRATED PASS DOOR
08 41 13-A	4 1/2" ALUMINUM-FRAMED STOREFRONT
08 41 13-B	WIDE STYLE ALUMINUM ENTRANCE DOOR
08 41 13-C	ALUMINUM BRAKE METAL TO MATCH STOREFRONT FRAME
08 44 13-A	7 1/2" DEEP ALUMINUM CURTAINWALL SYSTEM
08 44 13-C	CURTAINWALL ATTACHMENT MEMBER, ALLOW FOR THERMAL MOVEMENT
08 44 13-D	ALUMINUM BREAKMETAL TO MATCH CURTAINWALL FRAME
08 44 13-F	10" DEEP ALUMINUM CURTAINWALL SYSTEM
08 80 00-A	GLAZING - SEE SCHEDULE/ELEVATIONS
08 80 00-B	SPANDREL PANEL - SEE SCHEDULE/ELEVATIONS
08 91 19-A	FIXED LOUVER
09 22 16-D	7/8" FURRING CHANNEL
09 22 16-G	2 1/2" STEEL STUD
09 22 16-H	3 5/8" STEEL STUD
09 22 16-K	6" STEEL STUD
09 29 00-B	5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE)
09 29 00-D	SOUND ATTENUATION INSULATION
09 29 00-E	SUSPENDED GYPSUM BOARD CEILING ASSEMBLY
09 51 13-A	ACOUSTICAL CEILING SUSPENSION ASSEMBLY
09 51 13-C	SUSPENDED CEILING METAL EDGE TRIM
09 82 00-A	SOUND DIFFUSIVE WOOD UNITS
10 14 23-A	PANEL SIGNAGE
10 82 00-A	ROOF AND WALL SCREENS
12 24 13	
12 24 13-A	ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE
14 24 00-D	PIT LADDER
31 20 00-C	DRAINING GRANULAR FILL
32 13 16-A	SIDEWALK- SEE LANDSCAPE SHEETS
32 31 13-A	CHAIN-LINK FENCE- SEE LANDSCAPE SHEETS
32 31 19-A	ORNAMENTAL FENCE- SEE LANDSCAPE SHEETS

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

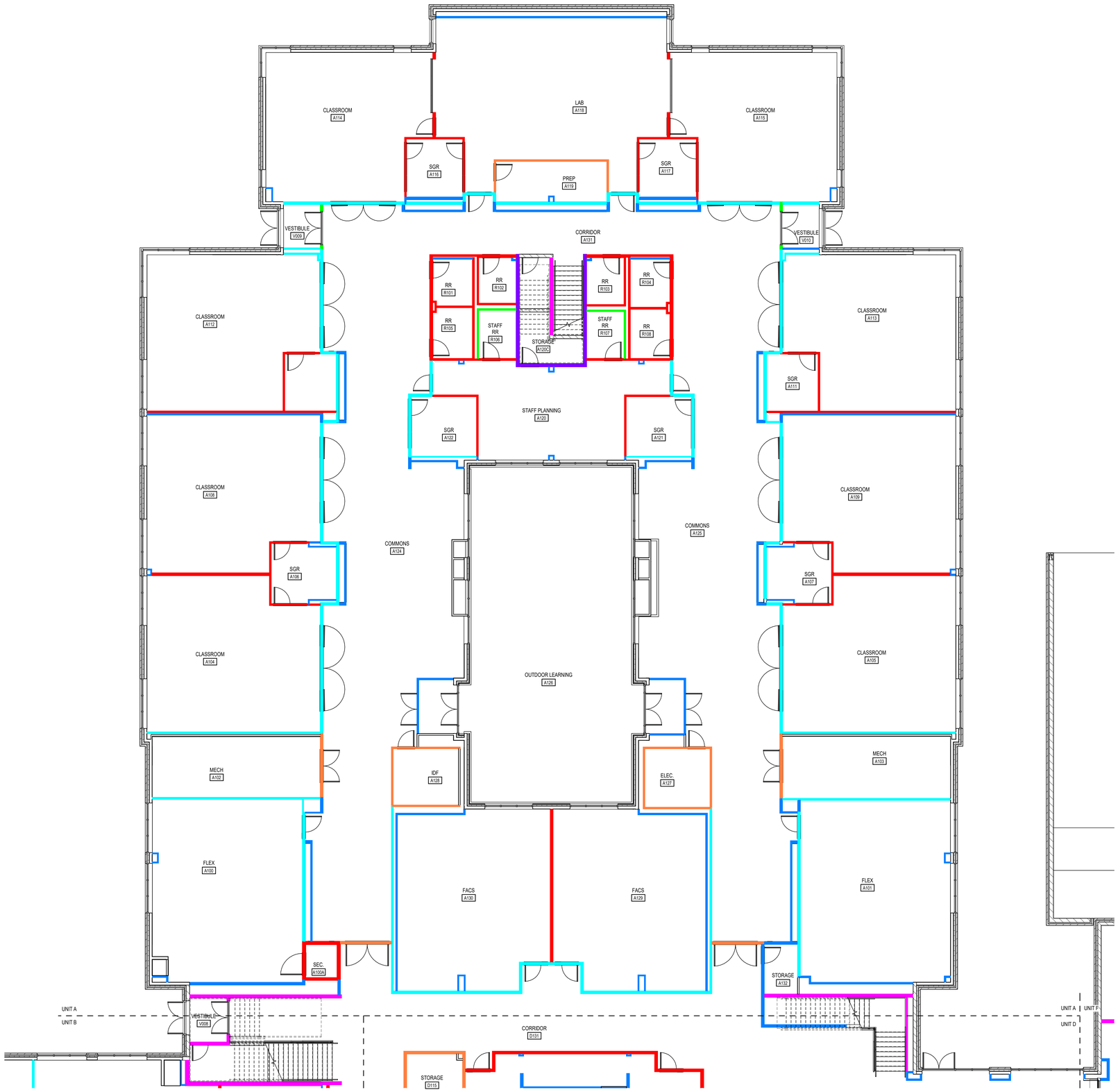
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
REFLECTED CEILING PLAN DETAILS

CERTIFIED BY:
BRENTON C. HAY
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A220

PROJECT NUMBER
2023061



1 A231A GROUND FLOOR - COLOR CODED - UNIT A

SCALE: 1/8" = 1'-0"

NORTH

GENERAL NOTES

A. COORDINATE THE WORK OF EACH TRADE WITH THE WORK OF OTHER TRADES.

B. ALL WORK IS TO BE COMPLETED IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, RULES, REGULATIONS AND STANDARDS INCLUDING, BUT NOT LIMITED TO THOSE LISTED ON THE COVER SHEET. ALL APPLICABLE RULES & REGULATIONS ARE TO BE THE MOST CURRENT ADOPTED EDITIONS.

C. FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO THE COMMENCEMENT OF WORK. DISCREPANCIES BETWEEN THE DOCUMENTS AND THE ACTUAL CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE COMMENCEMENT OF WORK.

D. ALL DIMENSIONS ARE FROM CENTERLINE OF STRUCTURE, FINISH FACE OF WALL, FACE OF MASONRY, OR FACE OF EXISTING.

E. ANY DIMENSIONS NOT SHOWN OR DEEMED QUESTIONABLE ARE TO BE VERIFIED BY ARCHITECT. DO NOT SCALE DRAWINGS.

F. REFER TO WALL TYPE SCHEDULE, SHEET A200, TO DETERMINE WHICH WALLS EXTEND TO DECK, SEE STRUCTURAL FOR TOP SUPPORT DETAIL. WHERE METAL STUDS EXTEND TO DECK, PROVIDE SLIP CONNECTIONS FOR ROOF/ FLOOR DEFLECTION.

G. ALL STEEL STUDS ARE TO BE BRACED ACCORDING TO MANUFACTURER LIMIT HEIGHT (L/240).

H. WHERE INSULATED OR SOUND WALLS EXTEND TO DECK, FILL DECK FLUTES WITH INSULATION/ SOUND ATTENUATION.

I. REFER TO PLUMBING PLANS FOR LOCATION OF FLOOR DRAINS.

J. WHERE ACCESS PANELS ARE SHOWN IN TOILET ROOM CHASES, FINAL LOCATION SHALL BE COORDINATED WITH OTHER TRADES PRIOR TO INSTALLATION.

K. ALL CONCRETE MASONRY UNITS (CMU) SHALL BE LAID RUNNING BOND U.N.O. CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.

L. ALL INTERIOR MASONRY WALLS THAT RUN TO UNDERSIDE OF DECK ABOVE SHALL HAVE A 2" JOINT (U.N.O.) AT THE DECK TO BE FILLED WITH FIRE STOPPING AT RATED WALLS PER PROJECT MANUAL, AND MINERAL WOOL AT THE NON-RATED WALLS TO ALLOW FOR DEFLECTION.

M. THERE SHALL BE PERIMETER INSULATION CONTINUOUS AROUND THE ENTIRE PERIMETER OF THE BUILDING EXTENDING 2'-0" MINIMUM (R-15 MIN.) HORIZONTAL.

N. PROVIDE MISCELLANEOUS SUPPORT FOR ALL CEILING SUSPENDED ITEMS.

O. DOOR AND FRAME NUMBERS CORRESPOND TO ROOM NUMBERS. WHERE MORE THAN ONE DOOR OCCURS IN A ROOM, A SUFFIX HAS BEEN ADDED (E.G. A100-1). SEE A500 SERIES DRAWINGS FOR DOOR SCHEDULE AND DETAILS.

P. ALL DOOR FRAMES SHALL BE LOCATED 4" OFF FINISH WALLS OR 4" OFF MASONRY WALLS UNLESS NOTED OTHERWISE.

Q. ALL GLASS AT INTERIOR DOOR FRAMES, DOOR LITES AND BORROW LITE FRAMES AS SHOWN ON THE DOOR SCHEDULE AND OR FRAME ELEVATIONS, SEE GLAZING SCHEDULE A500 SERIES DWGS.

R. AT BUILDING EXPANSION JOINTS, ALL PARTITIONS, CEILINGS, FLOORS AND ALL WALL, FLOOR OR CEILING MOUNTED ITEMS SHALL BE ANCHORED TO THE BUILDING STRUCTURE ON ONLY ONE SIDE OF THE EXPANSIONS JOINTS. CONTRACTOR SHALL COORDINATE CONSTRUCTION OR INSTALLATION OF ALL ITEMS NOTED TO ASSURE THAT NO SUCH ITEMS BRIDGE ACCROSS THE EXPANSION JOINT.

S. ALL SLAB-ON-GRADE CONTROL JOINTS TO BE CLEANED AND CAULKED PRIOR TO PLACEMENT OF FLOOR FINISH.

T. SEE REFLECTED CEILING PLANS FOR BULKHEAD LOCATIONS AND DETAILS.

U. REFER TO MECHANICAL DRAWINGS FOR WALL LOUVER LOCATIONS, SIZES AND QUANTITIES.

V. SEE A900 SERIES DRAWINGS FOR FINISH SCHEDULE AND PLANS.

W. SEE A900 SERIES DRAWINGS FOR EQUIPMENT SCHEDULE AND PLANS. PROVIDE BLOCKING IN STUD WALLS AND/OR GROUTED MASONRY CORES AS REQUIRED TO SUPPORT EQUIPMENT.

X. PROVIDE FIRE RESISTANT TREATED WOOD BLOCKING SUPPORTS AS REQUIRED FOR ALL SURFACE MOUNTED ITEMS.

Y. WHERE DISIMILAR FLOOR MATERIALS MEET, THEY SHALL DO SO UNDER THE CENTERLINE OF THE DOOR UNLESS NOTED OTHERWISE.

Z. APPLY SEALANT AT ALL JUNCTURES BETWEEN DIFFERENT MATERIALS (E.G. MASONRY TO GYPSUM WALL BOARD) UTILIZING THE APPROPRIATE TYPE PER SPECIFICATIONS. COLOR TO BE SELECTED BY ARCHITECT.

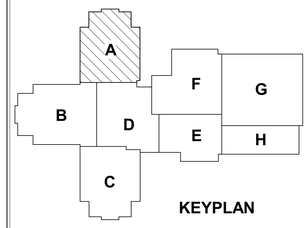
AA. APPLY SEALANT AT ALL COUNTERTOPS AND BLACKSPLASHES AT JUNCTURE WITH WALL.

BB. ALL DOORS MUST BE INSTALLED WITH AT LEAST THE MINIMUM MANEUVERING CLEARANCE AT THE DOOR APPROACH PER THE MOST CURRENT AMERICANS WITH DISABILITIES ACT.

CC. BASE FLOOR ELEVATION INDICATED FOR THIS PROJECT IS 924'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

COLOR CODE FLOOR PLAN KEY

- 1 - Studs, gyp, and S.A. extend to deck and seal
- 2 - Studs, gyp, and S.A. stop 8" above ceiling and braced
- 3 - Studs, 1 layer of gyp, and S.A. extend to deck and seal
- 4 - Studs and gyp stop 8" above ceiling with no S.A.
- 5 - Studs and gyp extend to deck for 1 hr fire rating
- 6 - Studs, and 1 layer of gyp extend to deck
- 7 - CMU extend to deck
- 8 - CMU stop 8" above ceiling and brace as required



KEYPLAN

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. The Contract Documents are complementary and describe all work required for full performance and completion of the requirements of the Contract.
It is not intended that the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

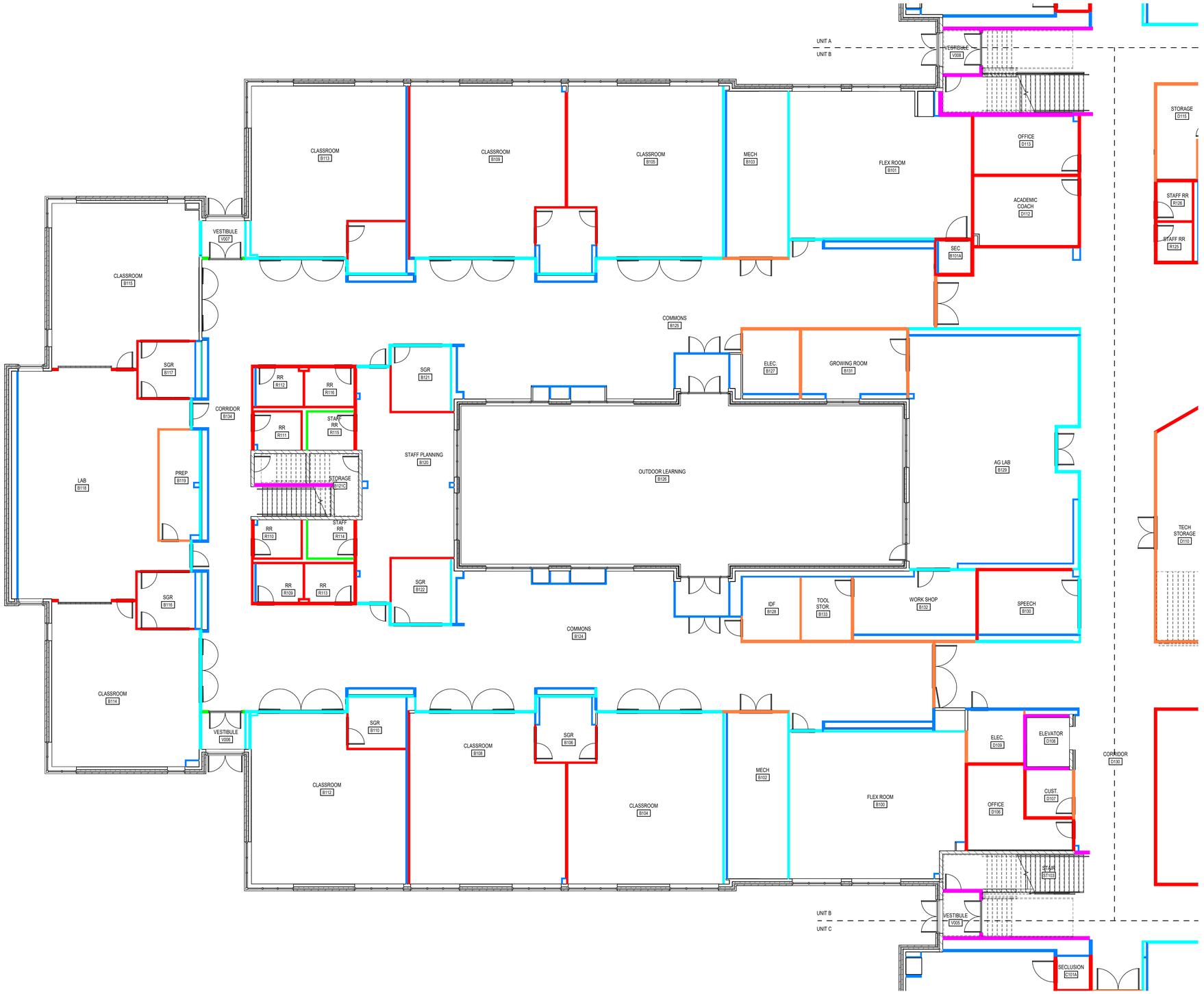
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
PARTIAL GROUND FLOOR PLAN - COLOR CODED - UNIT A

CERTIFIED BY:
BRENDON C. HIRT
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A231A

PROJECT NUMBER
2023061



1 A231B GROUND FLOOR - COLOR CODED - UNIT B

SCALE: 1/8" = 1'-0"

NORTH

GENERAL NOTES

A. COORDINATE THE WORK OF EACH TRADE WITH THE WORK OF OTHER TRADES.
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E. ANY DIMENSIONS NOT SHOWN OR DEEMED QUESTIONABLE ARE TO BE VERIFIED BY ARCHITECT. DO NOT SCALE DRAWINGS.
F. REFER TO WALL TYPE SCHEDULE, SHEET A200, TO DETERMINE WHICH WALLS EXTEND TO DECK, SEE STRUCTURAL FOR TOP SUPPORT DETAIL. WHERE METAL STUDS EXTEND TO DECK, PROVIDE SLIP CONNECTIONS FOR ROOF/ FLOOR DEFLECTION.
G. ALL STEEL STUDS ARE TO BE BRACED ACCORDING TO MANUFACTURER LIMIT HEIGHT (L/240).
H. WHERE INSULATED OR SOUND WALLS EXTEND TO DECK, FILL DECK FLUTES WITH INSULATION/ SOUND ATTENUATION.
I. REFER TO PLUMBING PLANS FOR LOCATION OF FLOOR DRAINS.
J. WHERE ACCESS PANELS ARE SHOWN IN TOILET ROOM CHASES, FINAL LOCATION SHALL BE COORDINATED WITH OTHER TRADES PRIOR TO INSTALLATION.
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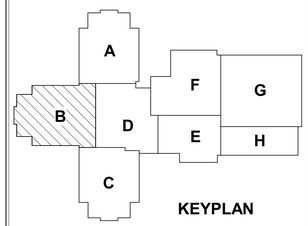

KEYPLAN

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REVISIONS:

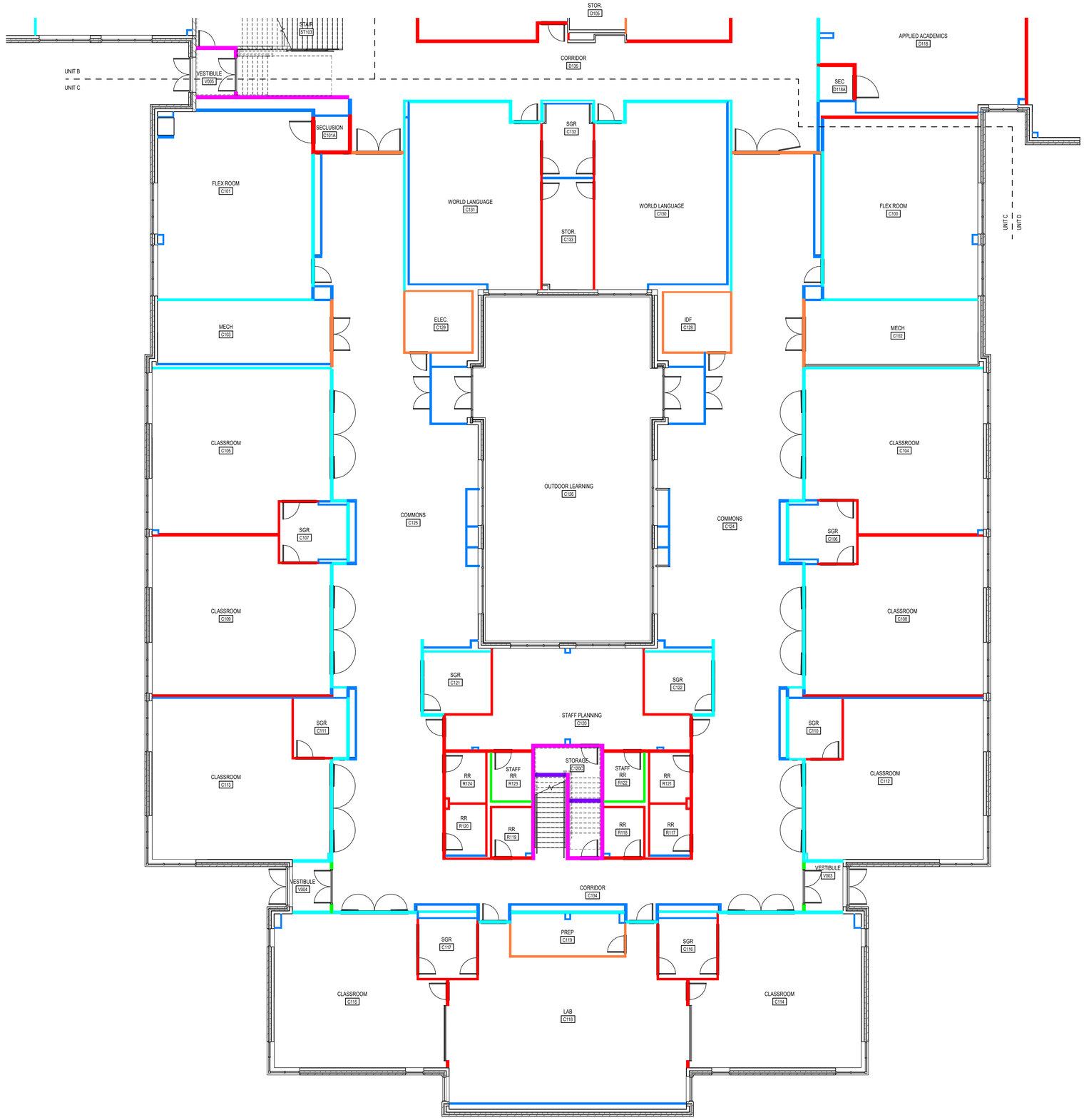
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
PARTIAL GROUND FLOOR PLAN - COLOR CODED - UNIT B

CERTIFIED BY:
BRENTON C. HIGGS
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A231B

PROJECT NUMBER
2023061



1 A231C GROUND FLOOR - COLOR CODED - UNIT C

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NORTH

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I. REFER TO PLUMBING PLANS FOR LOCATION OF FLOOR DRAINS.
J. WHERE ACCESS PANELS ARE SHOWN IN TOILET ROOM CHASES, FINAL LOCATION SHALL BE COORDINATED WITH OTHER TRADES PRIOR TO INSTALLATION.
K. ALL CONCRETE MASONRY UNITS (CMU) SHALL BE LAID RUNNING BOND U.N.O. CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.
L. ALL INTERIOR MASONRY WALLS THAT RUN TO UNDERSIDE OF DECK ABOVE SHALL HAVE A 2" JOINT (U.N.O.) AT THE DECK TO BE FILLED WITH FIRE STOPPING AT RATED WALLS PER PROJECT MANUAL, AND MINERAL WOOL AT THE NON-RATED WALLS TO ALLOW FOR DEFLECTION.
M. THERE SHALL BE PERIMETER INSULATION CONTINUOUS AROUND THE ENTIRE PERIMETER OF THE BUILDING EXTENDING 2'-0" MINIMUM (R-15 MIN.) HORIZONTAL.
N. PROVIDE MISCELLANEOUS SUPPORT FOR ALL CEILING SUSPENDED ITEMS.
O. DOOR AND FRAME NUMBERS CORRESPOND TO ROOM NUMBERS. WHERE MORE THAN ONE DOOR OCCURS IN A ROOM, A SUFFIX HAS BEEN ADDED (E.G. A100-1). SEE A500 SERIES DRAWINGS FOR DOOR SCHEDULE AND DETAILS.
P. ALL DOOR FRAMES SHALL BE LOCATED 4" OFF FINISH WALLS OR 4" OFF MASONRY WALLS UNLESS NOTED OTHERWISE.
Q. ALL GLASS AT INTERIOR DOOR FRAMES, DOOR LITES AND BORROW LITE FRAMES AS SHOWN ON THE DOOR SCHEDULE AND OR FRAME ELEVATIONS, SEE GLAZING SCHEDULE A500 SERIES DWGS.
R. AT BUILDING EXPANSION JOINTS, ALL PARTITIONS, CEILINGS, FLOORS AND ALL WALL, FLOOR OR CEILING MOUNTED ITEMS SHALL BE ANCHORED TO THE BUILDING STRUCTURE ON ONLY ONE SIDE OF THE EXPANSIONS JOINTS. CONTRACTOR SHALL COORDINATE CONSTRUCTION OR INSTALLATION OF ALL ITEMS NOTED TO ASSURE THAT NO SUCH ITEMS BRIDGE ACCROSS THE EXPANSION JOINT.
S. ALL SLAB-ON-GRADE CONTROL JOINTS TO BE CLEANED AND CAULKED PRIOR TO PLACEMENT OF FLOOR FINISH.
T. SEE REFLECTED CEILING PLANS FOR BULKHEAD LOCATIONS AND DETAILS.
U. REFER TO MECHANICAL DRAWINGS FOR WALL LOUVER LOCATIONS, SIZES AND QUANTITIES.
V. SEE A900 SERIES DRAWINGS FOR FINISH SCHEDULE AND PLANS.
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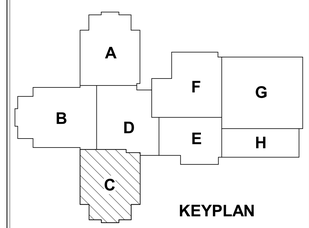
X. PROVIDE FIRE RESISTANT TREATED WOOD BLOCKING SUPPORTS AS REQUIRED FOR ALL SURFACE MOUNTED ITEMS.
Y. WHERE DISIMILAR FLOOR MATERIALS MEET, THEY SHALL DO SO UNDER THE CENTERLINE OF THE DOOR UNLESS NOTED OTHERWISE.
Z. APPLY SEALANT AT ALL JUNCTURES BETWEEN DIFFERENT MATERIALS (E.G. MASONRY TO GYPSUM WALL BOARD) UTILIZING THE APPROPRIATE TYPE PER SPECIFICATIONS. COLOR TO BE SELECTED BY ARCHITECT.
AA. APPLY SEALANT AT ALL COUNTERTOPS AND BLACKSPLASHES AT JUNCTURE WITH WALL.
BB. ALL DOORS MUST BE INSTALLED WITH AT LEAST THE MINIMUM MANEUVERING CLEARANCE AT THE DOOR APPROACH PER THE MOST CURRENT AMERICANS WITH DISABILITIES ACT.
CC. BASE FLOOR ELEVATION INDICATED FOR THIS PROJECT IS 924'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

COLOR CODE FLOOR PLAN KEY

1 - Studs, gyp, and S.A. extend to deck and seal
2 - Studs, gyp, and S.A. stop 8" above ceiling and braced
3 - Studs, 1 layer of gyp, and S.A. extend to deck and seal
4 - Studs and gyp stop 8" above ceiling with no S.A.
5 - Studs and gyp extend to deck for 1 hr fire rating
6 - Studs, and 1 layer of gyp extend to deck
7 - CMU extend to deck
8 - CMU stop 8" above ceiling and brace as required



KEYPLAN

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

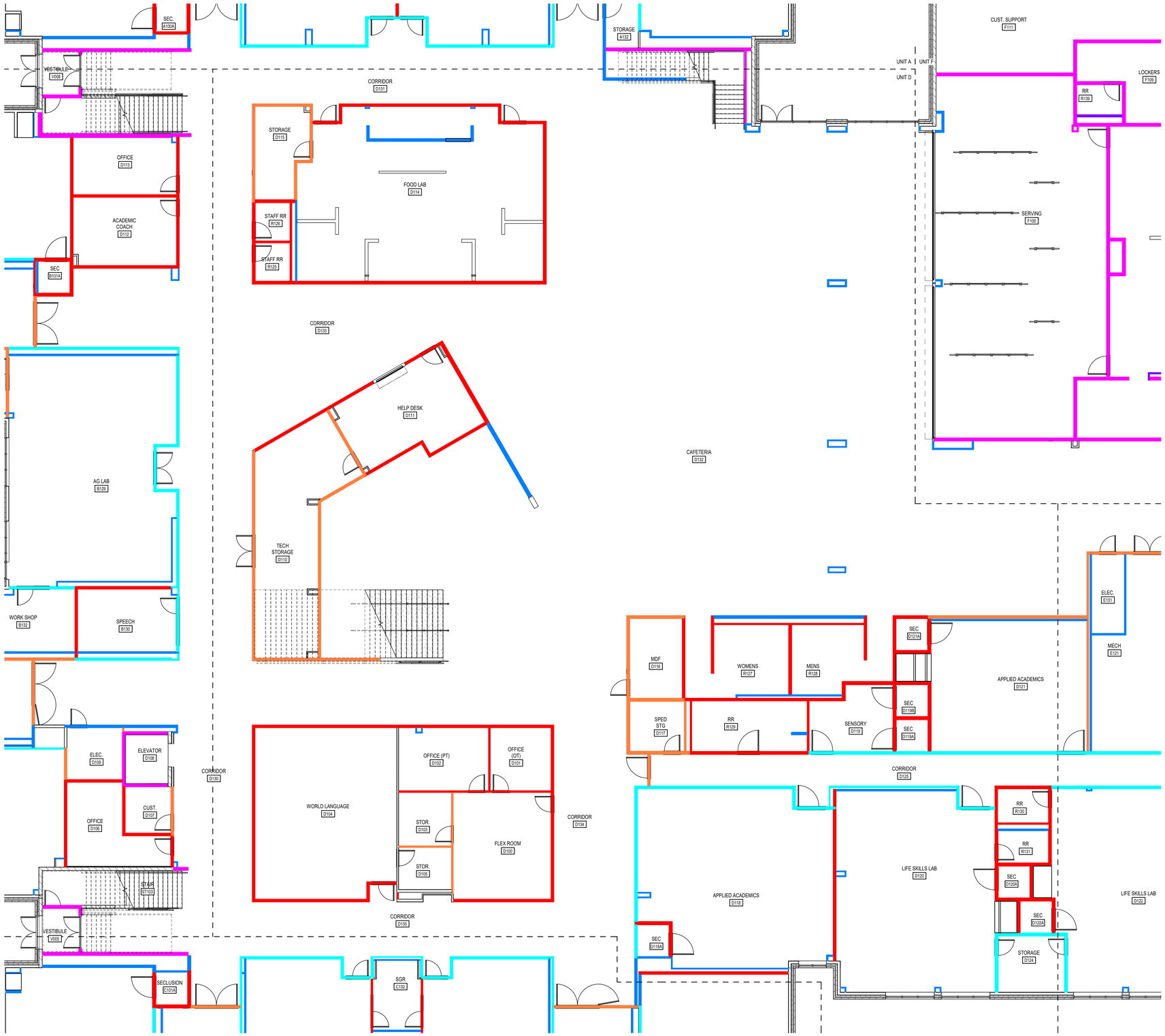
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
PARTIAL GROUND FLOOR PLAN - COLOR CODED - UNIT C

CERTIFIED BY:
BRENTON C. HAZE
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A231C

PROJECT NUMBER
2023061



1 A231D GROUND FLOOR - COLOR CODED - UNIT D

SCALE: 1/8" = 1'-0"

NORTH

GENERAL NOTES

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B. ALL WORK IS TO BE COMPLETED IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, RULES, REGULATIONS AND STANDARDS INCLUDING, BUT NOT LIMITED TO THOSE LISTED ON THE COVER SHEET. ALL APPLICABLE RULES & REGULATIONS ARE TO BE THE MOST CURRENT ADOPTED EDITIONS.
C. FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO THE COMMENCEMENT OF WORK. DISCREPANCIES BETWEEN THE DOCUMENTS AND THE ACTUAL CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE COMMENCEMENT OF WORK.
D. ALL DIMENSIONS ARE FROM CENTERLINE OF STRUCTURE, FINISH FACE OF WALL, FACE OF MASONRY, OR FACE OF EXISTING.
E. ANY DIMENSIONS NOT SHOWN OR DEEMED QUESTIONABLE ARE TO BE VERIFIED BY ARCHITECT. DO NOT SCALE DRAWINGS.
F. REFER TO WALL TYPE SCHEDULE, SHEET A200, TO DETERMINE WHICH WALLS EXTEND TO DECK. SEE STRUCTURAL FOR TOP SUPPORT DETAIL. WHERE METAL STUDS EXTEND TO DECK, PROVIDE SLIP CONNECTIONS FOR ROOF/ FLOOR DEFLECTION.
G. ALL STEEL STUDS ARE TO BE BRACED ACCORDING TO MANUFACTURER LIMIT HEIGHT (L/240).
H. WHERE INSULATED OR SOUND WALLS EXTEND TO DECK, FILL DECK FLUTES WITH INSULATION/ SOUND ATTENUATION.
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COLOR CODE FLOOR PLAN KEY

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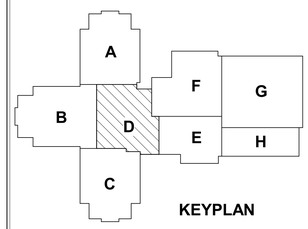

KEYPLAN

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the performance criteria of the type of structural, mechanical and electrical systems.
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REVISIONS:

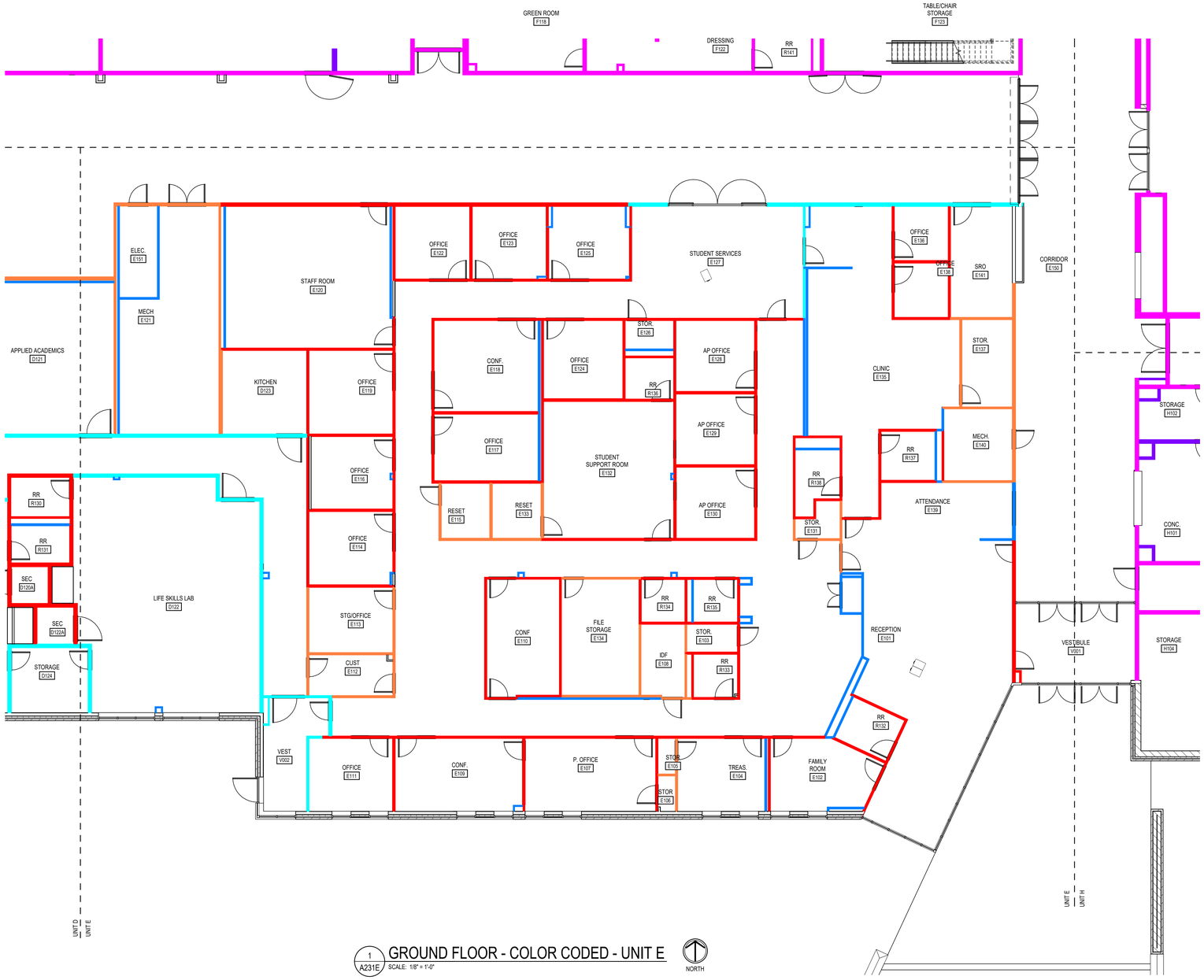
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
PARTIAL GROUND FLOOR PLAN - COLOR CODED - UNIT D

CERTIFIED BY:
BRENTON CLYDE HOLT
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A231D

PROJECT NUMBER
2023061



1 A231E GROUND FLOOR - COLOR CODED - UNIT E

SCALE: 1/8" = 1'-0"

NORTH

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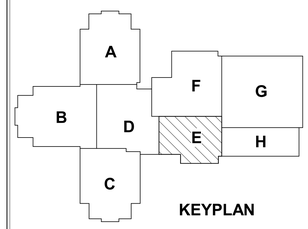

KEYPLAN

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

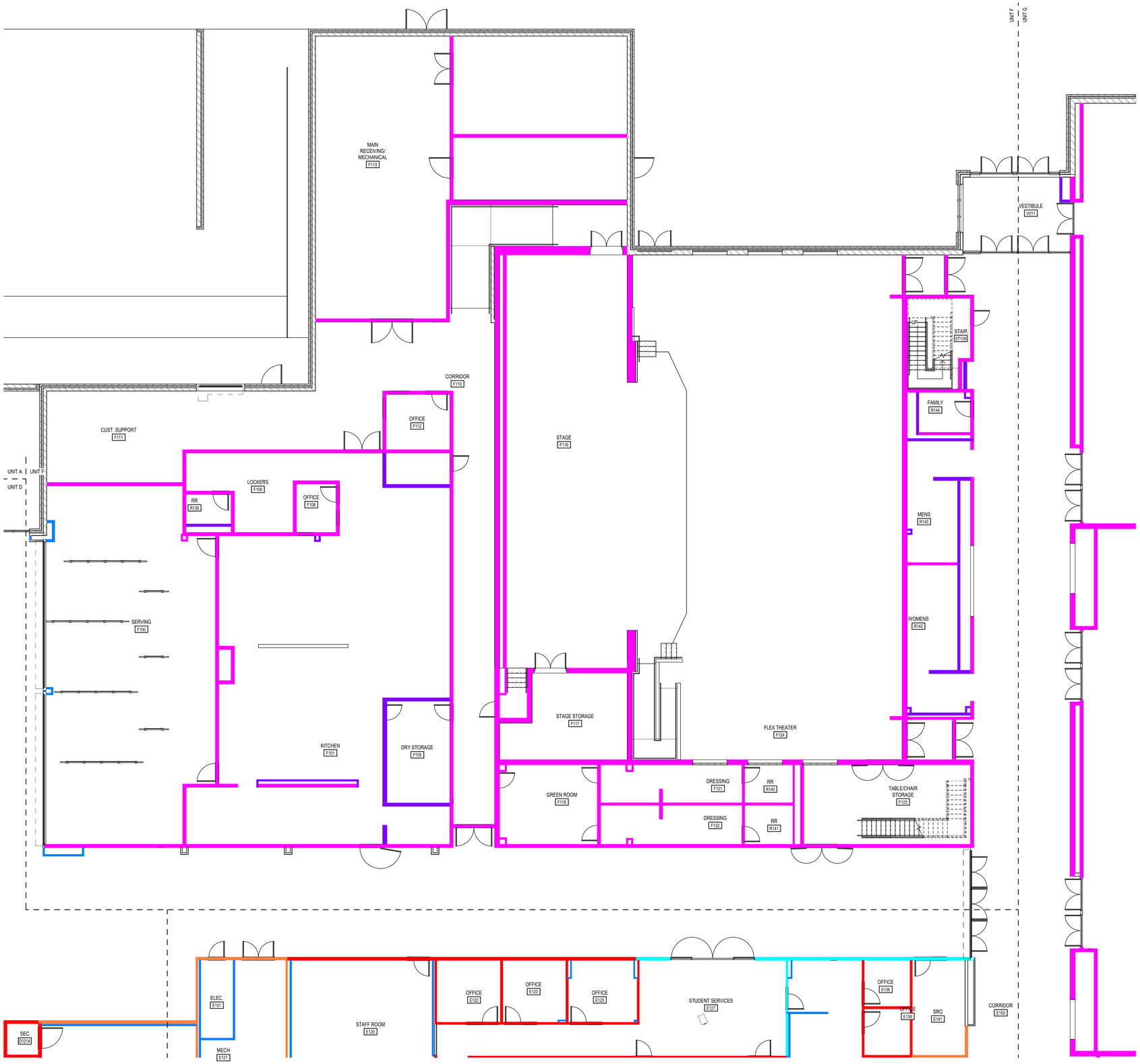
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
PARTIAL GROUND FLOOR PLAN - COLOR CODED - UNIT E

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A231E

PROJECT NUMBER
2023061



1 A231F GROUND FLOOR - COLOR CODED - UNIT F
SCALE: 1/8" = 1'-0"

NORTH

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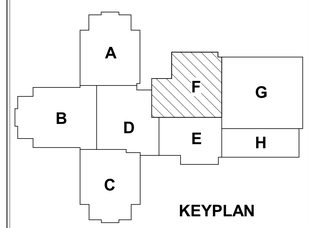

KEYPLAN

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the general requirements of the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for the performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

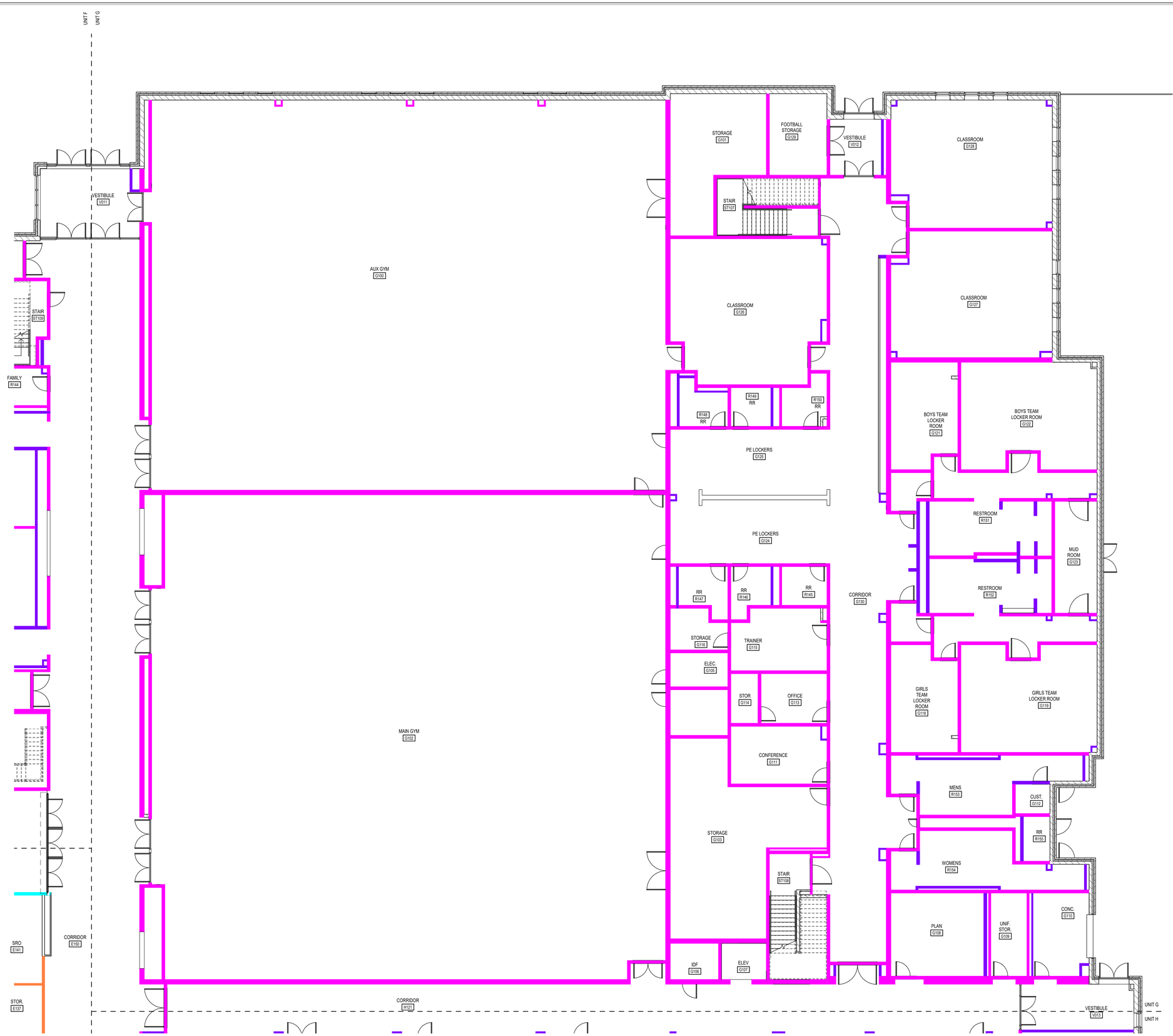
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
PARTIAL GROUND FLOOR PLAN - COLOR CODED - UNIT F

CERTIFIED BY:
BRENTON C. HAAS
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A231F

PROJECT NUMBER
2023061



1 A231G GROUND FLOOR - COLOR CODED - UNIT G
SCALE: 1/8" = 1'-0"

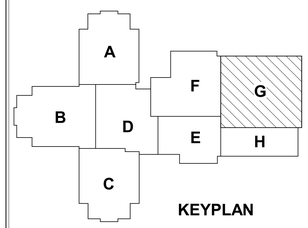
NORTH

GENERAL NOTES

A. COORDINATE THE WORK OF EACH TRADE WITH THE WORK OF OTHER TRADES.
B. ALL WORK IS TO BE COMPLETED IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, RULES, REGULATIONS AND STANDARDS INCLUDING, BUT NOT LIMITED TO THOSE LISTED ON THE COVER SHEET. ALL APPLICABLE RULES & REGULATIONS ARE TO BE THE MOST CURRENT ADOPTED EDITIONS.
C. FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO THE COMMENCEMENT OF WORK. DISCREPANCIES BETWEEN THE DOCUMENTS AND THE ACTUAL CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE COMMENCEMENT OF WORK.
D. ALL DIMENSIONS ARE FROM CENTERLINE OF STRUCTURE, FINISH FACE OF WALL, FACE OF MASONRY, OR FACE OF EXISTING.
E. ANY DIMENSIONS NOT SHOWN OR DEEMED QUESTIONABLE ARE TO BE VERIFIED BY ARCHITECT. DO NOT SCALE DRAWINGS.
F. REFER TO WALL TYPE SCHEDULE, SHEET A200, TO DETERMINE WHICH WALLS EXTEND TO DECK. SEE STRUCTURAL FOR TOP SUPPORT DETAIL. WHERE METAL STUDS EXTEND TO DECK, PROVIDE SLIP CONNECTIONS FOR ROOF/ FLOOR DEFLECTION.
G. ALL STEEL STUDS ARE TO BE BRACED ACCORDING TO MANUFACTURER LIMIT HEIGHT (L/240).
H. WHERE INSULATED OR SOUND WALLS EXTEND TO DECK, FILL DECK FLUTES WITH INSULATION/ SOUND ATTENUATION.
I. REFER TO PLUMBING PLANS FOR LOCATION OF FLOOR DRAINS.
J. WHERE ACCESS PANELS ARE SHOWN IN TOILET ROOM CHASES, FINAL LOCATION SHALL BE COORDINATED WITH OTHER TRADES PRIOR TO INSTALLATION.
K. ALL CONCRETE MASONRY UNITS (CMU) SHALL BE LAID RUNNING BOND U.N.O. CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.
L. ALL INTERIOR MASONRY WALLS THAT RUN TO UNDERSIDE OF DECK ABOVE SHALL HAVE A 2" JOINT (U.N.O.) AT THE DECK TO BE FILLED WITH FIRE STOPPING AT RATED WALLS PER PROJECT MANUAL, AND MINERAL WOOL AT THE NON-RATED WALLS TO ALLOW FOR DEFLECTION.
M. THERE SHALL BE PERIMETER INSULATION CONTINUOUS AROUND THE ENTIRE PERIMETER OF THE BUILDING EXTENDING 2'-0" MINIMUM (R-15 MIN.) HORIZONTAL.
N. PROVIDE MISCELLANEOUS SUPPORT FOR ALL CEILING SUSPENDED ITEMS.
O. DOOR AND FRAME NUMBERS CORRESPOND TO ROOM NUMBERS. WHERE MORE THAN ONE DOOR OCCURS IN A ROOM, A SUFFIX HAS BEEN ADDED (E.G. A100-1). SEE A500 SERIES DRAWINGS FOR DOOR SCHEDULE AND DETAILS.
P. ALL DOOR FRAMES SHALL BE LOCATED 4" OFF FINISH WALLS OR 4" OFF MASONRY WALLS UNLESS NOTED OTHERWISE.
Q. ALL GLASS AT INTERIOR DOOR FRAMES, DOOR LITES AND BORROW LITE FRAMES AS SHOWN ON THE DOOR SCHEDULE AND OR FRAME ELEVATIONS, SEE GLAZING SCHEDULE A500 SERIES DWGS.
R. AT BUILDING EXPANSION JOINTS, ALL PARTITIONS, CEILINGS, FLOORS AND ALL WALL, FLOOR OR CEILING MOUNTED ITEMS SHALL BE ANCHORED TO THE BUILDING STRUCTURE ON ONLY ONE SIDE OF THE EXPANSIONS JOINTS. CONTRACTOR SHALL COORDINATE CONSTRUCTION OR INSTALLATION OF ALL ITEMS NOTED TO ASSURE THAT NO SUCH ITEMS BRIDGE ACCROSS THE EXPANSION JOINT.
S. ALL SLAB-ON-GRADE CONTROL JOINTS TO BE CLEANED AND CAULKED PRIOR TO PLACEMENT OF FLOOR FINISH.
T. SEE REFLECTED CEILING PLANS FOR BULKHEAD LOCATIONS AND DETAILS.
U. REFER TO MECHANICAL DRAWINGS FOR WALL LOUVER LOCATIONS, SIZES AND QUANTITIES.
V. SEE A800 SERIES DRAWINGS FOR FINISH SCHEDULE AND PLANS.
W. SEE A900 SERIES DRAWINGS FOR EQUIPMENT SCHEDULE AND PLANS. PROVIDE BLOCKING IN STUD WALLS AND/OR GROUTED MASONRY CORES AS REQUIRED TO SUPPORT EQUIPMENT.
X. PROVIDE FIRE RESISTANT TREATED WOOD BLOCKING SUPPORTS AS REQUIRED FOR ALL SURFACE MOUNTED ITEMS.
Y. WHERE DISIMILAR FLOOR MATERIALS MEET, THEY SHALL DO SO UNDER THE CENTERLINE OF THE DOOR UNLESS NOTED OTHERWISE.
Z. APPLY SEALANT AT ALL JUNCTURES BETWEEN DIFFERENT MATERIALS (E.G. MASONRY TO GYPSUM WALL BOARD) UTILIZING THE APPROPRIATE TYPE PER SPECIFICATIONS. COLOR TO BE SELECTED BY ARCHITECT.
AA. APPLY SEALANT AT ALL COUNTERTOPS AND BLACKSPLASHES AT JUNCTURE WITH WALL.
BB. ALL DOORS MUST BE INSTALLED WITH AT LEAST THE MINIMUM MANEUVERING CLEARANCE AT THE DOOR APPROACH PER THE MOST CURRENT AMERICANS WITH DISABILITIES ACT.
CC. BASE FLOOR ELEVATION INDICATED FOR THIS PROJECT IS 924'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

COLOR CODE FLOOR PLAN KEY

- 1 - Studs, gyp, and S.A. extend to deck and seal
- 2 - Studs, gyp, and S.A. stop 8" above ceiling and braced
- 3 - Studs, 1 layer of gyp, and S.A. extend to deck and seal
- 4 - Studs and gyp stop 8" above ceiling with no S.A.
- 5 - Studs and gyp extend to deck for 1 hr fire rating
- 6 - Studs, and 1 layer of gyp extend to deck
- 7 - CMU extend to deck
- 8 - CMU stop 8" above ceiling and brace as required



KEYPLAN

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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

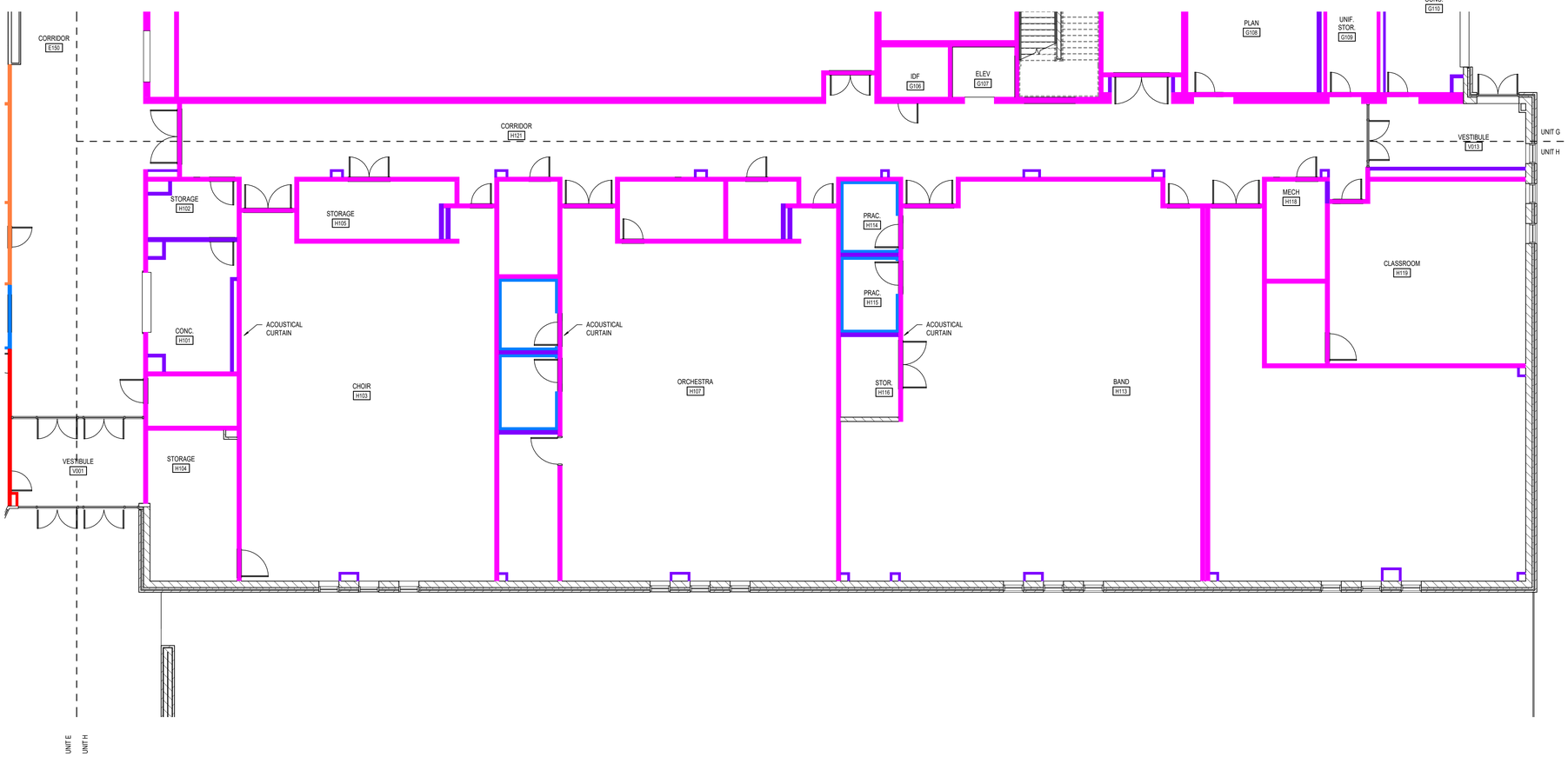
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
PARTIAL GROUND FLOOR PLAN - COLOR CODED - UNIT G

CERTIFIED BY:
BRENTON C. HUFF
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A231G

PROJECT NUMBER
2023061



1 / A231H GROUND FLOOR - COLOR CODED - UNIT H

SCALE: 1/8" = 1'-0"

NORTH

GENERAL NOTES

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G. ALL STEEL STUDS ARE TO BE BRACED ACCORDING TO MANUFACTURER LIMIT HEIGHT (L/240).
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P. ALL DOOR FRAMES SHALL BE LOCATED 4" OFF FINISH WALLS OR 4" OFF MASONRY WALLS UNLESS NOTED OTHERWISE.
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CC. BASE FLOOR ELEVATION INDICATED FOR THIS PROJECT IS 924'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

COLOR CODE FLOOR PLAN KEY

1 - Studs, gyp, and S.A. extend to deck and seal
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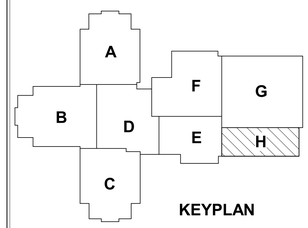

KEYPLAN

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

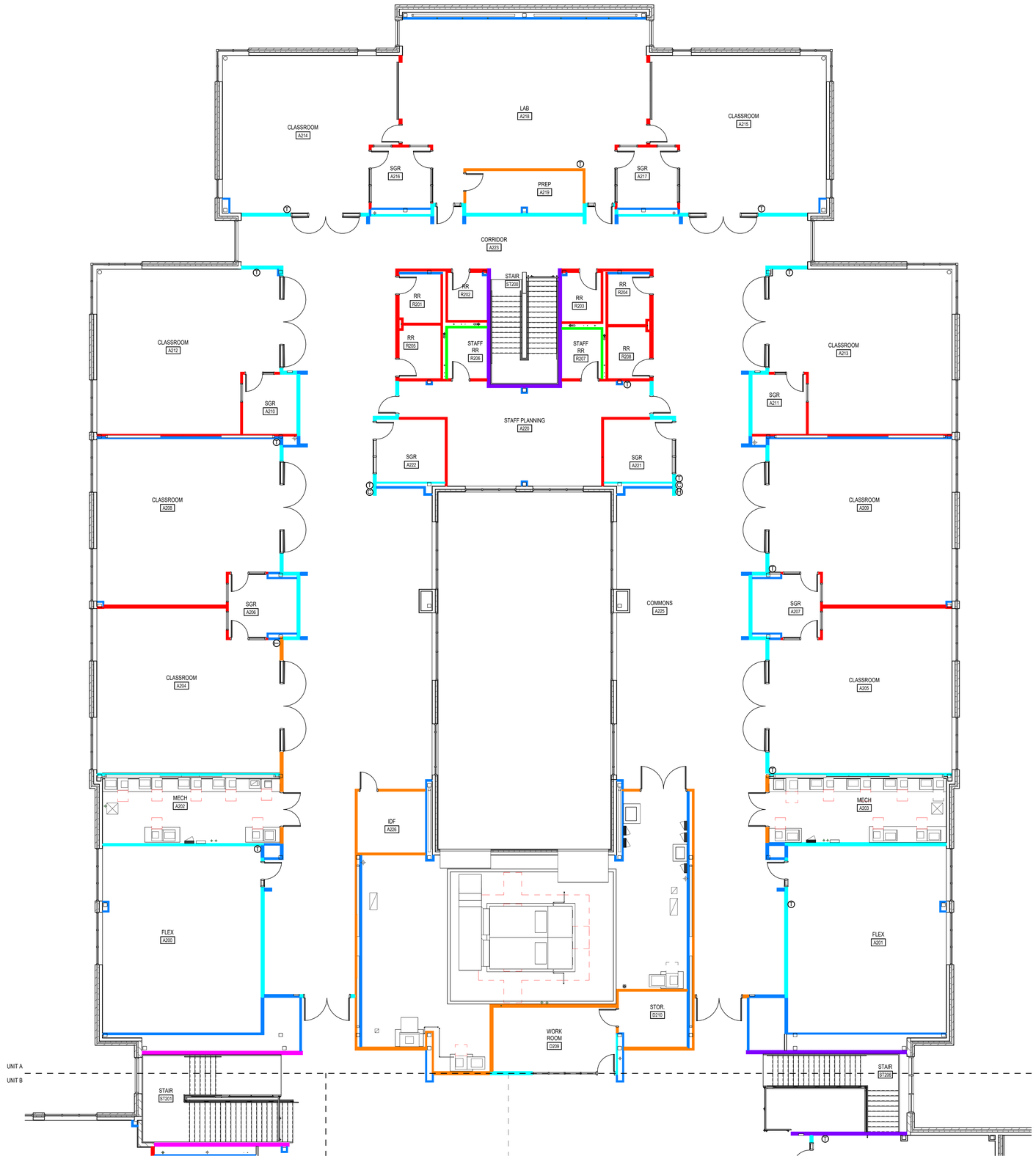
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
PARTIAL GROUND FLOOR PLAN - COLOR CODED - UNIT H

CERTIFIED BY:
BRENTON C. HINE
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A231H

PROJECT NUMBER
2023061



1 A232A SECOND FLOOR - COLOR CODED - UNIT A
SCALE: 1/8" = 1'-0"

NORTH

GENERAL NOTES

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G. ALL STEEL STUDS ARE TO BE BRACED ACCORDING TO MANUFACTURER LIMIT HEIGHT (L/240).
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COLOR CODE FLOOR PLAN KEY

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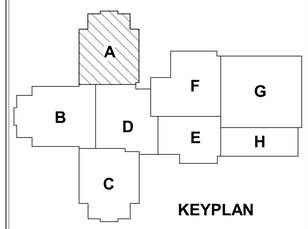

KEYPLAN

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PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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The contract documents are complete and clear to describe all work required for full performance and completion of the requirements of the Contract.
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REVISIONS:

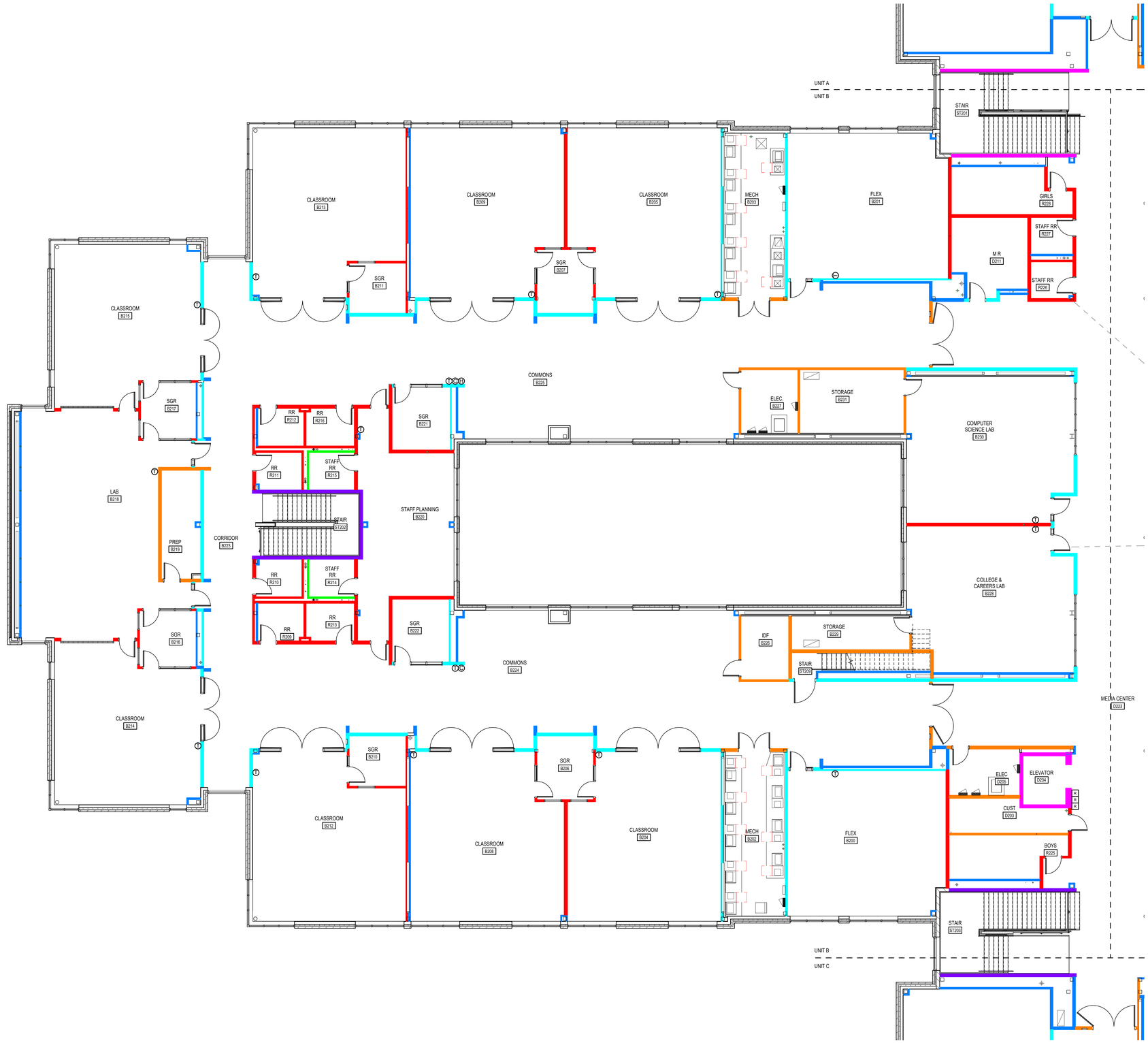
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
PARTIAL SECOND FLOOR PLAN - COLOR CODED - UNIT A

CERTIFIED BY:
BRENTON C. HITE REGISTERED No. AR11700184 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
A232A

PROJECT NUMBER
2023061



1 / A232B SECOND FLOOR - COLOR CODED - UNIT B

SCALE: 1/8" = 1'-0"

NORTH

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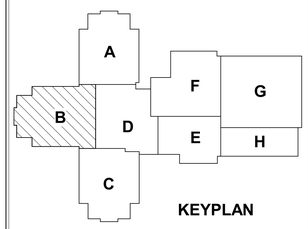
J. WHERE ACCESS PANELS ARE SHOWN IN TOILET ROOM CHASES, FINAL LOCATION SHALL BE COORDINATED WITH OTHER TRADES PRIOR TO INSTALLATION.
K. ALL CONCRETE MASONRY UNITS (CMU) SHALL BE LAID RUNNING BOND U.N.O. CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.
L. ALL INTERIOR MASONRY WALLS THAT RUN TO UNDERSIDE OF DECK ABOVE SHALL HAVE A 2" JOINT (U.N.O.) AT THE DECK TO BE FILLED WITH FIRE STOPPING AT RATED WALLS PER PROJECT MANUAL, AND MINERAL WOOL AT THE NON-RATED WALLS TO ALLOW FOR DEFLECTION.
M. THERE SHALL BE PERIMETER INSULATION CONTINUOUS AROUND THE ENTIRE PERIMETER OF THE BUILDING EXTENDING 2'-0" MINIMUM (R-15 MIN.) HORIZONTAL.
N. PROVIDE MISCELLANEOUS SUPPORT FOR ALL CEILING SUSPENDED ITEMS.
O. DOOR AND FRAME NUMBERS CORRESPOND TO ROOM NUMBERS. WHERE MORE THAN ONE DOOR OCCURS IN A ROOM, A SUFFIX HAS BEEN ADDED (E.G. A100-1). SEE A500 SERIES DRAWINGS FOR DOOR SCHEDULE AND DETAILS.
P. ALL DOOR FRAMES SHALL BE LOCATED 4" OFF FINISH WALLS OR 4" OFF MASONRY WALLS UNLESS NOTED OTHERWISE.
Q. ALL GLASS AT INTERIOR DOOR FRAMES, DOOR LITES AND BORROW LITE FRAMES AS SHOWN ON THE DOOR SCHEDULE AND OR FRAME ELEVATIONS, SEE GLAZING SCHEDULE A500 SERIES DWGS.
R. AT BUILDING EXPANSION JOINTS, ALL PARTITIONS, CEILINGS, FLOORS AND ALL WALL, FLOOR OR CEILING MOUNTED ITEMS SHALL BE ANCHORED TO THE BUILDING STRUCTURE ON ONLY ONE SIDE OF THE EXPANSIONS JOINTS. CONTRACTOR SHALL COORDINATE CONSTRUCTION OR INSTALLATION OF ALL ITEMS NOTED TO ASSURE THAT NO SUCH ITEMS BRIDGE ACCROSS THE EXPANSION JOINT.
S. ALL SLAB-ON-GRADE CONTROL JOINTS TO BE CLEANED AND CAULKED PRIOR TO PLACEMENT OF FLOOR FINISH.
T. SEE REFLECTED CEILING PLANS FOR BULKHEAD LOCATIONS AND DETAILS.
U. REFER TO MECHANICAL DRAWINGS FOR WALL LOUVER LOCATIONS, SIZES AND QUANTITIES.
V. SEE A900 SERIES DRAWINGS FOR FINISH SCHEDULE AND PLANS.
W. SEE A900 SERIES DRAWINGS FOR EQUIPMENT SCHEDULE AND PLANS. PROVIDE BLOCKING IN STUD WALLS AND/OR GROUTED MASONRY CORES AS REQUIRED TO SUPPORT EQUIPMENT.
X. PROVIDE FIRE RESISTANT TREATED WOOD BLOCKING SUPPORTS AS REQUIRED FOR ALL SURFACE MOUNTED ITEMS.
Y. WHERE DISIMILAR FLOOR MATERIALS MEET, THEY SHALL DO SO UNDER THE CENTERLINE OF THE DOOR UNLESS NOTED OTHERWISE.
Z. APPLY SEALANT AT ALL JUNCTURES BETWEEN DIFFERENT MATERIALS (E.G. MASONRY TO GYPSUM WALL BOARD) UTILIZING THE APPROPRIATE TYPE PER SPECIFICATIONS. COLOR TO BE SELECTED BY ARCHITECT.
AA. APPLY SEALANT AT ALL COUNTERTOPS AND BLACKSPLASHES AT JUNCTURE WITH WALL.
BB. ALL DOORS MUST BE INSTALLED WITH AT LEAST THE MINIMUM MANEUVERING CLEARANCE AT THE DOOR APPROACH PER THE MOST CURRENT AMERICANS WITH DISABILITIES ACT.
CC. BASE FLOOR ELEVATION INDICATED FOR THIS PROJECT IS 924'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

COLOR CODE FLOOR PLAN KEY

1 - Studs, gyp, and S.A. extend to deck and seal
2 - Studs, gyp, and S.A. stop 8" above ceiling and braced
3 - Studs, 1 layer of gyp, and S.A. extend to deck and seal
4 - Studs and gyp stop 8" above ceiling with no S.A.
5 - Studs and gyp extend to deck for 1 hr fire rating
6 - Studs, and 1 layer of gyp extend to deck
7 - CMU extend to deck
8 - CMU stop 8" above ceiling and brace as required



KEYPLAN

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of construction and materials required for the project.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, furnish and perform all work that may be required for the proper execution and completion of the work.

REVISIONS:

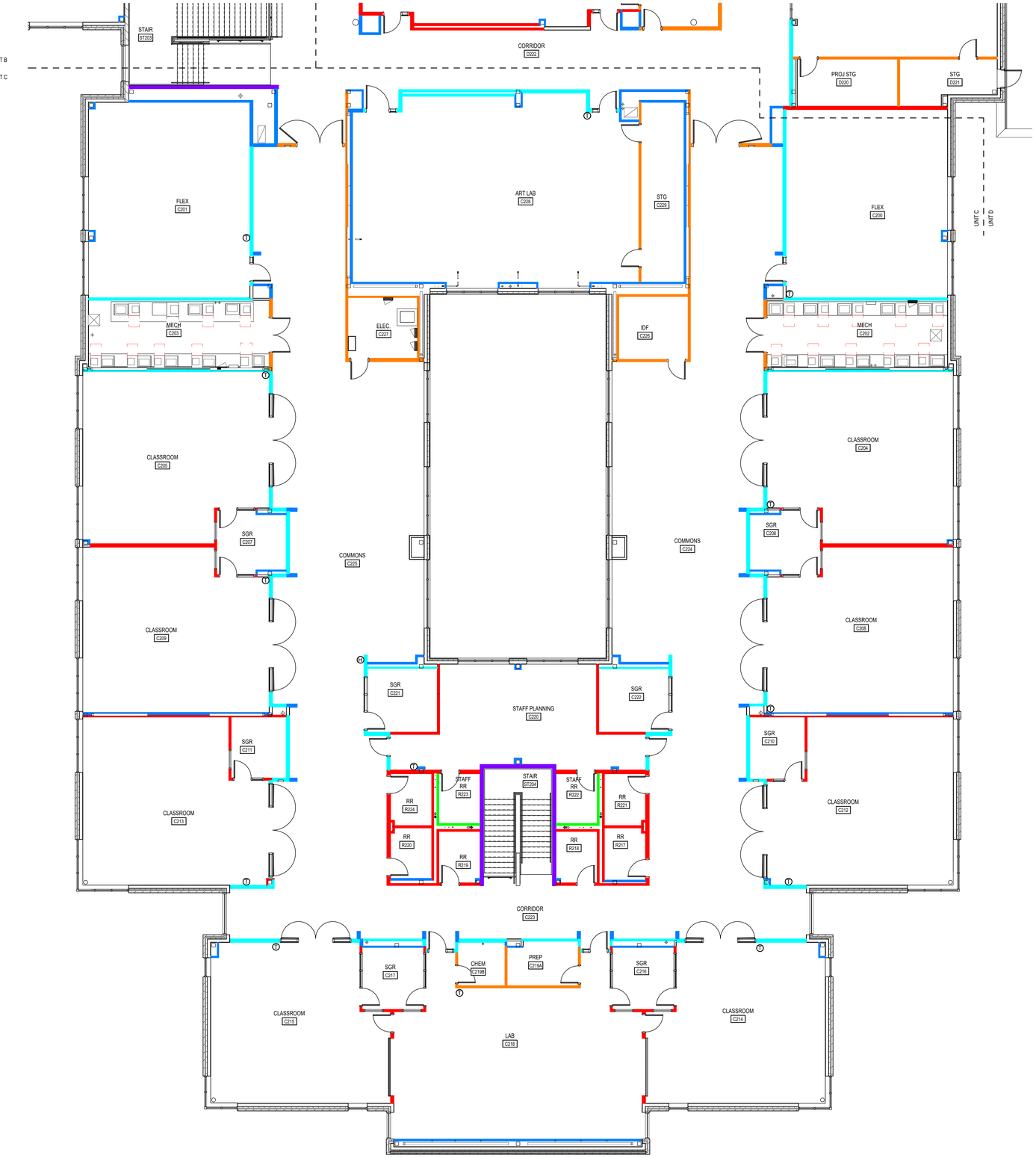
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
PARTIAL SECOND FLOOR PLAN - COLOR CODED - UNIT B

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A232B

PROJECT NUMBER
2023061



1 A232C SECOND FLOOR - COLOR CODED - UNIT C

SCALE: 1/8" = 1'-0"

NORTH

GENERAL NOTES

A. COORDINATE THE WORK OF EACH TRADE WITH THE WORK OF OTHER TRADES.
B. ALL WORK IS TO BE COMPLETED IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, RULES, REGULATIONS AND STANDARDS INCLUDING, BUT NOT LIMITED TO THOSE LISTED ON THE COVER SHEET. ALL APPLICABLE RULES & REGULATIONS ARE TO BE THE MOST CURRENT ADOPTED EDITIONS.
C. FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO THE COMMENCEMENT OF WORK. DISCREPANCIES BETWEEN THE DOCUMENTS AND THE ACTUAL CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE COMMENCEMENT OF WORK.
D. ALL DIMENSIONS ARE FROM CENTERLINE OF STRUCTURE, FINISH FACE OF WALL, FACE OF MASONRY, OR FACE OF EXISTING.
E. ANY DIMENSIONS NOT SHOWN OR DEEMED QUESTIONABLE ARE TO BE VERIFIED BY ARCHITECT. DO NOT SCALE DRAWINGS.
F. REFER TO WALL TYPE SCHEDULE, SHEET A200, TO DETERMINE WHICH WALLS EXTEND TO DECK. SEE STRUCTURAL FOR TOP SUPPORT DETAIL. WHERE METAL STUDS EXTEND TO DECK, PROVIDE SLIP CONNECTIONS FOR ROOF/ FLOOR DEFLECTION.
G. ALL STEEL STUDS ARE TO BE BRACED ACCORDING TO MANUFACTURER LIMIT HEIGHT (L/240).
H. WHERE INSULATED OR SOUND WALLS EXTEND TO DECK, FILL DECK FLUTES WITH INSULATION/ SOUND ATTENUATION.
I. REFER TO PLUMBING PLANS FOR LOCATION OF FLOOR DRAINS.
J. WHERE ACCESS PANELS ARE SHOWN IN TOILET ROOM CHASES, FINAL LOCATION SHALL BE COORDINATED WITH OTHER TRADES PRIOR TO INSTALLATION.
K. ALL CONCRETE MASONRY UNITS (CMU) SHALL BE LAID RUNNING BOND U.N.O. CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.
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T. SEE REFLECTED CEILING PLANS FOR BULKHEAD LOCATIONS AND DETAILS.
U. REFER TO MECHANICAL DRAWINGS FOR WALL LOUVER LOCATIONS, SIZES AND QUANTITIES.
V. SEE A600 SERIES DRAWINGS FOR FINISH SCHEDULE AND PLANS.
W. SEE A900 SERIES DRAWINGS FOR EQUIPMENT SCHEDULE AND PLANS. PROVIDE BLOCKING IN STUD WALLS AND/OR GROUTED MASONRY CORES AS REQUIRED TO SUPPORT EQUIPMENT.
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CC. BASE FLOOR ELEVATION INDICATED FOR THIS PROJECT IS 924'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

COLOR CODE FLOOR PLAN KEY

- 1 - Studs, gyp, and S.A. extend to deck and seal
- 2 - Studs, gyp, and S.A. stop 8" above ceiling and braced
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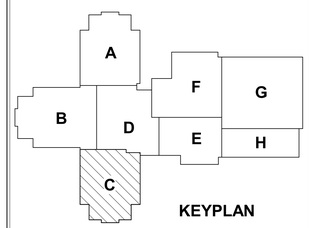
- 5 - Studs and gyp extend to deck for 1 hr fire rating
- 6 - Studs, and 1 layer of gyp extend to deck
- 7 - CMU extend to deck
- 8 - CMU stop 8" above ceiling and brace as required



KEYPLAN

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the general requirements of the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for the performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
PARTIAL SECOND FLOOR PLAN - COLOR CODED - UNIT C

CERTIFIED BY:
BRENTON C. HALE
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A232C

PROJECT NUMBER
2023061



1 A232D SECOND FLOOR - COLOR CODED - UNIT D

SCALE: 1/8" = 1'-0"

NORTH

GENERAL NOTES

A. COORDINATE THE WORK OF EACH TRADE WITH THE WORK OF OTHER TRADES.
B. ALL WORK IS TO BE COMPLETED IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, RULES, REGULATIONS AND STANDARDS INCLUDING, BUT NOT LIMITED TO THOSE LISTED ON THE COVER SHEET. ALL APPLICABLE RULES & REGULATIONS ARE TO BE THE MOST CURRENT ADOPTED EDITIONS.
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G. ALL STEEL STUDS ARE TO BE BRACED ACCORDING TO MANUFACTURER LIMIT HEIGHT (L/240).
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O. DOOR AND FRAME NUMBERS CORRESPOND TO ROOM NUMBERS. WHERE MORE THAN ONE DOOR OCCURS IN A ROOM, A SUFFIX HAS BEEN ADDED (E.G. A100-1). SEE A500 SERIES DRAWINGS FOR DOOR SCHEDULE AND DETAILS.
P. ALL DOOR FRAMES SHALL BE LOCATED 4" OFF FINISH WALLS OR 4" OFF MASONRY WALLS UNLESS NOTED OTHERWISE.
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R. AT BUILDING EXPANSION JOINTS, ALL PARTITIONS, CEILINGS, FLOORS AND ALL WALL, FLOOR OR CEILING MOUNTED ITEMS SHALL BE ANCHORED TO THE BUILDING STRUCTURE ON ONLY ONE SIDE OF THE EXPANSIONS JOINTS. CONTRACTOR SHALL COORDINATE CONSTRUCTION OR INSTALLATION OF ALL ITEMS NOTED TO ASSURE THAT NO SUCH ITEMS BRIDGE ACCROSS THE EXPANSION JOINT.
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T. SEE REFLECTED CEILING PLANS FOR BULKHEAD LOCATIONS AND DETAILS.
U. REFER TO MECHANICAL DRAWINGS FOR WALL LOUVER LOCATIONS, SIZES AND QUANTITIES.
V. SEE A900 SERIES DRAWINGS FOR FINISH SCHEDULE AND PLANS.
W. SEE A900 SERIES DRAWINGS FOR EQUIPMENT SCHEDULE AND PLANS. PROVIDE BLOCKING IN STUD WALLS AND/OR GROUTED MASONRY CORES AS REQUIRED TO SUPPORT EQUIPMENT.
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Z. APPLY SEALANT AT ALL JUNCTURES BETWEEN DIFFERENT MATERIALS (E.G. MASONRY TO GYPSUM WALL BOARD) UTILIZING THE APPROPRIATE TYPE PER SPECIFICATIONS. COLOR TO BE SELECTED BY ARCHITECT.
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BB. ALL DOORS MUST BE INSTALLED WITH AT LEAST THE MINIMUM MANEUVERING CLEARANCE AT THE DOOR APPROACH PER THE MOST CURRENT AMERICANS WITH DISABILITIES ACT.
CC. BASE FLOOR ELEVATION INDICATED FOR THIS PROJECT IS 924'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

COLOR CODE FLOOR PLAN KEY

- 1 - Studs, gyp, and S.A. extend to deck and seal
- 2 - Studs, gyp, and S.A. stop 8" above ceiling and braced
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- 6 - Studs, and 1 layer of gyp extend to deck
- 7 - CMU extend to deck
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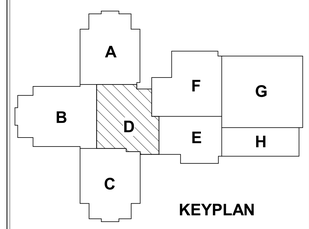

KEYPLAN

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
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On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

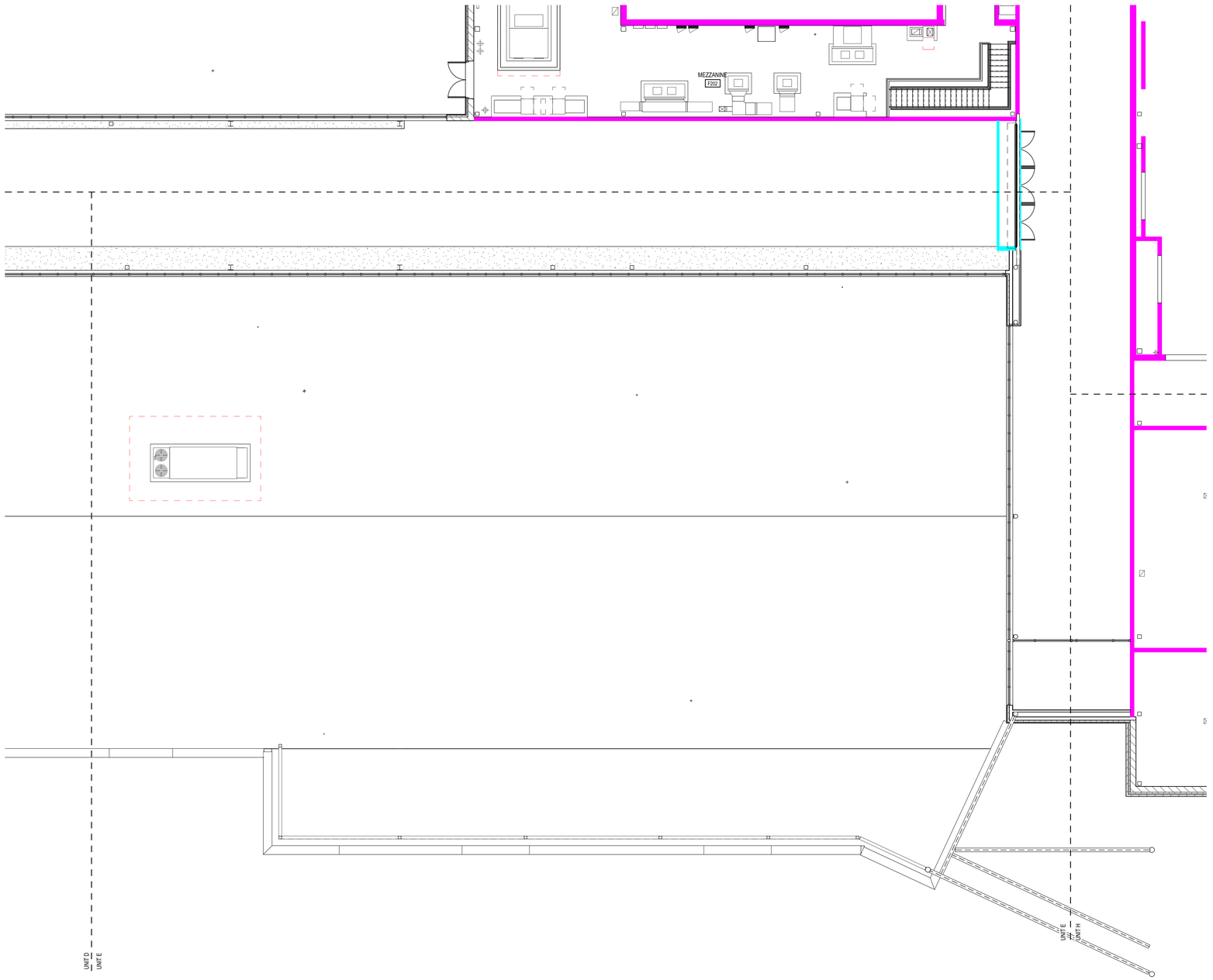
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
PARTIAL SECOND FLOOR PLAN - COLOR CODED - UNIT D

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A232D

PROJECT NUMBER
2023061



1 A232E SECOND FLOOR - COLOR CODED - UNIT E

SCALE: 1/8" = 1'-0"

NORTH

GENERAL NOTES

A. COORDINATE THE WORK OF EACH TRADE WITH THE WORK OF OTHER TRADES.
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F. REFER TO WALL TYPE SCHEDULE, SHEET A200, TO DETERMINE WHICH WALLS EXTEND TO DECK, SEE STRUCTURAL FOR TOP SUPPORT DETAIL. WHERE METAL STUDS EXTEND TO DECK, PROVIDE SLIP CONNECTIONS FOR ROOF/ FLOOR DEFLECTION.
G. ALL STEEL STUDS ARE TO BE BRACED ACCORDING TO MANUFACTURER'S LIMIT HEIGHT (L/240).
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- 7 - CMU extend to deck
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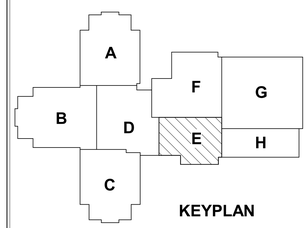

KEYPLAN

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the general requirements of and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for the satisfactory performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

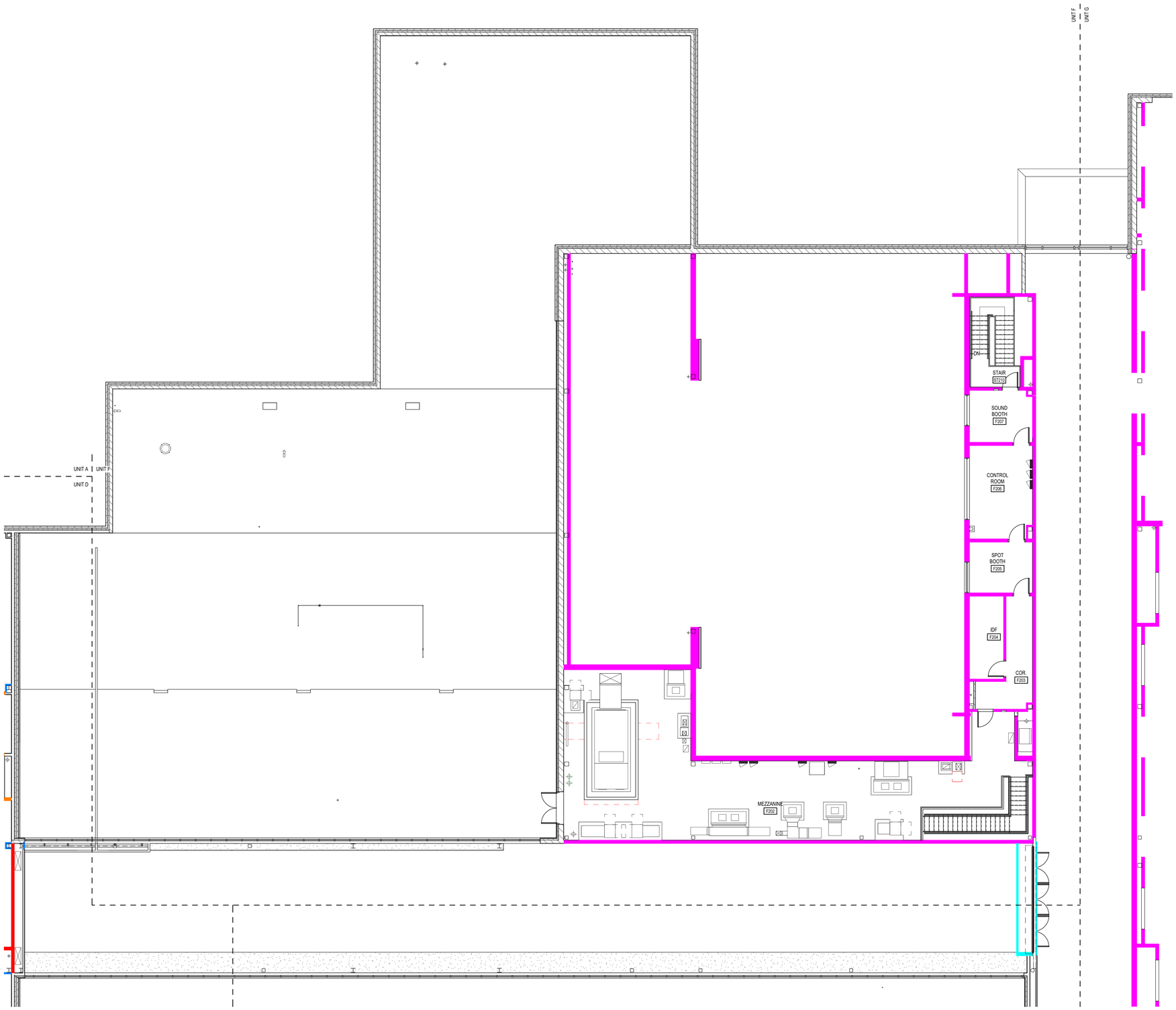
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
PARTIAL SECOND FLOOR PLAN - COLOR CODED - UNIT E

CERTIFIED BY:
BRENTON C. HAZE
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A232E

PROJECT NUMBER
2023061



1 A232F SECOND FLOOR - COLOR CODED - UNIT F
SCALE: 1/8" = 1'-0"

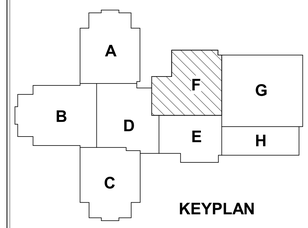
NORTH

GENERAL NOTES

A. COORDINATE THE WORK OF EACH TRADE WITH THE WORK OF OTHER TRADES.
B. ALL WORK IS TO BE COMPLETED IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, RULES, REGULATIONS AND STANDARDS INCLUDING, BUT NOT LIMITED TO THOSE LISTED ON THE COVER SHEET. ALL APPLICABLE RULES & REGULATIONS ARE TO BE THE MOST CURRENT ADOPTED EDITIONS.
C. FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO THE COMMENCEMENT OF WORK. DISCREPANCIES BETWEEN THE DOCUMENTS AND THE ACTUAL CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE COMMENCEMENT OF WORK.
D. ALL DIMENSIONS ARE FROM CENTERLINE OF STRUCTURE, FINISH FACE OF WALL, FACE OF MASONRY, OR FACE OF EXISTING.
E. ANY DIMENSIONS NOT SHOWN OR DEEMED QUESTIONABLE ARE TO BE VERIFIED BY ARCHITECT. DO NOT SCALE DRAWINGS.
F. REFER TO WALL TYPE SCHEDULE, SHEET A200, TO DETERMINE WHICH WALLS EXTEND TO DECK, SEE STRUCTURAL FOR TOP SUPPORT DETAIL. WHERE METAL STUDS EXTEND TO DECK, PROVIDE SLIP CONNECTIONS FOR ROOF/ FLOOR DEFLECTION.
G. ALL STEEL STUDS ARE TO BE BRACED ACCORDING TO MANUFACTURER LIMIT HEIGHT (L/240).
H. WHERE INSULATED OR SOUND WALLS EXTEND TO DECK, FILL DECK FLUTES WITH INSULATION/ SOUND ATTENUATION.
I. REFER TO PLUMBING PLANS FOR LOCATION OF FLOOR DRAINS.
J. WHERE ACCESS PANELS ARE SHOWN IN TOILET ROOM CHASES, FINAL LOCATION SHALL BE COORDINATED WITH OTHER TRADES PRIOR TO INSTALLATION.
K. ALL CONCRETE MASONRY UNITS (CMU) SHALL BE LAID RUNNING BOND U.N.O. CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.
L. ALL INTERIOR MASONRY WALLS THAT RUN TO UNDERSIDE OF DECK ABOVE SHALL HAVE A 2" JOINT (U.N.O.) AT THE DECK TO BE FILLED WITH FIRE STOPPING AT RATED WALLS PER PROJECT MANUAL, AND MINERAL WOOL AT THE NON-RATED WALLS TO ALLOW FOR DEFLECTION.
M. THERE SHALL BE PERIMETER INSULATION CONTINUOUS AROUND THE ENTIRE PERIMETER OF THE BUILDING EXTENDING 2'-0" MINIMUM (R-15 MIN.) HORIZONTAL.
N. PROVIDE MISCELLANEOUS SUPPORT FOR ALL CEILING SUSPENDED ITEMS.
O. DOOR AND FRAME NUMBERS CORRESPOND TO ROOM NUMBERS. WHERE MORE THAN ONE DOOR OCCURS IN A ROOM, A SUFFIX HAS BEEN ADDED (E.G. A100-1). SEE A500 SERIES DRAWINGS FOR DOOR SCHEDULE AND DETAILS.
P. ALL DOOR FRAMES SHALL BE LOCATED 4" OFF FINISH WALLS OR 4" OFF MASONRY WALLS UNLESS NOTED OTHERWISE.
Q. ALL GLASS AT INTERIOR DOOR FRAMES, DOOR LITES AND BORROW LITE FRAMES AS SHOWN ON THE DOOR SCHEDULE AND OR FRAME ELEVATIONS, SEE GLAZING SCHEDULE A500 SERIES DWGS.
R. AT BUILDING EXPANSION JOINTS, ALL PARTITIONS, CEILINGS, FLOORS AND ALL WALL, FLOOR OR CEILNG MOUNTED ITEMS SHALL BE ANCHORED TO THE BUILDING STRUCTURE ON ONLY ONE SIDE OF THE EXPANSIONS JOINTS. CONTRACTOR SHALL COORDINATE CONSTRUCTION OR INSTALLATION OF ALL ITEMS NOTED TO ASSURE THAT NO SUCH ITEMS BRIDGE ACCROSS THE EXPANSION JOINT.
S. ALL SLAB-ON-GRADE CONTROL JOINTS TO BE CLEANED AND CAULKED PRIOR TO PLACEMENT OF FLOOR FINISH.
T. SEE REFLECTED CEILING PLANS FOR BULKHEAD LOCATIONS AND DETAILS.
U. REFER TO MECHANICAL DRAWINGS FOR WALL LOUVER LOCATIONS, SIZES AND QUANTITIES.
V. SEE A900 SERIES DRAWINGS FOR FINISH SCHEDULE AND PLANS.
W. SEE A900 SERIES DRAWINGS FOR EQUIPMENT SCHEDULE AND PLANS. PROVIDE BLOCKING IN STUD WALLS AND/OR GROUTED MASONRY CORES AS REQUIRED TO SUPPORT EQUIPMENT.
X. PROVIDE FIRE RESISTANT TREATED WOOD BLOCKING SUPPORTS AS REQUIRED FOR ALL SURFACE MOUNTED ITEMS.
Y. WHERE DISIMILAR FLOOR MATERIALS MEET, THEY SHALL DO SO UNDER THE CENTERLINE OF THE DOOR UNLESS NOTED OTHERWISE.
Z. APPLY SEALANT AT ALL JUNCTURES BETWEEN DIFFERENT MATERIALS (E.G. MASONRY TO GYPSUM WALL BOARD) UTILIZING THE APPROPRIATE TYPE PER SPECIFICATIONS. COLOR TO BE SELECTED BY ARCHITECT.
AA. APPLY SEALANT AT ALL COUNTERTOPS AND BLACKSPLASHES AT JUNCTURE WITH WALL.
BB. ALL DOORS MUST BE INSTALLED WITH AT LEAST THE MINIMUM MANEUVERING CLEARANCE AT THE DOOR APPROACH PER THE MOST CURRENT AMERICANS WITH DISABILITIES ACT.
CC. BASE FLOOR ELEVATION INDICATED FOR THIS PROJECT IS 924'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

COLOR CODE FLOOR PLAN KEY

- 1 - Studs, gyp, and S.A. extend to deck and seal
- 2 - Studs, gyp, and S.A. stop 8" above ceiling and braced
- 3 - Studs, 1 layer of gyp, and S.A. extend to deck and seal
- 4 - Studs and gyp stop 8" above ceiling with no S.A.
- 5 - Studs and gyp extend to deck for 1 hr fire rating
- 6 - Studs, and 1 layer of gyp extend to deck
- 7 - CMU extend to deck
- 8 - CMU stop 8" above ceiling and brace as required



KEYPLAN

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the relationship between and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
To the extent of the reasonably inferred scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
PARTIAL SECOND FLOOR PLAN - COLOR CODED - UNIT F

CERTIFIED BY:
BRENTON C. AITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A232F

PROJECT NUMBER
2023061



1 A232G SECOND FLOOR - COLOR CODED - UNIT G
SCALE: 1/8" = 1'-0"

NORTH

GENERAL NOTES

A. COORDINATE THE WORK OF EACH TRADE WITH THE WORK OF OTHER TRADES.
B. ALL WORK IS TO BE COMPLETED IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, RULES, REGULATIONS AND STANDARDS INCLUDING, BUT NOT LIMITED TO THOSE LISTED ON THE COVER SHEET. ALL APPLICABLE RULES & REGULATIONS ARE TO BE THE MOST CURRENT ADOPTED EDITIONS.
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E. ANY DIMENSIONS NOT SHOWN OR DEEMED QUESTIONABLE ARE TO BE VERIFIED BY ARCHITECT. DO NOT SCALE DRAWINGS.
F. REFER TO WALL TYPE SCHEDULE, SHEET A200, TO DETERMINE WHICH WALLS EXTEND TO DECK. SEE STRUCTURAL FOR TOP SUPPORT DETAIL. WHERE METAL STUDS EXTEND TO DECK, PROVIDE SLIP CONNECTIONS FOR ROOF/ FLOOR DEFLECTION.
G. ALL STEEL STUDS ARE TO BE BRACED ACCORDING TO MANUFACTURER LIMIT HEIGHT (L/240).
H. WHERE INSULATED OR SOUND WALLS EXTEND TO DECK, FILL DECK FLUTES WITH INSULATION/ SOUND ATTENUATION.
I. REFER TO PLUMBING PLANS FOR LOCATION OF FLOOR DRAINS.
J. WHERE ACCESS PANELS ARE SHOWN IN TOILET ROOM CHASES, FINAL LOCATION SHALL BE COORDINATED WITH OTHER TRADES PRIOR TO INSTALLATION.
K. ALL CONCRETE MASONRY UNITS (CMU) SHALL BE LAID RUNNING BOND U.N.O. CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.
L. ALL INTERIOR MASONRY WALLS THAT RUN TO UNDERSIDE OF DECK ABOVE SHALL HAVE A 2" JOINT (U.N.O.) AT THE DECK TO BE FILLED WITH FIRE STOPPING AT RATED WALLS PER PROJECT MANUAL, AND MINERAL WOOL AT THE NON-RATED WALLS TO ALLOW FOR DEFLECTION.
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O. DOOR AND FRAME NUMBERS CORRESPOND TO ROOM NUMBERS. WHERE MORE THAN ONE DOOR OCCURS IN A ROOM, A SUFFIX HAS BEEN ADDED (E.G. A100-1). SEE A500 SERIES DRAWINGS FOR DOOR SCHEDULE AND DETAILS.
P. ALL DOOR FRAMES SHALL BE LOCATED 4" OFF FINISH WALLS OR 4" OFF MASONRY WALLS UNLESS NOTED OTHERWISE.
Q. ALL GLASS AT INTERIOR DOOR FRAMES, DOOR LITES AND BORROW LITE FRAMES AS SHOWN ON THE DOOR SCHEDULE AND OR FRAME ELEVATIONS, SEE GLAZING SCHEDULE A500 SERIES DWGS.
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CC. BASE FLOOR ELEVATION INDICATED FOR THIS PROJECT IS 924'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

COLOR CODE FLOOR PLAN KEY

- 1 - Studs, gyp, and S.A. extend to deck and seal
- 2 - Studs, gyp, and S.A. stop 8" above ceiling and braced
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- 4 - Studs and gyp stop 8" above ceiling with no S.A.
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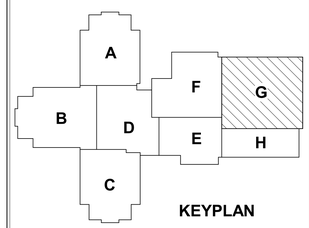

KEYPLAN

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

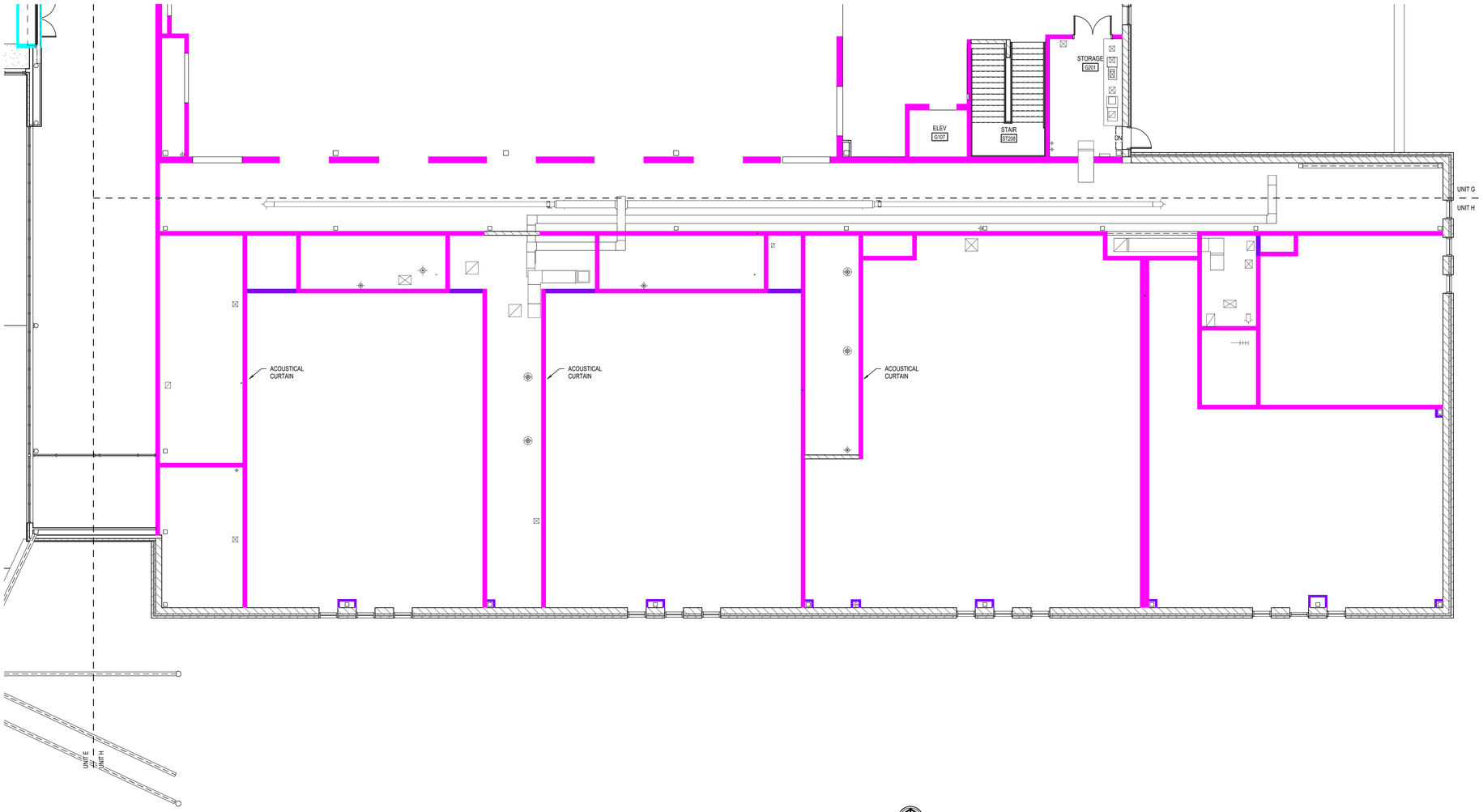
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
PARTIAL SECOND FLOOR PLAN - COLOR CODED - UNIT G

CERTIFIED BY:
BRENTON C. HAYS
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A232G

PROJECT NUMBER
2023061



1 A232H SECOND FLOOR - COLOR CODED - UNIT H
SCALE: 1/8" = 1'-0"

NORTH

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CC. BASE FLOOR ELEVATION INDICATED FOR THIS PROJECT IS 924'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

COLOR CODE FLOOR PLAN KEY

1 - Studs, gyp, and S.A. extend to deck and seal
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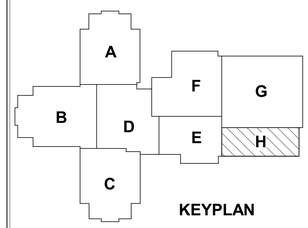

KEYPLAN

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

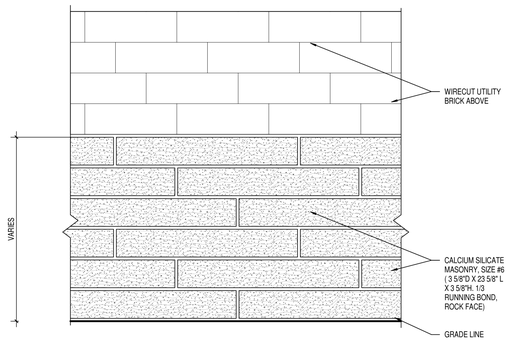
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
PARTIAL SECOND FLOOR PLAN - COLOR CODED - UNIT H

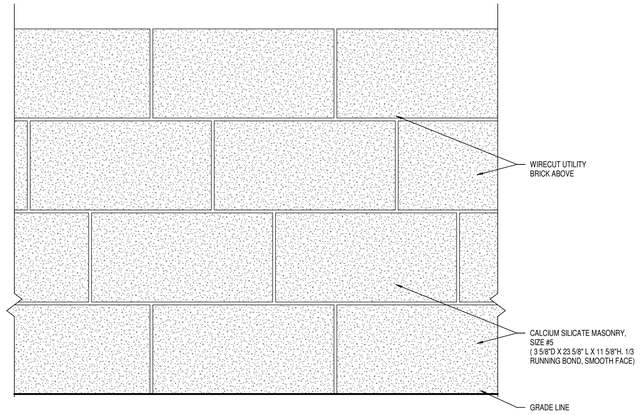
CERTIFIED BY:
BRENTON C. HINE
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A232H

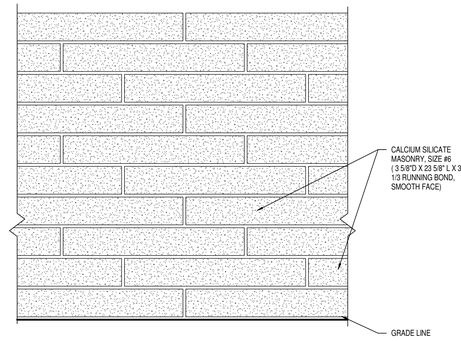
PROJECT NUMBER
2023061



CALCIUM SILCATE MASONRY PATTERN #1
SCALE: 1 1/2" = 1'-0"



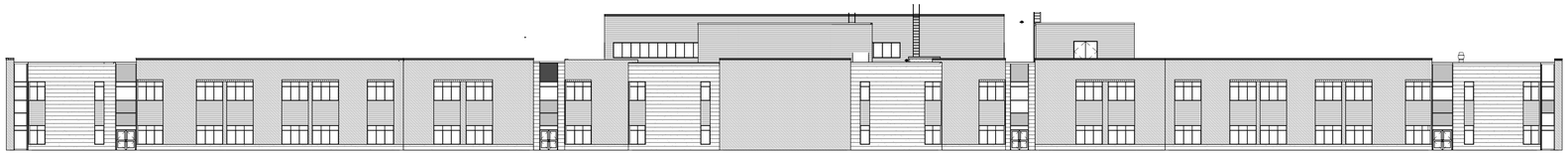
CALCIUM SILCATE MASONRY PATTERN #2
SCALE: 1 1/2" = 1'-0"



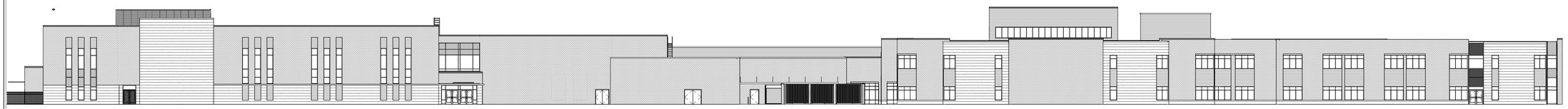
CALCIUM SILCATE MASONRY PATTERN #3
SCALE: 1 1/2" = 1'-0"



1 A300 EXTERIOR ELEVATION - SOUTH
SCALE: 3/64" = 1'-0"



2 A300 EXTERIOR ELEVATION - WEST
SCALE: 3/64" = 1'-0"



3 A300 EXTERIOR ELEVATION - NORTH
SCALE: 3/64" = 1'-0"



4 A300 EXTERIOR ELEVATION - EAST
SCALE: 3/64" = 1'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
OVERALL BUILDING ELEVATIONS

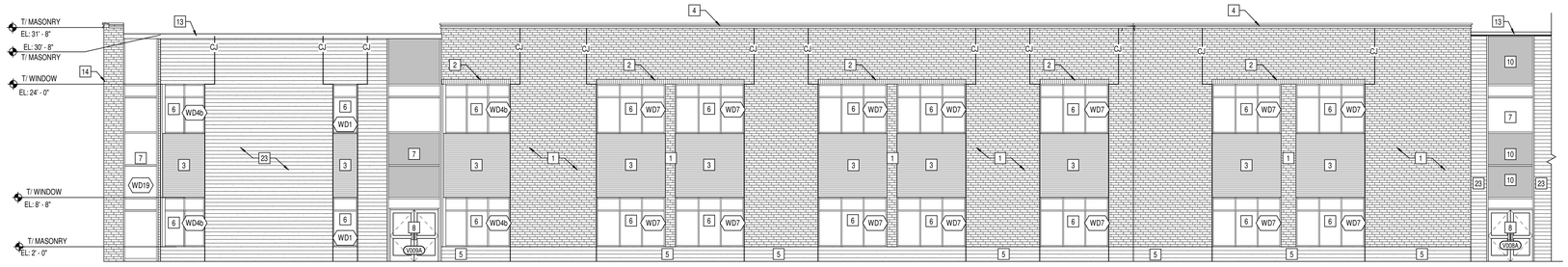
CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A300

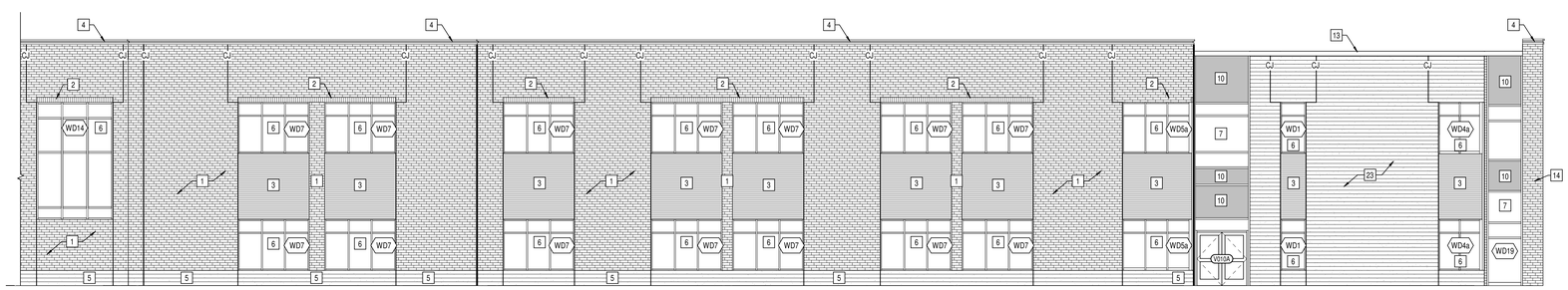
PROJECT NUMBER
2023061

ELEVATION NOTES

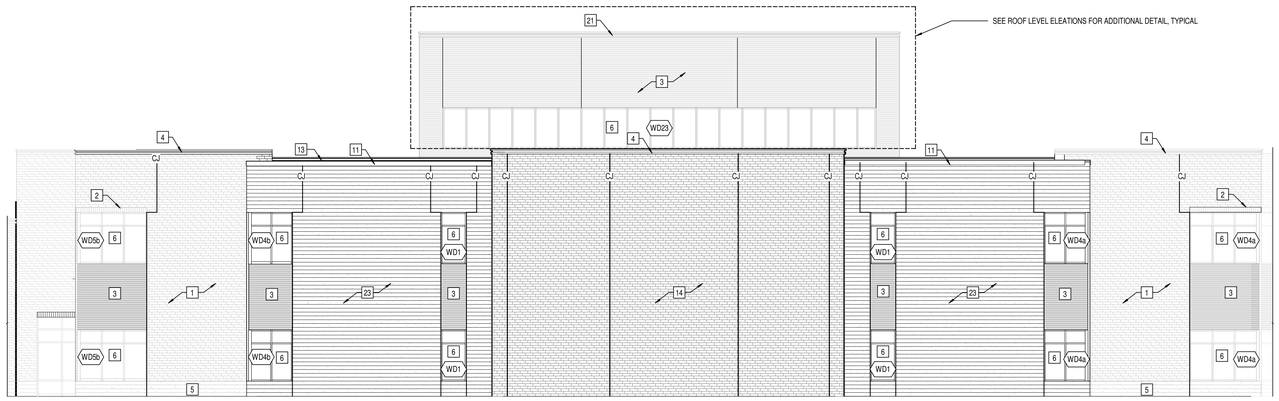
1 BRICK VENEER #1, WIRECUT - UTILITY SIZE BRICK, SEE 04 20 00 SPECIFICATION FOR ADDITIONAL INFORMATION, 1/3 RUNNING BOND
2 SOLDIER COURSE BRICK, PROVIDE BRICK TYPE 2
3 CONCEALED FASTENER PROFILE METAL PANELS, BY 07 42 13
4 DECORATIVE METAL COPING, SEE DETAIL 4/A437, SPEC 07 71 00
5 CALCIUM SILICATE MASONRY, PATTERN #1, SEE A300
6 2" x 4 1/2" STOREFRONT
7 ALUMINUM CURTAIN WALL
8 FULL GLASS STOREFRONT DOOR
9 THROUGH WALL LOUVER, BY MECH. COORDINATE COLOR WITH ARCHITECT.
10 SPANDREL PANEL
11 DRIP EDGE
12 CANOPY OVERHANG SEE SECTIONS FOR DETIALS
13 GRAVEL STOP, 07 71 00
14 BRICK VENEER #2, SMOOTH - UTILITY SIZE BRICK, SEE 04 20 00 SPECIFICATION FOR ADDITIONAL INFORMATION, 1/3 RUNNING BOND
15 LOGO SIGNAGE BY OWNER, NOT IN CONTRACT
16 CAST ALUMINUM DIMENSIONAL LETTER SIGNAGE, SEE 10 14 19, PROVIDE MIN. 35 LETTERS AND FOUR WORDS, 2' TALL LETTERS
17 ROOF SCREEN, SEE 10 82 00
18 WALL EXPANSION JOINT
19 METAL GATES AT LOADING DOCK, PER 32 31 19.01, FULL WIDTH OF OPENING, ONE DOUBLE GATE, ONE SINGLE GATE, FULL HEIGHT OF SCREEN WALL
20 PRE-FABERICATED CANOPY W/ DOWNSPOUTS, PER 10 53 20
21 TAPERED METAL COPING, SEE DETAIL 5/A437 SPEC 07 71 00
22 STONE TRIM UNIT - CORNER STONE 2'x2' 3 5/8", DATE STONE TO TURN CORNER, WITH RECESSED NUMBERS
23 CALCIUM SILICATE MASONRY, PATTERN #2, SEE A300
24 CALCIUM SILICATE MASONRY, PATTERN #3, SEE A3000
25 EXPOSED STRUCTURAL STEEL, PAINT WITH EPOXY PAINT
26 ARCHITECTURAL LOUVER, SEE SPEC 10 82 00
27 EXPOSED STRUCTURAL STEEL, PAINT WITH EPOXY PAINT
28 2'-0" PREFORMED RETURN CORNER VERTICAL REVEL BY MANUFACTURER



1 / A301 EXTERIOR ELEVATION - WEST UNIT A
SCALE: 1/8" = 1'-0"



2 / A301 EXTERIOR ELEVATION - EAST UNIT A
SCALE: 1/8" = 1'-0"



3 / A301 EXTERIOR ELEVATION - NORTH UNIT A
SCALE: 1/8" = 1'-0"

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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
EXTERIOR BUILDING ELEVATIONS

CERTIFIED BY:
BRENT C. HIGH
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A301

PROJECT NUMBER
2023061

ELEVATION NOTES

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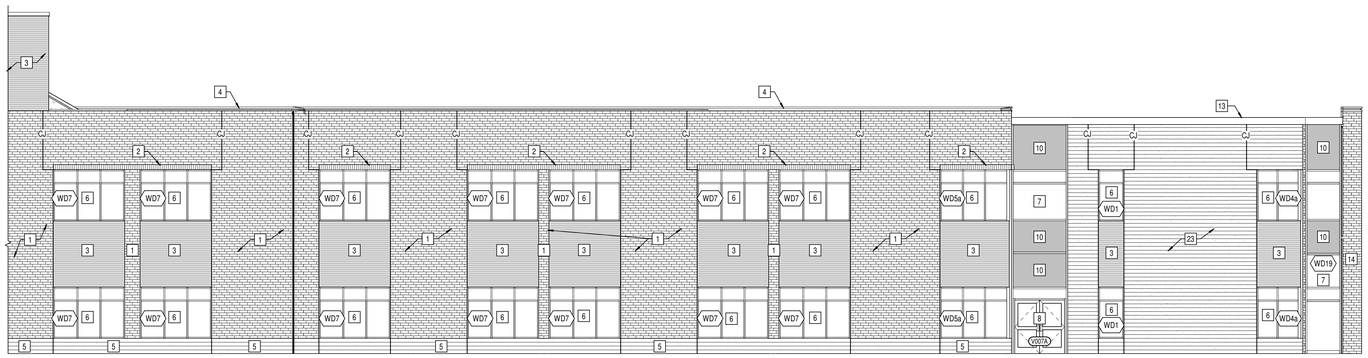
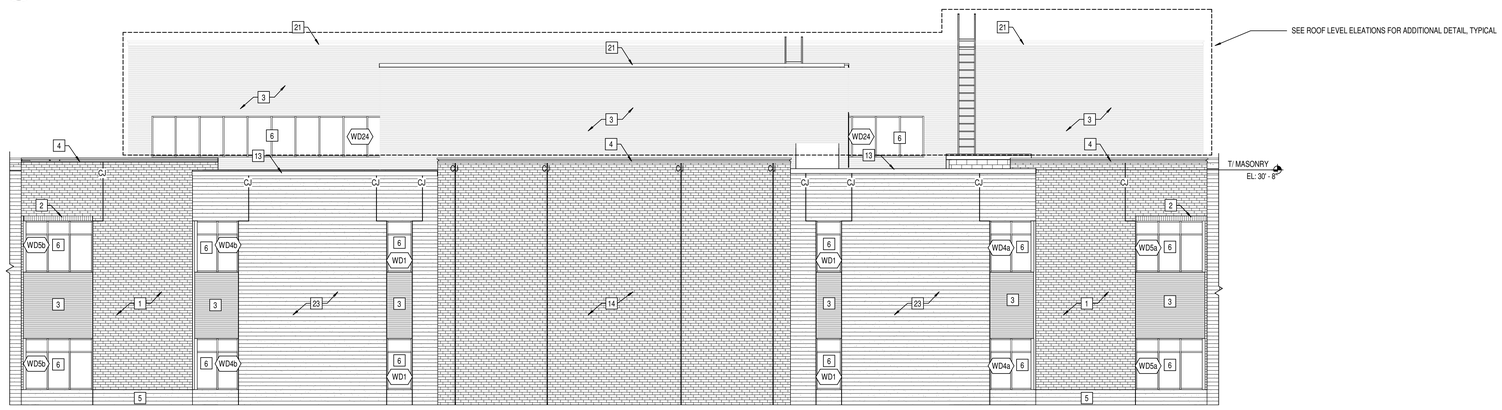
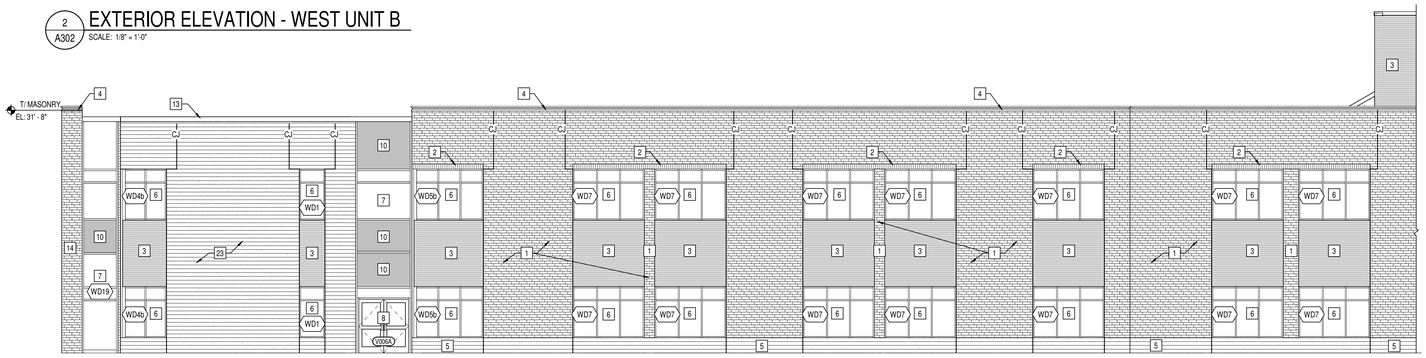
28 2'-0" PREFORMED RETURN CORNER VERTICAL REVEL BY MANUFACTURER



3 A302 EXTERIOR ELEVATION - NORTH UNIT B
SCALE: 1/8" = 1'-0"



2 A302 EXTERIOR ELEVATION - WEST UNIT B
SCALE: 1/8" = 1'-0"



1 A302 EXTERIOR ELEVATION - SOUTH UNIT B
SCALE: 1/8" = 1'-0"

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PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
EXTERIOR BUILDING ELEVATIONS

CERTIFIED BY:
BRENTON C. HOE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A302

PROJECT NUMBER
2023061

ELEVATION NOTES

1 BRICK VENEER #1, WIRECUT - UTILITY SIZE BRICK, SEE 04 20 00 SPECIFICATION FOR ADDITIONAL INFORMATION, 1/3 RUNNING BOND
2 SOLDIER COURSE BRICK, PROVIDE BRICK TYPE 2
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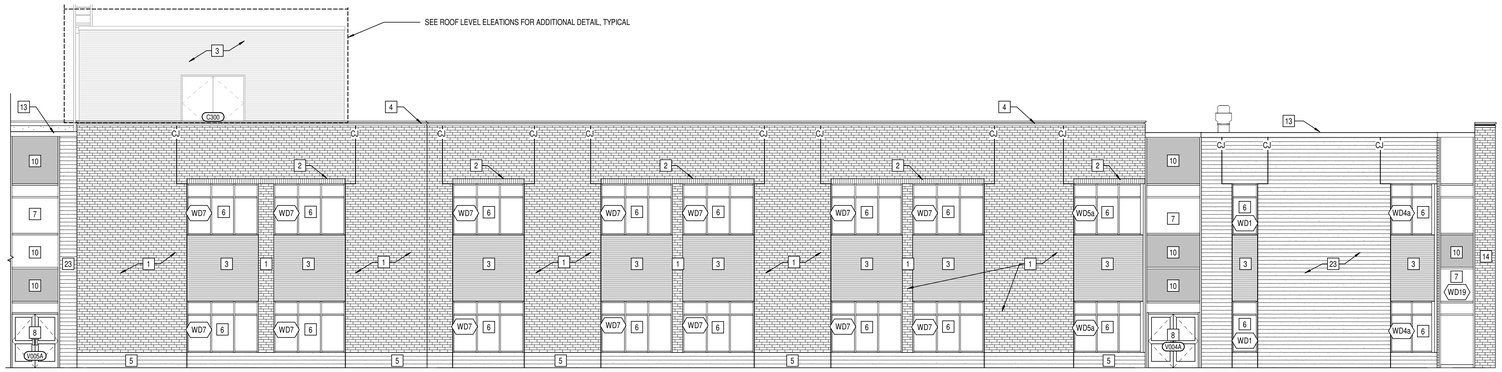
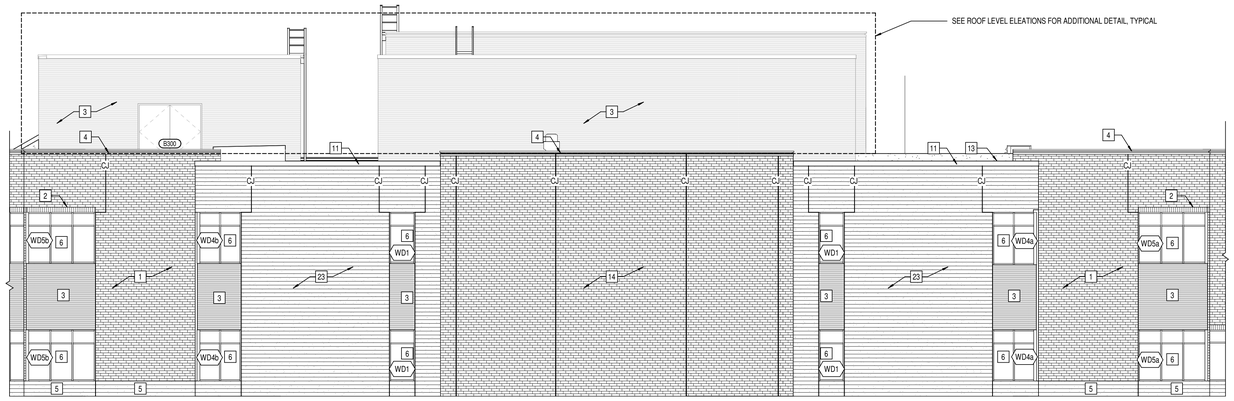
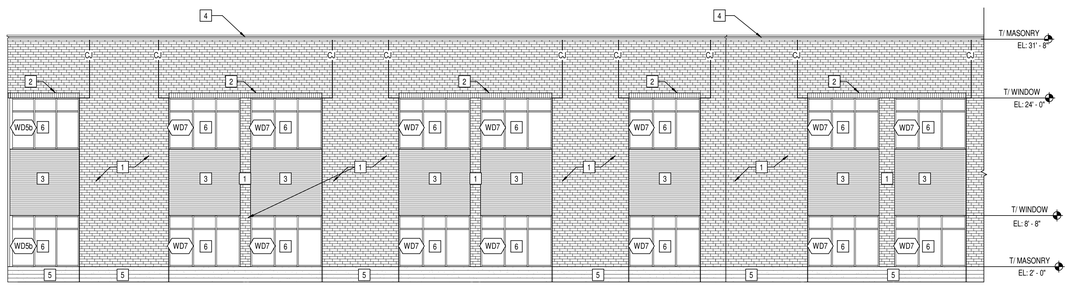


4 A303 EXTERIOR ELEVATION - WEST UNIT C
SCALE: 1/8" = 1'-0"



3 A303 EXTERIOR ELEVATION - SOUTH UNIT C
SCALE: 1/8" = 1'-0"



2 A303 EXTERIOR ELEVATION - EAST UNIT C
SCALE: 1/8" = 1'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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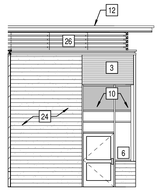
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
EXTERIOR BUILDING ELEVATIONS

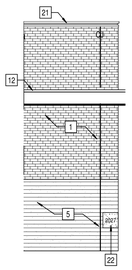
CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A303

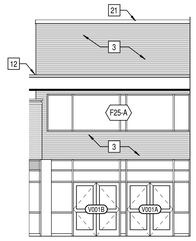
PROJECT NUMBER
2023061



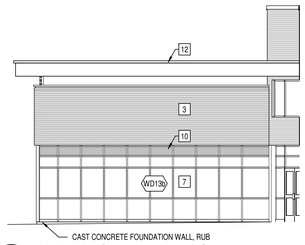
6 A304 EXTERIOR ELEVATION - UNIT E
SCALE: 1/8" = 1'-0"



7 A304 EXTERIOR ELEVATION - UNIT H
SCALE: 1/8" = 1'-0"



8 A304 MAIN ENTRY ELEVATION
SCALE: 1/8" = 1'-0"



9 A304 EXTERIOR ELEVATION - UNIT E
SCALE: 1/8" = 1'-0"

ELEVATION NOTES

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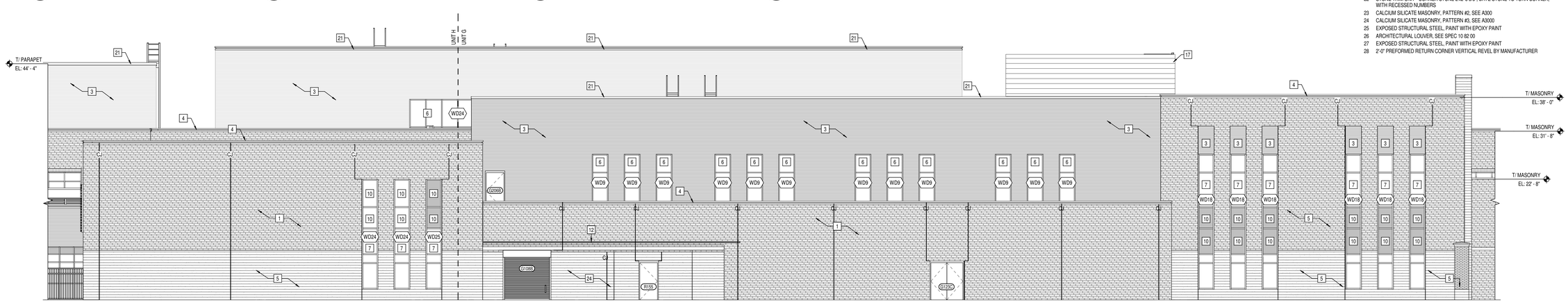
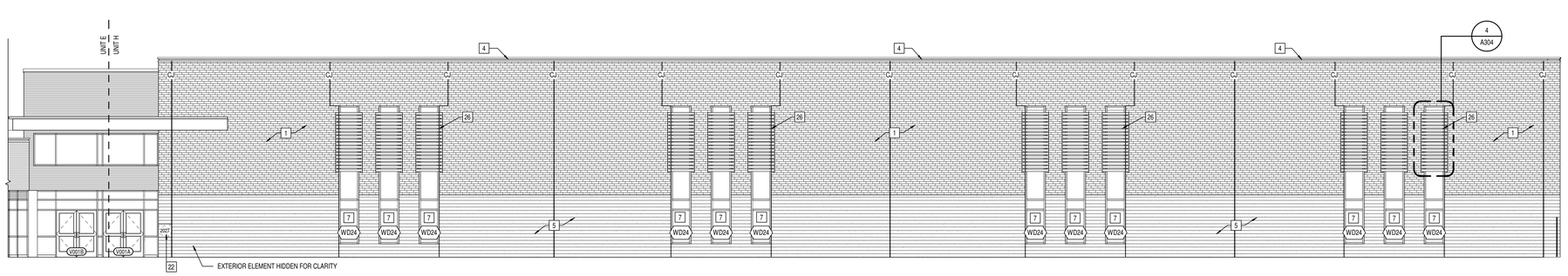
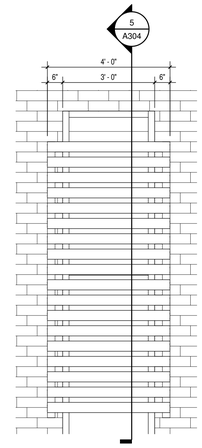
28 2'-0" PREFORMED RETURN CORNER VERTICAL REVEL BY MANUFACTURER



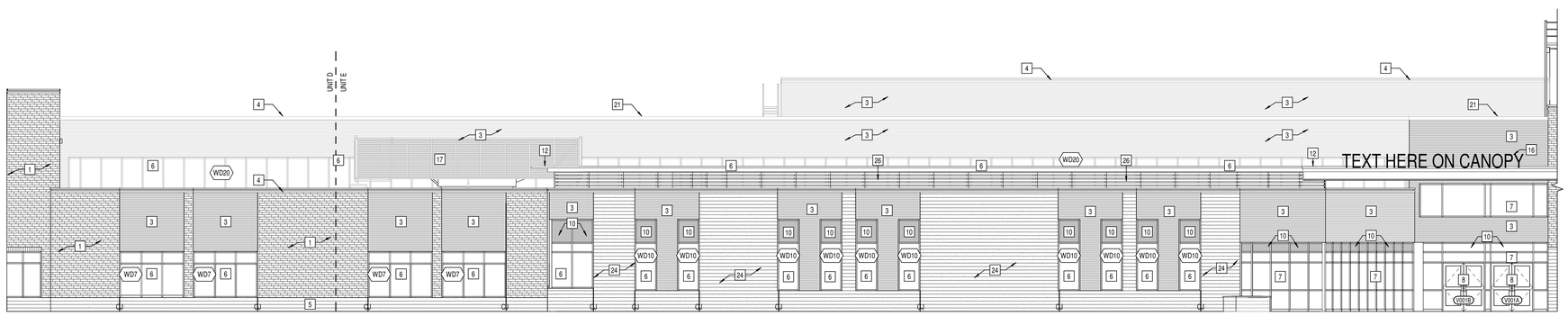
3 A304 EXTERIOR ELEVATION - EAST UNITS G & H
SCALE: 1/8" = 1'-0"



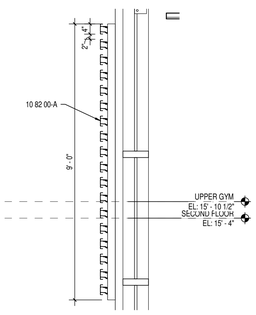
2 A304 EXTERIOR ELEVATION - SOUTH UNIT H
SCALE: 1/8" = 1'-0"



4 A304 METAL SCREEN ELEVATION
SCALE: 1/2" = 1'-0"



1 A304 EXTERIOR ELEVATION - SOUTH UNIT E & D
SCALE: 1/8" = 1'-0"



5 A304 METAL SCREEN SECTION
SCALE: 1/2" = 1'-0"

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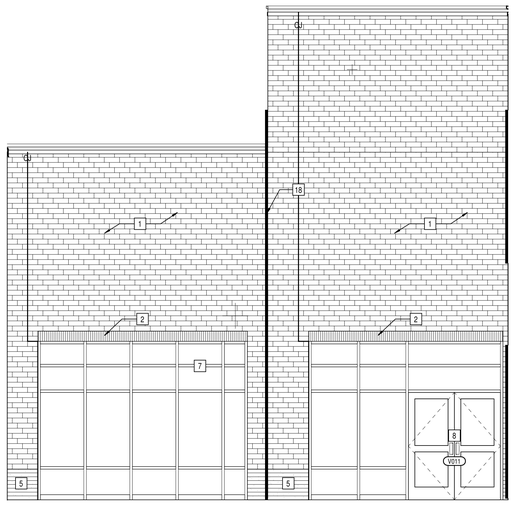
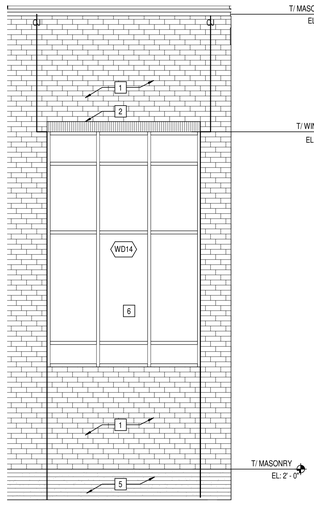
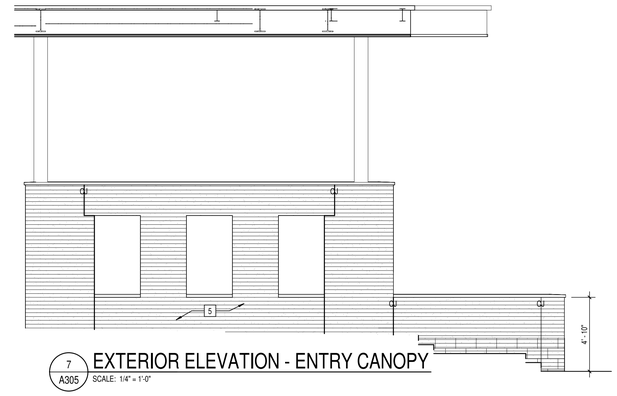


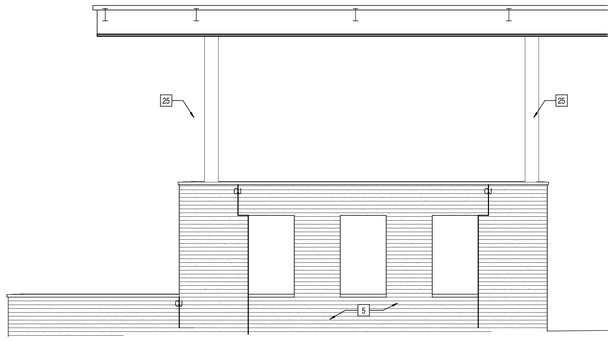
5 A305 CAFETERIA - NORTH UNIT D
SCALE: 1/4" = 1'-0"



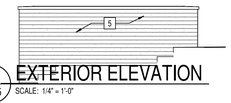
6 A305 CAFETERIA - EAST UNIT D
SCALE: 1/4" = 1'-0"



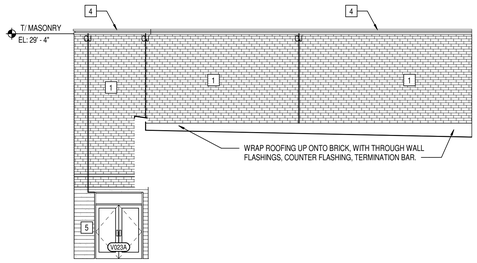
7 A305 EXTERIOR ELEVATION - ENTRY CANOPY
SCALE: 1/4" = 1'-0"



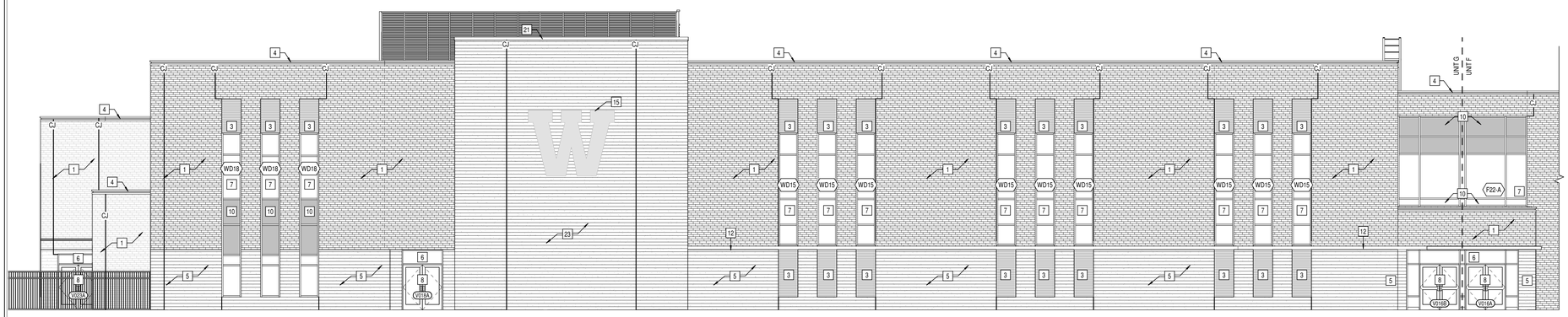
3 A305 EXTERIOR ELEVATION - ENTRY CANOPY
SCALE: 1/4" = 1'-0"



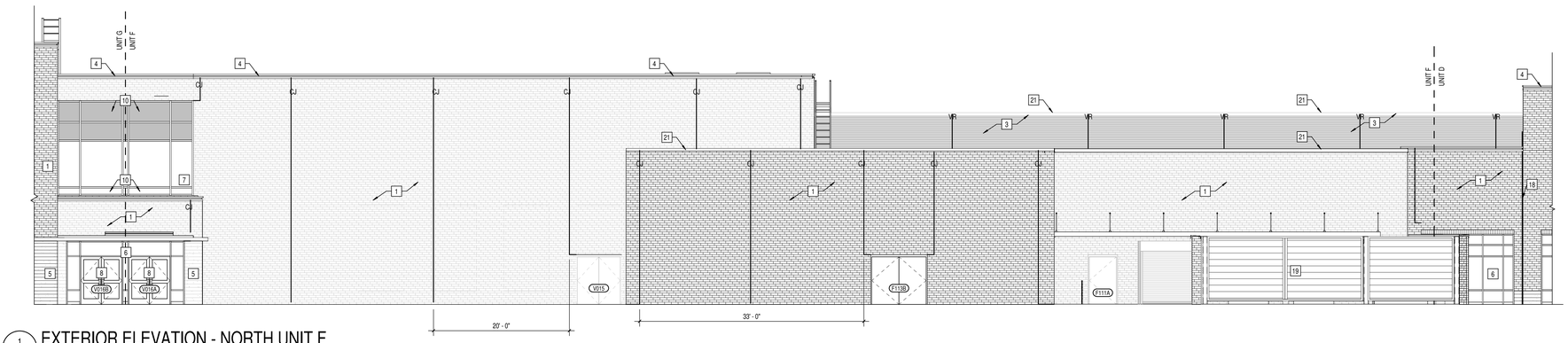
8 A305 EXTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



4 A305 UPPER ROOF - UNIT G - NORTH ELEVATION
SCALE: 1/8" = 1'-0"



2 A305 EXTERIOR ELEVATION - NORTH UNIT G
SCALE: 1/8" = 1'-0"



1 A305 EXTERIOR ELEVATION - NORTH UNIT F
SCALE: 1/8" = 1'-0"

ELEVATION NOTES

1 BRICK VENEER #1, WIRECUT - UTILITY SIZE BRICK, SEE 04 20 00 SPECIFICATION FOR ADDITIONAL INFORMATION, 1/3 RUNNING BOND
2 SOLDIER COURSE BRICK, PROVIDE BRICK TYPE 2
3 CONCEALED FASTENER PROFILE METAL PANELS, BY 07 42 13
4 DECORATIVE METAL COPING, SEE DETAIL 4/A437, SPEC 07 71 00
5 CALCIUM SILICATE MASONRY, PATTERN #1, SEE A300
6 2" x 4 1/2" STOREFRONT
7 ALUMINUM CURTAIN WALL
8 FULL GLASS STOREFRONT DOOR
9 THROUGH WALL LOUVER, BY MECH. COORDINATE COLOR WITH ARCHITECT.
10 SPANDREL PANEL
11 DRIP EDGE
12 CANOPY OVERHANG SEE SECTIONS FOR DETIALS
13 GRAVEL STOP, 07 71 00
14 BRICK VENEER #2, SMOOTH - UTILITY SIZE BRICK, SEE 04 20 00 SPECIFICATION FOR ADDITIONAL INFORMATION, 1/3 RUNNING BOND
15 LOGO SIGNAGE BY OWNER, NOT IN CONTRACT
16 CAST ALUMINUM DIMENSIONAL LETTER SIGNAGE, SEE 10 14 19, PROVIDE MIN. 35 LETTERS AND FOUR WORDS, 2' TALL LETTERS
17 ROOF SCREEN, SEE 10 82 00
18 WALL EXPANSION JOINT
19 METAL GATES AT LOADING DOCK, PER 32 31 19.01, FULL WIDTH OF OPENING, ONE DOUBLE GATE, ONE SINGLE GATE, FULL HEIGHT OF SCREEN WALL
20 PRE-FABERICATED CANOPY W/ DOWNSPOUTS, PER 10 53 20
21 TAPERED METAL COPING, SEE DETAIL 5/A437 SPEC 07 71 00
22 STONE TRIM UNIT - CORNER STONE 2'x2' 3 5/8", DATE STONE TO TURN CORNER, WITH RECESSED NUMBERS
23 CALCIUM SILICATE MASONRY, PATTERN #2, SEE A300
24 CALCIUM SILICATE MASONRY, PATTERN #3, SEE A3000
25 EXPOSED STRUCTURAL STEEL, PAINT WITH EPOXY PAINT
26 ARCHITECTURAL LOUVER, SEE SPEC 10 82 00
27 EXPOSED STRUCTURAL STEEL, PAINT WITH EPOXY PAINT
28 2'-0" PREFORMED RETURN CORNER VERTICAL REVEL BY MANUFACTURER

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
EXTERIOR BUILDING ELEVATIONS

CERTIFIED BY:
BRENT C. HIGH
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A305

PROJECT NUMBER
2023061

ELEVATION NOTES

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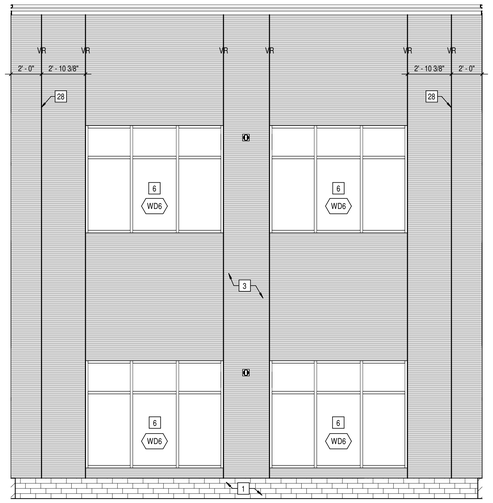
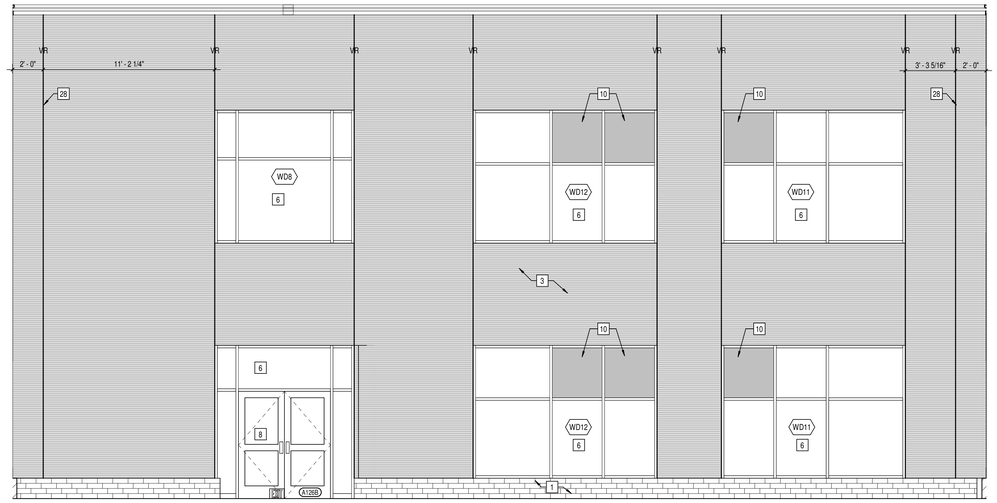
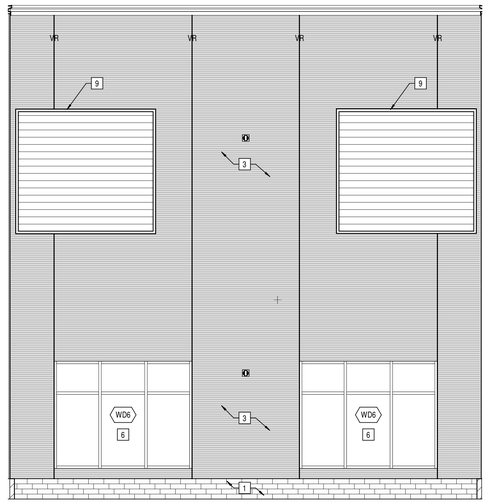


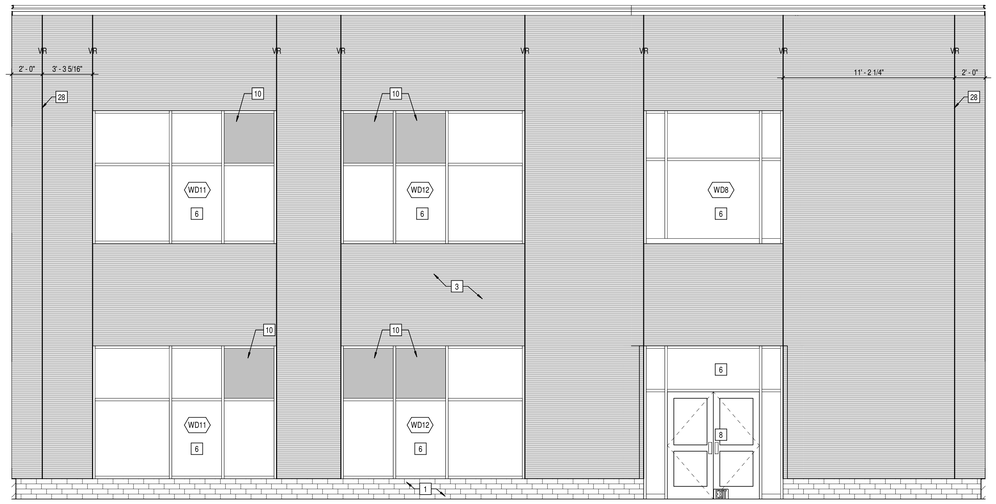
4 A306 TYP. OUTDOOR LEARNING WALL ELEVATION
SCALE: 1/4" = 1'-0"



3 A306 TYP. OUTDOOR LEARNING WALL ELEVATION
SCALE: 1/4" = 1'-0"



2 A306 TYP. OUTDOOR LEARNING WALL ELEVATION
SCALE: 1/4" = 1'-0"



1 A306 TYP. OUTDOOR LEARNING WALL ELEVATION
SCALE: 1/4" = 1'-0"

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
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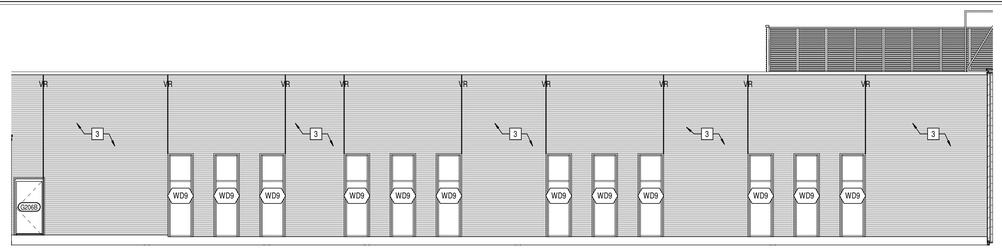
DRAWING TITLE:
EXTERIOR BUILDING ELEVATIONS - TYP.

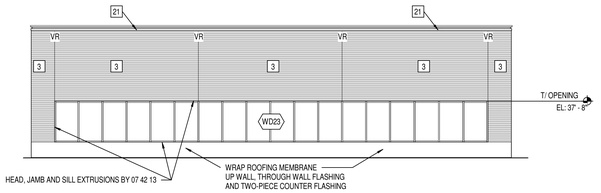
CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A306

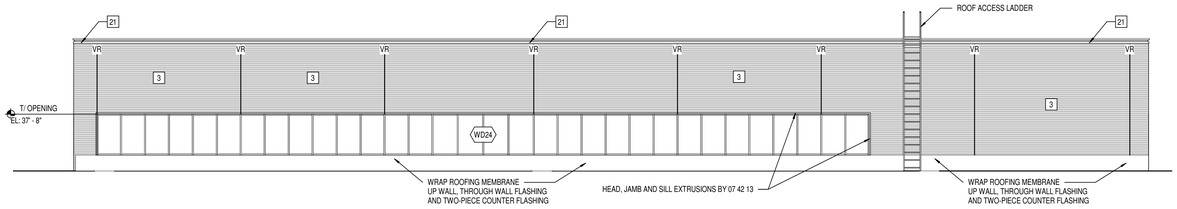
PROJECT NUMBER
2023061



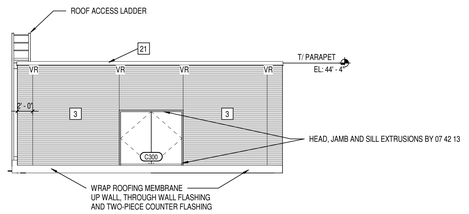
13 / A307 UPPER ROOF - MAT GYM - NORTH ELEVATION
SCALE: 1/8" = 1'-0"



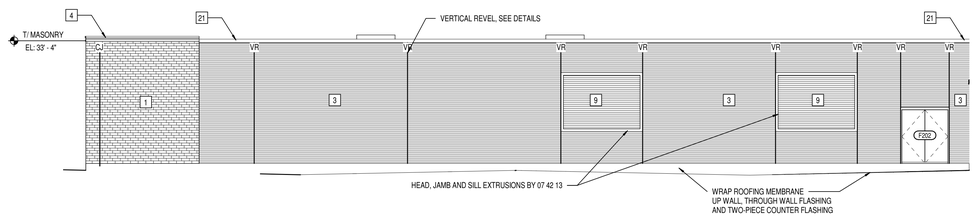
12 / A307 UNIT D CLERESTORY ELEVATION - SOUTH
SCALE: 1/8" = 1'-0"



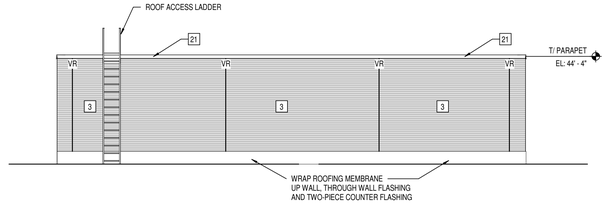
8 / A307 UNIT D - CLERESTORY ELEVATION - WEST
SCALE: 1/8" = 1'-0"



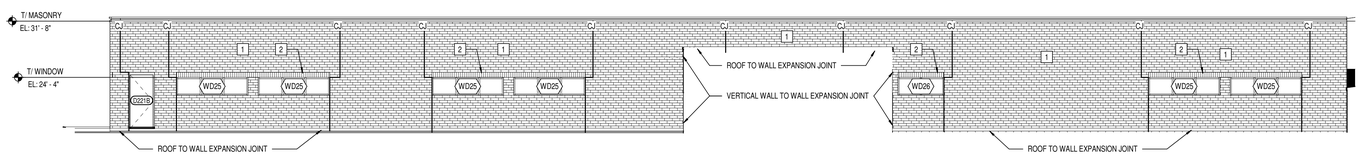
10 / A307 PENTHOUSE ELEVATION
SCALE: 1/8" = 1'-0"



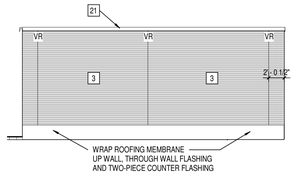
7 / A307 FLEX THEATHER LOW ROOF ELEVATION - WEST
SCALE: 1/8" = 1'-0"



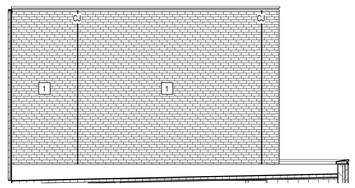
9 / A307 MEZZANINE B300 - EAST ELEVATION
SCALE: 1/8" = 1'-0"



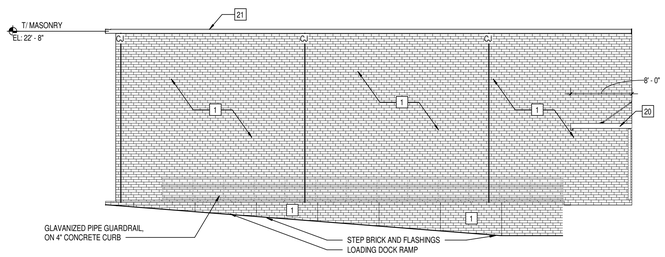
6 / A307 LOW ROOF EAST ELEVATION
SCALE: 1/8" = 1'-0"



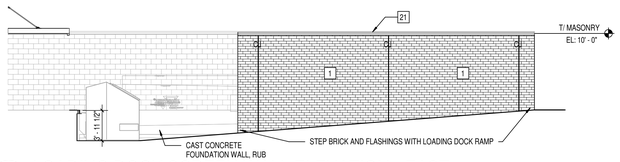
11 / A307 PENTHOUSE ELEVATION
SCALE: 1/8" = 1'-0"



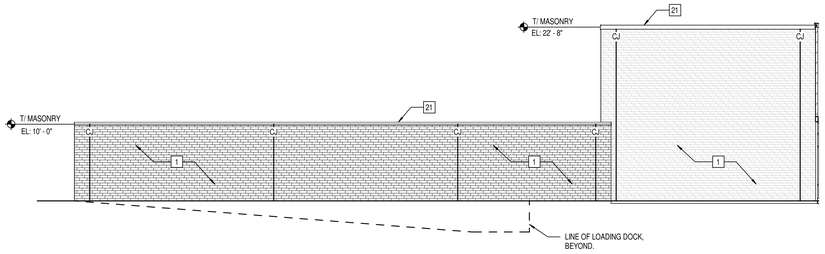
14 / A307 UPPDER ROOF - WEIGHT GYM - SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



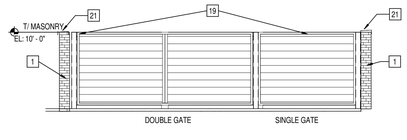
4 / A307 LOADING DOCK - ELEVATION - WEST
SCALE: 1/8" = 1'-0"



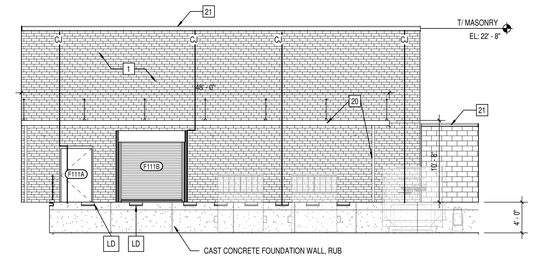
5 / A307 LOADING DOCK SCREEN WALL ELEVATION - EAST
SCALE: 1/8" = 1'-0"



2 / A307 LOADING DOCK SCREEN WALL ELEVATION - WEST
SCALE: 1/8" = 1'-0"



1 / A307 LOADING DOCK GATES - NORTH
SCALE: 1/8" = 1'-0"



3 / A307 LOADING DOCK NORTH ELEVATION
SCALE: 1/8" = 1'-0"

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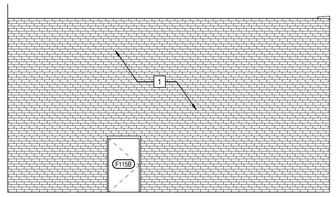
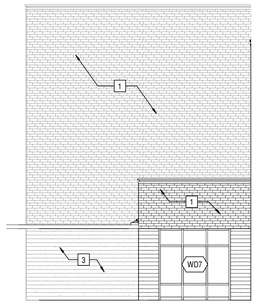
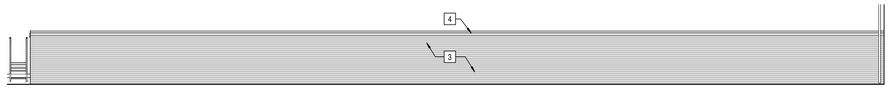


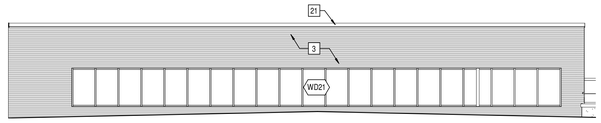
14 A308 WATER SERVICE F114 ELEVATION EAST
SCALE: 1/8" = 1'-0"



13 A308 VESTIBULE V011 ELEVATION EAST
SCALE: 1/8" = 1'-0"



15 A308 FLEX THEATER ELEVATION SOUTH
SCALE: 1/8" = 1'-0"



12 A308 UNIT E CLEARSTORY WEST
SCALE: 1/8" = 1'-0"

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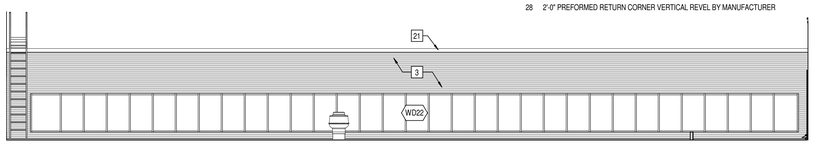
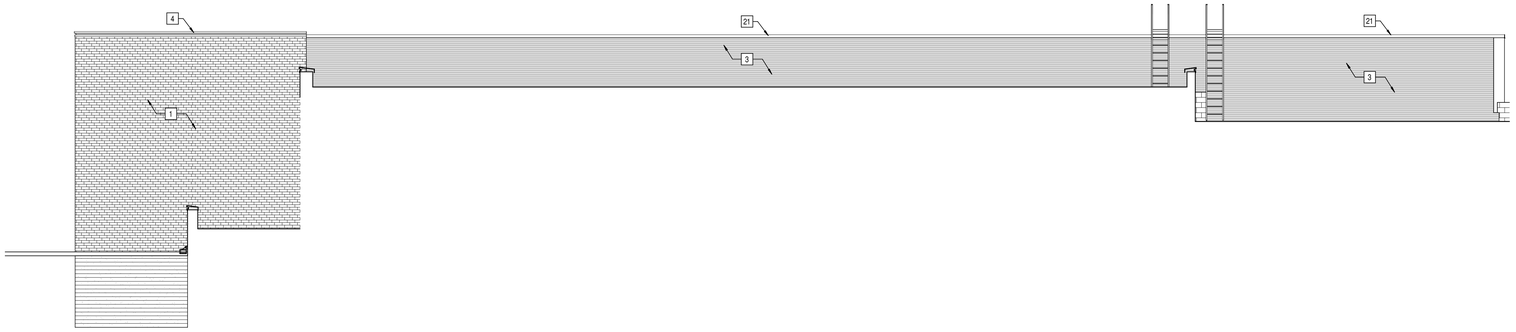
10 A308 GYM EXTERIOR ELEVATION SOUTH
SCALE: 1/8" = 1'-0"



11 A308 UNIT F - CLEARSTORY NORTH
SCALE: 1/8" = 1'-0"



9 A308 GYM EXTERIOR ELEVATION WEST
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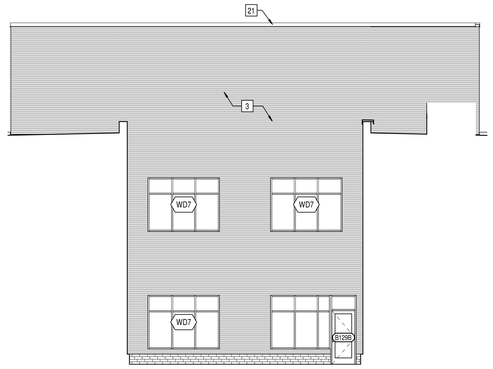
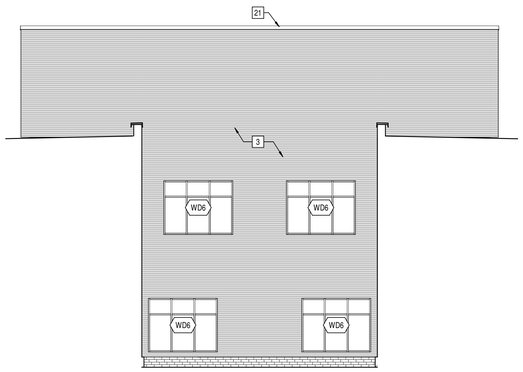
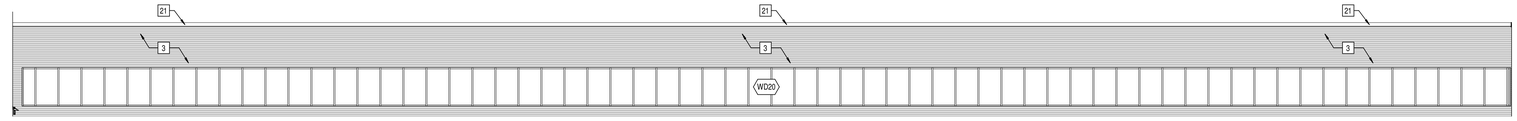


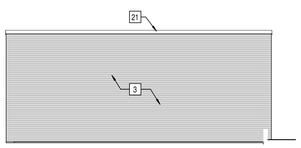
8 A308 UNIT B OUTDOOR LEARNING WALL ELEVATION EAST
SCALE: 1/8" = 1'-0"



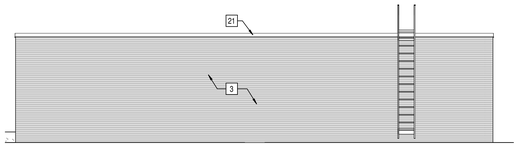
6 A308 UNIT C OUTDOOR LEARNING WALL ELEVATION SOUTH
SCALE: 1/8" = 1'-0"



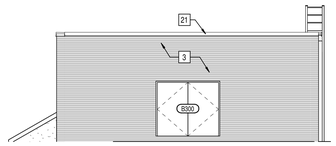
7 A308 UNIT F - CLEARSTORY SOUTH
SCALE: 1/8" = 1'-0"



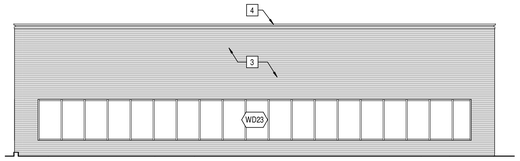
5 A308 MEZZANINE C300 ELEVATION EAST
SCALE: 1/8" = 1'-0"



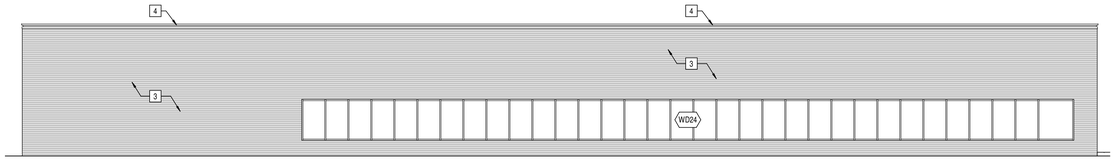
4 A308 MEZZANINE C300 ELEVATION NORTH
SCALE: 1/8" = 1'-0"



3 A308 MEZZANINE B300 ELEVATION SOUTH
SCALE: 1/8" = 1'-0"



2 A308 UNIT D CLEARSTORY NORTH
SCALE: 1/8" = 1'-0"



1 A308 UNIT D CLEARSTORY EAST
SCALE: 1/8" = 1'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the general requirements of and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for the performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

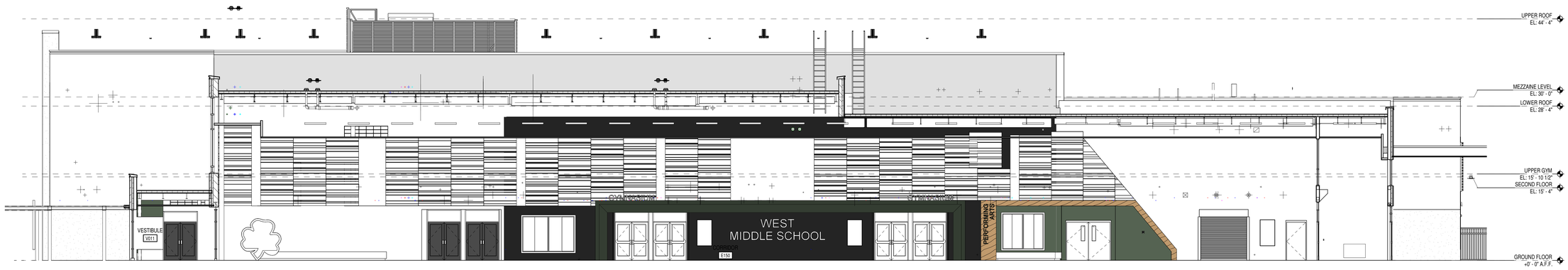
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	Author	Checker

DRAWING TITLE:
EXTERIOR BUILDING ELEVATIONS

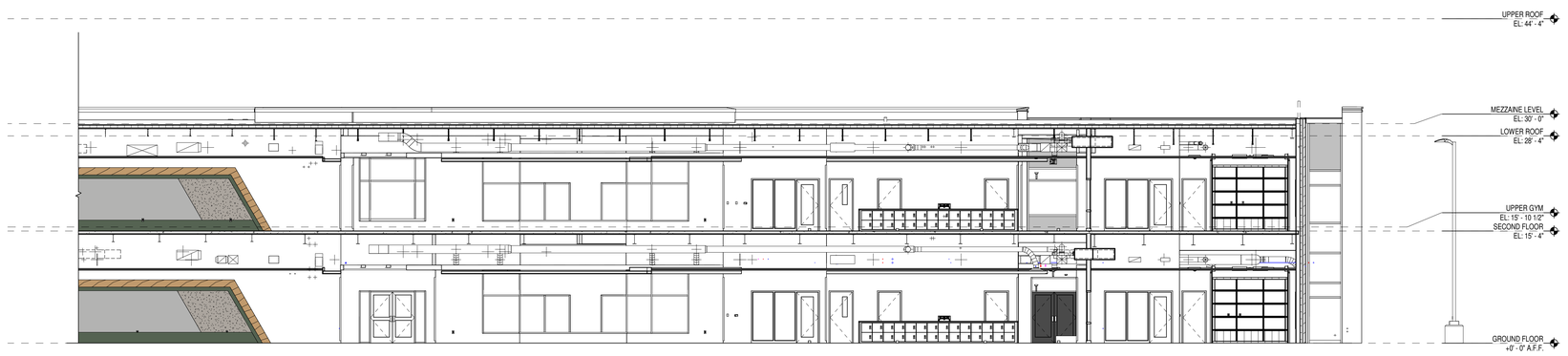
CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A308

PROJECT NUMBER
2023061



4 A310 OVERALL BUILDING SECTION - UNIT G
SCALE: 1/8" = 1'-0"



3 A310 OVERALL BUILDING SECTION - UNIT A
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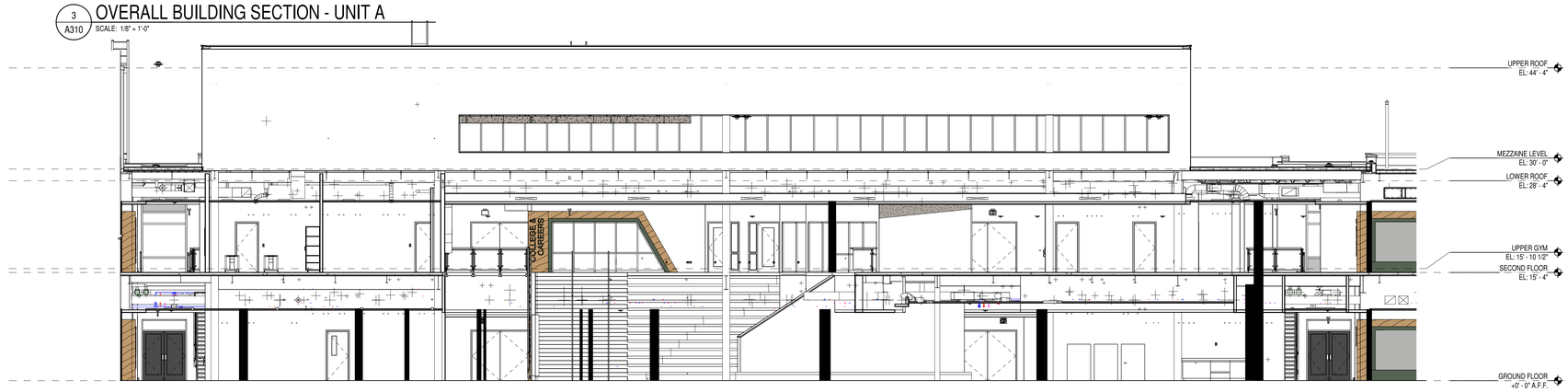
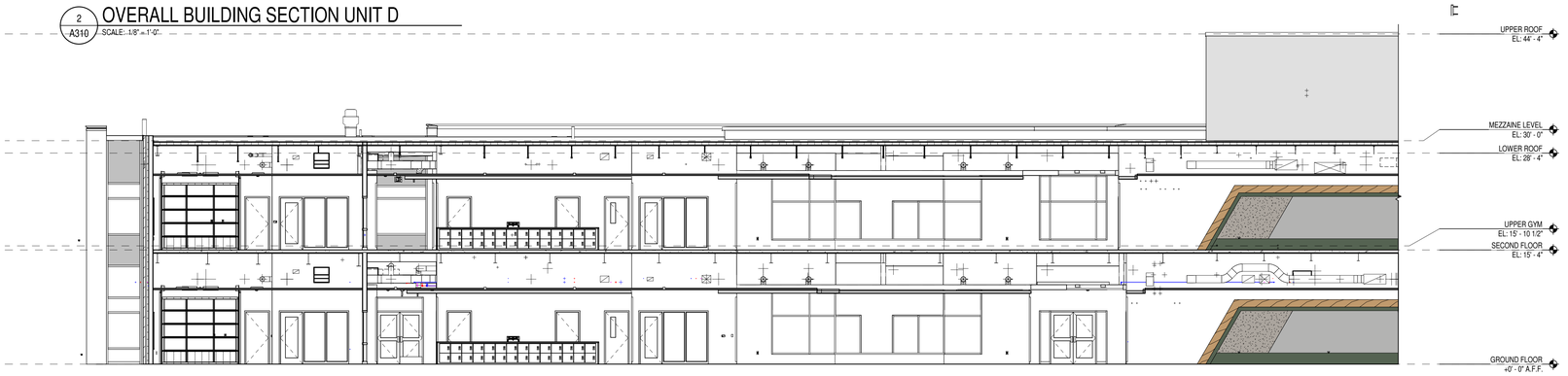


2 A310 OVERALL BUILDING SECTION UNIT D
SCALE: 1/8" = 1'-0"



1 A310 OVERALL BUILDING SECTION - UNIT B & C
SCALE: 1/8" = 1'-0"

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PROJECT:
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REVISIONS:

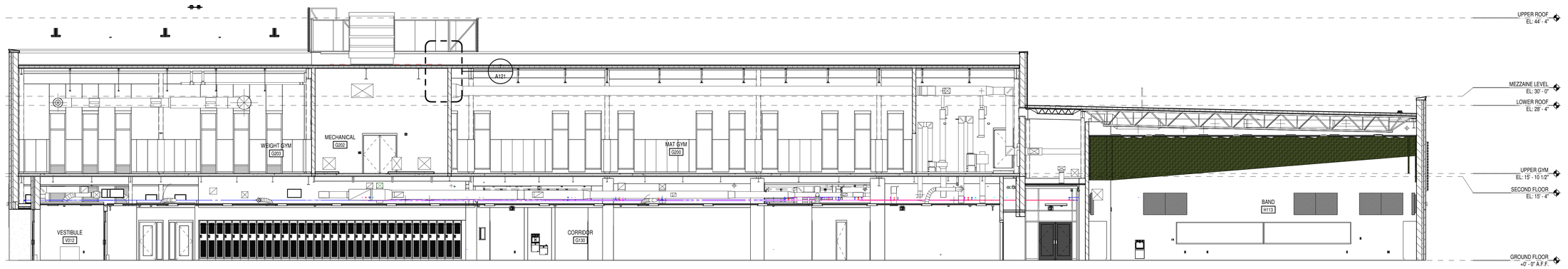
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
OVERALL BUILDING SECTIONS

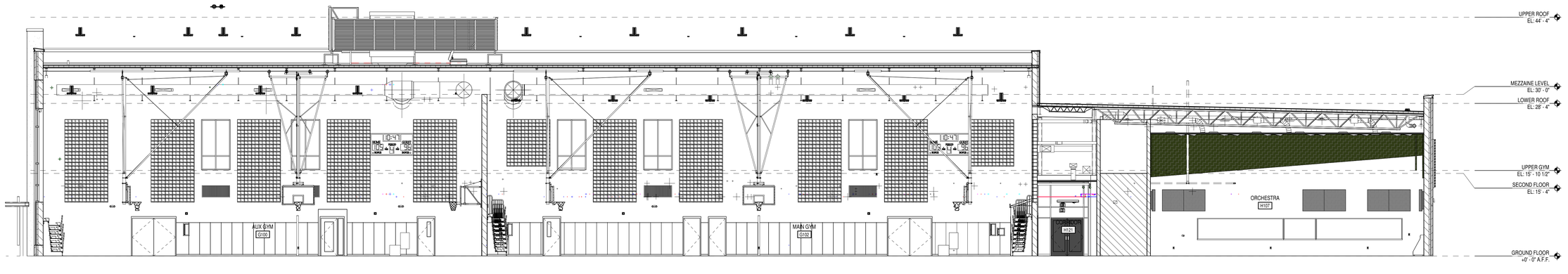
CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A310

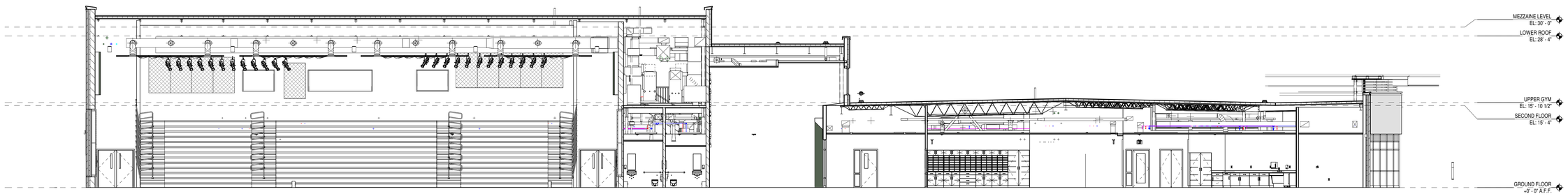
PROJECT NUMBER
2023061



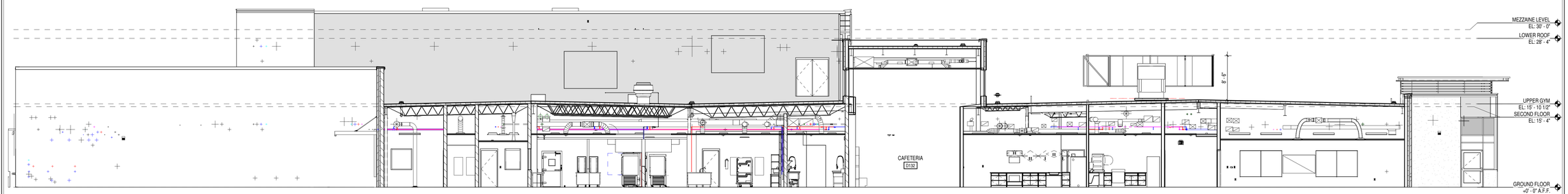
4 A311 OVERALL BUILDING SECTION
SCALE: 1/8" = 1'-0"



3 A311 OVERALL BUILDING SECTION
SCALE: 1/8" = 1'-0"



2 A311 OVERALL BUILDING SECTION
SCALE: 1/8" = 1'-0"



1 A311 OVERALL BUILDING SECTION
SCALE: 1/8" = 1'-0"

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PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

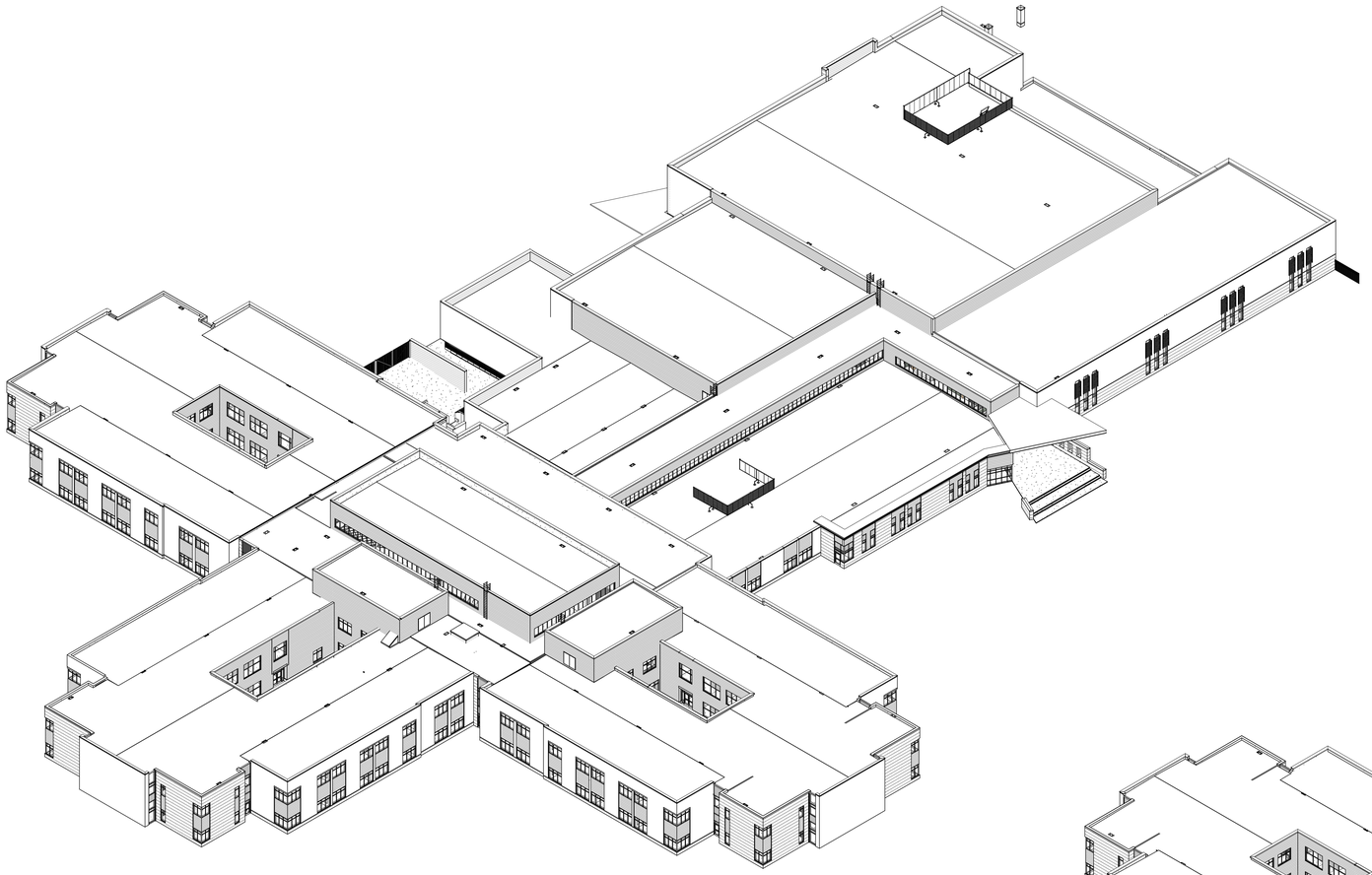
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
OVERALL BUILDING SECTIONS

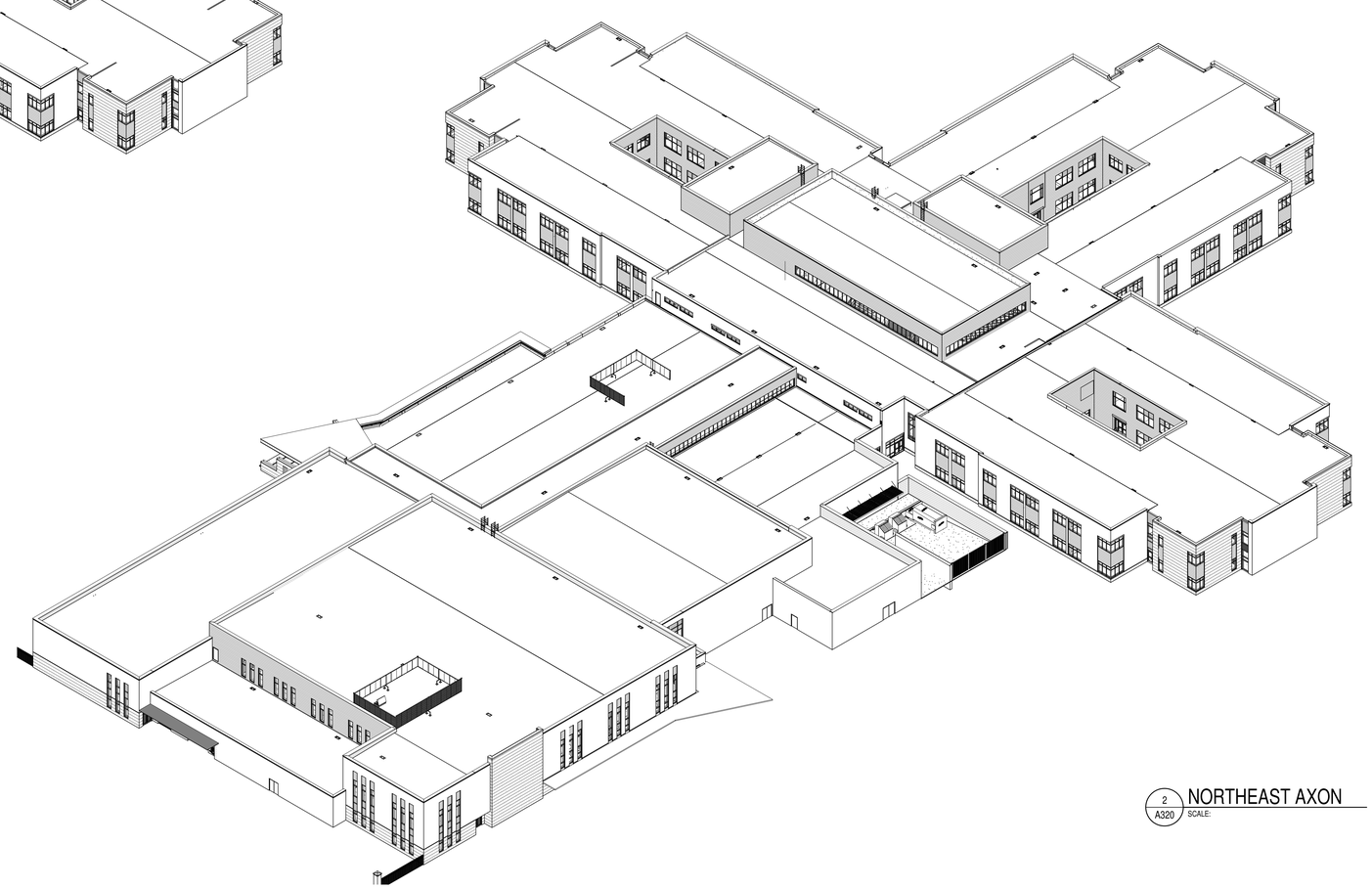
CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A311

PROJECT NUMBER
2023061



1 A320 SOUTHWEST AXON
SCALE:



2 A320 NORTHEAST AXON
SCALE:

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08/09/24	KRK	EHMH

DRAWING TITLE:
OVERALL AXONOMETRIC VIEWS

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A320

PROJECT NUMBER
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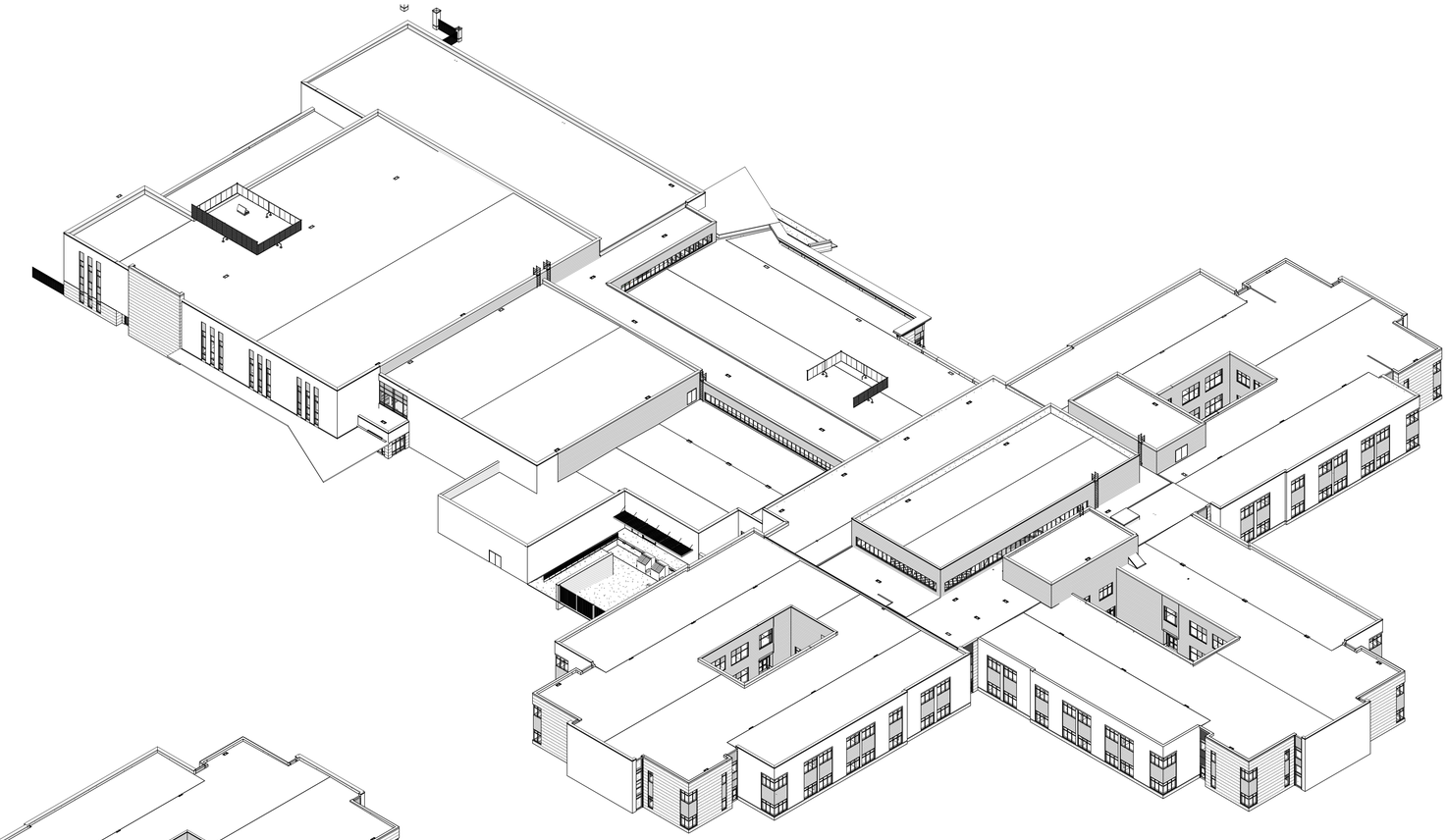

1 A321 NORTHWEST AXON
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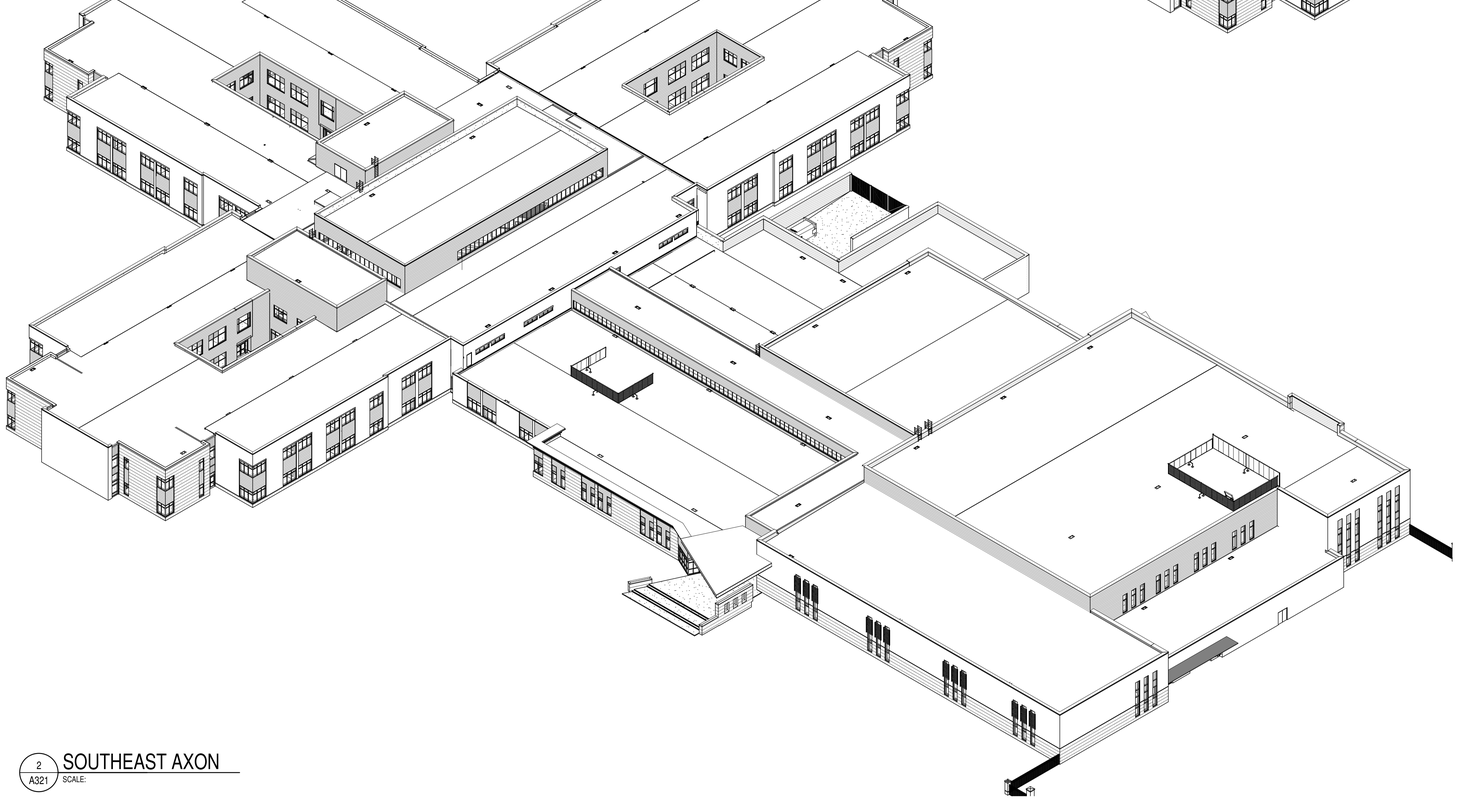

2 A321 SOUTHEAST AXON
SCALE:

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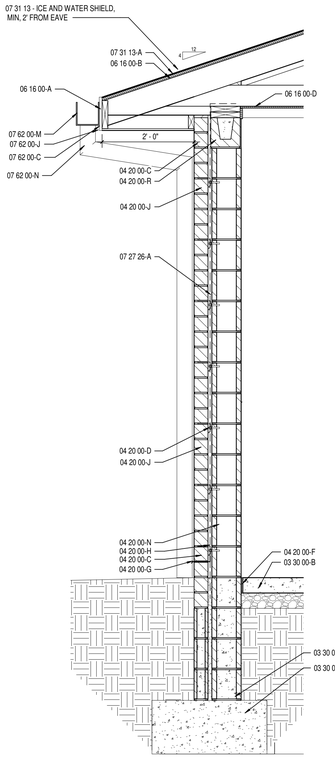
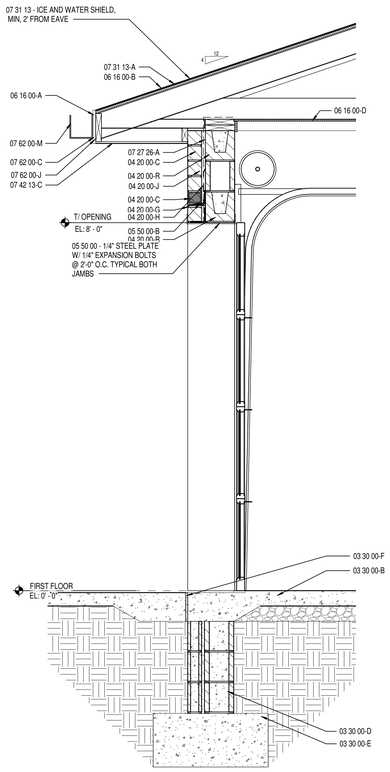
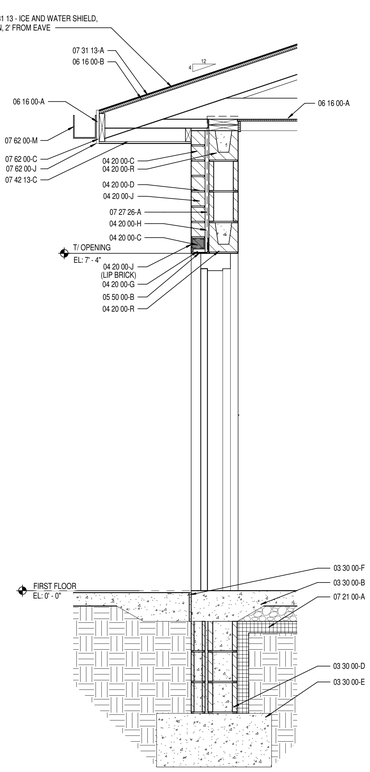


8 A330 WALL SECTION
SCALE: 3/4" = 1'-0"



9 A330 WALL SECTION
SCALE: 3/4" = 1'-0"



10 A330 WALL SECTION
SCALE: 3/4" = 1'-0"

ROOF ABBREVIATIONS

DR	DUCT THRU ROOF
DS	METAL DOWNSPOUT
EF	EXHAUST FAN: SEE MECHANICAL
EJ	EXPANSION JOINT
FS	FLUE STACK: SEE MECHANICAL
GU	METAL GUTTER
PV	PLUMBING VENT
RAV	RELIEF AIR VENT: SEE MECHANICAL
RH	ROOF HATCH

GENERAL ROOF NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE BEST QUALITY STANDARDS OF THE TRADE, AND SHALL CONFORM WITH THE LATEST EDITION OF ALL FEDERAL, STATE, AND LOCAL CODES AND STANDARDS. THE SAME ARE MADE A PART OF THESE CONTRACT DOCUMENTS, AS IF REPEATED HEREIN.
2. CONTRACT DOCUMENTS CONSIST OF BOTH THE PROJECT MANUAL AND DRAWINGS, AND BOTH ARE INTENDED TO BE COMPLEMENTARY. ANYTHING APPEARING ON EITHER MUST BE EXECUTED THE SAME AS IF SHOWN ON BOTH.
3. CONSTRUCTION DOCUMENTS SHALL BE FOLLOWED AS CLOSELY AS POSSIBLE, HOWEVER, SYSTEMS HAVE BEEN SHOWN DIAGRAMMATICALLY AND IN SOME CASES, ENLARGED FOR CLARITY. PROVIDE ADDITIONAL ITEMS AS REQUIRED TO PROVIDE A COMPLETE AND COORDINATED SYSTEM.
4. CONTRACTOR SHALL PROVIDE ANY AND ALL TEMPORARY UTILITY SERVICE REQUIRED TO CONSTRUCT THE WORK. CONTRACTOR MAY EXTEND SERVICES FROM EXISTING LOCATIONS TO WHERE THEY ARE REQUIRED. REMOVE TEMPORARY UTILITIES AND RELATED EXTENSIONS AS SOON AS PRACTICABLE. RESTORE ALL AFFECTED AREAS TO ORIGINAL CONDITION.
5. CONTRACTOR SHALL REMOVE CONSTRUCTION DEBRIS FROM THE BUILDING AND ROOF DAILY.
6. STORE VOLATILE OR FLAMMABLE LIQUIDS IN UL LISTED FIRE CABINETS.
7. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SECURITY OF ALL STORED MATERIALS AND EQUIPMENT INSIDE OR OUTSIDE THE BUILDING.
8. CONTRACTOR SHALL FURNISH NECESSARY TEMPORARY PROTECTION FROM WEATHER TO PROTECT INTERIOR OF BUILDING FROM ELEMENTS OF WEATHER AT ALL TIMES.
9. CONTRACTOR RESPONSIBLE FOR TRAFFIC PROTECTION DURING CONSTRUCTION. AREAS OF WORK SUBJECTED TO TRAFFIC BY VARIOUS TRADES SHALL BE PROTECTED BY TEMPORARY WALK PADS.
10. PROVIDE TREATED WOOD BLOCKING EQUAL IN THICKNESS TO INSULATION SYSTEM AT ROOF PERIMETER AND AROUND ALL ROOF PENETRATIONS. ANCHOR PER SECTION 1/49 OF THE FM GLOBAL LOSS PREVENTION GUIDE.
11. EXTEND ALL PLUMBING VENTS TO PROVIDE A MIN. OF 12" OF HEIGHT FROM TOP OF INSULATION. ALL FITTINGS TO BE AIR AND WATER TIGHT. SEE PLUMBING PLANS FOR LOCATIONS.
12. ROOF INSULATION SADDLES AND CRICKETS ARE DIAGRAMMATIC. ROOF INSULATION MANUFACTURER SHALL DESIGN AND SIZE THESE PER THE ROOF MEMBRANE MANUFACTURERS RECOMMENDATIONS. CRICKETS AND SADDLES SHOULD HAVE A MINIMUM OF TWO TIMES THE SLOPE OF THE PRIMARY TAPERED SYSTEM OR STRUCTURAL SLOPE. THE RATIO OF A CRICKET'S WIDTH TO LENGTH SHOULD BE NO LESS THAN 1 TO 3.
13. PROVIDE SADDLES/CRICKETS AROUND ALL NEW ROOF TOP EQUIPMENT. SEE MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR LOCATIONS OF ALL ROOF PENETRATIONS.
14. PROVIDE TAPERED INSULATION WHERE REQUIRED TO TRANSITION FROM ONE INSULATION HEIGHT TO ANOTHER.
15. NOTCH ALL INSULATION AS REQUIRED TO ACCOMMODATE SURFACE MOUNTED CONDUIT, FASTENERS, OFFSETS AND OTHER PROJECTIONS EXTENDING ABOVE THE SURFACE OF THE DECK.
16. PERIMETER EDGE METAL TO COMPLY WITH ANSI/SPRI ES-1 FM GLOBAL 1-49.
17. SEE MECHANICAL, ELECTRICAL AND PLUMBING (MEP) SHEETS FOR ROOF TOP EQUIPMENT.
18. INSPECT ALL WOOD BLOCKING SCHEDULED TO REMAIN. NOTIFY ARCHITECT OF ANY DETERIORATED BLOCKING NEEDING REPLACEMENT. CONTRACTOR TO REPLACE AND DAMAGED BLOCKING ON A TIME AND MATERIAL BASIS, SEE SPECIFICATIONS.
19. ALL ROOF DETAIL DRAWINGS CONTAINED IN THIS SET ARE DIAGRAMMATIC. ADJUST ROOF DETAILS BASED ON SPECIFIC ROOFING SYSTEM SELECTED ACCORDING TO MANUFACTURER'S WRITTEN SPECIFICATIONS AND APPROVED DETAIL DRAWINGS. ALL ASSEMBLY COMPLICATIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
20. THE ROOF CONTRACTOR SHALL PROTECT ALL ROOF DRAINS, GUTTERS AND DOWNSPOUTS FROM DEBRIS CREATED DURING CONSTRUCTION. THE ROOF CONTRACTOR SHALL CLEAR ALL DRAINS, GUTTERS AND DOWNSPOUTS PRIOR TO COMPLETION OF WORK AND TO ENSURE THAT THEY ARE FREE OF DEBRIS AND FUNCTIONING PROPERLY.
21. MECHANICAL, ELECTRICAL AND PLUMBING INFORMATION SHOWN ON THIS PLAN IS GENERAL IN NATURE. REFER TO P, M AND E DRAWINGS FOR FURTHER INFORMATION AND COORDINATE ALL REQUIRED ROOF OPENINGS OR ROOF MOUNTED EQUIPMENT.

ROOF PLAN NOTES

1 ROOF EXPANSION JOINT LOCATION, SEE 07 95 13.16
2 LOADING DOOK CANOPY ROOF, WITH GUTTERS AND DOWNSPOUTS, SEE 10 53 20 00
3 ELEVATOR HOISTWAY ABOVE ROOF DECK, PROVIDE ROOF MEMBRANE AND 4" OF INSULATION ON ALL SIDES
4 ROOF LADDER, FOR ATTACHMENT AT STEEL STUDS, SEE DETAIL 3/A442, SEE 05 50 00
5 ROOF SCREEN, SEE 10 82 00
6 ROOF WALK PAD, 07 54 19
7 GUTTER, 07 71 00
8 54"x30" - THERMALLY BROKEN ROOF ACCESS HATCH, SEE 07 72 00
9 SMOKE VENT, SEE 07 72 00

STORAGE BUILDING ROOF PLAN DETAILS

NOTE: IBC 2012 CODE REQUIREMENTS

ATTIC AREA = 1000 S.F.
(NO DRAFTSTOPPING REQUIRED)

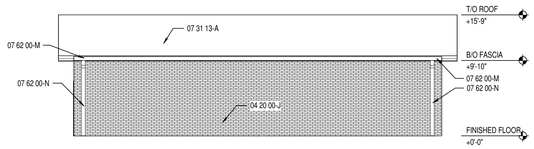
VENTILATION REQUIREMENT: 1/150 = 6.67 S.F.
(50% LOW 50% HIGH)
3.33 S.F. LOW - USE HALF VENTED SOFFIT PANEL AT 6% FREE AREA
0.06 X 192 S.F. = 11.52 S.F.
3.33 S.F. HIGH - USE RIDGE VENT = 1 FT. LENGTH = 20 SQ.IN. FREE VENT AREA
24" VENT LENGTH X 20 SQ.IN. = 3.33 S.F.
EXCEEDS REQUIREMENT

ATTIC ACCESS REQ'D: NOT REQ'D

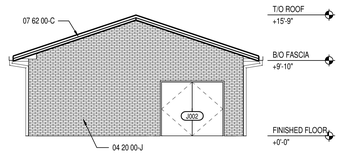
4:12 SHINGLE ROOF:
1 LAYER UNDERLAYMENT REQUIRED

GENERAL NOTES

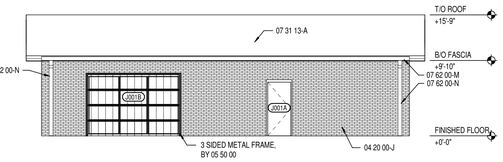
A. COORDINATE THE WORK OF EACH TRADE WITH THE WORK OF OTHER TRADES.
B. ALL WORK IS TO BE COMPLETED IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, RULES, REGULATIONS AND STANDARDS INCLUDING, BUT NOT LIMITED TO THOSE LISTED ON THE COVER SHEET. ALL APPLICABLE RULES & REGULATIONS ARE TO BE THE MOST CURRENT ADOPTED EDITIONS.
C. FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO THE COMMENCEMENT OF WORK. DISCREPANCIES BETWEEN THE DOCUMENTS AND THE ACTUAL CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE COMMENCEMENT OF WORK.
D. ALL DIMENSIONS ARE FROM CENTERLINE OF STRUCTURE, FINISH FACE OF WALL, FACE OF MASONRY, OR FACE OF EXISTING.
E. ANY DIMENSIONS NOT SHOWN OR DEEMED QUESTIONABLE ARE TO BE VERIFIED BY ARCHITECT. DO NOT SCALE DRAWINGS.
F. REFER TO WALL TYPE SCHEDULE, SHEET A200, TO DETERMINE WHICH WALLS EXTEND TO DECK. SEE STRUCTURAL FOR TOP SUPPORT DETAIL. WHERE METAL STUDS EXTEND TO DECK, PROVIDE SLIP CONNECTIONS FOR ROOF/ FLOOR DEFLECTION.
G. ALL STEEL STUDS ARE TO BE BRACED ACCORDING TO MANUFACTURER LIMIT HEIGHT (L/240).
H. WHERE INSULATED OR SOUND WALLS EXTEND TO DECK, FILL DECK FLUTES WITH INSULATION/ SOUND ATTENUATION.
I. REFER TO PLUMBING PLANS FOR LOCATION OF FLOOR DRAINS.
J. WHERE ACCESS PANELS ARE SHOWN IN TOILET ROOM CHASES, FINAL LOCATION SHALL BE COORDINATED WITH OTHER TRADES PRIOR TO INSTALLATION.
K. ALL CONCRETE MASONRY UNITS (CMU) SHALL BE LAID RUNNING BOND U.N.O. CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.
L. ALL INTERIOR MASONRY WALLS THAT RUN TO UNDERSIDE OF DECK ABOVE SHALL HAVE A 2" JOINT (U.N.O.) AT THE DECK TO BE FILLED WITH FIRE STOPPING AT RATED WALLS PER PROJECT MANUAL, AND MINERAL WOOL AT THE NON-RATED WALLS TO ALLOW FOR DEFLECTION.
M. THERE SHALL BE PERIMETER INSULATION CONTINUOUS AROUND THE ENTIRE PERIMETER OF THE BUILDING EXTENDING 2'-0" MINIMUM (R-15 MIN.) HORIZONTAL.
N. PROVIDE MISCELLANEOUS SUPPORT FOR ALL CEILING SUSPENDED ITEMS.
O. DOOR AND FRAME NUMBERS CORRESPOND TO ROOM NUMBERS. WHERE MORE THAN ONE DOOR OCCURS IN A ROOM, A SUFFIX HAS BEEN ADDED (E.G. A100-1). SEE A500 SERIES DRAWINGS FOR DOOR SCHEDULE AND DETAILS.
P. ALL DOOR FRAMES SHALL BE LOCATED 4" OFF FINISH WALLS OR 4" OFF MASONRY WALLS UNLESS NOTED OTHERWISE.
Q. ALL GLASS AT INTERIOR DOOR FRAMES, DOOR LITES AND BORROW LITE FRAMES AS SHOWN ON THE DOOR SCHEDULE AND OR FRAME ELEVATIONS, SEE GLAZING SCHEDULE A500 SERIES DWGS.
R. AT BUILDING EXPANSION JOINTS, ALL PARTITIONS, CEILINGS, FLOORS AND ALL WALL, FLOOR OR CEILING MOUNTED ITEMS SHALL BE ANCHORED TO THE BUILDING STRUCTURE ON ONLY ONE SIDE OF THE EXPANSIONS JOINTS. CONTRACTOR SHALL COORDINATE CONSTRUCTION OR INSTALLATION OF ALL ITEMS NOTED TO ASSURE THAT NO SUCH ITEMS BRIDGE ACCROSS THE EXPANSION JOINT.
S. ALL SLAB-ON-GRADE CONTROL JOINTS TO BE CLEANED AND CAULKED PRIOR TO PLACEMENT OF FLOOR FINISH.
T. SEE REFLECTED CEILING PLANS FOR BULKHEAD LOCATIONS AND DETAILS.
U. REFER TO MECHANICAL DRAWINGS FOR WALL LOUVER LOCATIONS, SIZES AND QUANTITIES.
V. SEE A800 SERIES DRAWINGS FOR FINISH SCHEDULE AND PLANS.
W. SEE A900 SERIES DRAWINGS FOR EQUIPMENT SCHEDULE AND PLANS. PROVIDE BLOCKING IN STUD WALLS AND/OR GROUTED MASONRY CORES AS REQUIRED TO SUPPORT EQUIPMENT.
X. PROVIDE FIRE RESISTANT TREATED WOOD BLOCKING SUPPORTS AS REQUIRED FOR ALL SURFACE MOUNTED ITEMS.
Y. WHERE DISIMILAR FLOOR MATERIALS MEET, THEY SHALL DO SO UNDER THE CENTERLINE OF THE DOOR UNLESS NOTED OTHERWISE.
Z. APPLY SEALANT AT ALL JUNCTURES BETWEEN DIFFERENT MATERIALS (E.G. MASONRY TO GYPSUM WALL BOARD) UTILIZING THE APPROPRIATE TYPE PER SPECIFICATIONS. COLOR TO BE SELECTED BY ARCHITECT.
AA. APPLY SEALANT AT ALL COUNTERTOPS AND BLACKSPLASHES AT JUNCTURE WITH WALL.
BB. ALL DOORS MUST BE INSTALLED WITH AT LEAST THE MINIMUM MANEUVERING CLEARANCE AT THE DOOR APPROACH PER THE MOST CURRENT AMERICANS WITH DISABILITIES ACT.
CC. BASE FLOOR ELEVATION INDICATED FOR THIS PROJECT IS 924'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.



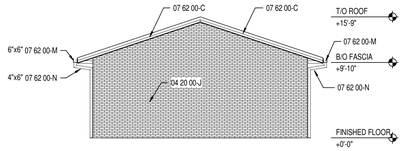
7 A330 STORAGE BUILDING - WEST ELEVATION
SCALE: 1/8" = 1'-0"



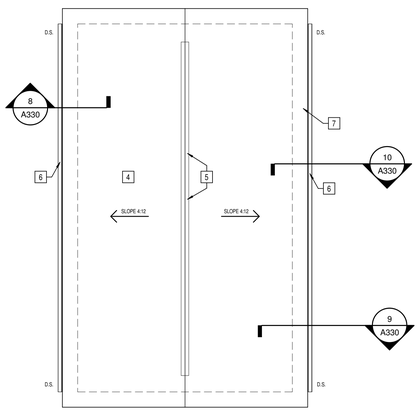
6 A330 STORAGE BUILDING - NORTH ELEVATION
SCALE: 1/8" = 1'-0"



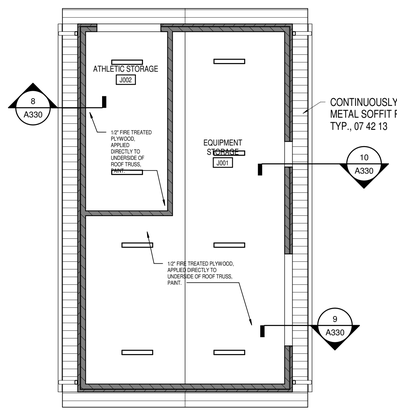
5 A330 STORAGE BUILDING - EAST ELEVATION
SCALE: 1/8" = 1'-0"



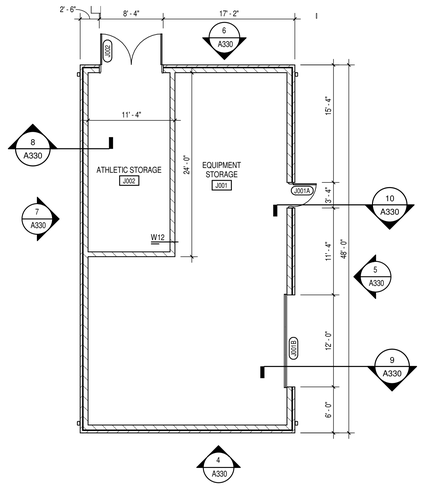
4 A330 STORAGE BUILDING - SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



3 A330 STORAGE BUILDING ROOF PLAN
SCALE: 1/8" = 1'-0"



2 A330 STORAGE BUILDING CEILING PLAN
SCALE: 1/8" = 1'-0"



1 A330 STORAGE BUILDING FLOOR PLAN
SCALE: 1/8" = 1'-0"

WALL TYPE NOTES

1. SEE SPECIFICATIONS FOR GYPSUM WALL BOARD TYPE FOR EACH APPLICATION.
2. FOR METAL STUD CONSTRUCTION AT CONVENTIONAL FRAMING, EXTEND METAL STUDS TO BOTTOM OF METAL DECK AND GYPSUM WALL BOARD TO 1" BELOW METAL DECK.
3. METAL STUD WALLS WITH A " * " SYMBOL FOLLOWING THE WALL TYPE SHALL HAVE FULL THICKNESS SOUND ATTENUATION BLANKETS.
4. PROVIDE MOLD & MILDEW RESISTANT GYPSUM WALL BOARD AT EXTERIOR WALL LOCATIONS AND AT ALL WET AREA WALLS NOT RECEIVING WALL TILE.
5. PROVIDE GLASS-MAT WATER RESISTANT BACKER BOARD IN LIEU OF GYPSUM WALL BOARD WHERE WALL TILE IS SPECIFIED. SEE A800 SERIES FINISH PLANS FOR LOCATIONS AND HEIGHTS. IF WALL TILE HEIGHT IS NOT FULL HEIGHT A.F.F., PROVIDE MOLD & MILDEW RESISTANT GYPSUM WALL BOARD ABOVE TOP OF WALL TILE HEIGHT.
6. WALL TYPES ARE ASSUMED TO BE CONTINUOUS WITHIN THE SAME PLANE OR SURFACE UNTIL ANOTHER TAG IS SHOWN.
7. IF A MASONRY WALL TYPE SYMBOL IS FOLLOWED BY A "+" SYMBOL, THEN THE MASONRY WALL SHOULD HAVE HORIZONTAL JOINT REINFORCEMENT @ 16" VERTICALLY, AND GROUT FILL ALL CORES COMPLETELY, SEE DETAILS 1-6 ON THIS SHEET FOR TOP OF WALL CONDITIONS. PROVIDE APPROPRIATE DETAIL AS REQUIRED TO ENSURE INSULATION.
8. PROVIDE IMPACT RESISTANT GYPSUM WALL BOARD FROM BOTTOM OF FLOOR UP TO A MINIMUM OF 8'-0" IN ALL CORRIDORS, COMMONS, APPLIED ACADEMICS LABS, LIFE SKILLS LABS, AND SENSORY ROOMS, UNLESS SPECIFICALLY NOTED OTHERWISE.

KEYNOTE LEGEND

03 30 00-A	WATERSTOP
03 30 00-B	CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL
03 30 00-C	CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL
03 30 00-D	CONCRETE FOUNDATION- SEE STRUCTURAL
03 30 00-E	CONCRETE FOOTING- SEE STRUCTURAL
03 30 00-F	1/2" EXPANSION MATERIAL
04 20 00-A	GROUT CORE SOLID
04 20 00-B	MASONRY TIE
04 20 00-C	CELL WEEP VENTS @ 16" O.C.
04 20 00-D	ADJUSTIBLE MASONRY VENEER ANCHOR AT 16" O.C. VERTICALLY
04 20 00-F	METAL FLASHING
04 20 00-G	THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE
04 20 00-H	CAVITY DRAINAGE MATERIAL
04 20 00-J	BRICK TYPE 1 (WIRE CUT)
04 20 00-K	BRICK TYPE 2 (SMOOTH FACE)
04 20 00-K.1	BRICK TYPE 2 (SOLDIER COURSE) - SEE SIZE ON DRAWING 10/A430
04 20 00-L	4" CONCRETE MASONRY UNIT
04 20 00-M	6" CONCRETE MASONRY UNIT
04 20 00-N	8" CONCRETE MASONRY UNIT
04 20 00-O	10" CONCRETE MASONRY UNIT
04 20 00-P	12" CONCRETE MASONRY UNIT
04 20 00-Q	BULLNOSE UNIT
04 20 00-R	BOND BEAM MASONRY UNIT
04 20 00-S	DECORATIVE CMU (GROUND FACE)
04 20 00-T	ACOUSTICAL BLOCK
04 20 00-U	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, SMOOTH)
04 20 00-V	CALCIUM SILICATE MASONRY UNIT (LARGE FORMAT, SMOOTH)
04 20 00-W	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, ROUGH)
04 20 00-X	4" GROUND FACE CONCRETE MASONRY UNIT
04 72 00-A	CAST STONE SILL - SEE SIZE ON DRAWING 10/A430
04 72 00-B	CAST STONE
05 12 00-A	STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL
05 12 00-B	STEEL ANGLE- SEE STRUCTURAL
05 12 00-C	STEEL BENT PLATE- SEE STRUCTURAL
05 12 00-D	STEEL BEAM- SEE STRUCTURAL
05 12 00-E	STEEL COLUMN - SEE STRUCTURAL
05 12 00-F	STEEL PLATE - SEE STRUCTURAL
05 21 00-A	STEEL JOIST- SEE STRUCTURAL
05 31 00-A	METAL ROOF DECKING- SEE STRUCTURAL
05 31 00-B	METAL FLOOR DECKING- SEE STRUCTURAL
05 40 00-A	6" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-B	2 1/2" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-C	3 5/8" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-D	6"x6" 10 GA. COLD FORMED STEEL ANGLE, CUT TO FIT. ATTACH JAMB TO HEAD
05 40 00-F	CLIP ANGLE
05 40 00-J	3" 16GA. GALVANIZED Z-BAR SUB GIRTS
05 40 00-L	7/8" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 40 00-M	1 1/2" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 50 00-A	MISCELLANEOUS STEEL - SEE STRUCTURAL
05 50 00-B	GALVANIZED STEEL BRICK LINTEL
05 50 00-E	PRE-MANUFACTURED ALUMINUM ACCESS LADDER
05 50 00-F	ELEVATOR HOIST BEAM- COORDINATE WITH ELEVATOR MANUFACTURER
05 51 00-A	MANUFACTURED STEEL FRAMED STAIR
05 51 00-B	CONCRETE FILLED METAL PAN TREAD AND RISER
05 51 00-C	STAIR METAL STRINGER- CHANNEL
05 51 00-D	STAIR METAL STRINGER - TUBE
05 52 13-E	1-1/4" I.D. PAINTED STEEL PIPE RAILING
05 52 13-F	1-1/4" I.D. PAINTED STEEL PIPE HANDRAIL
05 52 13-G	1-1/4" I.D. PAINTED GALVANIZED STEEL PIPE RAILING
05 52 13-U	1-1/2" O.D. GALVANIZED STEEL PIPE GUARDRAIL
05 73 00-A	DECORATIVE METAL RAILING
05 73 00-B	1-1/4" I.D. COLOR ANODIZED ALUMINUM HANDRAIL
06 10 00-A	SHIM AS REQUIRED
06 10 00-B	2X WOOD BLOCKING
06 16 00-A	3/4" EXTERIOR GRADE PLYWOOD
06 16 00-B	5/8" EXTERIOR GRADE PLYWOOD
06 16 00-C	TWO LAYERS OF 3/4" EXTERIOR GRADE PLYWOOD
06 16 00-D	1/2" EXTERIOR GRADE PLYWOOD
06 16 00-E	5/8" EXTERIOR GYPSUM SHEATHING
06 40 00-A	1 1/2" WOOD TRIM
06 40 00-B	SOLID SURFACE WINDOW STOOL
06 40 00-G	1X HARDWOOD TRIM, STAINED
07 13 26-A	SELF-ADHEREING SHEET WATERPROOFING
07 13 26-B	RIGID INSULATION
07 13 26-C	MOLDED SHEET DRAINAGE PANEL
07 21 00-A	SLAB PERIMETER RIGID INSULATION (R-15 FOR 24")
07 21 00-J	PACK FULL WITH MINERAL WOOL INSULATION
07 21 00-K	3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8)
07 21 00-L	3" THERMALLY ISOLATED COMPOSITE Z-GIRT INSULATION SYSTEM
07 21 00-N	MINERAL WOOL BATT INSULATION
07 27 26-A	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE
07 27 26-B	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE, EXTEND AROUND BLOCK TO UNDER WINDOW / PARAPET
07 31 13-A	ASPHALT SHINGLE ROOF
07 42 13-A	PRE-FINISHED METAL WALL PANEL
07 42 13-B	METAL WALL PANEL
07 42 13-C	METAL WALL PANEL - SOFFIT
07 42 13-E	FLASHING WITH DRIP EDGE
07 42 13-F	EXTRUDED TRIM BY MFR
07 42 13-G	THROUGH WALL FLASHING WITH PERFORMED METAL DRIP EDGE
07 54 19-A	POLYVINYL-CHLORIDE (PVC) MEMBRANE ROOFING SYSTEM
07 54 19-B	1/2" COVER BOARD
07 54 19-C	TAPERED POLYISO INSULATION BOARD
07 54 19-D	2 LAYERS OF 2" POLYISO INSULATION BOARD (TOTAL R-VALUE = 22.8)
07 54 19-E	MEMBRANE ROOFING-EXTEND OVER & ATTACH TO FRONT FACE OF PARAPET
07 54 19-F	1 1/2" POLYISO INSULATION BOARD
07 54 19-G	TERMINATION BAR, SET IN WATER CUT OFF MASTIC.
07 62 00-C	FASCIA CLADDING
07 62 00-J	DRIP EDGE
07 62 00-M	PRE-FINISHED METAL GUTTER
07 62 00-N	PREFINISHED METAL DOWNSPOUT
07 71 00-A	MANUFACTURED COPING
07 71 00-B	MANUFACTURED GRAVEL STOP
07 71 00-C	MANUFACTURED FASCIA CLADDING
07 71 00-D	MANUFACTURED COUNTERFLASHING SYSTEM
07 71 00-E	MANUFACTURED GUTTER
07 71 00-F	MANUFACTURED DOWNSPOUT
07 71 00-H	MANUFACTURED DRIP EDGE
07 71 29-A	MANUFACTURED ROOF EXPANSION JOINT ASSEMBLY
07 71 29-B	MANUFACTURED ROOF TO WALL EXPANSION JOINT ASSEMBLY
07 84 13-A	PENETRATION FIRESTOPPING
07 92 00-A	SEALANT
07 92 00-B	SEALANT EACH SIDE, TYPICAL
07 95 13.13-A	INTERIOR EXPANSION JOINT COVER ASSEMBLY
07 95 13.16-A	EXTERIOR EXPANSION JOINT COVER ASSEMBLY
08 11 13-A	HOLLOW METAL DOOR/BORROWED LIGHT FRAME
08 11 13-B	HOLLOW METAL DOOR
08 14 16-A	FLUSH WOOD DOOR
08 33 13-A	OVERHEAD COILING COUNTER DOOR
08 33 13-B	OVERHEAD COILING COUNTER GRILLE
08 33 13-C	INSULATED COILING COUNTER DOOR
08 33 13-E	GUIDE
08 33 23-A	OVERHEAD COILING DOOR
08 33 23-J	BREAK METAL TO MATCH DOOR GUIDE FINISH
08 33 23-K	OVERHEAD COILING DOOR WITH INTEGRATED PASS DOOR
08 41 13-A	4 1/2" ALUMINUM-FRAMED STOREFRONT
08 41 13-B	WIDE STYLE ALUMINUM ENTRANCE DOOR
08 41 13-C	ALUMINUM BRAKE METAL TO MATCH STOREFRONT FRAME
08 44 13-A	7 1/2" DEEP ALUMINUM CURTAINWALL SYSTEM
08 44 13-C	CURTAINWALL ATTACHMENT MEMBER. ALLOW FOR THERMAL MOVEMENT
08 44 13-D	ALUMINUM BREAKMETAL TO MATCH CURTAINWALL FRAME
08 44 13-F	10" DEEP ALUMINUM CURTAINWALL SYSTEM
08 80 00-A	GLAZING - SEE SCHEDULE/ELEVATIONS
08 80 00-B	SPANDREL PANEL - SEE SCHEDULE/ELEVATIONS
08 91 19-A	FIXED LOUVER
09 22 16-D	7/8" FURRING CHANNEL
09 22 16-G	2 1/2" STEEL STUD
09 22 16-H	3 5/8" STEEL STUD
09 22 16-K	6" STEEL STUD
09 29 00-B	5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE)
09 29 00-D	SOUND ATTENUATION INSULATION
09 29 00-E	SUSPENDED GYPSUM BOARD CEILING ASSEMBLY
09 51 13-A	ACOUSTICAL CEILING SUSPENSION ASSEMBLY
09 51 13-C	SUSPENDED CEILING METAL EDGE TRIM
09 82 00-A	SOUND DIFFUSIVE WOOD UNITS
10 14 23-A	PANEL SIGNAGE
10 82 00-A	ROOF AND WALL SCREENS
12 24 13	ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE
14 24 00-D	PIT LADDER
31 20 00-C	DRAINING GRANULAR FILL
32 13 16-A	SIDEWALK- SEE LANDSCAPE SHEETS
32 31 13-A	CHAIN-LINK FENCE- SEE LANDSCAPE SHEETS
32 31 19-A	ORNAMENTAL FENCE- SEE LANDSCAPE SHEETS

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. The Contract Documents are intended to describe all work required for full performance and completion of the requirements of the Contract.
The Trade Contractor shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

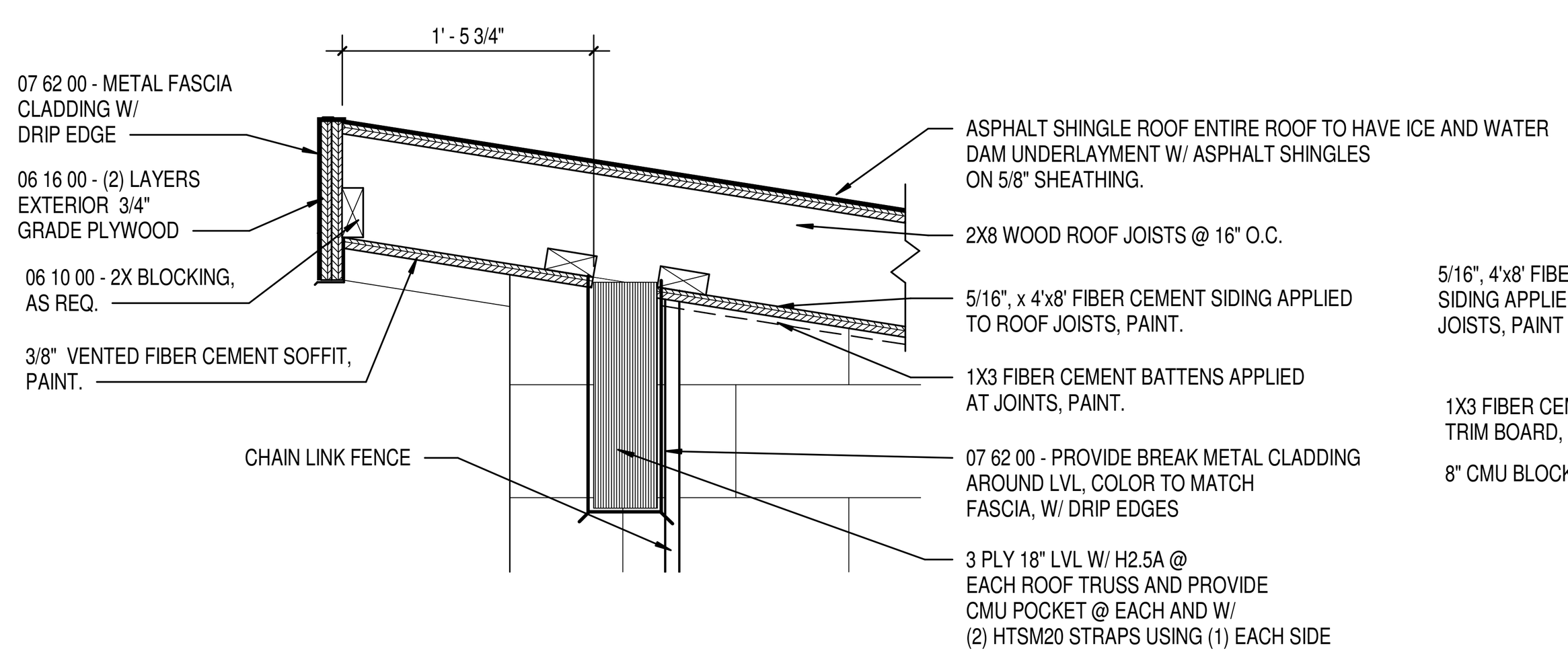
DRAWING TITLE:
STORAGE BUILDING PLANS AND ELEVATIONS

CERTIFIED BY:
BRENT C. HIE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

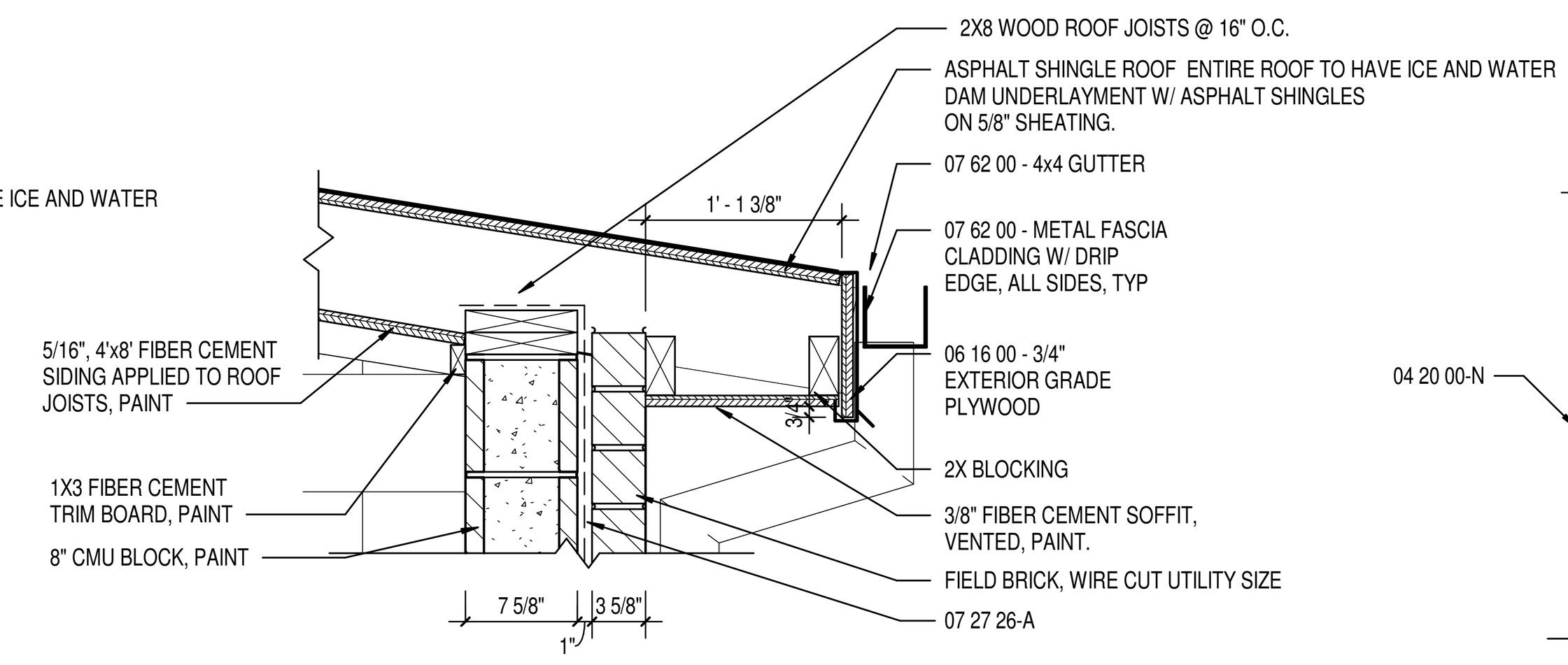
DRAWING NUMBER
A330

PROJECT NUMBER
2023061

4 INDIVIDUAL DUGOUT BUILDING TO BE CONSTRUCTED, 2 FOR THE BASEBALL FIELD AND 2 FOR THE SOFTBALL FIELD.
SEE DRAWINGS L302 AND L303 FOR LOCATIONS AT SOFTBALL AND BASEBALL FIELDS



12 / A332 **DUGOUT SECTION - LEFT**
SCALE: 1" = 1'-0"



13 / A332 **DUGOUT SECTION - RIGHT**
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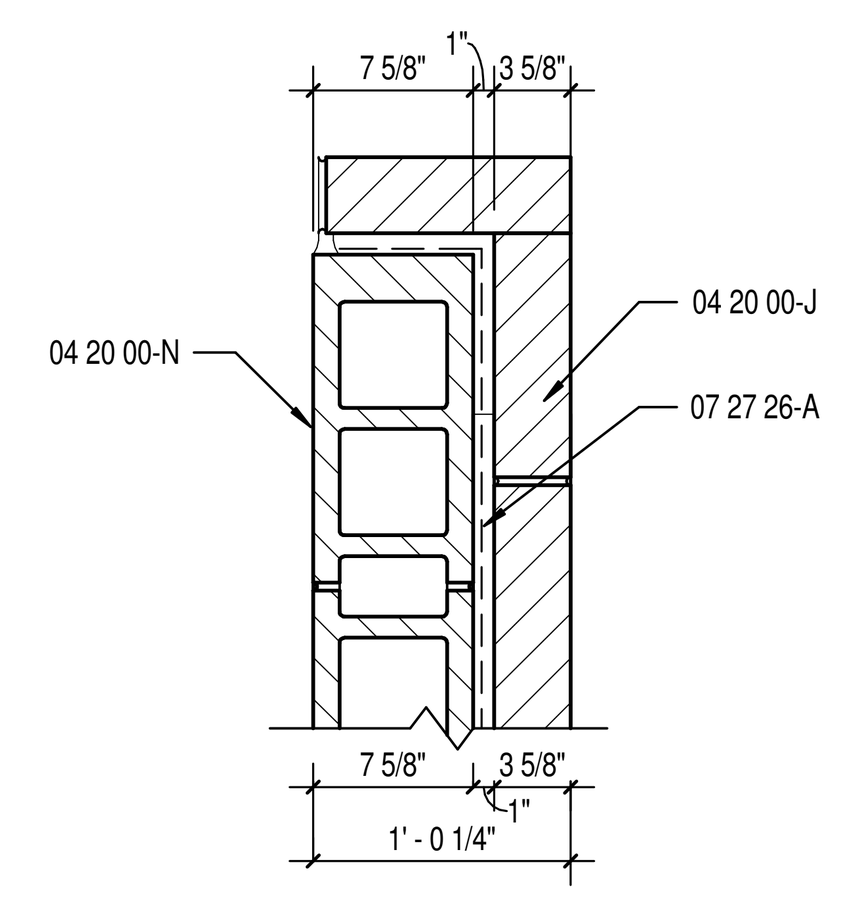
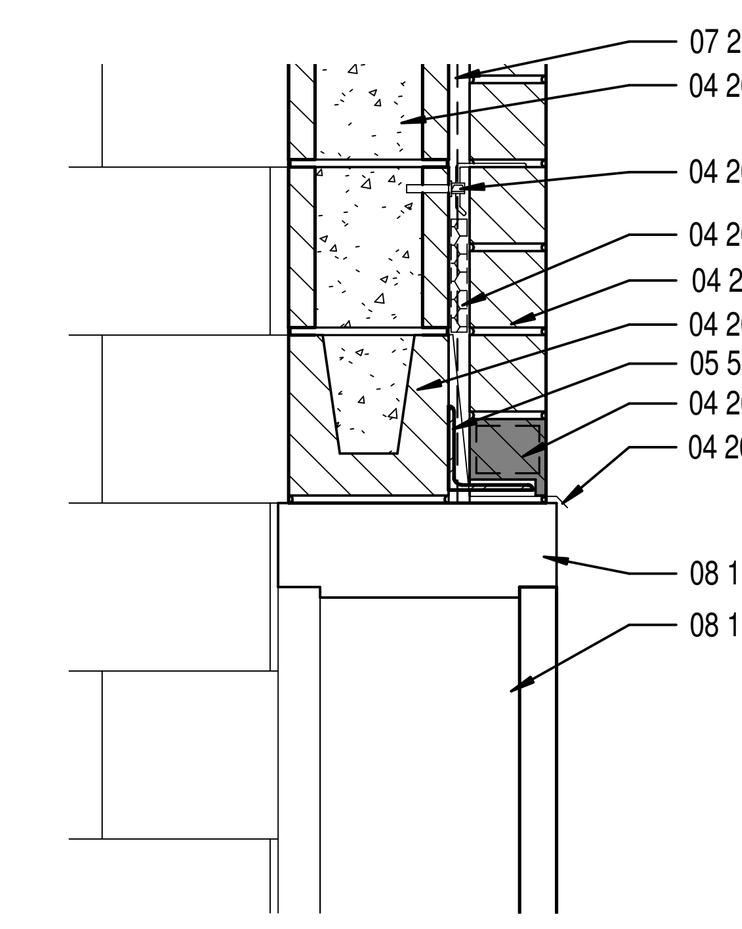
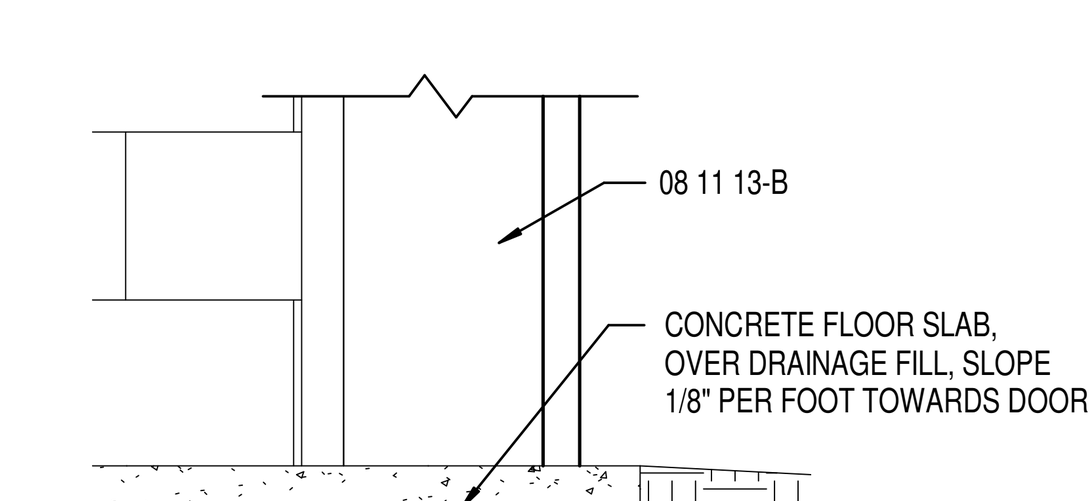


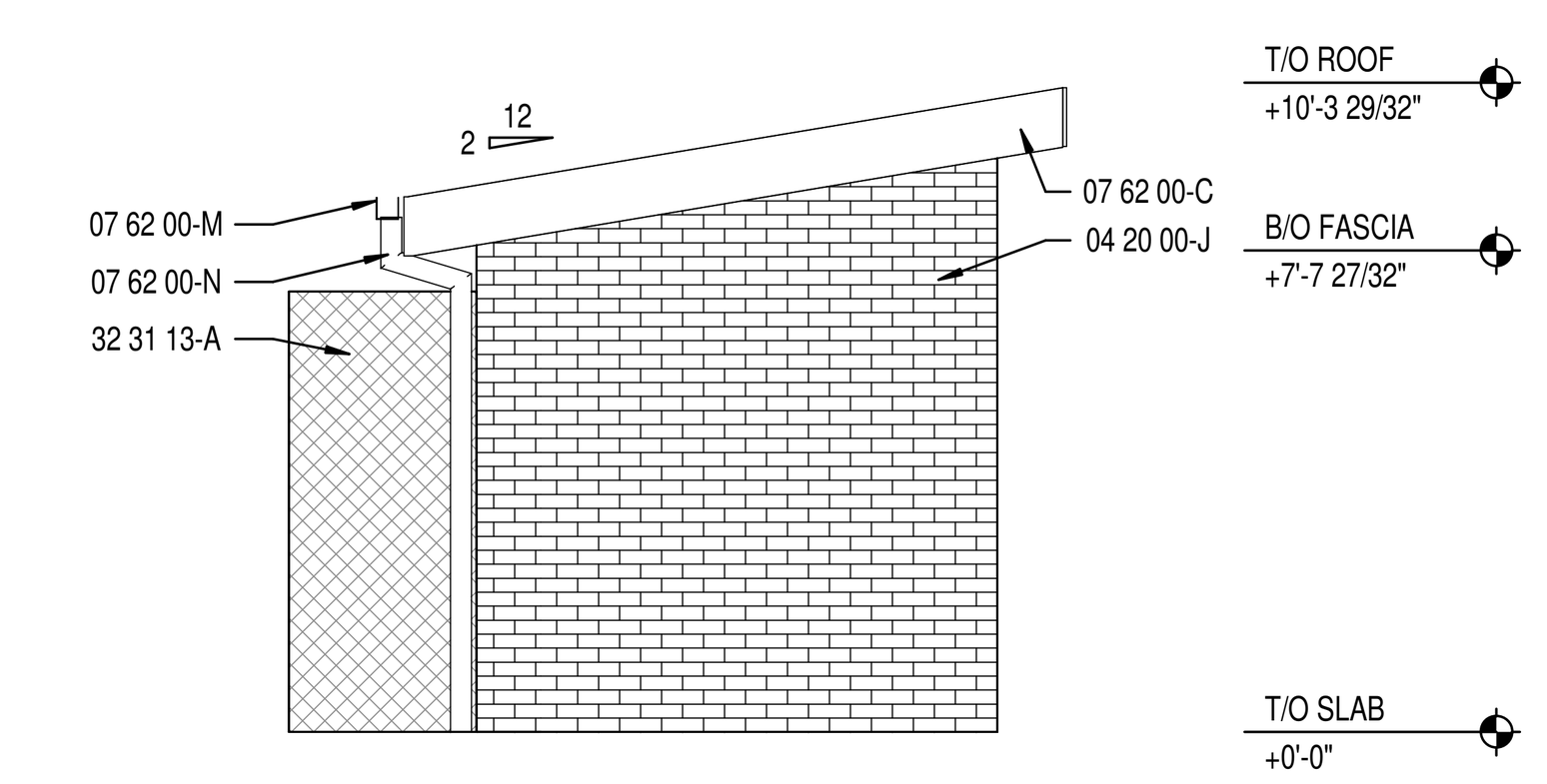
6 / A332 **PLAN DETAIL**
SCALE: 1" = 1'-0"



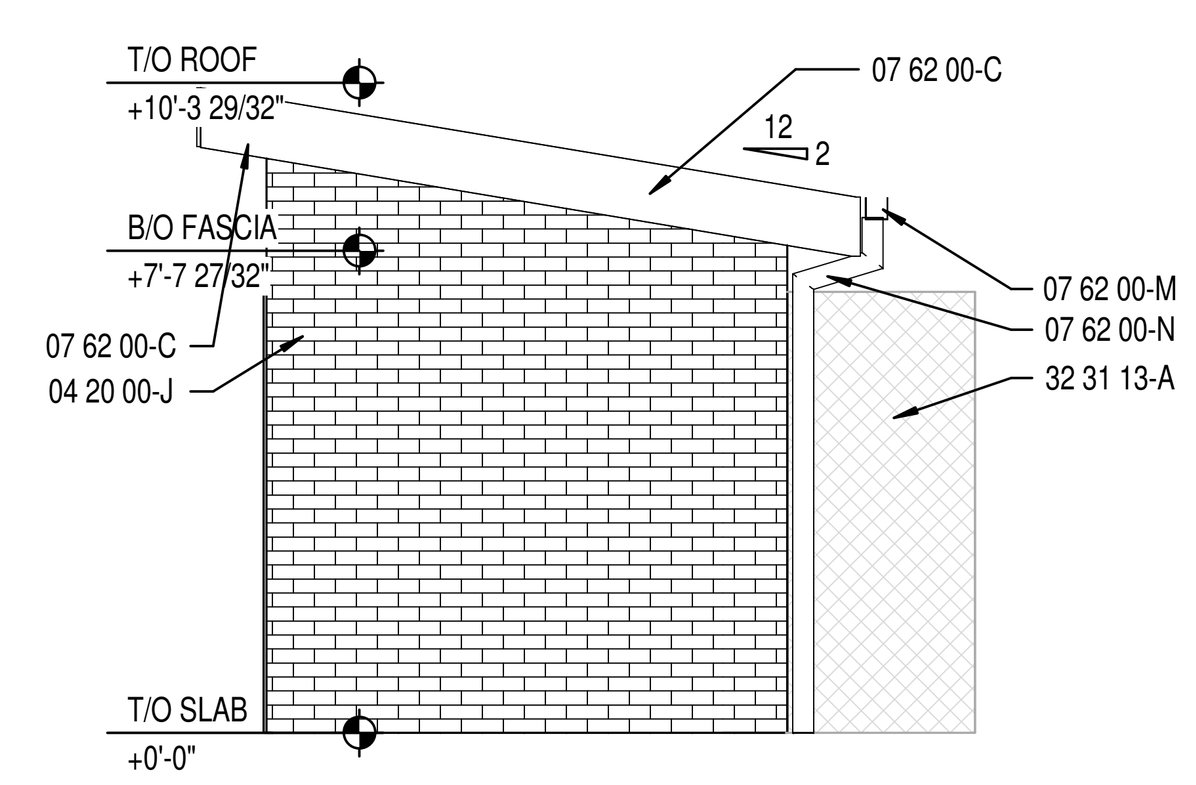
5 / A332 **HEAD DETAIL**
SCALE: 1" = 1'-0"



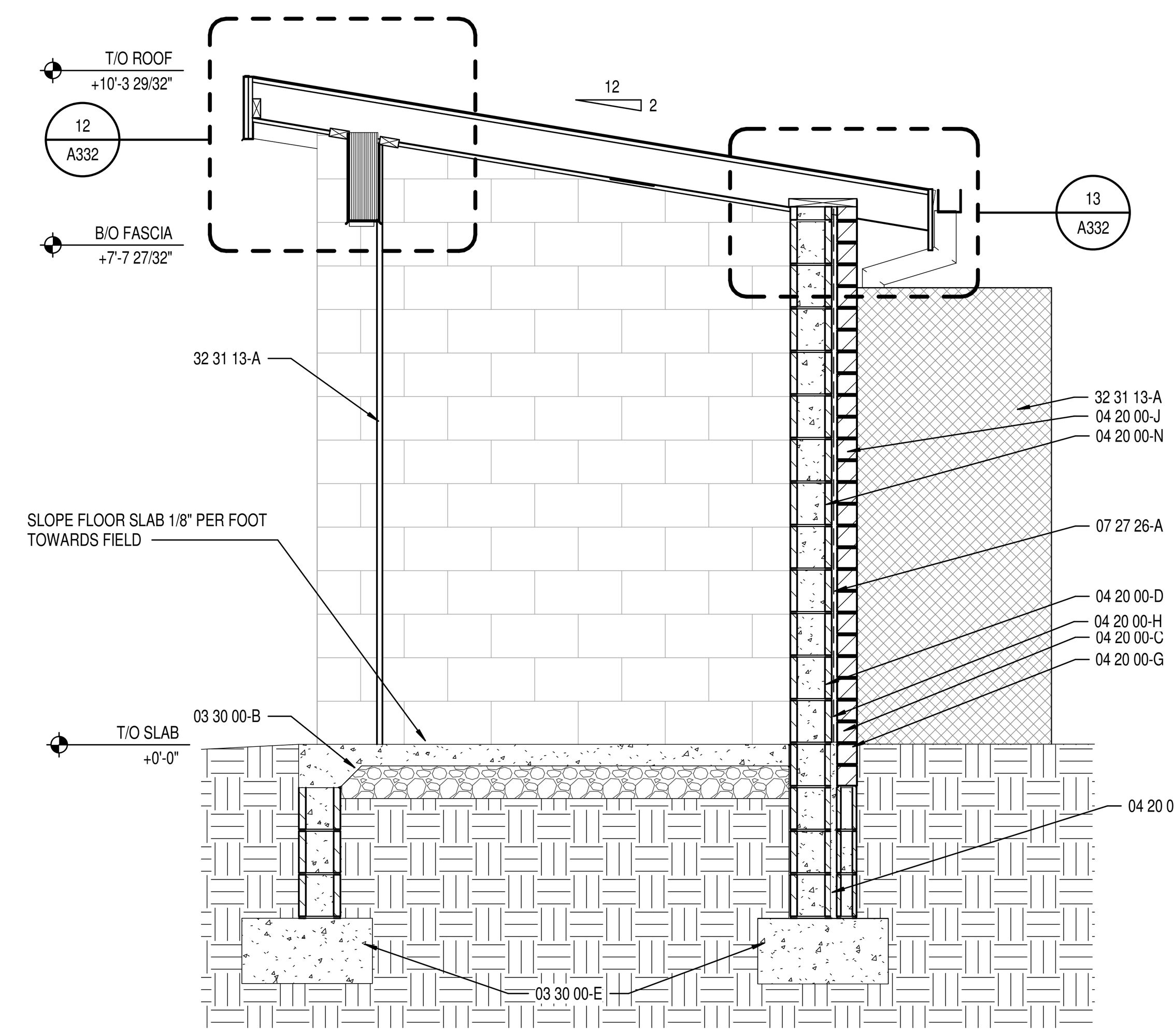
7 / A332 **SILL DETAIL**
SCALE: 1" = 1'-0"



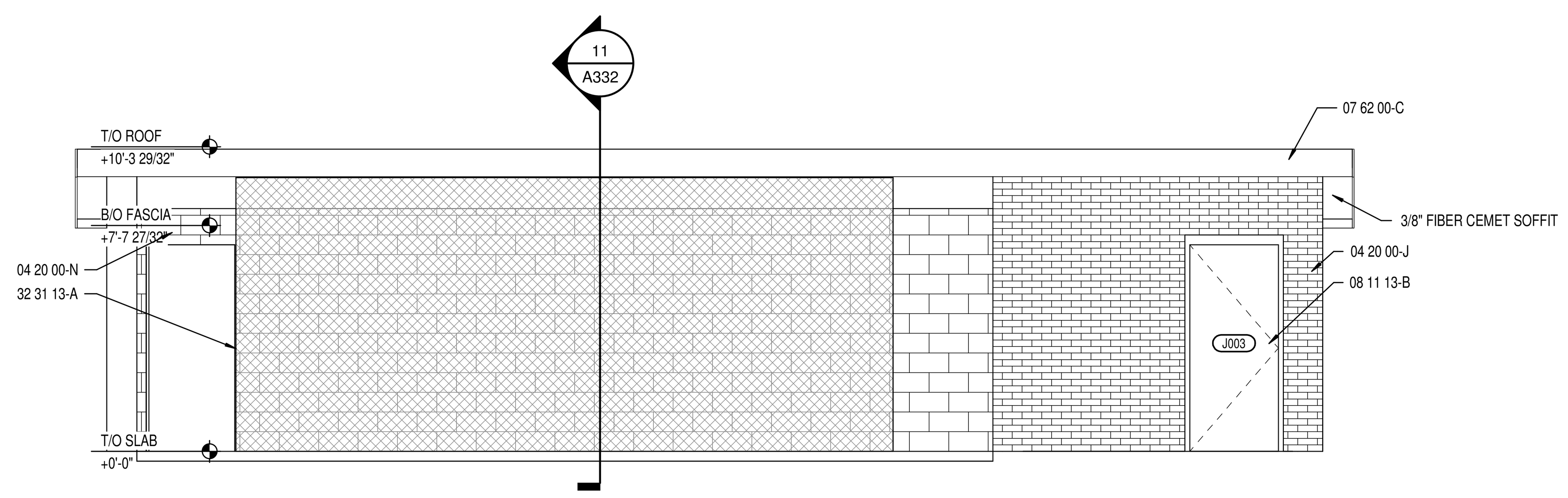
3 / A332 **EAST ELEVATION DUGOUT**
SCALE: 1/4" = 1'-0"



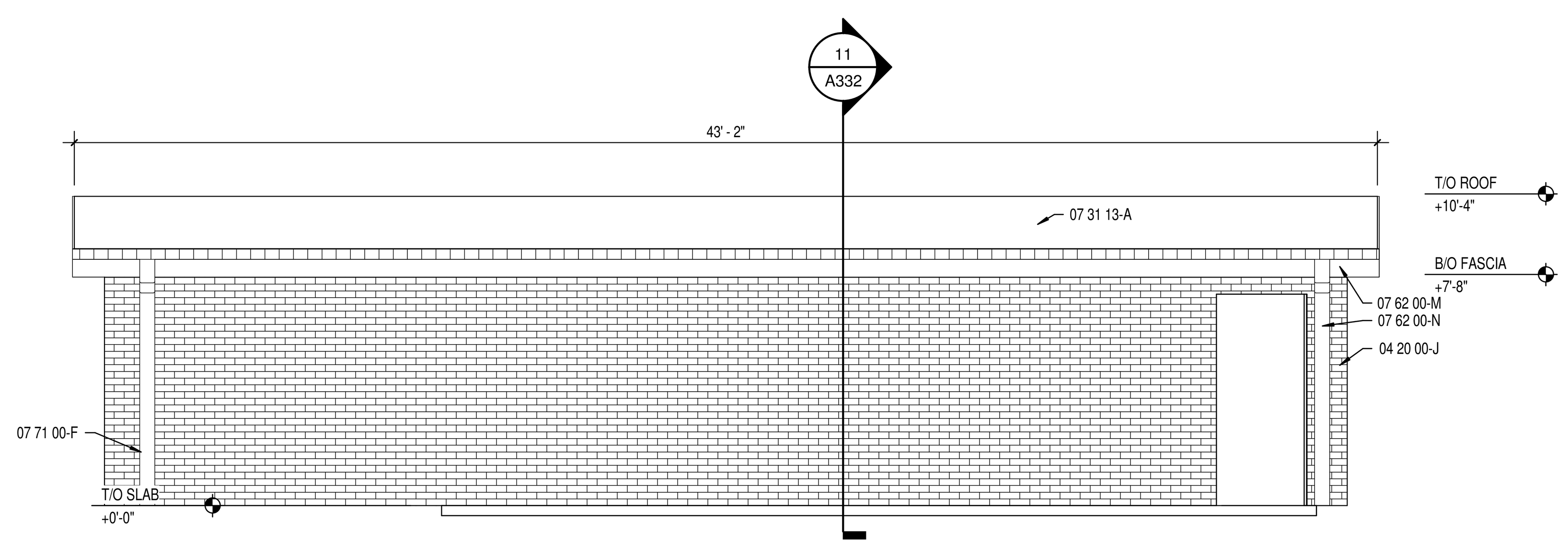
4 / A332 **WEST ELEVATION DUGOUT**
SCALE: 1/4" = 1'-0"



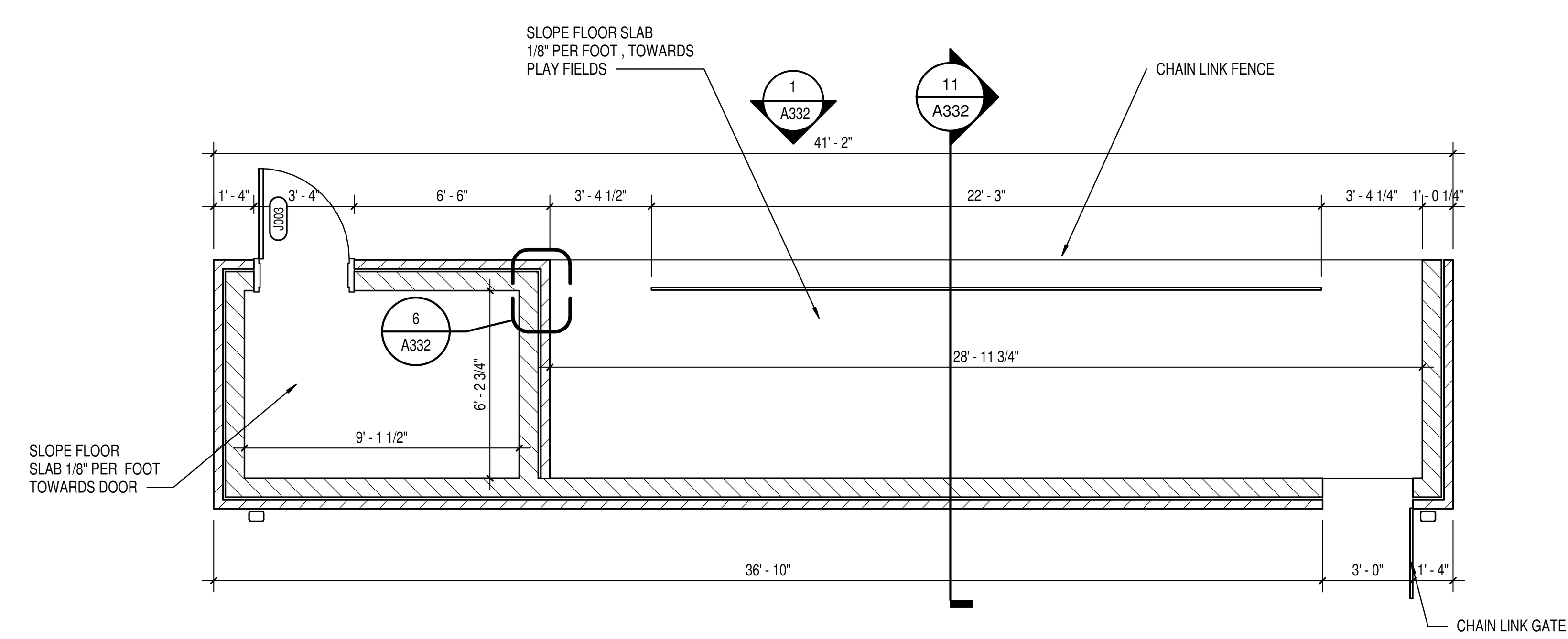
11 / A332 **DUGOUT SECTION**
SCALE: 1/2" = 1'-0"



1 / A332 **NORTH ELEVATION DUGOUT**
SCALE: 1/4" = 1'-0"



2 / A332 **SOUTH ELEVATION DUGOUT**
SCALE: 1/4" = 1'-0"



10 / A332 **GROUND FLOOR PLAN - DUGOUT**
SCALE: 1/4" = 1'-0"

KEYNOTE LEGEND

03 30 00-A	WATERSTOP
03 30 00-B	CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL
03 30 00-C	CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL
03 30 00-D	CONCRETE FOUNDATION- SEE STRUCTURAL
03 30 00-E	CONCRETE FOOTING- SEE STRUCTURAL
03 30 00-F	1/2" EXPANSION MATERIAL
04 20 00-A	GROUT CORE SOLID
04 20 00-B	MASONRY TIE
04 20 00-C	CELL WEEP VENTS @ 16" O.C.
04 20 00-D	ADJUSTIBLE MASONRY VENEER ANCHOR AT 16" O.C. VERTICALLY
04 20 00-F	METAL FLASHING
04 20 00-G	THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE
04 20 00-H	CAVITY DRAINAGE MATERIAL
04 20 00-J	BRICK TYPE 1 (WIRE CUT)
04 20 00-K	BRICK TYPE 2 (SMOOTH FACE)
04 20 00-K.1	BRICK TYPE 2 (SOLDIER COURSE) - SEE SIZE ON DRAWING 10/A430
04 20 00-L	4" CONCRETE MASONRY UNIT
04 20 00-M	6" CONCRETE MASONRY UNIT
04 20 00-N	8" CONCRETE MASONRY UNIT
04 20 00-O	10" CONCRETE MASONRY UNIT
04 20 00-P	12" CONCRETE MASONRY UNIT
04 20 00-Q	BULLNOSE UNIT
04 20 00-R	BOND BEAM MASONRY UNIT
04 20 00-S	DECORATIVE CMU (GROUND FACE)
04 20 00-T	ACOUSTICAL BLOCK
04 20 00-U	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, SMOOTH)
04 20 00-V	CALCIUM SILICATE MASONRY UNIT (LARGE FORMAT, SMOOTH)
04 20 00-W	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, ROUGH)
04 20 00-X	4" GROUND FACE CONCRETE MASONRY UNIT
04 72 00-A	CAST STONE SILL - SEE SIZE ON DRAWING 10/A430
04 72 00-B	CAST STONE
05 12 00-A	STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL
05 12 00-B	STEEL ANGLE- SEE STRUCTURAL
05 12 00-C	STEEL BENT PLATE- SEE STRUCTURAL
05 12 00-D	STEEL BEAM- SEE STRUCTURAL
05 12 00-E	STEEL COLUMN - SEE STRUCTURAL
05 12 00-F	STEEL PLATE - SEE STRUCTURAL
05 21 00-A	STEEL JOIST- SEE STRUCTURAL
05 31 00-A	METAL ROOF DECKING- SEE STRUCTURAL
05 31 00-B	METAL FLOOR DECKING- SEE STRUCTURAL
05 40 00-A	6" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-B	2 1/2" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-C	3 5/8" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-D	6"x6" 10 GA. COLD FORMED STEEL ANGLE, CUT TO FIT. ATTACH JAMB TO HEAD
05 40 00-F	CLIP ANGLE
05 40 00-J	3" 16GA. GALVANIZED Z-BAR SUB GIRTS
05 40 00-L	7/8" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 40 00-M	1 1/2" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 50 00-A	MISCELLANEOUS STEEL - SEE STRUCTURAL
05 50 00-B	GALVANIZED STEEL BRICK LINTEL
05 50 00-E	PRE-MANUFACTURED ALUMINUM ACCESS LADDER
05 50 00-F	ELEVATOR HOIST BEAM- COORDINATE WITH ELEVATOR MANUFACTURER
05 51 00-A	MANUFACTURED STEEL FRAMED STAIR
05 51 00-B	CONCRETE FILLED METAL PAN TREAD AND RISER
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05 52 13-F	1-1/4" I.D. PAINTED STEEL PIPE HANDRAIL
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06 10 00-B	2X WOOD BLOCKING
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06 16 00-B	5/8" EXTERIOR GRADE PLYWOOD
06 16 00-C	TWO LAYERS OF 3/4" EXTERIOR GRADE PLYWOOD
06 16 00-D	1/2" EXTERIOR GRADE PLYWOOD
06 16 00-E	5/8" EXTERIOR GYPSUM SHEATHING
06 40 00-A	1 1/2" WOOD TRIM
06 40 00-B	SOILD SURFACE WINDOW STOOL
06 40 00-G	1X HARDWOOD TRIM, STAINED
07 13 26-A	SELF-ADHEREING SHEET WATERPROOFING
07 13 26-B	RIGID INSULATION
07 13 26-C	MOLDED SHEET DRAINAGE PANEL
07 21 00-A	SLAB PERIMETER RIGID INSULATION (R-15 FOR 24")
07 21 00-J	PACK FULL WITH MINERAL WOOL INSULATION
07 21 00-K	3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8)
07 21 00-L	3" THERMALLY ISOLATED COMPOSITE Z-GIRT INSULATION SYSTEM
07 21 00-N	MINERAL WOOL BATT INSULATION
07 27 26-A	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE
07 27 26-B	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE, EXTEND AROUND BLOCK TO UNDER WINDOW / PARAPET
07 31 13-A	ASPHALT SHINGLE ROOF
07 42 13-A	PRE-FINISHED METAL WALL PANEL
07 42 13-B	METAL WALL PANEL
07 42 13-C	METAL WALL PANEL - SOFFIT
07 42 13-E	FLASHING WITH DRIP EDGE
07 42 13-F	EXTRUDED TRIM BY MFR
07 42 13-G	THROUGH WALL FLASHING WITH PERFORMED METAL DRIP EDGE
07 54 19-A	POLYVINYL-CHLORIDE (PVC) MEMBRANE ROOFING SYSTEM
07 54 19-B	1/2" COVER BOARD
07 54 19-C	TAPERED POLYISO INSULATION BOARD
07 54 19-D	2 LAYERS OF 2" POLYISO INSULATION BOARD (TOTAL R-VALUE = 22.8)
07 54 19-E	MEMBRANE ROOFING-EXTEND OVER & ATTACH TO FRONT FACE OF PARAPET
07 54 19-F	1 1/2" POLYISO INSULATION BOARD
07 54 19-G	TERMINATION BAR, SET IN WATER CUT OFF MASTIC.
07 62 00-C	FASCIA CLADDING
07 62 00-J	DRIP EDGE
07 62 00-M	PRE-FINISHED METAL GUTTER
07 62 00-N	PREFINISHED METAL DOWNSPOUT
07 71 00-A	MANUFACTURED COPING
07 71 00-B	MANUFACTURED GRAVEL STOP
07 71 00-C	MANUFACTURED FASCIA CLADDING
07 71 00-D	MANUFACTURED COUNTERFLASHING SYSTEM
07 71 00-E	MANUFACTURED GUTTER
07 71 00-F	MANUFACTURED DOWNSPOUT
07 71 00-H	MANUFACTURED DRIP EDGE
07 71 29-A	MANUFACTURED ROOF EXPANSION JOINT ASSEMBLY
07 71 29-B	MANUFACTURED ROOF TO WALL EXPANSION JOINT ASSEMBLY
07 84 13-A	PENETRATION FIRESTOPPING
07 92 00-A	SEALANT
07 92 00-B	SEALANT EACH SIDE, TYPICAL
07 95 13.13-A	INTERIOR EXPANSION JOINT COVER ASSEMBLY
07 95 13.16-A	EXTERIOR EXPANSION JOINT COVER ASSEMBLY
08 11 13-A	HOLLOW METAL DOOR/BORROWED LIGHT FRAME
08 11 13-B	HOLLOW METAL DOOR
08 14 16-A	FLUSH WOOD DOOR
08 33 13-A	OVERHEAD COILING COUNTER DOOR
08 33 13-B	OVERHEAD COILING COUNTER GRILLE
08 33 13-C	INSULATED COILING COUNTER DOOR
08 33 13-E	GUIDE
08 33 23-A	OVERHEAD COILING DOOR
08 33 23-J	BREAK METAL TO MATCH DOOR GUIDE FINISH
08 33 23-K	OVERHEAD COILING DOOR WITH INTEGRATED PASS DOOR
08 41 13-A	4 1/2" ALUMINUM-FRAMED STOREFRONT
08 41 13-B	WIDE STYLE ALUMINUM ENTRANCE DOOR
08 41 13-C	ALUMINUM BRAKE METAL TO MATCH STOREFRONT FRAME
08 44 13-A	7 1/2" DEEP ALUMINUM CURTAINWALL SYSTEM
08 44 13-C	CURTAINWALL ATTACHMENT MEMBER, ALLOW FOR THERMAL MOVEMENT
08 44 13-D	ALUMINUM BREAKMETAL TO MATCH CURTAINWALL FRAME
08 44 13-F	10" DEEP ALUMINUM CURTAINWALL SYSTEM
08 80 00-A	GLAZING - SEE SCHEDULE/ELEVATIONS
08 80 00-B	SPANDREL PANEL - SEE SCHEDULE/ELEVATIONS
08 91 19-A	FIXED LOUVER
09 22 16-D	7/8" FURRING CHANNEL
09 22 16-G	2 1/2" STEEL STUD
09 22 16-H	3 5/8" STEEL STUD
09 22 16-K	6" STEEL STUD
09 29 00-B	5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE)
09 29 00-D	SOUND ATTENUATION INSULATION
09 29 00-E	SUSPENDED GYPSUM BOARD CEILING ASSEMBLY
09 51 13-A	ACOUSTICAL CEILING SUSPENSION ASSEMBLY
09 51 13-C	SUSPENDED CEILING METAL EDGE TRIM
09 82 00-A	SOUND DIFFUSIVE WOOD UNITS
10 14 23-A	PANEL SIGNAGE
10 82 00-A	ROOF AND WALL SCREENS
12 24 13	
12 24 13-A	ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE
14 24 00-D	PIT LADDER
31 20 00-C	DRAINING GRANULAR FILL
32 13 16-A	SIDEWALK- SEE LANDSCAPE SHEETS
32 31 13-A	CHAIN-LINK FENCE- SEE LANDSCAPE SHEETS
32 31 19-A	ORNAMENTAL FENCE- SEE LANDSCAPE SHEETS

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

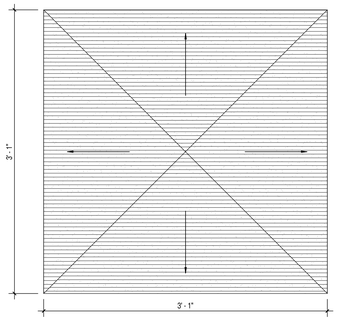
DRAWING TITLE:
DUGOUT PLANS AND ELEVATIONS

CERTIFIED BY:
BRENTON C. HITE REGISTERED No. AR11700184 STATE OF INDIANA ARCHITECT

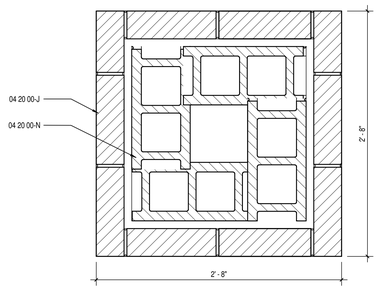
DRAWING NUMBER
A332

PROJECT NUMBER
2023061

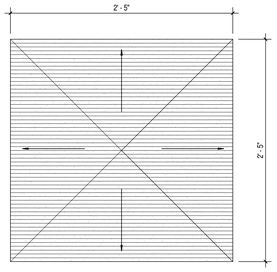
ENTRY GATEWAY TO BE CONSTRUCTED AT BOTH THE NORTH AND SOUTH ENTRANCES TO THE ATHLETIC FIELDS.



5 A333 ENLARGED COLUMN CAP DETAIL
SCALE: 1 1/2" = 1'-0"



6 A333 ENLARGED TALL COLUMN DETAIL
SCALE: 1 1/2" = 1'-0"



7 A333 ENLARGED GENERAL COLUMN CAP DETAIL
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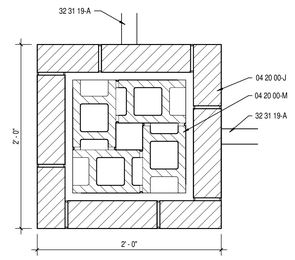
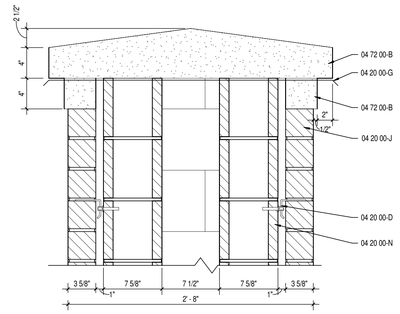
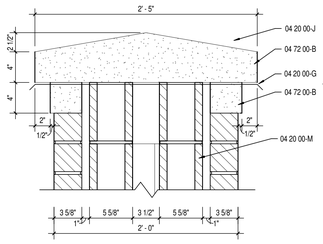


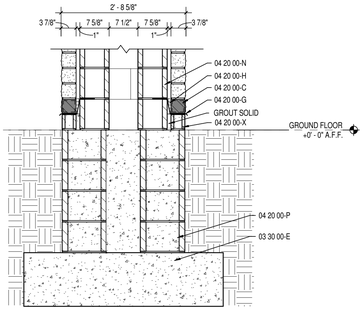
8 A333 ENLARGED GENERAL COLUMN DETAIL
SCALE: 1 1/2" = 1'-0"



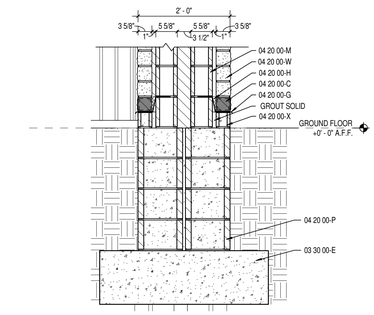
9 A333 ENLARGED COLUMN SECTION
SCALE: 1 1/2" = 1'-0"



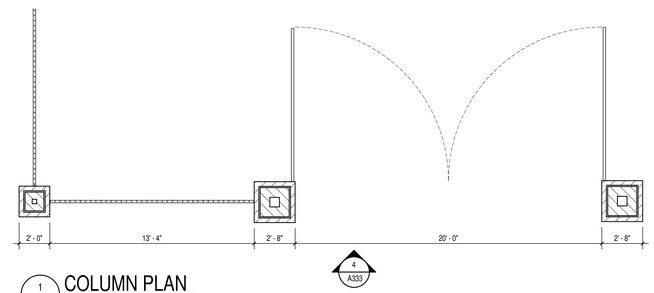
10 A333 ENLARGED COLUMN SECTION
SCALE: 1 1/2" = 1'-0"



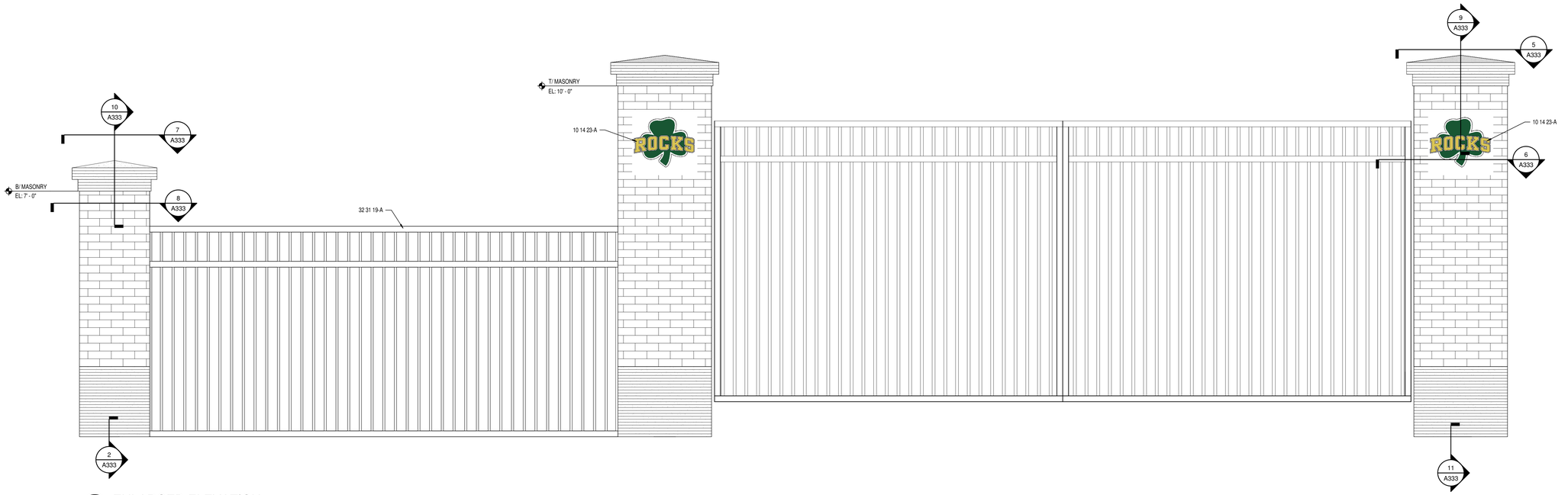
11 A333 SECTION THROUGH COLUMN
SCALE: 3/4" = 1'-0"



2 A333 SECTION THROUGH COLUMN
SCALE: 3/4" = 1'-0"



1 A333 COLUMN PLAN
SCALE: 1/4" = 1'-0"



4 A333 ENLARGED ELEVATION
SCALE: 3/4" = 1'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
ENTRY GATE PLANS

CERTIFIED BY:
BRENDON C. HIDE
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A333

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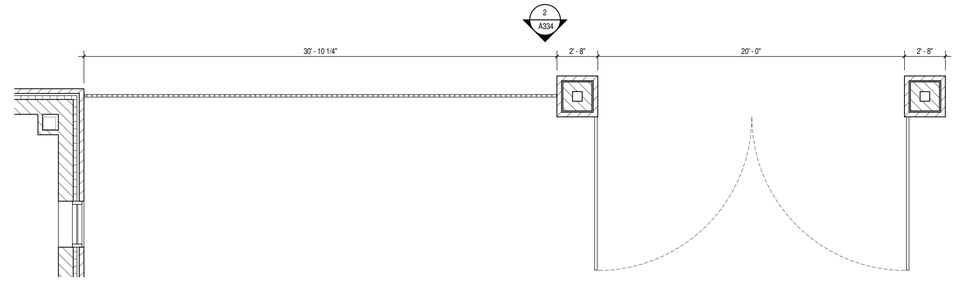
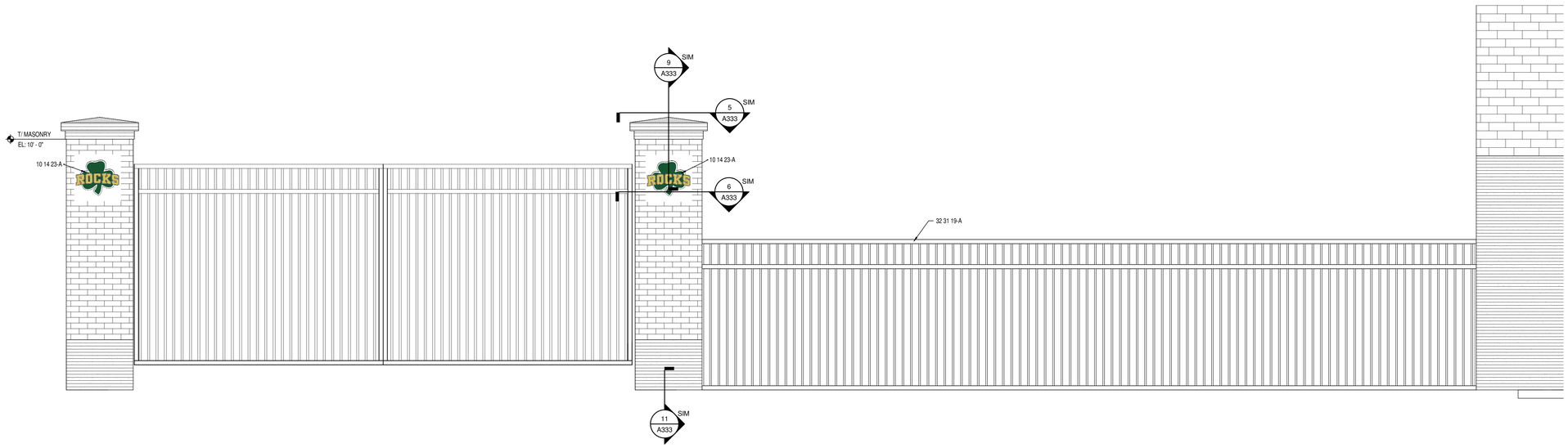
2023061



1 A334 COLUMN PLAN
SCALE: 1/4" = 1'-0"



2 A334 ENLARGED ELEVATION
SCALE: 1/2" = 1'-0"

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REVISIONS:

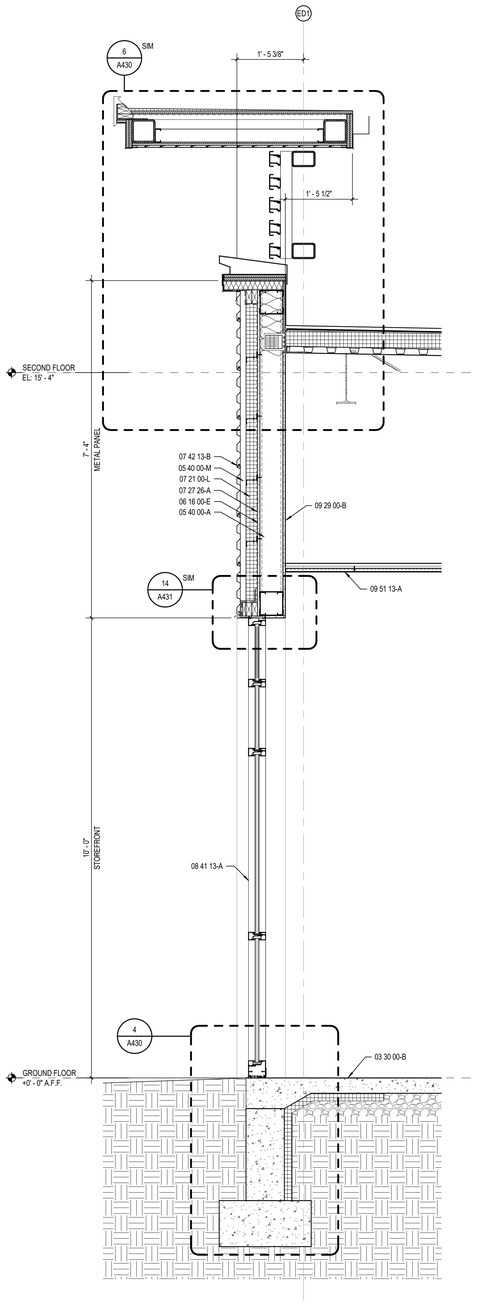
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	Author	Checker

DRAWING TITLE:
NORTH ENTRY GATE PLANS

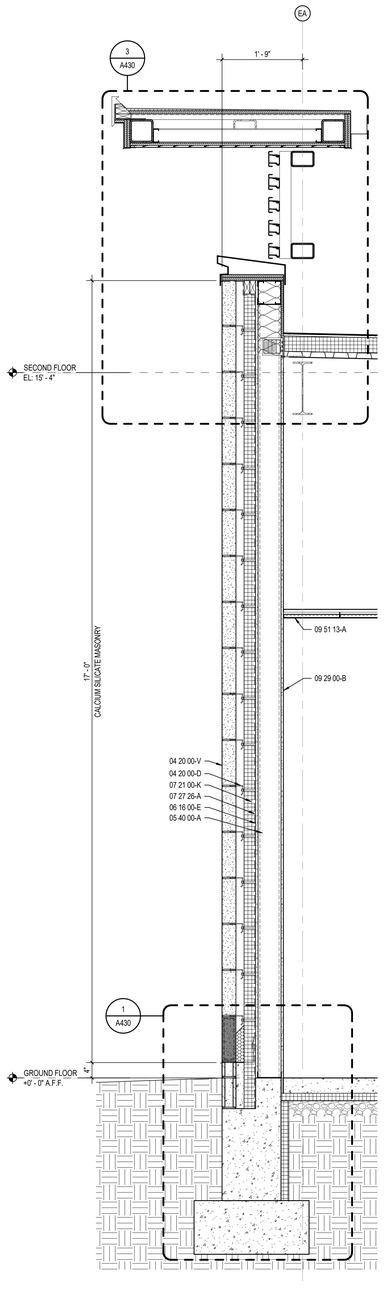
CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A334

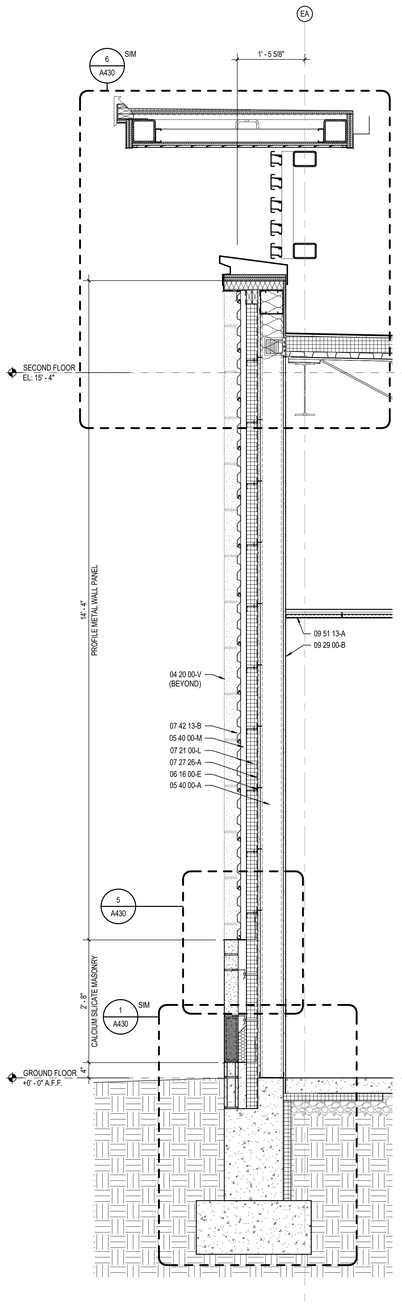
PROJECT NUMBER
2023061



4 A401 WALL SECTION
SCALE: 3/4" = 1'-0"



3 A401 WALL SECTION
SCALE: 3/4" = 1'-0"



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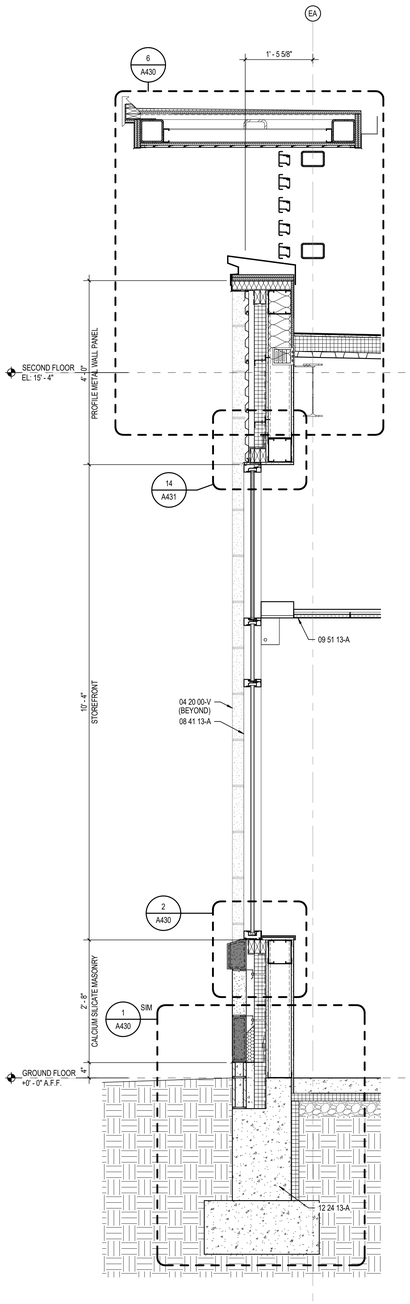
SCALE: 3/4" = 1'-0"



1 A401 WALL SECTION
SCALE: 3/4" = 1'-0"

KEYNOTE LEGEND

03 30 00-A	WATERSTOP
03 30 00-B	CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL
03 30 00-C	CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL
03 30 00-D	CONCRETE FOUNDATION- SEE STRUCTURAL
03 30 00-E	CONCRETE FOOTING- SEE STRUCTURAL
03 30 00-F	1/2" EXPANSION MATERIAL
04 20 00-A	GROUT CORE SOLID
04 20 00-B	MASONRY TIE
04 20 00-C	CELL WEEP VENTS @ 16" O.C.
04 20 00-D	ADJUSTIBLE MASONRY VENEER ANCHOR AT 16" O.C. VERTICALLY
04 20 00-F	METAL FLASHING
04 20 00-G	THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE
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06 40 00-A	1 1/2" WOOD TRIM
06 40 00-B	SOILD SURFACE WINDOW STOOL
06 40 00-G	1X HARDWOOD TRIM, STAINED
07 13 26-A	SELF-ADHEREING SHEET WATERPROOFING
07 13 26-B	RIGID INSULATION
07 13 26-C	MOLDED SHEET DRAINAGE PANEL
07 21 00-A	SLAB PERIMETER RIGID INSULATION (R-15 FOR 24")
07 21 00-J	PACK FULL WITH MINERAL WOOL INSULATION
07 21 00-K	3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8)
07 21 00-L	3" THERMALLY ISOLATED COMPOSITE Z-GIRT INSULATION SYSTEM
07 21 00-N	MINERAL WOOL BATT INSULATION
07 27 26-A	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE
07 27 26-B	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE, EXTEND AROUND BLOCK TO UNDER WINDOW / PARAPET
07 31 13-A	ASPHALT SHINGLE ROOF
07 42 13-A	PRE-FINISHED METAL WALL PANEL
07 42 13-B	METAL WALL PANEL
07 42 13-C	METAL WALL PANEL - SOFFIT
07 42 13-E	FLASHING WITH DRIP EDGE
07 42 13-F	EXTRUDED TRIM BY MFR
07 42 13-G	THROUGH WALL FLASHING WITH PERFORMED METAL DRIP EDGE
07 54 19-A	POLYVINYL-CHLORIDE (PVC) MEMBRANE ROOFING SYSTEM
07 54 19-B	1/2" COVER BOARD
07 54 19-C	TAPERED POLYISO INSULATION BOARD
07 54 19-D	2 LAYERS OF 2" POLYISO INSULATION BOARD (TOTAL R-VALUE = 22.8)
07 54 19-E	MEMBRANE ROOFING-EXTEND OVER & ATTACH TO FRONT FACE OF PARAPET
07 54 19-F	1 1/2" POLYISO INSULATION BOARD
07 54 19-G	TERMINATION BAR, SET IN WATER CUT OFF MASTIC.
07 62 00-C	FASCIA CLADDING
07 62 00-J	DRIP EDGE
07 62 00-M	PRE-FINISHED METAL GUTTER
07 62 00-N	PREFINISHED METAL DOWNSPOUT
07 71 00-A	MANUFACTURED COPING
07 71 00-B	MANUFACTURED GRAVEL STOP
07 71 00-C	MANUFACTURED FASCIA CLADDING
07 71 00-D	MANUFACTURED COUNTERFLASHING SYSTEM
07 71 00-E	MANUFACTURED GUTTER
07 71 00-F	MANUFACTURED DOWNSPOUT
07 71 00-H	MANUFACTURED DRIP EDGE
07 71 29-A	MANUFACTURED ROOF EXPANSION JOINT ASSEMBLY
07 71 29-B	MANUFACTURED ROOF TO WALL EXPANSION JOINT ASSEMBLY
07 84 13-A	PENETRATION FIRESTOPPING
07 92 00-A	SEALANT
07 92 00-B	SEALANT EACH SIDE, TYPICAL
07 95 13.13-A	INTERIOR EXPANSION JOINT COVER ASSEMBLY
07 95 13.16-A	EXTERIOR EXPANSION JOINT COVER ASSEMBLY
08 11 13-A	HOLLOW METAL DOOR/BORROWED LIGHT FRAME
08 11 13-B	HOLLOW METAL DOOR
08 14 16-A	FLUSH WOOD DOOR
08 33 13-A	OVERHEAD COILING COUNTER DOOR
08 33 13-B	OVERHEAD COILING COUNTER GRILLE
08 33 13-C	INSULATED COILING COUNTER DOOR
08 33 13-E	GUIDE
08 33 23-A	OVERHEAD COILING DOOR
08 33 23-J	BREAK METAL TO MATCH DOOR GUIDE FINISH
08 33 23-K	OVERHEAD COILING DOOR WITH INTEGRATED PASS DOOR
08 41 13-A	4 1/2" ALUMINUM-FRAMED STOREFRONT
08 41 13-B	WIDE STYLE ALUMINUM ENTRANCE DOOR
08 41 13-C	ALUMINUM BRAKE METAL TO MATCH STOREFRONT FRAME
08 44 13-A	7 1/2" DEEP ALUMINUM CURTAINWALL SYSTEM
08 44 13-C	CURTAINWALL ATTACHMENT MEMBER, ALLOW FOR THERMAL MOVEMENT
08 44 13-D	ALUMINUM BREAKMETAL TO MATCH CURTAINWALL FRAME
08 44 13-F	10" DEEP ALUMINUM CURTAINWALL SYSTEM
08 80 00-A	GLAZING - SEE SCHEDULE/ELEVATIONS
08 80 00-B	SPANDREL PANEL - SEE SCHEDULE/ELEVATIONS
08 91 19-A	FIXED LOUVER
09 22 16-D	7/8" FURRING CHANNEL
09 22 16-G	2 1/2" STEEL STUD
09 22 16-H	3 5/8" STEEL STUD
09 22 16-K	6" STEEL STUD
09 29 00-B	5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE)
09 29 00-D	SOUND ATTENUATION INSULATION
09 29 00-E	SUSPENDED GYPSUM BOARD CEILING ASSEMBLY
09 51 13-A	ACOUSTICAL CEILING SUSPENSION ASSEMBLY
09 51 13-C	SUSPENDED CEILING METAL EDGE TRIM
09 82 00-A	SOUND DIFFUSIVE WOOD UNITS
10 14 23-A	PANEL SIGNAGE
10 82 00-A	ROOF AND WALL SCREENS
12 24 13	
12 24 13-A	ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE
14 24 00-D	PIT LADDER
31 20 00-C	DRAINING GRANULAR FILL
32 13 16-A	SIDEWALK- SEE LANDSCAPE SHEETS
32 31 13-A	CHAIN-LINK FENCE- SEE LANDSCAPE SHEETS
32 31 19-A	ORNAMENTAL FENCE- SEE LANDSCAPE SHEETS

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. It is not intended that these drawings will describe all work required for full performance and completion of the requirements of the Contract.
The Bidder shall include all general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

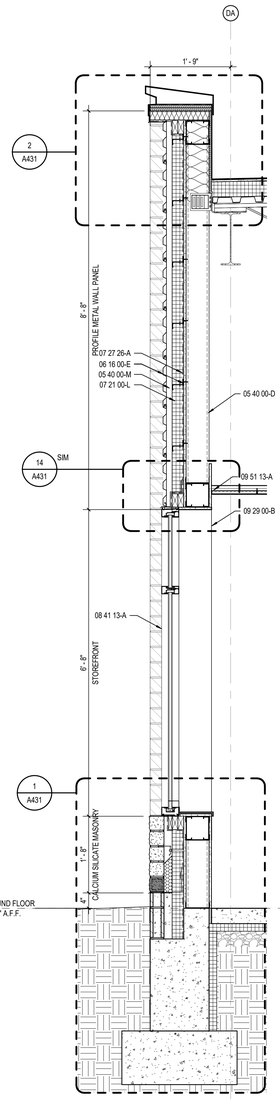
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
WALL SECTIONS

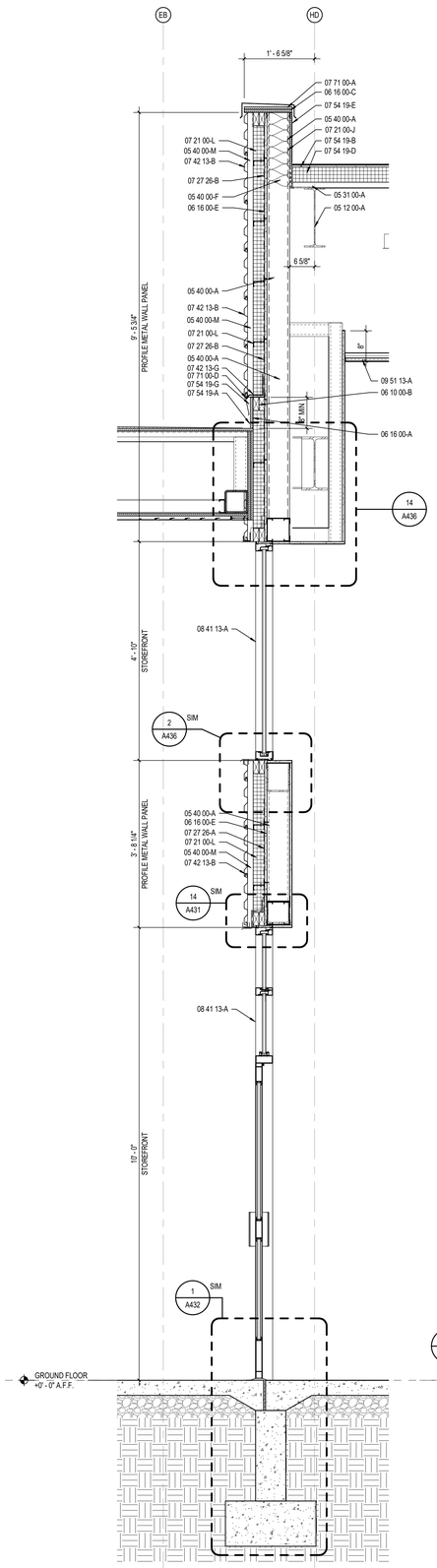
CERTIFIED BY:
BRENT C. HIDE
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A401

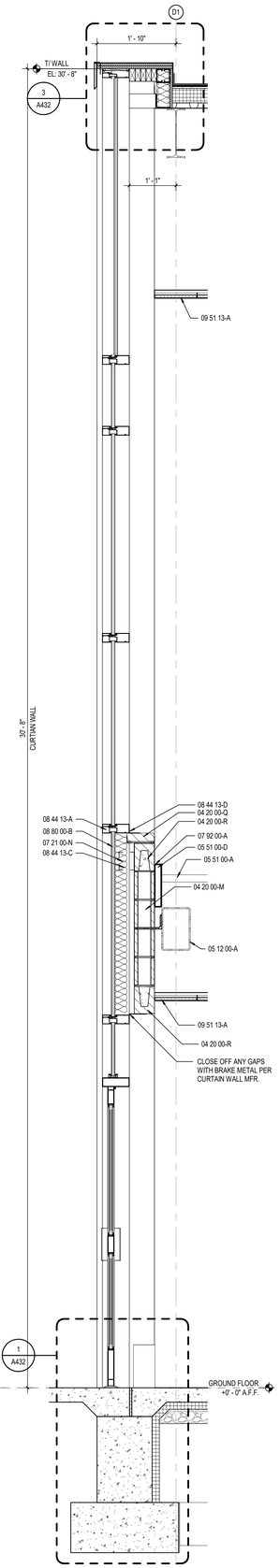
PROJECT NUMBER
2023061



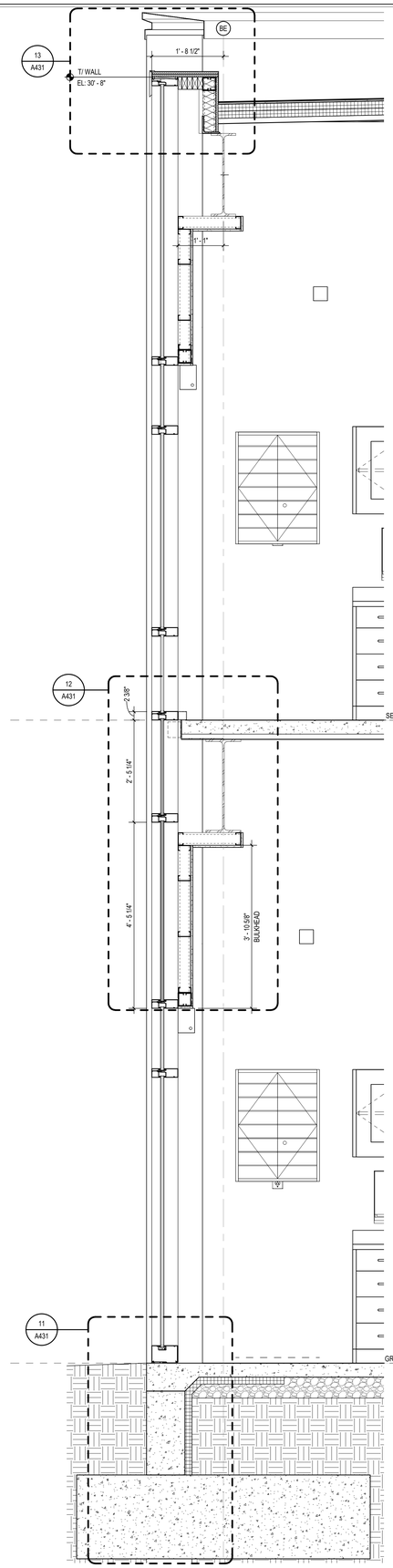
4 A402 WALL SECTION
SCALE: 3/4" = 1'-0"



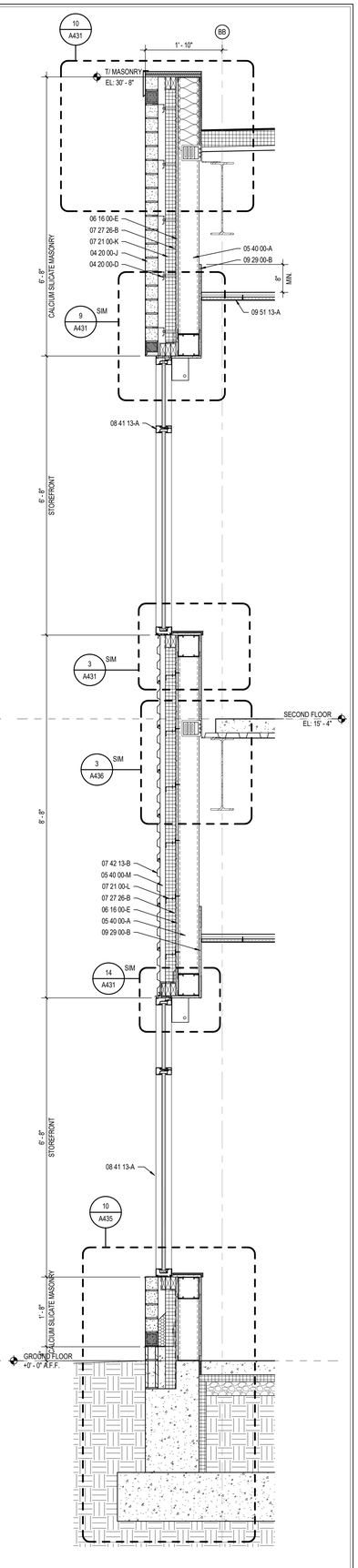
5 A402 WALL SECTION
SCALE: 3/4" = 1'-0"



3 A402 WALL SECTION
SCALE: 3/4" = 1'-0"



2 A402 WALL SECTION
SCALE: 3/4" = 1'-0"



1 A402 WALL SECTION
SCALE: 3/4" = 1'-0"

KEYNOTE LEGEND

03 30 00-A	WATERSTOP
03 30 00-B	CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL
03 30 00-C	CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL
03 30 00-D	CONCRETE FOUNDATION- SEE STRUCTURAL
03 30 00-E	CONCRETE FOOTING- SEE STRUCTURAL
03 30 00-F	1/2" EXPANSION MATERIAL
04 20 00-A	GROUT CORE SOLID
04 20 00-B	MASONRY TIE
04 20 00-C	CELL WEEP VENTS @ 16" O.C.
04 20 00-D	ADJUSTIBLE MASONRY VENEER ANCHOR AT 16" O.C. VERTICALLY
04 20 00-F	METAL FLASHING
04 20 00-G	THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE
04 20 00-H	CAVITY DRAINAGE MATERIAL
04 20 00-J	BRICK TYPE 1 (WIRE CUT)
04 20 00-K	BRICK TYPE 2 (SMOOTH FACE)
04 20 00-K.1	BRICK TYPE 2 (SOLDIER COURSE) - SEE SIZE ON DRAWING 10/A430
04 20 00-L	4" CONCRETE MASONRY UNIT
04 20 00-M	6" CONCRETE MASONRY UNIT
04 20 00-N	8" CONCRETE MASONRY UNIT
04 20 00-O	10" CONCRETE MASONRY UNIT
04 20 00-P	12" CONCRETE MASONRY UNIT
04 20 00-Q	BULLNOSE UNIT
04 20 00-R	BOND BEAM MASONRY UNIT
04 20 00-S	DECORATIVE CMU (GROUND FACE)
04 20 00-T	ACOUSTICAL BLOCK
04 20 00-U	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, SMOOTH)
04 20 00-V	CALCIUM SILICATE MASONRY UNIT (LARGE FORMAT, SMOOTH)
04 20 00-W	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, ROUGH)
04 20 00-X	4" GROUND FACE CONCRETE MASONRY UNIT
04 72 00-A	CAST STONE SILL - SEE SIZE ON DRAWING 10/A430
04 72 00-B	CAST STONE
05 12 00-A	STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL
05 12 00-B	STEEL ANGLE- SEE STRUCTURAL
05 12 00-C	STEEL BENT PLATE- SEE STRUCTURAL
05 12 00-D	STEEL BEAM- SEE STRUCTURAL
05 12 00-E	STEEL COLUMN - SEE STRUCTURAL
05 12 00-F	STEEL PLATE - SEE STRUCTURAL
05 21 00-A	STEEL JOIST- SEE STRUCTURAL
05 31 00-A	METAL ROOF DECKING- SEE STRUCTURAL
05 31 00-B	METAL FLOOR DECKING- SEE STRUCTURAL
05 40 00-A	6" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-B	2 1/2" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-C	3 5/8" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-D	6"x6" 10 GA. COLD FORMED STEEL ANGLE, CUT TO FIT. ATTACH JAMB TO HEAD
05 40 00-F	CLIP ANGLE
05 40 00-J	3" 16GA. GALVANIZED Z-BAR SUB GIRTS
05 40 00-L	7/8" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 40 00-M	1 1/2" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 50 00-A	MISCELLANEOUS STEEL - SEE STRUCTURAL
05 50 00-B	GALVANIZED STEEL BRICK LINTEL
05 50 00-E	PRE-MANUFACTURED ALUMINUM ACCESS LADDER
05 50 00-F	ELEVATOR HOIST BEAM- COORDINATE WITH ELEVATOR MANUFACTURER
05 51 00-A	MANUFACTURED STEEL FRAMED STAIR
05 51 00-B	CONCRETE FILLED METAL PAN TREAD AND RISER
05 51 00-C	STAIR METAL STRINGER- CHANNEL
05 51 00-D	STAIR METAL STRINGER - TUBE
05 52 13-E	1-1/4" I.D. PAINTED STEEL PIPE RAILING
05 52 13-F	1-1/4" I.D. PAINTED STEEL PIPE HANDRAIL
05 52 13-G	1-1/4" I.D. PAINTED GALVANIZED STEEL PIPE RAILING
05 52 13-U	1-1/2" O.D. GALVANIZED STEEL PIPE GUARDRAIL
05 73 00-A	DECORATIVE METAL RAILING
05 73 00-B	1-1/4" I.D. COLOR ANODIZED ALUMINUM HANDRAIL
06 10 00-A	SHIM AS REQUIRED
06 10 00-B	2X WOOD BLOCKING
06 16 00-A	3/4" EXTERIOR GRADE PLYWOOD
06 16 00-B	5/8" EXTERIOR GRADE PLYWOOD
06 16 00-C	TWO LAYERS OF 3/4" EXTERIOR GRADE PLYWOOD
06 16 00-D	1/2" EXTERIOR GRADE PLYWOOD
06 16 00-E	5/8" EXTERIOR GYPSUM SHEATHING
06 40 00-A	1 1/2" WOOD TRIM
06 40 00-B	SOILD SURFACE WINDOW STOOL
06 40 00-G	1X HARDWOOD TRIM, STAINED
07 13 26-A	SELF-ADHERENING SHEET WATERPROOFING
07 13 26-B	RIGID INSULATION
07 13 26-C	MOLDED SHEET DRAINAGE PANEL
07 21 00-A	SLAB PERIMETER RIGID INSULATION (R-15 FOR 24")
07 21 00-J	PACK FILL WITH MINERAL WOOL INSULATION
07 21 00-K	3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8)
07 21 00-L	3" THERMALLY ISOLATED COMPOSITE Z-GIRT INSULATION SYSTEM
07 21 00-N	MINERAL WOOL BATT INSULATION
07 27 26-A	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE
07 27 26-B	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE, EXTEND AROUND BLOCK TO UNDER WINDOW / PARAPET
07 31 13-A	ASPHALT SHINGLE ROOF
07 42 13-A	PRE-FINISHED METAL WALL PANEL
07 42 13-B	METAL WALL PANEL
07 42 13-C	METAL WALL PANEL - SOFFIT
07 42 13-E	FLASHING WITH DRIP EDGE
07 42 13-F	EXTRUDED TRIM BY MFR
07 42 13-G	THROUGH WALL FLASHING WITH PERFORMED METAL DRIP EDGE
07 54 19-A	POLYVINYL-CHLORIDE (PVC) MEMBRANE ROOFING SYSTEM
07 54 19-B	1/2" COVER BOARD
07 54 19-C	TAPERED POLYISO INSULATION BOARD
07 54 19-D	2 LAYERS OF 2" POLYISO INSULATION BOARD (TOTAL R-VALUE = 22.8)
07 54 19-E	MEMBRANE ROOFING-EXTEND OVER & ATTACH TO FRONT FACE OF PARAPET
07 54 19-F	1 1/2" POLYISO INSULATION BOARD
07 54 19-G	TERMINATION BAR, SET IN WATER CUT OFF MASTIC.
07 62 00-C	FASCIA CLADDING
07 62 00-J	DRIP EDGE
07 62 00-M	PRE-FINISHED METAL GUTTER
07 62 00-N	PREFINISHED METAL DOWNSPOUT
07 71 00-A	MANUFACTURED COPING
07 71 00-B	MANUFACTURED GRAVEL STOP
07 71 00-C	MANUFACTURED FASCIA CLADDING
07 71 00-D	MANUFACTURED COUNTERFLASHING SYSTEM
07 71 00-E	MANUFACTURED GUTTER
07 71 00-F	MANUFACTURED DOWNSPOUT
07 71 00-H	MANUFACTURED DRIP EDGE
07 71 29-A	MANUFACTURED ROOF EXPANSION JOINT ASSEMBLY
07 71 29-B	MANUFACTURED ROOF TO WALL EXPANSION JOINT ASSEMBLY
07 84 13-A	PENETRATION FIRESTOPPING
07 92 00-A	SEALANT
07 92 00-B	SEALANT EACH SIDE, TYPICAL
07 95 13.13-A	INTERIOR EXPANSION JOINT COVER ASSEMBLY
07 95 13.16-A	EXTERIOR EXPANSION JOINT COVER ASSEMBLY
08 11 13-A	HOLLOW METAL DOOR/BORROWED LIGHT FRAME
08 11 13-B	HOLLOW METAL DOOR
08 14 16-A	FLUSH WOOD DOOR
08 33 13-A	OVERHEAD COILING COUNTER DOOR
08 33 13-B	OVERHEAD COILING COUNTER GRILLE
08 33 13-C	INSULATED COILING COUNTER DOOR
08 33 13-E	GUIDE
08 33 23-A	OVERHEAD COILING DOOR
08 33 23-J	BREAK METAL TO MATCH DOOR GUIDE FINISH
08 33 23-K	OVERHEAD COILING DOOR WITH INTEGRATED PASS DOOR
08 41 13-A	4 1/2" ALUMINUM-FRAMED STOREFRONT
08 41 13-B	WIDE STYLE ALUMINUM ENTRANCE DOOR
08 41 13-C	ALUMINUM BRAKE METAL TO MATCH STOREFRONT FRAME
08 44 13-A	7 1/2" DEEP ALUMINUM CURTAINWALL SYSTEM
08 44 13-C	CURTAINWALL ATTACHMENT MEMBER, ALLOW FOR THERMAL MOVEMENT
08 44 13-D	ALUMINUM BREAKMETAL TO MATCH CURTAINWALL FRAME
08 44 13-F	10" DEEP ALUMINUM CURTAINWALL SYSTEM
08 80 00-A	GLAZING - SEE SCHEDULE/ELEVATIONS
08 80 00-B	SPANDREL PANEL - SEE SCHEDULE/ELEVATIONS
08 91 19-A	FIXED LOUVER
09 22 16-D	7/8" FURRING CHANNEL
09 22 16-G	2 1/2" STEEL STUD
09 22 16-H	3 5/8" STEEL STUD
09 22 16-K	6" STEEL STUD
09 29 00-B	5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE)
09 29 00-D	SOUND ATTENUATION INSULATION
09 29 00-E	SUSPENDED GYPSUM BOARD CEILING ASSEMBLY
09 51 13-A	ACOUSTICAL CEILING SUSPENSION ASSEMBLY
09 51 13-C	SUSPENDED CEILING METAL EDGE TRIM
09 82 00-A	SOUND DIFFUSIVE WOOD UNITS
10 14 23-A	PANEL SIGNAGE
10 82 00-A	ROOF AND WALL SCREENS
12 24 13	
12 24 13-A	ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE
14 24 00-D	PIT LADDER
31 20 00-C	DRAINING GRANULAR FILL
32 13 16-A	SIDEWALK- SEE LANDSCAPE SHEETS
32 31 13-A	CHAIN-LINK FENCE- SEE LANDSCAPE SHEETS
32 31 19-A	ORNAMENTAL FENCE- SEE LANDSCAPE SHEETS

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of construction and materials required for the work.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the Contractor shall furnish all labor and materials required for the proper execution and completion of the work.

REVISIONS:

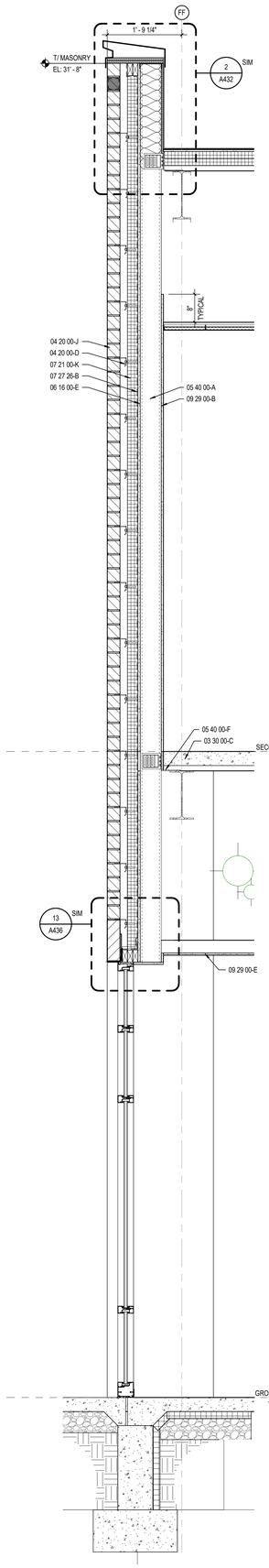
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
WALL SECTIONS

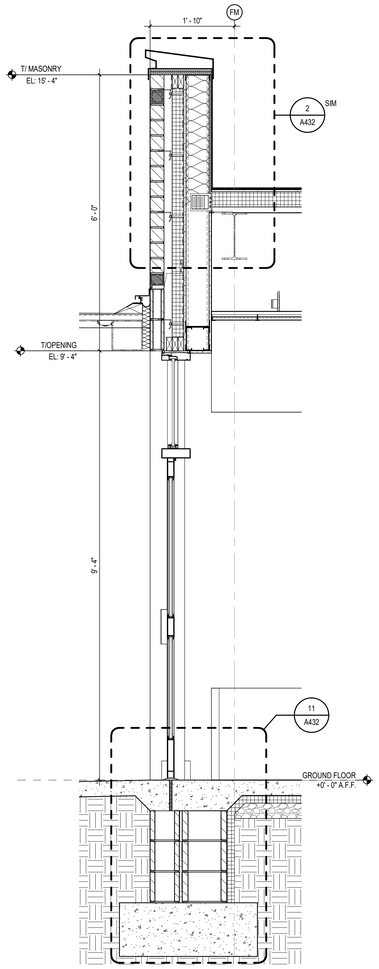
CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A402

PROJECT NUMBER
2023061



5 A403 WALL SECTION
SCALE: 3/4" = 1'-0"



4 A403 WALL SECTION
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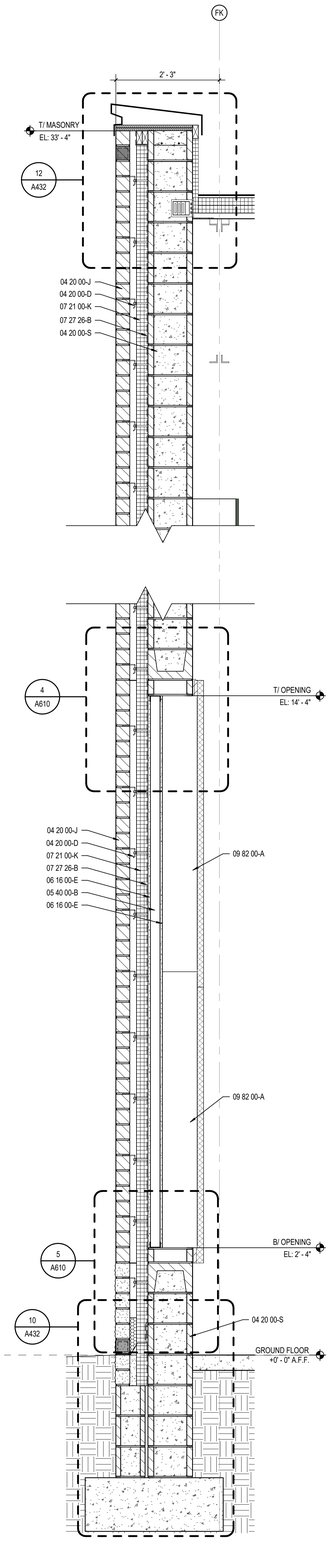

3 A403 WALL SECTION
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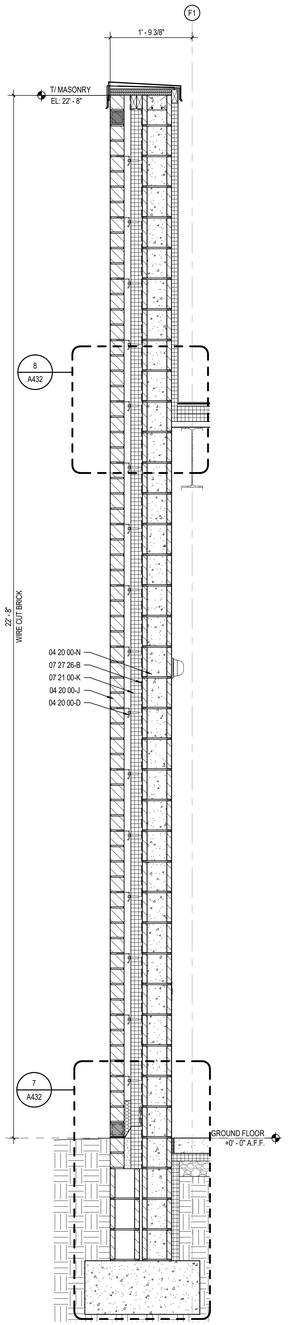
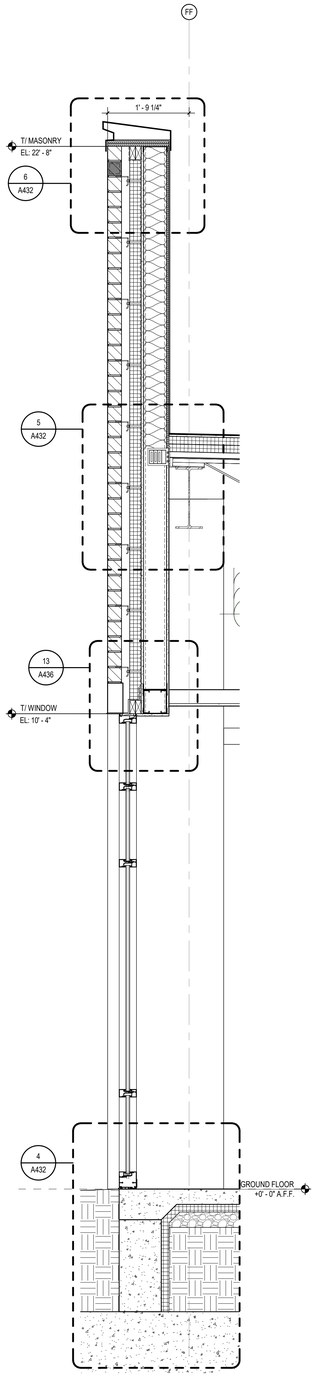


2 A403 WALL SECTION
SCALE: 3/4" = 1'-0"



1 A403 WALL SECTION
SCALE: 3/4" = 1'-0"

KEYNOTE LEGEND

03 30 00-A	WATERSTOP
03 30 00-B	CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL
03 30 00-C	CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL
03 30 00-D	CONCRETE FOUNDATION- SEE STRUCTURAL
03 30 00-E	CONCRETE FOOTING- SEE STRUCTURAL
03 30 00-F	1/2" EXPANSION MATERIAL
04 20 00-A	GROUT CORE SOLID
04 20 00-B	MASONRY TIE
04 20 00-C	CELL WEEP VENTS @ 16" O.C.
04 20 00-D	ADJUSTIBLE MASONRY VENEER ANCHOR AT 16" O.C. VERTICALLY
04 20 00-F	METAL FLASHING
04 20 00-G	THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE
04 20 00-H	CAVITY DRAINAGE MATERIAL
04 20 00-J	BRICK TYPE 1 (WIRE CUT)
04 20 00-K	BRICK TYPE 2 (SMOOTH FACE)
04 20 00-K.1	BRICK TYPE 2 (SOLDIER COURSE) - SEE SIZE ON DRAWING 10/A430
04 20 00-L	4" CONCRETE MASONRY UNIT
04 20 00-M	6" CONCRETE MASONRY UNIT
04 20 00-N	8" CONCRETE MASONRY UNIT
04 20 00-O	10" CONCRETE MASONRY UNIT
04 20 00-P	12" CONCRETE MASONRY UNIT
04 20 00-Q	BULLNOSE UNIT
04 20 00-R	BOND BEAM MASONRY UNIT
04 20 00-S	DECORATIVE CMU (GROUND FACE)
04 20 00-T	ACOUSTICAL BLOCK
04 20 00-U	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, SMOOTH)
04 20 00-V	CALCIUM SILICATE MASONRY UNIT (LARGE FORMAT, SMOOTH)
04 20 00-W	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, ROUGH)
04 20 00-X	4" GROUND FACE CONCRETE MASONRY UNIT
04 72 00-A	CAST STONE SILL - SEE SIZE ON DRAWING 10/A430
04 72 00-B	CAST STONE
05 12 00-A	STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL
05 12 00-B	STEEL ANGLE- SEE STRUCTURAL
05 12 00-C	STEEL BENT PLATE- SEE STRUCTURAL
05 12 00-D	STEEL BEAM- SEE STRUCTURAL
05 12 00-E	STEEL COLUMN - SEE STRUCTURAL
05 12 00-F	STEEL PLATE - SEE STRUCTURAL
05 21 00-A	STEEL JOIST- SEE STRUCTURAL
05 31 00-A	METAL ROOF DECKING- SEE STRUCTURAL
05 31 00-B	METAL FLOOR DECKING- SEE STRUCTURAL
05 40 00-A	6" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-B	2 1/2" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-C	3 5/8" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-D	6"x6" 10 GA. COLD FORMED STEEL ANGLE, CUT TO FIT. ATTACH JAMB TO HEAD
05 40 00-F	CLIP ANGLE
05 40 00-J	3" 16GA. GALVANIZED Z-BAR SUB GIRTS
05 40 00-L	7/8" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 40 00-M	1 1/2" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 50 00-A	MISCELLANEOUS STEEL - SEE STRUCTURAL
05 50 00-B	GALVANIZED STEEL BRICK LINTEL
05 50 00-E	PRE-MANUFACTURED ALUMINUM ACCESS LADDER
05 50 00-F	ELEVATOR HOIST BEAM- COORDINATE WITH ELEVATOR MANUFACTURER
05 51 00-A	MANUFACTURED STEEL FRAMED STAIR
05 51 00-B	CONCRETE FILLED METAL PAN TREAD AND RISER
05 51 00-C	STAIR METAL STRINGER- CHANNEL
05 51 00-D	STAIR METAL STRINGER - TUBE
05 52 13-E	1-1/4" I.D. PAINTED STEEL PIPE RAILING
05 52 13-F	1-1/4" I.D. PAINTED STEEL PIPE HANDRAIL
05 52 13-G	1-1/4" I.D. PAINTED GALVANIZED STEEL PIPE RAILING
05 52 13-U	1-1/2" O.D. GALVANIZED STEEL PIPE GUARDRAIL
05 73 00-A	DECORATIVE METAL RAILING
05 73 00-B	1-1/4" I.D. COLOR ANODIZED ALUMINUM HANDRAIL
06 10 00-A	SHIM AS REQUIRED
06 10 00-B	2X WOOD BLOCKING
06 16 00-A	3/4" EXTERIOR GRADE PLYWOOD
06 16 00-B	5/8" EXTERIOR GRADE PLYWOOD
06 16 00-C	TWO LAYERS OF 3/4" EXTERIOR GRADE PLYWOOD
06 16 00-D	1/2" EXTERIOR GRADE PLYWOOD
06 16 00-E	5/8" EXTERIOR GYPSUM SHEATHING
06 40 00-A	1 1/2" WOOD TRIM
06 40 00-B	SOILD SURFACE WINDOW STOOL
06 40 00-G	1X HARDWOOD TRIM, STAINED
07 13 26-A	SELF-ADHEREING SHEET WATERPROOFING
07 13 26-B	RIGID INSULATION
07 13 26-C	MOLDED SHEET DRAINAGE PANEL
07 21 00-A	SLAB PERIMETER RIGID INSULATION (R-15 FOR 24")
07 21 00-J	PACK FULL WITH MINERAL WOOL INSULATION
07 21 00-K	3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8)
07 21 00-L	3" THERMALLY ISOLATED COMPOSITE Z-GIRT INSULATION SYSTEM
07 21 00-N	MINERAL WOOL BATT INSULATION
07 27 26-A	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE
07 27 26-B	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE, EXTEND AROUND BLOCK TO UNDER WINDOW / PARAPET
07 31 13-A	ASPHALT SHINGLE ROOF
07 42 13-A	PRE-FINISHED METAL WALL PANEL
07 42 13-B	METAL WALL PANEL
07 42 13-C	METAL WALL PANEL - SOFFIT
07 42 13-E	FLASHING WITH DRIP EDGE
07 42 13-F	EXTRUDED TRIM BY MFR.
07 42 13-G	THROUGH WALL FLASHING WITH PERFORMED METAL DRIP EDGE
07 54 19-A	POLYVINYL-CHLORIDE (PVC) MEMBRANE ROOFING SYSTEM
07 54 19-B	1/2" COVER BOARD
07 54 19-C	TAPERED POLYISO INSULATION BOARD
07 54 19-D	2 LAYERS OF 2" POLYISO INSULATION BOARD (TOTAL R-VALUE = 22.8)
07 54 19-E	MEMBRANE ROOFING-EXTEND OVER & ATTACH TO FRONT FACE OF PARAPET
07 54 19-F	1 1/2" POLYISO INSULATION BOARD
07 54 19-G	TERMINATION BAR, SET IN WATER CUT OFF MASTIC.
07 62 00-C	FASCIA CLADDING
07 62 00-J	DRIP EDGE
07 62 00-M	PRE-FINISHED METAL GUTTER
07 62 00-N	PREFINISHED METAL DOWNSPOUT
07 71 00-A	MANUFACTURED COPING
07 71 00-B	MANUFACTURED GRAVEL STOP
07 71 00-C	MANUFACTURED FASCIA CLADDING
07 71 00-D	MANUFACTURED COUNTERFLASHING SYSTEM
07 71 00-E	MANUFACTURED GUTTER
07 71 00-F	MANUFACTURED DOWNSPOUT
07 71 00-H	MANUFACTURED DRIP EDGE
07 71 29-A	MANUFACTURED ROOF EXPANSION JOINT ASSEMBLY
07 71 29-B	MANUFACTURED ROOF TO WALL EXPANSION JOINT ASSEMBLY
07 84 13-A	PENETRATION FIRESTOPPING
07 92 00-A	SEALANT
07 92 00-B	SEALANT EACH SIDE, TYPICAL
07 95 13.13-A	INTERIOR EXPANSION JOINT COVER ASSEMBLY
07 95 13.16-A	EXTERIOR EXPANSION JOINT COVER ASSEMBLY
08 11 13-A	HOLLOW METAL DOOR/BORROWED LIGHT FRAME
08 11 13-B	HOLLOW METAL DOOR
08 14 16-A	FLUSH WOOD DOOR
08 33 13-A	OVERHEAD COILING COUNTER DOOR
08 33 13-B	OVERHEAD COILING COUNTER GRILLE
08 33 13-C	INSULATED COILING COUNTER DOOR
08 33 13-E	GUIDE
08 33 23-A	OVERHEAD COILING DOOR
08 33 23-J	BREAK METAL TO MATCH DOOR GUIDE FINISH
08 33 23-K	OVERHEAD COILING DOOR WITH INTEGRATED PASS DOOR
08 41 13-A	4 1/2" ALUMINUM-FRAMED STOREFRONT
08 41 13-B	WIDE STYLE ALUMINUM ENTRANCE DOOR
08 41 13-C	ALUMINUM BRAKE METAL TO MATCH STOREFRONT FRAME
08 44 13-A	7 1/2" DEEP ALUMINUM CURTAINWALL SYSTEM
08 44 13-C	CURTAINWALL ATTACHMENT MEMBER, ALLOW FOR THERMAL MOVEMENT
08 44 13-D	ALUMINUM BREAKMETAL TO MATCH CURTAINWALL FRAME
08 44 13-F	10" DEEP ALUMINUM CURTAINWALL SYSTEM
08 80 00-A	GLAZING - SEE SCHEDULE/ELEVATIONS
08 80 00-B	SPANDREL PANEL - SEE SCHEDULE/ELEVATIONS
08 91 19-A	FIXED LOUVER
09 22 16-D	7/8" FURRING CHANNEL
09 22 16-G	2 1/2" STEEL STUD
09 22 16-H	3 5/8" STEEL STUD
09 22 16-K	6" STEEL STUD
09 29 00-B	5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE)
09 29 00-D	SOUND ATTENUATION INSULATION
09 29 00-E	SUSPENDED GYPSUM BOARD CEILING ASSEMBLY
09 51 13-A	ACOUSTICAL CEILING SUSPENSION ASSEMBLY
09 51 13-C	SUSPENDED CEILING METAL EDGE TRIM
09 82 00-A	SOUND DIFFUSIVE WOOD UNITS
10 14 23-A	PANEL SIGNAGE
10 82 00-A	ROOF AND WALL SCREENS
12 24 13	
12 24 13-A	ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE
14 24 00-D	PIT LADDER
31 20 00-C	DRAINING GRANULAR FILL
32 13 16-A	SIDEWALK- SEE LANDSCAPE SHEETS
32 31 13-A	CHAIN-LINK FENCE- SEE LANDSCAPE SHEETS
32 31 19-A	ORNAMENTAL FENCE- SEE LANDSCAPE SHEETS

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project. Information is shown to indicate the general arrangement of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the construction work.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

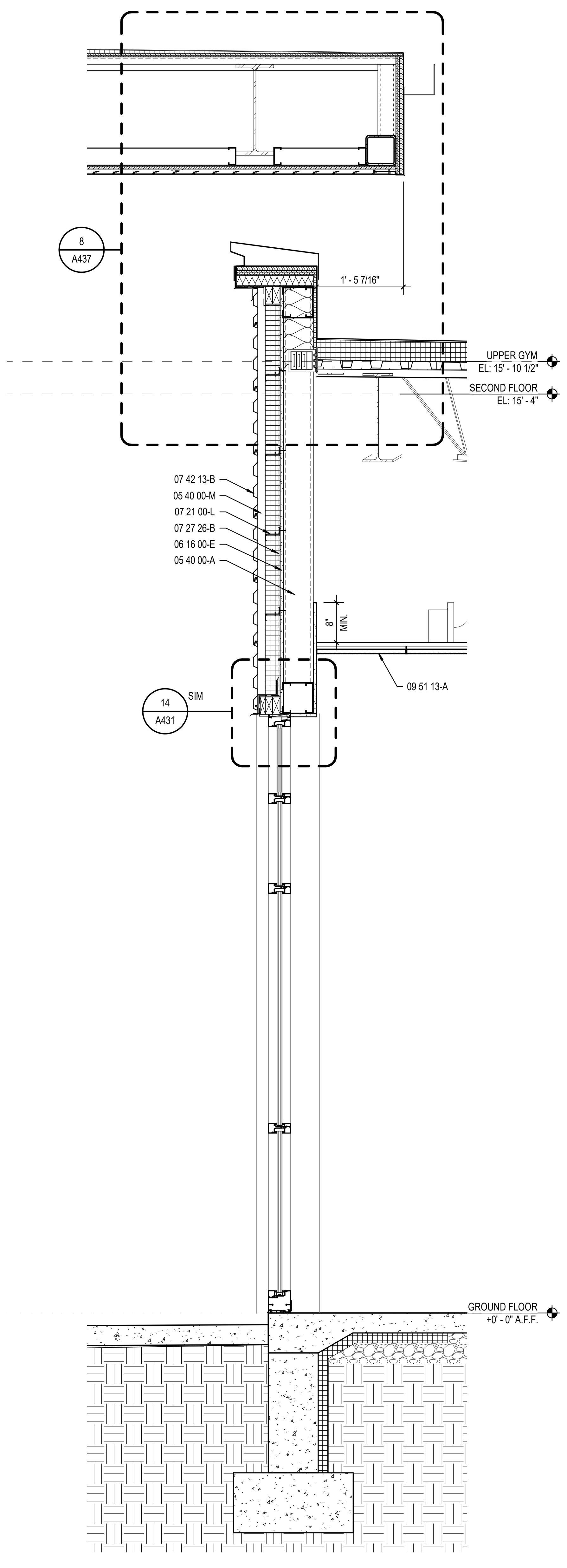
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
WALL SECTIONS

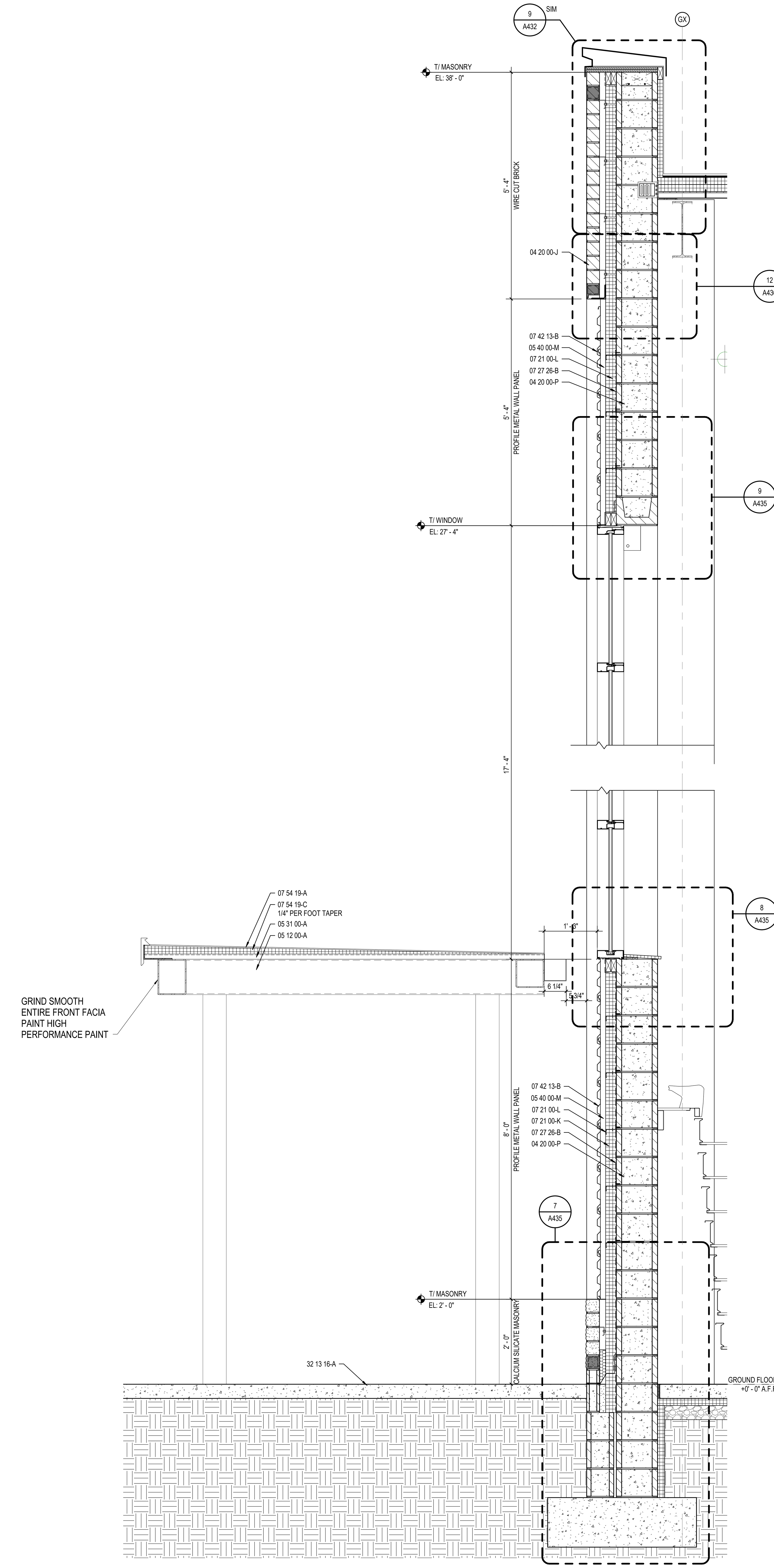
CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A403

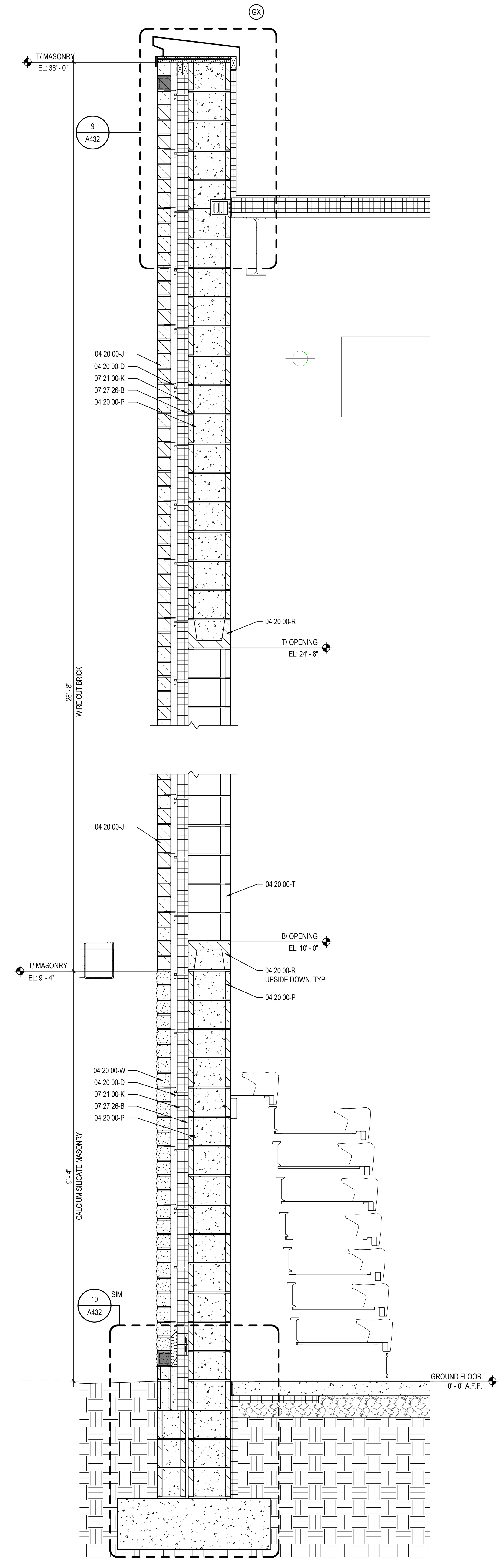
PROJECT NUMBER
2023061



3 A404 **WALL SECTION**
SCALE: 3/4" = 1'-0"



2 A404 **WALL SECTION**
SCALE: 3/4" = 1'-0"



1 A404 **WALL SECTION**
SCALE: 3/4" = 1'-0"

KEYNOTE LEGEND

03 30 00-A	WATERSTOP
03 30 00-B	CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL
03 30 00-C	CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL
03 30 00-D	CONCRETE FOUNDATION- SEE STRUCTURAL
03 30 00-E	CONCRETE FOOTING- SEE STRUCTURAL
03 30 00-F	1/2" EXPANSION MATERIAL
04 20 00-A	GROUT CORE SOLID
04 20 00-B	MASONRY TIE
04 20 00-C	CELL WEEP VENTS @ 16" O.C.
04 20 00-D	ADJUSTIBLE MASONRY VENEER ANCHOR AT 16" O.C. VERTICALLY
04 20 00-F	METAL FLASHING
04 20 00-G	THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE
04 20 00-H	CAVITY DRAINAGE MATERIAL
04 20 00-J	BRICK TYPE 1 (WIRE CUT)
04 20 00-K	BRICK TYPE 2 (SMOOTH FACE)
04 20 00-K.1	BRICK TYPE 2 (SOLDIER COURSE) - SEE SIZE ON DRAWING 10/A430
04 20 00-L	4" CONCRETE MASONRY UNIT
04 20 00-M	6" CONCRETE MASONRY UNIT
04 20 00-N	8" CONCRETE MASONRY UNIT
04 20 00-O	10" CONCRETE MASONRY UNIT
04 20 00-P	12" CONCRETE MASONRY UNIT
04 20 00-Q	BULLNOSE UNIT
04 20 00-R	BOND BEAM MASONRY UNIT
04 20 00-S	DECORATIVE CMU (GROUND FACE)
04 20 00-T	ACOUSTICAL BLOCK
04 20 00-U	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, SMOOTH)
04 20 00-V	CALCIUM SILICATE MASONRY UNIT (LARGE FORMAT, SMOOTH)
04 20 00-W	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, ROUGH)
04 20 00-X	4" GROUND FACE CONCRETE MASONRY UNIT
04 72 00-A	CAST STONE SILL - SEE SIZE ON DRAWING 10/A430
04 72 00-B	CAST STONE
05 12 00-A	STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL
05 12 00-B	STEEL ANGLE- SEE STRUCTURAL
05 12 00-C	STEEL BENT PLATE- SEE STRUCTURAL
05 12 00-D	STEEL BEAM- SEE STRUCTURAL
05 12 00-E	STEEL COLUMN - SEE STRUCTURAL
05 12 00-F	STEEL PLATE - SEE STRUCTURAL
05 21 00-A	STEEL JOIST- SEE STRUCTURAL
05 31 00-A	METAL ROOF DECKING- SEE STRUCTURAL
05 31 00-B	METAL FLOOR DECKING- SEE STRUCTURAL
05 40 00-A	6" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-B	2 1/2" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-C	3 5/8" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-D	6"x6" 10 GA. COLD FORMED STEEL ANGLE, CUT TO FIT. ATTACH JAMB TO HEAD
05 40 00-F	CLIP ANGLE
05 40 00-J	3" 16GA. GALVANIZED Z-BAR SUB GIRTS
05 40 00-L	7/8" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 40 00-M	1 1/2" (MIN. 16GA) GALVANIZED HAT CHANNELS
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05 50 00-B	GALVANIZED STEEL BRICK LINTEL
05 50 00-E	PRE-MANUFACTURED ALUMINUM ACCESS LADDER
05 50 00-F	ELEVATOR HOIST BEAM- COORDINATE WITH ELEVATOR MANUFACTURER
05 51 00-A	MANUFACTURED STEEL FRAMED STAIR
05 51 00-B	CONCRETE FILLED METAL PAN TREAD AND RISER
05 51 00-C	STAIR METAL STRINGER- CHANNEL
05 51 00-D	STAIR METAL STRINGER - TUBE
05 52 13-E	1-1/4" I.D. PAINTED STEEL PIPE RAILING
05 52 13-F	1-1/4" I.D. PAINTED STEEL PIPE HANDRAIL
05 52 13-G	1-1/4" I.D. PAINTED GALVANIZED STEEL PIPE RAILING
05 52 13-U	1-1/2" O.D. GALVANIZED STEEL PIPE GUARDRAIL
05 73 00-A	DECORATIVE METAL RAILING
05 73 00-B	1-1/4" I.D. COLOR ANODIZED ALUMINUM HANDRAIL
06 10 00-A	SHIM AS REQUIRED
06 10 00-B	2X WOOD BLOCKING
06 16 00-A	3/4" EXTERIOR GRADE PLYWOOD
06 16 00-B	5/8" EXTERIOR GRADE PLYWOOD
06 16 00-C	TWO LAYERS OF 3/4" EXTERIOR GRADE PLYWOOD
06 16 00-D	1/2" EXTERIOR GRADE PLYWOOD
06 16 00-E	5/8" EXTERIOR GYPSUM SHEATHING
06 40 00-A	1 1/2" WOOD TRIM
06 40 00-B	SOILD SURFACE WINDOW STOOL
06 40 00-G	1X HARDWOOD TRIM, STAINED
07 13 26-A	SELF-ADHEREING SHEET WATERPROOFING
07 13 26-B	RIGID INSULATION
07 13 26-C	MOLDED SHEET DRAINAGE PANEL
07 21 00-A	SLAB PERIMETER RIGID INSULATION (R-15 FOR 24")
07 21 00-J	PACK FULL WITH MINERAL WOOL INSULATION
07 21 00-K	3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8)
07 21 00-L	3" THERMALLY ISOLATED COMPOSITE Z-GIRT INSULATION SYSTEM
07 21 00-N	MINERAL WOOL BATT INSULATION
07 27 26-A	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE
07 27 26-B	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE, EXTEND AROUND BLOCK TO UNDER WINDOW / PARAPET
07 31 13-A	ASPHALT SHINGLE ROOF
07 42 13-A	PRE-FINISHED METAL WALL PANEL
07 42 13-B	METAL WALL PANEL
07 42 13-C	METAL WALL PANEL - SOFFIT
07 42 13-E	FLASHING WITH DRIP EDGE
07 42 13-F	EXTRUDED TRIM BY MFR
07 42 13-G	THROUGH WALL FLASHING WITH PERFORMED METAL DRIP EDGE
07 54 19-A	POLYVINYL-CHLORIDE (PVC) MEMBRANE ROOFING SYSTEM
07 54 19-B	1/2" COVER BOARD
07 54 19-C	TAPERED POLYISO INSULATION BOARD
07 54 19-D	2 LAYERS OF 2" POLYISO INSULATION BOARD (TOTAL R-VALUE = 22.8)
07 54 19-E	MEMBRANE ROOFING-EXTEND OVER & ATTACH TO FRONT FACE OF PARAPET
07 54 19-F	1 1/2" POLYISO INSULATION BOARD
07 54 19-G	TERMINATION BAR, SET IN WATER CUT OFF MASTIC.
07 62 00-C	FASCIA CLADDING
07 62 00-J	DRIP EDGE
07 62 00-M	PRE-FINISHED METAL GUTTER
07 62 00-N	PREFINISHED METAL DOWNSPOUT
07 71 00-A	MANUFACTURED COPING
07 71 00-B	MANUFACTURED GRAVEL STOP
07 71 00-C	MANUFACTURED FASCIA CLADDING
07 71 00-D	MANUFACTURED COUNTERFLASHING SYSTEM
07 71 00-E	MANUFACTURED GUTTER
07 71 00-F	MANUFACTURED DOWNSPOUT
07 71 00-H	MANUFACTURED DRIP EDGE
07 71 29-A	MANUFACTURED ROOF EXPANSION JOINT ASSEMBLY
07 71 29-B	MANUFACTURED ROOF TO WALL EXPANSION JOINT ASSEMBLY
07 84 13-A	PENETRATION FIRESTOPPING
07 92 00-A	SEALANT
07 92 00-B	SEALANT EACH SIDE, TYPICAL
07 95 13.13-A	INTERIOR EXPANSION JOINT COVER ASSEMBLY
07 95 13.16-A	EXTERIOR EXPANSION JOINT COVER ASSEMBLY
08 11 13-A	HOLLOW METAL DOOR/BORROWED LIGHT FRAME
08 11 13-B	HOLLOW METAL DOOR
08 14 16-A	FLUSH WOOD DOOR
08 33 13-A	OVERHEAD COILING COUNTER DOOR
08 33 13-B	OVERHEAD COILING COUNTER GRILLE
08 33 13-C	INSULATED COILING COUNTER DOOR
08 33 13-E	GUIDE
08 33 23-A	OVERHEAD COILING DOOR
08 33 23-J	BREAK METAL TO MATCH DOOR GUIDE FINISH
08 33 23-K	OVERHEAD COILING DOOR WITH INTEGRATED PASS DOOR
08 41 13-A	4 1/2" ALUMINUM-FRAMED STOREFRONT
08 41 13-B	WIDE STYLE ALUMINUM ENTRANCE DOOR
08 41 13-C	ALUMINUM BRAKE METAL TO MATCH STOREFRONT FRAME
08 44 13-A	7 1/2" DEEP ALUMINUM CURTAINWALL SYSTEM
08 44 13-C	CURTAINWALL ATTACHMENT MEMBER, ALLOW FOR THERMAL MOVEMENT
08 44 13-D	ALUMINUM BREAKMETAL TO MATCH CURTAINWALL FRAME
08 44 13-F	10" DEEP ALUMINUM CURTAINWALL SYSTEM
08 80 00-A	GLAZING - SEE SCHEDULE/ELEVATIONS
08 80 00-B	SPANDREL PANEL - SEE SCHEDULE/ELEVATIONS
08 91 19-A	FIXED LOUVER
09 22 16-D	7/8" FURRING CHANNEL
09 22 16-G	2 1/2" STEEL STUD
09 22 16-H	3 5/8" STEEL STUD
09 22 16-K	6" STEEL STUD
09 29 00-B	5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE)
09 29 00-D	SOUND ATTENUATION INSULATION
09 29 00-E	SUSPENDED GYPSUM BOARD CEILING ASSEMBLY
09 51 13-A	ACOUSTICAL CEILING SUSPENSION ASSEMBLY
09 51 13-C	SUSPENDED CEILING METAL EDGE TRIM
09 82 00-A	SOUND DIFFUSIVE WOOD UNITS
10 14 23-A	PANEL SIGNAGE
10 82 00-A	ROOF AND WALL SCREENS
12 24 13	
12 24 13-A	ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE
14 24 00-D	PIT LADDER
31 20 00-C	DRAINING GRANULAR FILL
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32 31 13-A	CHAIN-LINK FENCE- SEE LANDSCAPE SHEETS
32 31 19-A	ORNAMENTAL FENCE- SEE LANDSCAPE SHEETS

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

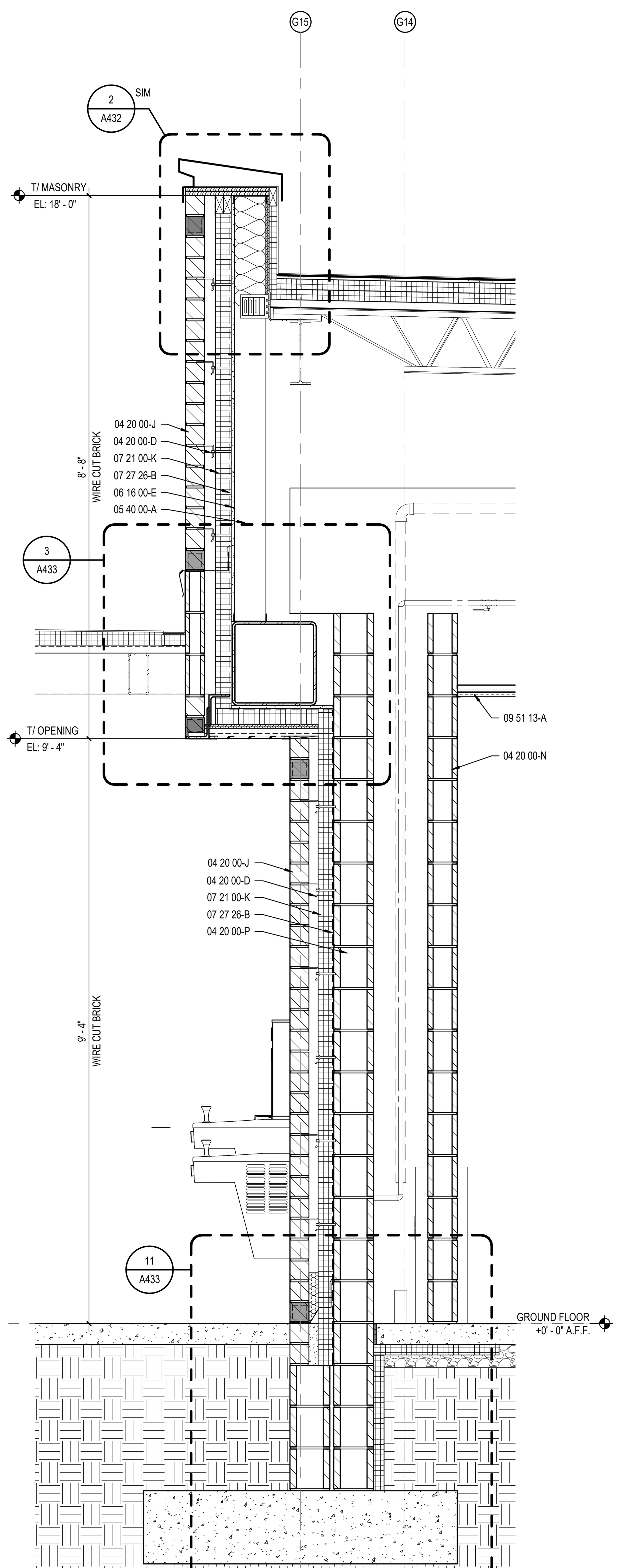
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
WALL SECTIONS

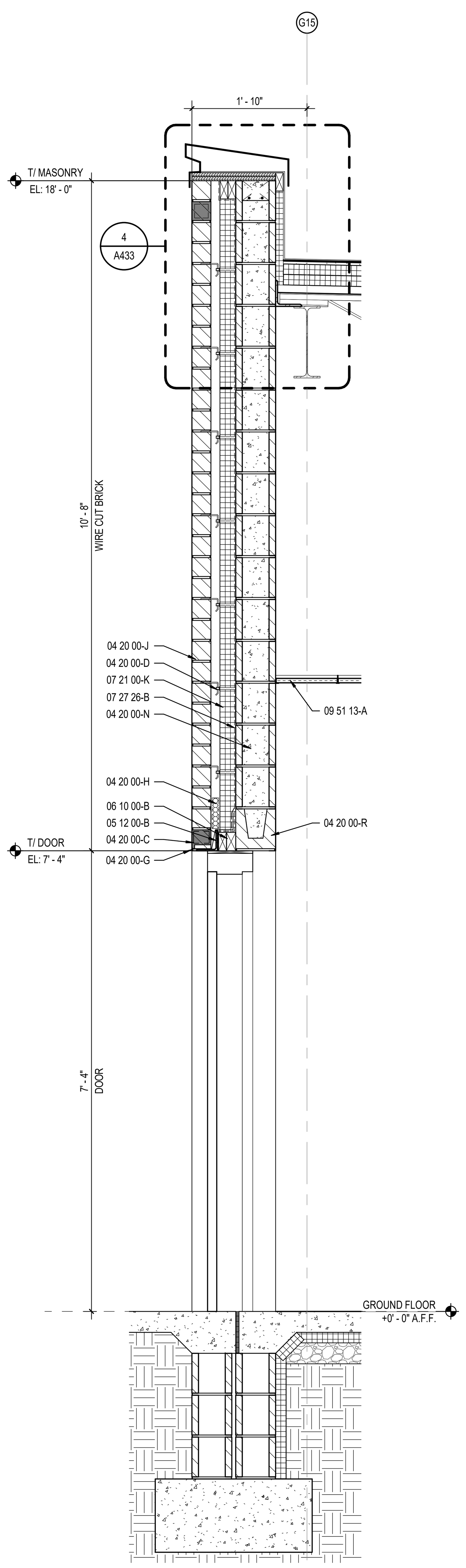
CERTIFIED BY:
BRENTON C. HITE REGISTERED No. AR11700184 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
A404

PROJECT NUMBER
2023061



4
A405
WALL SECTION
SCALE: 3/4" = 1'-0"



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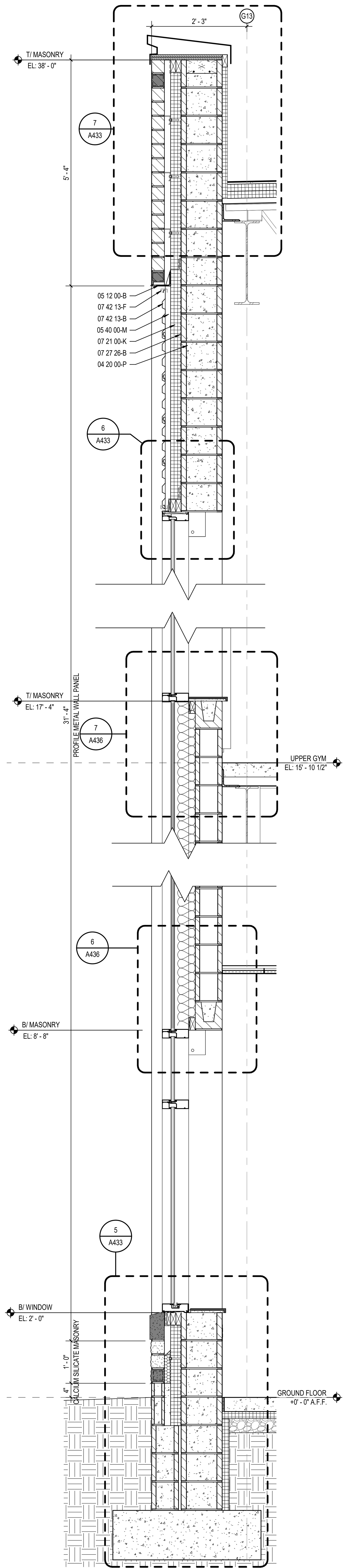
WALL SECTION
SCALE: 3/4" = 1'-0"



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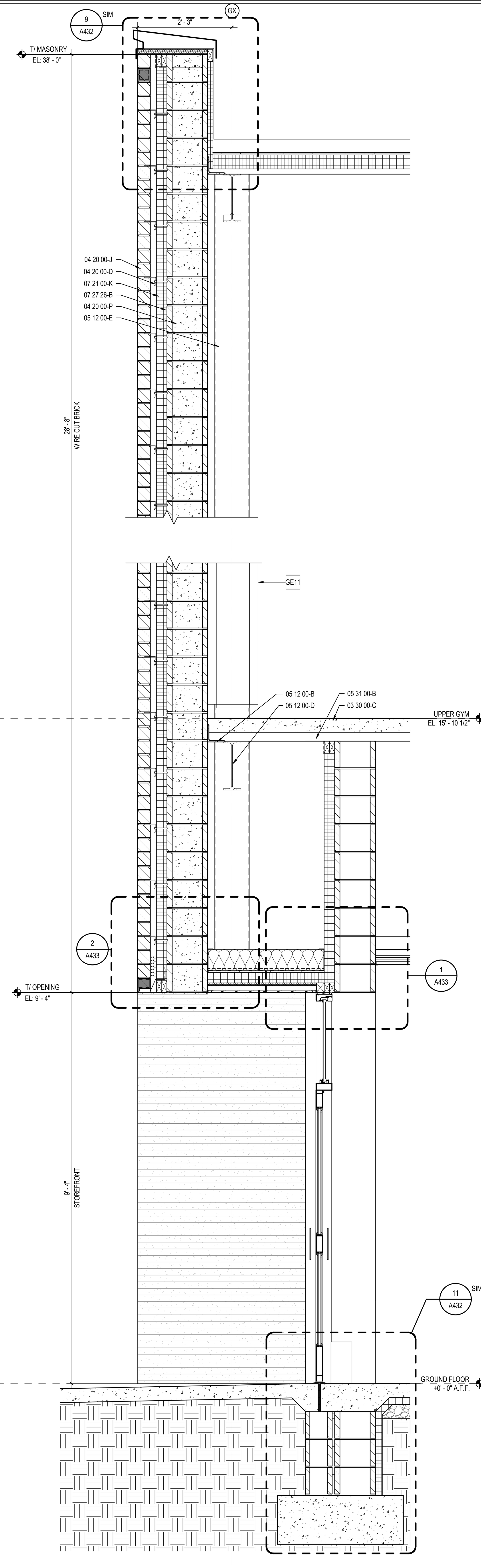
WALL SECTION
SCALE: 3/4" = 1'-0"



1
A405
WALL SECTION
SCALE: 3/4" = 1'-0"

KEYNOTE LEGEND

03 30 00-A	WATERSTOP
03 30 00-B	CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL
03 30 00-C	CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL
03 30 00-D	CONCRETE FOUNDATION- SEE STRUCTURAL
03 30 00-E	CONCRETE FOOTING- SEE STRUCTURAL
03 30 00-F	1/2" EXPANSION MATERIAL
04 20 00-A	GROUT CORE SOLID
04 20 00-B	MASONRY TIE
04 20 00-C	CELL WEEP VENTS @ 16" O.C.
04 20 00-D	ADJUSTIBLE MASONRY VENEER ANCHOR AT 16" O.C. VERTICALLY
04 20 00-F	METAL FLASHING
04 20 00-G	THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE
04 20 00-H	CAVITY DRAINAGE MATERIAL
04 20 00-J	BRICK TYPE 1 (WIRE CUT)
04 20 00-K	BRICK TYPE 2 (SMOOTH FACE)
04 20 00-K.1	BRICK TYPE 2 (SOLDIER COURSE) - SEE SIZE ON DRAWING 10/A430
04 20 00-L	4" CONCRETE MASONRY UNIT
04 20 00-M	6" CONCRETE MASONRY UNIT
04 20 00-N	8" CONCRETE MASONRY UNIT
04 20 00-O	10" CONCRETE MASONRY UNIT
04 20 00-P	12" CONCRETE MASONRY UNIT
04 20 00-Q	BULLNOSE UNIT
04 20 00-R	BOND BEAM MASONRY UNIT
04 20 00-S	DECORATIVE CMU (GROUND FACE)
04 20 00-T	ACOUSTICAL BLOCK
04 20 00-U	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, SMOOTH)
04 20 00-V	CALCIUM SILICATE MASONRY UNIT (LARGE FORMAT, SMOOTH)
04 20 00-W	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, ROUGH)
04 20 00-X	4" GROUND FACE CONCRETE MASONRY UNIT
04 72 00-A	CAST STONE SILL - SEE SIZE ON DRAWING 10/A430
04 72 00-B	CAST STONE
05 12 00-A	STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL
05 12 00-B	STEEL ANGLE- SEE STRUCTURAL
05 12 00-C	STEEL BENT PLATE- SEE STRUCTURAL
05 12 00-D	STEEL BEAM- SEE STRUCTURAL
05 12 00-E	STEEL COLUMN - SEE STRUCTURAL
05 12 00-F	STEEL PLATE - SEE STRUCTURAL
05 21 00-A	STEEL JOIST- SEE STRUCTURAL
05 31 00-A	METAL ROOF DECKING- SEE STRUCTURAL
05 31 00-B	METAL FLOOR DECKING- SEE STRUCTURAL
05 40 00-A	6" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-B	2 1/2" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-C	3 5/8" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-D	6"x6" 10 GA. COLD FORMED STEEL ANGLE, CUT TO FIT. ATTACH JAMB TO HEAD
05 40 00-F	CLIP ANGLE
05 40 00-J	3" 16GA. GALVANIZED Z-BAR SUB GIRTS
05 40 00-L	7/8" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 40 00-M	1 1/2" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 50 00-A	MISCELLANEOUS STEEL - SEE STRUCTURAL
05 50 00-B	GALVANIZED STEEL BRICK LINTEL
05 50 00-E	PRE-MANUFACTURED ALUMINUM ACCESS LADDER
05 50 00-F	ELEVATOR HOIST BEAM- COORDINATE WITH ELEVATOR MANUFACTURER
05 51 00-A	MANUFACTURED STEEL FRAMED STAIR
05 51 00-B	CONCRETE FILLED METAL PAN TREAD AND RISER
05 51 00-C	STAIR METAL STRINGER- CHANNEL
05 51 00-D	STAIR METAL STRINGER - TUBE
05 52 13-E	1-1/4" I.D. PAINTED STEEL PIPE RAILING
05 52 13-F	1-1/4" I.D. PAINTED STEEL PIPE HANDRAIL
05 52 13-G	1-1/4" I.D. PAINTED GALVANIZED STEEL PIPE RAILING
05 52 13-U	1-1/2" O.D. GALVANIZED STEEL PIPE GUARDRAIL
05 73 00-A	DECORATIVE METAL RAILING
05 73 00-B	1-1/4" I.D. COLOR ANODIZED ALUMINUM HANDRAIL
06 10 00-A	SHIM AS REQUIRED
06 10 00-B	2X WOOD BLOCKING
06 16 00-A	3/4" EXTERIOR GRADE PLYWOOD
06 16 00-B	5/8" EXTERIOR GRADE PLYWOOD
06 16 00-C	TWO LAYERS OF 3/4" EXTERIOR GRADE PLYWOOD
06 16 00-D	1/2" EXTERIOR GRADE PLYWOOD
06 16 00-E	5/8" EXTERIOR GYPSUM SHEATHING
06 40 00-A	1 1/2" WOOD TRIM
06 40 00-B	SOILD SURFACE WINDOW STOOL
06 40 00-G	1X HARDWOOD TRIM, STAINED
07 13 26-A	SELF-ADHEREING SHEET WATERPROOFING
07 13 26-B	RIGID INSULATION
07 13 26-C	MOLDED SHEET DRAINAGE PANEL
07 21 00-A	SLAB PERIMETER RIGID INSULATION (R-15 FOR 24")
07 21 00-J	PACK FULL WITH MINERAL WOOL INSULATION
07 21 00-K	3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8)
07 21 00-L	3" THERMALLY ISOLATED COMPOSITE Z-GIRT INSULATION SYSTEM
07 21 00-N	MINERAL WOOL BATT INSULATION
07 27 26-A	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE
07 27 26-B	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE, EXTEND AROUND BLOCK TO UNDER WINDOW / PARAPET
07 31 13-A	ASPHALT SHINGLE ROOF
07 42 13-A	PRE-FINISHED METAL WALL PANEL
07 42 13-B	METAL WALL PANEL
07 42 13-C	METAL WALL PANEL - SOFFIT
07 42 13-E	FLASHING WITH DRIP EDGE
07 42 13-F	EXTRUDED TRIM BY MFR
07 42 13-G	THROUGH WALL FLASHING WITH PERFORMED METAL DRIP EDGE
07 54 19-A	POLYVINYL-CHLORIDE (PVC) MEMBRANE ROOFING SYSTEM
07 54 19-B	1/2" COVER BOARD
07 54 19-C	TAPERED POLYISO INSULATION BOARD
07 54 19-D	2 LAYERS OF 2" POLYISO INSULATION BOARD (TOTAL R-VALUE = 22.8)
07 54 19-E	MEMBRANE ROOFING-EXTEND OVER & ATTACH TO FRONT FACE OF PARAPET
07 54 19-F	1 1/2" POLYISO INSULATION BOARD
07 54 19-G	TERMINATION BAR, SET IN WATER CUT OFF MASTIC.
07 62 00-C	FASCIA CLADDING
07 62 00-J	DRIP EDGE
07 62 00-M	PRE-FINISHED METAL GUTTER
07 62 00-N	PREFINISHED METAL DOWNSPOUT
07 71 00-A	MANUFACTURED COPING
07 71 00-B	MANUFACTURED GRAVEL STOP
07 71 00-C	MANUFACTURED FASCIA CLADDING
07 71 00-D	MANUFACTURED COUNTERFLASHING SYSTEM
07 71 00-E	MANUFACTURED GUTTER
07 71 00-F	MANUFACTURED DOWNSPOUT
07 71 00-H	MANUFACTURED DRIP EDGE
07 71 29-A	MANUFACTURED ROOF EXPANSION JOINT ASSEMBLY
07 71 29-B	MANUFACTURED ROOF TO WALL EXPANSION JOINT ASSEMBLY
07 84 13-A	PENETRATION FIRESTOPPING
07 92 00-A	SEALANT
07 92 00-B	SEALANT EACH SIDE, TYPICAL
07 95 13.13-A	INTERIOR EXPANSION JOINT COVER ASSEMBLY
07 95 13.16-A	EXTERIOR EXPANSION JOINT COVER ASSEMBLY
08 11 13-A	HOLLOW METAL DOOR/BORROWED LIGHT FRAME
08 11 13-B	HOLLOW METAL DOOR
08 14 16-A	FLUSH WOOD DOOR
08 33 13-A	OVERHEAD COILING COUNTER DOOR
08 33 13-B	OVERHEAD COILING COUNTER GRILLE
08 33 13-C	INSULATED COILING COUNTER DOOR
08 33 13-E	GUIDE
08 33 23-A	OVERHEAD COILING DOOR
08 33 23-J	BREAK METAL TO MATCH DOOR GUIDE FINISH
08 33 23-K	OVERHEAD COILING DOOR WITH INTEGRATED PASS DOOR
08 41 13-A	4 1/2" ALUMINUM-FRAMED STOREFRONT
08 41 13-B	WIDE STYLE ALUMINUM ENTRANCE DOOR
08 41 13-C	ALUMINUM BRAKE METAL TO MATCH STOREFRONT FRAME
08 44 13-A	7 1/2" DEEP ALUMINUM CURTAINWALL SYSTEM
08 44 13-C	CURTAINWALL ATTACHMENT MEMBER, ALLOW FOR THERMAL MOVEMENT
08 44 13-D	ALUMINUM BREAKMETAL TO MATCH CURTAINWALL FRAME
08 44 13-F	10" DEEP ALUMINUM CURTAINWALL SYSTEM
08 80 00-A	GLAZING - SEE SCHEDULE/ELEVATIONS
08 80 00-B	SPANDREL PANEL - SEE SCHEDULE/ELEVATIONS
08 91 19-A	FIXED LOUVER
09 22 16-D	7/8" FURRING CHANNEL
09 22 16-G	2 1/2" STEEL STUD
09 22 16-H	3 5/8" STEEL STUD
09 22 16-K	6" STEEL STUD
09 29 00-B	5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE)
09 29 00-D	SOUND ATTENUATION INSULATION
09 29 00-E	SUSPENDED GYPSUM BOARD CEILING ASSEMBLY
09 51 13-A	ACOUSTICAL CEILING SUSPENSION ASSEMBLY
09 51 13-C	SUSPENDED CEILING METAL EDGE TRIM
09 82 00-A	SOUND DIFFUSIVE WOOD UNITS
10 14 23-A	PANEL SIGNAGE
10 82 00-A	ROOF AND WALL SCREENS
12 24 13	
12 24 13-A	ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE
14 24 00-D	PIT LADDER
31 20 00-C	DRAINING GRANULAR FILL
32 13 16-A	SIDEWALK- SEE LANDSCAPE SHEETS
32 31 13-A	CHAIN-LINK FENCE- SEE LANDSCAPE SHEETS
32 31 19-A	ORNAMENTAL FENCE- SEE LANDSCAPE SHEETS

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

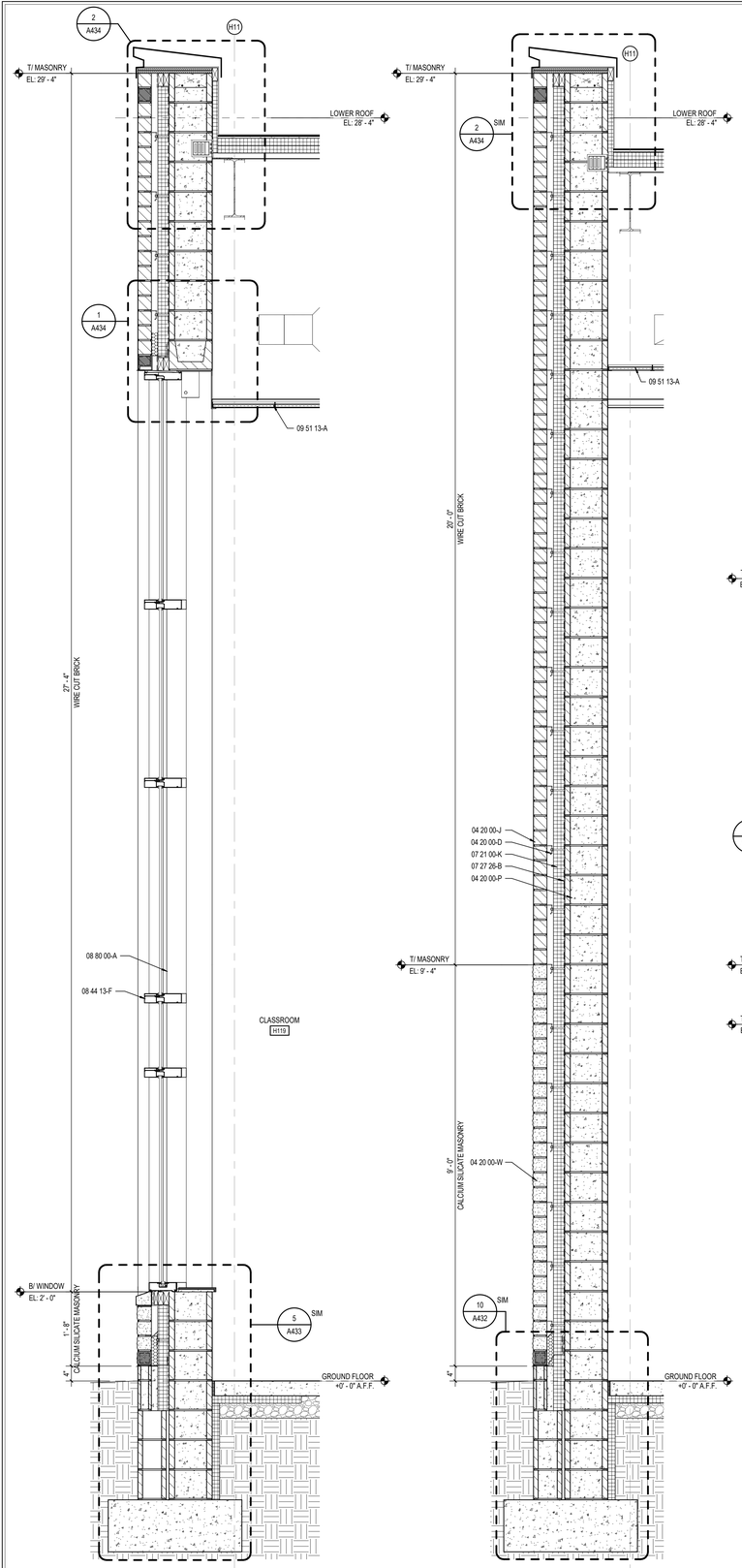
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
WALL SECTIONS

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

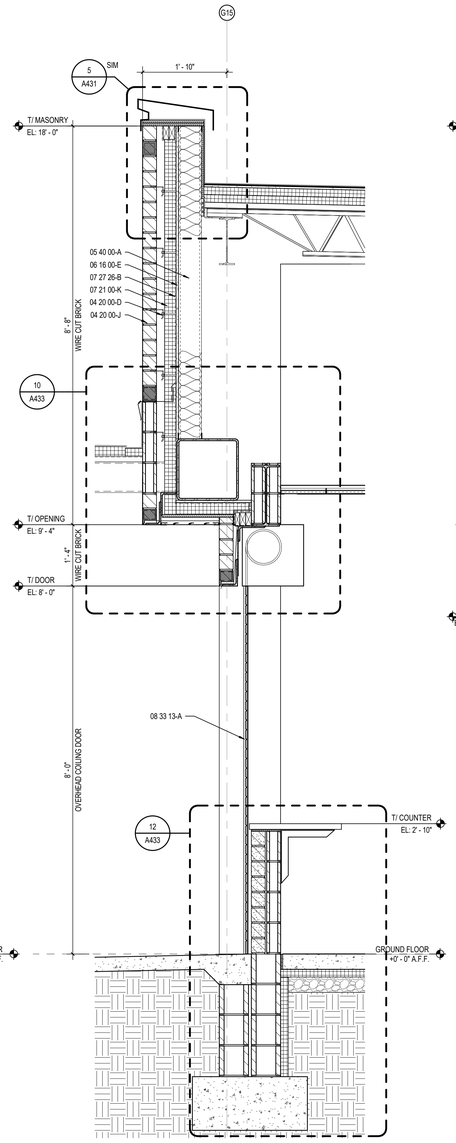
DRAWING NUMBER
A405

PROJECT NUMBER
2023061

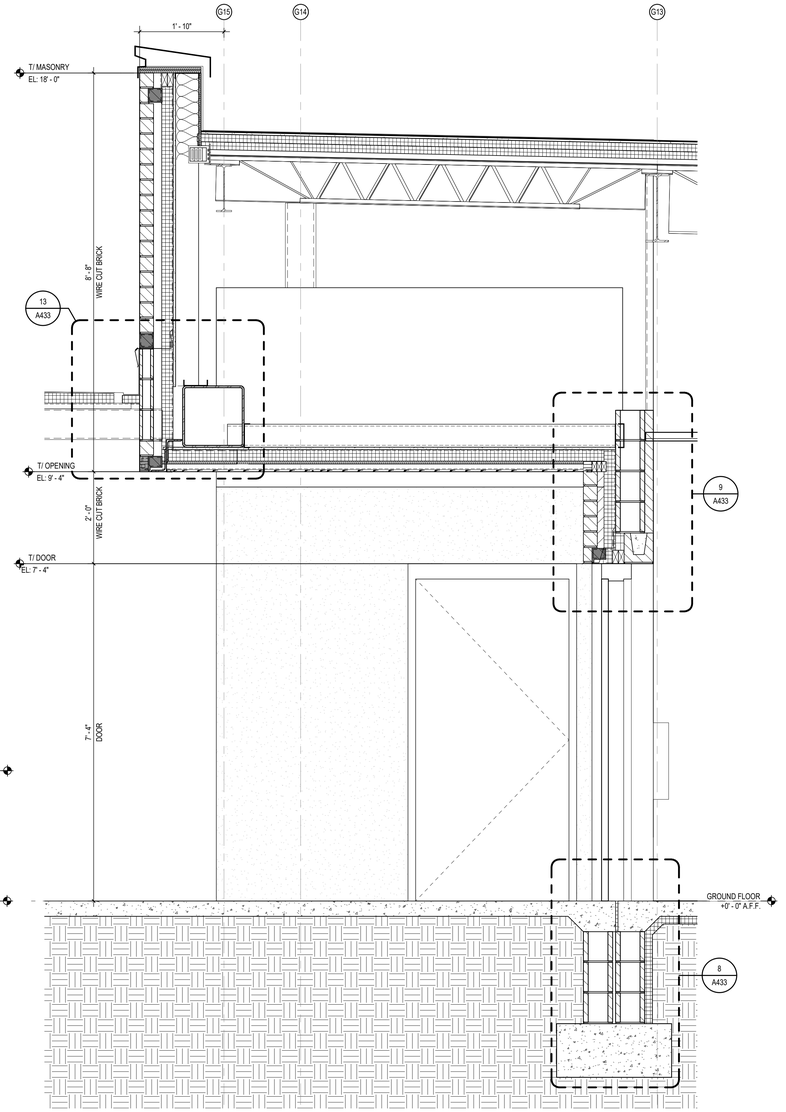


4 WALL SECTION
A406 SCALE: 3/4" = 1'-0"

3 WALL SECTION
A406 SCALE: 3/4" = 1'-0"



2 WALL SECTION
A406 SCALE: 3/4" = 1'-0"



1 WALL SECTION
A406 SCALE: 3/4" = 1'-0"

KEYNOTE LEGEND

03 30 00-A	WATERSTOP
03 30 00-B	CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL
03 30 00-C	CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL
03 30 00-D	CONCRETE FOUNDATION- SEE STRUCTURAL
03 30 00-E	CONCRETE FOOTING- SEE STRUCTURAL
03 30 00-F	1/2" EXPANSION MATERIAL
04 20 00-A	GROUT CORE SOLID
04 20 00-B	MASONRY TIE
04 20 00-C	CELL WEEP VENTS @ 16" O.C.
04 20 00-D	ADJUSTIBLE MASONRY VENEER ANCHOR AT 16" O.C. VERTICALLY
04 20 00-F	METAL FLASHING
04 20 00-G	THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE
04 20 00-H	CAVITY DRAINAGE MATERIAL
04 20 00-J	BRICK TYPE 1 (WIRE CUT)
04 20 00-K	BRICK TYPE 2 (SMOOTH FACE)
04 20 00-K.1	BRICK TYPE 2 (SOLDIER COURSE) - SEE SIZE ON DRAWING 10/A430
04 20 00-L	4" CONCRETE MASONRY UNIT
04 20 00-M	6" CONCRETE MASONRY UNIT
04 20 00-N	8" CONCRETE MASONRY UNIT
04 20 00-O	10" CONCRETE MASONRY UNIT
04 20 00-P	12" CONCRETE MASONRY UNIT
04 20 00-Q	BULLNOSE UNIT
04 20 00-R	BOND BEAM MASONRY UNIT
04 20 00-S	DECORATIVE CMU (GROUND FACE)
04 20 00-T	ACOUSTICAL BLOCK
04 20 00-U	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, SMOOTH)
04 20 00-V	CALCIUM SILICATE MASONRY UNIT (LARGE FORMAT, SMOOTH)
04 20 00-W	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, ROUGH)
04 20 00-X	4" GROUND FACE CONCRETE MASONRY UNIT
04 72 00-A	CAST STONE SILL - SEE SIZE ON DRAWING 10/A430
04 72 00-B	CAST STONE
05 12 00-A	STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL
05 12 00-B	STEEL ANGLE- SEE STRUCTURAL
05 12 00-C	STEEL BENT PLATE- SEE STRUCTURAL
05 12 00-D	STEEL BEAM- SEE STRUCTURAL
05 12 00-E	STEEL COLUMN - SEE STRUCTURAL
05 12 00-F	STEEL PLATE - SEE STRUCTURAL
05 21 00-A	STEEL JOIST- SEE STRUCTURAL
05 31 00-A	METAL ROOF DECKING- SEE STRUCTURAL
05 31 00-B	METAL FLOOR DECKING- SEE STRUCTURAL
05 40 00-A	6" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-B	2 1/2" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-C	3 5/8" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-D	6"x6" 10 GA. COLD FORMED STEEL ANGLE, CUT TO FIT. ATTACH JAMB TO HEAD
05 40 00-F	CLIP ANGLE
05 40 00-J	3" 16GA. GALVANIZED Z-BAR SUB GIRTS
05 40 00-L	7/8" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 40 00-M	1 1/2" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 50 00-A	MISCELLANEOUS STEEL - SEE STRUCTURAL
05 50 00-B	GALVANIZED STEEL BRICK LINTEL
05 50 00-E	PRE-MANUFACTURED ALUMINUM ACCESS LADDER
05 50 00-F	ELEVATOR HOIST BEAM- COORDINATE WITH ELEVATOR MANUFACTURER
05 51 00-A	MANUFACTURED STEEL FRAMED STAIR
05 51 00-B	CONCRETE FILLED METAL PAN TREAD AND RISER
05 51 00-C	STAIR METAL STRINGER- CHANNEL
05 51 00-D	STAIR METAL STRINGER - TUBE
05 52 13-E	1-1/4" I.D. PAINTED STEEL PIPE RAILING
05 52 13-F	1-1/4" I.D. PAINTED STEEL PIPE HANDRAIL
05 52 13-G	1-1/4" I.D. PAINTED GALVANIZED STEEL PIPE RAILING
05 52 13-U	1-1/2" O.D. GALVANIZED STEEL PIPE GUARDRAIL
05 73 00-A	DECORATIVE METAL RAILING
05 73 00-B	1-1/4" I.D. COLOR ANODIZED ALUMINUM HANDRAIL
06 10 00-A	SHIM AS REQUIRED
06 10 00-B	2X WOOD BLOCKING
06 16 00-A	3/4" EXTERIOR GRADE PLYWOOD
06 16 00-B	5/8" EXTERIOR GRADE PLYWOOD
06 16 00-C	TWO LAYERS OF 3/4" EXTERIOR GRADE PLYWOOD
06 16 00-D	1/2" EXTERIOR GRADE PLYWOOD
06 16 00-E	5/8" EXTERIOR GYPSUM SHEATHING
06 40 00-A	1 1/2" WOOD TRIM
06 40 00-B	SOILD SURFACE WINDOW STOOL
06 40 00-G	1X HARDWOOD TRIM, STAINED
07 13 26-A	SELF-ADHEREING SHEET WATERPROOFING
07 13 26-B	RIGID INSULATION
07 13 26-C	MOLDED SHEET DRAINAGE PANEL
07 21 00-A	SLAB PERIMETER RIGID INSULATION (R-15 FOR 24")
07 21 00-J	PACK FULL WITH MINERAL WOOL INSULATION
07 21 00-K	3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8)
07 21 00-L	3" THERMALLY ISOLATED COMPOSITE Z-GIRT INSULATION SYSTEM
07 21 00-N	MINERAL WOOL BATT INSULATION
07 27 26-A	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE
07 27 26-B	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE, EXTEND AROUND BLOCK TO UNDER WINDOW / PARAPET
07 31 13-A	ASPHALT SHINGLE ROOF
07 42 13-A	PRE-FINISHED METAL WALL PANEL
07 42 13-B	METAL WALL PANEL
07 42 13-C	METAL WALL PANEL - SOFFIT
07 42 13-E	FLASHING WITH DRIP EDGE
07 42 13-F	EXTRUDED TRIM BY MFR
07 42 13-G	THROUGH WALL FLASHING WITH PERFORMED METAL DRIP EDGE
07 54 19-A	POLYVINYL-CHLORIDE (PVC) MEMBRANE ROOFING SYSTEM
07 54 19-B	1/2" COVER BOARD
07 54 19-C	TAPERED POLYISO INSULATION BOARD
07 54 19-D	2 LAYERS OF 2" POLYISO INSULATION BOARD (TOTAL R-VALUE = 22.8)
07 54 19-E	MEMBRANE ROOFING-EXTEND OVER & ATTACH TO FRONT FACE OF PARAPET
07 54 19-F	1 1/2" POLYISO INSULATION BOARD
07 54 19-G	TERMINATION BAR. SET IN WATER CUT OFF MASTIC.
07 62 00-C	FASCIA CLADDING
07 62 00-J	DRIP EDGE
07 62 00-M	PRE-FINISHED METAL GUTTER
07 62 00-N	PREFINISHED METAL DOWNSPOUT
07 71 00-A	MANUFACTURED COPING
07 71 00-B	MANUFACTURED GRAVEL STOP
07 71 00-C	MANUFACTURED FASCIA CLADDING
07 71 00-D	MANUFACTURED COUNTERFLASHING SYSTEM
07 71 00-E	MANUFACTURED GUTTER
07 71 00-F	MANUFACTURED DOWNSPOUT
07 71 00-H	MANUFACTURED DRIP EDGE
07 71 29-A	MANUFACTURED ROOF EXPANSION JOINT ASSEMBLY
07 71 29-B	MANUFACTURED ROOF TO WALL EXPANSION JOINT ASSEMBLY
07 84 13-A	PENETRATION FIRESTOPPING
07 92 00-A	SEALANT
07 92 00-B	SEALANT EACH SIDE, TYPICAL
07 95 13.13-A	INTERIOR EXPANSION JOINT COVER ASSEMBLY
07 95 13.16-A	EXTERIOR EXPANSION JOINT COVER ASSEMBLY
08 11 13-A	HOLLOW METAL DOOR/BORROWED LIGHT FRAME
08 11 13-B	HOLLOW METAL DOOR
08 14 16-A	FLUSH WOOD DOOR
08 33 13-A	OVERHEAD COILING COUNTER DOOR
08 33 13-B	OVERHEAD COILING COUNTER GRILLE
08 33 13-C	INSULATED COILING COUNTER DOOR
08 33 13-E	GUIDE
08 33 23-A	OVERHEAD COILING DOOR
08 33 23-J	BREAK METAL TO MATCH DOOR GUIDE FINISH
08 33 23-K	OVERHEAD COILING DOOR WITH INTEGRATED PASS DOOR
08 41 13-A	4 1/2" ALUMINUM-FRAMED STOREFRONT
08 41 13-B	WIDE STYLE ALUMINUM ENTRANCE DOOR
08 41 13-C	ALUMINUM BRAKE METAL TO MATCH STOREFRONT FRAME
08 44 13-A	7 1/2" DEEP ALUMINUM CURTAINWALL SYSTEM
08 44 13-C	CURTAINWALL ATTACHMENT MEMBER, ALLOW FOR THERMAL MOVEMENT
08 44 13-D	ALUMINUM BREAKMETAL TO MATCH CURTAINWALL FRAME
08 44 13-F	10" DEEP ALUMINUM CURTAINWALL SYSTEM
08 80 00-A	GLAZING - SEE SCHEDULE/ELEVATIONS
08 80 00-E	SPANDREL PANEL - SEE SCHEDULE/ELEVATIONS
08 91 19-A	FIXED LOUVER
09 22 16-D	7/8" FURRING CHANNEL
09 22 16-G	2 1/2" STEEL STUD
09 22 16-H	3 5/8" STEEL STUD
09 22 16-K	6" STEEL STUD
09 29 00-B	5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE)
09 29 00-D	SOUND ATTENUATION INSULATION
09 29 00-E	SUSPENDED GYPSUM BOARD CEILING ASSEMBLY
09 51 13-A	ACOUSTICAL CEILING SUSPENSION ASSEMBLY
09 51 13-C	SUSPENDED CEILING METAL EDGE TRIM
09 82 00-A	SOUND DIFFUSIVE WOOD UNITS
10 14 23-A	PANEL SIGNAGE
10 82 00-A	ROOF AND WALL SCREENS
12 24 13	
12 24 13-A	ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE
14 24 00-D	PIT LADDER
31 20 00-C	DRAINING GRANULAR FILL
32 13 16-A	SIDEWALK- SEE LANDSCAPE SHEETS
32 31 13-A	CHAIN-LINK FENCE- SEE LANDSCAPE SHEETS
32 31 19-A	ORNAMENTAL FENCE- SEE LANDSCAPE SHEETS

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
The Trade Contractor shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

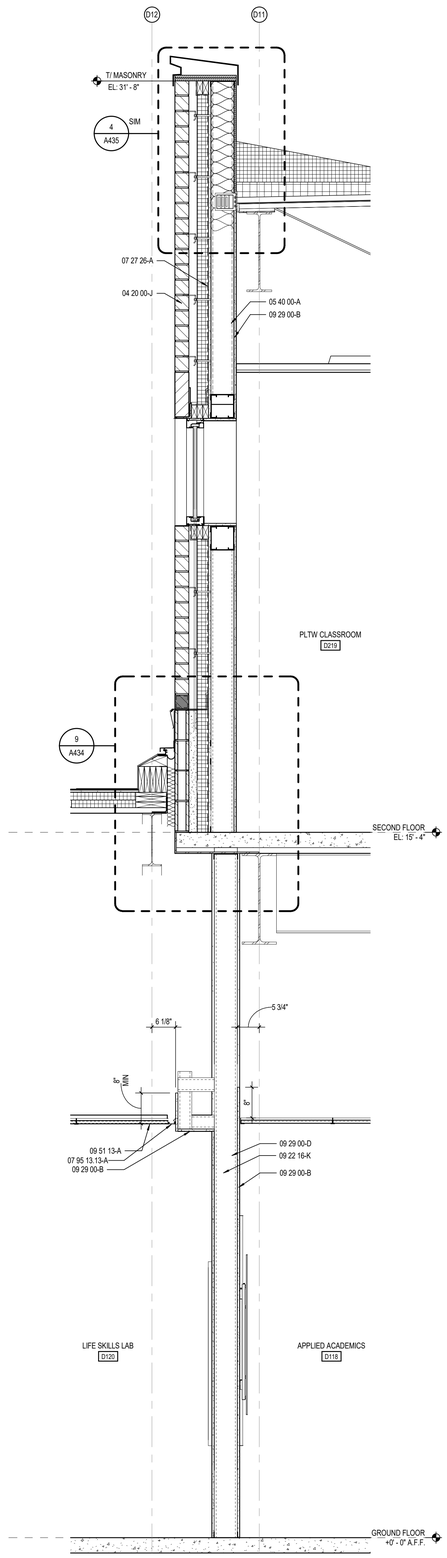
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
WALL SECTIONS

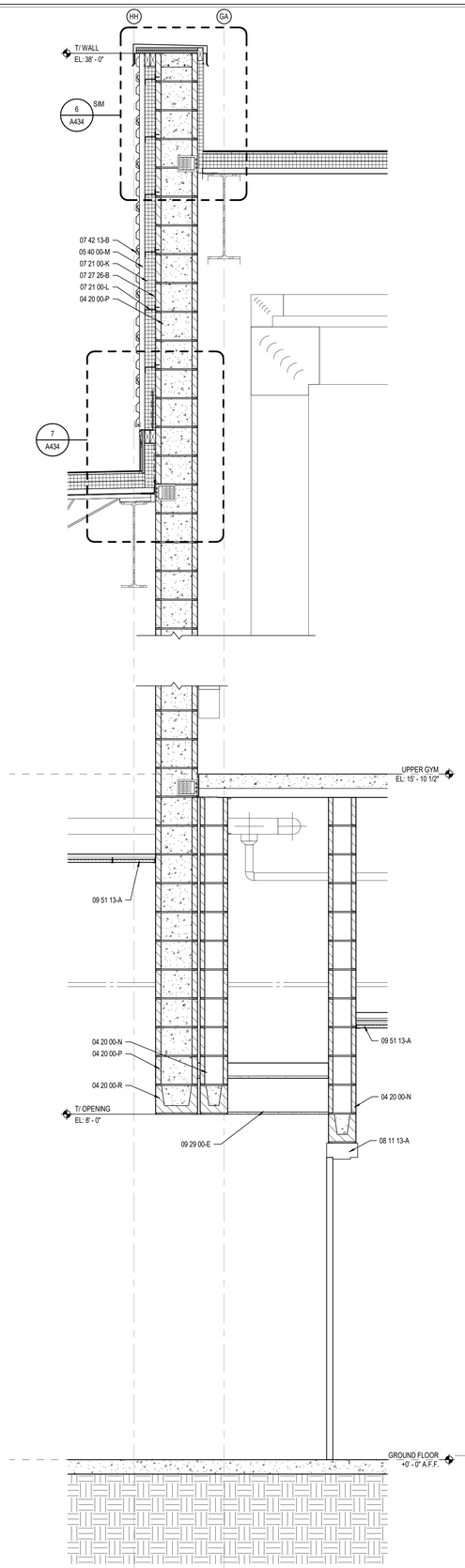
CERTIFIED BY:
BRENTON C. HIDE
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A406

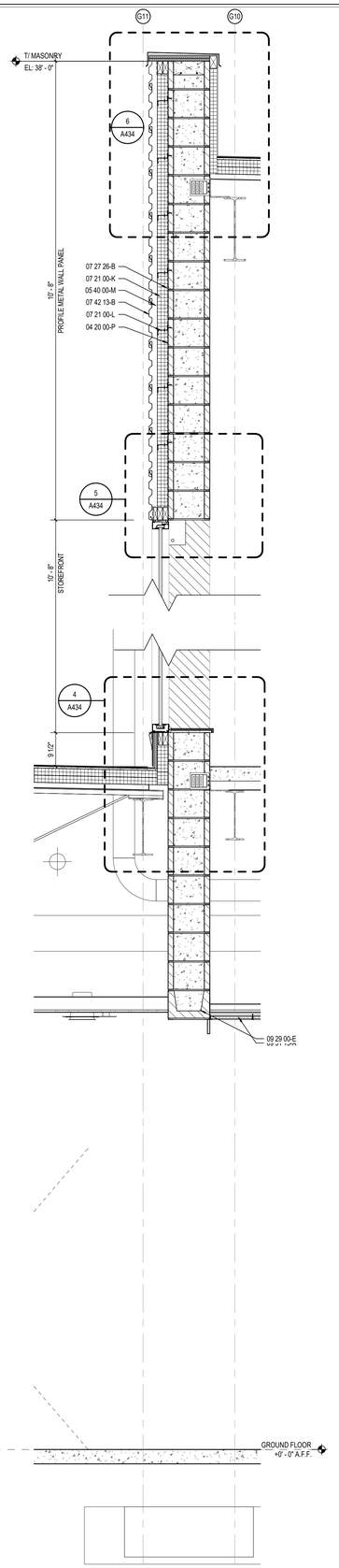
PROJECT NUMBER
2023061



4 A407 WALL SECTION
SCALE: 3/4" = 1'-0"



3 A407 WALL SECTION
SCALE: 3/4" = 1'-0"



2 A407 WALL SECTION
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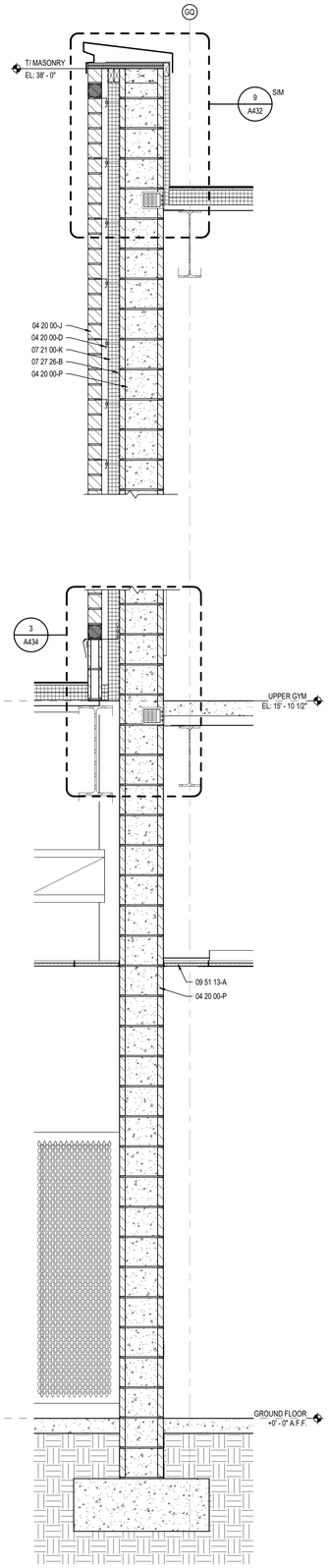

1 A407 WALL SECTION
SCALE: 3/4" = 1'-0"

KEYNOTE LEGEND

03 30 00-A	WATERSTOP
03 30 00-B	CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL
03 30 00-C	CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL
03 30 00-D	CONCRETE FOUNDATION- SEE STRUCTURAL
03 30 00-E	CONCRETE FOOTING- SEE STRUCTURAL
03 30 00-F	1/2" EXPANSION MATERIAL
04 20 00-A	GROUT CORE SOLID
04 20 00-B	MASONRY TIE
04 20 00-C	CELL WEEP VENTS @ 16" O.C.
04 20 00-D	ADJUSTIBLE MASONRY VENEER ANCHOR AT 16" O.C. VERTICALLY
04 20 00-F	METAL FLASHING
04 20 00-G	THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE
04 20 00-H	CAVITY DRAINAGE MATERIAL
04 20 00-J	BRICK TYPE 1 (WIRE CUT)
04 20 00-K	BRICK TYPE 2 (SMOOTH FACE)
04 20 00-K.1	BRICK TYPE 2 (SOLDIER COURSE) - SEE SIZE ON DRAWING 10/A430
04 20 00-L	4" CONCRETE MASONRY UNIT
04 20 00-M	6" CONCRETE MASONRY UNIT
04 20 00-N	8" CONCRETE MASONRY UNIT
04 20 00-O	10" CONCRETE MASONRY UNIT
04 20 00-P	12" CONCRETE MASONRY UNIT
04 20 00-Q	BULLNOSE UNIT
04 20 00-R	BOND BEAM MASONRY UNIT
04 20 00-S	DECORATIVE CMU (GROUND FACE)
04 21 00-T	ACOUSTICAL BLOCK
04 20 00-U	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, SMOOTH)
04 20 00-V	CALCIUM SILICATE MASONRY UNIT (LARGE FORMAT, SMOOTH)
04 20 00-W	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, ROUGH)
04 20 00-X	4" GROUND FACE CONCRETE MASONRY UNIT
04 72 00-A	CAST STONE SILL - SEE SIZE ON DRAWING 10/A430
04 72 00-B	CAST STONE
05 12 00-A	STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL
05 12 00-B	STEEL ANGLE- SEE STRUCTURAL
05 12 00-C	STEEL BENT PLATE- SEE STRUCTURAL
05 12 00-D	STEEL BEAM- SEE STRUCTURAL
05 12 00-E	STEEL COLUMN - SEE STRUCTURAL
05 12 00-F	STEEL PLATE - SEE STRUCTURAL
05 21 00-A	STEEL JOIST- SEE STRUCTURAL
05 31 00-A	METAL ROOF DECKING- SEE STRUCTURAL
05 31 00-B	METAL FLOOR DECKING- SEE STRUCTURAL
05 40 00-A	6" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-B	2 1/2" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-C	3 5/8" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-D	6"x6" 10 GA. COLD FORMED STEEL ANGLE, CUT TO FIT. ATTACH JAMB TO HEAD
05 40 00-F	CLIP ANGLE
05 40 00-J	3" 16GA. GALVANIZED Z-BAR SUB GIRTS
05 40 00-L	7/8" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 40 00-M	1 1/2" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 50 00-A	MISCELLANEOUS STEEL - SEE STRUCTURAL
05 50 00-B	GALVANIZED STEEL BRICK LINTEL
05 50 00-E	PRE-MANUFACTURED ALUMINUM ACCESS LADDER
05 50 00-F	ELEVATOR HOIST BEAM- COORDINATE WITH ELEVATOR MANUFACTURER
05 51 00-A	MANUFACTURED STEEL FRAMED STAIR
05 51 00-B	CONCRETE FILLED METAL PAN TREAD AND RISER
05 51 00-C	STAIR METAL STRINGER- CHANNEL
05 51 00-D	STAIR METAL STRINGER - TUBE
05 52 13-E	1-1/4" I.D. PAINTED STEEL PIPE RAILING
05 52 13-F	1-1/4" I.D. PAINTED STEEL PIPE HANDRAIL
05 52 13-G	1-1/4" I.D. PAINTED GALVANIZED STEEL PIPE RAILING
05 52 13-U	1-1/2" O.D. GALVANIZED STEEL PIPE GUARDRAIL
05 73 00-A	DECORATIVE METAL RAILING
05 73 00-B	1-1/4" I.D. COLOR ANODIZED ALUMINUM HANDRAIL
06 10 00-A	SHIM AS REQUIRED
06 10 00-B	2X WOOD BLOCKING
06 16 00-A	3/4" EXTERIOR GRADE PLYWOOD
06 16 00-B	5/8" EXTERIOR GRADE PLYWOOD
06 16 00-C	TWO LAYERS OF 3/4" EXTERIOR GRADE PLYWOOD
06 16 00-D	1/2" EXTERIOR GRADE PLYWOOD
06 16 00-E	5/8" EXTERIOR GYPSUM SHEATHING
06 40 00-A	1 1/2" WOOD TRIM
06 40 00-B	SOILD SURFACE WINDOW STOOL
06 40 00-G	1X HARDWOOD TRIM, STAINED
07 13 26-A	SELF-ADHEREING SHEET WATERPROOFING
07 13 26-B	RIGID INSULATION
07 13 26-C	MOLDED SHEET DRAINAGE PANEL
07 21 00-A	SLAB PERIMETER RIGID INSULATION (R-15 FOR 24")
07 21 00-J	PACK FULL WITH MINERAL WOOL INSULATION
07 21 00-K	3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8)
07 21 00-L	3" THERMALLY ISOLATED COMPOSITE Z-GIRT INSULATION SYSTEM
07 21 00-N	MINERAL WOOL BATT INSULATION
07 27 26-A	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE
07 27 26-B	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE, EXTEND AROUND BLOCK TO UNDER WINDOW / PARAPET
07 31 13-A	ASPHALT SHINGLE ROOF
07 42 13-A	PRE-FINISHED METAL WALL PANEL
07 42 13-B	METAL WALL PANEL
07 42 13-C	METAL WALL PANEL - SOFFIT
07 42 13-E	FLASHING WITH DRIP EDGE
07 42 13-F	EXTRUDED TRIM BY MFR
07 42 13-G	THROUGH WALL FLASHING WITH PERFORMED METAL DRIP EDGE
07 54 19-A	POLYVINYL-CHLORIDE (PVC) MEMBRANE ROOFING SYSTEM
07 54 19-B	1/2" COVER BOARD
07 54 19-C	TAPERED POLYISO INSULATION BOARD
07 54 19-D	2 LAYERS OF 2" POLYISO INSULATION BOARD (TOTAL R-VALUE = 22.8)
07 54 19-E	MEMBRANE ROOFING-EXTEND OVER & ATTACH TO FRONT FACE OF PARAPET
07 54 19-F	1 1/2" POLYISO INSULATION BOARD
07 54 19-G	TERMINATION BAR, SET IN WATER CUT OFF MASTIC.
07 62 00-C	FASCIA CLADDING
07 62 00-J	DRIP EDGE
07 62 00-M	PRE-FINISHED METAL GUTTER
07 62 00-N	PREFINISHED METAL DOWNSPOUT
07 71 00-A	MANUFACTURED COPING
07 71 00-B	MANUFACTURED GRAVEL STOP
07 71 00-C	MANUFACTURED FASCIA CLADDING
07 71 00-D	MANUFACTURED COUNTERFLASHING SYSTEM
07 71 00-E	MANUFACTURED GUTTER
07 71 00-F	MANUFACTURED DOWNSPOUT
07 71 00-H	MANUFACTURED DRIP EDGE
07 71 29-A	MANUFACTURED ROOF EXPANSION JOINT ASSEMBLY
07 71 29-B	MANUFACTURED ROOF TO WALL EXPANSION JOINT ASSEMBLY
07 84 13-A	PENETRATION FIRESTOPPING
07 92 00-A	SEALANT
07 92 00-B	SEALANT EACH SIDE, TYPICAL
07 95 13.13-A	INTERIOR EXPANSION JOINT COVER ASSEMBLY
07 95 13.16-A	EXTERIOR EXPANSION JOINT COVER ASSEMBLY
08 11 13-A	HOLLOW METAL DOOR/BORROWED LIGHT FRAME
08 11 13-B	HOLLOW METAL DOOR
08 14 16-A	FLUSH WOOD DOOR
08 33 13-A	OVERHEAD COILING COUNTER DOOR
08 33 13-B	OVERHEAD COILING COUNTER GRILLE
08 33 13-C	INSULATED COILING COUNTER DOOR
08 33 13-E	GUIDE
08 33 23-A	OVERHEAD COILING DOOR
08 33 23-J	BREAK METAL TO MATCH DOOR GUIDE FINISH
08 33 23-K	OVERHEAD COILING DOOR WITH INTEGRATED PASS DOOR
08 41 13-A	4 1/2" ALUMINUM-FRAMED STOREFRONT
08 41 13-B	WIDE STYLE ALUMINUM ENTRANCE DOOR
08 41 13-C	ALUMINUM BRAKE METAL TO MATCH STOREFRONT FRAME
08 44 13-A	7 1/2" DEEP ALUMINUM CURTAINWALL SYSTEM
08 44 13-C	CURTAINWALL ATTACHMENT MEMBER, ALLOW FOR THERMAL MOVEMENT
08 44 13-D	ALUMINUM BREAKMETAL TO MATCH CURTAINWALL FRAME
08 44 13-F	10" DEEP ALUMINUM CURTAINWALL SYSTEM
08 80 00-A	GLAZING - SEE SCHEDULE/ELEVATIONS
08 80 00-B	SPANDREL PANEL - SEE SCHEDULE/ELEVATIONS
08 91 19-A	FIXED LOUVER
09 22 16-D	7/8" FURRING CHANNEL
09 22 16-G	2 1/2" STEEL STUD
09 22 16-H	3 5/8" STEEL STUD
09 22 16-K	6" STEEL STUD
09 29 00-B	5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE)
09 29 00-D	SOUND ATTENUATION INSULATION
09 29 00-E	SUSPENDED GYPSUM BOARD CEILING ASSEMBLY
09 51 13-A	ACOUSTICAL CEILING SUSPENSION ASSEMBLY
09 51 13-C	SUSPENDED CEILING METAL EDGE TRIM
09 82 00-A	SOUND DIFFUSIVE WOOD UNITS
10 14 23-A	PANEL SIGNAGE
10 82 00-A	ROOF AND WALL SCREENS
12 24 13	
12 24 13-A	ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE
14 24 00-D	PIT LADDER
31 20 00-C	DRAINING GRANULAR FILL
32 13 16-A	SIDEWALK- SEE LANDSCAPE SHEETS
32 31 13-A	CHAIN-LINK FENCE- SEE LANDSCAPE SHEETS
32 31 19-A	ORNAMENTAL FENCE- SEE LANDSCAPE SHEETS

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the general requirements of the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for the performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

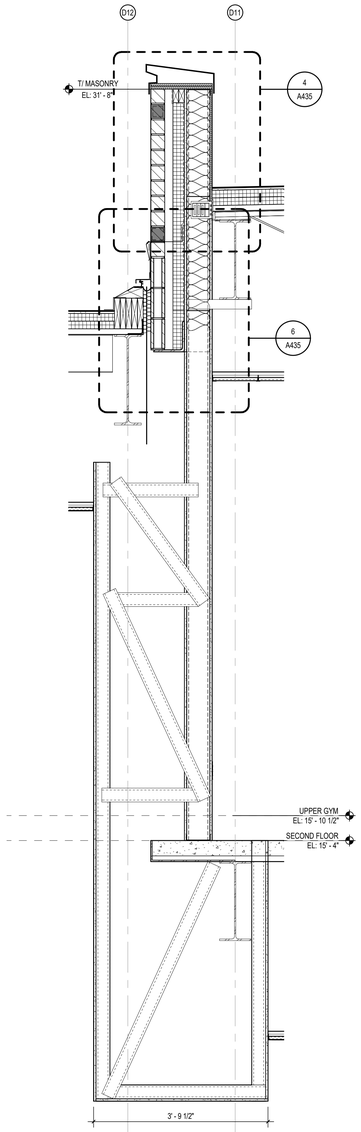
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
WALL SECTIONS

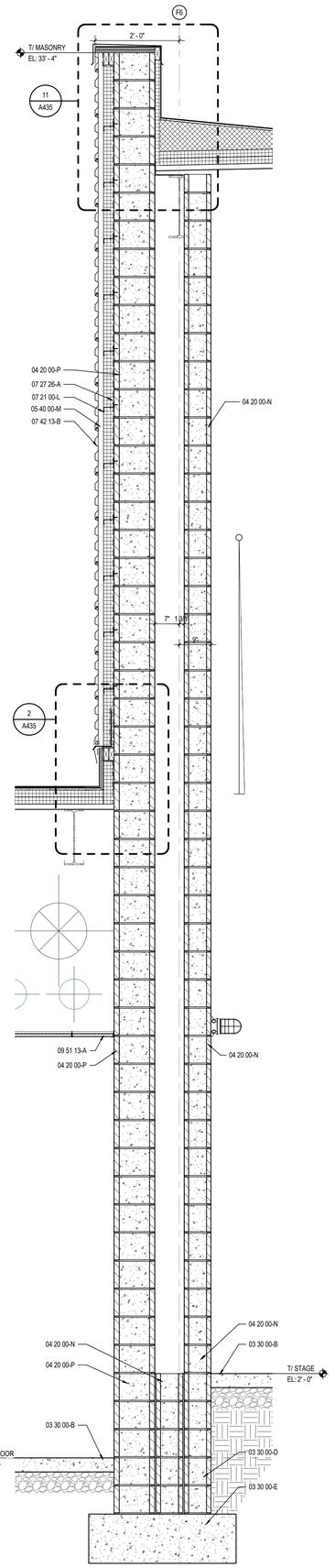
CERTIFIED BY:
BRENTON C. HAAS
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A407

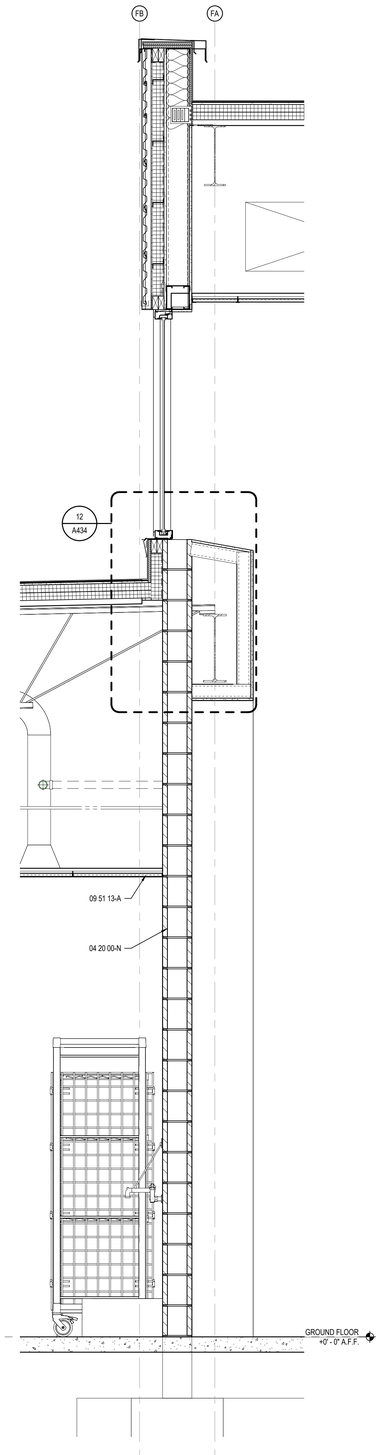
PROJECT NUMBER
2023061



3 WALL SECTION
A408 SCALE: 3/4" = 1'-0"



2 WALL SECTION
A408 SCALE: 3/4" = 1'-0"



1 WALL SECTION
A408 SCALE: 3/4" = 1'-0"

KEYNOTE LEGEND

03 30 00-A	WATERSTOP
03 30 00-B	CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL
03 30 00-C	CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL
03 30 00-D	CONCRETE FOUNDATION- SEE STRUCTURAL
03 30 00-E	CONCRETE FOOTING- SEE STRUCTURAL
03 30 00-F	1/2" EXPANSION MATERIAL
04 20 00-A	GROUT CORE SOLID
04 20 00-B	MASONRY TIE
04 20 00-C	CELL WEEP VENTS @ 16" O.C.
04 20 00-D	ADJUSTIBLE MASONRY VENEER ANCHOR AT 16" O.C. VERTICALLY
04 20 00-F	METAL FLASHING
04 20 00-G	THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE
04 20 00-H	CAVITY DRAINAGE MATERIAL
04 20 00-J	BRICK TYPE 1 (WIRE CUT)
04 20 00-K	BRICK TYPE 2 (SMOOTH FACE)
04 20 00-K-1	BRICK TYPE 2 (SOLDIER COURSE) - SEE SIZE ON DRAWING 10/A430
04 20 00-L	4" CONCRETE MASONRY UNIT
04 20 00-M	6" CONCRETE MASONRY UNIT
04 20 00-N	8" CONCRETE MASONRY UNIT
04 20 00-O	10" CONCRETE MASONRY UNIT
04 20 00-P	12" CONCRETE MASONRY UNIT
04 20 00-Q	BULLNOSE UNIT
04 20 00-R	BOND BEAM MASONRY UNIT
04 20 00-S	DECORATIVE CMU (GROUND FACE)
04 21 00-T	ACOUSTICAL BLOCK
04 20 00-U	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, SMOOTH)
04 20 00-V	CALCIUM SILICATE MASONRY UNIT (LARGE FORMAT, SMOOTH)
04 20 00-W	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, ROUGH)
04 20 00-X	4" GROUND FACE CONCRETE MASONRY UNIT
04 72 00-A	CAST STONE SILL - SEE SIZE ON DRAWING 10/A430
04 72 00-B	CAST STONE
05 12 00-A	STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL
05 12 00-B	STEEL ANGLE- SEE STRUCTURAL
05 12 00-C	STEEL BENT PLATE- SEE STRUCTURAL
05 12 00-D	STEEL BEAM- SEE STRUCTURAL
05 12 00-E	STEEL COLUMN - SEE STRUCTURAL
05 12 00-F	STEEL PLATE - SEE STRUCTURAL
05 21 00-A	STEEL JOIST- SEE STRUCTURAL
05 31 00-A	METAL ROOF DECKING- SEE STRUCTURAL
05 31 00-B	METAL FLOOR DECKING- SEE STRUCTURAL
05 40 00-A	6" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-B	2 1/2" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-C	3 5/8" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-D	6"x6" 10 GA. COLD FORMED STEEL ANGLE, CUT TO FIT. ATTACH JAMB TO HEAD
05 40 00-F	CLIP ANGLE
05 40 00-J	3" 16GA. GALVANIZED Z-BAR SUB GIRTS
05 40 00-L	7/8" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 40 00-M	1 1/2" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 50 00-A	MISCELLANEOUS STEEL - SEE STRUCTURAL
05 50 00-B	GALVANIZED STEEL BRICK LINTEL
05 50 00-E	PRE-MANUFACTURED ALUMINUM ACCESS LADDER
05 50 00-F	ELEVATOR HOIST BEAM- COORDINATE WITH ELEVATOR MANUFACTURER
05 51 00-A	MANUFACTURED STEEL FRAMED STAIR
05 51 00-B	CONCRETE FILLED METAL PAN TREAD AND RISER
05 51 00-C	STAIR METAL STRINGER- CHANNEL
05 51 00-D	STAIR METAL STRINGER - TUBE
05 52 13-E	1-1/4" I.D. PAINTED STEEL PIPE RAILING
05 52 13-F	1-1/4" I.D. PAINTED STEEL PIPE HANDRAIL
05 52 13-G	1-1/4" I.D. PAINTED GALVANIZED STEEL PIPE RAILING
05 52 13-U	1-1/2" O.D. GALVANIZED STEEL PIPE GUARDRAIL
05 73 00-A	DECORATIVE METAL RAILING
05 73 00-B	1-1/4" I.D. COLOR ANODIZED ALUMINUM HANDRAIL
06 10 00-A	SHIM AS REQUIRED
06 10 00-B	2X WOOD BLOCKING
06 16 00-A	3/4" EXTERIOR GRADE PLYWOOD
06 16 00-B	5/8" EXTERIOR GRADE PLYWOOD
06 16 00-C	TWO LAYERS OF 3/4" EXTERIOR GRADE PLYWOOD
06 16 00-D	1/2" EXTERIOR GRADE PLYWOOD
06 16 00-E	5/8" EXTERIOR GYPSUM SHEATHING
06 40 00-A	1 1/2" WOOD TRIM
06 40 00-B	SOILD SURFACE WINDOW STOOL
06 40 00-G	1X HARDWOOD TRIM, STAINED
07 13 26-A	SELF-ADHEREING SHEET WATERPROOFING
07 13 26-B	RIGID INSULATION
07 13 26-C	MOLDED SHEET DRAINAGE PANEL
07 21 00-A	SLAB PERIMETER RIGID INSULATION (R-15 FOR 24")
07 21 00-J	PACK FULL WITH MINERAL WOOL INSULATION
07 21 00-K	3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8)
07 21 00-L	3" THERMALLY ISOLATED COMPOSITE Z-GIRT INSULATION SYSTEM
07 21 00-N	MINERAL WOOL BATT INSULATION
07 27 26-A	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE
07 27 26-B	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE, EXTEND AROUND BLOCK TO UNDER WINDOW / PARAPET
07 31 13-A	ASPHALT SHINGLE ROOF
07 42 13-A	PRE-FINISHED METAL WALL PANEL
07 42 13-B	METAL WALL PANEL
07 42 13-C	METAL WALL PANEL - SOFFIT
07 42 13-E	FLASHING WITH DRIP EDGE
07 42 13-F	EXTRUDED TRIM BY MFR
07 42 13-G	THROUGH WALL FLASHING WITH PERFORMED METAL DRIP EDGE
07 54 19-A	POLYVINYL-CHLORIDE (PVC) MEMBRANE ROOFING SYSTEM
07 54 19-B	1/2" COVER BOARD
07 54 19-C	TAPERED POLYISO INSULATION BOARD
07 54 19-D	2 LAYERS OF 2" POLYISO INSULATION BOARD (TOTAL R-VALUE = 22.8)
07 54 19-E	MEMBRANE ROOFING-EXTEND OVER & ATTACH TO FRONT FACE OF PARAPET
07 54 19-F	1 1/2" POLYISO INSULATION BOARD
07 54 19-G	TERMINATION BAR. SET IN WATER CUT OFF MASTIC.
07 62 00-C	FASCIA CLADDING
07 62 00-J	DRIP EDGE
07 62 00-M	PRE-FINISHED METAL GUTTER
07 62 00-N	PREFINISHED METAL DOWNSPOUT
07 71 00-A	MANUFACTURED COPING
07 71 00-B	MANUFACTURED GRAVEL STOP
07 71 00-C	MANUFACTURED FASCIA CLADDING
07 71 00-D	MANUFACTURED COUNTERFLASHING SYSTEM
07 71 00-E	MANUFACTURED GUTTER
07 71 00-F	MANUFACTURED DOWNSPOUT
07 71 00-H	MANUFACTURED DRIP EDGE
07 71 29-A	MANUFACTURED ROOF EXPANSION JOINT ASSEMBLY
07 71 29-B	MANUFACTURED ROOF TO WALL EXPANSION JOINT ASSEMBLY
07 84 13-A	PENETRATION FIRESTOPPING
07 92 00-A	SEALANT
07 92 00-B	SEALANT EACH SIDE, TYPICAL
07 95 13.13-A	INTERIOR EXPANSION JOINT COVER ASSEMBLY
07 95 13.16-A	EXTERIOR EXPANSION JOINT COVER ASSEMBLY
08 11 13-A	HOLLOW METAL DOOR/BORROWED LIGHT FRAME
08 11 13-B	HOLLOW METAL DOOR
08 14 16-A	FLUSH WOOD DOOR
08 33 13-A	OVERHEAD COILING COUNTER DOOR
08 33 13-B	OVERHEAD COILING COUNTER GRILLE
08 33 13-C	INSULATED COILING COUNTER DOOR
08 33 13-E	GUIDE
08 33 23-A	OVERHEAD COILING DOOR
08 33 23-J	BREAK METAL TO MATCH DOOR GUIDE FINISH
08 33 23-K	OVERHEAD COILING DOOR WITH INTEGRATED PASS DOOR
08 41 13-A	4 1/2" ALUMINUM-FRAMED STOREFRONT
08 41 13-B	WIDE STYLE ALUMINUM ENTRANCE DOOR
08 41 13-C	ALUMINUM BRAKE METAL TO MATCH STOREFRONT FRAME
08 44 13-A	7 1/2" DEEP ALUMINUM CURTAINWALL SYSTEM
08 44 13-C	CURTAINWALL ATTACHMENT MEMBER, ALLOW FOR THERMAL MOVEMENT
08 44 13-D	ALUMINUM BREAKMETAL TO MATCH CURTAINWALL FRAME
08 44 13-F	10" DEEP ALUMINUM CURTAINWALL SYSTEM
08 80 00-A	GLAZING - SEE SCHEDULE/ELEVATIONS
08 80 00-B	SPANDREL PANEL - SEE SCHEDULE/ELEVATIONS
08 91 19-A	FIXED LOUVER
09 22 16-D	7/8" FURRING CHANNEL
09 22 16-G	2 1/2" STEEL STUD
09 22 16-H	3 5/8" STEEL STUD
09 22 16-K	6" STEEL STUD
09 29 00-B	5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE)
09 29 00-D	SOUND ATTENUATION INSULATION
09 29 00-E	SUSPENDED GYPSUM BOARD CEILING ASSEMBLY
09 51 13-A	ACOUSTICAL CEILING SUSPENSION ASSEMBLY
09 51 13-C	SUSPENDED CEILING METAL EDGE TRIM
09 82 00-A	SOUND DIFFUSIVE WOOD UNITS
10 14 23-A	PANEL SIGNAGE
10 82 00-A	ROOF AND WALL SCREENS
12 24 13	
12 24 13-A	ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE
14 24 00-D	PIT LADDER
31 20 00-C	DRAINING GRANULAR FILL
32 13 16-A	SIDEWALK- SEE LANDSCAPE SHEETS
32 31 13-A	CHAIN-LINK FENCE- SEE LANDSCAPE SHEETS
32 31 19-A	ORNAMENTAL FENCE- SEE LANDSCAPE SHEETS

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. They are not intended to be construction documents. Describe all work required for full performance and completion of the requirements of the Contract.
The Trade Contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

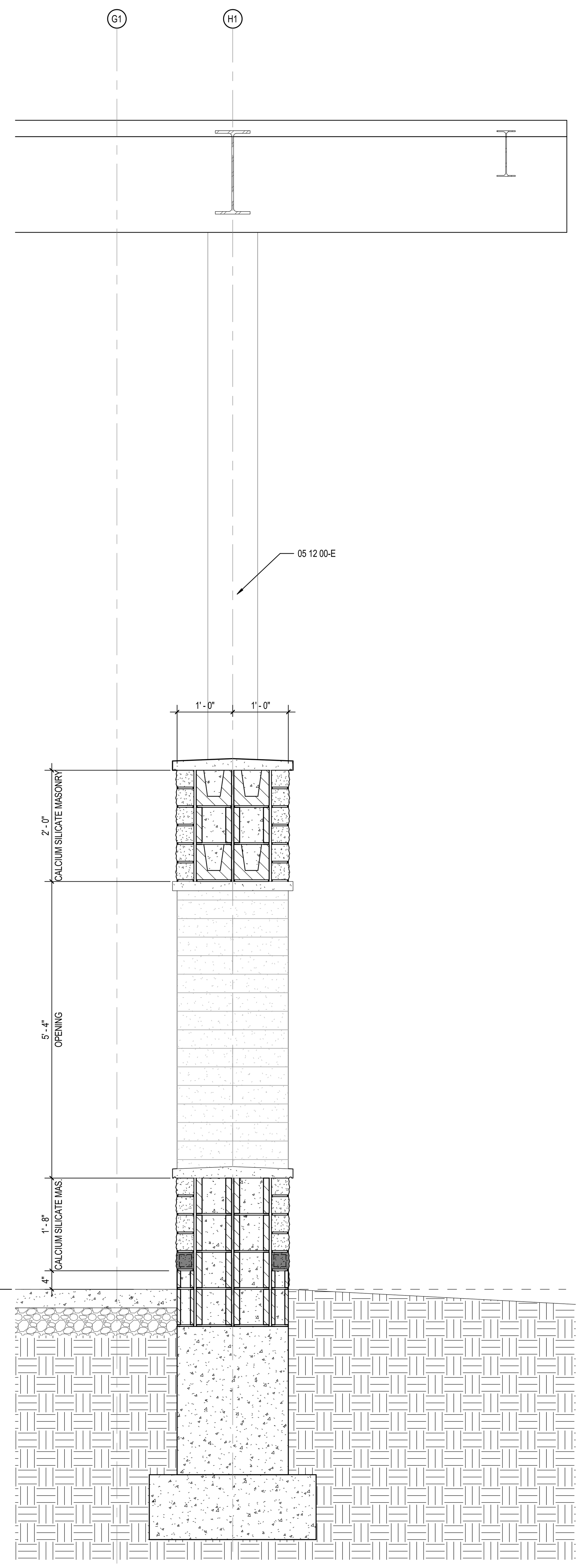
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
WALL SECTIONS

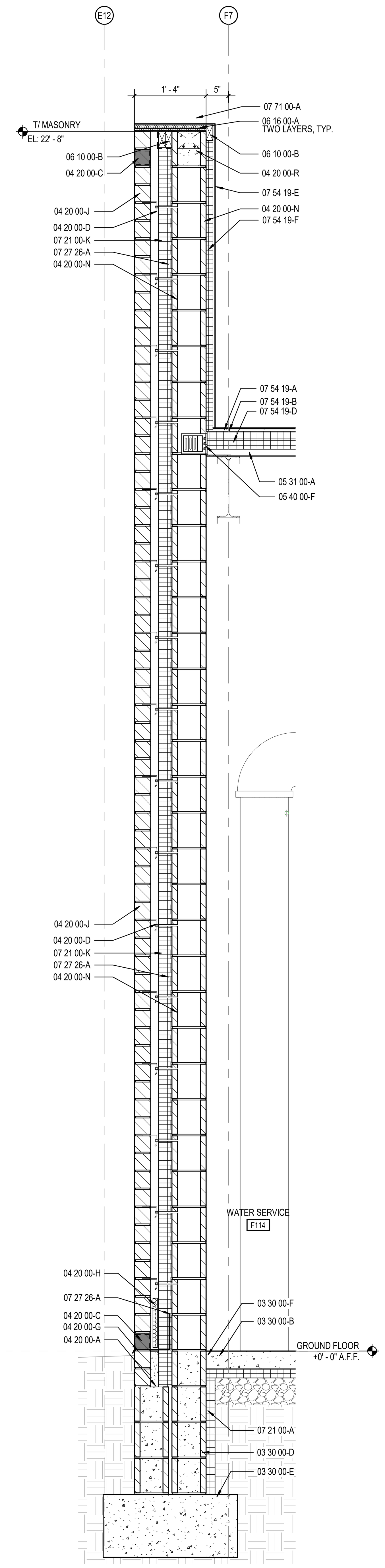
CERTIFIED BY:
BRENTON C. HIDE
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A408

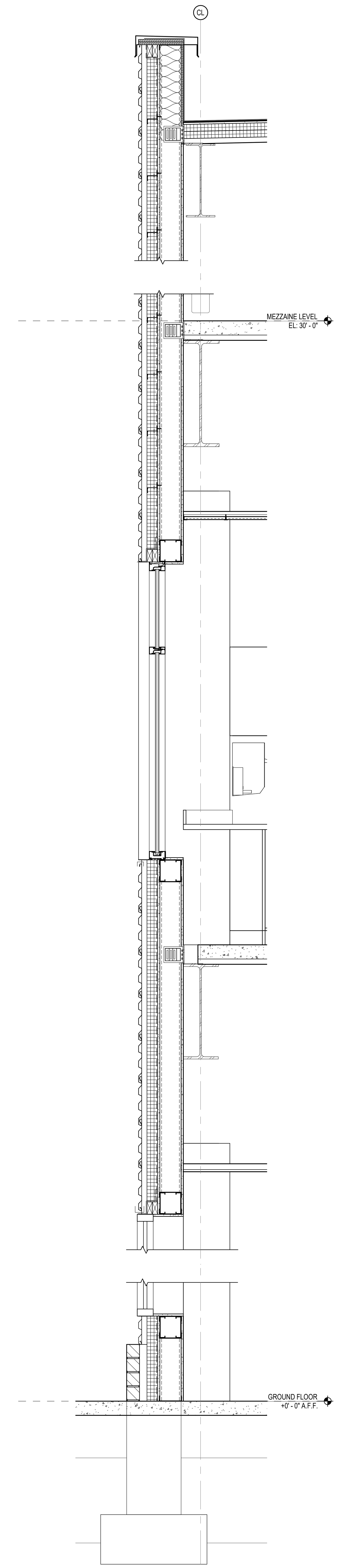
PROJECT NUMBER
2023061



4 / A409 **WALL SECTION**
SCALE: 3/4" = 1'-0"



3 / A409 **WALL SECTION**
SCALE: 3/4" = 1'-0"



2 / A409 **WALL SECTION**
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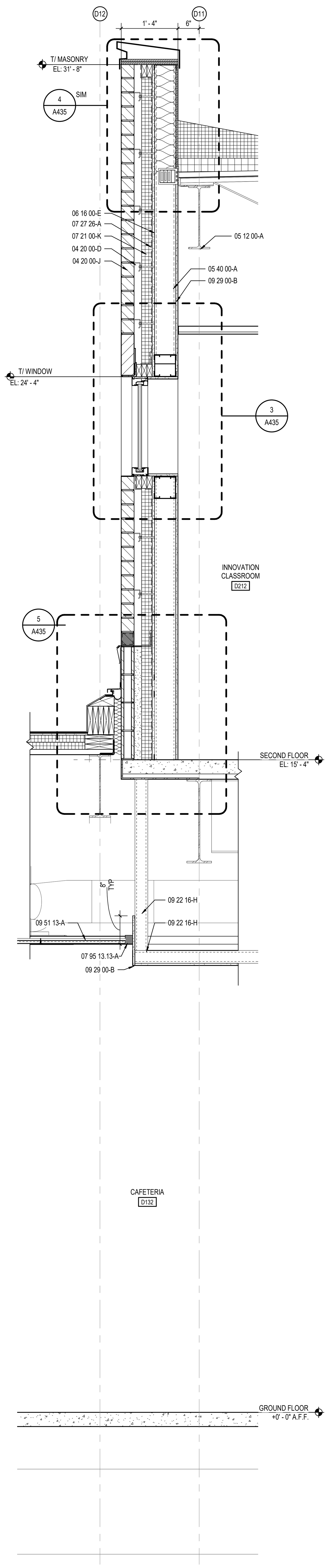

1 / A409 **WALL SECTION**
SCALE: 3/4" = 1'-0"

KEYNOTE LEGEND

03 30 00-A	WATERSTOP
03 30 00-B	CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL
03 30 00-C	CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL
03 30 00-D	CONCRETE FOUNDATION- SEE STRUCTURAL
03 30 00-E	CONCRETE FOOTING- SEE STRUCTURAL
03 30 00-F	1/2" EXPANSION MATERIAL
04 20 00-A	GROUT CORE SOLID
04 20 00-B	MASONRY TIE
04 20 00-C	CELL WEEP VENTS @ 16" O.C.
04 20 00-D	ADJUSTIBLE MASONRY VENEER ANCHOR AT 16" O.C. VERTICALLY
04 20 00-F	METAL FLASHING
04 20 00-G	THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE
04 20 00-H	CAVITY DRAINAGE MATERIAL
04 20 00-J	BRICK TYPE 1 (WIRE CUT)
04 20 00-K	BRICK TYPE 2 (SMOOTH FACE)
04 20 00-K.1	BRICK TYPE 2 (SOLDIER COURSE) - SEE SIZE ON DRAWING 10/A430
04 20 00-L	4" CONCRETE MASONRY UNIT
04 20 00-M	6" CONCRETE MASONRY UNIT
04 20 00-N	8" CONCRETE MASONRY UNIT
04 20 00-O	10" CONCRETE MASONRY UNIT
04 20 00-P	12" CONCRETE MASONRY UNIT
04 20 00-Q	BULLNOSE UNIT
04 20 00-R	BOND BEAM MASONRY UNIT
04 20 00-S	DECORATIVE CMU (GROUND FACE)
04 20 00-T	ACOUSTICAL BLOCK
04 20 00-U	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, SMOOTH)
04 20 00-V	CALCIUM SILICATE MASONRY UNIT (LARGE FORMAT, SMOOTH)
04 20 00-W	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, ROUGH)
04 20 00-X	4" GROUND FACE CONCRETE MASONRY UNIT
04 72 00-A	CAST STONE SILL - SEE SIZE ON DRAWING 10/A430
04 72 00-B	CAST STONE
05 12 00-A	STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL
05 12 00-B	STEEL ANGLE- SEE STRUCTURAL
05 12 00-C	STEEL BENT PLATE- SEE STRUCTURAL
05 12 00-D	STEEL BEAM- SEE STRUCTURAL
05 12 00-E	STEEL COLUMN - SEE STRUCTURAL
05 12 00-F	STEEL PLATE - SEE STRUCTURAL
05 21 00-A	STEEL JOIST- SEE STRUCTURAL
05 31 00-A	METAL ROOF DECKING- SEE STRUCTURAL
05 31 00-B	METAL FLOOR DECKING- SEE STRUCTURAL
05 40 00-A	6" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-B	2 1/2" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-C	3 5/8" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-D	6"x6" 10 GA. COLD FORMED STEEL ANGLE, CUT TO FIT. ATTACH JAMB TO HEAD
05 40 00-F	CLIP ANGLE
05 40 00-J	3" 16GA. GALVANIZED Z-BAR SUB GIRTS
05 40 00-L	7/8" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 40 00-M	1 1/2" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 50 00-A	MISCELLANEOUS STEEL - SEE STRUCTURAL
05 50 00-B	GALVANIZED STEEL BRICK LINTEL
05 50 00-E	PRE-MANUFACTURED ALUMINUM ACCESS LADDER
05 50 00-F	ELEVATOR HOIST BEAM- COORDINATE WITH ELEVATOR MANUFACTURER
05 51 00-A	MANUFACTURED STEEL FRAMED STAIR
05 51 00-B	CONCRETE FILLED METAL PAN TREAD AND RISER
05 51 00-C	STAIR METAL STRINGER- CHANNEL
05 51 00-D	STAIR METAL STRINGER - TUBE
05 52 13-E	1-1/4" I.D. PAINTED STEEL PIPE RAILING
05 52 13-F	1-1/4" I.D. PAINTED STEEL PIPE HANDRAIL
05 52 13-G	1-1/4" I.D. PAINTED GALVANIZED STEEL PIPE RAILING
05 52 13-U	1-1/2" O.D. GALVANIZED STEEL PIPE GUARDRAIL
05 73 00-A	DECORATIVE METAL RAILING
05 73 00-B	1-1/4" I.D. COLOR ANODIZED ALUMINUM HANDRAIL
06 10 00-A	SHIM AS REQUIRED
06 10 00-B	2X WOOD BLOCKING
06 16 00-A	3/4" EXTERIOR GRADE PLYWOOD
06 16 00-B	5/8" EXTERIOR GRADE PLYWOOD
06 16 00-C	TWO LAYERS OF 3/4" EXTERIOR GRADE PLYWOOD
06 16 00-D	1/2" EXTERIOR GRADE PLYWOOD
06 16 00-E	5/8" EXTERIOR GYPSUM SHEATHING
06 40 00-A	1 1/2" WOOD TRIM
06 40 00-B	SOILD SURFACE WINDOW STOOL
06 40 00-G	1X HARDWOOD TRIM, STAINED
07 13 26-A	SELF-ADHEREING SHEET WATERPROOFING
07 13 26-B	RIGID INSULATION
07 13 26-C	MOLDED SHEET DRAINAGE PANEL
07 21 00-A	SLAB PERIMETER RIGID INSULATION (R-15 FOR 24")
07 21 00-J	PACK FULL WITH MINERAL WOOL INSULATION
07 21 00-K	3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8)
07 21 00-L	3" THERMALLY ISOLATED COMPOSITE Z-GIRT INSULATION SYSTEM
07 21 00-N	MINERAL WOOL BATT INSULATION
07 27 26-A	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE
07 27 26-B	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE, EXTEND AROUND BLOCK TO UNDER WINDOW / PARAPET
07 31 13-A	ASPHALT SHINGLE ROOF
07 42 13-A	PRE-FINISHED METAL WALL PANEL
07 42 13-B	METAL WALL PANEL
07 42 13-C	METAL WALL PANEL - SOFFIT
07 42 13-E	FLASHING WITH DRIP EDGE
07 42 13-F	EXTRUDED TRIM BY MFR
07 42 13-G	THROUGH WALL FLASHING WITH PERFORMED METAL DRIP EDGE
07 54 19-A	POLYVINYL-CHLORIDE (PVC) MEMBRANE ROOFING SYSTEM
07 54 19-B	1/2" COVER BOARD
07 54 19-C	TAPERED POLYISO INSULATION BOARD
07 54 19-D	2 LAYERS OF 2" POLYISO INSULATION BOARD (TOTAL R-VALUE = 22.8)
07 54 19-E	MEMBRANE ROOFING-EXTEND OVER & ATTACH TO FRONT FACE OF PARAPET
07 54 19-F	1 1/2" POLYISO INSULATION BOARD
07 54 19-G	TERMINATION BAR, SET IN WATER CUT OFF MASTIC.
07 62 00-C	FASCIA CLADDING
07 62 00-J	DRIP EDGE
07 62 00-M	PRE-FINISHED METAL GUTTER
07 62 00-N	PREFINISHED METAL DOWNSPOUT
07 71 00-A	MANUFACTURED COPING
07 71 00-B	MANUFACTURED GRAVEL STOP
07 71 00-C	MANUFACTURED FASCIA CLADDING
07 71 00-D	MANUFACTURED COUNTERFLASHING SYSTEM
07 71 00-E	MANUFACTURED GUTTER
07 71 00-F	MANUFACTURED DOWNSPOUT
07 71 00-H	MANUFACTURED DRIP EDGE
07 71 29-A	MANUFACTURED ROOF EXPANSION JOINT ASSEMBLY
07 71 29-B	MANUFACTURED ROOF TO WALL EXPANSION JOINT ASSEMBLY
07 84 13-A	PENETRATION FIRESTOPPING
07 92 00-A	SEALANT
07 92 00-B	SEALANT EACH SIDE, TYPICAL
07 95 13.13-A	INTERIOR EXPANSION JOINT COVER ASSEMBLY
07 95 13.16-A	EXTERIOR EXPANSION JOINT COVER ASSEMBLY
08 11 13-A	HOLLOW METAL DOOR/BORROWED LIGHT FRAME
08 11 13-B	HOLLOW METAL DOOR
08 14 16-A	FLUSH WOOD DOOR
08 33 13-A	OVERHEAD COILING COUNTER DOOR
08 33 13-B	OVERHEAD COILING COUNTER GRILLE
08 33 13-C	INSULATED COILING COUNTER DOOR
08 33 13-E	GUIDE
08 33 23-A	OVERHEAD COILING DOOR
08 33 23-J	BREAK METAL TO MATCH DOOR GUIDE FINISH
08 33 23-K	OVERHEAD COILING DOOR WITH INTEGRATED PASS DOOR
08 41 13-A	4 1/2" ALUMINUM-FRAMED STOREFRONT
08 41 13-B	WIDE STYLE ALUMINUM ENTRANCE DOOR
08 41 13-C	ALUMINUM BRAKE METAL TO MATCH STOREFRONT FRAME
08 44 13-A	7 1/2" DEEP ALUMINUM CURTAINWALL SYSTEM
08 44 13-C	CURTAINWALL ATTACHMENT MEMBER, ALLOW FOR THERMAL MOVEMENT
08 44 13-D	ALUMINUM BREAKMETAL TO MATCH CURTAINWALL FRAME
08 44 13-F	10" DEEP ALUMINUM CURTAINWALL SYSTEM
08 80 00-A	GLAZING - SEE SCHEDULE/ELEVATIONS
08 80 00-B	SPANDREL PANEL - SEE SCHEDULE/ELEVATIONS
08 91 19-A	FIXED LOUVER
09 22 16-D	7/8" FURRING CHANNEL
09 22 16-G	2 1/2" STEEL STUD
09 22 16-H	3 5/8" STEEL STUD
09 22 16-K	6" STEEL STUD
09 29 00-B	5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE)
09 29 00-D	SOUND ATTENUATION INSULATION
09 29 00-E	SUSPENDED GYPSUM BOARD CEILING ASSEMBLY
09 51 13-A	ACOUSTICAL CEILING SUSPENSION ASSEMBLY
09 51 13-C	SUSPENDED CEILING METAL EDGE TRIM
09 82 00-A	SOUND DIFFUSIVE WOOD UNITS
10 14 23-A	PANEL SIGNAGE
10 82 00-A	ROOF AND WALL SCREENS
12 24 13	
12 24 13-A	ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE
14 24 00-D	PIT LADDER
31 20 00-C	DRAINING GRANULAR FILL
32 13 16-A	SIDEWALK- SEE LANDSCAPE SHEETS
32 31 13-A	CHAIN-LINK FENCE- SEE LANDSCAPE SHEETS
32 31 19-A	ORNAMENTAL FENCE- SEE LANDSCAPE SHEETS

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

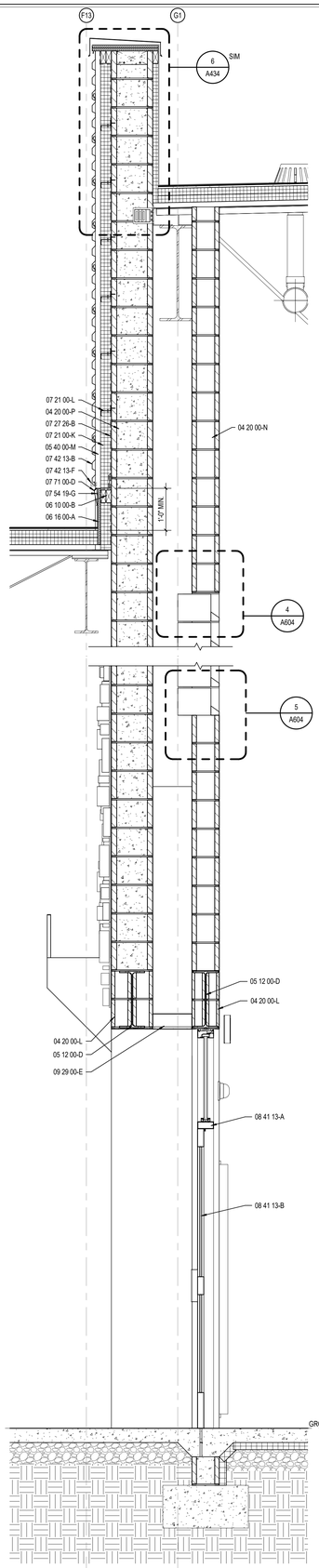
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
WALL SECTIONS

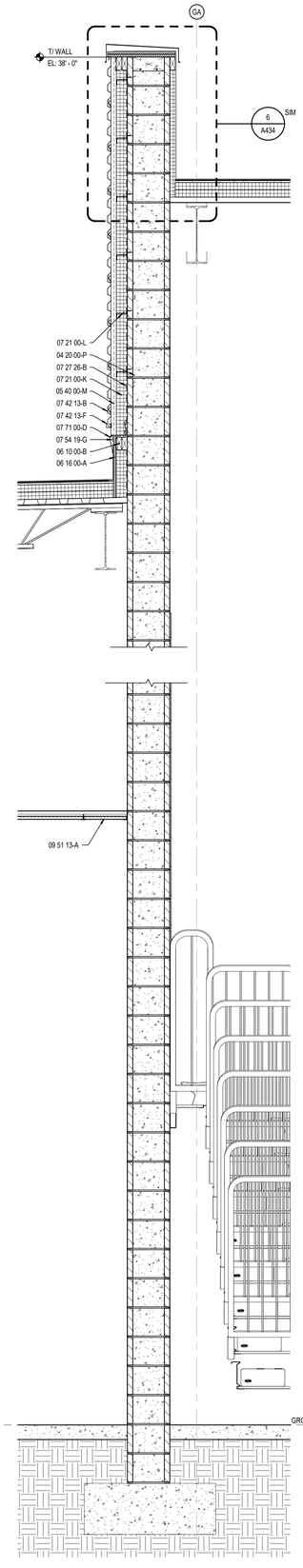
CERTIFIED BY:
BRENTON C. HITE REGISTERED No. AR11700184 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
A409

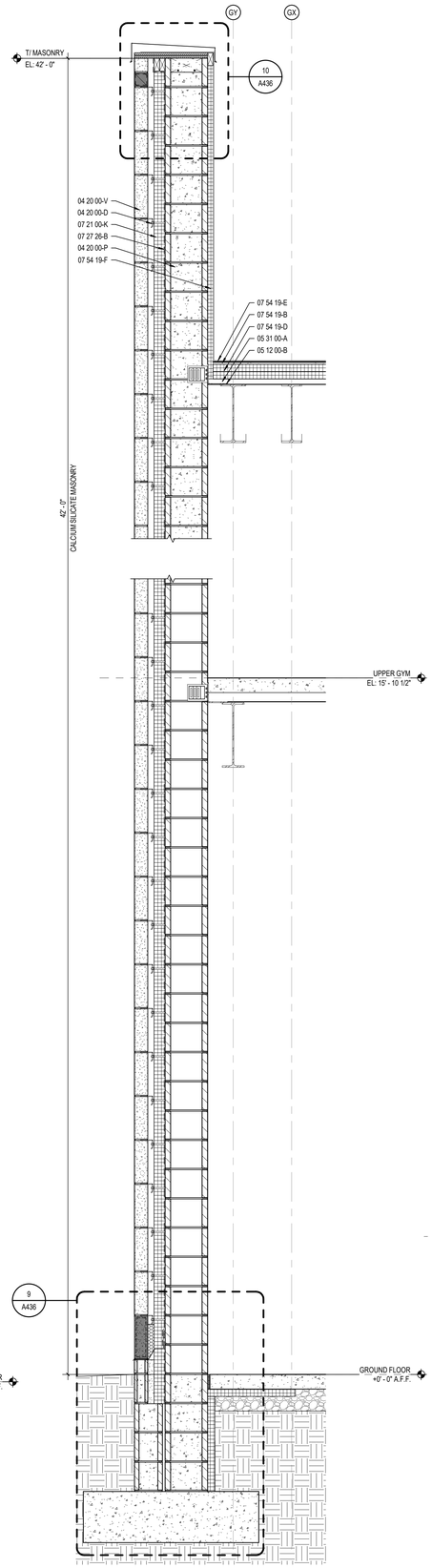
PROJECT NUMBER
2023061



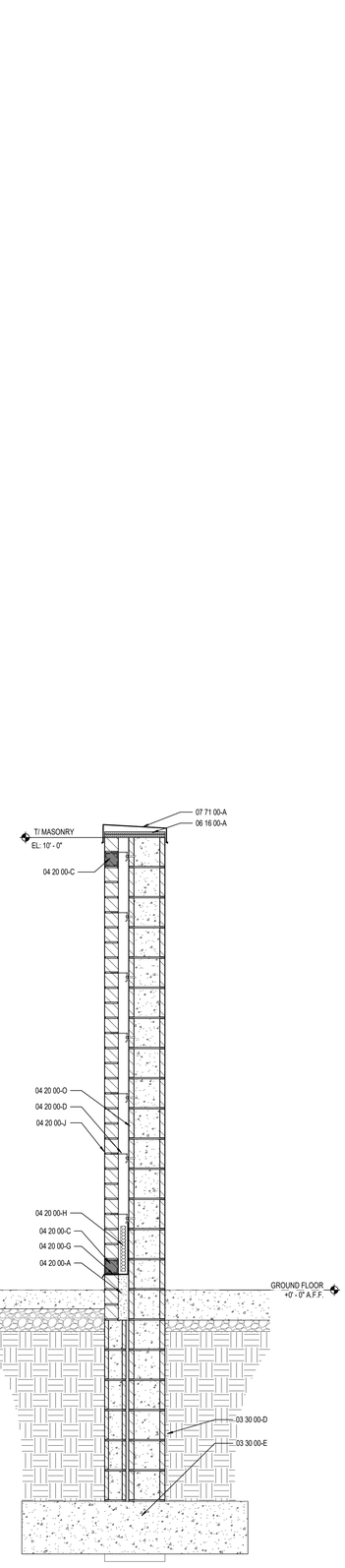
4 A410 WALL SECTION
SCALE: 3/4" = 1'-0"



3 A410 WALL SECTION
SCALE: 3/4" = 1'-0"



2 A410 WALL SECTION
SCALE: 3/4" = 1'-0"



1 A410 WALL SECTION
SCALE: 3/4" = 1'-0"

KEYNOTE LEGEND

03 30 00-A	WATERSTOP
03 30 00-B	CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL
03 30 00-C	CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL
03 30 00-D	CONCRETE FOUNDATION- SEE STRUCTURAL
03 30 00-E	CONCRETE FOOTING- SEE STRUCTURAL
03 30 00-F	1/2" EXPANSION MATERIAL
04 20 00-A	GROUT CORE SOLID
04 20 00-B	MASONRY TIE
04 20 00-C	CELL WEEP VENTS @ 16" O.C.
04 20 00-D	ADJUSTIBLE MASONRY VENEER ANCHOR AT 16" O.C. VERTICALLY
04 20 00-F	METAL FLASHING
04 20 00-G	THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE
04 20 00-H	CAVITY DRAINAGE MATERIAL
04 20 00-J	BRICK TYPE 1 (WIRE CUT)
04 20 00-K	BRICK TYPE 2 (SMOOTH FACE)
04 20 00-K.1	BRICK TYPE 2 (SOLDIER COURSE) - SEE SIZE ON DRAWING 10/A430
04 20 00-L	4" CONCRETE MASONRY UNIT
04 20 00-M	6" CONCRETE MASONRY UNIT
04 20 00-N	8" CONCRETE MASONRY UNIT
04 20 00-O	10" CONCRETE MASONRY UNIT
04 20 00-P	12" CONCRETE MASONRY UNIT
04 20 00-Q	BULLNOSE UNIT
04 20 00-R	BOND BEAM MASONRY UNIT
04 20 00-S	DECORATIVE CMU (GROUND FACE)
04 20 00-T	ACOUSTICAL BLOCK
04 20 00-U	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, SMOOTH)
04 20 00-V	CALCIUM SILICATE MASONRY UNIT (LARGE FORMAT, SMOOTH)
04 20 00-W	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, ROUGH)
04 20 00-X	4" GROUND FACE CONCRETE MASONRY UNIT
04 72 00-A	CAST STONE SILL - SEE SIZE ON DRAWING 10/A430
04 72 00-B	CAST STONE
05 12 00-A	STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL
05 12 00-B	STEEL ANGLE- SEE STRUCTURAL
05 12 00-C	STEEL BENT PLATE- SEE STRUCTURAL
05 12 00-D	STEEL BEAM- SEE STRUCTURAL
05 12 00-E	STEEL COLUMN - SEE STRUCTURAL
05 12 00-F	STEEL PLATE - SEE STRUCTURAL
05 21 00-A	STEEL JOIST- SEE STRUCTURAL
05 31 00-A	METAL ROOF DECKING- SEE STRUCTURAL
05 31 00-B	METAL FLOOR DECKING- SEE STRUCTURAL
05 40 00-A	6" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-B	2 1/2" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-C	3 5/8" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-D	6"x6" 10 GA. COLD FORMED STEEL ANGLE, CUT TO FIT. ATTACH JAMB TO HEAD
05 40 00-F	CLIP ANGLE
05 40 00-J	3" 16GA. GALVANIZED Z-BAR SUB GIRTS
05 40 00-L	7/8" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 40 00-M	1 1/2" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 50 00-A	MISCELLANEOUS STEEL - SEE STRUCTURAL
05 50 00-B	GALVANIZED STEEL BRICK LINTEL
05 50 00-E	PRE-MANUFACTURED ALUMINUM ACCESS LADDER
05 50 00-F	ELEVATOR HOIST BEAM- COORDINATE WITH ELEVATOR MANUFACTURER
05 51 00-A	MANUFACTURED STEEL FRAMED STAIR
05 51 00-B	CONCRETE FILLED METAL PAN TREAD AND RISER
05 51 00-C	STAIR METAL STRINGER- CHANNEL
05 51 00-D	STAIR METAL STRINGER - TUBE
05 52 13-E	1-1/4" I.D. PAINTED STEEL PIPE RAILING
05 52 13-F	1-1/4" I.D. PAINTED STEEL PIPE HANDRAIL
05 52 13-G	1-1/4" I.D. PAINTED GALVANIZED STEEL PIPE RAILING
05 52 13-U	1-1/2" O.D. GALVANIZED STEEL PIPE GUARDRAIL
05 73 00-A	DECORATIVE METAL RAILING
05 73 00-B	1-1/4" I.D. COLOR ANODIZED ALUMINUM HANDRAIL
06 10 00-A	SHIM AS REQUIRED
06 10 00-B	2X WOOD BLOCKING
06 16 00-A	3/4" EXTERIOR GRADE PLYWOOD
06 16 00-B	5/8" EXTERIOR GRADE PLYWOOD
06 16 00-C	TWO LAYERS OF 3/4" EXTERIOR GRADE PLYWOOD
06 16 00-D	1/2" EXTERIOR GRADE PLYWOOD
06 16 00-E	5/8" EXTERIOR GYPSUM SHEATHING
06 40 00-A	1 1/2" WOOD TRIM
06 40 00-B	SOILD SURFACE WINDOW STOOL
06 40 00-G	1X HARDWOOD TRIM, STAINED
07 13 26-A	SELF-ADHEREING SHEET WATERPROOFING
07 13 26-B	RIGID INSULATION
07 13 26-C	MOLDED SHEET DRAINAGE PANEL
07 21 00-A	SLAB PERIMETER RIGID INSULATION (R-15 FOR 24")
07 21 00-J	PACK FULL WITH MINERAL WOOL INSULATION
07 21 00-K	3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8)
07 21 00-L	3" THERMALLY ISOLATED COMPOSITE Z-GIRT INSULATION SYSTEM
07 21 00-N	MINERAL WOOL BATT INSULATION
07 27 26-A	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE
07 27 26-B	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE. EXTEND AROUND BLOCK TO UNDER WINDOW / PARAPET
07 31 13-A	ASPHALT SHINGLE ROOF
07 42 13-A	PRE-FINISHED METAL WALL PANEL
07 42 13-B	METAL WALL PANEL
07 42 13-C	METAL WALL PANEL - SOFFIT
07 42 13-E	FLASHING WITH DRIP EDGE
07 42 13-F	EXTRUDED TRIM BY MFR
07 42 13-G	THROUGH WALL FLASHING WITH PERFORMED METAL DRIP EDGE
07 54 19-A	POLYVINYL-CHLORIDE (PVC) MEMBRANE ROOFING SYSTEM
07 54 19-B	1/2" COVER BOARD
07 54 19-C	TAPERED POLYISO INSULATION BOARD
07 54 19-D	2 LAYERS OF 2" POLYISO INSULATION BOARD (TOTAL R-VALUE = 22.8)
07 54 19-E	MEMBRANE ROOFING-EXTEND OVER & ATTACH TO FRONT FACE OF PARAPET
07 54 19-F	1 1/2" POLYISO INSULATION BOARD
07 54 19-G	TERMINATION BAR, SET IN WATER CUT OFF MASTIC.
07 62 00-C	FASCIA CLADDING
07 62 00-J	DRIP EDGE
07 62 00-M	PRE-FINISHED METAL GUTTER
07 62 00-N	PREFINISHED METAL DOWNSPOUT
07 71 00-A	MANUFACTURED COPING
07 71 00-B	MANUFACTURED GRAVEL STOP
07 71 00-C	MANUFACTURED FASCIA CLADDING
07 71 00-D	MANUFACTURED COUNTERFLASHING SYSTEM
07 71 00-E	MANUFACTURED GUTTER
07 71 00-F	MANUFACTURED DOWNSPOUT
07 71 00-H	MANUFACTURED DRIP EDGE
07 71 29-A	MANUFACTURED ROOF EXPANSION JOINT ASSEMBLY
07 71 29-B	MANUFACTURED ROOF TO WALL EXPANSION JOINT ASSEMBLY
07 84 13-A	PENETRATION FIRESTOPPING
07 92 00-A	SEALANT
07 92 00-B	SEALANT EACH SIDE, TYPICAL
07 95 13.13-A	INTERIOR EXPANSION JOINT COVER ASSEMBLY
07 95 13.16-A	EXTERIOR EXPANSION JOINT COVER ASSEMBLY
08 11 13-A	HOLLOW METAL DOOR/BORROWED LIGHT FRAME
08 11 13-B	HOLLOW METAL DOOR
08 14 16-A	FLUSH WOOD DOOR
08 33 13-A	OVERHEAD COILING COUNTER DOOR
08 33 13-B	OVERHEAD COILING COUNTER GRILLE
08 33 13-C	INSULATED COILING COUNTER DOOR
08 33 13-E	GUIDE
08 33 23-A	OVERHEAD COILING DOOR
08 33 23-J	BREAK METAL TO MATCH DOOR GUIDE FINISH
08 33 23-K	OVERHEAD COILING DOOR WITH INTEGRATED PASS DOOR
08 41 13-A	4 1/2" ALUMINUM-FRAMED STOREFRONT
08 41 13-B	WIDE STYLE ALUMINUM ENTRANCE DOOR
08 41 13-C	ALUMINUM BRAKE METAL TO MATCH STOREFRONT FRAME
08 44 13-A	7 1/2" DEEP ALUMINUM CURTAINWALL SYSTEM
08 44 13-C	CURTAINWALL ATTACHMENT MEMBER, ALLOW FOR THERMAL MOVEMENT
08 44 13-D	ALUMINUM BREAKMETAL TO MATCH CURTAINWALL FRAME
08 44 13-F	10" DEEP ALUMINUM CURTAINWALL SYSTEM
08 80 00-A	GLAZING - SEE SCHEDULE/ELEVATIONS
08 80 00-B	SPANDREL PANEL - SEE SCHEDULE/ELEVATIONS
08 91 19-A	FIXED LOUVER
09 22 16-D	7/8" FURRING CHANNEL
09 22 16-G	2 1/2" STEEL STUD
09 22 16-H	3 5/8" STEEL STUD
09 22 16-K	6" STEEL STUD
09 29 00-B	5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE)
09 29 00-D	SOUND ATTENUATION INSULATION
09 29 00-E	SUSPENDED GYPSUM BOARD CEILING ASSEMBLY
09 51 13-A	ACOUSTICAL CEILING SUSPENSION ASSEMBLY
09 51 13-C	SUSPENDED CEILING METAL EDGE TRIM
09 82 00-A	SOUND DIFFUSIVE WOOD UNITS
10 14 23-A	PANEL SIGNAGE
10 82 00-A	ROOF AND WALL SCREENS
12 24 13	
12 24 13-A	ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE
14 24 00-D	PIT LADDER
31 20 00-C	DRAINING GRANULAR FILL
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
17707 CENTENNIAL RD, WESTFIELD, IN 46074

BID DOCUMENTS

SCOPE DRAWINGS:
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It is the responsibility of the Contractor to provide all items of scope indicated or described, the trade contractors shall install and finish all items required for the proper execution and completion of the work.

REVISIONS:

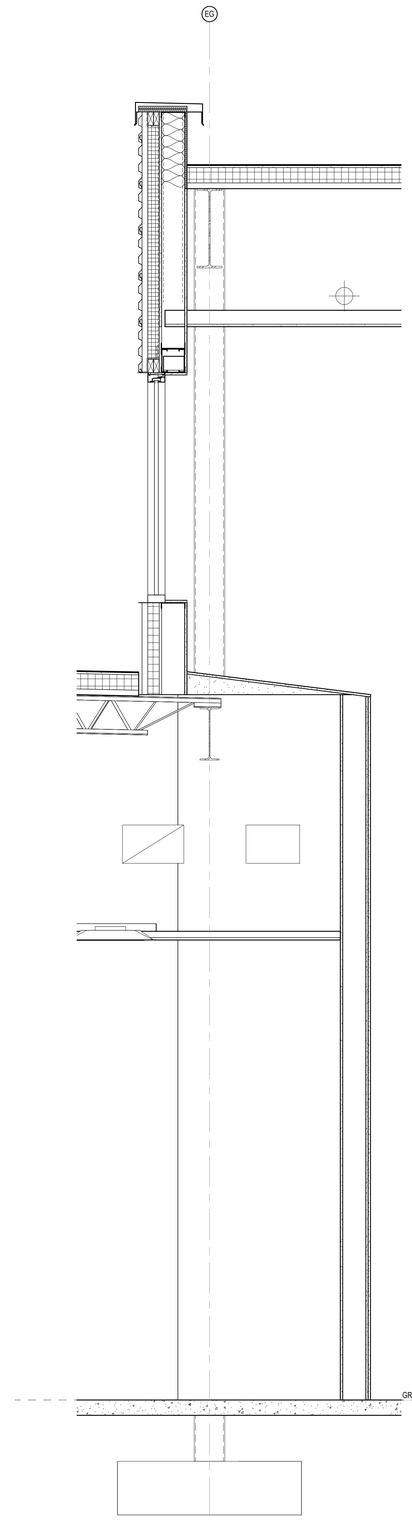
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
WALL SECTIONS

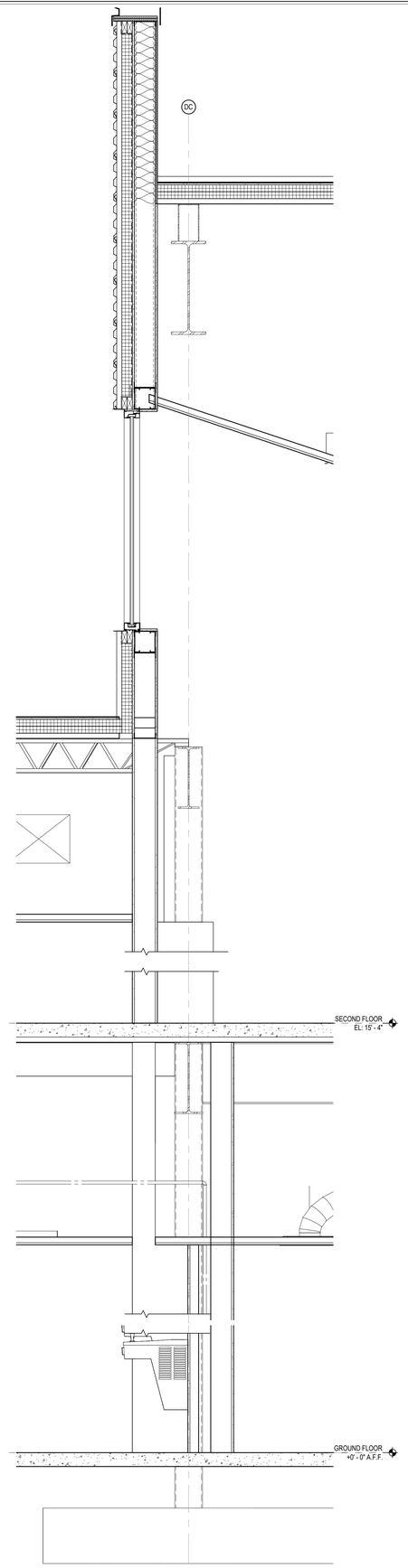
CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A410

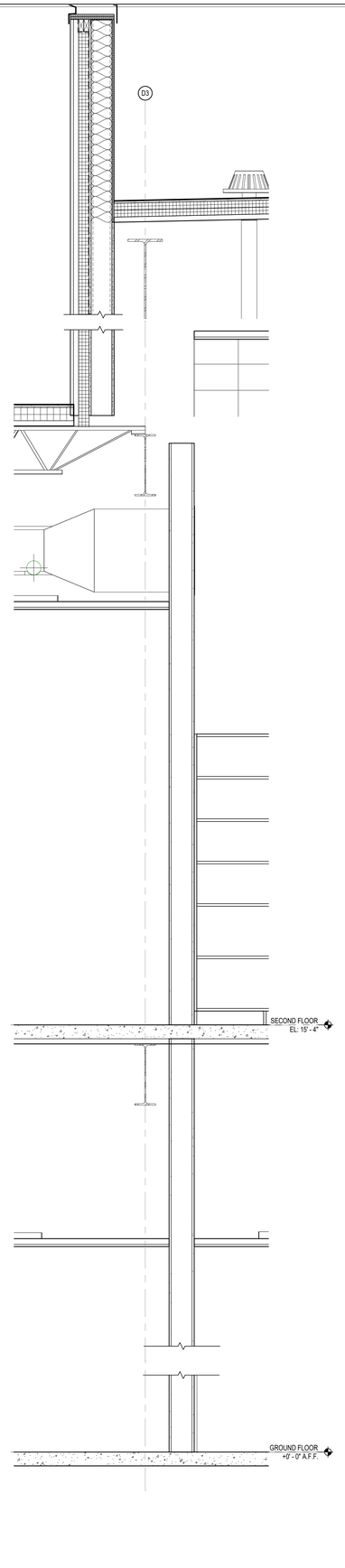
PROJECT NUMBER
2023061



3 A411 WALL SECTION
SCALE: 3/4" = 1'-0"



2 A411 WALL SECTION
SCALE: 3/4" = 1'-0"



1 A411 WALL SECTION
SCALE: 3/4" = 1'-0"

KEYNOTE LEGEND

03 30 00-A	WATERSTOP
03 30 00-B	CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL
03 30 00-C	CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL
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03 30 00-F	1/2" EXPANSION MATERIAL
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04 20 00-B	MASONRY TIE
04 20 00-C	CELL WEEP VENTS @ 16" O.C.
04 20 00-D	ADJUSTIBLE MASONRY VENEER ANCHOR AT 16" O.C. VERTICALLY
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04 20 00-G	THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE
04 20 00-H	CAVITY DRAINAGE MATERIAL
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04 20 00-K	BRICK TYPE 2 (SMOOTH FACE)
04 20 00-K.1	BRICK TYPE 2 (SOLDIER COURSE) - SEE SIZE ON DRAWING 10/A430
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04 20 00-M	6" CONCRETE MASONRY UNIT
04 20 00-N	8" CONCRETE MASONRY UNIT
04 20 00-O	10" CONCRETE MASONRY UNIT
04 20 00-P	12" CONCRETE MASONRY UNIT
04 20 00-Q	BULLNOSE UNIT
04 20 00-R	BOND BEAM MASONRY UNIT
04 20 00-S	DECORATIVE CMU (GROUND FACE)
04 20 00-T	ACOUSTICAL BLOCK
04 20 00-U	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, SMOOTH)
04 20 00-V	CALCIUM SILICATE MASONRY UNIT (LARGE FORMAT, SMOOTH)
04 20 00-W	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, ROUGH)
04 20 00-X	4" GROUND FACE CONCRETE MASONRY UNIT
04 72 00-A	CAST STONE SILL - SEE SIZE ON DRAWING 10/A430
04 72 00-B	CAST STONE
05 12 00-A	STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL
05 12 00-B	STEEL ANGLE- SEE STRUCTURAL
05 12 00-C	STEEL BENT PLATE- SEE STRUCTURAL
05 12 00-D	STEEL BEAM- SEE STRUCTURAL
05 12 00-E	STEEL COLUMN - SEE STRUCTURAL
05 12 00-F	STEEL PLATE - SEE STRUCTURAL
05 21 00-A	STEEL JOIST- SEE STRUCTURAL
05 31 00-A	METAL ROOF DECKING- SEE STRUCTURAL
05 31 00-B	METAL FLOOR DECKING- SEE STRUCTURAL
05 40 00-A	6" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-B	2 1/2" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-C	3 5/8" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-D	6"x6" 10 GA. COLD FORMED STEEL ANGLE, CUT TO FIT. ATTACH JAMB TO HEAD
05 40 00-F	CLIP ANGLE
05 40 00-J	3" 16GA. GALVANIZED Z-BAR SUB GIRTS
05 40 00-L	7/8" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 40 00-M	1 1/2" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 50 00-A	MISCELLANEOUS STEEL - SEE STRUCTURAL
05 50 00-B	GALVANIZED STEEL BRICK LINTEL
05 50 00-E	PRE-MANUFACTURED ALUMINUM ACCESS LADDER
05 50 00-F	ELEVATOR HOIST BEAM- COORDINATE WITH ELEVATOR MANUFACTURER
05 51 00-A	MANUFACTURED STEEL FRAMED STAIR
05 51 00-B	CONCRETE FILLED METAL PAN TREAD AND RISER
05 51 00-C	STAIR METAL STRINGER- CHANNEL
05 51 00-D	STAIR METAL STRINGER - TUBE
05 52 13-E	1-1/4" I.D. PAINTED STEEL PIPE RAILING
05 52 13-F	1-1/4" I.D. PAINTED STEEL PIPE HANDRAIL
05 52 13-G	1-1/4" I.D. PAINTED GALVANIZED STEEL PIPE RAILING
05 52 13-U	1-1/2" O.D. GALVANIZED STEEL PIPE GUARDRAIL
05 73 00-A	DECORATIVE METAL RAILING
05 73 00-B	1-1/4" I.D. COLOR ANODIZED ALUMINUM HANDRAIL
06 10 00-A	SHIM AS REQUIRED
06 10 00-B	2X WOOD BLOCKING
06 16 00-A	3/4" EXTERIOR GRADE PLYWOOD
06 16 00-B	5/8" EXTERIOR GRADE PLYWOOD
06 16 00-C	TWO LAYERS OF 3/4" EXTERIOR GRADE PLYWOOD
06 16 00-D	1/2" EXTERIOR GRADE PLYWOOD
06 16 00-E	5/8" EXTERIOR GYPSUM SHEATHING
06 40 00-A	1 1/2" WOOD TRIM
06 40 00-B	SOILD SURFACE WINDOW STOOL
06 40 00-G	1X HARDWOOD TRIM, STAINED
07 13 26-A	SELF-ADHEREING SHEET WATERPROOFING
07 13 26-B	RIGID INSULATION
07 13 26-C	MOLDED SHEET DRAINAGE PANEL
07 21 00-A	SLAB PERIMETER RIGID INSULATION (R-15 FOR 24")
07 21 00-J	PACK FULL WITH MINERAL WOOL INSULATION
07 21 00-K	3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8)
07 21 00-L	3" THERMALLY ISOLATED COMPOSITE Z-GIRT INSULATION SYSTEM
07 21 00-N	MINERAL WOOL BATT INSULATION
07 27 26-A	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE
07 27 26-B	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE, EXTEND AROUND BLOCK TO UNDER WINDOW / PARAPET
07 31 13-A	ASPHALT SHINGLE ROOF
07 42 13-A	PRE-FINISHED METAL WALL PANEL
07 42 13-B	METAL WALL PANEL
07 42 13-C	METAL WALL PANEL - SOFFIT
07 42 13-E	FLASHING WITH DRIP EDGE
07 42 13-F	EXTRUDED TRIM BY MFR
07 42 13-G	THROUGH WALL FLASHING WITH PERFORMED METAL DRIP EDGE
07 54 19-A	POLYVINYL-CHLORIDE (PVC) MEMBRANE ROOFING SYSTEM
07 54 19-B	1/2" COVER BOARD
07 54 19-C	TAPERED POLYISO INSULATION BOARD
07 54 19-D	2 LAYERS OF 2" POLYISO INSULATION BOARD (TOTAL R-VALUE = 22.8)
07 54 19-E	MEMBRANE ROOFING-EXTEND OVER & ATTACH TO FRONT FACE OF PARAPET
07 54 19-F	1 1/2" POLYISO INSULATION BOARD
07 54 19-G	TERMINATION BAR, SET IN WATER CUT OFF MASTIC.
07 62 00-C	FASCIA CLADDING
07 62 00-J	DRIP EDGE
07 62 00-M	PRE-FINISHED METAL GUTTER
07 62 00-N	PREFINISHED METAL DOWNSPOUT
07 71 00-A	MANUFACTURED COPING
07 71 00-B	MANUFACTURED GRAVEL STOP
07 71 00-C	MANUFACTURED FASCIA CLADDING
07 71 00-D	MANUFACTURED COUNTERFLASHING SYSTEM
07 71 00-E	MANUFACTURED GUTTER
07 71 00-F	MANUFACTURED DOWNSPOUT
07 71 00-H	MANUFACTURED DRIP EDGE
07 71 29-A	MANUFACTURED ROOF EXPANSION JOINT ASSEMBLY
07 71 29-B	MANUFACTURED ROOF TO WALL EXPANSION JOINT ASSEMBLY
07 84 13-A	PENETRATION FIRESTOPPING
07 92 00-A	SEALANT
07 92 00-B	SEALANT EACH SIDE, TYPICAL
07 95 13.13-A	INTERIOR EXPANSION JOINT COVER ASSEMBLY
07 95 13.16-A	EXTERIOR EXPANSION JOINT COVER ASSEMBLY
08 11 13-A	HOLLOW METAL DOOR/BORROWED LIGHT FRAME
08 11 13-B	HOLLOW METAL DOOR
08 14 16-A	FLUSH WOOD DOOR
08 33 13-A	OVERHEAD COILING COUNTER DOOR
08 33 13-B	OVERHEAD COILING COUNTER GRILLE
08 33 13-C	INSULATED COILING COUNTER DOOR
08 33 13-E	GUIDE
08 33 23-A	OVERHEAD COILING DOOR
08 33 23-J	BREAK METAL TO MATCH DOOR GUIDE FINISH
08 33 23-K	OVERHEAD COILING DOOR WITH INTEGRATED PASS DOOR
08 41 13-A	4 1/2" ALUMINUM-FRAMED STOREFRONT
08 41 13-B	WIDE STYLE ALUMINUM ENTRANCE DOOR
08 41 13-C	ALUMINUM BRAKE METAL TO MATCH STOREFRONT FRAME
08 44 13-A	7 1/2" DEEP ALUMINUM CURTAINWALL SYSTEM
08 44 13-C	CURTAINWALL ATTACHMENT MEMBER, ALLOW FOR THERMAL MOVEMENT
08 44 13-D	ALUMINUM BREAKMETAL TO MATCH CURTAINWALL FRAME
08 44 13-F	10" DEEP ALUMINUM CURTAINWALL SYSTEM
08 80 00-A	GLAZING - SEE SCHEDULE/ELEVATIONS
08 80 00-B	SPANDREL PANEL - SEE SCHEDULE/ELEVATIONS
08 91 19-A	FIXED LOUVER
09 22 16-D	7/8" FURRING CHANNEL
09 22 16-G	2 1/2" STEEL STUD
09 22 16-H	3 5/8" STEEL STUD
09 22 16-K	6" STEEL STUD
09 29 00-B	5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE)
09 29 00-D	SOUND ATTENUATION INSULATION
09 29 00-E	SUSPENDED GYPSUM BOARD CEILING ASSEMBLY
09 51 13-A	ACOUSTICAL CEILING SUSPENSION ASSEMBLY
09 51 13-C	SUSPENDED CEILING METAL EDGE TRIM
09 82 00-A	SOUND DIFFUSIVE WOOD UNITS
10 14 23-A	PANEL SIGNAGE
10 82 00-A	ROOF AND WALL SCREENS
12 24 13	
12 24 13-A	ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE
14 24 00-D	PIT LADDER
31 20 00-C	DRAINING GRANULAR FILL
32 13 16-A	SIDEWALK- SEE LANDSCAPE SHEETS
32 31 13-A	CHAIN-LINK FENCE- SEE LANDSCAPE SHEETS
32 31 19-A	ORNAMENTAL FENCE- SEE LANDSCAPE SHEETS

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project limits, dimensions, and relationships, the general character of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the intended construction.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

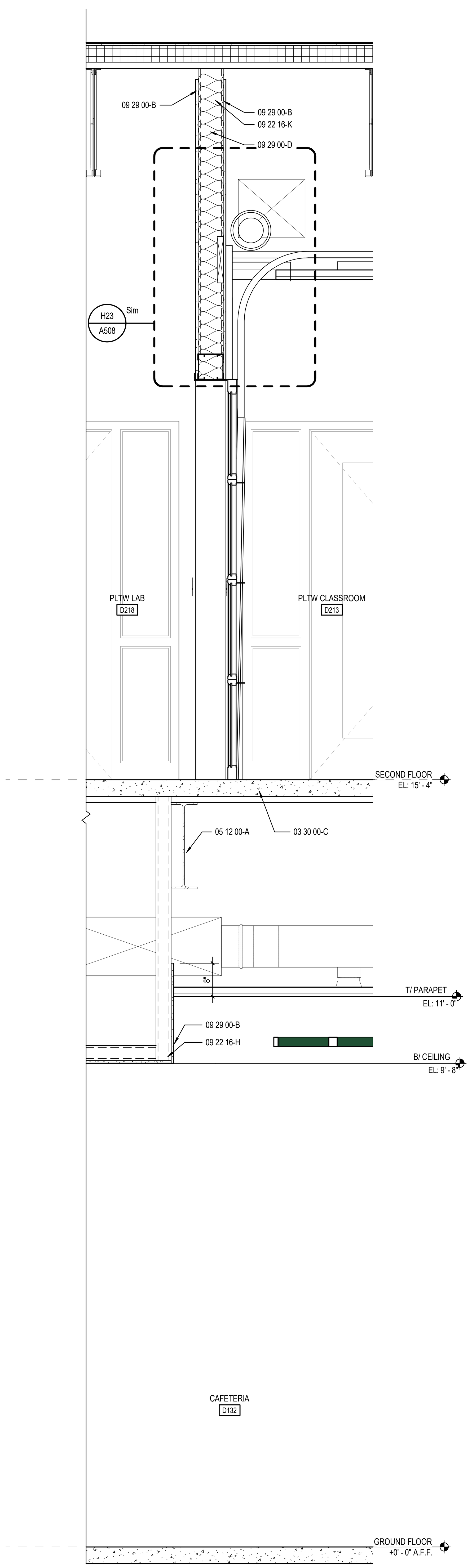
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
WALL SECTIONS

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A411

PROJECT NUMBER
2023061



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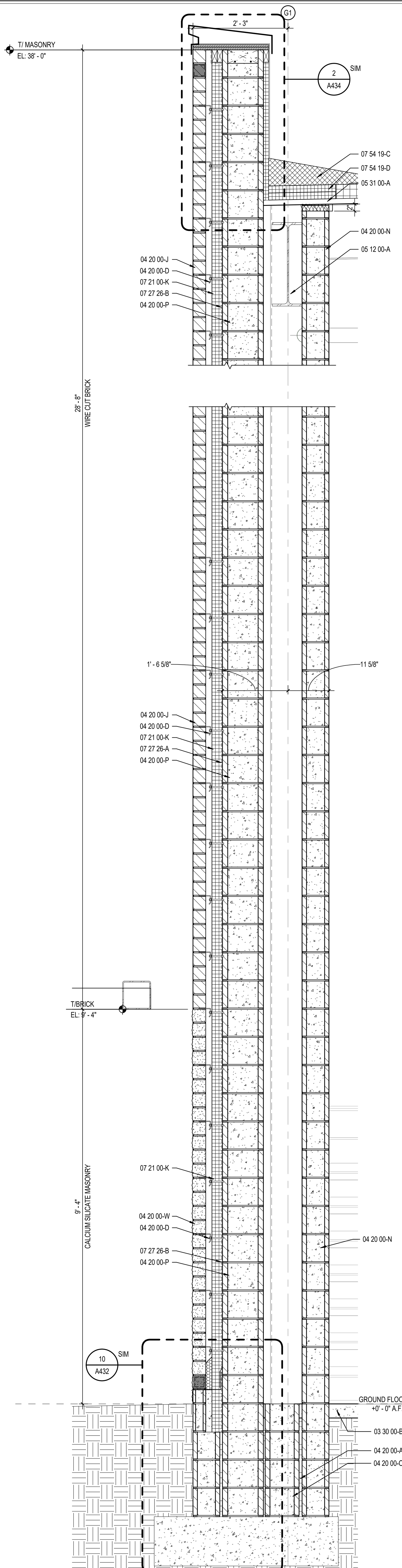
A412
WALL SECTION
SCALE: 3/4" = 1'-0"



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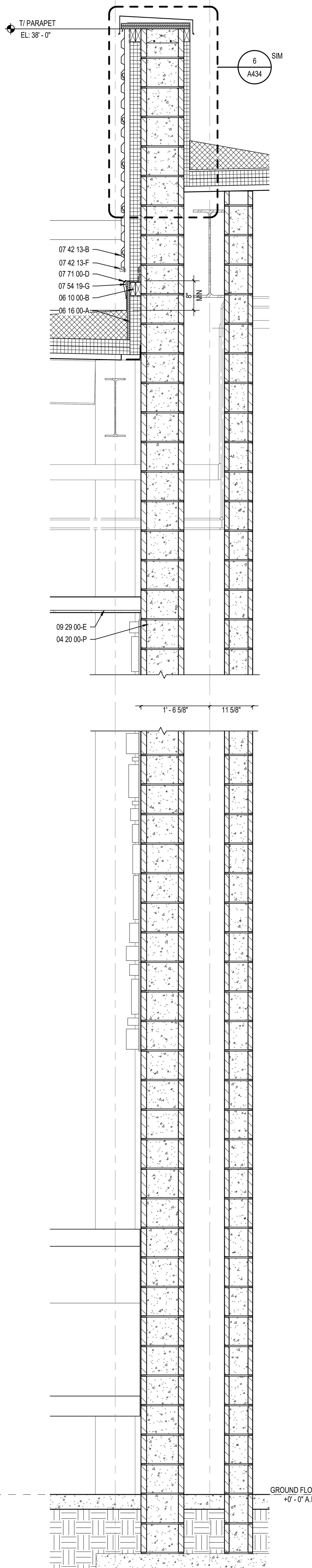
WALL SECTION
SCALE: 3/4" = 1'-0"



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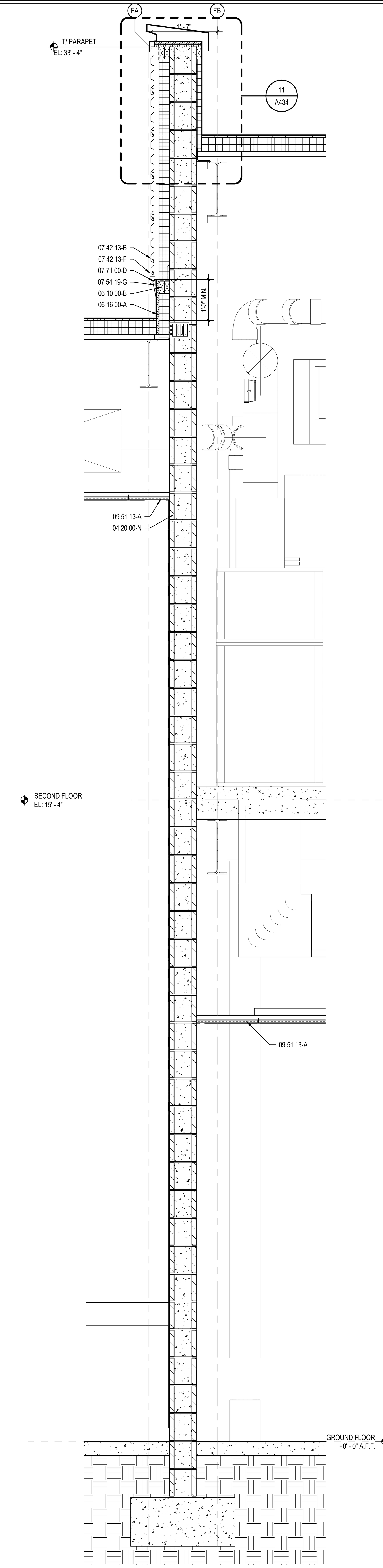
WALL SECTION
SCALE: 3/4" = 1'-0"



1
A412
WALL SECTION
SCALE: 3/4" = 1'-0"

KEYNOTE LEGEND

03 30 00-A	WATERSTOP
03 30 00-B	CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL
03 30 00-C	CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL
03 30 00-D	CONCRETE FOUNDATION- SEE STRUCTURAL
03 30 00-E	CONCRETE FOOTING- SEE STRUCTURAL
03 30 00-F	1/2" EXPANSION MATERIAL
04 20 00-A	GROUT CORE SOLID
04 20 00-B	MASONRY TIE
04 20 00-C	CELL WEEP VENTS @ 16" O.C.
04 20 00-D	ADJUSTIBLE MASONRY VENEER ANCHOR AT 16" O.C. VERTICALLY
04 20 00-F	METAL FLASHING
04 20 00-G	THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE
04 20 00-H	CAVITY DRAINAGE MATERIAL
04 20 00-J	BRICK TYPE 1 (WIRE CUT)
04 20 00-K	BRICK TYPE 2 (SMOOTH FACE)
04 20 00-K.1	BRICK TYPE 2 (SOLDIER COURSE) - SEE SIZE ON DRAWING 10/A430
04 20 00-L	4" CONCRETE MASONRY UNIT
04 20 00-M	6" CONCRETE MASONRY UNIT
04 20 00-N	8" CONCRETE MASONRY UNIT
04 20 00-O	10" CONCRETE MASONRY UNIT
04 20 00-P	12" CONCRETE MASONRY UNIT
04 20 00-Q	BULLNOSE UNIT
04 20 00-R	BOND BEAM MASONRY UNIT
04 20 00-S	DECORATIVE CMU (GROUND FACE)
04 20 00-T	ACOUSTICAL BLOCK
04 20 00-U	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, SMOOTH)
04 20 00-V	CALCIUM SILICATE MASONRY UNIT (LARGE FORMAT, SMOOTH)
04 20 00-W	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, ROUGH)
04 20 00-X	4" GROUND FACE CONCRETE MASONRY UNIT
04 72 00-A	CAST STONE SILL - SEE SIZE ON DRAWING 10/A430
04 72 00-B	CAST STONE
05 12 00-A	STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL
05 12 00-B	STEEL ANGLE- SEE STRUCTURAL
05 12 00-C	STEEL BENT PLATE- SEE STRUCTURAL
05 12 00-D	STEEL BEAM- SEE STRUCTURAL
05 12 00-E	STEEL COLUMN - SEE STRUCTURAL
05 12 00-F	STEEL PLATE - SEE STRUCTURAL
05 21 00-A	STEEL JOIST- SEE STRUCTURAL
05 31 00-A	METAL ROOF DECKING- SEE STRUCTURAL
05 31 00-B	METAL FLOOR DECKING- SEE STRUCTURAL
05 40 00-A	6" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-B	2 1/2" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-C	3 5/8" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-D	6"x6" 10 GA. COLD FORMED STEEL ANGLE, CUT TO FIT. ATTACH JAMB TO HEAD
05 40 00-F	CLIP ANGLE
05 40 00-J	3" 16GA. GALVANIZED Z-BAR SUB GIRTS
05 40 00-L	7/8" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 40 00-M	1 1/2" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 50 00-A	MISCELLANEOUS STEEL - SEE STRUCTURAL
05 50 00-B	GALVANIZED STEEL BRICK LINTEL
05 50 00-E	PRE-MANUFACTURED ALUMINUM ACCESS LADDER
05 50 00-F	ELEVATOR HOIST BEAM- COORDINATE WITH ELEVATOR MANUFACTURER
05 51 00-A	MANUFACTURED STEEL FRAMED STAIR
05 51 00-B	CONCRETE FILLED METAL PAN TREAD AND RISER
05 51 00-C	STAIR METAL STRINGER- CHANNEL
05 51 00-D	STAIR METAL STRINGER - TUBE
05 52 13-E	1-1/4" I.D. PAINTED STEEL PIPE RAILING
05 52 13-F	1-1/4" I.D. PAINTED STEEL PIPE HANDRAIL
05 52 13-G	1-1/4" I.D. PAINTED GALVANIZED STEEL PIPE RAILING
05 52 13-U	1-1/2" O.D. GALVANIZED STEEL PIPE GUARDRAIL
05 73 00-A	DECORATIVE METAL RAILING
05 73 00-B	1-1/4" I.D. COLOR ANODIZED ALUMINUM HANDRAIL
06 10 00-A	SHIM AS REQUIRED
06 10 00-B	2X WOOD BLOCKING
06 16 00-A	3/4" EXTERIOR GRADE PLYWOOD
06 16 00-B	5/8" EXTERIOR GRADE PLYWOOD
06 16 00-C	TWO LAYERS OF 3/4" EXTERIOR GRADE PLYWOOD
06 16 00-D	1/2" EXTERIOR GRADE PLYWOOD
06 16 00-E	5/8" EXTERIOR GYPSUM SHEATHING
06 40 00-A	1 1/2" WOOD TRIM
06 40 00-B	SOILD SURFACE WINDOW STOOL
06 40 00-G	1X HARDWOOD TRIM, STAINED
07 13 26-A	SELF-ADHEREING SHEET WATERPROOFING
07 13 26-B	RIGID INSULATION
07 13 26-C	MOLDED SHEET DRAINAGE PANEL
07 21 00-A	SLAB PERIMETER RIGID INSULATION (R-15 FOR 24")
07 21 00-J	PACK FULL WITH MINERAL WOOL INSULATION
07 21 00-K	3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8)
07 21 00-L	3" THERMALLY ISOLATED COMPOSITE Z-GIRT INSULATION SYSTEM
07 21 00-N	MINERAL WOOL BATT INSULATION
07 27 26-A	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE
07 27 26-B	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE, EXTEND AROUND BLOCK TO UNDER WINDOW / PARAPET
07 31 13-A	ASPHALT SHINGLE ROOF
07 42 13-A	PRE-FINISHED METAL WALL PANEL
07 42 13-B	METAL WALL PANEL
07 42 13-C	METAL WALL PANEL - SOFFIT
07 42 13-E	FLASHING WITH DRIP EDGE
07 42 13-F	EXTRUDED TRIM BY MFR
07 42 13-G	THROUGH WALL FLASHING WITH PERFORMED METAL DRIP EDGE
07 54 19-A	POLYVINYL-CHLORIDE (PVC) MEMBRANE ROOFING SYSTEM
07 54 19-B	1/2" COVER BOARD
07 54 19-C	TAPERED POLYISO INSULATION BOARD
07 54 19-D	2 LAYERS OF 2" POLYISO INSULATION BOARD (TOTAL R-VALUE = 22.8)
07 54 19-E	MEMBRANE ROOFING-EXTEND OVER & ATTACH TO FRONT FACE OF PARAPET
07 54 19-F	1 1/2" POLYISO INSULATION BOARD
07 54 19-G	TERMINATION BAR, SET IN WATER CUT OFF MASTIC.
07 62 00-C	FASCIA CLADDING
07 62 00-J	DRIP EDGE
07 62 00-M	PRE-FINISHED METAL GUTTER
07 62 00-N	PREFINISHED METAL DOWNSPOUT
07 71 00-A	MANUFACTURED COPING
07 71 00-B	MANUFACTURED GRAVEL STOP
07 71 00-C	MANUFACTURED FASCIA CLADDING
07 71 00-D	MANUFACTURED COUNTERFLASHING SYSTEM
07 71 00-E	MANUFACTURED GUTTER
07 71 00-F	MANUFACTURED DOWNSPOUT
07 71 00-H	MANUFACTURED DRIP EDGE
07 71 29-A	MANUFACTURED ROOF EXPANSION JOINT ASSEMBLY
07 71 29-B	MANUFACTURED ROOF TO WALL EXPANSION JOINT ASSEMBLY
07 84 13-A	PENETRATION FIRESTOPPING
07 92 00-A	SEALANT
07 92 00-B	SEALANT EACH SIDE, TYPICAL
07 95 13.13-A	INTERIOR EXPANSION JOINT COVER ASSEMBLY
07 95 13.16-A	EXTERIOR EXPANSION JOINT COVER ASSEMBLY
08 11 13-A	HOLLOW METAL DOOR/BORROWED LIGHT FRAME
08 11 13-B	HOLLOW METAL DOOR
08 14 16-A	FLUSH WOOD DOOR
08 33 13-A	OVERHEAD COILING COUNTER DOOR
08 33 13-B	OVERHEAD COILING COUNTER GRILLE
08 33 13-C	INSULATED COILING COUNTER DOOR
08 33 13-E	GUIDE
08 33 23-A	OVERHEAD COILING DOOR
08 33 23-J	BREAK METAL TO MATCH DOOR GUIDE FINISH
08 33 23-K	OVERHEAD COILING DOOR WITH INTEGRATED PASS DOOR
08 41 13-A	4 1/2" ALUMINUM-FRAMED STOREFRONT
08 41 13-B	WIDE STYLE ALUMINUM ENTRANCE DOOR
08 41 13-C	ALUMINUM BRAKE METAL TO MATCH STOREFRONT FRAME
08 44 13-A	7 1/2" DEEP ALUMINUM CURTAINWALL SYSTEM
08 44 13-C	CURTAINWALL ATTACHMENT MEMBER, ALLOW FOR THERMAL MOVEMENT
08 44 13-D	ALUMINUM BREAKMETAL TO MATCH CURTAINWALL FRAME
08 44 13-F	10" DEEP ALUMINUM CURTAINWALL SYSTEM
08 80 00-A	GLAZING - SEE SCHEDULE/ELEVATIONS
08 80 00-B	SPANDREL PANEL - SEE SCHEDULE/ELEVATIONS
08 91 19-A	FIXED LOUVER
09 22 16-D	7/8" FURRING CHANNEL
09 22 16-G	2 1/2" STEEL STUD
09 22 16-H	3 5/8" STEEL STUD
09 22 16-K	6" STEEL STUD
09 29 00-B	5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE)
09 29 00-D	SOUND ATTENUATION INSULATION
09 29 00-E	SUSPENDED GYPSUM BOARD CEILING ASSEMBLY
09 51 13-A	ACOUSTICAL CEILING SUSPENSION ASSEMBLY
09 51 13-C	SUSPENDED CEILING METAL EDGE TRIM
09 82 00-A	SOUND DIFFUSIVE WOOD UNITS
10 14 23-A	PANEL SIGNAGE
10 82 00-A	ROOF AND WALL SCREENS
12 24 13	
12 24 13-A	ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE
14 24 00-D	PIT LADDER
31 20 00-C	DRAINING GRANULAR FILL
32 13 16-A	SIDEWALK- SEE LANDSCAPE SHEETS
32 31 13-A	CHAIN-LINK FENCE- SEE LANDSCAPE SHEETS
32 31 19-A	ORNAMENTAL FENCE- SEE LANDSCAPE SHEETS

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

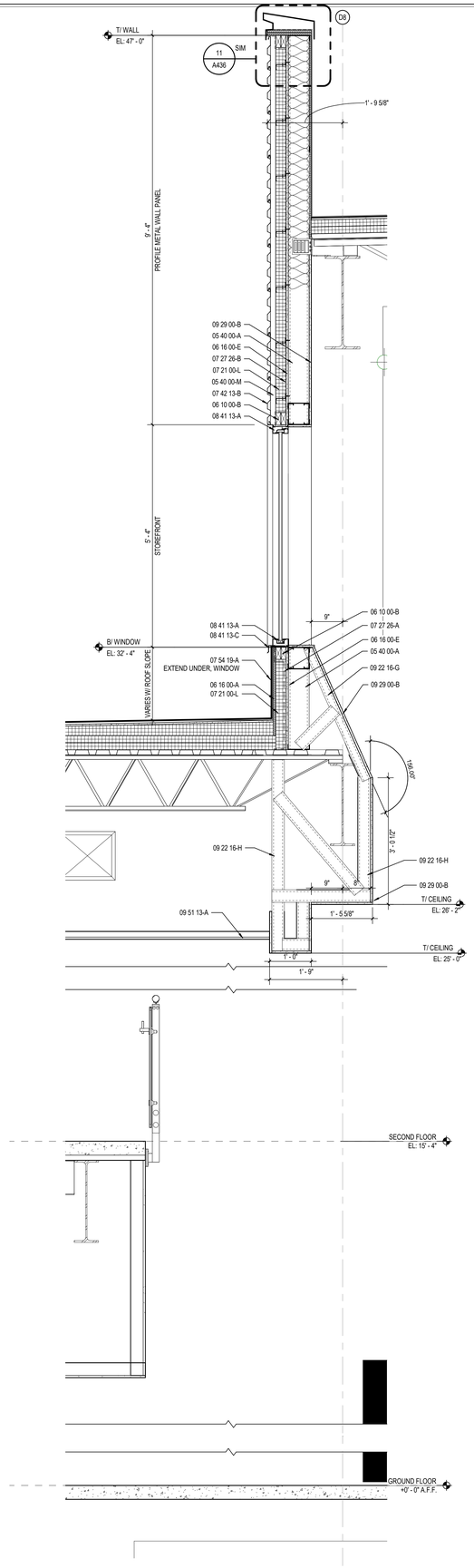
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
WALL SECTIONS

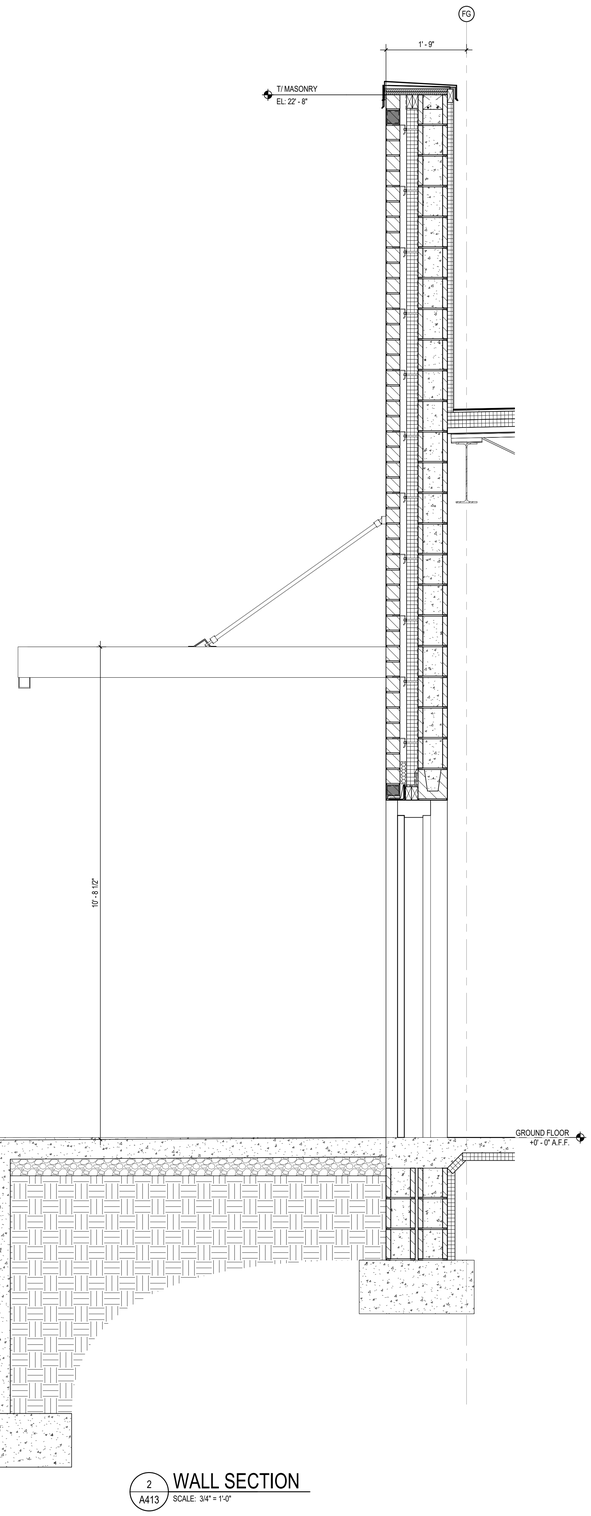
CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A412

PROJECT NUMBER
2023061



1 A413 WALL SECTION
SCALE: 3/4" = 1'-0"



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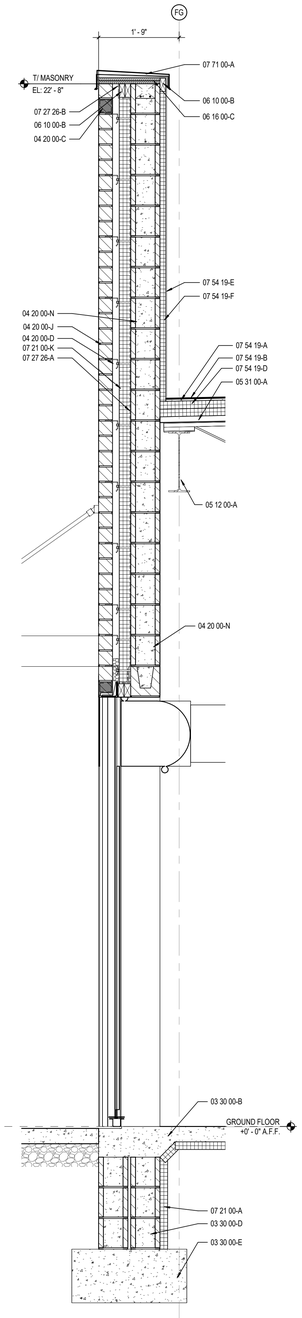

3 A413 WALL SECTION
SCALE: 3/4" = 1'-0"

KEYNOTE LEGEND

03 30 00-A	WATERSTOP
03 30 00-B	CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL
03 30 00-C	CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL
03 30 00-D	CONCRETE FOUNDATION- SEE STRUCTURAL
03 30 00-E	CONCRETE FOOTING- SEE STRUCTURAL
03 30 00-F	1/2" EXPANSION MATERIAL
04 20 00-A	GROUT CORE SOLID
04 20 00-B	MASONRY TIE
04 20 00-C	CELL WEEP VENTS @ 16" O.C.
04 20 00-D	ADJUSTIBLE MASONRY VENEER ANCHOR AT 16" O.C. VERTICALLY
04 20 00-F	METAL FLASHING
04 20 00-G	THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE
04 20 00-H	CAVITY DRAINAGE MATERIAL
04 20 00-J	BRICK TYPE 1 (WIRE CUT)
04 20 00-K	BRICK TYPE 2 (SMOOTH FACE)
04 20 00-K.1	BRICK TYPE 2 (SOLDIER COURSE) - SEE SIZE ON DRAWING 10/A430
04 20 00-L	4" CONCRETE MASONRY UNIT
04 20 00-M	6" CONCRETE MASONRY UNIT
04 20 00-N	8" CONCRETE MASONRY UNIT
04 20 00-O	10" CONCRETE MASONRY UNIT
04 20 00-P	12" CONCRETE MASONRY UNIT
04 20 00-Q	BULLNOSE UNIT
04 20 00-R	BOND BEAM MASONRY UNIT
04 20 00-S	DECORATIVE CMU (GROUND FACE)
04 20 00-T	ACOUSTICAL BLOCK
04 20 00-U	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, SMOOTH)
04 20 00-V	CALCIUM SILICATE MASONRY UNIT (LARGE FORMAT, SMOOTH)
04 20 00-W	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, ROUGH)
04 20 00-X	4" GROUND FACE CONCRETE MASONRY UNIT
04 72 00-A	CAST STONE SILL - SEE SIZE ON DRAWING 10/A430
04 72 00-B	CAST STONE
05 12 00-A	STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL
05 12 00-B	STEEL ANGLE- SEE STRUCTURAL
05 12 00-C	STEEL BENT PLATE- SEE STRUCTURAL
05 12 00-D	STEEL BEAM- SEE STRUCTURAL
05 12 00-E	STEEL COLUMN - SEE STRUCTURAL
05 12 00-F	STEEL PLATE - SEE STRUCTURAL
05 21 00-A	STEEL JOIST- SEE STRUCTURAL
05 31 00-A	METAL ROOF DECKING- SEE STRUCTURAL
05 31 00-B	METAL FLOOR DECKING- SEE STRUCTURAL
05 40 00-A	6" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-B	2 1/2" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-C	3 5/8" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-D	6"x6" 10 GA. COLD FORMED STEEL ANGLE, CUT TO FIT. ATTACH JAMB TO HEAD
05 40 00-F	CLIP ANGLE
05 40 00-J	3" 16GA. GALVANIZED Z-BAR SUB GIRTS
05 40 00-L	7/8" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 40 00-M	1 1/2" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 50 00-A	MISCELLANEOUS STEEL - SEE STRUCTURAL
05 50 00-B	GALVANIZED STEEL BRICK LINTEL
05 50 00-E	PRE-MANUFACTURED ALUMINUM ACCESS LADDER
05 50 00-F	ELEVATOR HOIST BEAM- COORDINATE WITH ELEVATOR MANUFACTURER
05 51 00-A	MANUFACTURED STEEL FRAMED STAIR
05 51 00-B	CONCRETE FILLED METAL PAN TREAD AND RISER
05 51 00-C	STAIR METAL STRINGER- CHANNEL
05 51 00-D	STAIR METAL STRINGER - TUBE
05 52 13-E	1-1/4" I.D. PAINTED STEEL PIPE RAILING
05 52 13-F	1-1/4" I.D. PAINTED STEEL PIPE HANDRAIL
05 52 13-G	1-1/4" I.D. PAINTED GALVANIZED STEEL PIPE RAILING
05 52 13-U	1-1/2" O.D. GALVANIZED STEEL PIPE GUARDRAIL
05 73 00-A	DECORATIVE METAL RAILING
05 73 00-B	1-1/4" I.D. COLOR ANODIZED ALUMINUM HANDRAIL
06 10 00-A	SHIM AS REQUIRED
06 10 00-B	2X WOOD BLOCKING
06 16 00-A	3/4" EXTERIOR GRADE PLYWOOD
06 16 00-B	5/8" EXTERIOR GRADE PLYWOOD
06 16 00-C	TWO LAYERS OF 3/4" EXTERIOR GRADE PLYWOOD
06 16 00-D	1/2" EXTERIOR GRADE PLYWOOD
06 16 00-E	5/8" EXTERIOR GYPSUM SHEATHING
06 40 00-A	1 1/2" WOOD TRIM
06 40 00-B	SOILD SURFACE WINDOW STOOL
06 40 00-G	1X HARDWOOD TRIM, STAINED
07 13 26-A	SELF-ADHEREING SHEET WATERPROOFING
07 13 26-B	RIGID INSULATION
07 13 26-C	MOLDED SHEET DRAINAGE PANEL
07 21 00-A	SLAB PERIMETER RIGID INSULATION (R-15 FOR 24")
07 21 00-J	PACK FULL WITH MINERAL WOOL INSULATION
07 21 00-K	3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8)
07 21 00-L	3" THERMALLY ISOLATED COMPOSITE Z-GIRT INSULATION SYSTEM
07 21 00-N	MINERAL WOOL BATT INSULATION
07 27 26-A	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE
07 27 26-B	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE, EXTEND AROUND BLOCK TO UNDER WINDOW / PARAPET
07 31 13-A	ASPHALT SHINGLE ROOF
07 42 13-A	PRE-FINISHED METAL WALL PANEL
07 42 13-B	METAL WALL PANEL
07 42 13-C	METAL WALL PANEL - SOFFIT
07 42 13-E	FLASHING WITH DRIP EDGE
07 42 13-F	EXTRUDED TRIM BY MFR
07 42 13-G	THROUGH WALL FLASHING WITH PERFORMED METAL DRIP EDGE
07 54 19-A	POLYVINYL-CHLORIDE (PVC) MEMBRANE ROOFING SYSTEM
07 54 19-B	1/2" COVER BOARD
07 54 19-C	TAPERED POLYISO INSULATION BOARD
07 54 19-D	2 LAYERS OF 2" POLYISO INSULATION BOARD (TOTAL R-VALUE = 22.8)
07 54 19-E	MEMBRANE ROOFING-EXTEND OVER & ATTACH TO FRONT FACE OF PARAPET
07 54 19-F	1 1/2" POLYISO INSULATION BOARD
07 54 19-G	TERMINATION BAR, SET IN WATER CUT OFF MASTIC.
07 62 00-C	FASCIA CLADDING
07 62 00-J	DRIP EDGE
07 62 00-M	PRE-FINISHED METAL GUTTER
07 62 00-N	PREFINISHED METAL DOWNSPOUT
07 71 00-A	MANUFACTURED COPING
07 71 00-B	MANUFACTURED GRAVEL STOP
07 71 00-C	MANUFACTURED FASCIA CLADDING
07 71 00-D	MANUFACTURED COUNTERFLASHING SYSTEM
07 71 00-E	MANUFACTURED GUTTER
07 71 00-F	MANUFACTURED DOWNSPOUT
07 71 00-H	MANUFACTURED DRIP EDGE
07 71 29-A	MANUFACTURED ROOF EXPANSION JOINT ASSEMBLY
07 71 29-B	MANUFACTURED ROOF TO WALL EXPANSION JOINT ASSEMBLY
07 84 13-A	PENETRATION FIRESTOPPING
07 92 00-A	SEALANT
07 92 00-B	SEALANT EACH SIDE, TYPICAL
07 95 13.13-A	INTERIOR EXPANSION JOINT COVER ASSEMBLY
07 95 13.16-A	EXTERIOR EXPANSION JOINT COVER ASSEMBLY
08 11 13-A	HOLLOW METAL DOOR/BORROWED LIGHT FRAME
08 11 13-B	HOLLOW METAL DOOR
08 14 16-A	FLUSH WOOD DOOR
08 33 13-A	OVERHEAD COILING COUNTER DOOR
08 33 13-B	OVERHEAD COILING COUNTER GRILLE
08 33 13-C	INSULATED COILING COUNTER DOOR
08 33 13-E	GUIDE
08 33 23-A	OVERHEAD COILING DOOR
08 33 23-J	BREAK METAL TO MATCH DOOR GUIDE FINISH
08 33 23-K	OVERHEAD COILING DOOR WITH INTEGRATED PASS DOOR
08 41 13-A	4 1/2" ALUMINUM-FRAMED STOREFRONT
08 41 13-B	WIDE STYLE ALUMINUM ENTRANCE DOOR
08 41 13-C	ALUMINUM BRAKE METAL TO MATCH STOREFRONT FRAME
08 44 13-A	7 1/2" DEEP ALUMINUM CURTAINWALL SYSTEM
08 44 13-C	CURTAINWALL ATTACHMENT MEMBER, ALLOW FOR THERMAL MOVEMENT
08 44 13-D	ALUMINUM BREAKMETAL TO MATCH CURTAINWALL FRAME
08 44 13-F	10" DEEP ALUMINUM CURTAINWALL SYSTEM
08 80 00-A	GLAZING - SEE SCHEDULE/ELEVATIONS
08 80 00-B	SPANDREL PANEL - SEE SCHEDULE/ELEVATIONS
08 91 19-A	FIXED LOUVER
09 22 16-D	7/8" FURRING CHANNEL
09 22 16-G	2 1/2" STEEL STUD
09 22 16-H	3 5/8" STEEL STUD
09 22 16-K	6" STEEL STUD
09 29 00-B	5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE)
09 29 00-D	SOUND ATTENUATION INSULATION
09 29 00-E	SUSPENDED GYPSUM BOARD CEILING ASSEMBLY
09 51 13-A	ACOUSTICAL CEILING SUSPENSION ASSEMBLY
09 51 13-C	SUSPENDED CEILING METAL EDGE TRIM
09 82 00-A	SOUND DIFFUSIVE WOOD UNITS
10 14 23-A	PANEL SIGNAGE
10 82 00-A	ROOF AND WALL SCREENS
12 24 13	
12 24 13-A	ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE
14 24 00-D	PIT LADDER
31 20 00-C	DRAINING GRANULAR FILL
32 13 16-A	SIDEWALK- SEE LANDSCAPE SHEETS
32 31 13-A	CHAIN-LINK FENCE- SEE LANDSCAPE SHEETS
32 31 19-A	ORNAMENTAL FENCE- SEE LANDSCAPE SHEETS

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. They are not intended to be construction drawings or describe all work required for full performance and completion of the requirements of the Contract.
The Bidder shall determine the actual scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

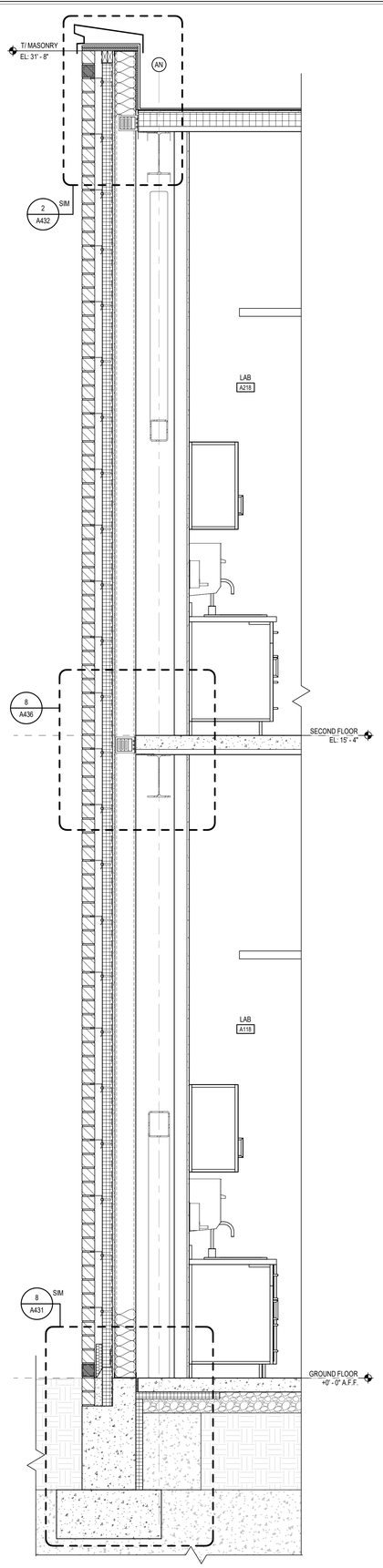
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
WALL SECTIONS

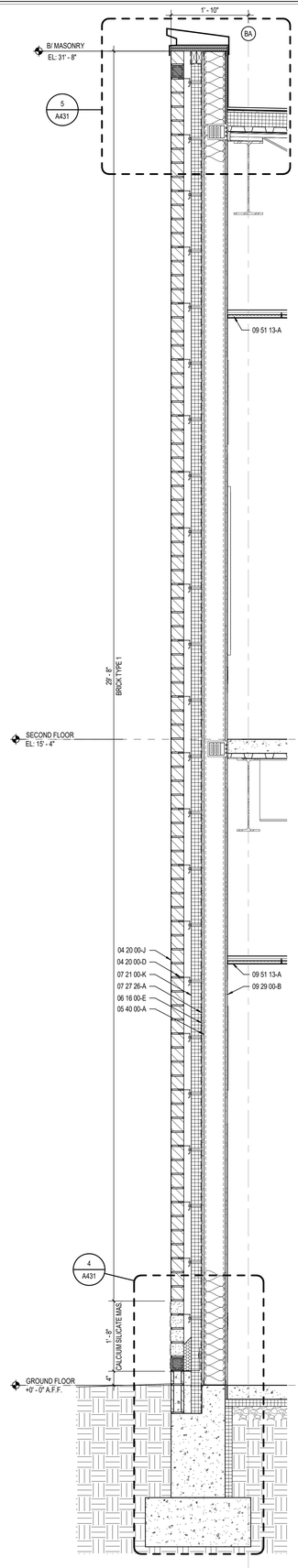
CERTIFIED BY:
BRENT C. HIRE
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A413

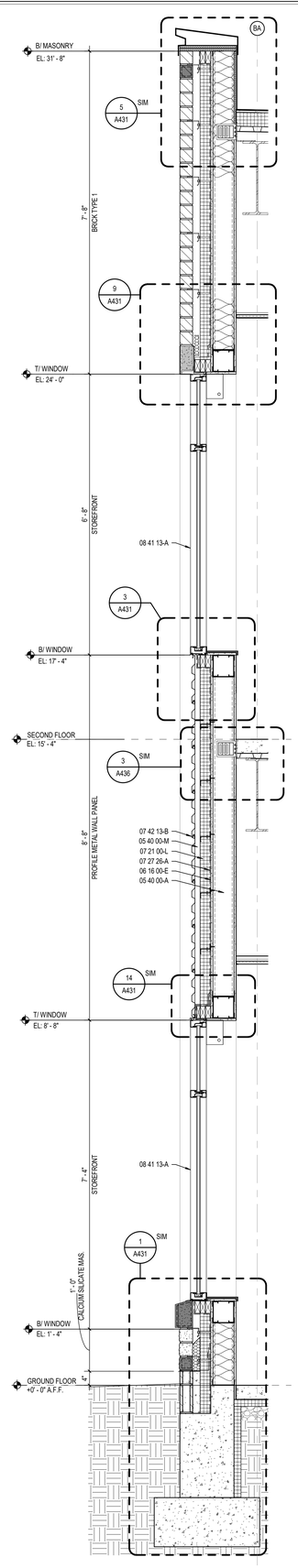
PROJECT NUMBER
2023061



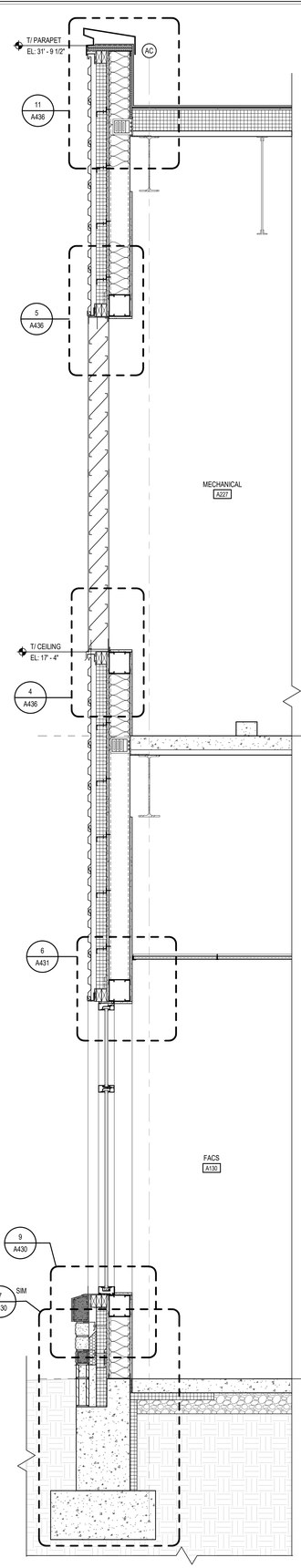
5 WALL SECTION
A414 SCALE: 3/4" = 1'-0"



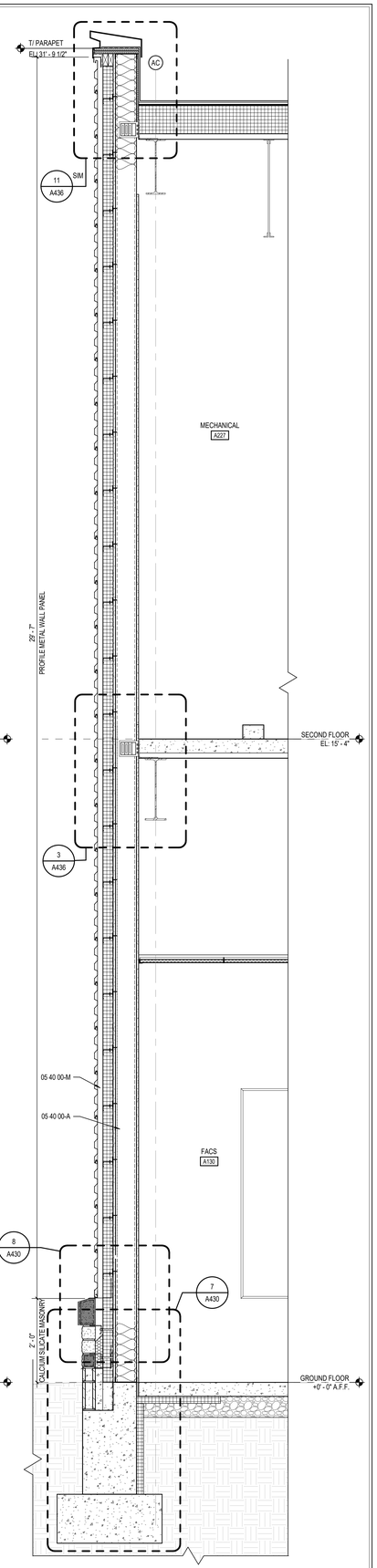
4 WALL SECTION
A414 SCALE: 3/4" = 1'-0"



3 WALL SECTION
A414 SCALE: 3/4" = 1'-0"



2 WALL SECTION
A414 SCALE: 3/4" = 1'-0"



1 WALL SECTION
A414 SCALE: 3/4" = 1'-0"

KEYNOTE LEGEND

03 30 00-A	WATERSTOP
03 30 00-B	CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL
03 30 00-C	CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL
03 30 00-D	CONCRETE FOUNDATION- SEE STRUCTURAL
03 30 00-E	CONCRETE FOOTING- SEE STRUCTURAL
03 30 00-F	1/2" EXPANSION MATERIAL
04 20 00-A	GROUT CORE SOLID
04 20 00-B	MASONRY TIE
04 20 00-C	CELL WEEP VENTS @ 16" O.C.
04 20 00-D	ADJUSTIBLE MASONRY VENEER ANCHOR AT 16" O.C. VERTICALLY
04 20 00-F	METAL FLASHING
04 20 00-G	THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE
04 20 00-H	CAVITY DRAINAGE MATERIAL
04 20 00-J	BRICK TYPE 1 (WIRE CUT)
04 20 00-K	BRICK TYPE 2 (SMOOTH FACE)
04 20 00-K.1	BRICK TYPE 2 (SOLDIER COURSE) - SEE SIZE ON DRAWING 10/A430
04 20 00-L	4" CONCRETE MASONRY UNIT
04 20 00-M	6" CONCRETE MASONRY UNIT
04 20 00-N	8" CONCRETE MASONRY UNIT
04 20 00-O	10" CONCRETE MASONRY UNIT
04 20 00-P	12" CONCRETE MASONRY UNIT
04 20 00-Q	BULLNOSE UNIT
04 20 00-R	BOND BEAM MASONRY UNIT
04 20 00-S	DECORATIVE CMU (GROUND FACE)
04 20 00-T	ACOUSTICAL BLOCK
04 20 00-U	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, SMOOTH)
04 20 00-V	CALCIUM SILICATE MASONRY UNIT (LARGE FORMAT, SMOOTH)
04 20 00-W	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, ROUGH)
04 20 00-X	4" GROUND FACE CONCRETE MASONRY UNIT
04 72 00-A	CAST STONE SILL - SEE SIZE ON DRAWING 10/A430
04 72 00-B	CAST STONE
05 12 00-A	STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL
05 12 00-B	STEEL ANGLE- SEE STRUCTURAL
05 12 00-C	STEEL BENT PLATE- SEE STRUCTURAL
05 12 00-D	STEEL BEAM- SEE STRUCTURAL
05 12 00-E	STEEL COLUMN - SEE STRUCTURAL
05 12 00-F	STEEL PLATE - SEE STRUCTURAL
05 21 00-A	STEEL JOIST- SEE STRUCTURAL
05 31 00-A	METAL ROOF DECKING- SEE STRUCTURAL
05 31 00-B	METAL FLOOR DECKING- SEE STRUCTURAL
05 40 00-A	6" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-B	2 1/2" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-C	3 5/8" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-D	6"x6" 10 GA. COLD FORMED STEEL ANGLE, CUT TO FIT. ATTACH JAMB TO HEAD
05 40 00-F	CLIP ANGLE
05 40 00-J	3" 16GA. GALVANIZED Z-BAR SUB GIRTS
05 40 00-L	7/8" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 40 00-M	1 1/2" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 50 00-A	MISCELLANEOUS STEEL - SEE STRUCTURAL
05 50 00-B	GALVANIZED STEEL BRICK LINTEL
05 50 00-E	PRE-MANUFACTURED ALUMINUM ACCESS LADDER
05 50 00-F	ELEVATOR HOIST BEAM- COORDINATE WITH ELEVATOR MANUFACTURER
05 51 00-A	MANUFACTURED STEEL FRAMED STAIR
05 51 00-B	CONCRETE FILLED METAL PAN TREAD AND RISER
05 51 00-C	STAIR METAL STRINGER- CHANNEL
05 51 00-D	STAIR METAL STRINGER - TUBE
05 52 13-E	1-1/4" I.D. PAINTED STEEL PIPE RAILING
05 52 13-F	1-1/4" I.D. PAINTED STEEL PIPE HANDRAIL
05 52 13-G	1-1/4" I.D. PAINTED GALVANIZED STEEL PIPE RAILING
05 52 13-U	1-1/2" O.D. GALVANIZED STEEL PIPE GUARDRAIL
05 73 00-A	DECORATIVE METAL RAILING
05 73 00-B	1-1/4" I.D. COLOR ANODIZED ALUMINUM HANDRAIL
06 10 00-A	SHIM AS REQUIRED
06 10 00-B	2X WOOD BLOCKING
06 16 00-A	3/4" EXTERIOR GRADE PLYWOOD
06 16 00-B	5/8" EXTERIOR GRADE PLYWOOD
06 16 00-C	TWO LAYERS OF 3/4" EXTERIOR GRADE PLYWOOD
06 16 00-D	1/2" EXTERIOR GRADE PLYWOOD
06 16 00-E	5/8" EXTERIOR GYPSUM SHEATHING
06 40 00-A	1 1/2" WOOD TRIM
06 40 00-B	SOILD SURFACE WINDOW STOOL
06 40 00-G	1X HARDWOOD TRIM, STAINED
07 13 26-A	SELF-ADHEREING SHEET WATERPROOFING
07 13 26-B	RIGID INSULATION
07 13 26-C	MOLDED SHEET DRAINAGE PANEL
07 21 00-A	SLAB PERIMETER RIGID INSULATION (R-15 FOR 24")
07 21 00-J	PACK FULL WITH MINERAL WOOL INSULATION
07 21 00-K	3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8)
07 21 00-L	3" THERMALLY ISOLATED COMPOSITE Z-GIRT INSULATION SYSTEM
07 21 00-N	MINERAL WOOL BATT INSULATION
07 27 26-A	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE
07 27 26-B	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE, EXTEND AROUND BLOCK TO UNDER WINDOW / PARAPET
07 31 13-A	ASPHALT SHINGLE ROOF
07 42 13-A	PRE-FINISHED METAL WALL PANEL
07 42 13-B	METAL WALL PANEL
07 42 13-C	METAL WALL PANEL - SOFFIT
07 42 13-E	FLASHING WITH DRIP EDGE
07 42 13-F	EXTRUDED TRIM BY MFR
07 42 13-G	THROUGH WALL FLASHING WITH PERFORMED METAL DRIP EDGE
07 54 19-A	POLYVINYL-CHLORIDE (PVC) MEMBRANE ROOFING SYSTEM
07 54 19-B	1/2" COVER BOARD
07 54 19-C	TAPERED POLYISO INSULATION BOARD
07 54 19-D	2 LAYERS OF 2" POLYISO INSULATION BOARD (TOTAL R-VALUE = 22.8)
07 54 19-E	MEMBRANE ROOFING-EXTEND OVER & ATTACH TO FRONT FACE OF PARAPET
07 54 19-F	1 1/2" POLYISO INSULATION BOARD
07 54 19-G	TERMINATION BAR, SET IN WATER CUT OFF MASTIC.
07 62 00-C	FASCIA CLADDING
07 62 00-J	DRIP EDGE
07 62 00-M	PRE-FINISHED METAL GUTTER
07 62 00-N	PREFINISHED METAL DOWNSPOUT
07 71 00-A	MANUFACTURED COPING
07 71 00-B	MANUFACTURED GRAVEL STOP
07 71 00-C	MANUFACTURED FASCIA CLADDING
07 71 00-D	MANUFACTURED COUNTERFLASHING SYSTEM
07 71 00-E	MANUFACTURED GUTTER
07 71 00-F	MANUFACTURED DOWNSPOUT
07 71 00-H	MANUFACTURED DRIP EDGE
07 71 29-A	MANUFACTURED ROOF EXPANSION JOINT ASSEMBLY
07 71 29-B	MANUFACTURED ROOF TO WALL EXPANSION JOINT ASSEMBLY
07 84 13-A	PENETRATION FIRESTOPPING
07 92 00-A	SEALANT
07 92 00-B	SEALANT EACH SIDE, TYPICAL
07 95 13 13-A	INTERIOR EXPANSION JOINT COVER ASSEMBLY
07 95 13 16-A	EXTERIOR EXPANSION JOINT COVER ASSEMBLY
08 11 13-A	HOLLOW METAL DOOR/BORROWED LIGHT FRAME
08 11 13-B	HOLLOW METAL DOOR
08 14 16-A	FLUSH WOOD DOOR
08 33 13-A	OVERHEAD COILING COUNTER DOOR
08 33 13-B	OVERHEAD COILING COUNTER GRILLE
08 33 13-C	INSULATED COILING COUNTER DOOR
08 33 13-E	GUIDE
08 33 23-A	OVERHEAD COILING DOOR
08 33 23-J	BREAK METAL TO MATCH DOOR GUIDE FINISH
08 33 23-K	OVERHEAD COILING DOOR WITH INTEGRATED PASS DOOR
08 41 13-A	4 1/2" ALUMINUM-FRAMED STOREFRONT
08 41 13-B	WIDE STYLE ALUMINUM ENTRANCE DOOR
08 41 13-C	ALUMINUM BRAKE METAL TO MATCH STOREFRONT FRAME
08 44 13-A	7 1/2" DEEP ALUMINUM CURTAINWALL SYSTEM
08 44 13-C	CURTAINWALL ATTACHMENT MEMBER; ALLOW FOR THERMAL MOVEMENT
08 44 13-D	ALUMINUM BREAKMETAL TO MATCH CURTAINWALL FRAME
08 44 13-F	10" DEEP ALUMINUM CURTAINWALL SYSTEM
08 80 00-A	GLAZING - SEE SCHEDULE/ELEVATIONS
08 80 00-B	SPANDREL PANEL - SEE SCHEDULE/ELEVATIONS
08 91 19-A	FIXED LOUVER
09 22 16-D	7/8" FURRING CHANNEL
09 22 16-G	2 1/2" STEEL STUD
09 22 16-H	3 5/8" STEEL STUD
09 22 16-K	6" STEEL STUD
09 29 00-B	5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE)
09 29 00-D	SOUND ATTENUATION INSULATION
09 29 00-E	SUSPENDED GYPSUM BOARD CEILING ASSEMBLY
09 51 13-A	ACOUSTICAL CEILING SUSPENSION ASSEMBLY
09 51 13-C	SUSPENDED CEILING METAL EDGE TRIM
09 82 00-A	SOUND DIFFUSIVE WOOD UNITS
10 14 23-A	PANEL SIGNAGE
10 82 00-A	ROOF AND WALL SCREENS
12 24 13	
12 24 13-A	ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE
14 24 00-D	PIT LADDER
31 20 00-C	DRAINING GRANULAR FILL
32 13 16-A	SIDEWALK- SEE LANDSCAPE SHEETS
32 31 13-A	CHAIN-LINK FENCE- SEE LANDSCAPE SHEETS
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

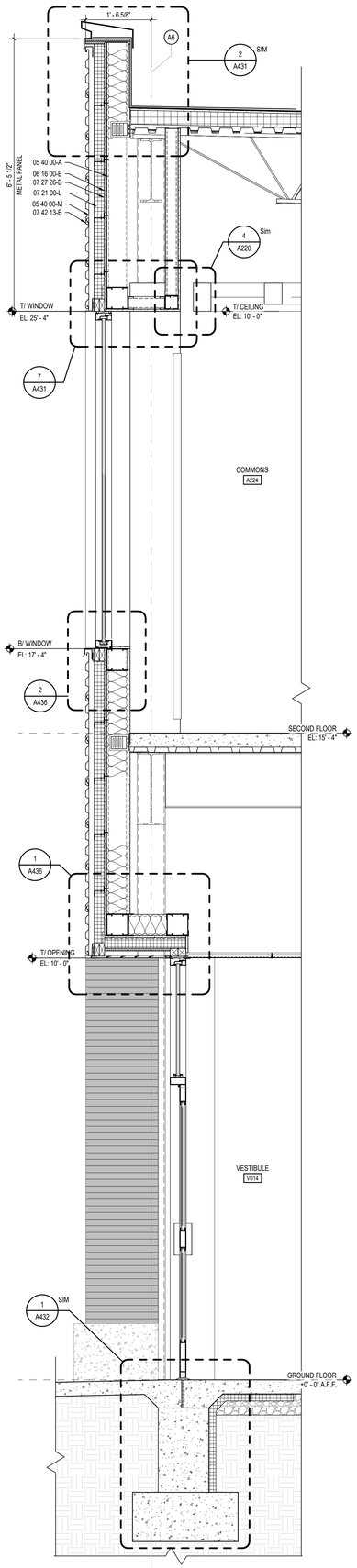
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
WALL SECTIONS

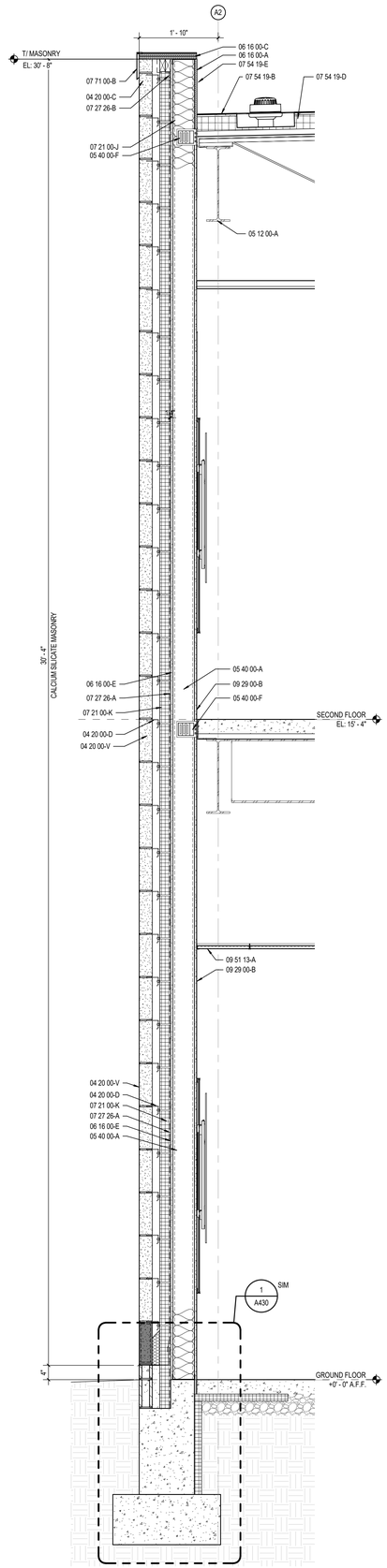
CERTIFIED BY:
BRENT C. HIRT
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A414

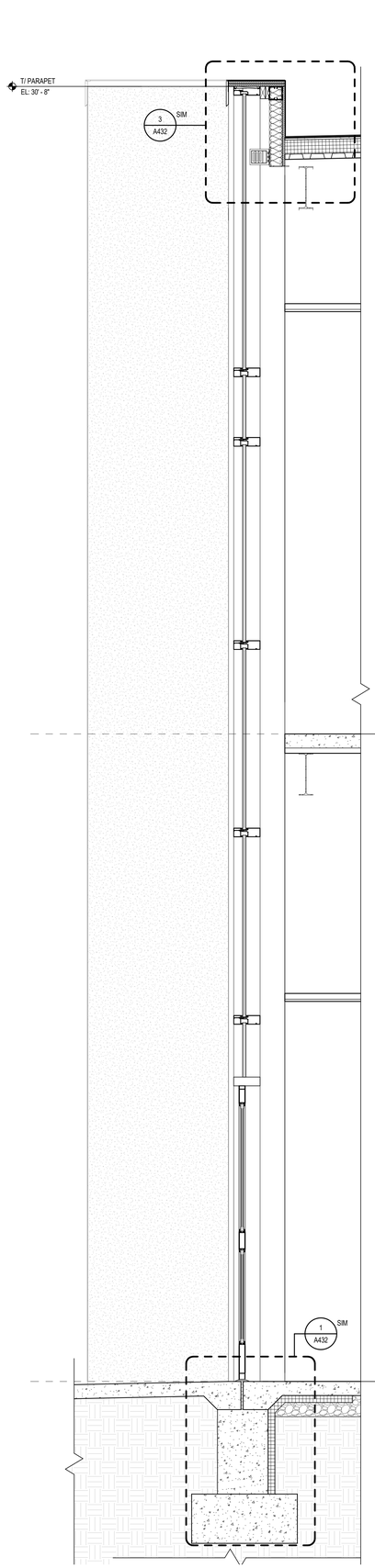
PROJECT NUMBER
2023061



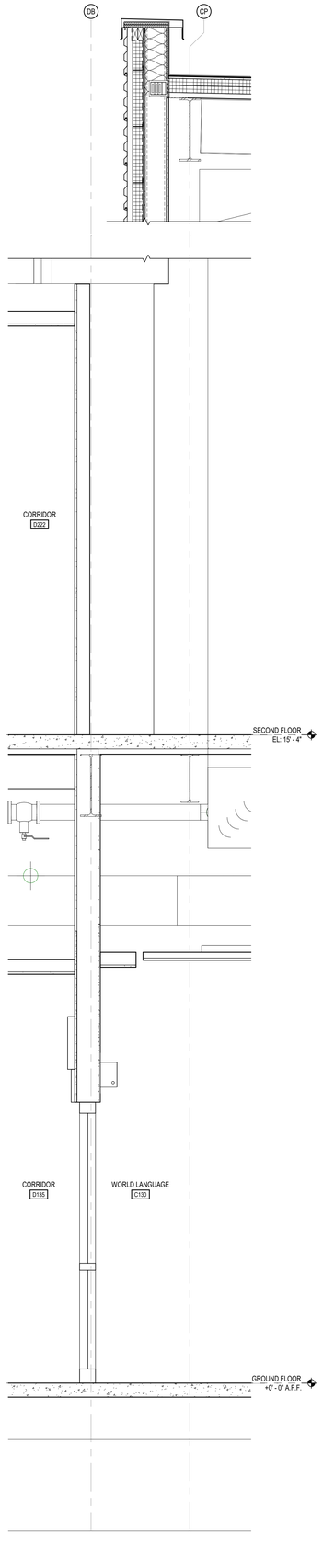
4 A415 WALL SECTION - UNIT A
SCALE: 3/4" = 1'-0"



3 A415 WALL SECTION - UNIT A
SCALE: 3/4" = 1'-0"



2 A415 WALL SECTION - UNIT A
SCALE: 3/4" = 1'-0"



1 A415 WALL SECTION
SCALE: 3/4" = 1'-0"

KEYNOTE LEGEND

03 30 00-A	WATERSTOP
03 30 00-B	CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL
03 30 00-C	CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL
03 30 00-D	CONCRETE FOUNDATION- SEE STRUCTURAL
03 30 00-E	CONCRETE FOOTING- SEE STRUCTURAL
03 30 00-F	1/2" EXPANSION MATERIAL
04 20 00-A	GROUT CORE SOLID
04 20 00-B	MASONRY TIE
04 20 00-C	CELL WEEP VENTS @ 16" O.C.
04 20 00-D	ADJUSTIBLE MASONRY VENEER ANCHOR AT 16" O.C. VERTICALLY
04 20 00-F	METAL FLASHING
04 20 00-G	THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE
04 20 00-H	CAVITY DRAINAGE MATERIAL
04 20 00-J	BRICK TYPE 1 (WIRE CUT)
04 20 00-K	BRICK TYPE 2 (SMOOTH FACE)
04 20 00-K.1	BRICK TYPE 2 (SOLDIER COURSE) - SEE SIZE ON DRAWING 10/A430
04 20 00-L	4" CONCRETE MASONRY UNIT
04 20 00-M	6" CONCRETE MASONRY UNIT
04 20 00-N	8" CONCRETE MASONRY UNIT
04 20 00-O	10" CONCRETE MASONRY UNIT
04 20 00-P	12" CONCRETE MASONRY UNIT
04 20 00-Q	BULLNOSE UNIT
04 20 00-R	BOND BEAM MASONRY UNIT
04 20 00-S	DECORATIVE CMU (GROUND FACE)
04 20 00-T	ACOUSTICAL BLOCK
04 20 00-U	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, SMOOTH)
04 20 00-V	CALCIUM SILICATE MASONRY UNIT (LARGE FORMAT, SMOOTH)
04 20 00-W	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, ROUGH)
04 20 00-X	4" GROUND FACE CONCRETE MASONRY UNIT
04 72 00-A	CAST STONE SILL - SEE SIZE ON DRAWING 10/A430
04 72 00-B	CAST STONE
05 12 00-A	STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL
05 12 00-B	STEEL ANGLE- SEE STRUCTURAL
05 12 00-C	STEEL BENT PLATE- SEE STRUCTURAL
05 12 00-D	STEEL BEAM- SEE STRUCTURAL
05 12 00-E	STEEL COLUMN - SEE STRUCTURAL
05 12 00-F	STEEL PLATE - SEE STRUCTURAL
05 21 00-A	STEEL JOIST- SEE STRUCTURAL
05 31 00-A	METAL ROOF DECKING- SEE STRUCTURAL
05 31 00-B	METAL FLOOR DECKING- SEE STRUCTURAL
05 40 00-A	6" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-B	2 1/2" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-C	3 5/8" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-D	6"x6" 10 GA. COLD FORMED STEEL ANGLE, CUT TO FIT. ATTACH JAMB TO HEAD
05 40 00-F	CLIP ANGLE
05 40 00-J	3" 16GA. GALVANIZED Z-BAR SUB GIRTS
05 40 00-L	7/8" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 40 00-M	1 1/2" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 50 00-A	MISCELLANEOUS STEEL - SEE STRUCTURAL
05 50 00-B	GALVANIZED STEEL BRICK LINTEL
05 50 00-E	PRE-MANUFACTURED ALUMINUM ACCESS LADDER
05 50 00-F	ELEVATOR HOIST BEAM- COORDINATE WITH ELEVATOR MANUFACTURER
05 51 00-A	MANUFACTURED STEEL FRAMED STAIR
05 51 00-B	CONCRETE FILLED METAL PAN TREAD AND RISER
05 51 00-C	STAIR METAL STRINGER- CHANNEL
05 51 00-D	STAIR METAL STRINGER - TUBE
05 52 13-E	1-1/4" I.D. PAINTED STEEL PIPE RAILING
05 52 13-F	1-1/4" I.D. PAINTED STEEL PIPE HANDRAIL
05 52 13-G	1-1/4" I.D. PAINTED GALVANIZED STEEL PIPE RAILING
05 52 13-U	1-1/2" O.D. GALVANIZED STEEL PIPE GUARDRAIL
05 73 00-A	DECORATIVE METAL RAILING
05 73 00-B	1-1/4" I.D. COLOR ANODIZED ALUMINUM HANDRAIL
06 10 00-A	SHIM AS REQUIRED
06 10 00-B	2X WOOD BLOCKING
06 16 00-A	3/4" EXTERIOR GRADE PLYWOOD
06 16 00-B	5/8" EXTERIOR GRADE PLYWOOD
06 16 00-C	TWO LAYERS OF 3/4" EXTERIOR GRADE PLYWOOD
06 16 00-D	1/2" EXTERIOR GRADE PLYWOOD
06 16 00-E	5/8" EXTERIOR GYPSUM SHEATHING
06 40 00-A	1 1/2" WOOD TRIM
06 40 00-B	SOILD SURFACE WINDOW STOOL
06 40 00-G	1X HARDWOOD TRIM, STAINED
07 13 26-A	SELF-ADHEREING SHEET WATERPROOFING
07 13 26-B	RIGID INSULATION
07 13 26-C	MOLDED SHEET DRAINAGE PANEL
07 21 00-A	SLAB PERIMETER RIGID INSULATION (R-15 FOR 24")
07 21 00-J	PACK FULL WITH MINERAL WOOL INSULATION
07 21 00-K	3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8)
07 21 00-L	3" THERMALLY ISOLATED COMPOSITE Z-GIRT INSULATION SYSTEM
07 21 00-N	MINERAL WOOL BATT INSULATION
07 27 26-A	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE
07 27 26-B	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE. EXTEND AROUND BLOCK TO UNDER WINDOW / PARAPET
07 31 13-A	ASPHALT SHINGLE ROOF
07 42 13-A	PRE-FINISHED METAL WALL PANEL
07 42 13-B	METAL WALL PANEL
07 42 13-C	METAL WALL PANEL - SOFFIT
07 42 13-E	FLASHING WITH DRIP EDGE
07 42 13-F	EXTRUDED TRIM BY MFR
07 42 13-G	THROUGH WALL FLASHING WITH PERFORMED METAL DRIP EDGE
07 54 19-A	POLYVINYL-CHLORIDE (PVC) MEMBRANE ROOFING SYSTEM
07 54 19-B	1/2" COVER BOARD
07 54 19-C	TAPERED POLYISO INSULATION BOARD
07 54 19-D	2 LAYERS OF 2" POLYISO INSULATION BOARD (TOTAL R-VALUE = 22.8)
07 54 19-E	MEMBRANE ROOFING-EXTEND OVER & ATTACH TO FRONT FACE OF PARAPET
07 54 19-F	1 1/2" POLYISO INSULATION BOARD
07 54 19-G	TERMINATION BAR, SET IN WATER CUT OFF MASTIC.
07 62 00-C	FASCIA CLADDING
07 62 00-J	DRIP EDGE
07 62 00-M	PRE-FINISHED METAL GUTTER
07 62 00-N	PREFINISHED METAL DOWNSPOUT
07 71 00-A	MANUFACTURED COPING
07 71 00-B	MANUFACTURED GRAVEL STOP
07 71 00-C	MANUFACTURED FASCIA CLADDING
07 71 00-D	MANUFACTURED COUNTERFLASHING SYSTEM
07 71 00-E	MANUFACTURED GUTTER
07 71 00-F	MANUFACTURED DOWNSPOUT
07 71 00-H	MANUFACTURED DRIP EDGE
07 71 29-A	MANUFACTURED ROOF EXPANSION JOINT ASSEMBLY
07 71 29-B	MANUFACTURED ROOF TO WALL EXPANSION JOINT ASSEMBLY
07 84 13-A	PENETRATION FIRESTOPPING
07 92 00-A	SEALANT
07 92 00-B	SEALANT EACH SIDE, TYPICAL
07 95 13.13-A	INTERIOR EXPANSION JOINT COVER ASSEMBLY
07 95 13.16-A	EXTERIOR EXPANSION JOINT COVER ASSEMBLY
08 11 13-A	HOLLOW METAL DOOR/BORROWED LIGHT FRAME
08 11 13-B	HOLLOW METAL DOOR
08 14 16-A	FLUSH WOOD DOOR
08 33 13-A	OVERHEAD COILING COUNTER DOOR
08 33 13-B	OVERHEAD COILING COUNTER GRILLE
08 33 13-C	INSULATED COILING COUNTER DOOR
08 33 13-E	GUIDE
08 33 23-A	OVERHEAD COILING DOOR
08 33 23-J	BREAK METAL TO MATCH DOOR GUIDE FINISH
08 33 23-K	OVERHEAD COILING DOOR WITH INTEGRATED PASS DOOR
08 41 13-A	4 1/2" ALUMINUM-FRAMED STOREFRONT
08 41 13-B	WIDE STYLE ALUMINUM ENTRANCE DOOR
08 41 13-C	ALUMINUM BRAKE METAL TO MATCH STOREFRONT FRAME
08 44 13-A	7 1/2" DEEP ALUMINUM CURTAINWALL SYSTEM
08 44 13-C	CURTAINWALL ATTACHMENT MEMBER, ALLOW FOR THERMAL MOVEMENT
08 44 13-D	ALUMINUM BREAKMETAL TO MATCH CURTAINWALL FRAME
08 44 13-F	10" DEEP ALUMINUM CURTAINWALL SYSTEM
08 80 00-A	GLAZING - SEE SCHEDULE/ELEVATIONS
08 80 00-B	SPANDREL PANEL - SEE SCHEDULE/ELEVATIONS
08 91 19-A	FIXED LOUVER
09 22 16-D	7/8" FURRING CHANNEL
09 22 16-G	2 1/2" STEEL STUD
09 22 16-H	3 5/8" STEEL STUD
09 22 16-K	6" STEEL STUD
09 29 00-B	5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE)
09 29 00-D	SOUND ATTENUATION INSULATION
09 29 00-E	SUSPENDED GYPSUM BOARD CEILING ASSEMBLY
09 51 13-A	ACOUSTICAL CEILING SUSPENSION ASSEMBLY
09 51 13-C	SUSPENDED CEILING METAL EDGE TRIM
09 82 00-A	SOUND DIFFUSIVE WOOD UNITS
10 14 23-A	PANEL SIGNAGE
10 82 00-A	ROOF AND WALL SCREENS
12 24 13	
12 24 13-A	ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE
14 24 00-D	PIT LADDER
31 20 00-C	DRAINING GRANULAR FILL
32 13 16-A	SIDEWALK- SEE LANDSCAPE SHEETS
32 31 13-A	CHAIN-LINK FENCE- SEE LANDSCAPE SHEETS
32 31 19-A	ORNAMENTAL FENCE- SEE LANDSCAPE SHEETS

CSO
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of demolition, new work, the relationship between the building, the major architectural elements, and the type of structural, mechanical and electrical systems.
The contract documents are complete and clear to describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

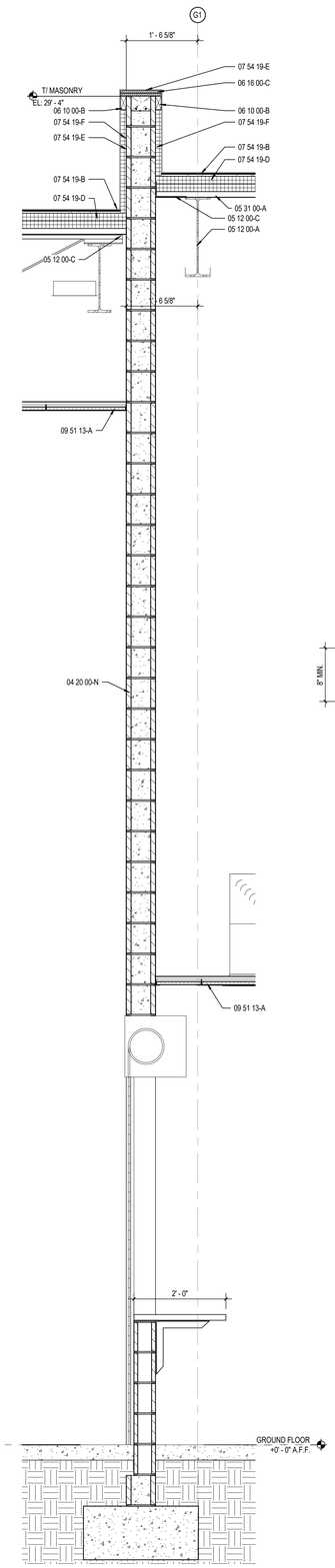
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
WALL SECTIONS

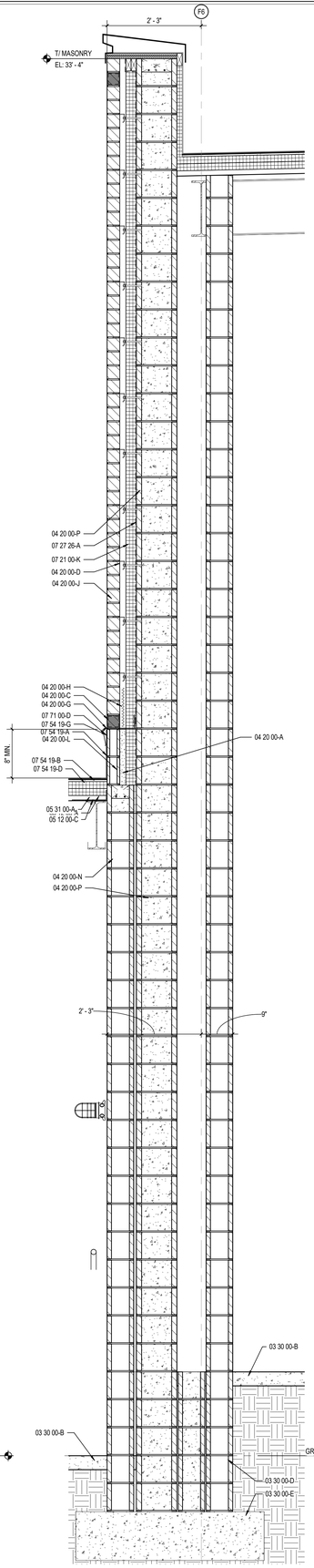
CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A415

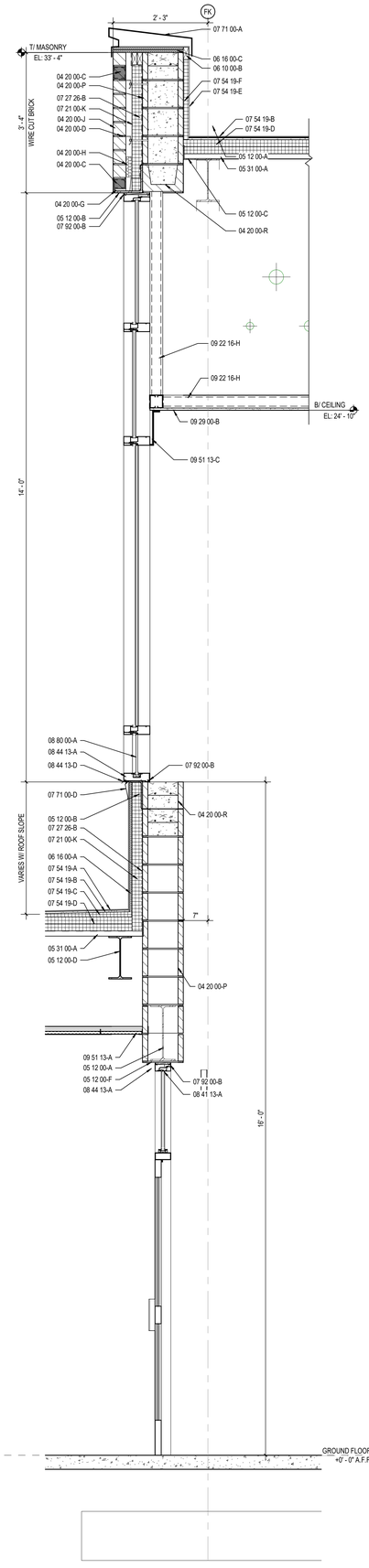
PROJECT NUMBER
2023061



4 A416 WALL SECTION
SCALE: 3/4" = 1'-0"



3 A416 WALL SECTION
SCALE: 3/4" = 1'-0"



2 A416 WALL SECTION
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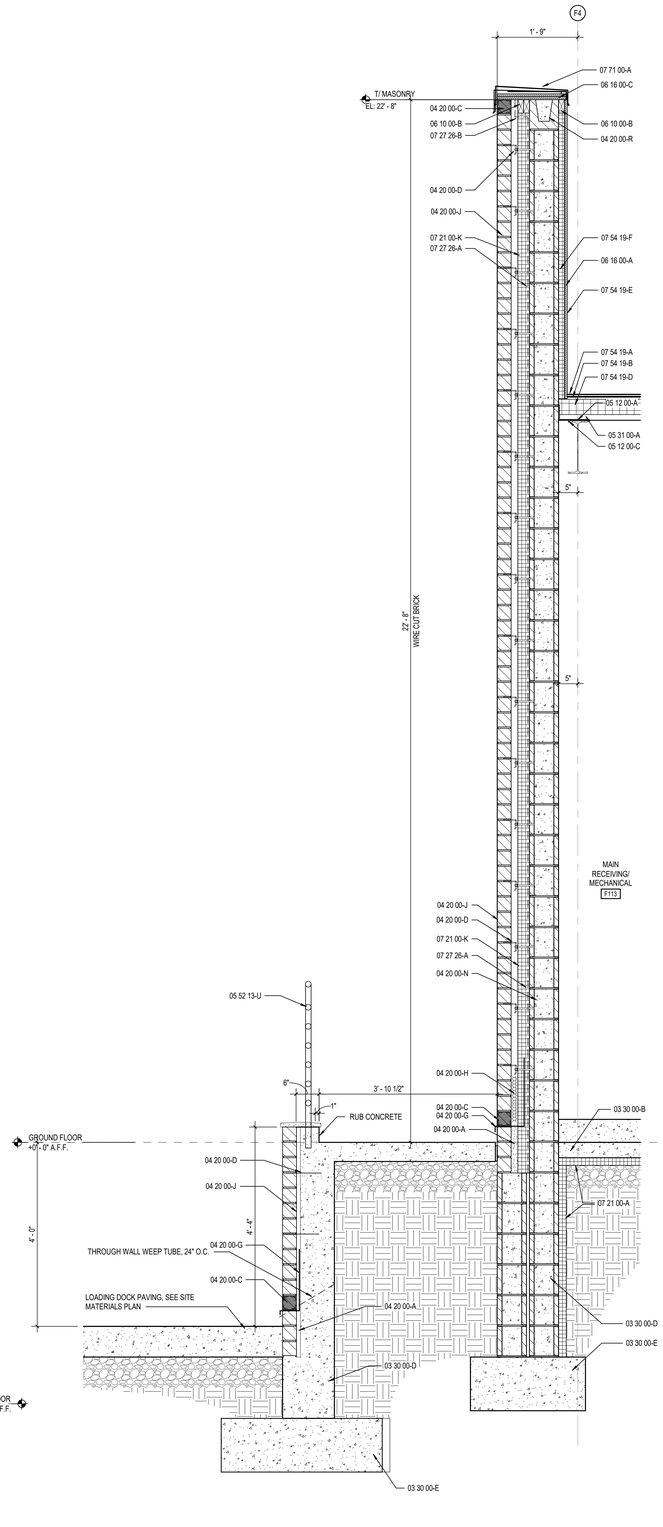

1 A416 WALL SECTION
SCALE: 3/4" = 1'-0"

KEYNOTE LEGEND

03 30 00-A	WATERSTOP
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04 20 00-O	10" CONCRETE MASONRY UNIT
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04 20 00-R	BOND BEAM MASONRY UNIT
04 20 00-S	DECORATIVE CMU (GROUND FACE)
04 20 00-T	ACOUSTICAL BLOCK
04 20 00-U	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, SMOOTH)
04 20 00-V	CALCIUM SILICATE MASONRY UNIT (LARGE FORMAT, SMOOTH)
04 20 00-W	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, ROUGH)
04 20 00-X	4" GROUND FACE CONCRETE MASONRY UNIT
04 72 00-A	CAST STONE SILL - SEE SIZE ON DRAWING 10/A430
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05 12 00-D	STEEL BEAM- SEE STRUCTURAL
05 12 00-E	STEEL COLUMN - SEE STRUCTURAL
05 12 00-F	STEEL PLATE - SEE STRUCTURAL
05 21 00-A	STEEL JOIST- SEE STRUCTURAL
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05 40 00-C	3 5/8" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-D	6"x6" 10 GA. COLD FORMED STEEL ANGLE, CUT TO FIT. ATTACH JAMB TO HEAD
05 40 00-F	CLIP ANGLE
05 40 00-J	3" 16GA. GALVANIZED Z-BAR SUB GIRTS
05 40 00-L	7/8" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 40 00-M	1 1/2" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 50 00-A	MISCELLANEOUS STEEL - SEE STRUCTURAL
05 50 00-B	GALVANIZED STEEL BRICK LINTEL
05 50 00-E	PRE-MANUFACTURED ALUMINUM ACCESS LADDER
05 50 00-F	ELEVATOR HOIST BEAM- COORDINATE WITH ELEVATOR MANUFACTURER
05 51 00-A	MANUFACTURED STEEL FRAMED STAIR
05 51 00-B	CONCRETE FILLED METAL PAN TREAD AND RISER
05 51 00-C	STAIR METAL STRINGER- CHANNEL
05 51 00-D	STAIR METAL STRINGER - TUBE
05 52 13-E	1-1/4" I.D. PAINTED STEEL PIPE RAILING
05 52 13-F	1-1/4" I.D. PAINTED STEEL PIPE HANDRAIL
05 52 13-G	1-1/4" I.D. PAINTED GALVANIZED STEEL PIPE RAILING
05 52 13-U	1-1/2" O.D. GALVANIZED STEEL PIPE GUARDRAIL
05 73 00-A	DECORATIVE METAL RAILING
05 73 00-B	1-1/4" I.D. COLOR ANODIZED ALUMINUM HANDRAIL
06 10 00-A	SHIM AS REQUIRED
06 10 00-B	2X WOOD BLOCKING
06 16 00-A	3/4" EXTERIOR GRADE PLYWOOD
06 16 00-B	5/8" EXTERIOR GRADE PLYWOOD
06 16 00-C	TWO LAYERS OF 3/4" EXTERIOR GRADE PLYWOOD
06 16 00-D	1/2" EXTERIOR GRADE PLYWOOD
06 16 00-E	5/8" EXTERIOR GYPSUM SHEATHING
06 40 00-A	1 1/2" WOOD TRIM
06 40 00-B	SOLID SURFACE WINDOW STOOL
06 40 00-G	1X HARDWOOD TRIM, STAINED
07 13 26-A	SELF-ADHEREING SHEET WATERPROOFING
07 13 26-B	RIGID INSULATION
07 13 26-C	MOLDED SHEET DRAINAGE PANEL
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07 21 00-K	3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8)
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07 21 00-N	MINERAL WOOL BATT INSULATION
07 27 26-A	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE
07 27 26-B	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE, EXTEND AROUND BLOCK TO UNDER WINDOW / PARAPET
07 31 13-A	ASPHALT SHINGLE ROOF
07 42 13-A	PRE-FINISHED METAL WALL PANEL
07 42 13-B	METAL WALL PANEL
07 42 13-C	METAL WALL PANEL - SOFFIT
07 42 13-E	FLASHING WITH DRIP EDGE
07 42 13-F	EXTRUDED TRIM BY MFR
07 42 13-G	THROUGH WALL FLASHING WITH PERFORMED METAL DRIP EDGE
07 54 19-A	POLYVINYL-CHLORIDE (PVC) MEMBRANE ROOFING SYSTEM
07 54 19-B	1/2" COVER BOARD
07 54 19-C	TAPERED POLYISO INSULATION BOARD
07 54 19-D	2 LAYERS OF 2" POLYISO INSULATION BOARD (TOTAL R-VALUE = 22.8)
07 54 19-E	MEMBRANE ROOFING-EXTEND OVER & ATTACH TO FRONT FACE OF PARAPET
07 54 19-F	1 1/2" POLYISO INSULATION BOARD
07 54 19-G	TERMINATION BAR, SET IN WATER CUT OFF MASTIC.
07 62 00-C	FASCIA CLADDING
07 62 00-J	DRIP EDGE
07 62 00-M	PRE-FINISHED METAL GUTTER
07 62 00-N	PREFINISHED METAL DOWNSPOUT
07 71 00-A	MANUFACTURED COPING
07 71 00-B	MANUFACTURED GRAVEL STOP
07 71 00-C	MANUFACTURED FASCIA CLADDING
07 71 00-D	MANUFACTURED COUNTERFLASHING SYSTEM
07 71 00-E	MANUFACTURED GUTTER
07 71 00-F	MANUFACTURED DOWNSPOUT
07 71 00-H	MANUFACTURED DRIP EDGE
07 71 29-A	MANUFACTURED ROOF EXPANSION JOINT ASSEMBLY
07 71 29-B	MANUFACTURED ROOF TO WALL EXPANSION JOINT ASSEMBLY
07 84 13-A	PENETRATION FIRESTOPPING
07 92 00-A	SEALANT
07 92 00-B	SEALANT EACH SIDE, TYPICAL
07 95 13.13-A	INTERIOR EXPANSION JOINT COVER ASSEMBLY
07 95 13.16-A	EXTERIOR EXPANSION JOINT COVER ASSEMBLY
08 11 13-A	HOLLOW METAL DOOR/BORROWED LIGHT FRAME
08 11 13-B	HOLLOW METAL DOOR
08 14 16-A	FLUSH WOOD DOOR
08 33 13-A	OVERHEAD COILING COUNTER DOOR
08 33 13-B	OVERHEAD COILING COUNTER GRILLE
08 33 13-C	INSULATED COILING COUNTER DOOR
08 33 13-E	GUIDE
08 33 23-A	OVERHEAD COILING DOOR
08 33 23-J	BREAK METAL TO MATCH DOOR GUIDE FINISH
08 33 23-K	OVERHEAD COILING DOOR WITH INTEGRATED PASS DOOR
08 41 13-A	4 1/2" ALUMINUM-FRAMED STOREFRONT
08 41 13-B	WIDE STYLE ALUMINUM ENTRANCE DOOR
08 41 13-C	ALUMINUM BRAKE METAL TO MATCH STOREFRONT FRAME
08 44 13-A	7 1/2" DEEP ALUMINUM CURTAINWALL SYSTEM
08 44 13-C	CURTAINWALL ATTACHMENT MEMBER. ALLOW FOR THERMAL MOVEMENT
08 44 13-D	ALUMINUM BREAKMETAL TO MATCH CURTAINWALL FRAME
08 44 13-F	10" DEEP ALUMINUM CURTAINWALL SYSTEM
08 80 00-A	GLAZING - SEE SCHEDULE/ELEVATIONS
08 80 00-B	SPANDREL PANEL - SEE SCHEDULE/ELEVATIONS
08 91 19-A	FIXED LOUVER
09 22 16-D	7/8" FURRING CHANNEL
09 22 16-G	2 1/2" STEEL STUD
09 22 16-H	3 5/8" STEEL STUD
09 22 16-K	6" STEEL STUD
09 29 00-B	5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE)
09 29 00-D	SOUND ATTENUATION INSULATION
09 29 00-E	SUSPENDED GYPSUM BOARD CEILING ASSEMBLY
09 51 13-A	ACOUSTICAL CEILING SUSPENSION ASSEMBLY
09 51 13-C	SUSPENDED CEILING METAL EDGE TRIM
09 82 00-A	SOUND DIFFUSIVE WOOD UNITS
10 14 23-A	PANEL SIGNAGE
10 82 00-A	ROOF AND WALL SCREENS
12 24 13	
12 24 13-A	ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE
14 24 00-D	PIT LADDER
31 20 00-C	DRAINING GRANULAR FILL
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

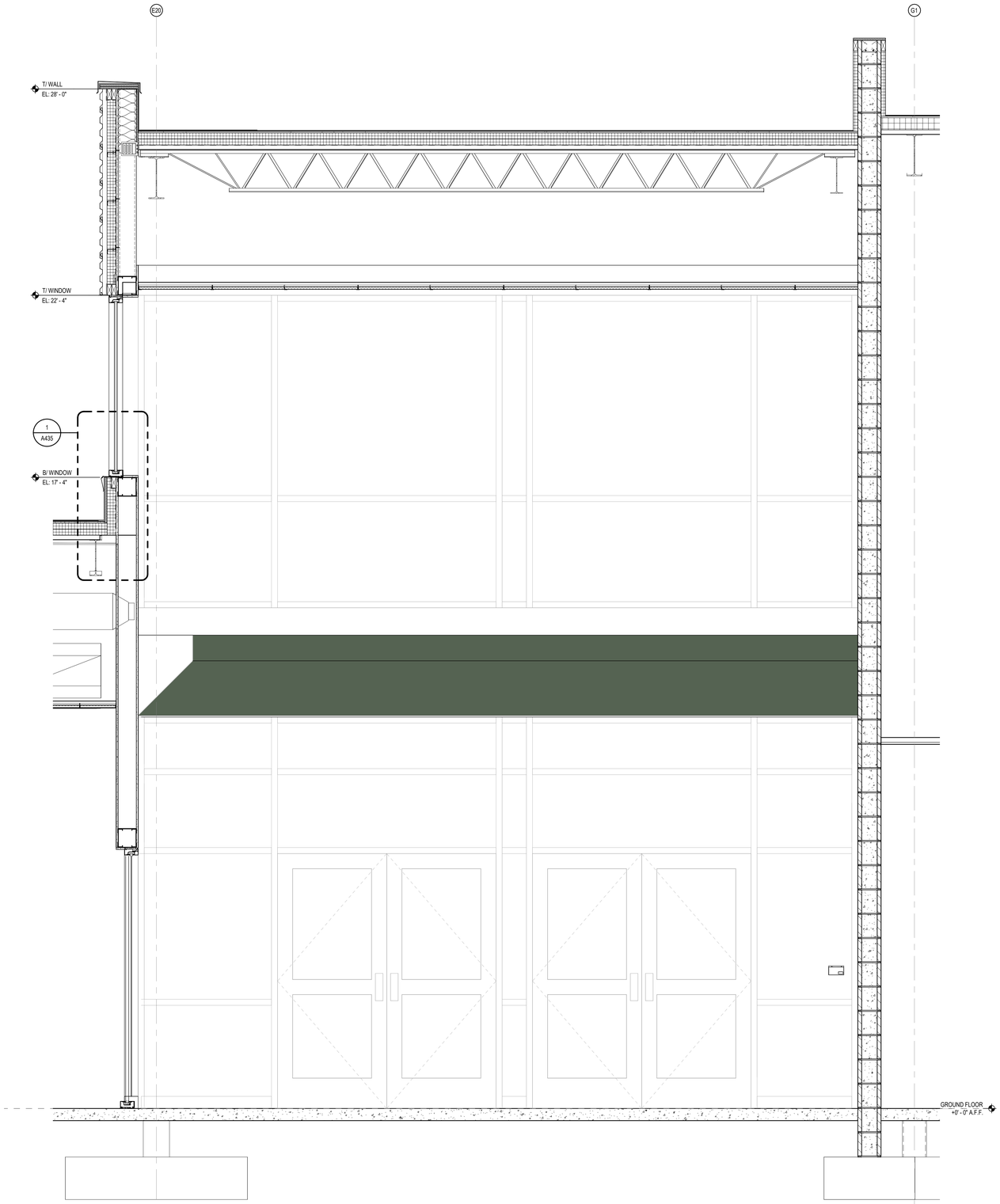
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
WALL SECTIONS

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A416

PROJECT NUMBER
2023061



1 A417 WALL SECTION
SCALE: 3/4" = 1'-0"

KEYNOTE LEGEND

03 30 00-A	WATERSTOP
03 30 00-B	CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL
03 30 00-C	CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL
03 30 00-D	CONCRETE FOUNDATION- SEE STRUCTURAL
03 30 00-E	CONCRETE FOOTING- SEE STRUCTURAL
03 30 00-F	1/2" EXPANSION MATERIAL
04 20 00-A	GROUT CORE SOLID
04 20 00-B	MASONRY TIE
04 20 00-C	CELL WEEP VENTS @ 16" O.C.
04 20 00-D	ADJUSTIBLE MASONRY VENEER ANCHOR AT 16" O.C. VERTICALLY
04 20 00-F	METAL FLASHING
04 20 00-G	THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE
04 20 00-H	CAVITY DRAINAGE MATERIAL
04 20 00-J	BRICK TYPE 1 (WIRE CUT)
04 20 00-K	BRICK TYPE 2 (SMOOTH FACE)
04 20 00-K.1	BRICK TYPE 2 (SOLDIER COURSE) - SEE SIZE ON DRAWING 10/A430
04 20 00-L	4" CONCRETE MASONRY UNIT
04 20 00-M	6" CONCRETE MASONRY UNIT
04 20 00-N	8" CONCRETE MASONRY UNIT
04 20 00-O	10" CONCRETE MASONRY UNIT
04 20 00-P	12" CONCRETE MASONRY UNIT
04 20 00-Q	BULLNOSE UNIT
04 20 00-R	BOND BEAM MASONRY UNIT
04 20 00-S	DECORATIVE CMU (GROUND FACE)
04 20 00-T	ACOUSTICAL BLOCK
04 20 00-U	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, SMOOTH)
04 20 00-V	CALCIUM SILICATE MASONRY UNIT (LARGE FORMAT, SMOOTH)
04 20 00-W	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, ROUGH)
04 20 00-X	4" GROUND FACE CONCRETE MASONRY UNIT
04 72 00-A	CAST STONE SILL - SEE SIZE ON DRAWING 10/A430
04 72 00-B	CAST STONE
05 12 00-A	STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL
05 12 00-B	STEEL ANGLE- SEE STRUCTURAL
05 12 00-C	STEEL BENT PLATE- SEE STRUCTURAL
05 12 00-D	STEEL BEAM- SEE STRUCTURAL
05 12 00-E	STEEL COLUMN - SEE STRUCTURAL
05 12 00-F	STEEL PLATE - SEE STRUCTURAL
05 21 00-A	STEEL JOIST- SEE STRUCTURAL
05 31 00-A	METAL ROOF DECKING- SEE STRUCTURAL
05 31 00-B	METAL FLOOR DECKING- SEE STRUCTURAL
05 40 00-A	6" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-B	2 1/2" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-C	3 5/8" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-D	6"x6" 10 GA. COLD FORMED STEEL ANGLE, CUT TO FIT. ATTACH JAMB TO HEAD
05 40 00-F	CLIP ANGLE
05 40 00-J	3" 16GA. GALVANIZED Z-BAR SUB GIRTS
05 40 00-L	7/8" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 40 00-M	1 1/2" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 50 00-A	MISCELLANEOUS STEEL - SEE STRUCTURAL
05 50 00-B	GALVANIZED STEEL BRICK LINTEL
05 50 00-E	PRE-MANUFACTURED ALUMINUM ACCESS LADDER
05 50 00-F	ELEVATOR HOIST BEAM- COORDINATE WITH ELEVATOR MANUFACTURER
05 51 00-A	MANUFACTURED STEEL FRAMED STAIR
05 51 00-B	CONCRETE FILLED METAL PAN TREAD AND RISER
05 51 00-C	STAIR METAL STRINGER- CHANNEL
05 51 00-D	STAIR METAL STRINGER - TUBE
05 52 13-E	1-1/4" I.D. PAINTED STEEL PIPE RAILING
05 52 13-F	1-1/4" I.D. PAINTED STEEL PIPE HANDRAIL
05 52 13-G	1-1/4" I.D. PAINTED GALVANIZED STEEL PIPE RAILING
05 52 13-U	1-1/2" O.D. GALVANIZED STEEL PIPE GUARDRAIL
05 73 00-A	DECORATIVE METAL RAILING
05 73 00-B	1-1/4" I.D. COLOR ANODIZED ALUMINUM HANDRAIL
06 10 00-A	SHIM AS REQUIRED
06 10 00-B	2X WOOD BLOCKING
06 16 00-A	3/4" EXTERIOR GRADE PLYWOOD
06 16 00-B	5/8" EXTERIOR GRADE PLYWOOD
06 16 00-C	TWO LAYERS OF 3/4" EXTERIOR GRADE PLYWOOD
06 16 00-D	1/2" EXTERIOR GRADE PLYWOOD
06 16 00-E	5/8" EXTERIOR GYPSUM SHEATHING
06 40 00-A	1 1/2" WOOD TRIM
06 40 00-B	SOLID SURFACE WINDOW STOOL
06 40 00-G	1X HARDWOOD TRIM, STAINED
07 13 26-A	SELF-ADHEREING SHEET WATERPROOFING
07 13 26-B	RIGID INSULATION
07 13 26-C	MOLDED SHEET DRAINAGE PANEL
07 21 00-A	SLAB PERIMETER RIGID INSULATION (R-15 FOR 24")
07 21 00-J	PACK FULL WITH MINERAL WOOL INSULATION
07 21 00-K	3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8)
07 21 00-L	3" THERMALLY ISOLATED COMPOSITE Z-GIRT INSULATION SYSTEM
07 21 00-N	MINERAL WOOL BATT INSULATION
07 27 26-A	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE
07 27 26-B	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE, EXTEND AROUND BLOCK TO UNDER WINDOW / PARAPET
07 31 13-A	ASPHALT SHINGLE ROOF
07 42 13-A	PRE-FINISHED METAL WALL PANEL
07 42 13-B	METAL WALL PANEL
07 42 13-C	METAL WALL PANEL - SOFFIT
07 42 13-E	FLASHING WITH DRIP EDGE
07 42 13-F	EXTRUDED TRIM BY MFR
07 42 13-G	THROUGH WALL FLASHING WITH PERFORMED METAL DRIP EDGE
07 54 19-A	POLYVINYL-CHLORIDE (PVC) MEMBRANE ROOFING SYSTEM
07 54 19-B	1/2" COVER BOARD
07 54 19-C	TAPERED POLYISO INSULATION BOARD
07 54 19-D	2 LAYERS OF 2" POLYISO INSULATION BOARD (TOTAL R-VALUE = 22.8)
07 54 19-E	MEMBRANE ROOFING-EXTEND OVER & ATTACH TO FRONT FACE OF PARAPET
07 54 19-F	1 1/2" POLYISO INSULATION BOARD
07 54 19-G	TERMINATION BAR, SET IN WATER CUT OFF MASTIC.
07 62 00-C	FASCIA CLADDING
07 62 00-J	DRIP EDGE
07 62 00-M	PRE-FINISHED METAL GUTTER
07 62 00-N	PREFINISHED METAL DOWNSPOUT
07 71 00-A	MANUFACTURED COPING
07 71 00-B	MANUFACTURED GRAVEL STOP
07 71 00-C	MANUFACTURED FASCIA CLADDING
07 71 00-D	MANUFACTURED COUNTERFLASHING SYSTEM
07 71 00-E	MANUFACTURED GUTTER
07 71 00-F	MANUFACTURED DOWNSPOUT
07 71 00-H	MANUFACTURED DRIP EDGE
07 71 29-A	MANUFACTURED ROOF EXPANSION JOINT ASSEMBLY
07 71 29-B	MANUFACTURED ROOF TO WALL EXPANSION JOINT ASSEMBLY
07 84 13-A	FENETRATION FIRESTOPPING
07 92 00-A	SEALANT
07 92 00-B	SEALANT EACH SIDE, TYPICAL
07 95 13.13-A	INTERIOR EXPANSION JOINT COVER ASSEMBLY
07 95 13.16-A	EXTERIOR EXPANSION JOINT COVER ASSEMBLY
08 11 13-A	HOLLOW METAL DOOR/BORROWED LIGHT FRAME
08 11 13-B	HOLLOW METAL DOOR
08 14 16-A	FLUSH WOOD DOOR
08 33 13-A	OVERHEAD COILING COUNTER DOOR
08 33 13-B	OVERHEAD COILING COUNTER GRILLE
08 33 13-C	INSULATED COILING COUNTER DOOR
08 33 13-E	GUIDE
08 33 23-A	OVERHEAD COILING DOOR
08 33 23-J	BREAK METAL TO MATCH DOOR GUIDE FINISH
08 33 23-K	OVERHEAD COILING DOOR WITH INTEGRATED PASS DOOR
08 41 13-A	4 1/2" ALUMINUM-FRAMED STOREFRONT
08 41 13-B	WIDE STYLE ALUMINUM ENTRANCE DOOR
08 41 13-C	ALUMINUM BRAKE METAL TO MATCH STOREFRONT FRAME
08 44 13-A	7 1/2" DEEP ALUMINUM CURTAINWALL SYSTEM
08 44 13-C	CURTAINWALL ATTACHMENT MEMBER, ALLOW FOR THERMAL MOVEMENT
08 44 13-D	ALUMINUM BREAKMETAL TO MATCH CURTAINWALL FRAME
08 44 13-F	10" DEEP ALUMINUM CURTAINWALL SYSTEM
08 80 00-A	GLAZING - SEE SCHEDULE/ELEVATIONS
08 80 00-B	SPANDREL PANEL - SEE SCHEDULE/ELEVATIONS
08 91 19-A	FIXED LOUVER
09 22 16-D	7/8" FURRING CHANNEL
09 22 16-G	2 1/2" STEEL STUD
09 22 16-H	3 5/8" STEEL STUD
09 22 16-K	6" STEEL STUD
09 29 00-B	5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE)
09 29 00-D	SOUND ATTENUATION INSULATION
09 29 00-E	SUSPENDED GYPSUM BOARD CEILING ASSEMBLY
09 51 13-A	ACOUSTICAL CEILING SUSPENSION ASSEMBLY
09 51 13-C	SUSPENDED CEILING METAL EDGE TRIM
09 82 00-A	SOUND DIFFUSIVE WOOD UNITS
10 14 23-A	PANEL SIGNAGE
10 62 00-A	ROOF AND WALL SCREENS
12 24 13	
12 24 13-A	ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE
14 24 00-D	PIT LADDER
31 20 00-C	DRAINING GRANULAR FILL
32 13 16-A	SIDEWALK- SEE LANDSCAPE SHEETS
32 31 13-A	CHAIN-LINK FENCE- SEE LANDSCAPE SHEETS
32 31 19-A	ORNAMENTAL FENCE- SEE LANDSCAPE SHEETS

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. The drawings and specifications are intended to describe all work required for full performance and completion of the requirements of the Contract.
Any item not specifically scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

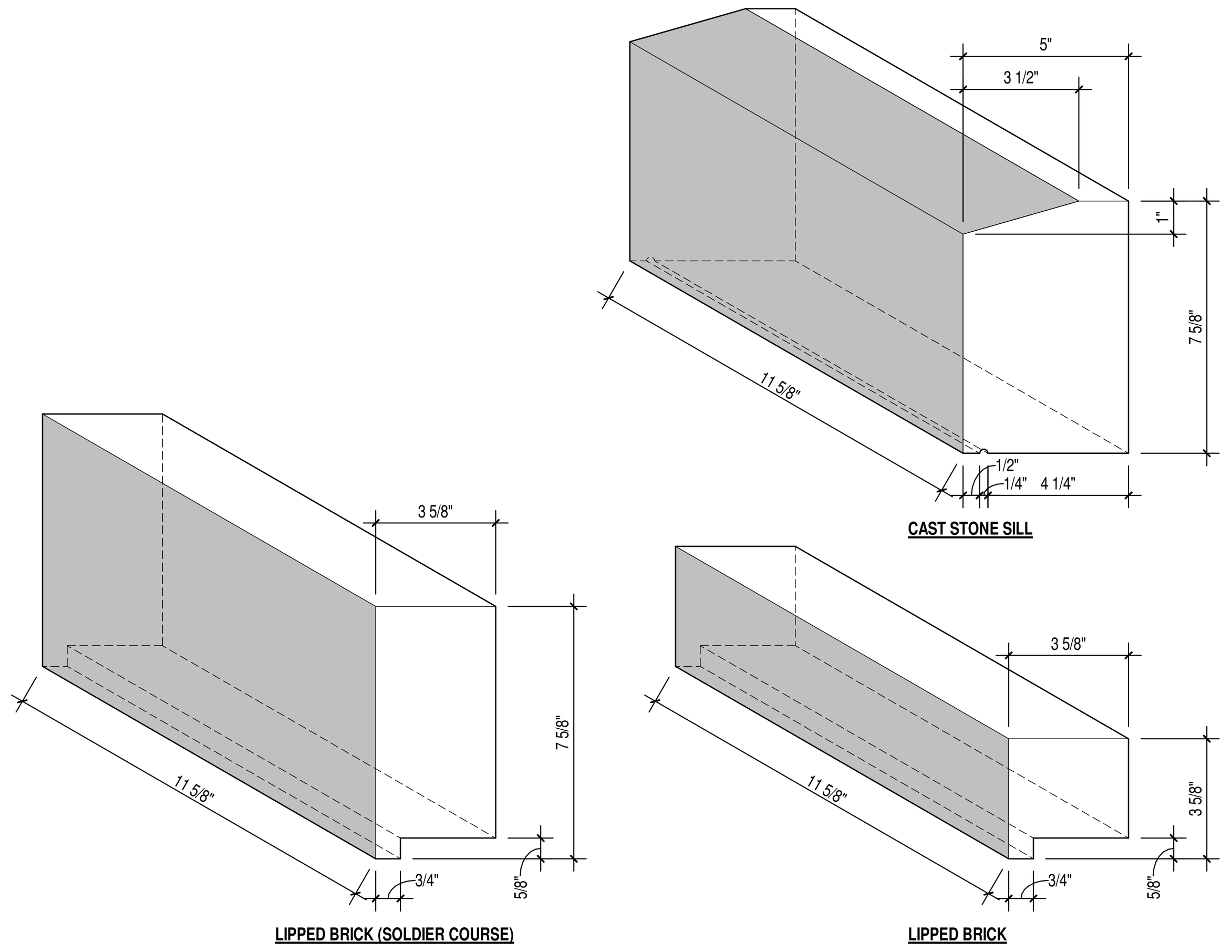
ISSUE DATE	DRAWN BY	CHECKED BY
08/02/24	Author	Checker

DRAWING TITLE:
WALL SECTIONS

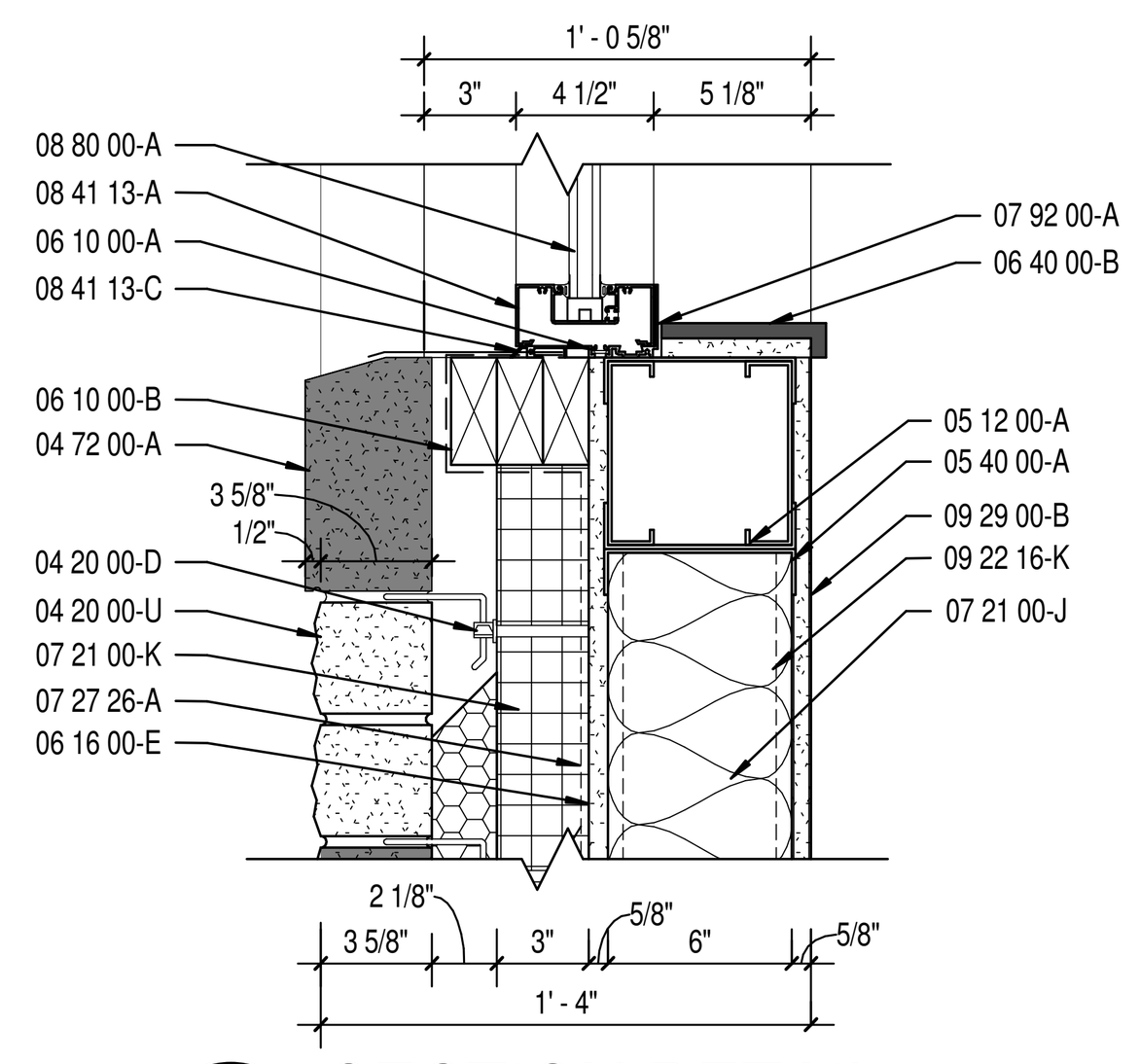
CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A417

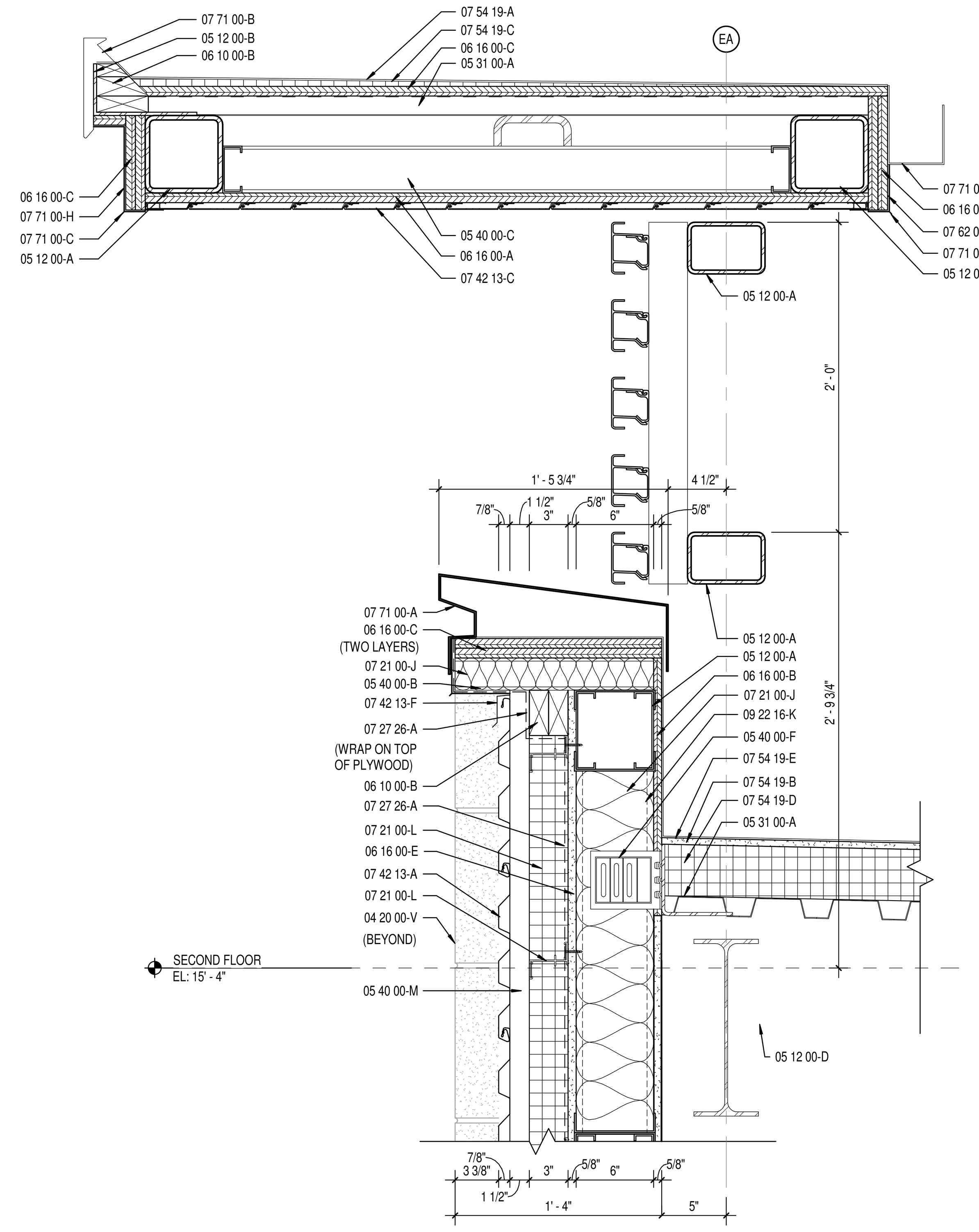
PROJECT NUMBER
2023061



10 / A430 **SPECIAL SHAPES**
SCALE: 3" = 1'-0"



9 / A430 **SECTION DETAIL**
SCALE: 1 1/2" = 1'-0"



6 / A430 **SECTION DETAIL**
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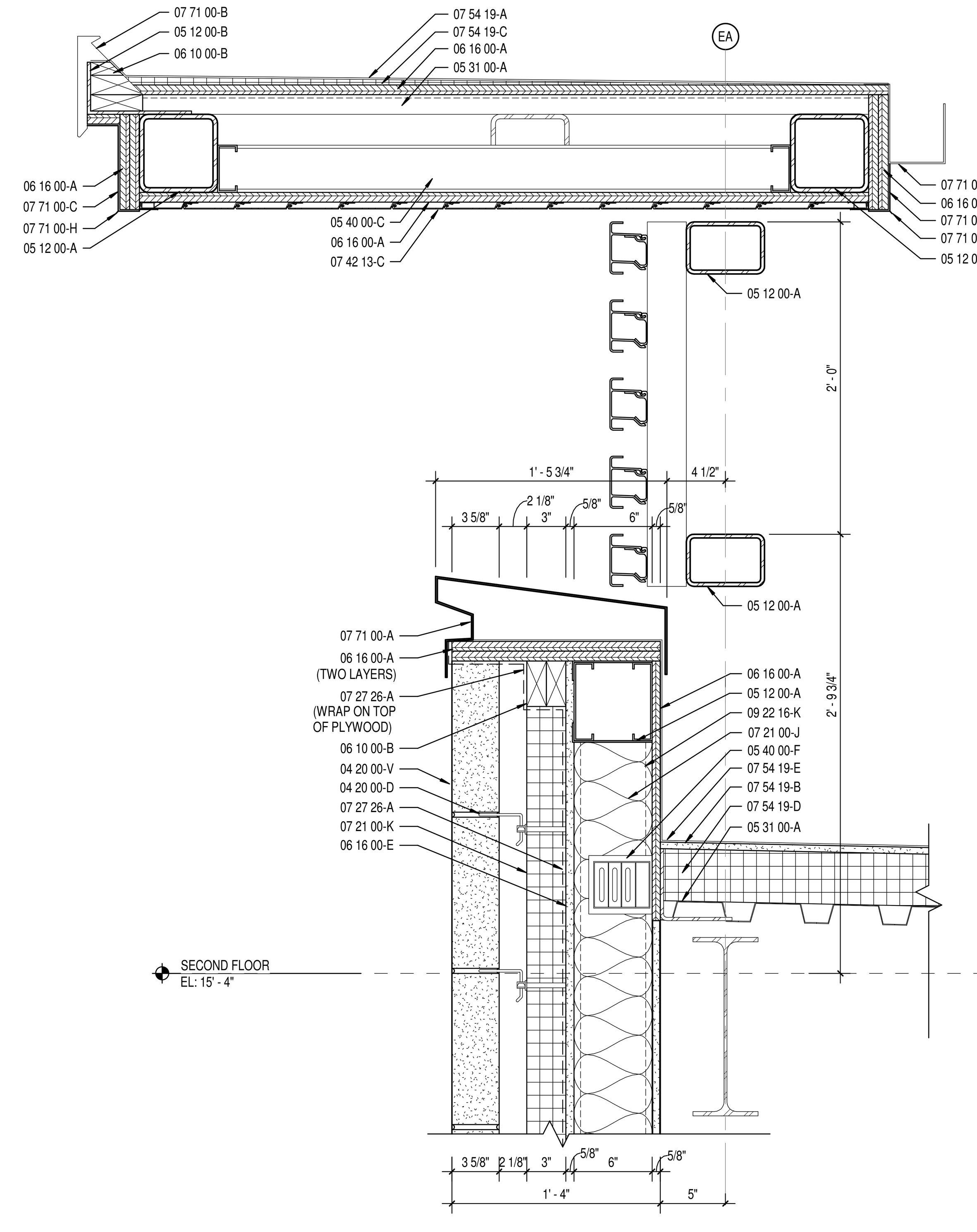
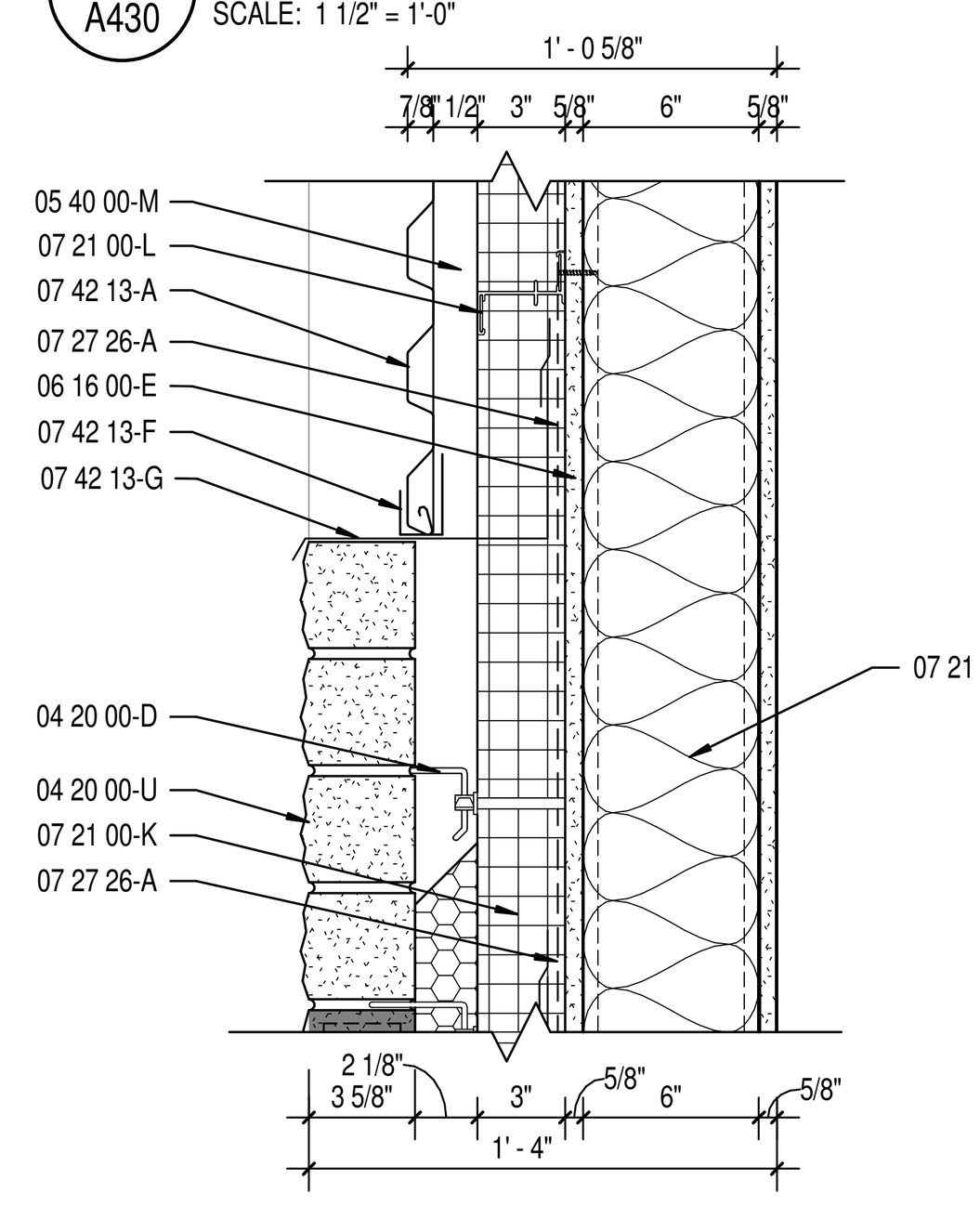
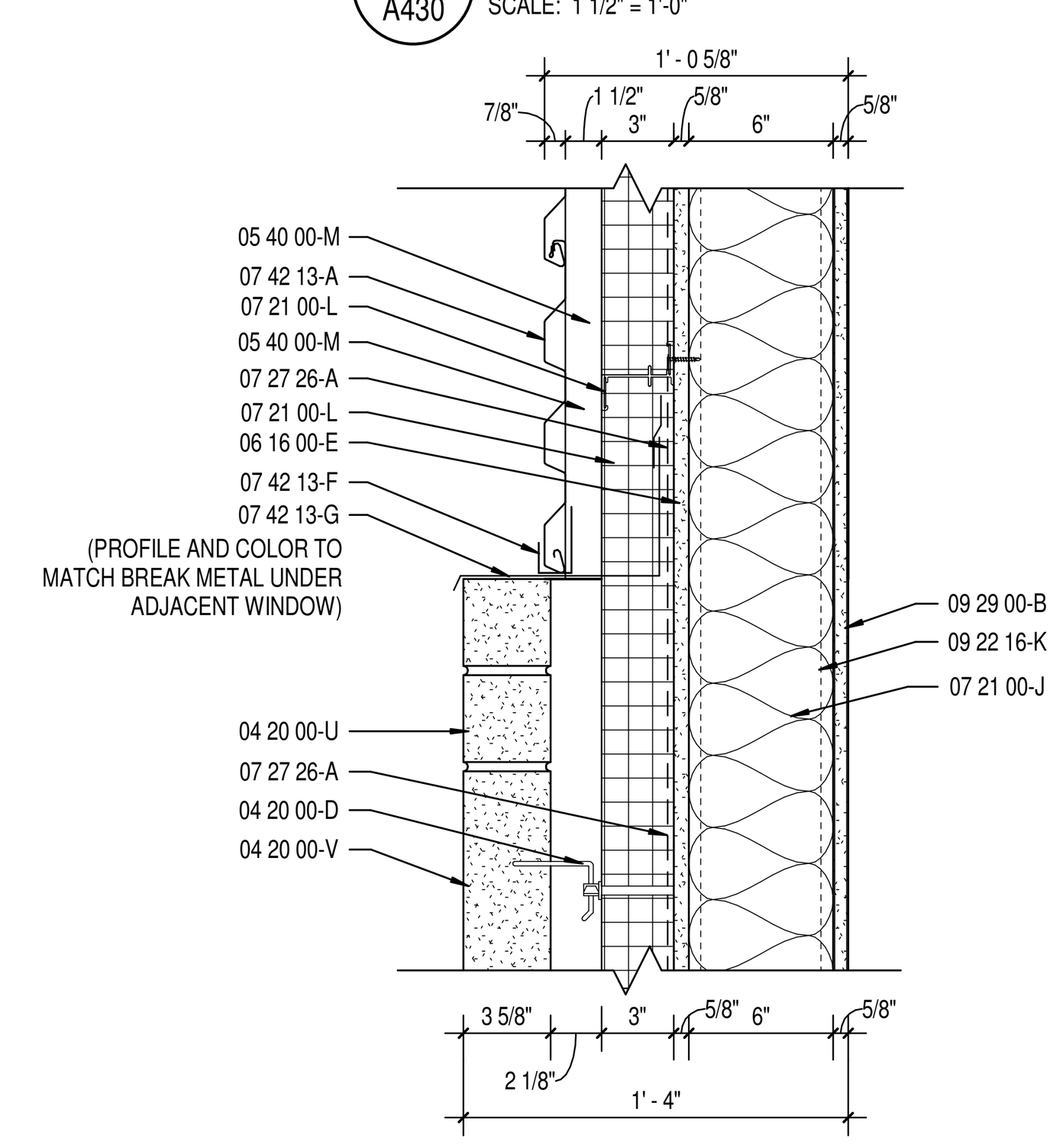


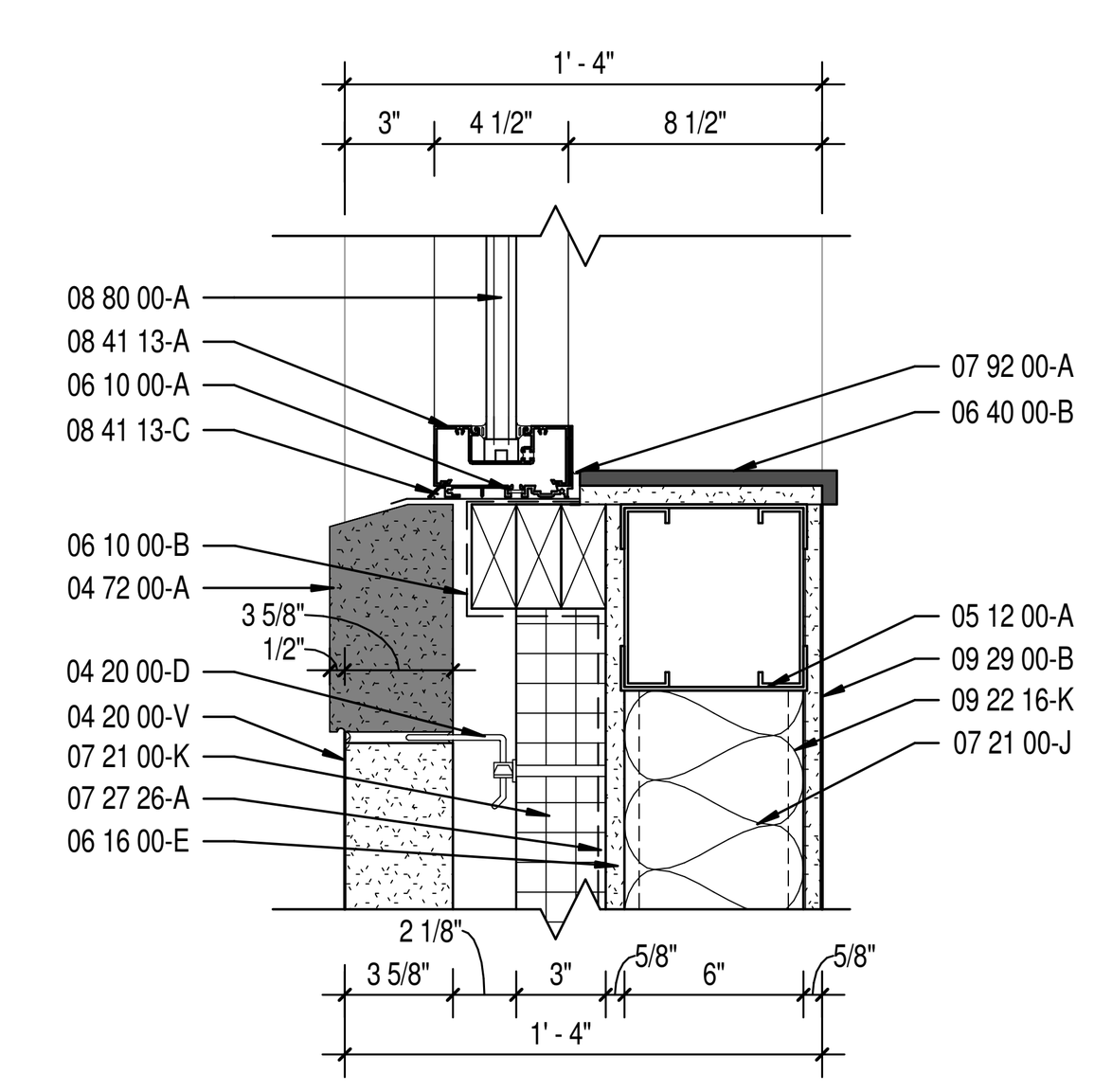
3 / A430 **SECTION DETAIL**
SCALE: 1 1/2" = 1'-0"



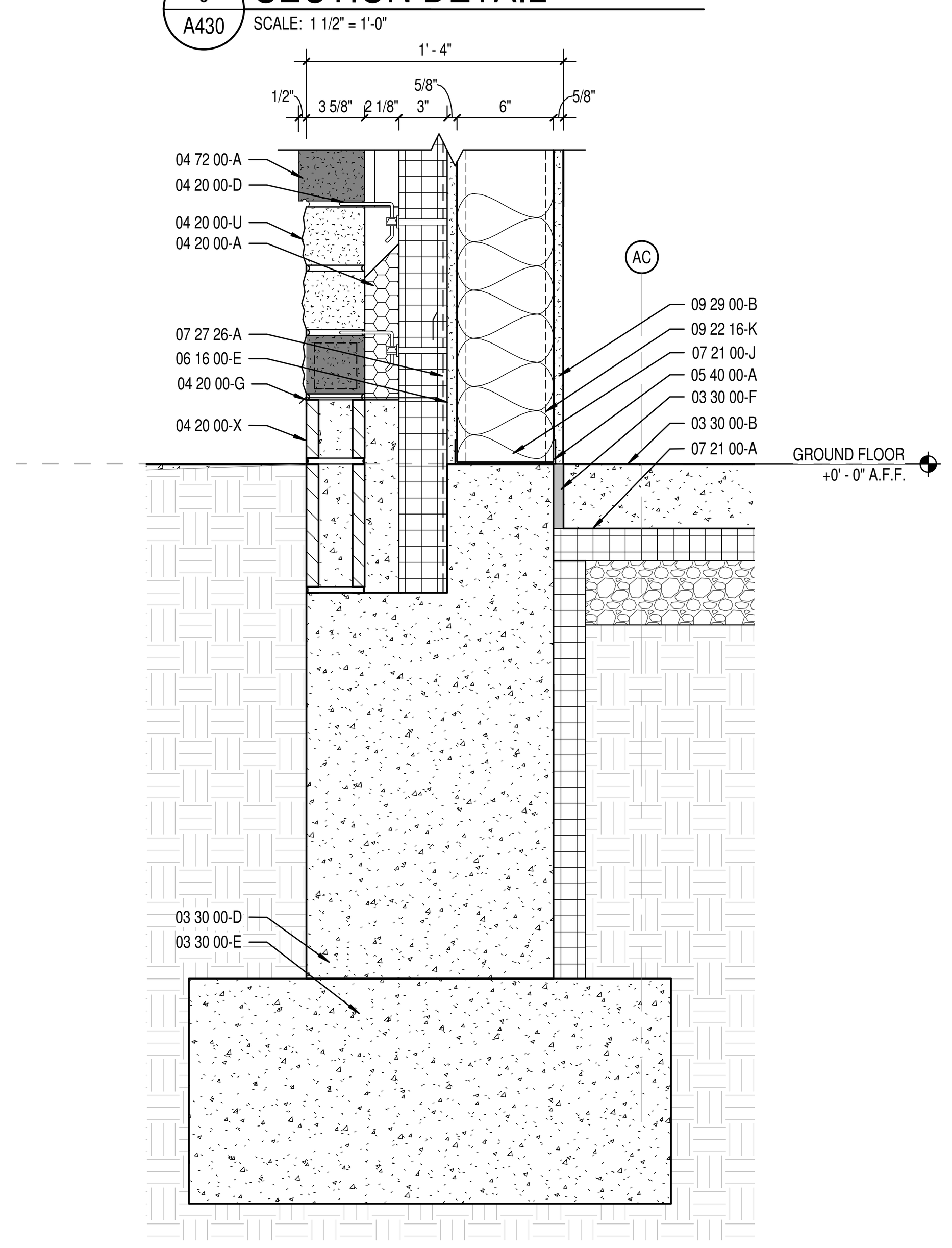
8 / A430 **SECTION DETAIL**
SCALE: 1 1/2" = 1'-0"



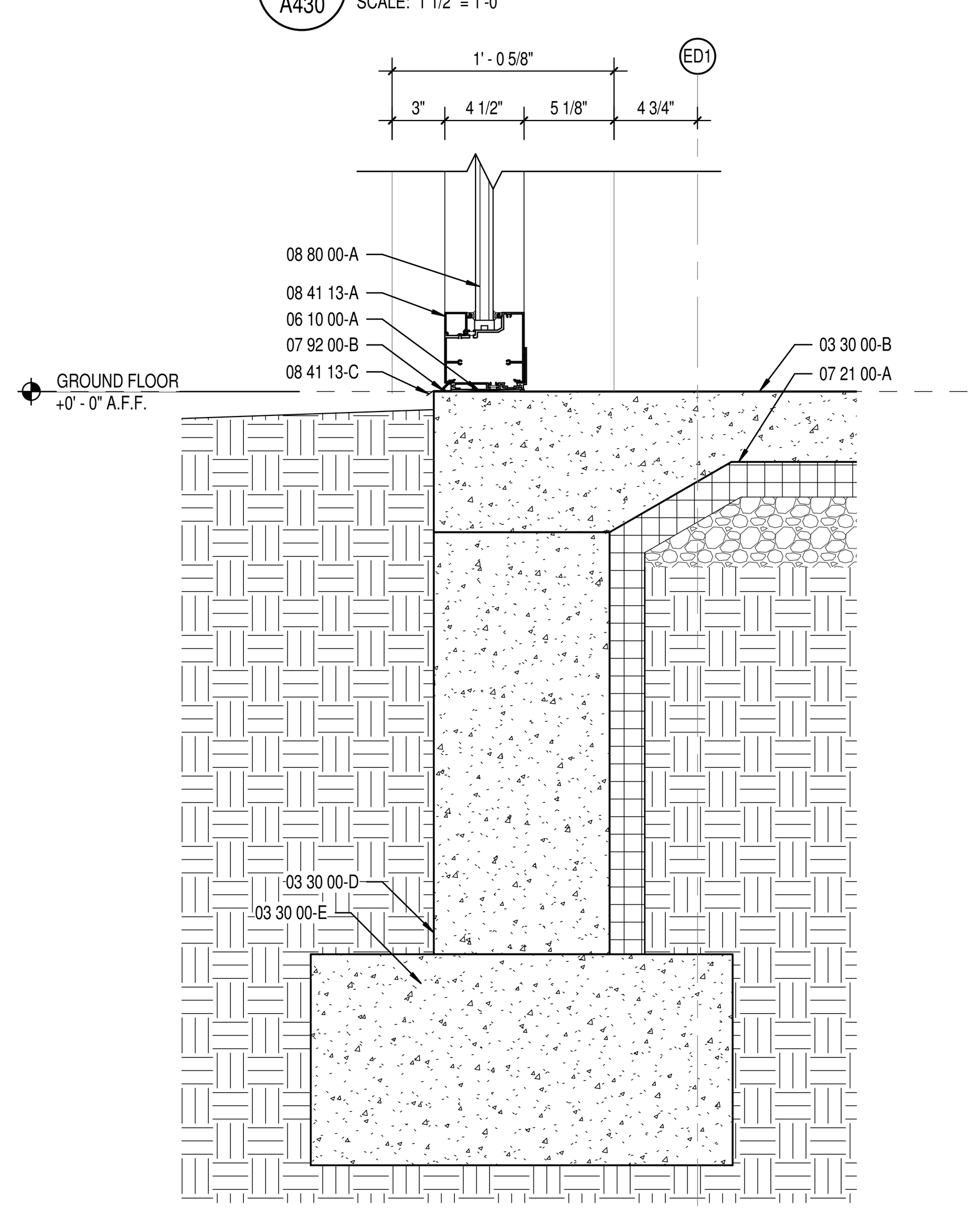
5 / A430 **SECTION DETAIL**
SCALE: 1 1/2" = 1'-0"



2 / A430 **SECTION DETAIL**
SCALE: 1 1/2" = 1'-0"



7 / A430 **SECTION DETAIL**
SCALE: 1 1/2" = 1'-0"



4 / A430 **SECTION DETAIL**
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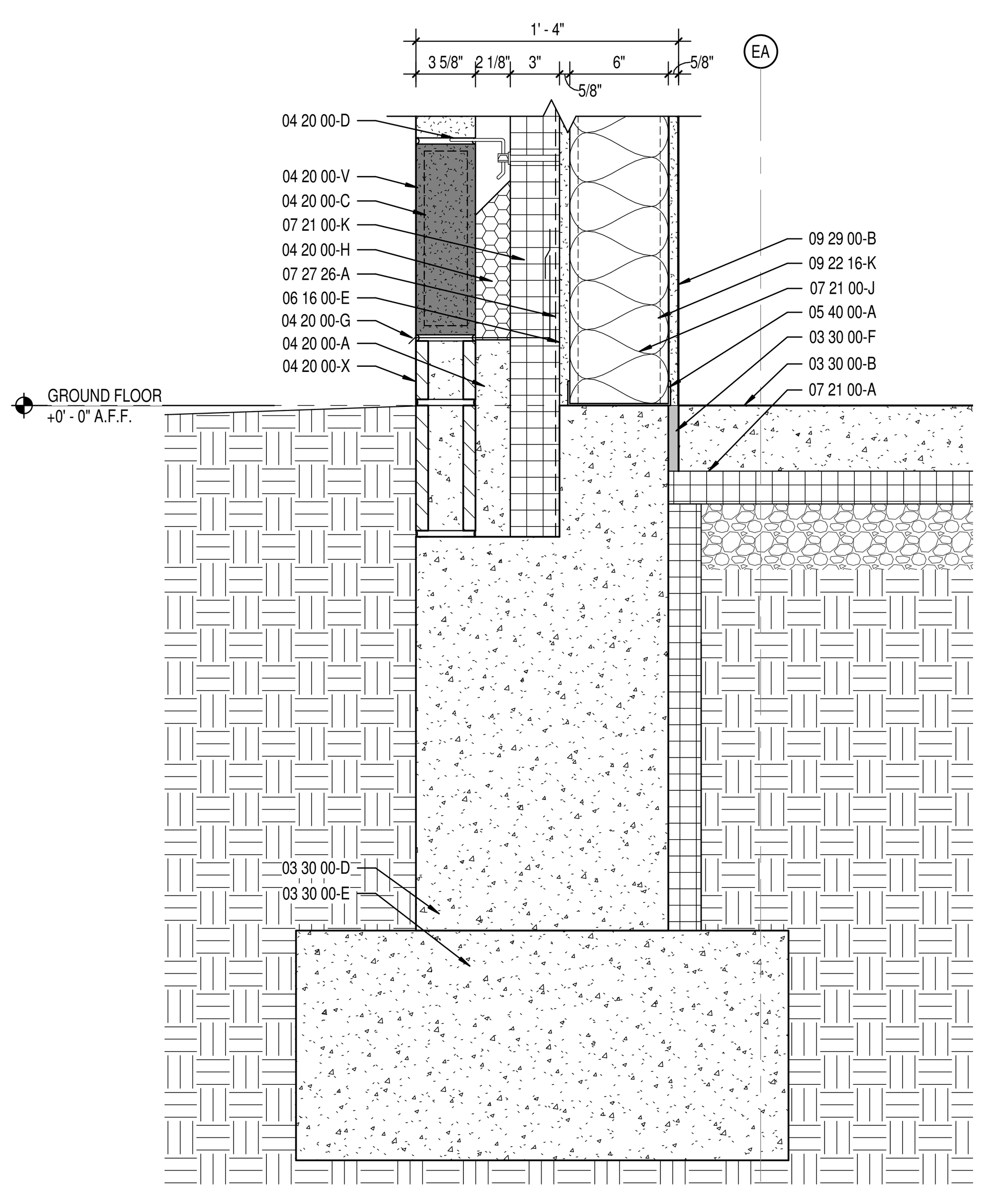

1 / A430 **SECTION DETAIL**
SCALE: 1 1/2" = 1'-0"

KEYNOTE LEGEND

03 30 00-A	WATERSTOP
03 30 00-B	CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL
03 30 00-C	CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL
03 30 00-D	CONCRETE FOUNDATION- SEE STRUCTURAL
03 30 00-E	CONCRETE FOOTING- SEE STRUCTURAL
03 30 00-F	1/2" EXPANSION MATERIAL
04 20 00-A	GROUT CORE SOLID
04 20 00-B	MASONRY TIE
04 20 00-C	CELL WEEP VENTS @ 16" O.C.
04 20 00-D	ADJUSTIBLE MASONRY VENEER ANCHOR AT 16" O.C. VERTICALLY
04 20 00-F	METAL FLASHING
04 20 00-G	THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE
04 20 00-H	CAVITY DRAINAGE MATERIAL
04 20 00-J	BRICK TYPE 1 (WIRE CUT)
04 20 00-K	BRICK TYPE 2 (SMOOTH FACE)
04 20 00-K.1	BRICK TYPE 2 (SOLDIER COURSE) - SEE SIZE ON DRAWING 10/A430
04 20 00-L	4" CONCRETE MASONRY UNIT
04 20 00-M	6" CONCRETE MASONRY UNIT
04 20 00-N	8" CONCRETE MASONRY UNIT
04 20 00-O	10" CONCRETE MASONRY UNIT
04 20 00-P	12" CONCRETE MASONRY UNIT
04 20 00-Q	BULLNOSE UNIT
04 20 00-R	BOND BEAM MASONRY UNIT
04 20 00-S	DECORATIVE CMU (GROUND FACE)
04 20 00-T	ACOUSTICAL BLOCK
04 20 00-U	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, SMOOTH)
04 20 00-V	CALCIUM SILICATE MASONRY UNIT (LARGE FORMAT, SMOOTH)
04 20 00-W	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, ROUGH)
04 20 00-X	4" GROUND FACE CONCRETE MASONRY UNIT
04 72 00-A	CAST STONE SILL - SEE SIZE ON DRAWING 10/A430
04 72 00-B	CAST STONE
05 12 00-A	STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL
05 12 00-B	STEEL ANGLE- SEE STRUCTURAL
05 12 00-C	STEEL BENT PLATE- SEE STRUCTURAL
05 12 00-D	STEEL BEAM- SEE STRUCTURAL
05 12 00-E	STEEL COLUMN - SEE STRUCTURAL
05 12 00-F	STEEL PLATE - SEE STRUCTURAL
05 21 00-A	STEEL JOIST- SEE STRUCTURAL
05 31 00-A	METAL ROOF DECKING- SEE STRUCTURAL
05 31 00-B	METAL FLOOR DECKING- SEE STRUCTURAL
05 40 00-A	6" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-B	2 1/2" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-C	3 5/8" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-D	6"x6" 10 GA. COLD FORMED STEEL ANGLE, CUT TO FIT. ATTACH JAMB TO HEAD
05 40 00-F	CLIP ANGLE
05 40 00-J	3" 16GA. GALVANIZED Z-BAR SUB GIRTS
05 40 00-L	7/8" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 40 00-M	1 1/2" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 50 00-A	MISCELLANEOUS STEEL - SEE STRUCTURAL
05 50 00-B	GALVANIZED STEEL BRICK LINTEL
05 50 00-E	PRE-MANUFACTURED ALUMINUM ACCESS LADDER
05 50 00-F	ELEVATOR HOIST BEAM- COORDINATE WITH ELEVATOR MANUFACTURER
05 51 00-A	MANUFACTURED STEEL FRAMED STAIR
05 51 00-B	CONCRETE FILLED METAL PAN TREAD AND RISER
05 51 00-C	STAIR METAL STRINGER- CHANNEL
05 51 00-D	STAIR METAL STRINGER - TUBE
05 52 13-E	1-1/4" I.D. PAINTED STEEL PIPE RAILING
05 52 13-F	1-1/4" I.D. PAINTED STEEL PIPE HANDRAIL
05 52 13-G	1-1/4" I.D. PAINTED GALVANIZED STEEL PIPE RAILING
05 52 13-U	1-1/2" O.D. GALVANIZED STEEL PIPE GUARDRAIL
05 73 00-A	DECORATIVE METAL RAILING
05 73 00-B	1-1/4" I.D. COLOR ANODIZED ALUMINUM HANDRAIL
06 10 00-A	SHIM AS REQUIRED
06 10 00-B	2X WOOD BLOCKING
06 16 00-A	3/4" EXTERIOR GRADE PLYWOOD
06 16 00-B	5/8" EXTERIOR GRADE PLYWOOD
06 16 00-C	TWO LAYERS OF 3/4" EXTERIOR GRADE PLYWOOD
06 16 00-D	1/2" EXTERIOR GRADE PLYWOOD
06 16 00-E	5/8" EXTERIOR GYPSUM SHEATHING
06 40 00-A	1 1/2" WOOD TRIM
06 40 00-B	SOILD SURFACE WINDOW STOOL
06 40 00-G	1X HARDWOOD TRIM, STAINED
07 13 26-A	SELF-ADHEREING SHEET WATERPROOFING
07 13 26-B	RIGID INSULATION
07 13 26-C	MOLDED SHEET DRAINAGE PANEL
07 21 00-A	SLAB PERIMETER RIGID INSULATION (R-15 FOR 24")
07 21 00-J	PACK FULL WITH MINERAL WOOL INSULATION
07 21 00-K	3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8)
07 21 00-L	3" THERMALLY ISOLATED COMPOSITE Z-GIRT INSULATION SYSTEM
07 21 00-N	MINERAL WOOL BATT INSULATION
07 27 26-A	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE
07 27 26-B	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE, EXTEND AROUND BLOCK TO UNDER WINDOW / PARAPET
07 31 13-A	ASPHALT SHINGLE ROOF
07 42 13-A	PRE-FINISHED METAL WALL PANEL
07 42 13-B	METAL WALL PANEL
07 42 13-C	METAL WALL PANEL - SOFFIT
07 42 13-E	FLASHING WITH DRIP EDGE
07 42 13-F	EXTRUDED TRIM BY MFR
07 42 13-G	THROUGH WALL FLASHING WITH PERFORMED METAL DRIP EDGE
07 54 19-A	POLYVINYL-CHLORIDE (PVC) MEMBRANE ROOFING SYSTEM
07 54 19-B	1/2" COVER BOARD
07 54 19-C	TAPERED POLYISO INSULATION BOARD
07 54 19-D	2 LAYERS OF 2" POLYISO INSULATION BOARD (TOTAL R-VALUE = 22.8)
07 54 19-E	MEMBRANE ROOFING-EXTEND OVER & ATTACH TO FRONT FACE OF PARAPET
07 54 19-F	1 1/2" POLYISO INSULATION BOARD
07 54 19-G	TERMINATION BAR, SET IN WATER CUT OFF MASTIC.
07 62 00-C	FASCIA CLADDING
07 62 00-J	DRIP EDGE
07 62 00-M	PRE-FINISHED METAL GUTTER
07 62 00-N	PREFINISHED METAL DOWNSPOUT
07 71 00-A	MANUFACTURED COPING
07 71 00-B	MANUFACTURED GRAVEL STOP
07 71 00-C	MANUFACTURED FASCIA CLADDING
07 71 00-D	MANUFACTURED COUNTERFLASHING SYSTEM
07 71 00-E	MANUFACTURED GUTTER
07 71 00-F	MANUFACTURED DOWNSPOUT
07 71 00-H	MANUFACTURED DRIP EDGE
07 71 29-A	MANUFACTURED ROOF EXPANSION JOINT ASSEMBLY
07 71 29-B	MANUFACTURED ROOF TO WALL EXPANSION JOINT ASSEMBLY
07 84 13-A	PENETRATION FIRESTOPPING
07 92 00-A	SEALANT
07 92 00-B	SEALANT EACH SIDE, TYPICAL
07 95 13.13-A	INTERIOR EXPANSION JOINT COVER ASSEMBLY
07 95 13.16-A	EXTERIOR EXPANSION JOINT COVER ASSEMBLY
08 11 13-A	HOLLOW METAL DOOR/BORROWED LIGHT FRAME
08 11 13-B	HOLLOW METAL DOOR
08 14 16-A	FLUSH WOOD DOOR
08 33 13-A	OVERHEAD COILING COUNTER DOOR
08 33 13-B	OVERHEAD COILING COUNTER GRILLE
08 33 13-C	INSULATED COILING COUNTER DOOR
08 33 13-E	GUIDE
08 33 23-A	OVERHEAD COILING DOOR
08 33 23-J	BREAK METAL TO MATCH DOOR GUIDE FINISH
08 33 23-K	OVERHEAD COILING DOOR WITH INTEGRATED PASS DOOR
08 41 13-A	4 1/2" ALUMINUM-FRAMED STOREFRONT
08 41 13-B	WIDE STYLE ALUMINUM ENTRANCE DOOR
08 41 13-C	ALUMINUM BRAKE METAL TO MATCH STOREFRONT FRAME
08 44 13-A	7 1/2" DEEP ALUMINUM CURTAINWALL SYSTEM
08 44 13-C	CURTAINWALL ATTACHMENT MEMBER, ALLOW FOR THERMAL MOVEMENT
08 44 13-D	ALUMINUM BREAKMETAL TO MATCH CURTAINWALL FRAME
08 44 13-F	10" DEEP ALUMINUM CURTAINWALL SYSTEM
08 80 00-A	GLAZING - SEE SCHEDULE/ELEVATIONS
08 80 00-B	SPANDREL PANEL - SEE SCHEDULE/ELEVATIONS
08 91 19-A	FIXED LOUVER
09 22 16-D	7/8" FURRING CHANNEL
09 22 16-G	2 1/2" STEEL STUD
09 22 16-H	3 5/8" STEEL STUD
09 22 16-K	6" STEEL STUD
09 29 00-B	5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE)
09 29 00-D	SOUND ATTENUATION INSULATION
09 29 00-E	SUSPENDED GYPSUM BOARD CEILING ASSEMBLY
09 51 13-A	ACOUSTICAL CEILING SUSPENSION ASSEMBLY
09 51 13-C	SUSPENDED CEILING METAL EDGE TRIM
09 82 00-A	SOUND DIFFUSIVE WOOD UNITS
10 14 23-A	PANEL SIGNAGE
10 82 00-A	ROOF AND WALL SCREENS
12 24 13	
12 24 13-A	ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE
14 24 00-D	PIT LADDER
31 20 00-C	DRAINING GRANULAR FILL
32 13 16-A	SIDEWALK- SEE LANDSCAPE SHEETS
32 31 13-A	CHAIN-LINK FENCE- SEE LANDSCAPE SHEETS
32 31 19-A	ORNAMENTAL FENCE- SEE LANDSCAPE SHEETS

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
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On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

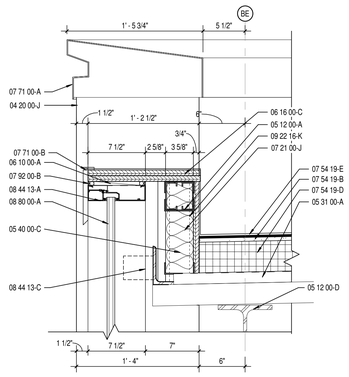
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
SECTION DETAILS

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A430

PROJECT NUMBER
2023061



13 A431 SECTION DETAIL
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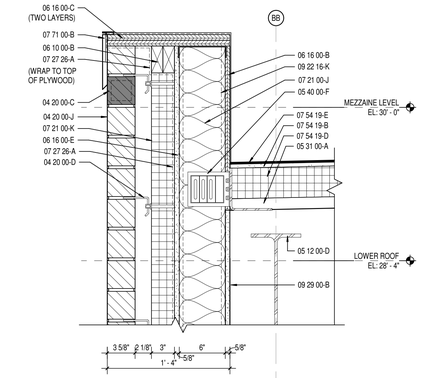

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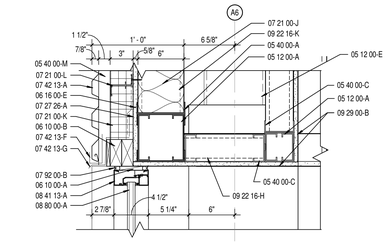

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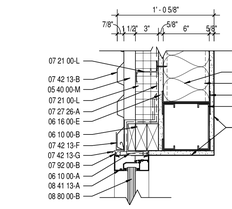

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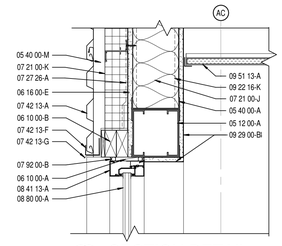

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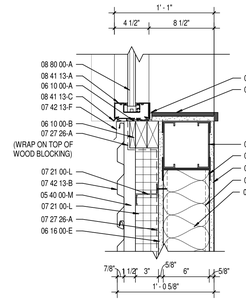

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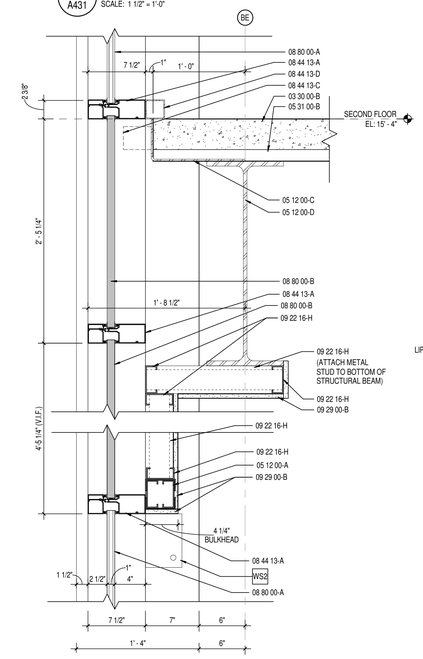

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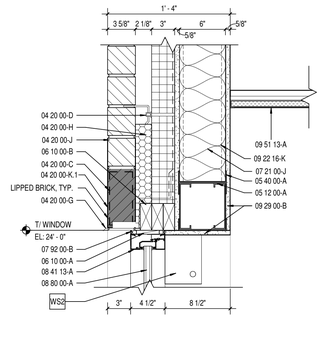

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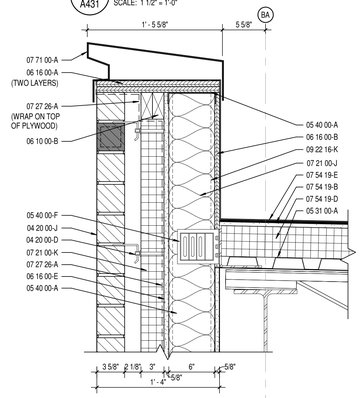

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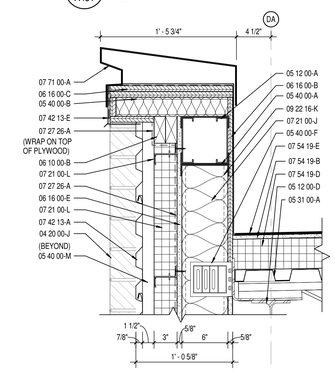

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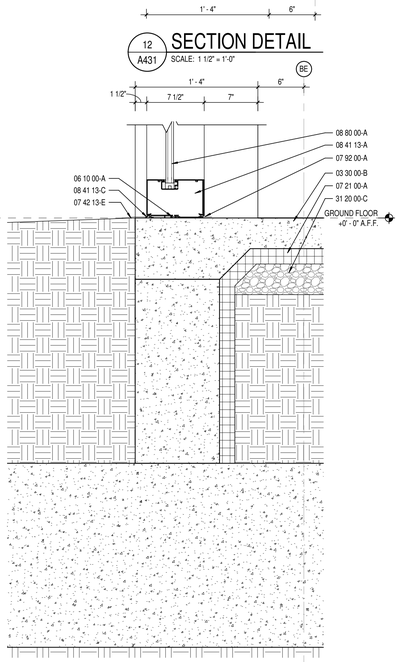

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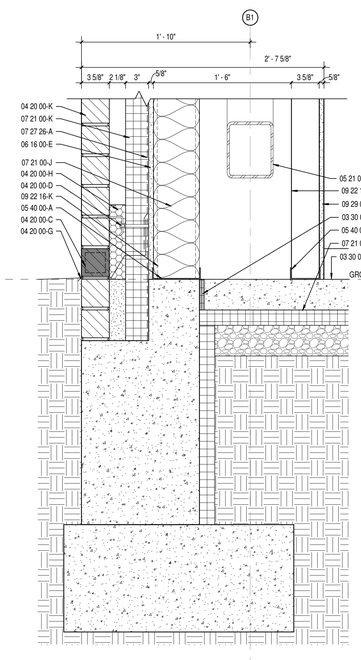

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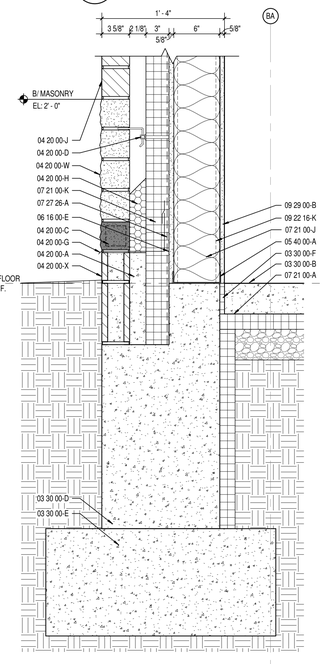

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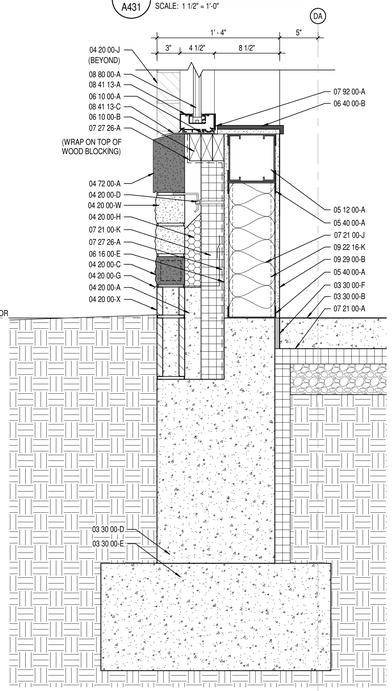

1 A431 SECTION DETAIL
SCALE: 1 1/2" = 1'-0"

KEYNOTE LEGEND

03 30 00-A	WATERSTOP
03 30 00-B	CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL
03 30 00-C	CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL
03 30 00-D	CONCRETE FOUNDATION- SEE STRUCTURAL
03 30 00-E	CONCRETE FOOTING- SEE STRUCTURAL
03 30 00-F	1/2" EXPANSION MATERIAL
04 20 00-A	GROUT CORE SOLID
04 20 00-B	MASONRY TIE
04 20 00-C	CELL WEEP VENTS @ 16" O.C.
04 20 00-D	ADJUSTIBLE MASONRY VENEER ANCHOR AT 16" O.C. VERTICALLY
04 20 00-F	METAL FLASHING
04 20 00-G	THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE
04 20 00-H	CAVITY DRAINAGE MATERIAL
04 20 00-J	BRICK TYPE 1 (WIRE CUT)
04 20 00-K	BRICK TYPE 2 (SMOOTH FACE)
04 20 00-K.1	BRICK TYPE 2 (SOLDIER COURSE) - SEE SIZE ON DRAWING 10/A430
04 20 00-L	4" CONCRETE MASONRY UNIT
04 20 00-M	6" CONCRETE MASONRY UNIT
04 20 00-N	8" CONCRETE MASONRY UNIT
04 20 00-O	10" CONCRETE MASONRY UNIT
04 20 00-P	12" CONCRETE MASONRY UNIT
04 20 00-Q	BULLNOSE UNIT
04 20 00-R	BOND BEAM MASONRY UNIT
04 20 00-S	DECORATIVE CMU (GROUND FACE)
04 20 00-T	ACOUSTICAL BLOCK
04 20 00-U	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, SMOOTH)
04 20 00-V	CALCIUM SILICATE MASONRY UNIT (LARGE FORMAT, SMOOTH)
04 20 00-W	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, ROUGH)
04 20 00-X	4" GROUND FACE CONCRETE MASONRY UNIT
04 72 00-A	CAST STONE SILL - SEE SIZE ON DRAWING 10/A430
04 72 00-B	CAST STONE
05 12 00-A	STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL
05 12 00-B	STEEL ANGLE- SEE STRUCTURAL
05 12 00-C	STEEL BENT PLATE- SEE STRUCTURAL
05 12 00-D	STEEL BEAM- SEE STRUCTURAL
05 12 00-E	STEEL COLUMN - SEE STRUCTURAL
05 12 00-F	STEEL PLATE - SEE STRUCTURAL
05 21 00-A	STEEL JOIST- SEE STRUCTURAL
05 31 00-A	METAL ROOF DECKING- SEE STRUCTURAL
05 31 00-B	METAL FLOOR DECKING- SEE STRUCTURAL
05 40 00-A	6" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-B	2 1/2" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-C	3 5/8" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-D	6"x6" 10 GA. COLD FORMED STEEL ANGLE, CUT TO FIT. ATTACH JAMB TO HEAD
05 40 00-F	CLIP ANGLE
05 40 00-J	3" 16GA. GALVANIZED Z-BAR SUB GIRTS
05 40 00-L	7/8" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 40 00-M	1 1/2" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 50 00-A	MISCELLANEOUS STEEL - SEE STRUCTURAL
05 50 00-B	GALVANIZED STEEL BRICK LINTEL
05 50 00-E	PRE-MANUFACTURED ALUMINUM ACCESS LADDER
05 50 00-F	ELEVATOR HOIST BEAM- COORDINATE WITH ELEVATOR MANUFACTURER
05 51 00-A	MANUFACTURED STEEL FRAMED STAIR
05 51 00-B	CONCRETE FILLED METAL PAN TREAD AND RISER
05 51 00-C	STAIR METAL STRINGER- CHANNEL
05 51 00-D	STAIR METAL STRINGER - TUBE
05 52 13-E	1-1/4" I.D. PAINTED STEEL PIPE RAILING
05 52 13-F	1-1/4" I.D. PAINTED STEEL PIPE HANDRAIL
05 52 13-G	1-1/4" I.D. PAINTED GALVANIZED STEEL PIPE RAILING
05 52 13-U	1-1/2" O.D. GALVANIZED STEEL PIPE GUARDRAIL
05 73 00-A	DECORATIVE METAL RAILING
05 73 00-B	1-1/4" I.D. COLOR ANODIZED ALUMINUM HANDRAIL
06 10 00-A	SHIM AS REQUIRED
06 10 00-B	2X WOOD BLOCKING
06 16 00-A	3/4" EXTERIOR GRADE PLYWOOD
06 16 00-B	5/8" EXTERIOR GRADE PLYWOOD
06 16 00-C	TWO LAYERS OF 3/4" EXTERIOR GRADE PLYWOOD
06 16 00-D	1/2" EXTERIOR GRADE PLYWOOD
06 16 00-E	5/8" EXTERIOR GYPSUM SHEATHING
06 40 00-A	1 1/2" WOOD TRIM
06 40 00-B	SOILD SURFACE WINDOW STOOL
06 40 00-G	1X HARDWOOD TRIM, STAINED
07 13 26-A	SELF-ADHEREING SHEET WATERPROOFING
07 13 26-B	RIGID INSULATION
07 13 26-C	MOLDED SHEET DRAINAGE PANEL
07 21 00-A	SLAB PERIMETER RIGID INSULATION (R-15 FOR 24")
07 21 00-J	PACK FULL WITH MINERAL WOOL INSULATION
07 21 00-K	3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8)
07 21 00-L	3" THERMALLY ISOLATED COMPOSITE Z-GIRT INSULATION SYSTEM
07 21 00-N	MINERAL WOOL BATT INSULATION
07 27 26-A	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE
07 27 26-B	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE, EXTEND AROUND BLOCK TO UNDER WINDOW / PARAPET
07 31 13-A	ASPHALT SHINGLE ROOF
07 42 13-A	PRE-FINISHED METAL WALL PANEL
07 42 13-B	METAL WALL PANEL
07 42 13-C	METAL WALL PANEL - SOFFIT
07 42 13-E	FLASHING WITH DRIP EDGE
07 42 13-F	EXTRUDED TRIM BY MFR
07 42 13-G	THROUGH WALL FLASHING WITH PERFORMED METAL DRIP EDGE
07 54 19-A	POLYVINYL-CHLORIDE (PVC) MEMBRANE ROOFING SYSTEM
07 54 19-B	1/2" COVER BOARD
07 54 19-C	TAPERED POLYISO INSULATION BOARD
07 54 19-D	2 LAYERS OF 2" POLYISO INSULATION BOARD (TOTAL R-VALUE = 22.8)
07 54 19-E	MEMBRANE ROOFING-EXTEND OVER & ATTACH TO FRONT FACE OF PARAPET
07 54 19-F	1 1/2" POLYISO INSULATION BOARD
07 54 19-G	TERMINATION BAR, SET IN WATER CUT OFF MASTIC.
07 62 00-C	FASCIA CLADDING
07 62 00-J	DRIP EDGE
07 62 00-M	PRE-FINISHED METAL GUTTER
07 62 00-N	PREFINISHED METAL DOWNSPOUT
07 71 00-A	MANUFACTURED COPING
07 71 00-B	MANUFACTURED GRAVEL STOP
07 71 00-C	MANUFACTURED FASCIA CLADDING
07 71 00-D	MANUFACTURED COUNTERFLASHING SYSTEM
07 71 00-E	MANUFACTURED GUTTER
07 71 00-F	MANUFACTURED DOWNSPOUT
07 71 00-H	MANUFACTURED DRIP EDGE
07 71 29-A	MANUFACTURED ROOF EXPANSION JOINT ASSEMBLY
07 71 29-B	MANUFACTURED ROOF TO WALL EXPANSION JOINT ASSEMBLY
07 84 13-A	PENETRATION FIRESTOPPING
07 92 00-A	SEALANT
07 92 00-B	SEALANT EACH SIDE, TYPICAL
07 95 13.13-A	INTERIOR EXPANSION JOINT COVER ASSEMBLY
07 95 13.16-A	EXTERIOR EXPANSION JOINT COVER ASSEMBLY
08 11 13-A	HOLLOW METAL DOOR/BORROWED LIGHT FRAME
08 11 13-B	HOLLOW METAL DOOR
08 14 16-A	FLUSH WOOD DOOR
08 33 13-A	OVERHEAD COILING COUNTER DOOR
08 33 13-B	OVERHEAD COILING COUNTER GRILLE
08 33 13-C	INSULATED COILING COUNTER DOOR
08 33 13-E	GUIDE
08 33 23-A	OVERHEAD COILING DOOR
08 33 23-J	BREAK METAL TO MATCH DOOR GUIDE FINISH
08 33 23-K	OVERHEAD COILING DOOR WITH INTEGRATED PASS DOOR
08 41 13-A	4 1/2" ALUMINUM-FRAMED STOREFRONT
08 41 13-B	WIDE STYLE ALUMINUM ENTRANCE DOOR
08 41 13-C	ALUMINUM BRAKE METAL TO MATCH STOREFRONT FRAME
08 44 13-A	7 1/2" DEEP ALUMINUM CURTAINWALL SYSTEM
08 44 13-C	CURTAINWALL ATTACHMENT MEMBER, ALLOW FOR THERMAL MOVEMENT
08 44 13-D	ALUMINUM BREAKMETAL TO MATCH CURTAINWALL FRAME
08 44 13-F	10" DEEP ALUMINUM CURTAINWALL SYSTEM
08 80 00-A	GLAZING - SEE SCHEDULE/ELEVATIONS
08 80 00-B	SPANDREL PANEL - SEE SCHEDULE/ELEVATIONS
08 91 19-A	FIXED LOUVER
09 22 16-D	7/8" FURRING CHANNEL
09 22 16-G	2 1/2" STEEL STUD
09 22 16-H	3 5/8" STEEL STUD
09 22 16-K	6" STEEL STUD
09 29 00-B	5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE)
09 29 00-D	SOUND ATTENUATION INSULATION
09 29 00-E	SUSPENDED GYPSUM BOARD CEILING ASSEMBLY
09 51 13-A	ACOUSTICAL CEILING SUSPENSION ASSEMBLY
09 51 13-C	SUSPENDED CEILING METAL EDGE TRIM
09 82 00-A	SOUND DIFFUSIVE WOOD UNITS
10 14 23-A	PANEL SIGNAGE
10 82 00-A	ROOF AND WALL SCREENS
12 24 13	
12 24 13-A	ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE
14 24 00-D	PIT LADDER
31 20 00-C	DRAINING GRANULAR FILL
32 13 16-A	SIDEWALK- SEE LANDSCAPE SHEETS
32 31 13-A	CHAIN-LINK FENCE- SEE LANDSCAPE SHEETS
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DRAWING TITLE:
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CERTIFIED BY:
BRENTON C. HAND
REGISTERED
No. AR11700184
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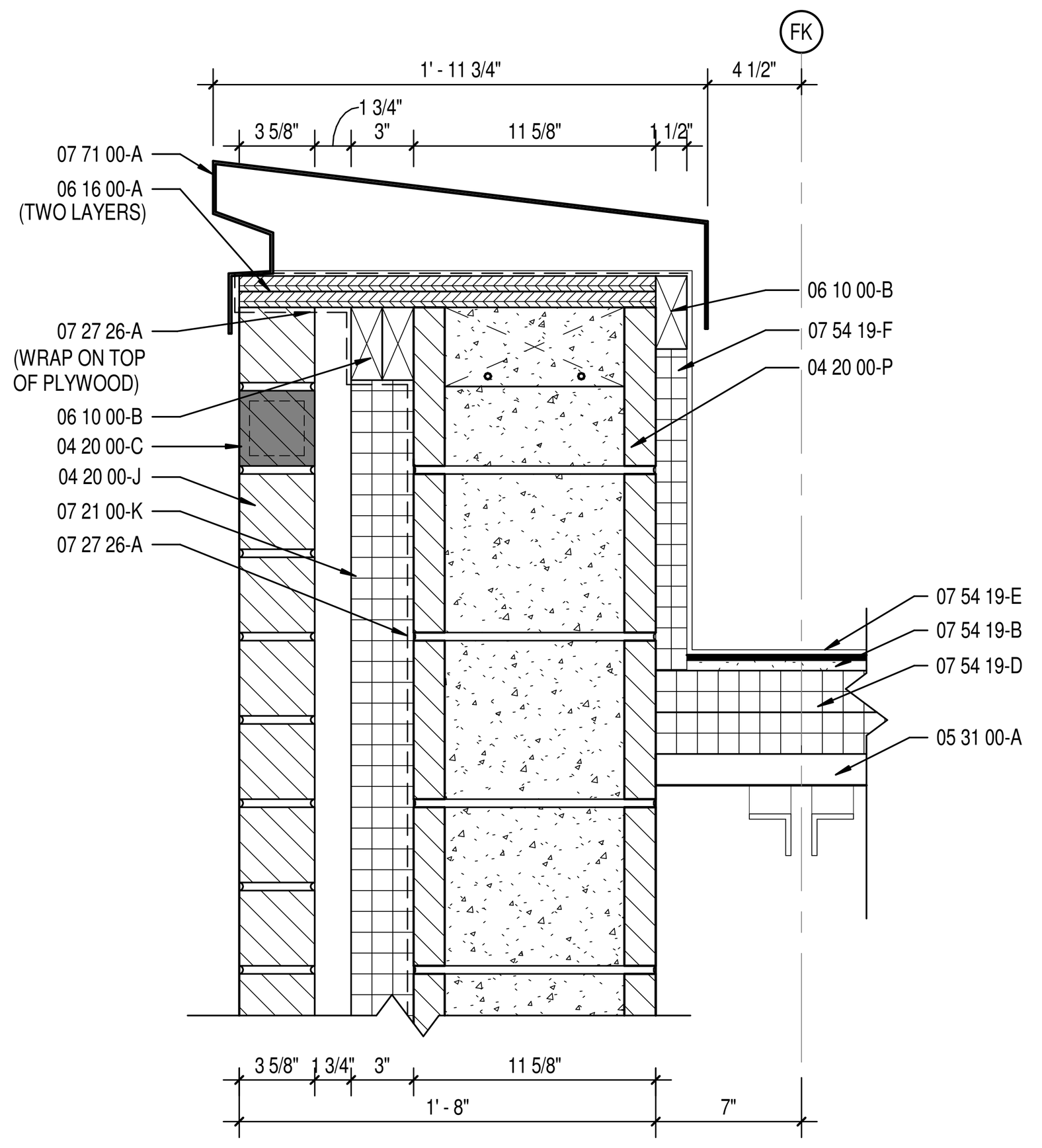

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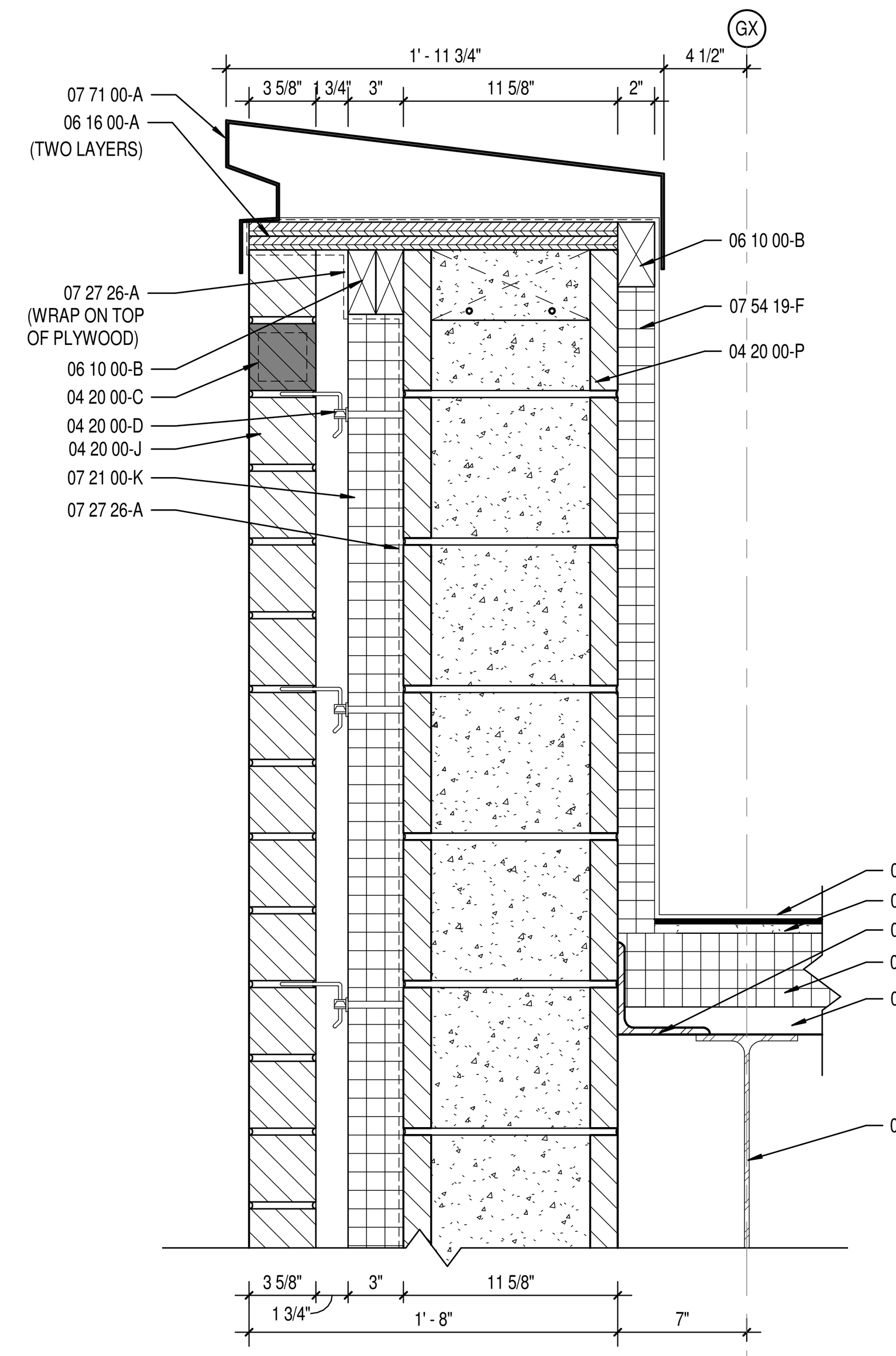

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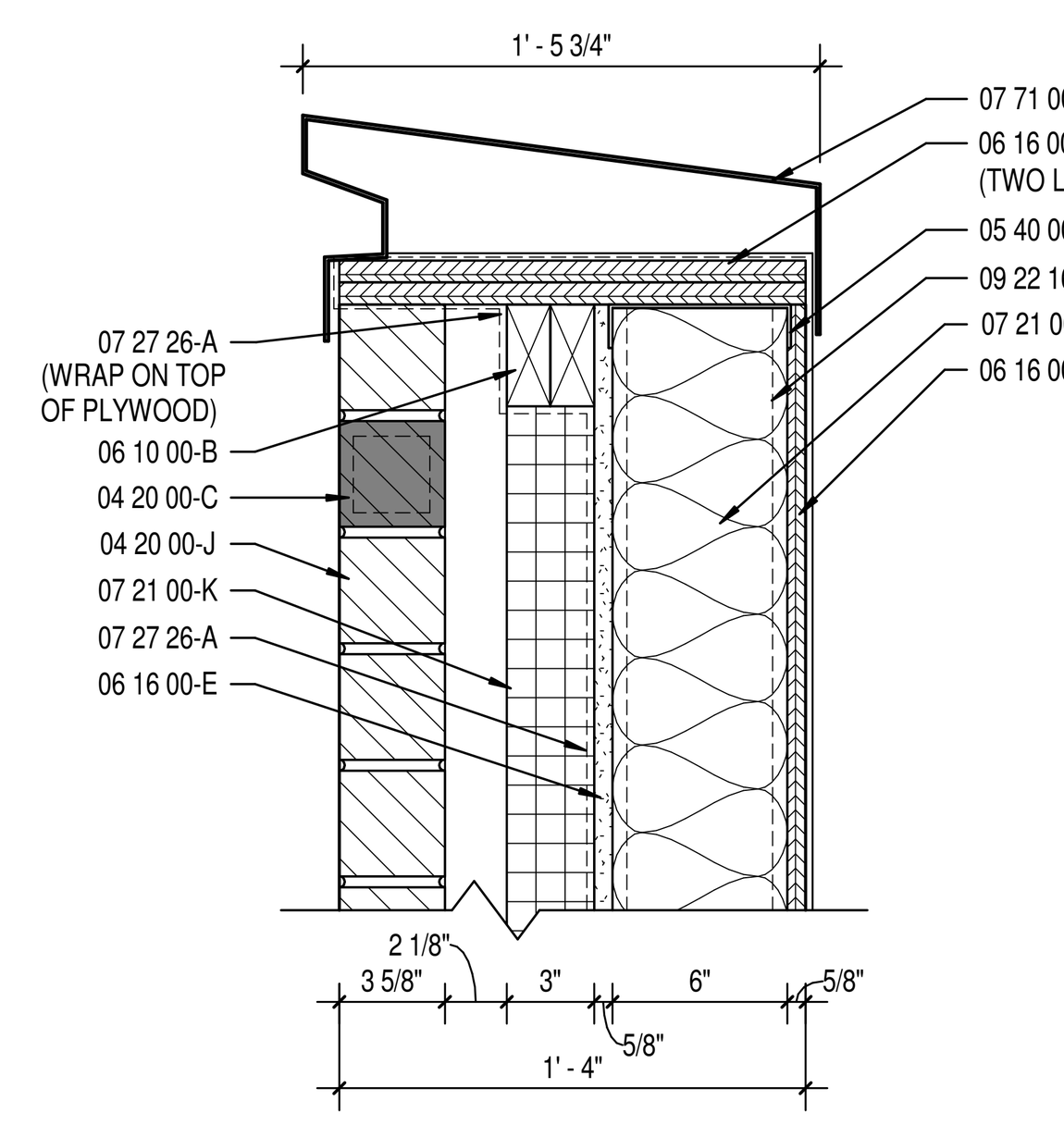

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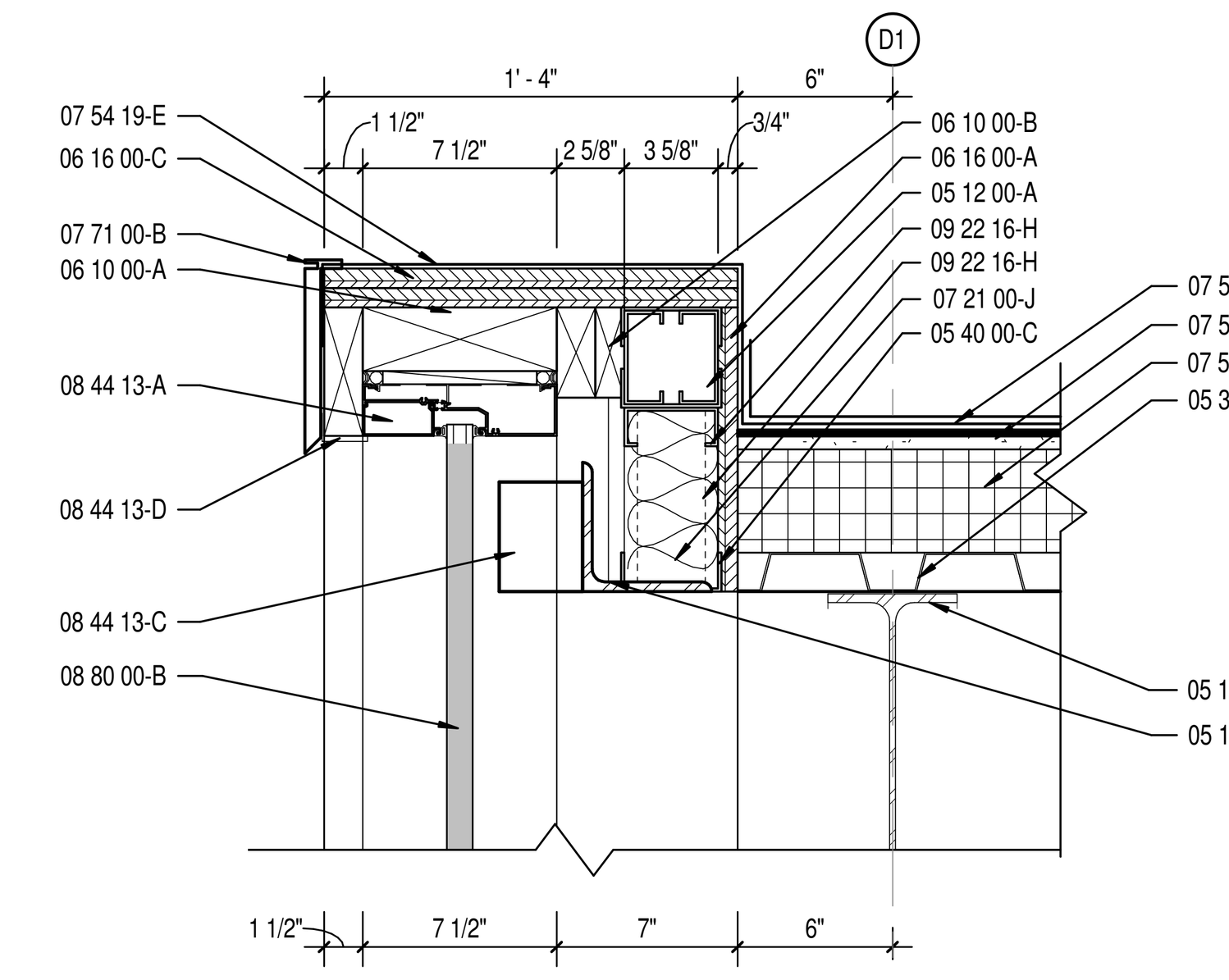

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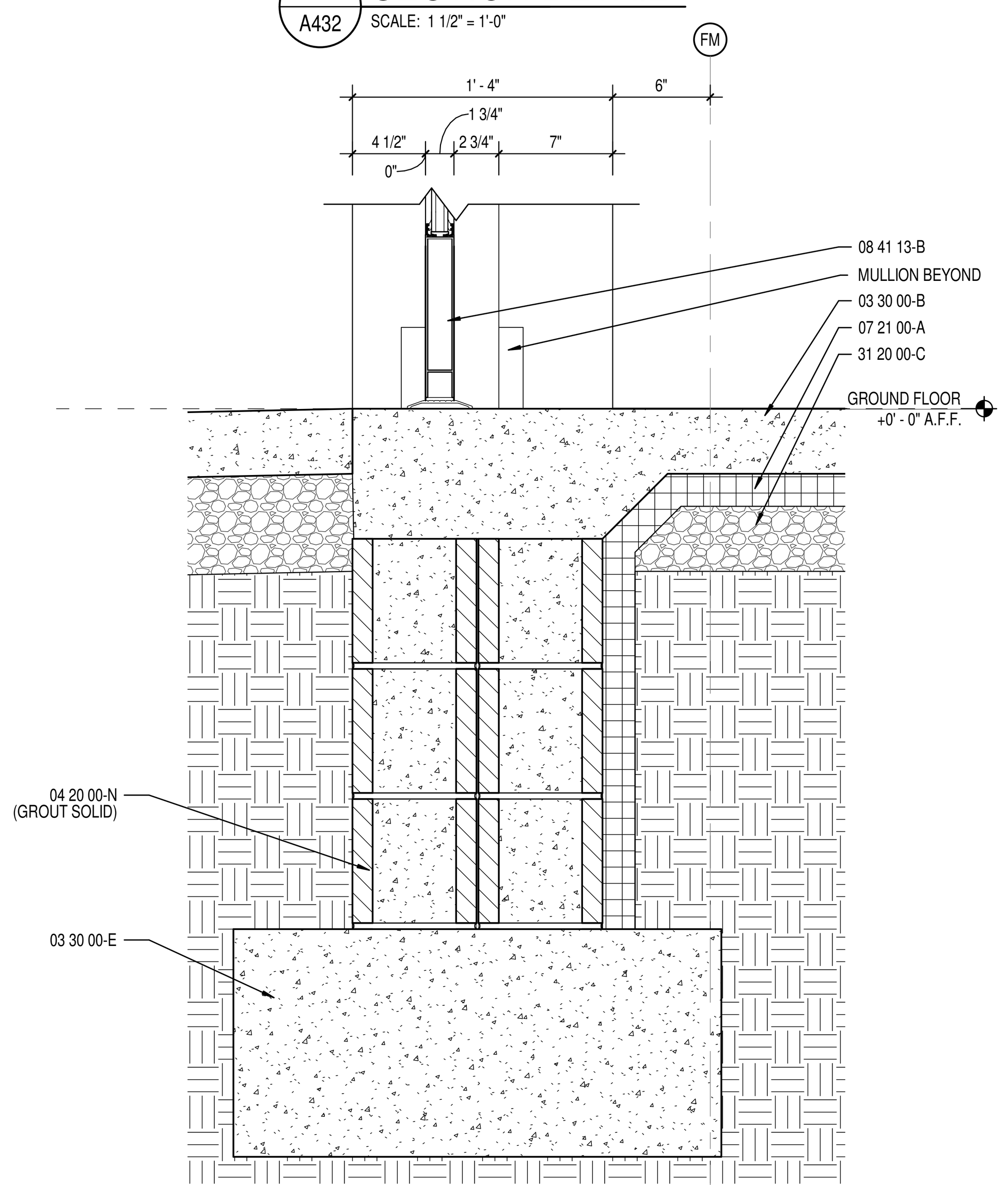

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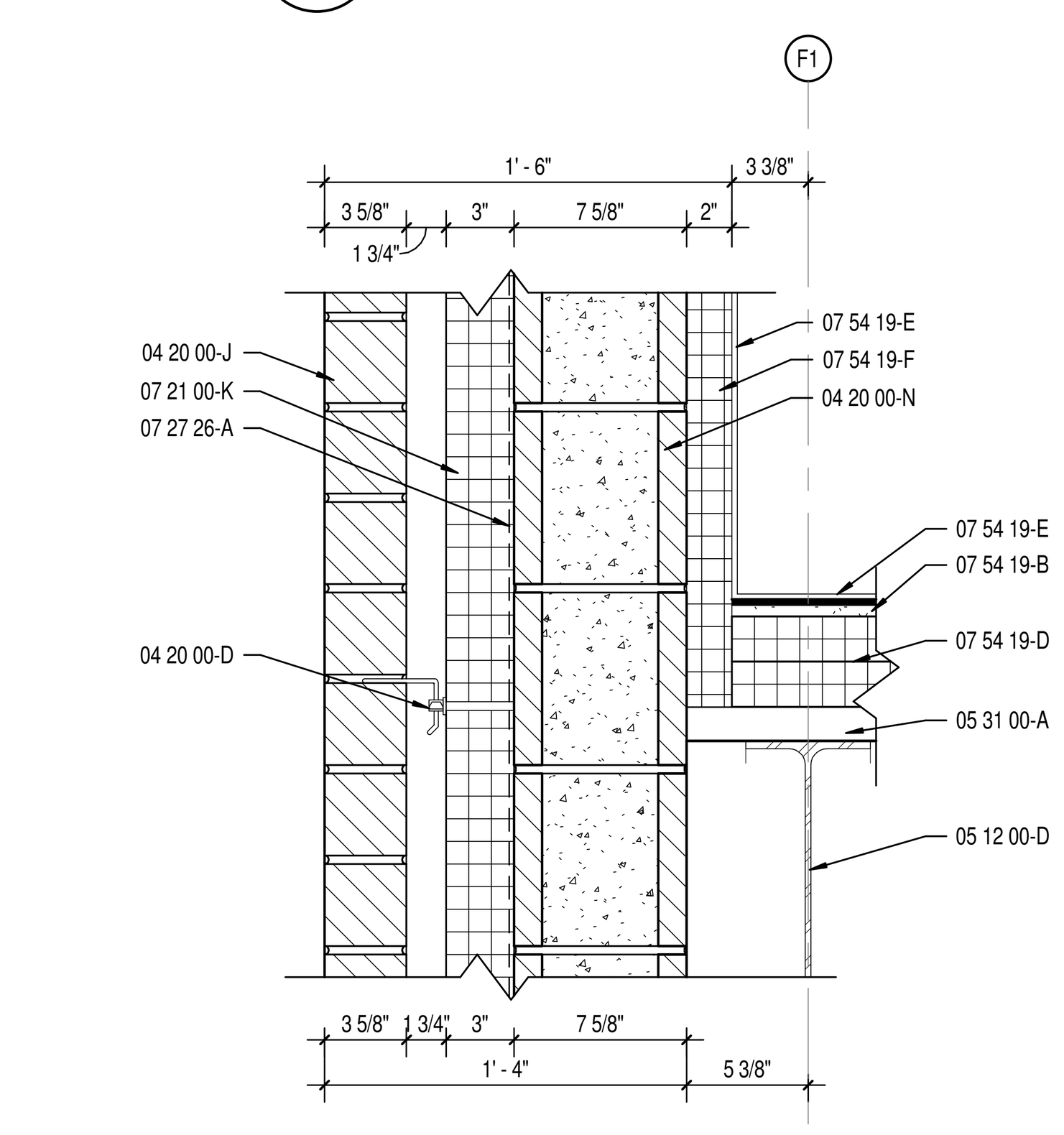

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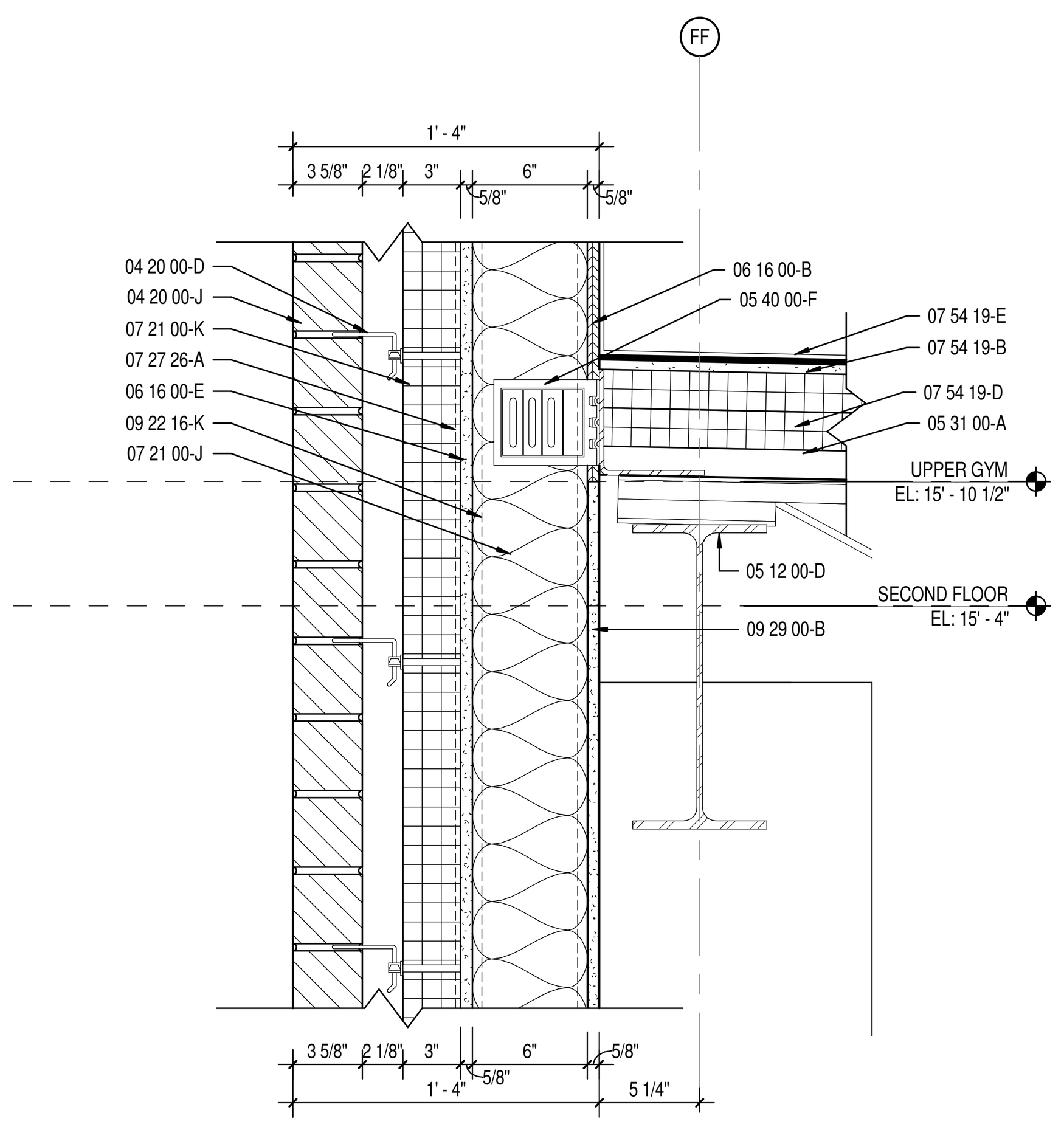

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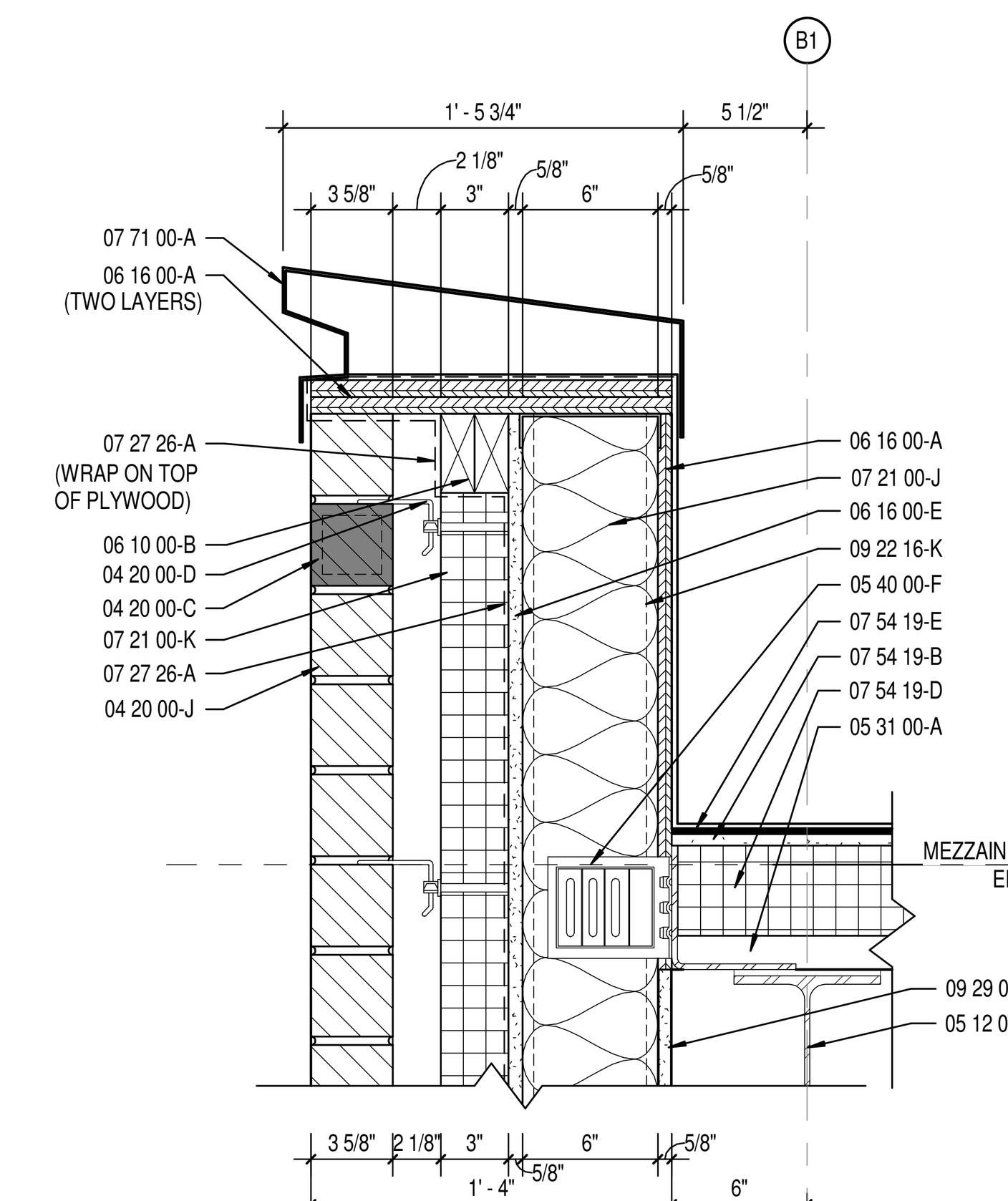

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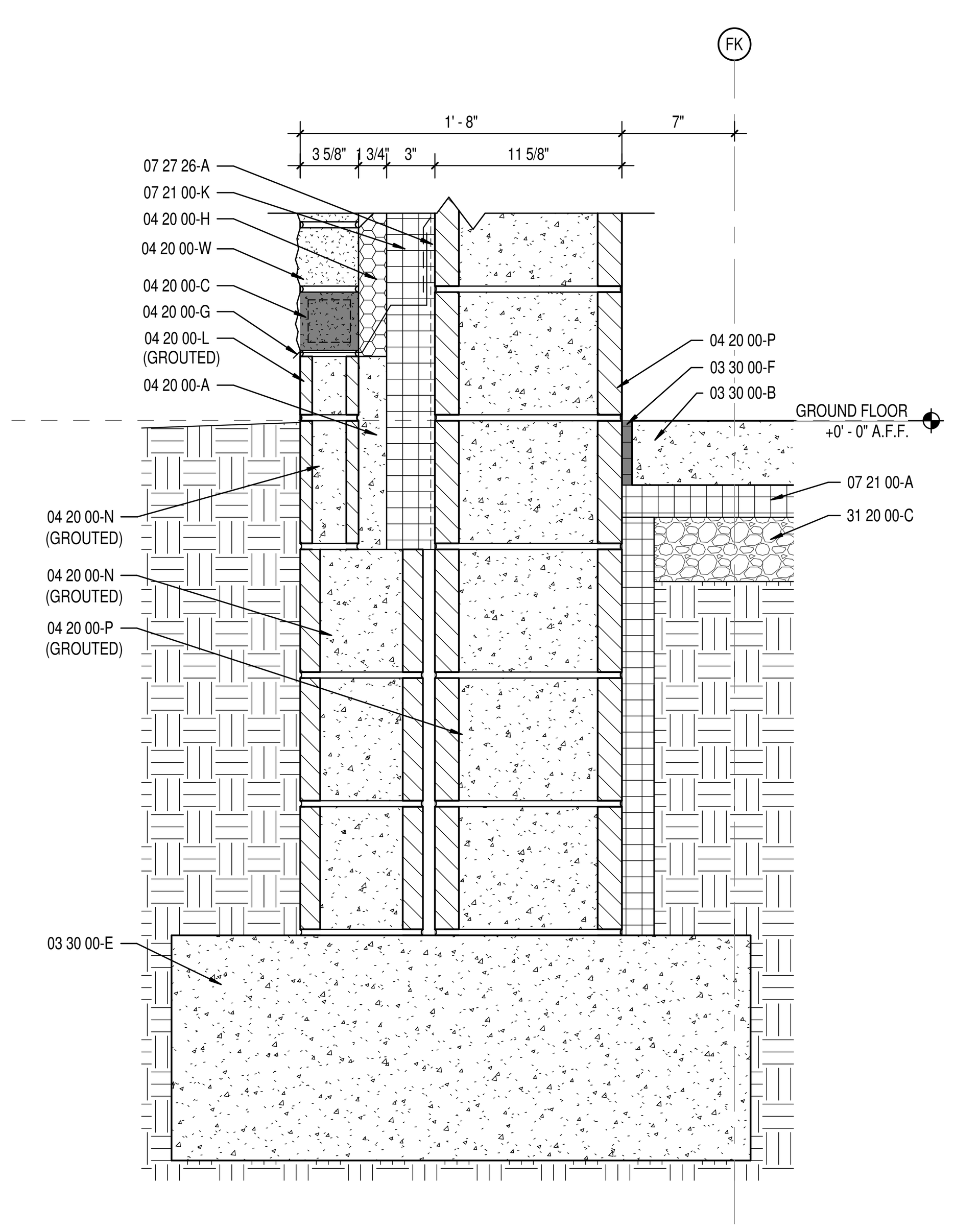

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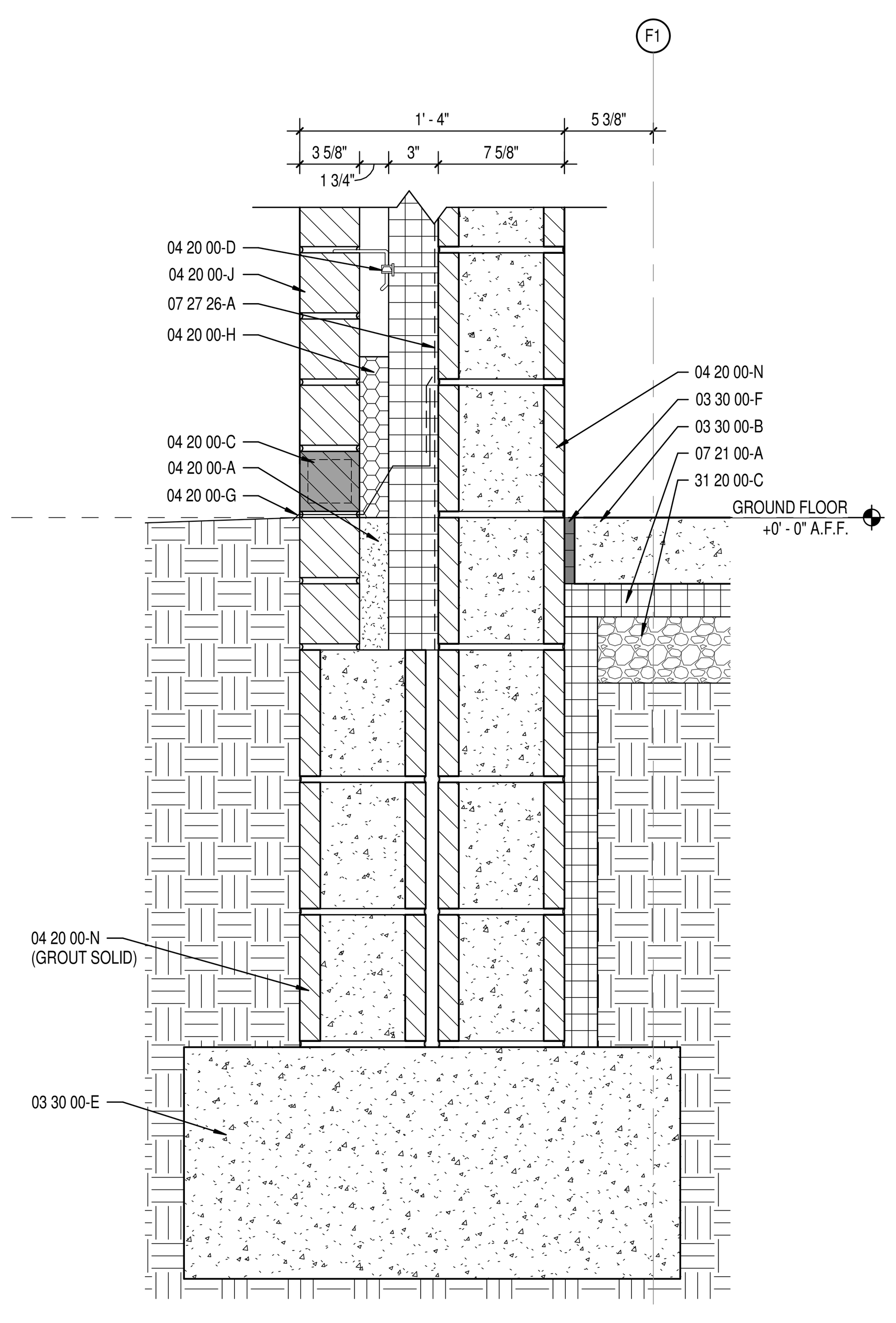

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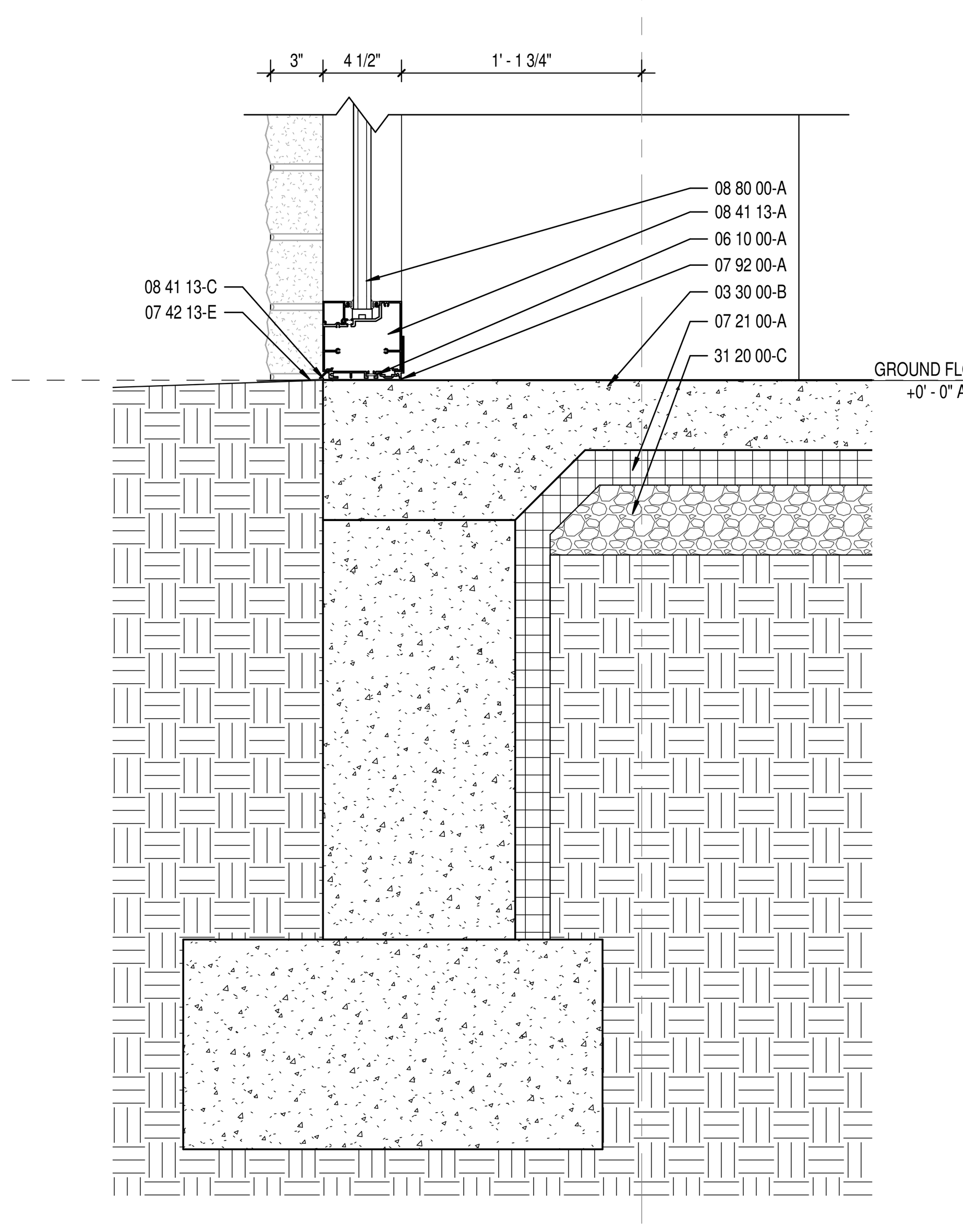

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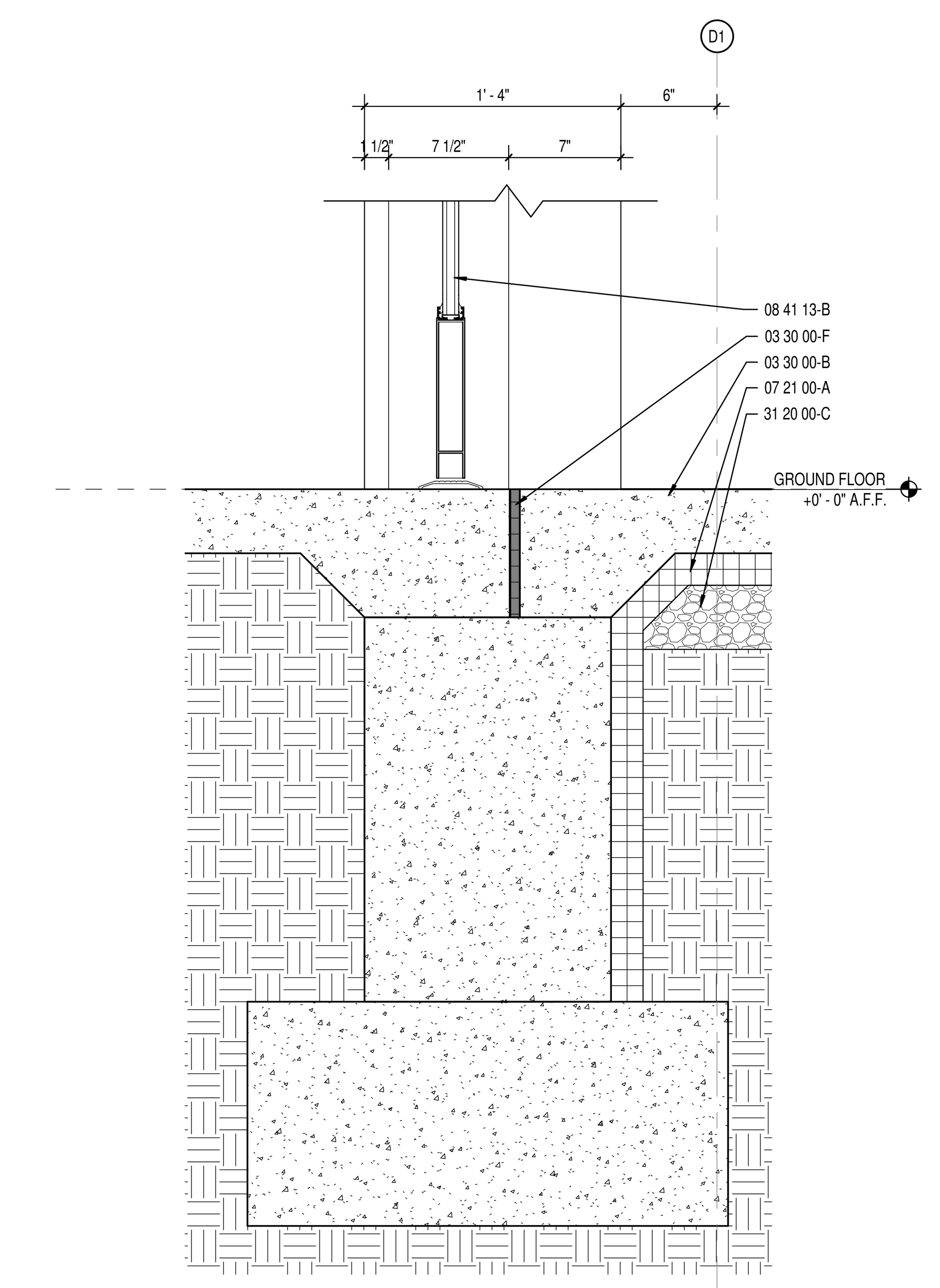

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KEYNOTE LEGEND

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04 20 00-J	BRICK TYPE 1 (WIRE CUT)
04 20 00-K	BRICK TYPE 2 (SMOOTH FACE)
04 20 00-K.1	BRICK TYPE 2 (SOLDIER COURSE) - SEE SIZE ON DRAWING 10/A430
04 20 00-L	4" CONCRETE MASONRY UNIT
04 20 00-M	6" CONCRETE MASONRY UNIT
04 20 00-N	8" CONCRETE MASONRY UNIT
04 20 00-O	10" CONCRETE MASONRY UNIT
04 20 00-P	12" CONCRETE MASONRY UNIT
04 20 00-Q	BULLNOSE UNIT
04 20 00-R	BOND BEAM MASONRY UNIT
04 20 00-S	DECORATIVE CMU (GROUND FACE)
04 20 00-T	ACOUSTICAL BLOCK
04 20 00-U	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, SMOOTH)
04 20 00-V	CALCIUM SILICATE MASONRY UNIT (LARGE FORMAT, SMOOTH)
04 20 00-W	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, ROUGH)
04 20 00-X	4" GROUND FACE CONCRETE MASONRY UNIT
04 72 00-A	CAST STONE SILL - SEE SIZE ON DRAWING 10/A430
04 72 00-B	CAST STONE
05 12 00-A	STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL
05 12 00-B	STEEL ANGLE- SEE STRUCTURAL
05 12 00-C	STEEL BENT PLATE- SEE STRUCTURAL
05 12 00-D	STEEL BEAM- SEE STRUCTURAL
05 12 00-E	STEEL COLUMN - SEE STRUCTURAL
05 12 00-F	STEEL PLATE - SEE STRUCTURAL
05 21 00-A	STEEL JOIST- SEE STRUCTURAL
05 31 00-A	METAL ROOF DECKING- SEE STRUCTURAL
05 31 00-B	METAL FLOOR DECKING- SEE STRUCTURAL
05 40 00-A	6" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-B	2 1/2" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-C	3 5/8" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-D	6"x6" 10 GA. COLD FORMED STEEL ANGLE, CUT TO FIT. ATTACH JAMB TO HEAD
05 40 00-F	CLIP ANGLE
05 40 00-J	3" 16GA. GALVANIZED Z-BAR SUB GIRTS
05 40 00-L	7/8" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 40 00-M	1 1/2" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 50 00-A	MISCELLANEOUS STEEL - SEE STRUCTURAL
05 50 00-B	GALVANIZED STEEL BRICK LINTEL
05 50 00-E	PRE-MANUFACTURED ALUMINUM ACCESS LADDER
05 50 00-F	ELEVATOR HOIST BEAM- COORDINATE WITH ELEVATOR MANUFACTURER
05 51 00-A	MANUFACTURED STEEL FRAMED STAIR
05 51 00-B	CONCRETE FILLED METAL PAN TREAD AND RISER
05 51 00-C	STAIR METAL STRINGER- CHANNEL
05 51 00-D	STAIR METAL STRINGER - TUBE
05 52 13-E	1-1/4" I.D. PAINTED STEEL PIPE RAILING
05 52 13-F	1-1/4" I.D. PAINTED STEEL PIPE HANDRAIL
05 52 13-G	1-1/4" I.D. PAINTED GALVANIZED STEEL PIPE RAILING
05 52 13-U	1-1/2" O.D. GALVANIZED STEEL PIPE GUARDRAIL
05 73 00-A	DECORATIVE METAL RAILING
05 73 00-B	1-1/4" I.D. COLOR ANODIZED ALUMINUM HANDRAIL
06 10 00-A	SHIM AS REQUIRED
06 10 00-B	2X WOOD BLOCKING
06 16 00-A	3/4" EXTERIOR GRADE PLYWOOD
06 16 00-B	5/8" EXTERIOR GRADE PLYWOOD
06 16 00-C	TWO LAYERS OF 3/4" EXTERIOR GRADE PLYWOOD
06 16 00-D	1/2" EXTERIOR GRADE PLYWOOD
06 16 00-E	5/8" EXTERIOR GYPSUM SHEATHING
06 40 00-A	1 1/2" WOOD TRIM
06 40 00-B	SOILD SURFACE WINDOW STOOL
06 40 00-G	1X HARDWOOD TRIM, STAINED
07 13 26-A	SELF-ADHEREING SHEET WATERPROOFING
07 13 26-B	RIGID INSULATION
07 13 26-C	MOLDED SHEET DRAINAGE PANEL
07 21 00-A	SLAB PERIMETER RIGID INSULATION (R-15 FOR 24")
07 21 00-J	PACK FULL WITH MINERAL WOOL INSULATION
07 21 00-K	3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8)
07 21 00-L	3" THERMALLY ISOLATED COMPOSITE Z-GIRT INSULATION SYSTEM
07 21 00-N	MINERAL WOOL BATT INSULATION
07 27 26-A	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE
07 27 26-B	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE, EXTEND AROUND BLOCK TO UNDER WINDOW / PARAPET
07 31 13-A	ASPHALT SHINGLE ROOF
07 42 13-A	PRE-FINISHED METAL WALL PANEL
07 42 13-B	METAL WALL PANEL
07 42 13-C	METAL WALL PANEL - SOFFIT
07 42 13-E	FLASHING WITH DRIP EDGE
07 42 13-F	EXTRUDED TRIM BY MFR
07 42 13-G	THROUGH WALL FLASHING WITH PERFORMED METAL DRIP EDGE
07 54 19-A	POLYVINYL-CHLORIDE (PVC) MEMBRANE ROOFING SYSTEM
07 54 19-B	1/2" COVER BOARD
07 54 19-C	TAPERED POLYISO INSULATION BOARD
07 54 19-D	2 LAYERS OF 2" POLYISO INSULATION BOARD (TOTAL R-VALUE = 22.8)
07 54 19-E	MEMBRANE ROOFING-EXTEND OVER & ATTACH TO FRONT FACE OF PARAPET
07 54 19-F	1 1/2" POLYISO INSULATION BOARD
07 54 19-G	TERMINATION BAR, SET IN WATER CUT OFF MASTIC.
07 62 00-C	FASCIA CLADDING
07 62 00-J	DRIP EDGE
07 62 00-M	PRE-FINISHED METAL GUTTER
07 62 00-N	PREFINISHED METAL DOWNSPOUT
07 71 00-A	MANUFACTURED COPING
07 71 00-B	MANUFACTURED GRAVEL STOP
07 71 00-C	MANUFACTURED FASCIA CLADDING
07 71 00-D	MANUFACTURED COUNTERFLASHING SYSTEM
07 71 00-E	MANUFACTURED GUTTER
07 71 00-F	MANUFACTURED DOWNSPOUT
07 71 00-H	MANUFACTURED DRIP EDGE
07 71 29-A	MANUFACTURED ROOF EXPANSION JOINT ASSEMBLY
07 71 29-B	MANUFACTURED ROOF TO WALL EXPANSION JOINT ASSEMBLY
07 84 13-A	PENETRATION FIRESTOPPING
07 92 00-A	SEALANT
07 92 00-B	SEALANT EACH SIDE, TYPICAL
07 95 13.13-A	INTERIOR EXPANSION JOINT COVER ASSEMBLY
07 95 13.16-A	EXTERIOR EXPANSION JOINT COVER ASSEMBLY
08 11 13-A	HOLLOW METAL DOOR/BORROWED LIGHT FRAME
08 11 13-B	HOLLOW METAL DOOR
08 14 16-A	FLUSH WOOD DOOR
08 33 13-A	OVERHEAD COILING COUNTER DOOR
08 33 13-B	OVERHEAD COILING COUNTER GRILLE
08 33 13-C	INSULATED COILING COUNTER DOOR
08 33 13-E	GUIDE
08 33 23-A	OVERHEAD COILING DOOR
08 33 23-J	BREAK METAL TO MATCH DOOR GUIDE FINISH
08 33 23-K	OVERHEAD COILING DOOR WITH INTEGRATED PASS DOOR
08 41 13-A	4 1/2" ALUMINUM-FRAMED STOREFRONT
08 41 13-B	WIDE STYLE ALUMINUM ENTRANCE DOOR
08 41 13-C	ALUMINUM BRAKE METAL TO MATCH STOREFRONT FRAME
08 44 13-A	7 1/2" DEEP ALUMINUM CURTAINWALL SYSTEM
08 44 13-C	CURTAINWALL ATTACHMENT MEMBER, ALLOW FOR THERMAL MOVEMENT
08 44 13-D	ALUMINUM BREAKMETAL TO MATCH CURTAINWALL FRAME
08 44 13-F	10" DEEP ALUMINUM CURTAINWALL SYSTEM
08 80 00-A	GLAZING - SEE SCHEDULE/ELEVATIONS
08 80 00-B	SPANDREL PANEL - SEE SCHEDULE/ELEVATIONS
08 91 19-A	FIXED LOUVER
09 22 16-D	7/8" FURRING CHANNEL
09 22 16-G	2 1/2" STEEL STUD
09 22 16-H	3 5/8" STEEL STUD
09 22 16-K	6" STEEL STUD
09 29 00-B	5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE)
09 29 00-D	SOUND ATTENUATION INSULATION
09 29 00-E	SUSPENDED GYPSUM BOARD CEILING ASSEMBLY
09 51 13-A	ACOUSTICAL CEILING SUSPENSION ASSEMBLY
09 51 13-C	SUSPENDED CEILING METAL EDGE TRIM
09 82 00-A	SOUND DIFFUSIVE WOOD UNITS
10 14 23-A	PANEL SIGNAGE
10 82 00-A	ROOF AND WALL SCREENS
12 24 13	
12 24 13-A	ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE
14 24 00-D	PIT LADDER
31 20 00-C	DRAINING GRANULAR FILL
32 13 16-A	SIDEWALK- SEE LANDSCAPE SHEETS
32 31 13-A	CHAIN-LINK FENCE- SEE LANDSCAPE SHEETS
32 31 19-A	ORNAMENTAL FENCE- SEE LANDSCAPE SHEETS

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

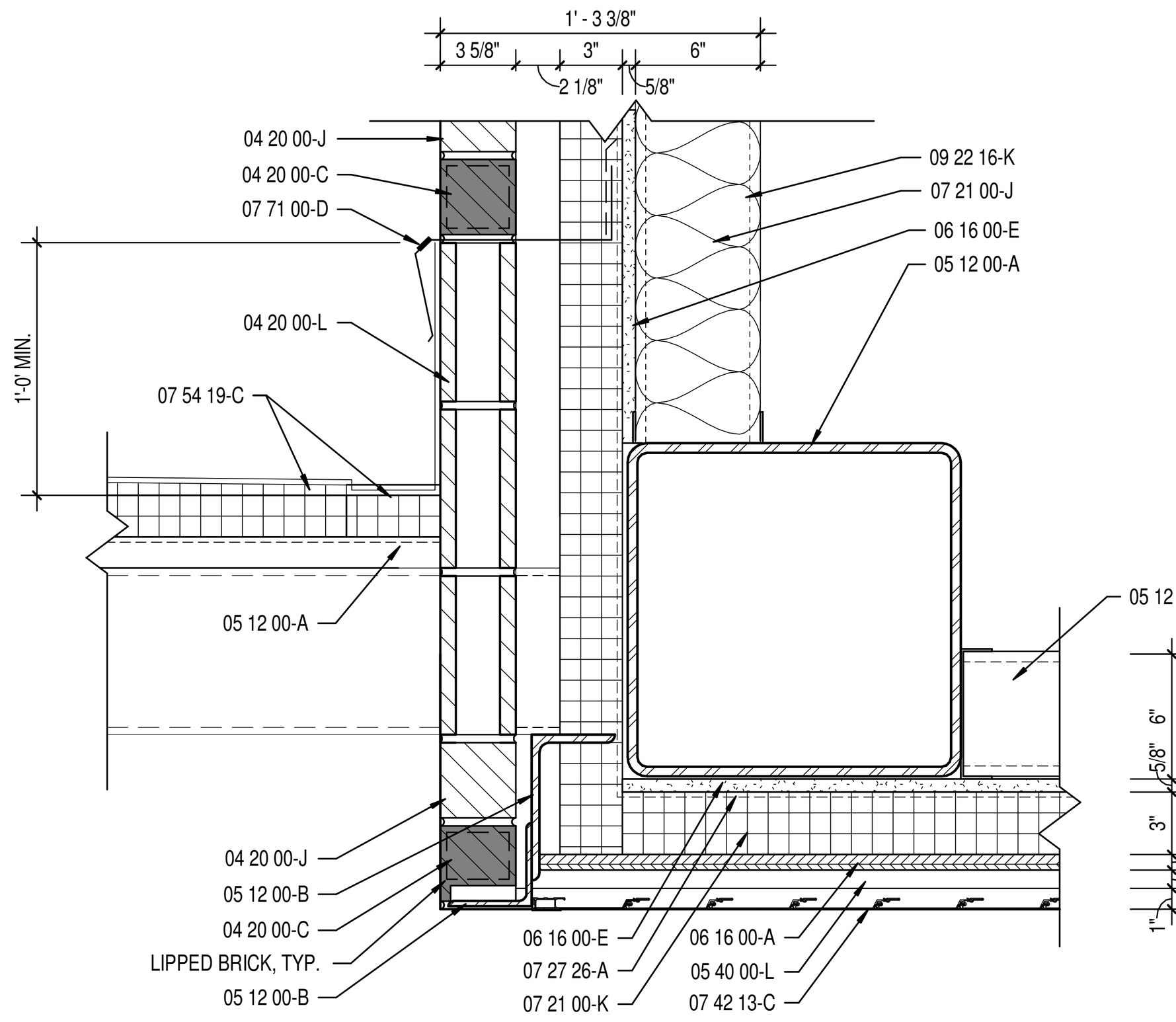
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
SECTION DETAILS

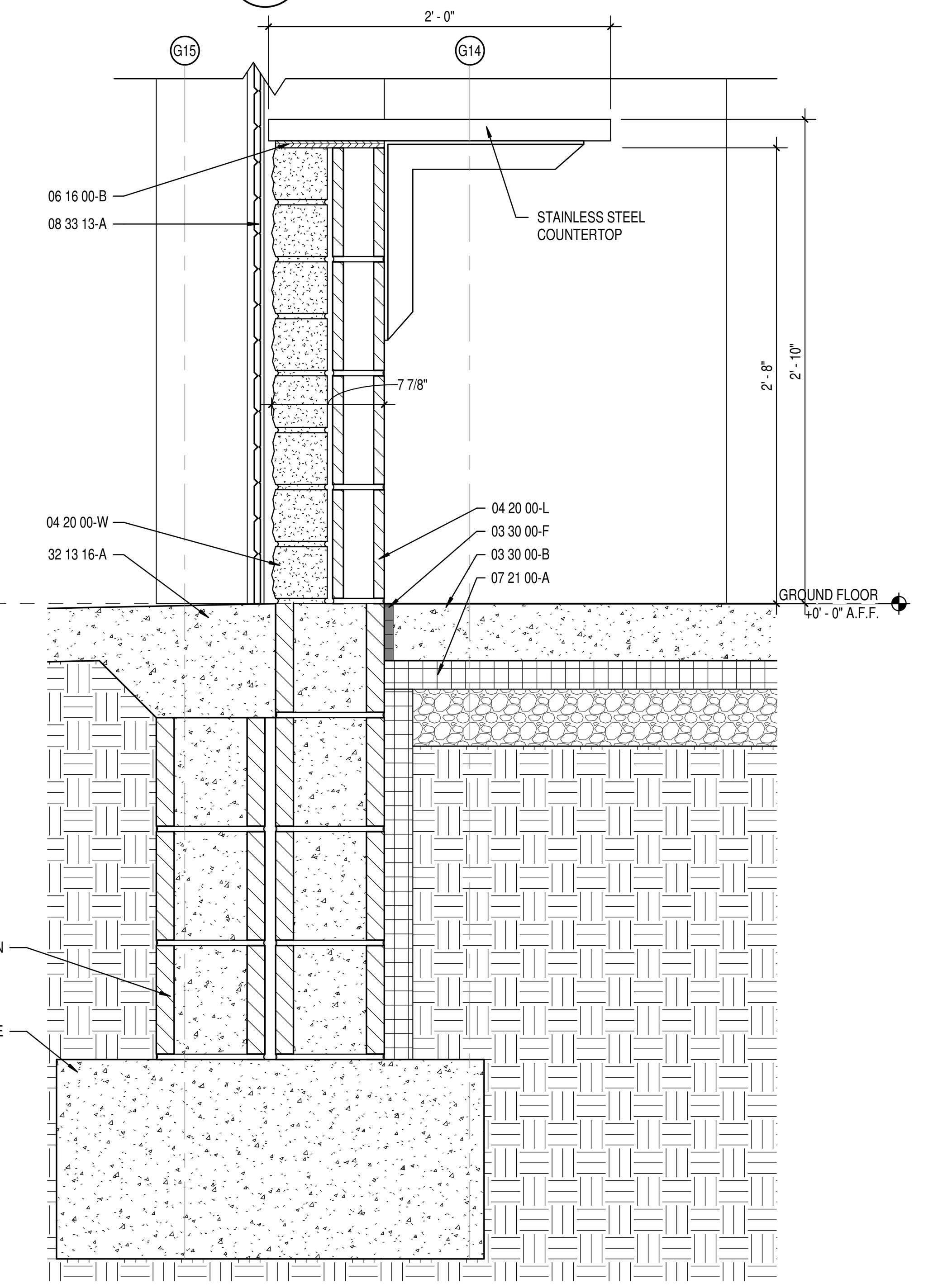
CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A432

PROJECT NUMBER
2023061



13 SECTION DETAIL
A433 SCALE: 1 1/2" = 1'-0"



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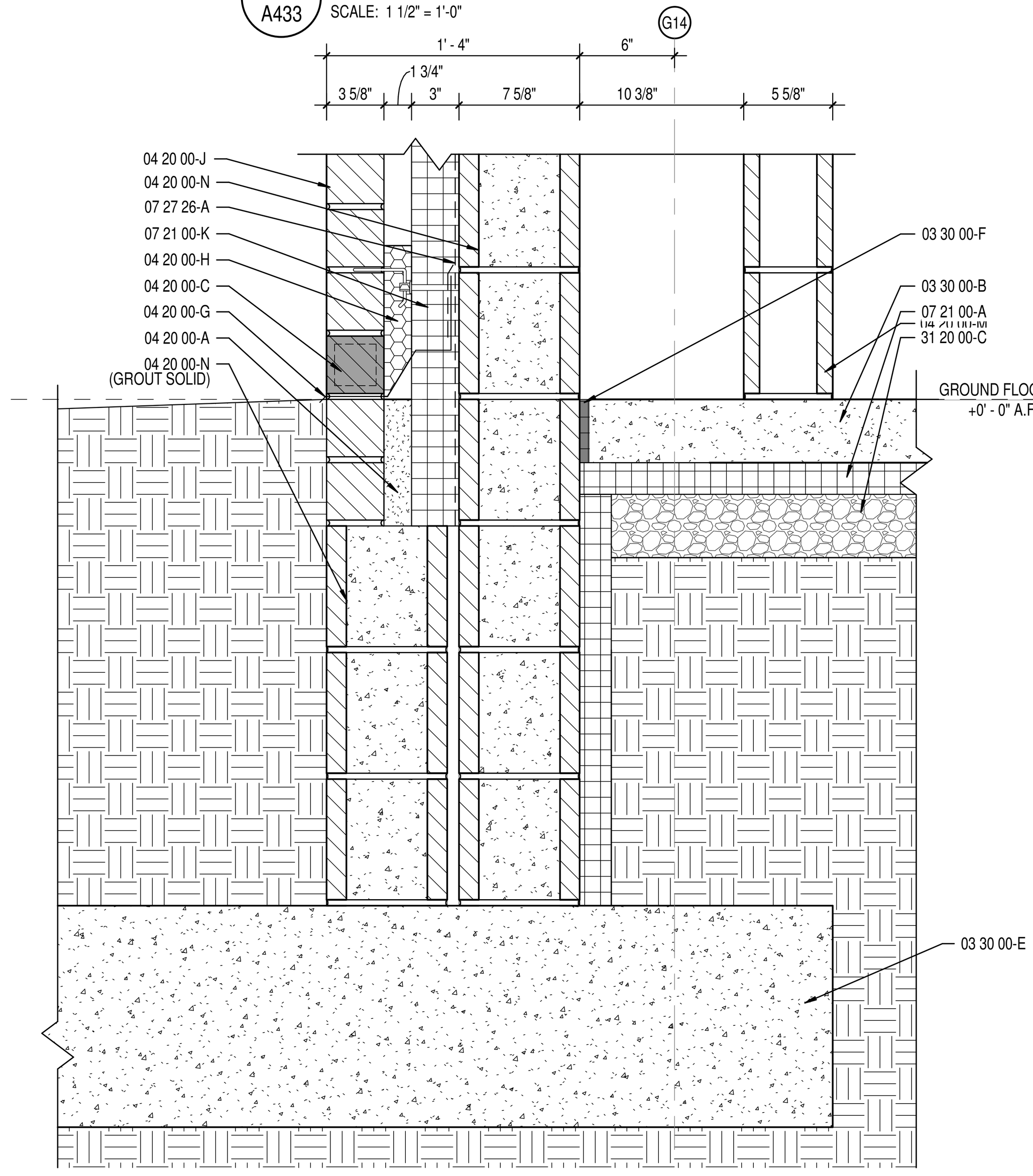

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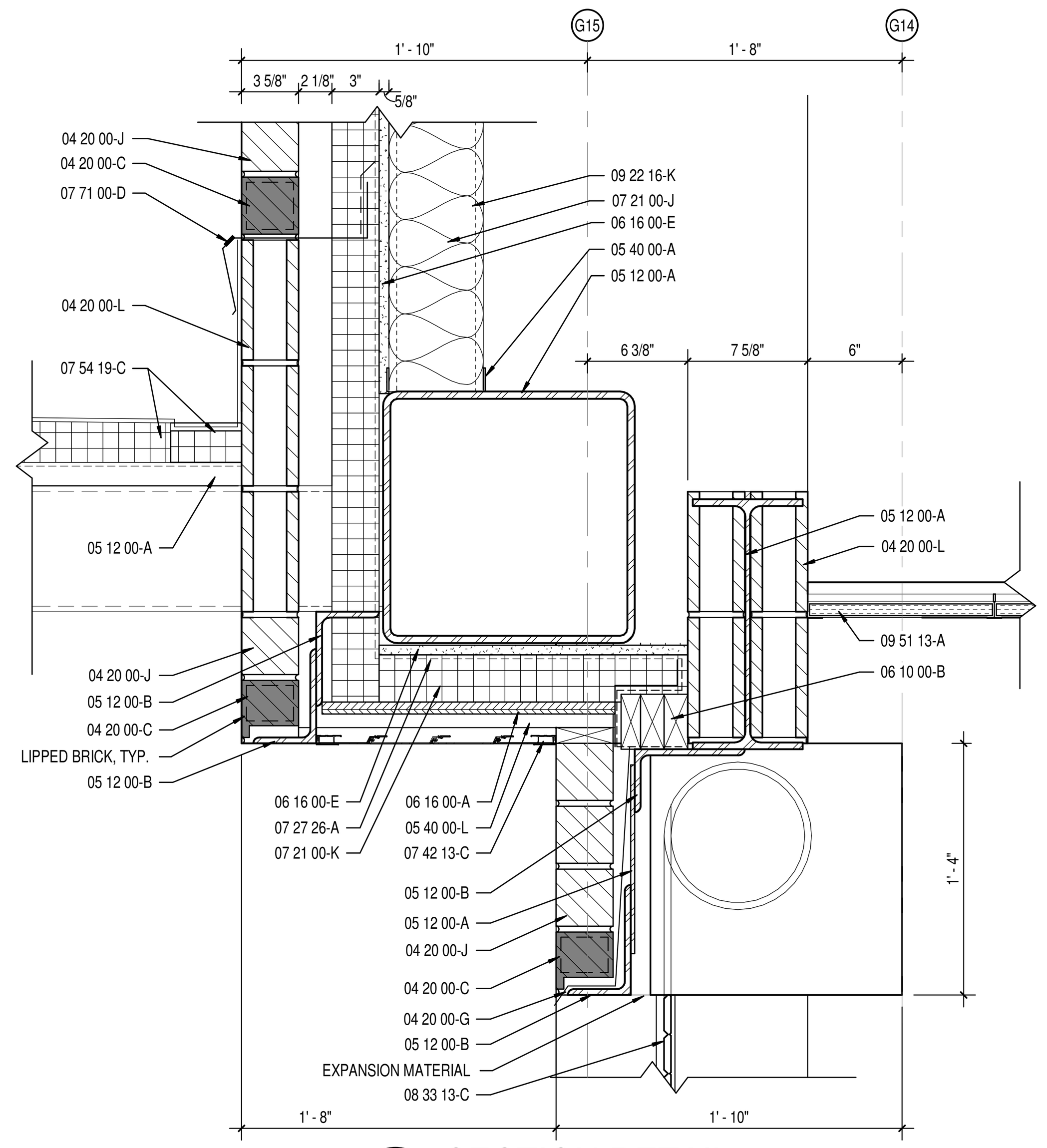

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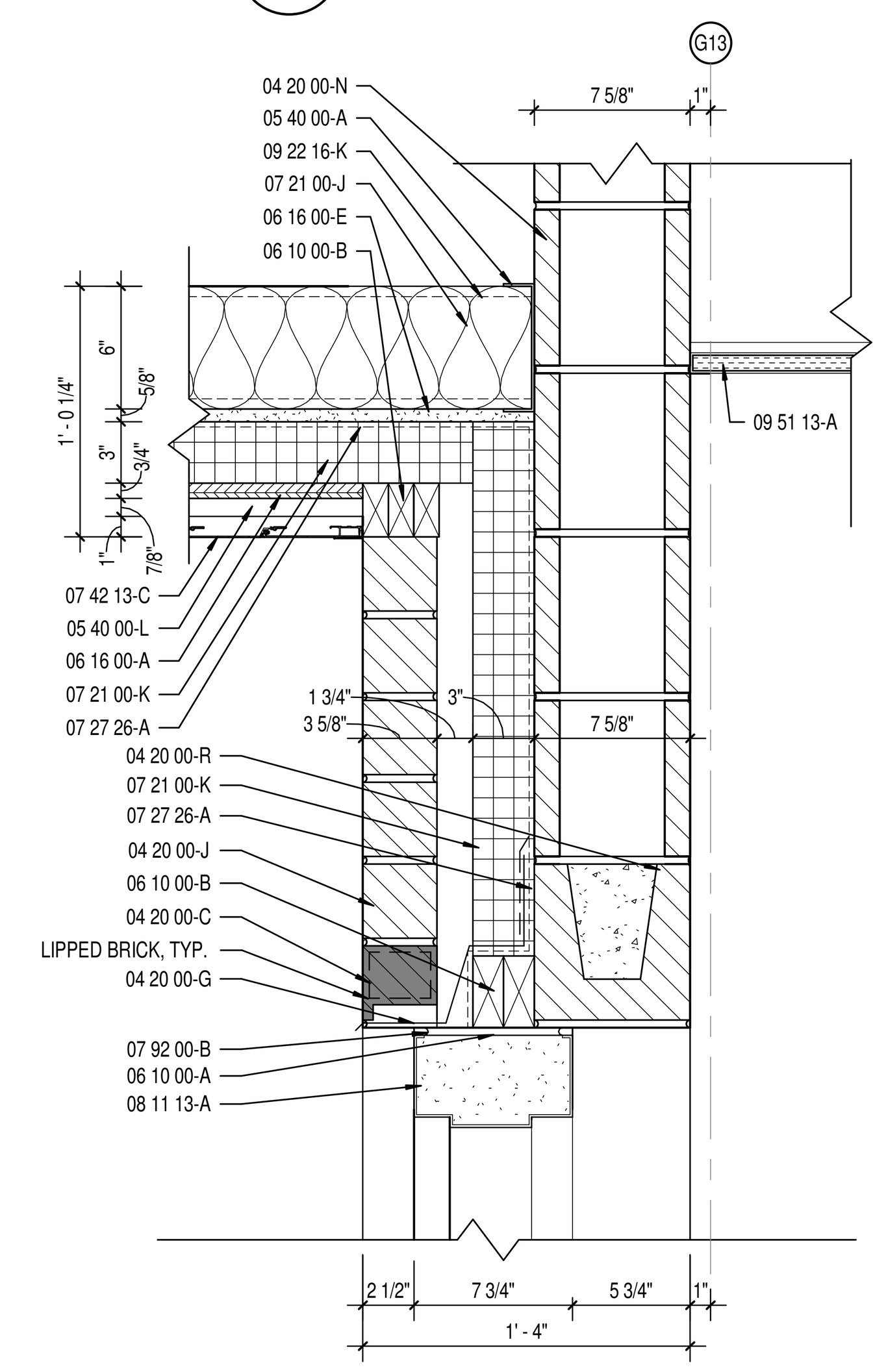

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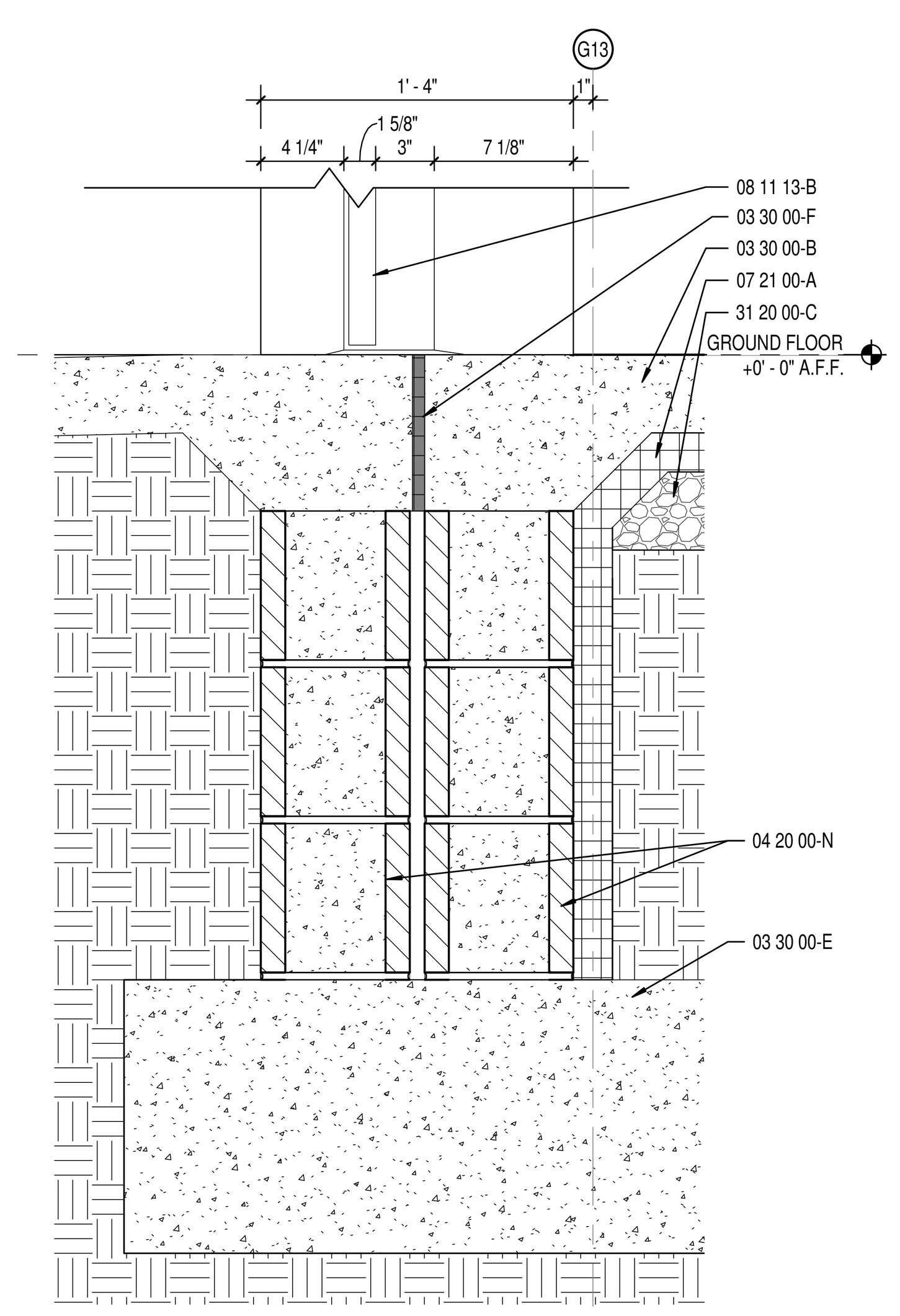

8 SECTION DETAIL
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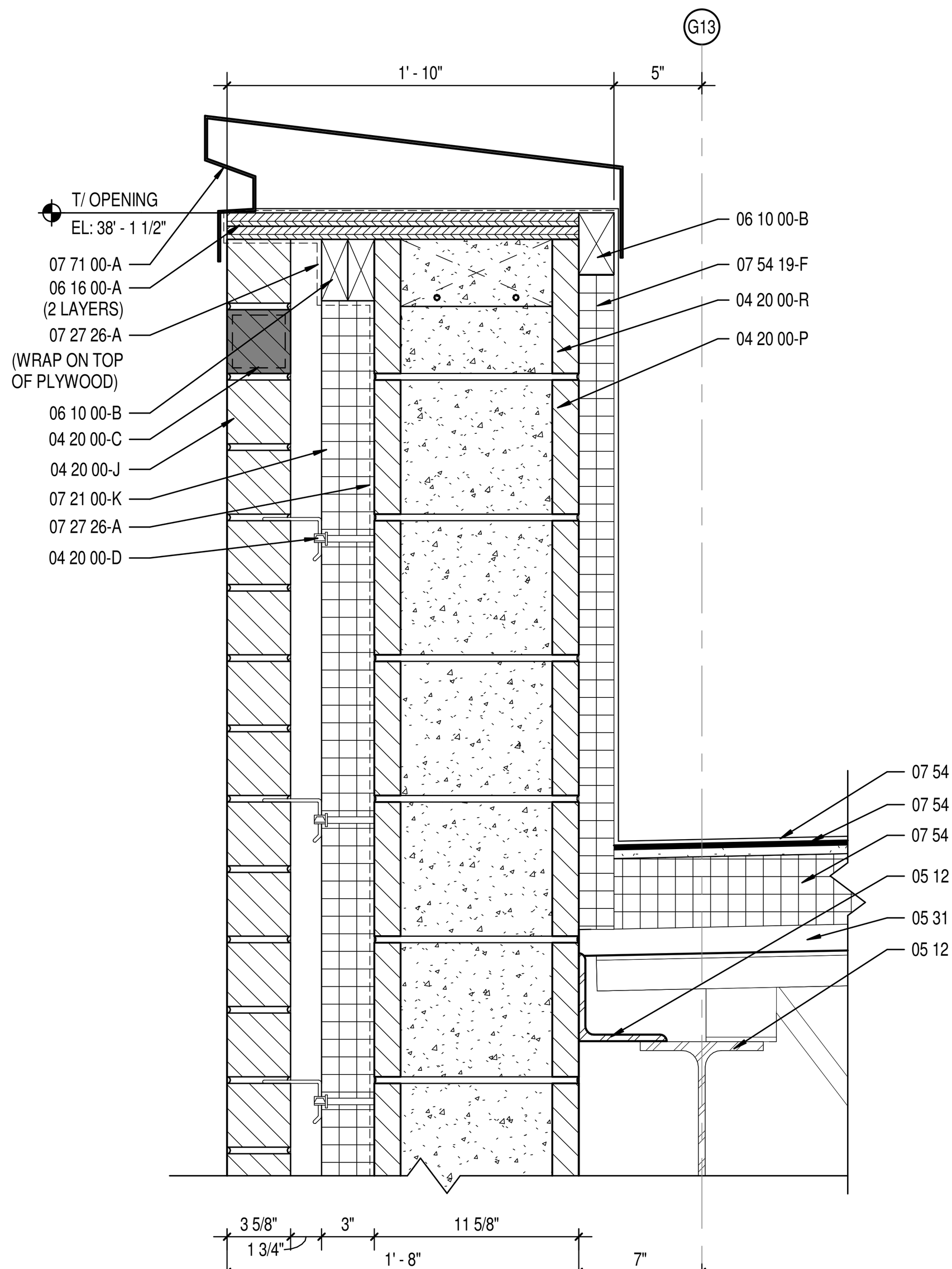

7 SECTION DETAIL
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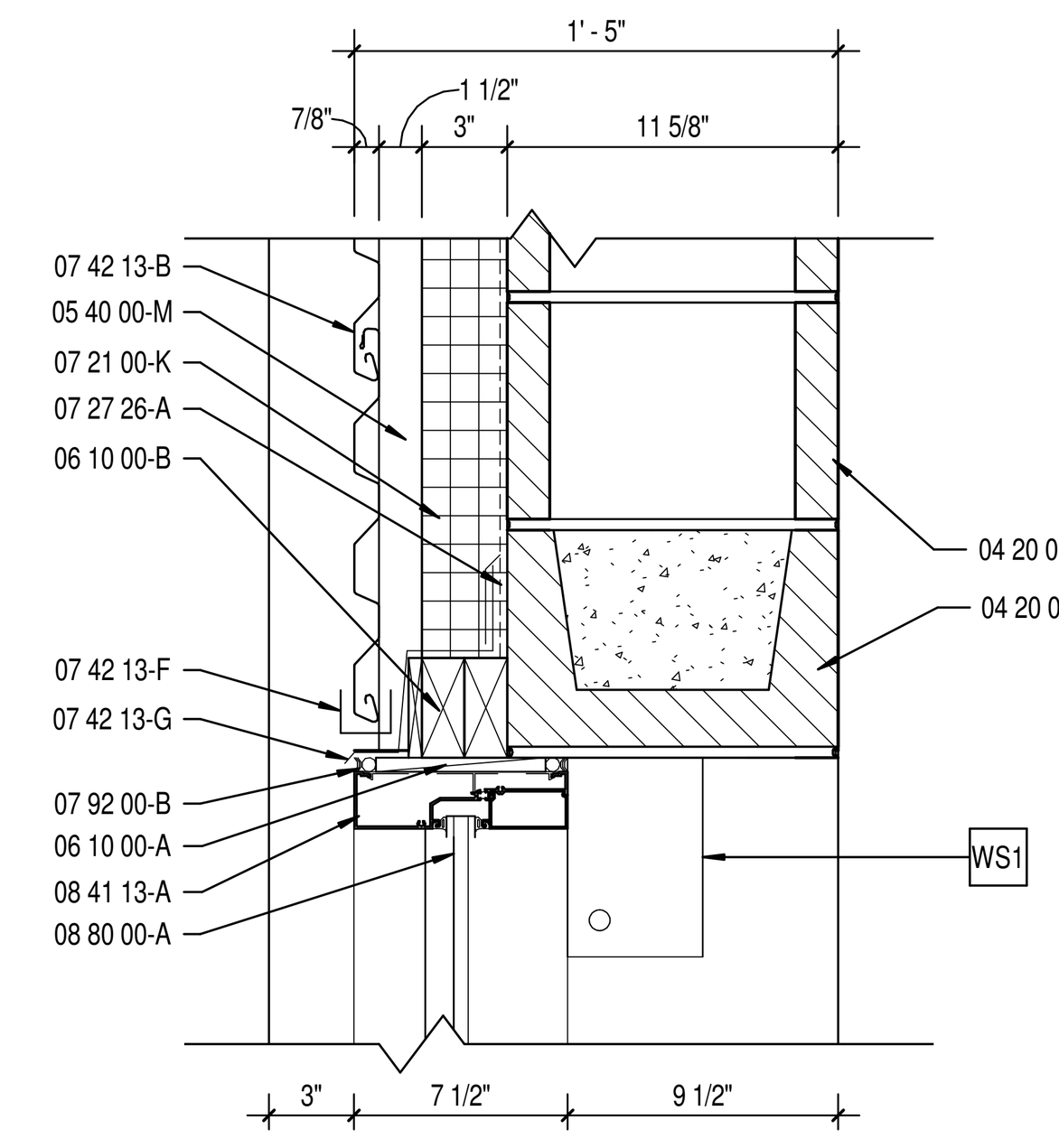
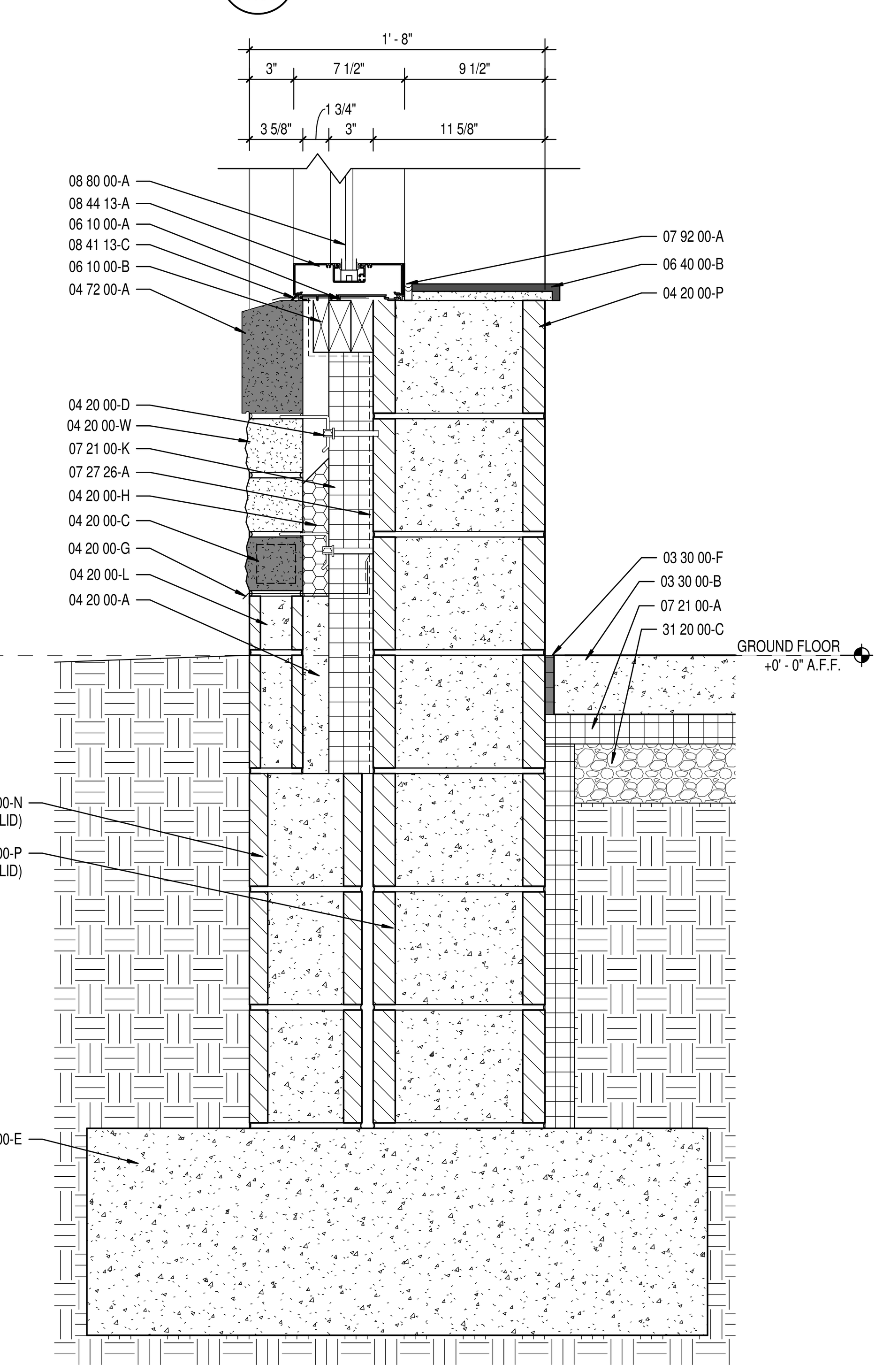


6 SECTION DETAIL
A433 SCALE: 1 1/2" = 1'-0"



5 SECTION DETAIL
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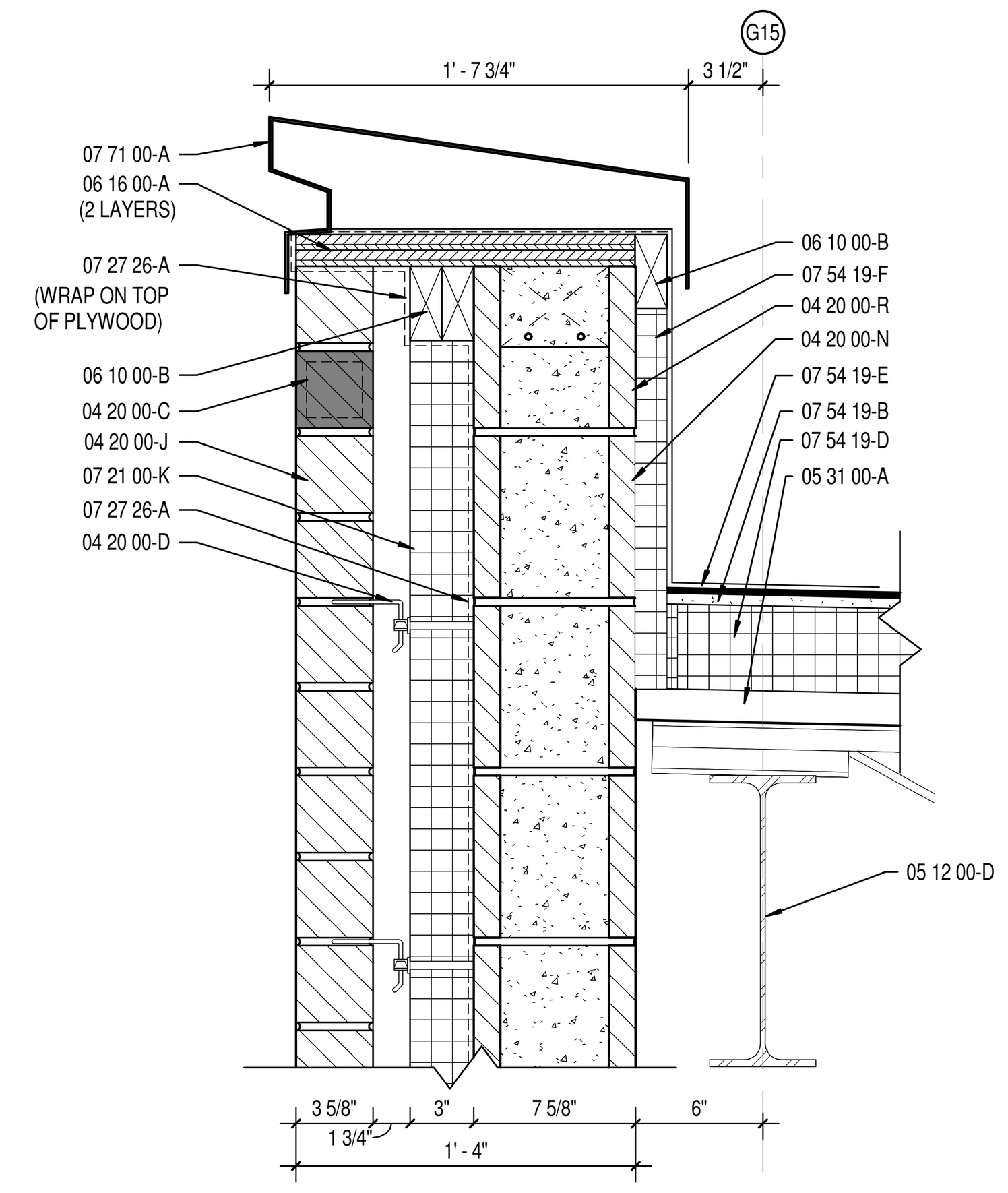

4 SECTION DETAIL
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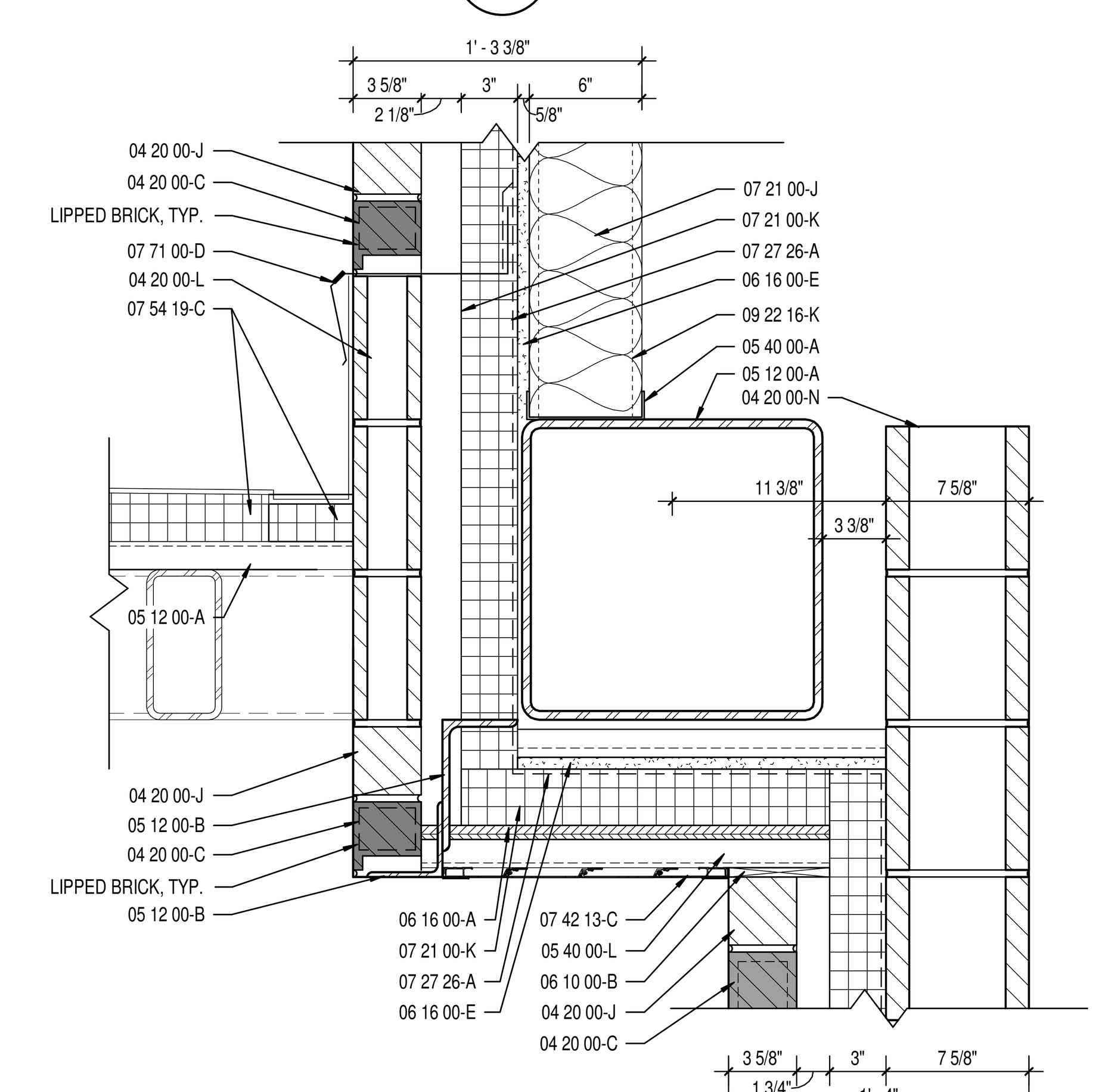

3 SECTION DETAIL
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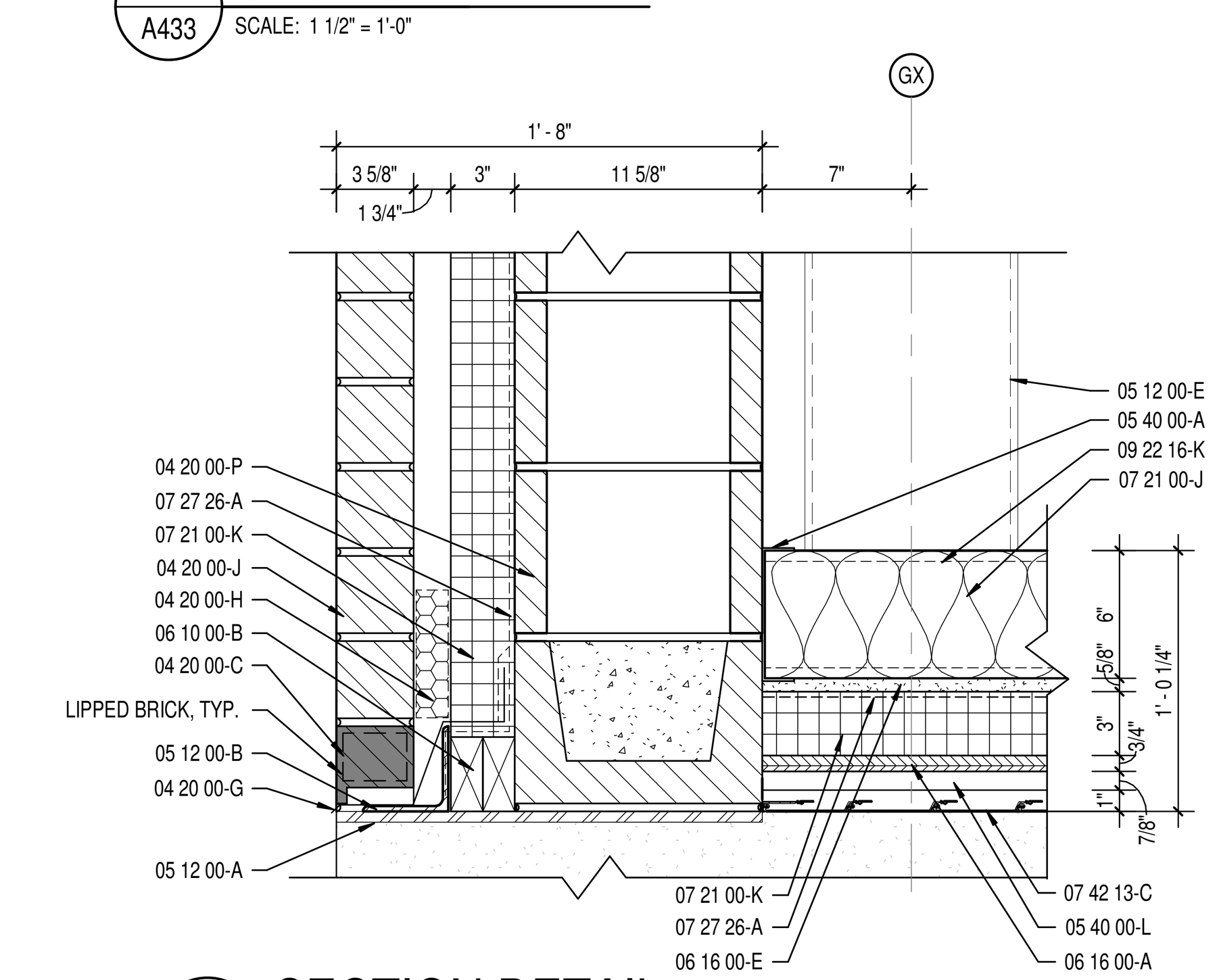
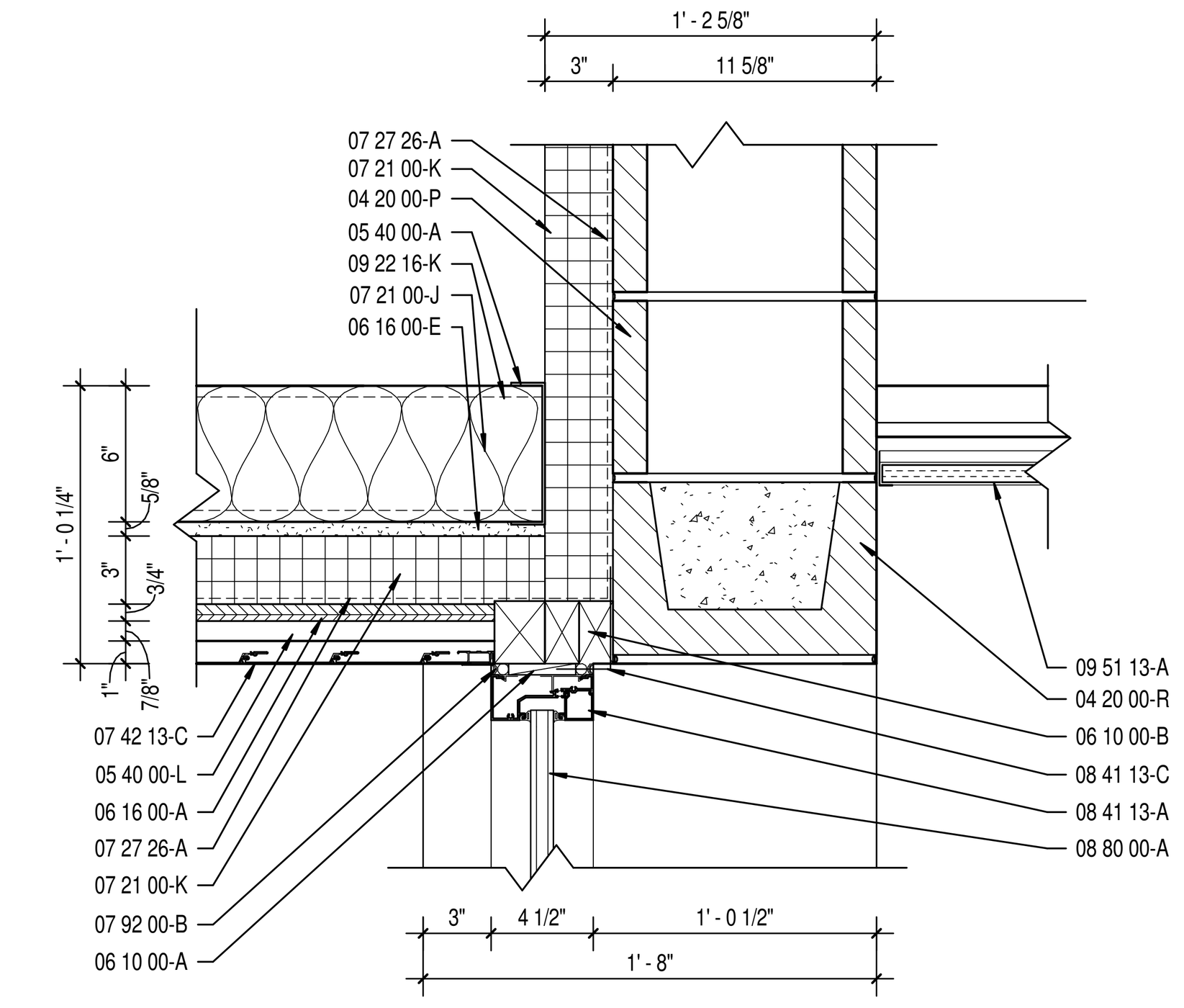


2 SECTION DETAIL
A433 SCALE: 1 1/2" = 1'-0"



1 SECTION DETAIL
A433 SCALE: 1 1/2" = 1'-0"

KEYNOTE LEGEND

03 30 00-A	WATERSTOP
03 30 00-B	CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL
03 30 00-C	CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL
03 30 00-D	CONCRETE FOUNDATION- SEE STRUCTURAL
03 30 00-E	CONCRETE FOOTING- SEE STRUCTURAL
03 30 00-F	1/2" EXPANSION MATERIAL
04 20 00-A	GROUT CORE SOLID
04 20 00-B	MASONRY TIE
04 20 00-C	CELL WEEP VENTS @ 16" O.C.
04 20 00-D	ADJUSTIBLE MASONRY VENEER ANCHOR AT 16" O.C. VERTICALLY
04 20 00-F	METAL FLASHING
04 20 00-G	THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE
04 20 00-H	CAVITY DRAINAGE MATERIAL
04 20 00-J	BRICK TYPE 1 (WIRE CUT)
04 20 00-K	BRICK TYPE 2 (SMOOTH FACE)
04 20 00-K.1	BRICK TYPE 2 (SOLDIER COURSE) - SEE SIZE ON DRAWING 10/A430
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04 20 00-M	6" CONCRETE MASONRY UNIT
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04 20 00-Q	BULLNOSE UNIT
04 20 00-R	BOND BEAM MASONRY UNIT
04 20 00-S	DECORATIVE CMU (GROUND FACE)
04 20 00-T	ACOUSTICAL BLOCK
04 20 00-U	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, SMOOTH)
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04 20 00-W	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, ROUGH)
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04 72 00-B	CAST STONE
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05 12 00-B	STEEL ANGLE- SEE STRUCTURAL
05 12 00-C	STEEL BENT PLATE- SEE STRUCTURAL
05 12 00-D	STEEL BEAM- SEE STRUCTURAL
05 12 00-E	STEEL COLUMN - SEE STRUCTURAL
05 12 00-F	STEEL PLATE - SEE STRUCTURAL
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05 50 00-B	GALVANIZED STEEL BRICK LINTEL
05 50 00-E	PRE-MANUFACTURED ALUMINUM ACCESS LADDER
05 50 00-F	ELEVATOR HOIST BEAM- COORDINATE WITH ELEVATOR MANUFACTURER
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06 16 00-D	1/2" EXTERIOR GRADE PLYWOOD
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07 54 19-F	1 1/2" POLYISO INSULATION BOARD
07 54 19-G	TERMINATION BAR, SET IN WATER CUT OFF MASTIC.
07 62 00-C	FASCIA CLADDING
07 62 00-J	DRIP EDGE
07 62 00-M	PRE-FINISHED METAL GUTTER
07 62 00-N	PREFINISHED METAL DOWNSPOUT
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07 71 00-B	MANUFACTURED GRAVEL STOP
07 71 00-C	MANUFACTURED FASCIA CLADDING
07 71 00-D	MANUFACTURED COUNTERFLASHING SYSTEM
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07 71 00-H	MANUFACTURED DRIP EDGE
07 71 29-A	MANUFACTURED ROOF EXPANSION JOINT ASSEMBLY
07 71 29-B	MANUFACTURED ROOF TO WALL EXPANSION JOINT ASSEMBLY
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07 92 00-B	SEALANT EACH SIDE, TYPICAL
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07 95 13.16-A	EXTERIOR EXPANSION JOINT COVER ASSEMBLY
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08 33 13-B	OVERHEAD COILING COUNTER GRILLE
08 33 13-C	INSULATED COILING COUNTER DOOR
08 33 13-E	GUIDE
08 33 23-A	OVERHEAD COILING DOOR
08 33 23-J	BREAK METAL TO MATCH DOOR GUIDE FINISH
08 33 23-K	OVERHEAD COILING DOOR WITH INTEGRATED PASS DOOR
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08 44 13-D	ALUMINUM BREAKMETAL TO MATCH CURTAINWALL FRAME
08 44 13-F	10" DEEP ALUMINUM CURTAINWALL SYSTEM
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09 51 13-C	SUSPENDED CEILING METAL EDGE TRIM
09 82 00-A	SOUND DIFFUSIVE WOOD UNITS
10 14 23-A	PANEL SIGNAGE
10 82 00-A	ROOF AND WALL SCREENS
12 24 13	
12 24 13-A	ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE
14 24 00-D	PIT LADDER
31 20 00-C	DRAINING GRANULAR FILL
32 13 16-A	SIDEWALK- SEE LANDSCAPE SHEETS
32 31 13-A	CHAIN-LINK FENCE- SEE LANDSCAPE SHEETS
32 31 19-A	ORNAMENTAL FENCE- SEE LANDSCAPE SHEETS

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
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REVISIONS:

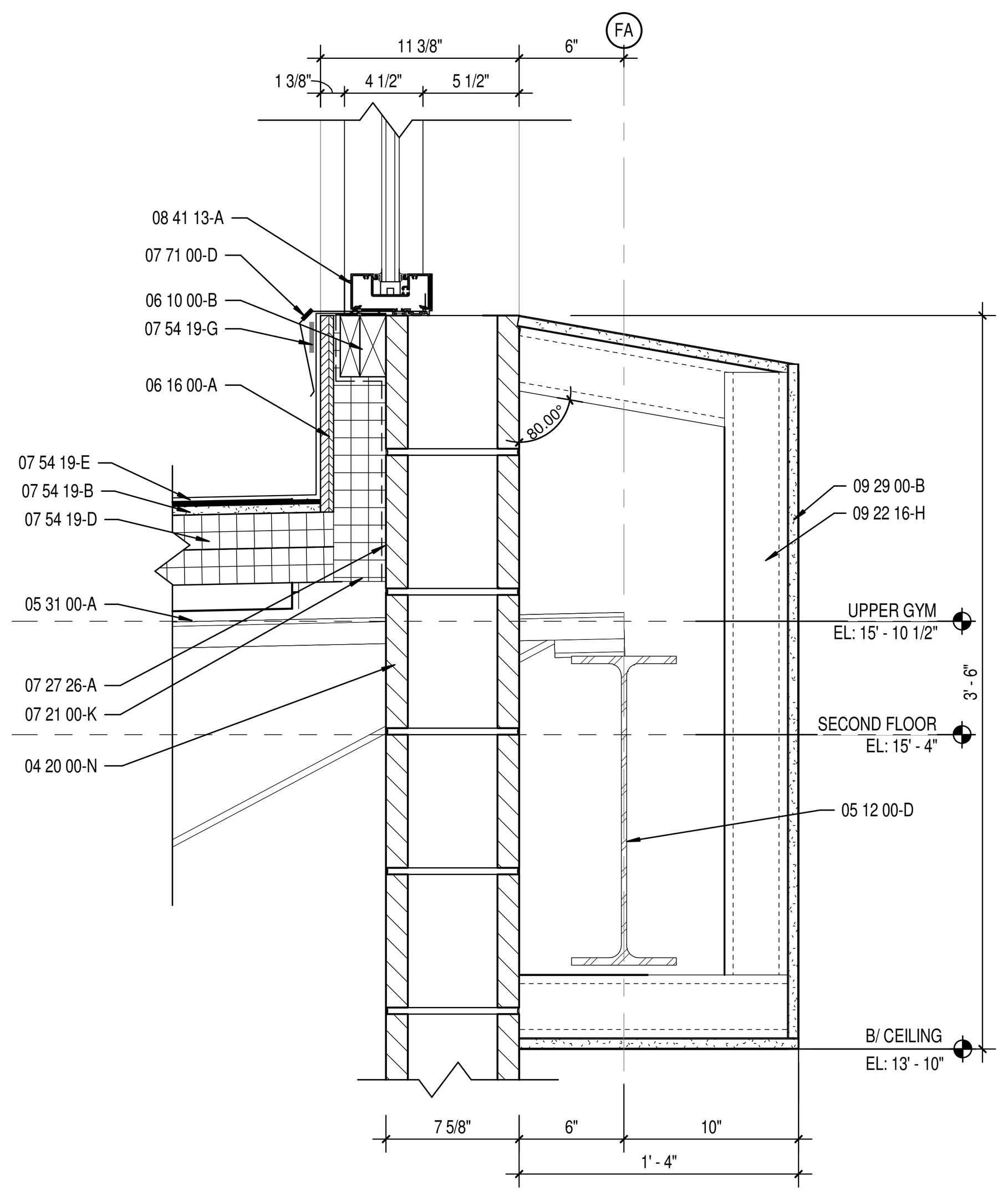
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
SECTION DETAILS

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A433

PROJECT NUMBER
2023061



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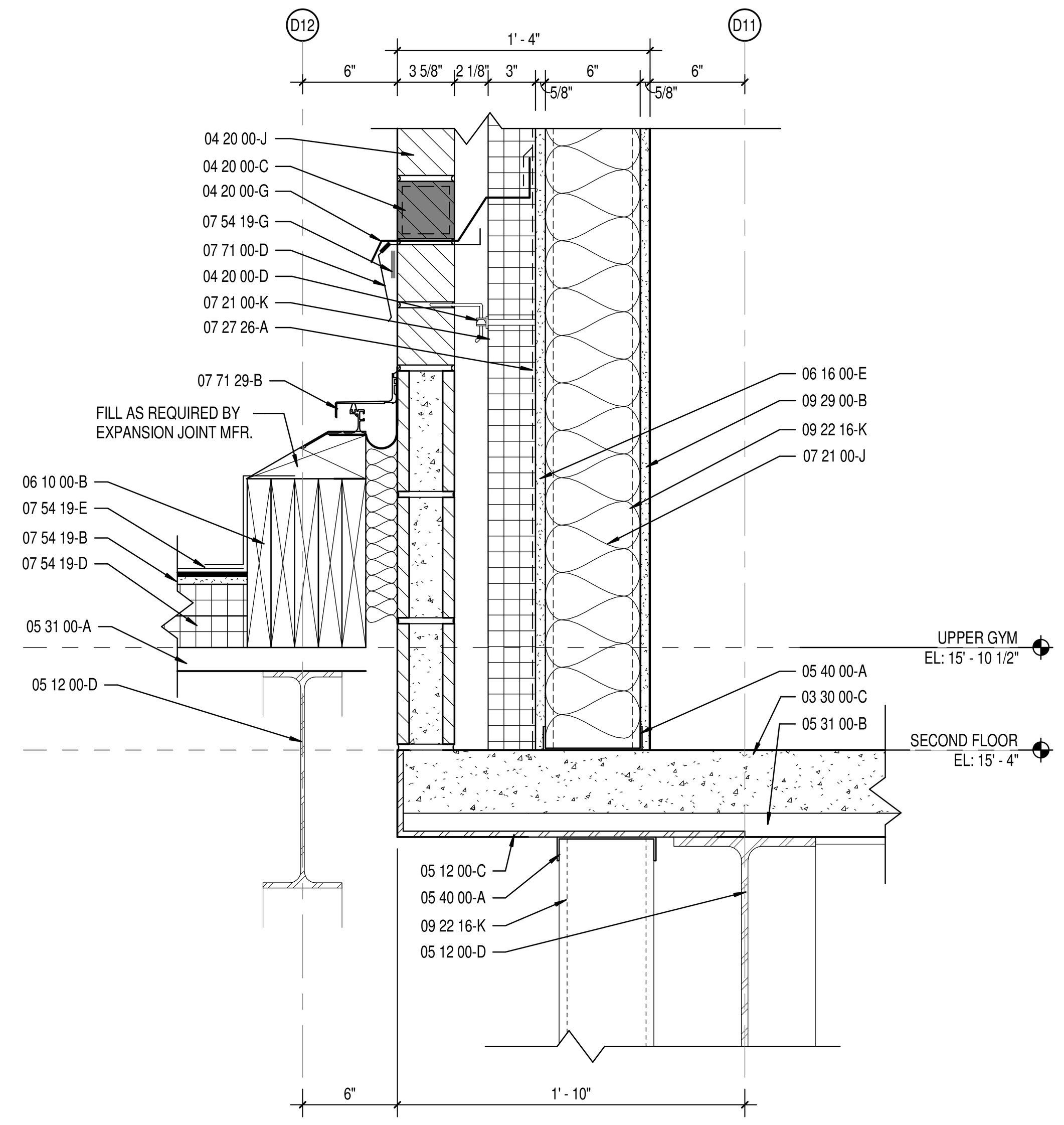

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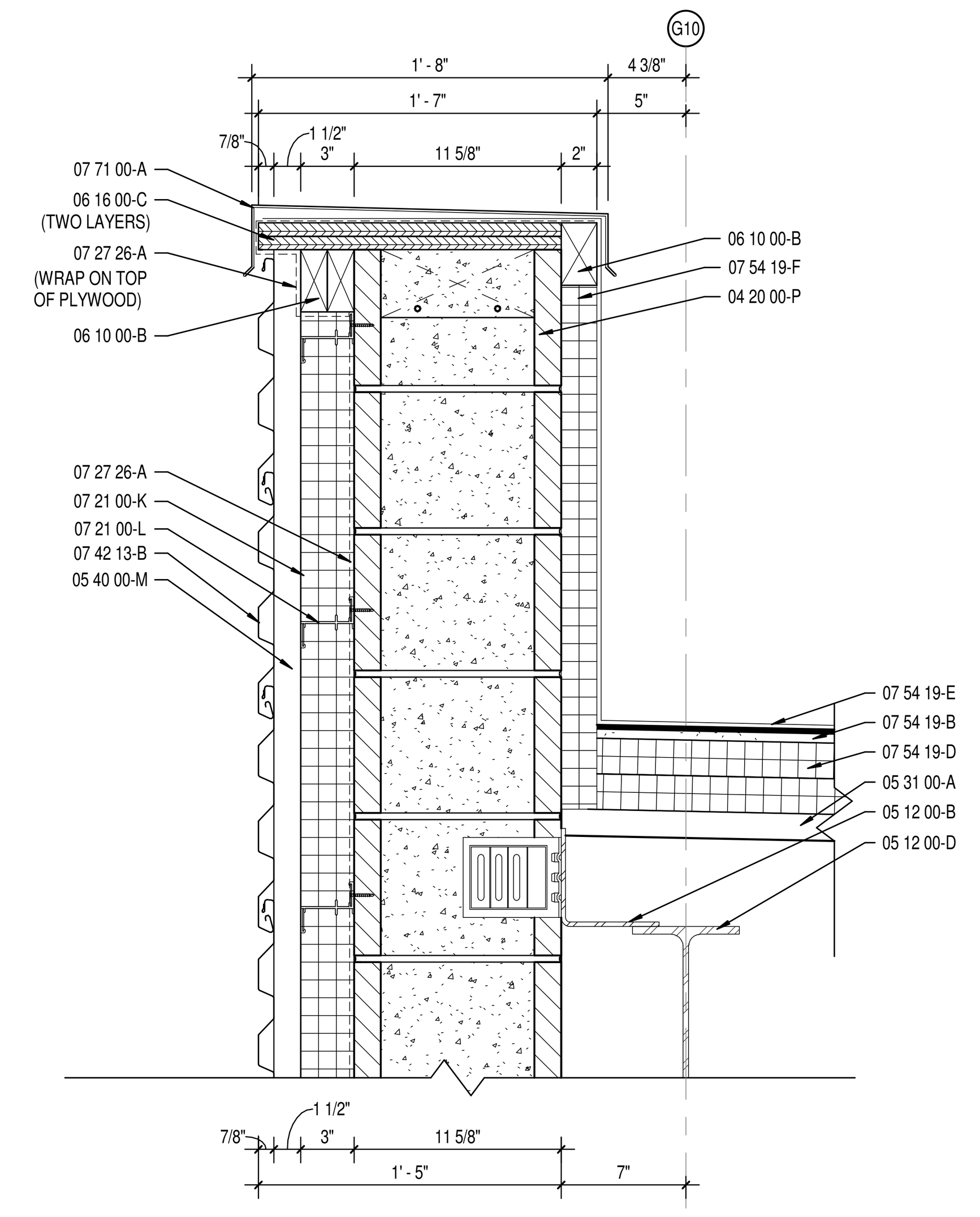

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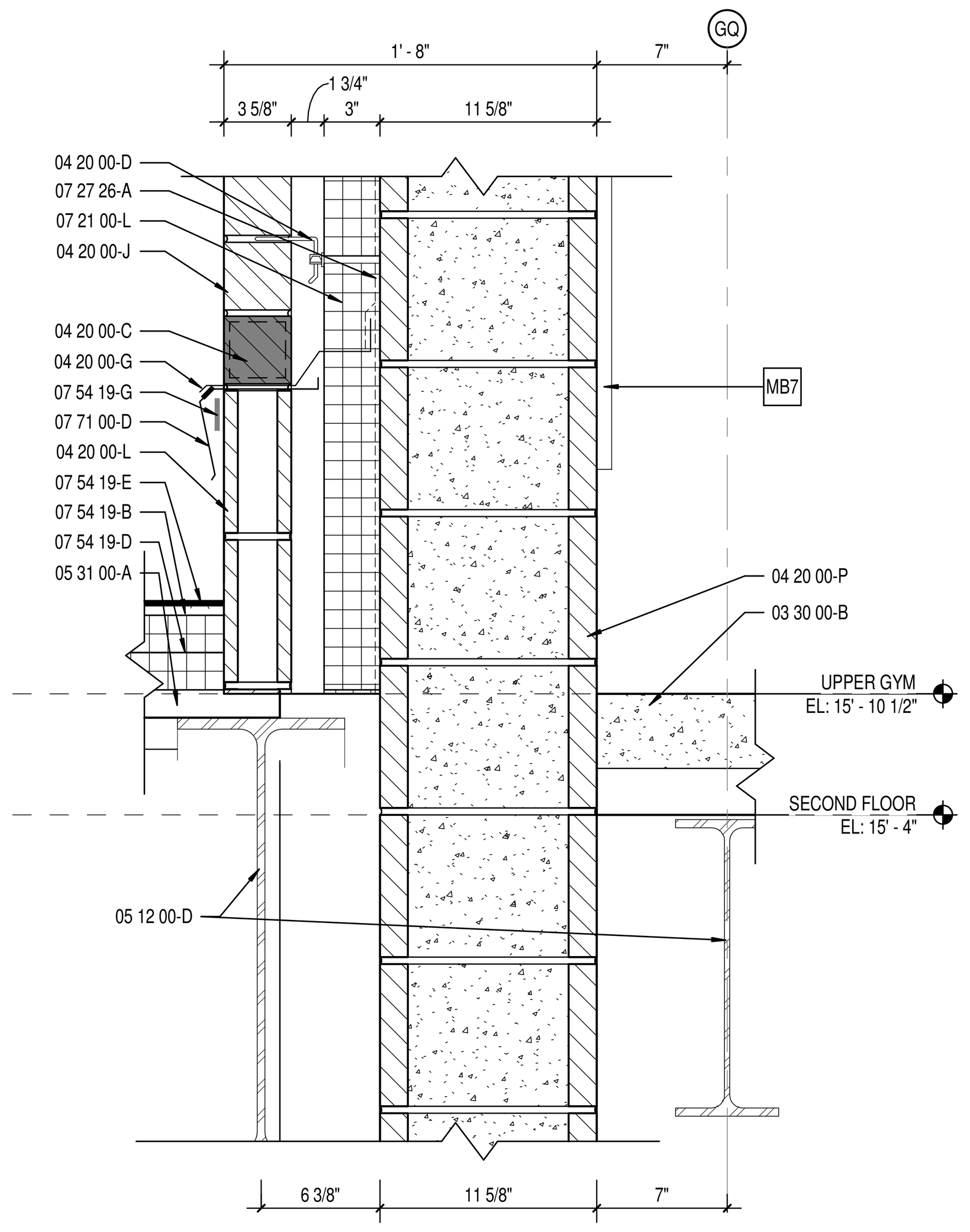

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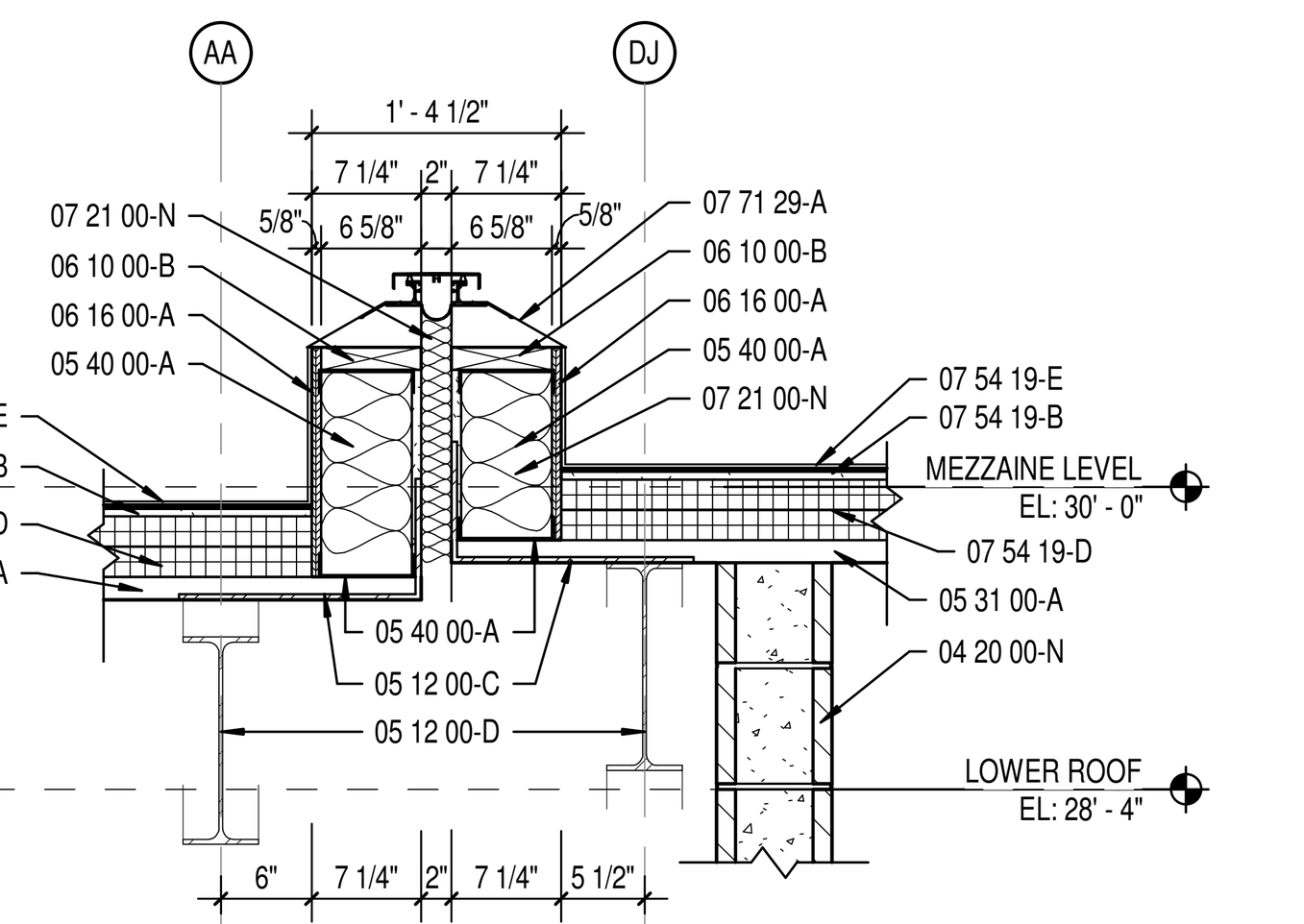

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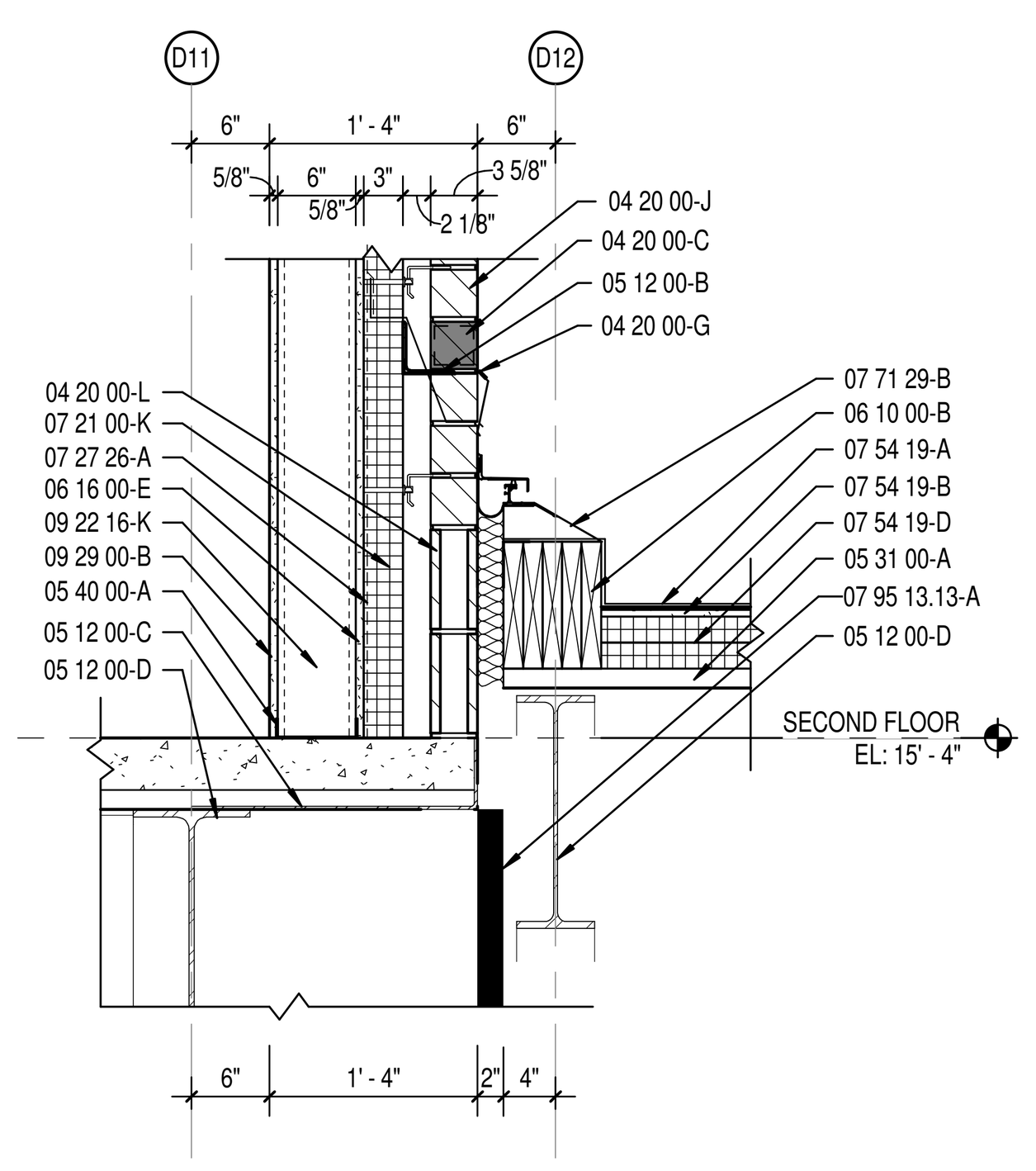

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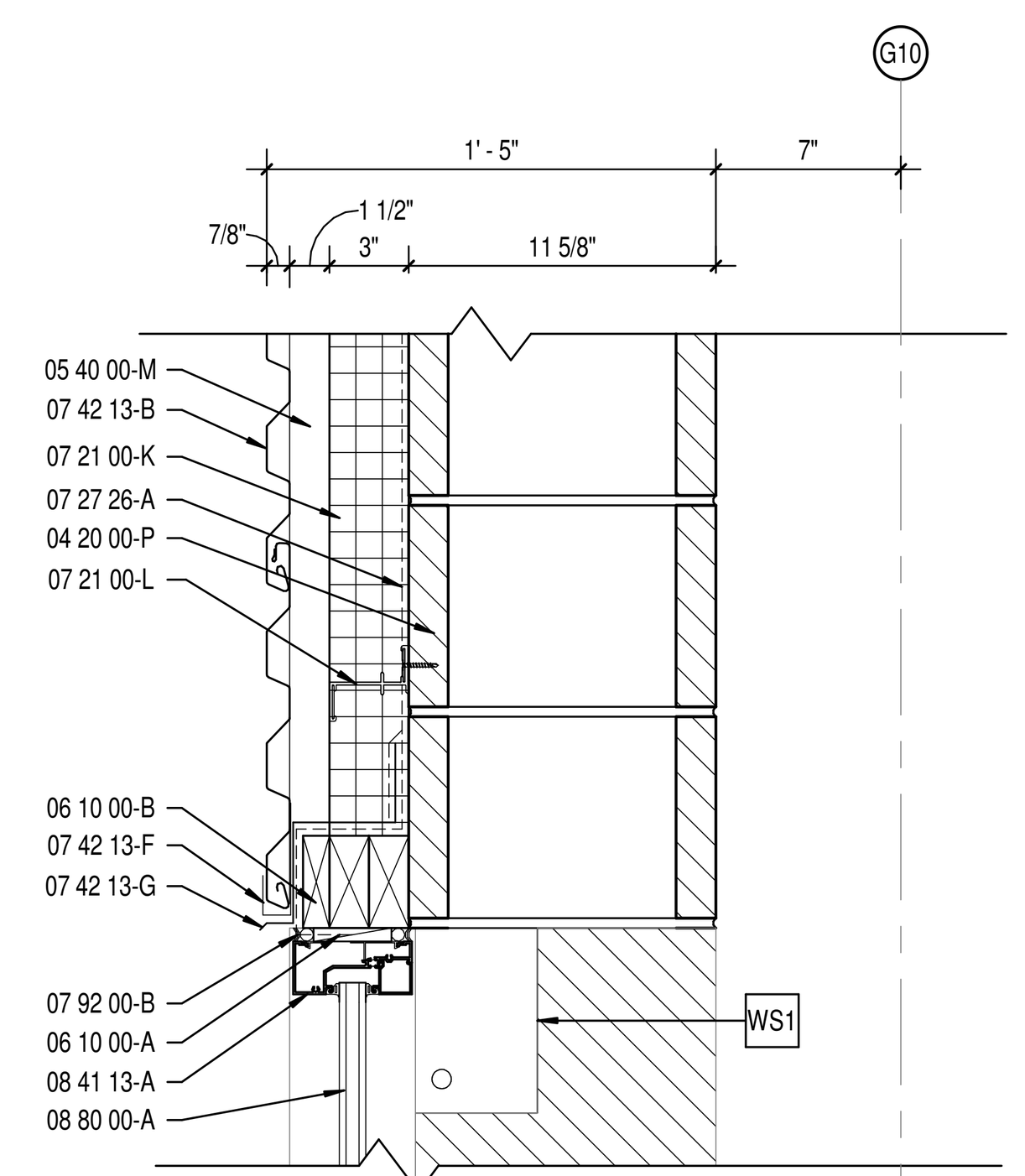

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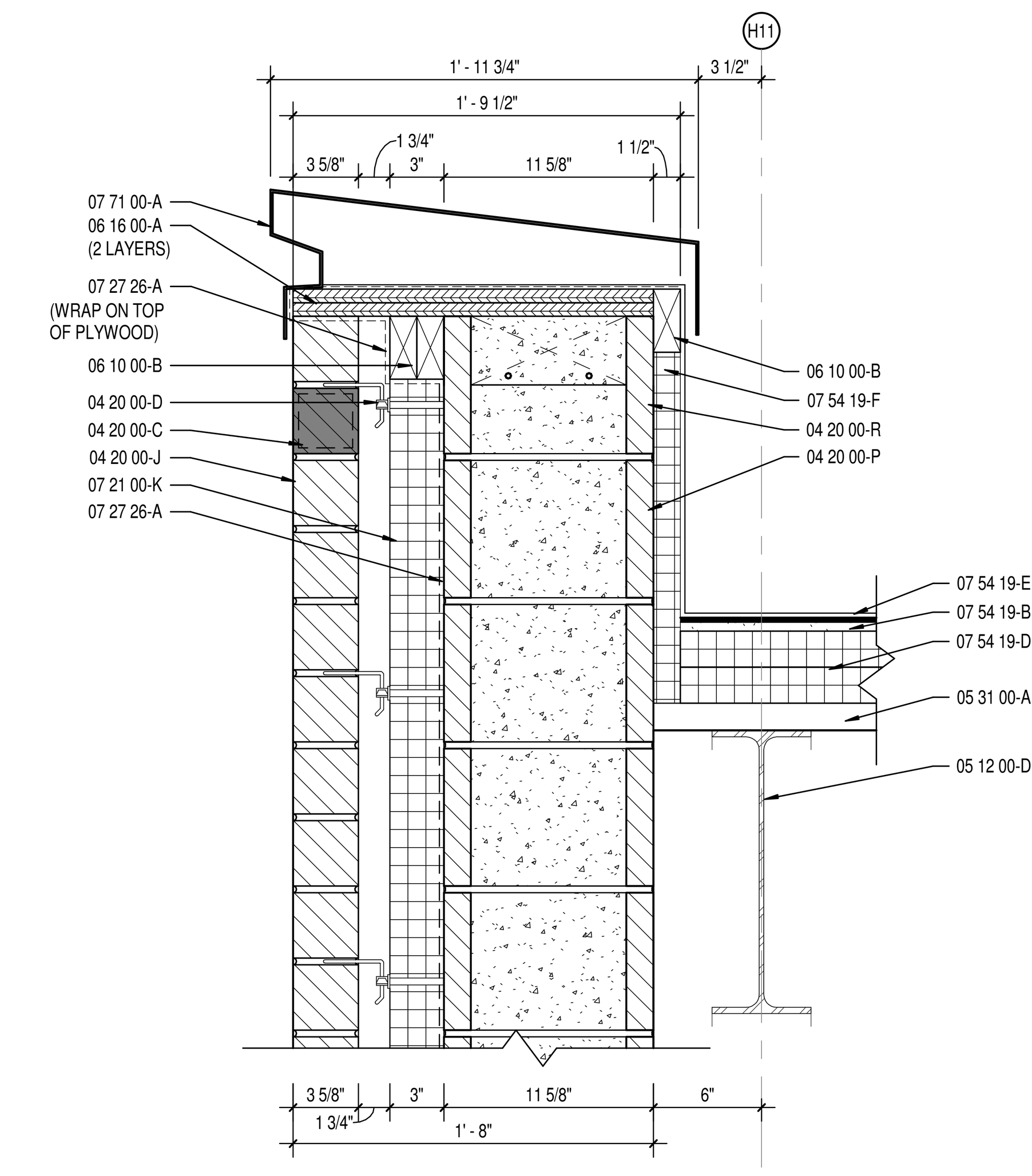

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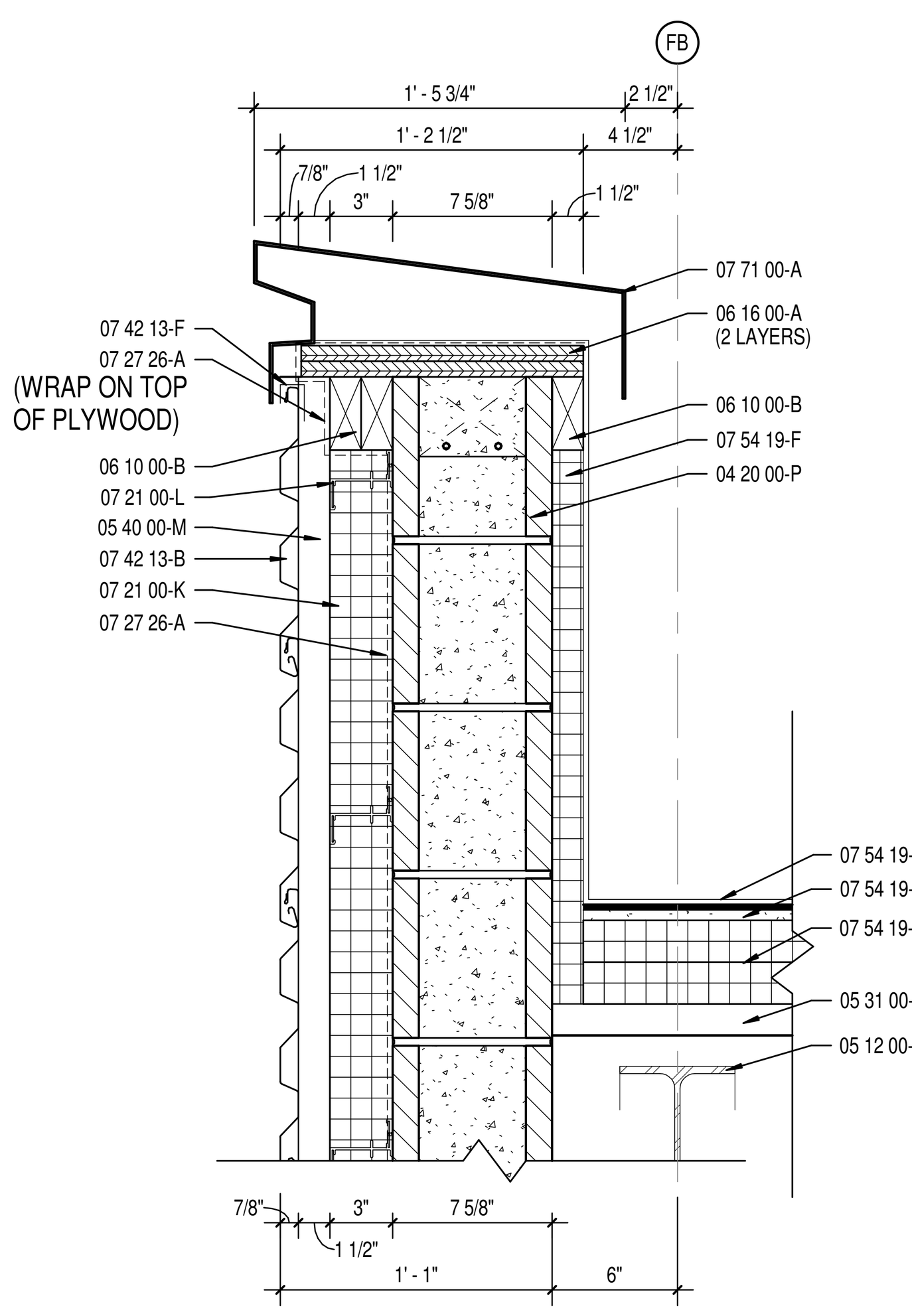

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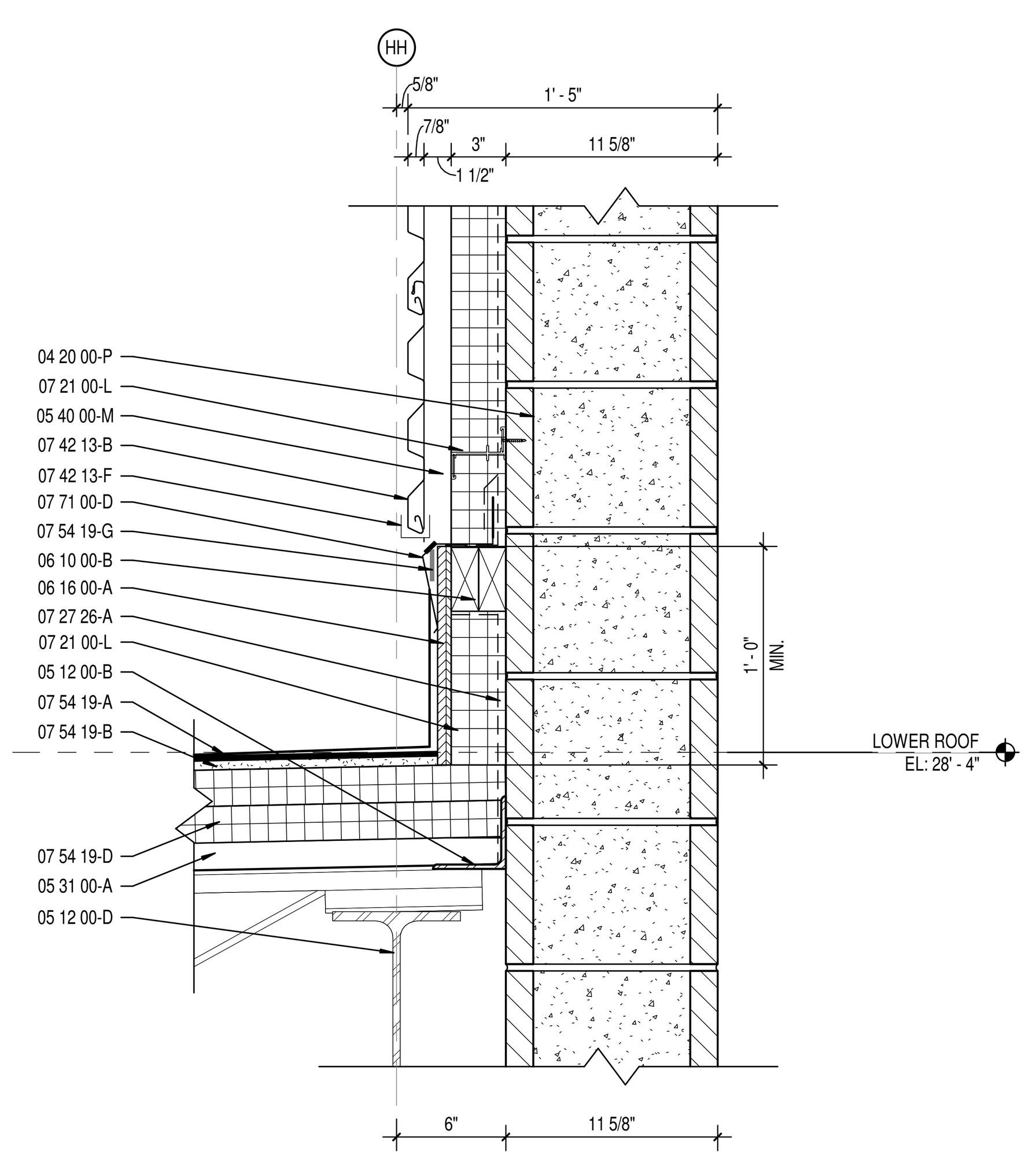

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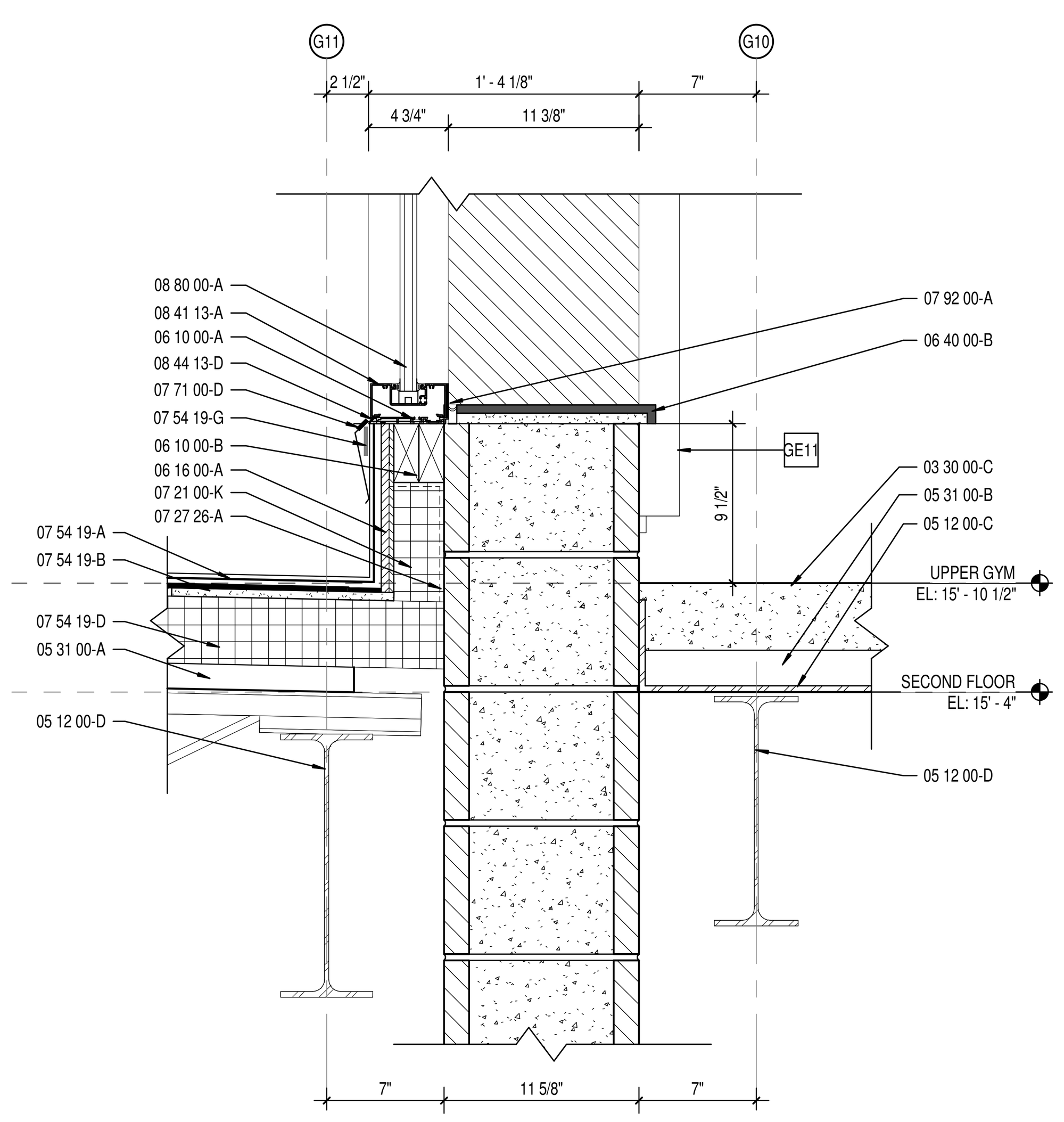

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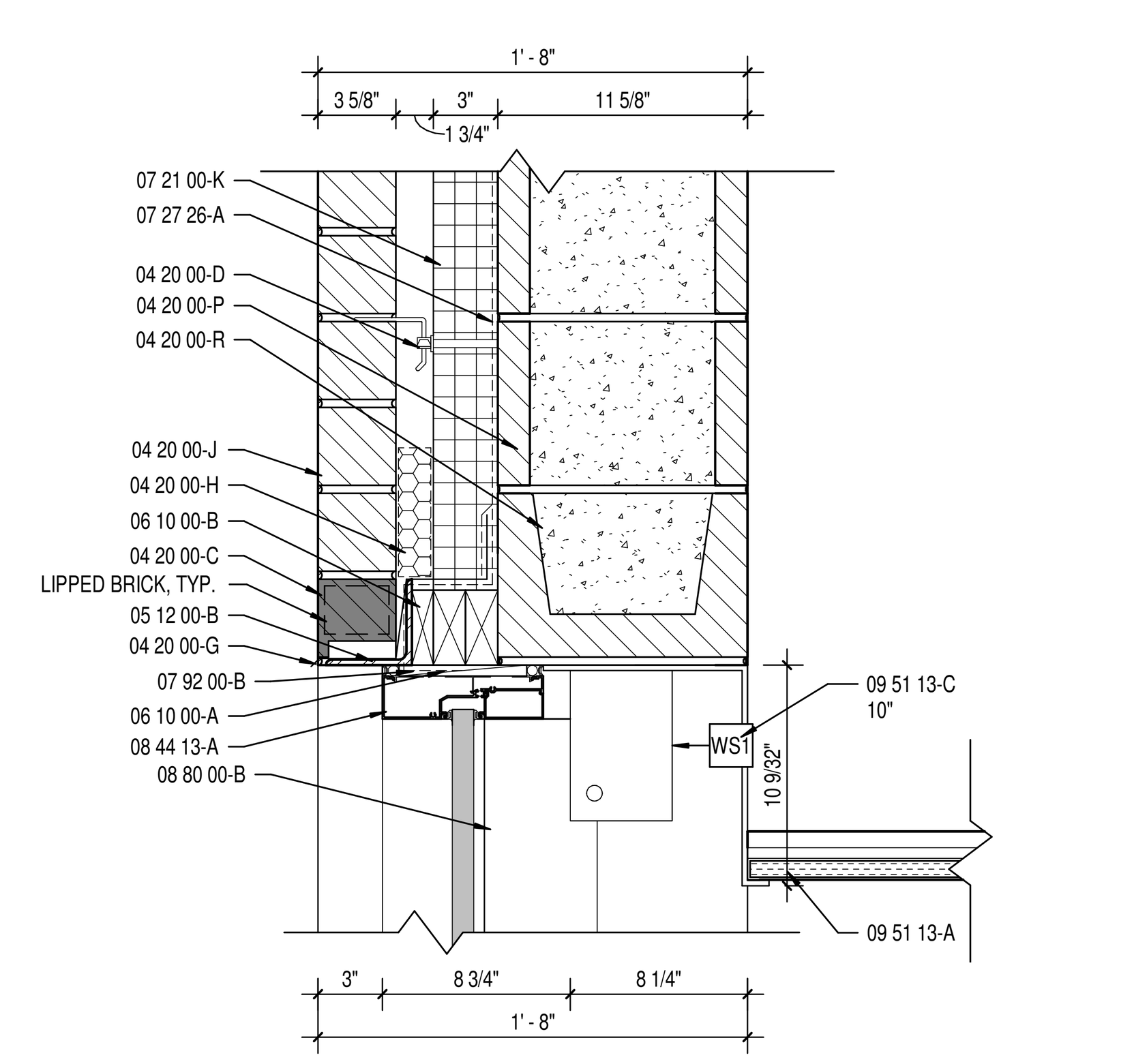

1 / A434 **SECTION DETAIL**
SCALE: 1 1/2" = 1'-0"

KEYNOTE LEGEND

03 30 00-A	WATERSTOP
03 30 00-B	CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL
03 30 00-C	CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL
03 30 00-D	CONCRETE FOUNDATION- SEE STRUCTURAL
03 30 00-E	CONCRETE FOOTING- SEE STRUCTURAL
03 30 00-F	1/2" EXPANSION MATERIAL
04 20 00-A	GROUT CORE SOLID
04 20 00-B	MASONRY TIE
04 20 00-C	CELL WEEP VENTS @ 16" O.C.
04 20 00-D	ADJUSTIBLE MASONRY VENEER ANCHOR AT 16" O.C. VERTICALLY
04 20 00-F	METAL FLASHING
04 20 00-G	THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE
04 20 00-H	CAVITY DRAINAGE MATERIAL
04 20 00-J	BRICK TYPE 1 (WIRE CUT)
04 20 00-K	BRICK TYPE 2 (SMOOTH FACE)
04 20 00-K.1	BRICK TYPE 2 (SOLDIER COURSE) - SEE SIZE ON DRAWING 10/A430
04 20 00-L	4" CONCRETE MASONRY UNIT
04 20 00-M	6" CONCRETE MASONRY UNIT
04 20 00-N	8" CONCRETE MASONRY UNIT
04 20 00-O	10" CONCRETE MASONRY UNIT
04 20 00-P	12" CONCRETE MASONRY UNIT
04 20 00-Q	BULLNOSE UNIT
04 20 00-R	BOND BEAM MASONRY UNIT
04 20 00-S	DECORATIVE CMU (GROUND FACE)
04 20 00-T	ACOUSTICAL BLOCK
04 20 00-U	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, SMOOTH)
04 20 00-V	CALCIUM SILICATE MASONRY UNIT (LARGE FORMAT, SMOOTH)
04 20 00-W	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, ROUGH)
04 20 00-X	4" GROUND FACE CONCRETE MASONRY UNIT
04 72 00-A	CAST STONE SILL - SEE SIZE ON DRAWING 10/A430
04 72 00-B	CAST STONE
05 12 00-A	STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL
05 12 00-B	STEEL ANGLE- SEE STRUCTURAL
05 12 00-C	STEEL BENT PLATE- SEE STRUCTURAL
05 12 00-D	STEEL BEAM- SEE STRUCTURAL
05 12 00-E	STEEL COLUMN - SEE STRUCTURAL
05 12 00-F	STEEL PLATE - SEE STRUCTURAL
05 21 00-A	STEEL JOIST- SEE STRUCTURAL
05 31 00-A	METAL ROOF DECKING- SEE STRUCTURAL
05 31 00-B	METAL FLOOR DECKING- SEE STRUCTURAL
05 40 00-A	6" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-B	2 1/2" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-C	3 5/8" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-D	6"x6" 10 GA. COLD FORMED STEEL ANGLE, CUT TO FIT. ATTACH JAMB TO HEAD
05 40 00-F	CLIP ANGLE
05 40 00-J	3" 16GA. GALVANIZED Z-BAR SUB GIRTS
05 40 00-L	7/8" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 40 00-M	1 1/2" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 50 00-A	MISCELLANEOUS STEEL - SEE STRUCTURAL
05 50 00-B	GALVANIZED STEEL BRICK LINTEL
05 50 00-E	PRE-MANUFACTURED ALUMINUM ACCESS LADDER
05 50 00-F	ELEVATOR HOIST BEAM- COORDINATE WITH ELEVATOR MANUFACTURER
05 51 00-A	MANUFACTURED STEEL FRAMED STAIR
05 51 00-B	CONCRETE FILLED METAL PAN TREAD AND RISER
05 51 00-C	STAIR METAL STRINGER- CHANNEL
05 51 00-D	STAIR METAL STRINGER - TUBE
05 52 13-E	1-1/4" I.D. PAINTED STEEL PIPE RAILING
05 52 13-F	1-1/4" I.D. PAINTED STEEL PIPE HANDRAIL
05 52 13-G	1-1/4" I.D. PAINTED GALVANIZED STEEL PIPE RAILING
05 52 13-U	1-1/2" O.D. GALVANIZED STEEL PIPE GUARDRAIL
05 73 00-A	DECORATIVE METAL RAILING
05 73 00-B	1-1/4" I.D. COLOR ANODIZED ALUMINUM HANDRAIL
06 10 00-A	SHIM AS REQUIRED
06 10 00-B	2X WOOD BLOCKING
06 16 00-A	3/4" EXTERIOR GRADE PLYWOOD
06 16 00-B	5/8" EXTERIOR GRADE PLYWOOD
06 16 00-C	TWO LAYERS OF 3/4" EXTERIOR GRADE PLYWOOD
06 16 00-D	1/2" EXTERIOR GRADE PLYWOOD
06 16 00-E	5/8" EXTERIOR GYPSUM SHEATHING
06 40 00-A	1 1/2" WOOD TRIM
06 40 00-B	SOILD SURFACE WINDOW STOOL
06 40 00-G	1X HARDWOOD TRIM, STAINED
07 13 26-A	SELF-ADHEREING SHEET WATERPROOFING
07 13 26-B	RIGID INSULATION
07 13 26-C	MOLDED SHEET DRAINAGE PANEL
07 21 00-A	SLAB PERIMETER RIGID INSULATION (R-15 FOR 24")
07 21 00-J	PACK FULL WITH MINERAL WOOL INSULATION
07 21 00-K	3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8)
07 21 00-L	3" THERMALLY ISOLATED COMPOSITE Z-GIRT INSULATION SYSTEM
07 21 00-N	MINERAL WOOL BATT INSULATION
07 27 26-A	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE
07 27 26-B	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE, EXTEND AROUND BLOCK TO UNDER WINDOW / PARAPET
07 31 13-A	ASPHALT SHINGLE ROOF
07 42 13-A	PRE-FINISHED METAL WALL PANEL
07 42 13-B	METAL WALL PANEL
07 42 13-C	METAL WALL PANEL - SOFFIT
07 42 13-E	FLASHING WITH DRIP EDGE
07 42 13-F	EXTRUDED TRIM BY MFR
07 42 13-G	THROUGH WALL FLASHING WITH PERFORMED METAL DRIP EDGE
07 54 19-A	POLYVINYL-CHLORIDE (PVC) MEMBRANE ROOFING SYSTEM
07 54 19-B	1/2" COVER BOARD
07 54 19-C	TAPERED POLYISO INSULATION BOARD
07 54 19-D	2 LAYERS OF 2" POLYISO INSULATION BOARD (TOTAL R-VALUE = 22.8)
07 54 19-E	MEMBRANE ROOFING-EXTEND OVER & ATTACH TO FRONT FACE OF PARAPET
07 54 19-F	1 1/2" POLYISO INSULATION BOARD
07 54 19-G	TERMINATION BAR, SET IN WATER CUT OFF MASTIC.
07 62 00-C	FASCIA CLADDING
07 62 00-J	DRIP EDGE
07 62 00-M	PRE-FINISHED METAL GUTTER
07 62 00-N	PREFINISHED METAL DOWNSPOUT
07 71 00-A	MANUFACTURED COPING
07 71 00-B	MANUFACTURED GRAVEL STOP
07 71 00-C	MANUFACTURED FASCIA CLADDING
07 71 00-D	MANUFACTURED COUNTERFLASHING SYSTEM
07 71 00-E	MANUFACTURED GUTTER
07 71 00-F	MANUFACTURED DOWNSPOUT
07 71 00-H	MANUFACTURED DRIP EDGE
07 71 29-A	MANUFACTURED ROOF EXPANSION JOINT ASSEMBLY
07 71 29-B	MANUFACTURED ROOF TO WALL EXPANSION JOINT ASSEMBLY
07 84 13-A	PENETRATION FIRESTOPPING
07 92 00-A	SEALANT
07 92 00-B	SEALANT EACH SIDE, TYPICAL
07 95 13.13-A	INTERIOR EXPANSION JOINT COVER ASSEMBLY
07 95 13.16-A	EXTERIOR EXPANSION JOINT COVER ASSEMBLY
08 11 13-A	HOLLOW METAL DOOR/BORROWED LIGHT FRAME
08 11 13-B	HOLLOW METAL DOOR
08 14 16-A	FLUSH WOOD DOOR
08 33 13-A	OVERHEAD COILING COUNTER DOOR
08 33 13-B	OVERHEAD COILING COUNTER GRILLE
08 33 13-C	INSULATED COILING COUNTER DOOR
08 33 13-E	GUIDE
08 33 23-A	OVERHEAD COILING DOOR
08 33 23-J	BREAK METAL TO MATCH DOOR GUIDE FINISH
08 33 23-K	OVERHEAD COILING DOOR WITH INTEGRATED PASS DOOR
08 41 13-A	4 1/2" ALUMINUM-FRAMED STOREFRONT
08 41 13-B	WIDE STYLE ALUMINUM ENTRANCE DOOR
08 41 13-C	ALUMINUM BRAKE METAL TO MATCH STOREFRONT FRAME
08 44 13-A	7 1/2" DEEP ALUMINUM CURTAINWALL SYSTEM
08 44 13-C	CURTAINWALL ATTACHMENT MEMBER, ALLOW FOR THERMAL MOVEMENT
08 44 13-D	ALUMINUM BREAKMETAL TO MATCH CURTAINWALL FRAME
08 44 13-F	10" DEEP ALUMINUM CURTAINWALL SYSTEM
08 80 00-A	GLAZING - SEE SCHEDULE/ELEVATIONS
08 80 00-B	SPANDREL PANEL - SEE SCHEDULE/ELEVATIONS
08 91 19-A	FIXED LOUVER
09 22 16-D	7/8" FURRING CHANNEL
09 22 16-G	2 1/2" STEEL STUD
09 22 16-H	3 5/8" STEEL STUD
09 22 16-K	6" STEEL STUD
09 29 00-B	5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE)
09 29 00-D	SOUND ATTENUATION INSULATION
09 29 00-E	SUSPENDED GYPSUM BOARD CEILING ASSEMBLY
09 51 13-A	ACOUSTICAL CEILING SUSPENSION ASSEMBLY
09 51 13-C	SUSPENDED CEILING METAL EDGE TRIM
09 82 00-A	SOUND DIFFUSIVE WOOD UNITS
10 14 23-A	PANEL SIGNAGE
10 82 00-A	ROOF AND WALL SCREENS
12 24 13	
12 24 13-A	ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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PROJECT NUMBER
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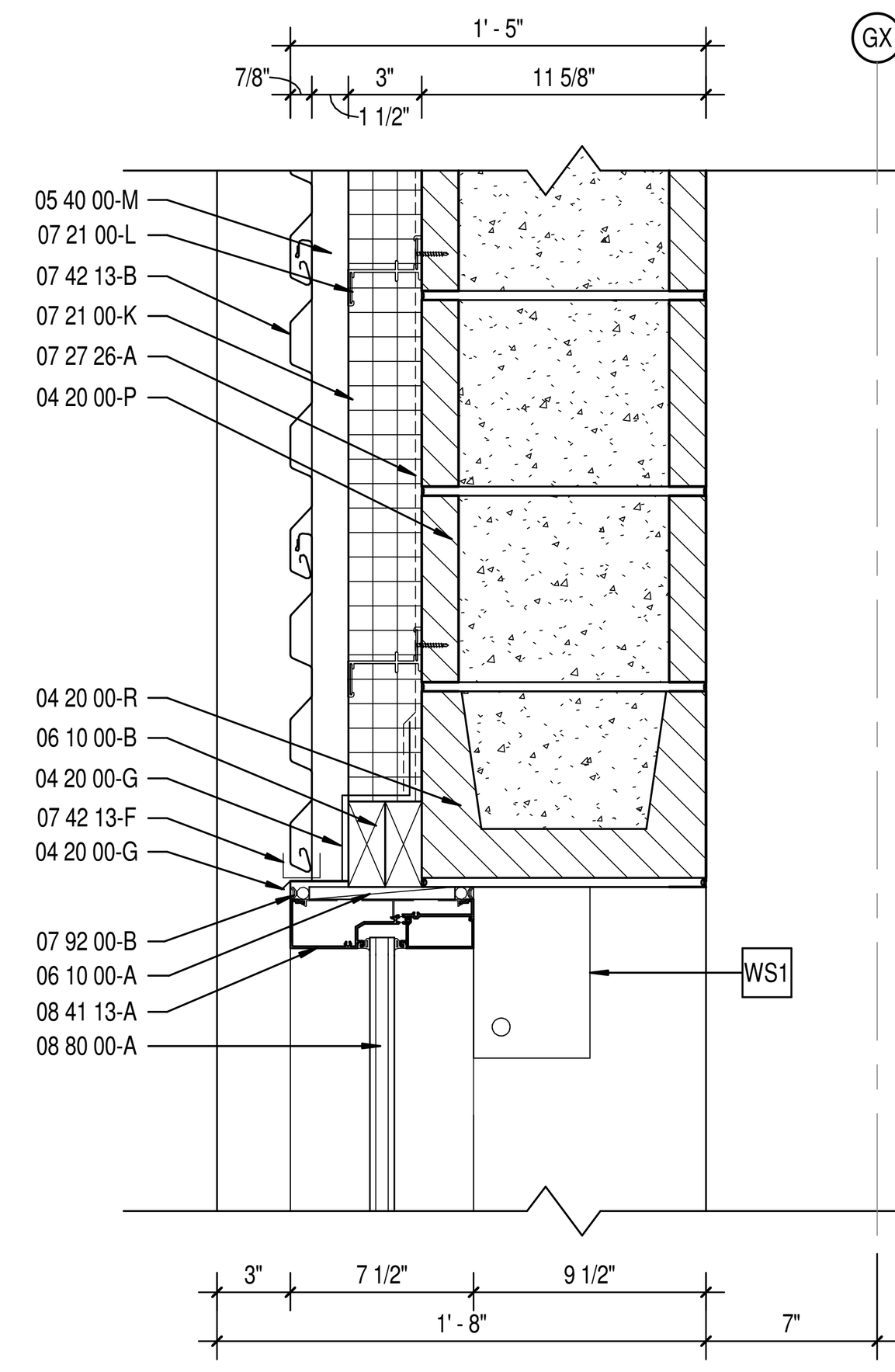

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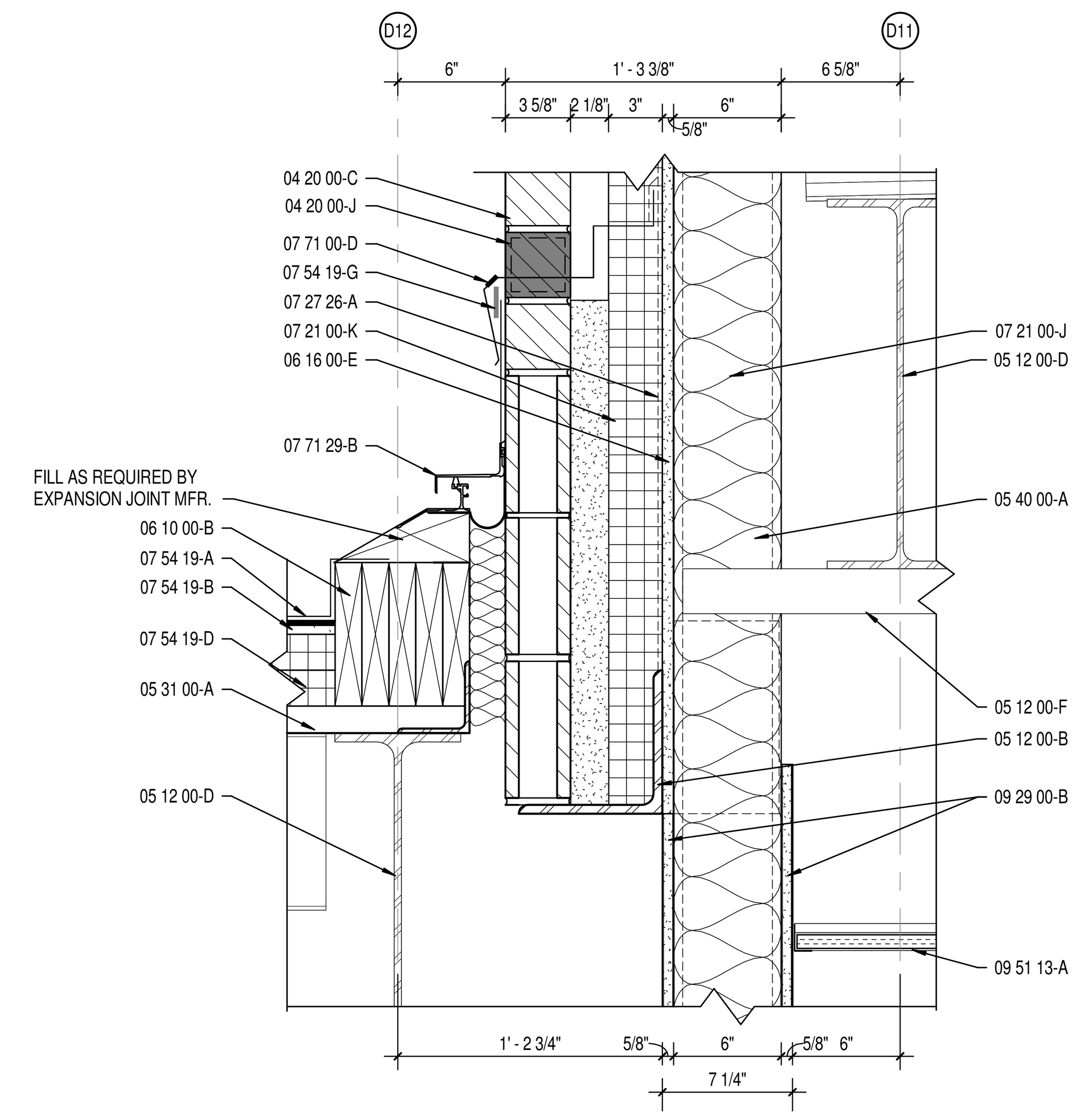

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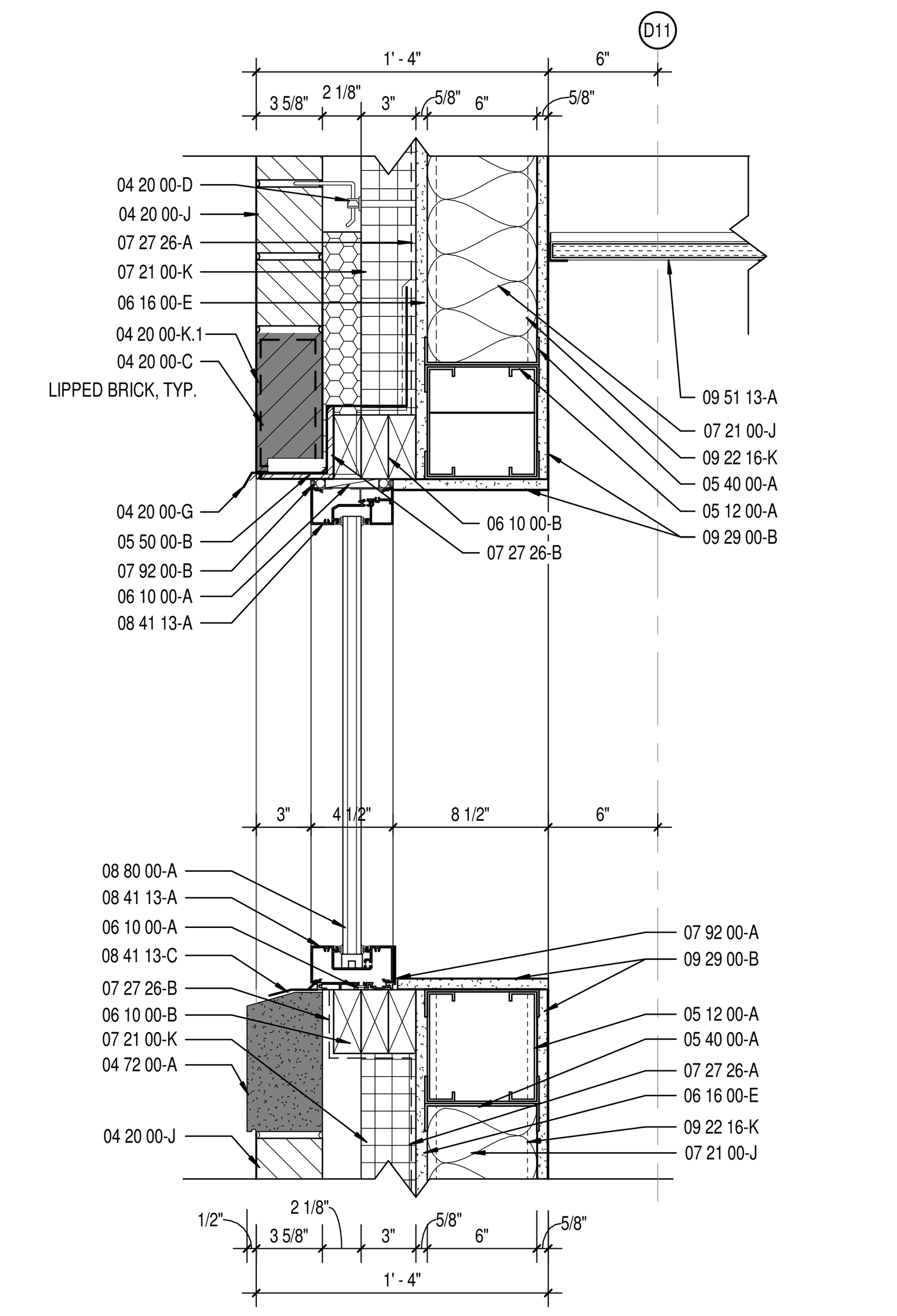

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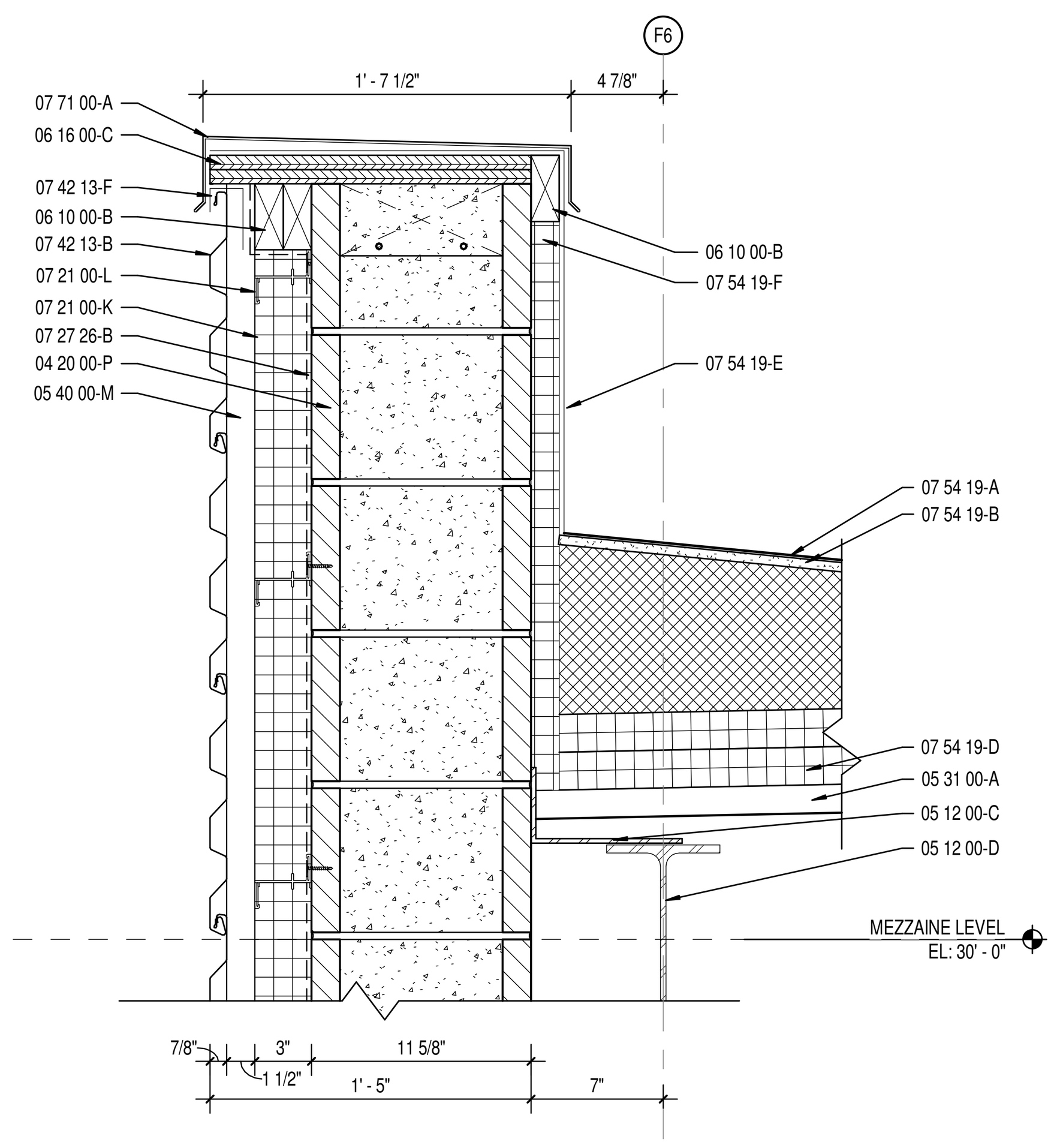

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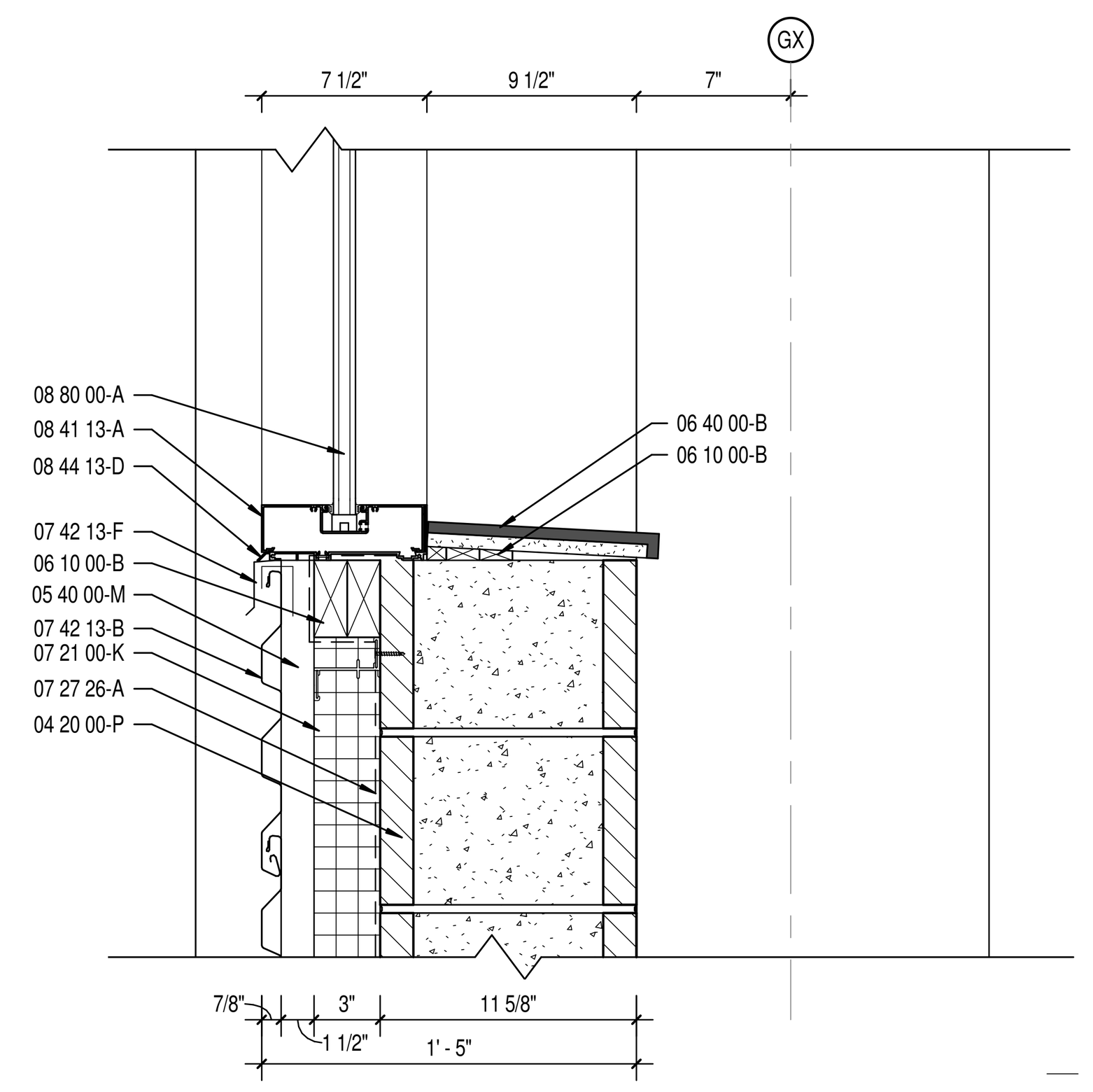

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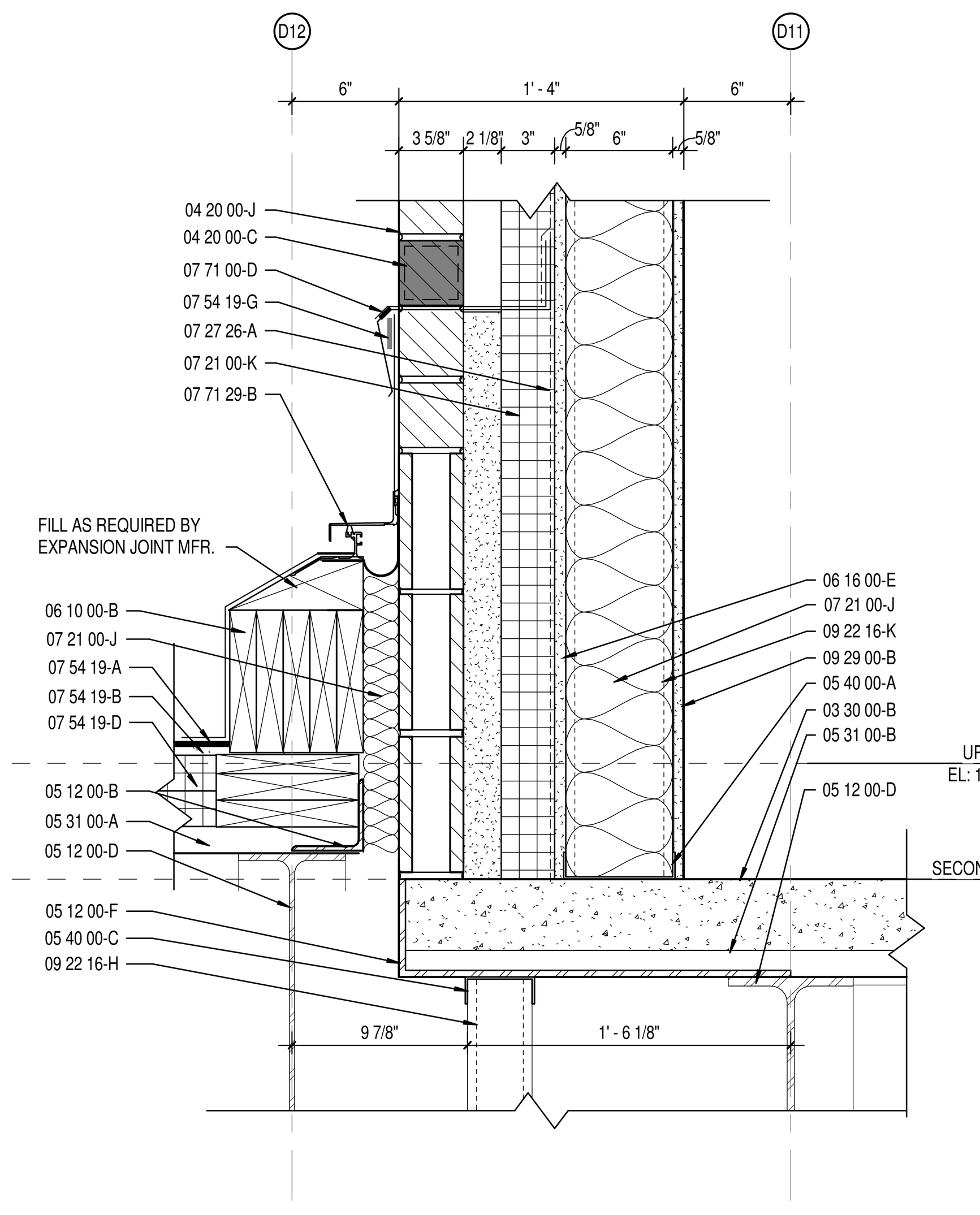

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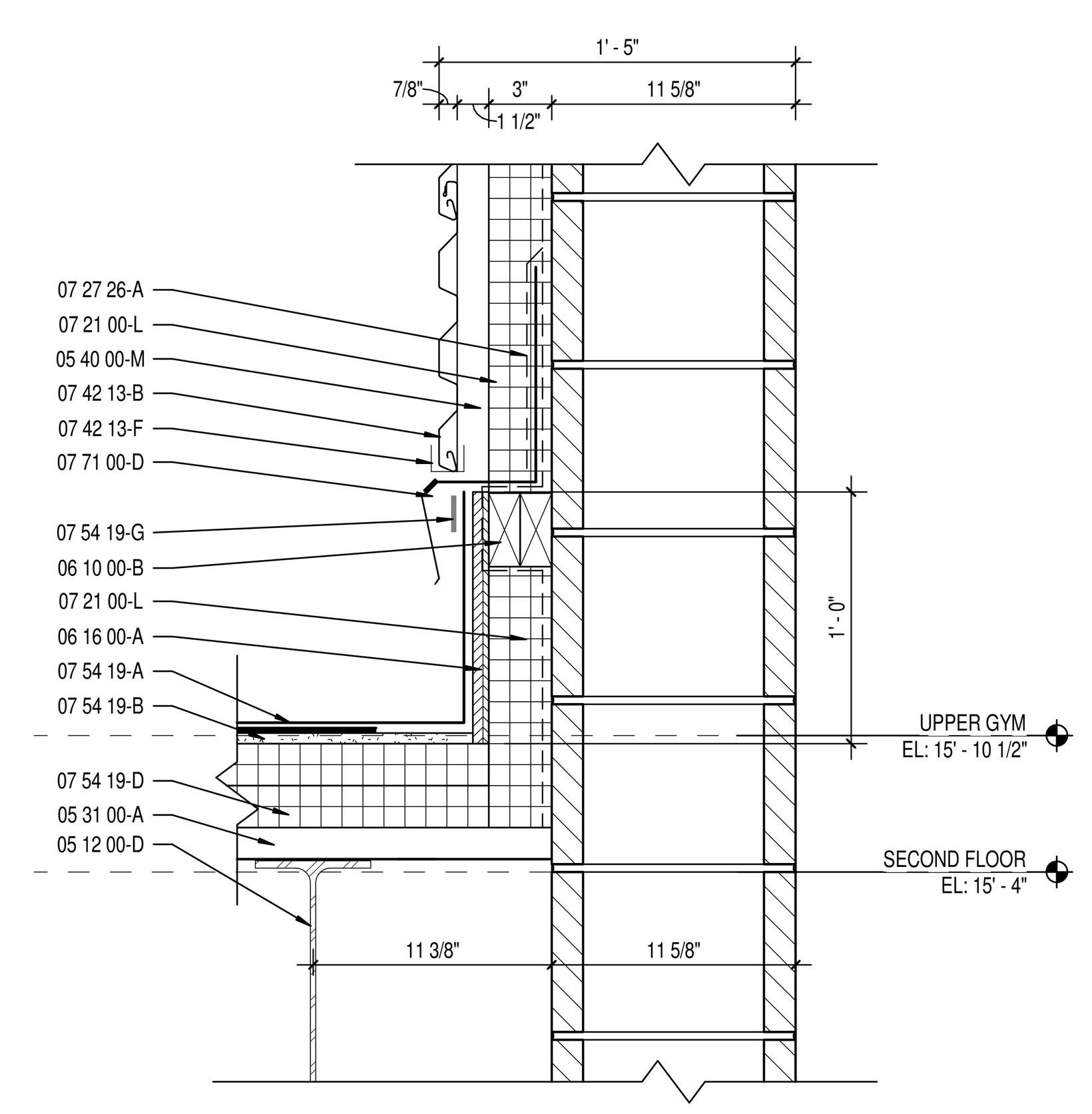

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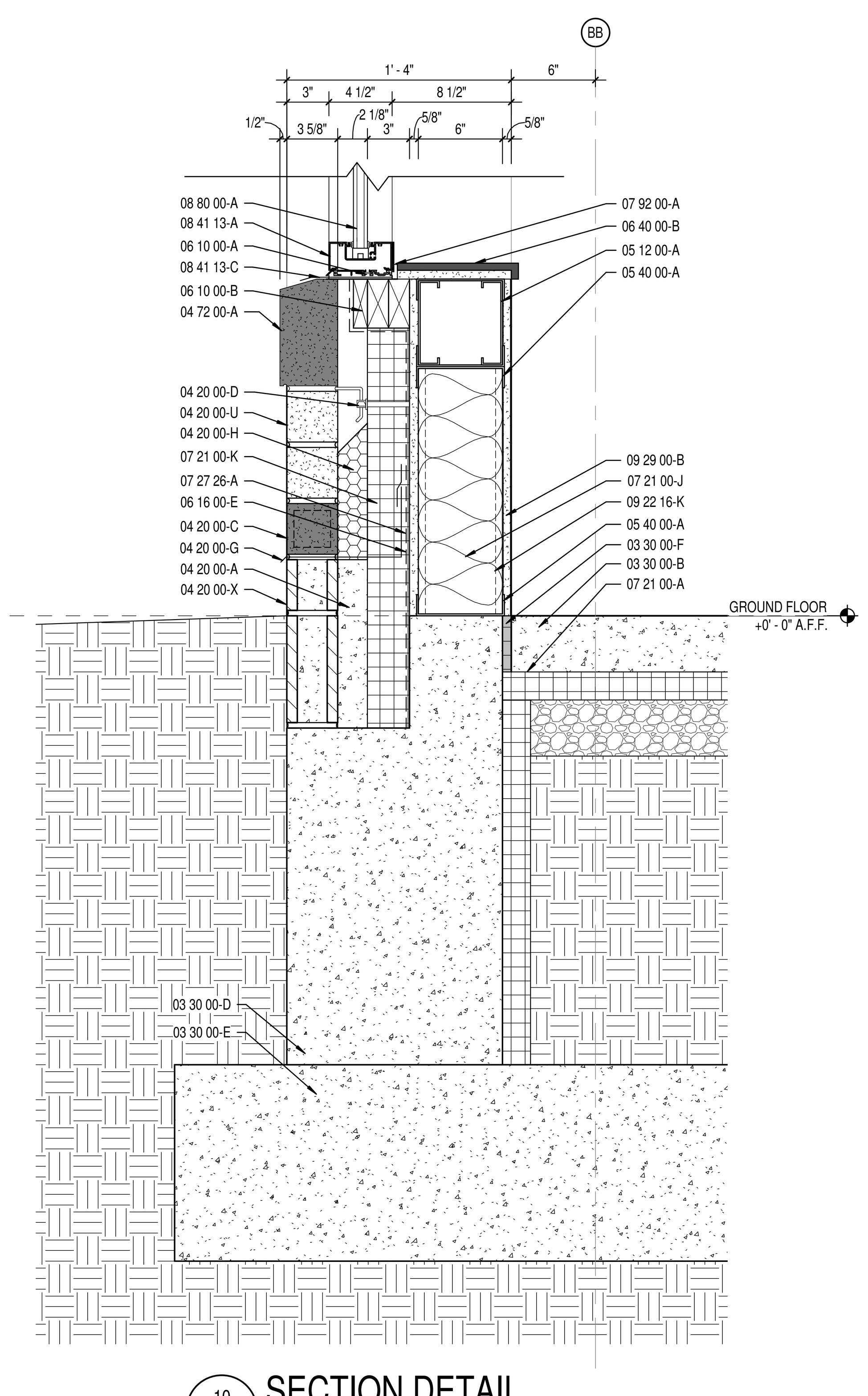

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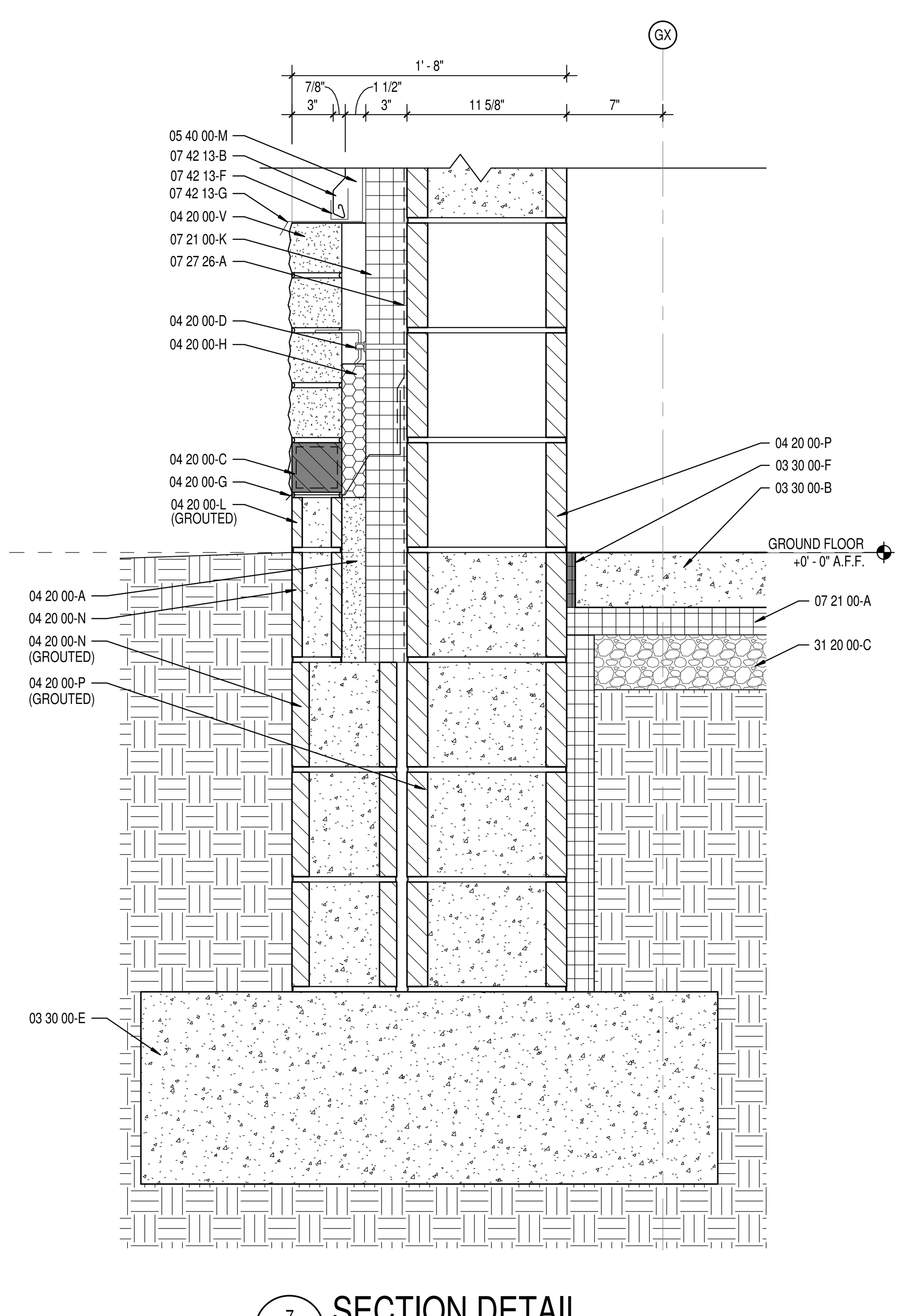

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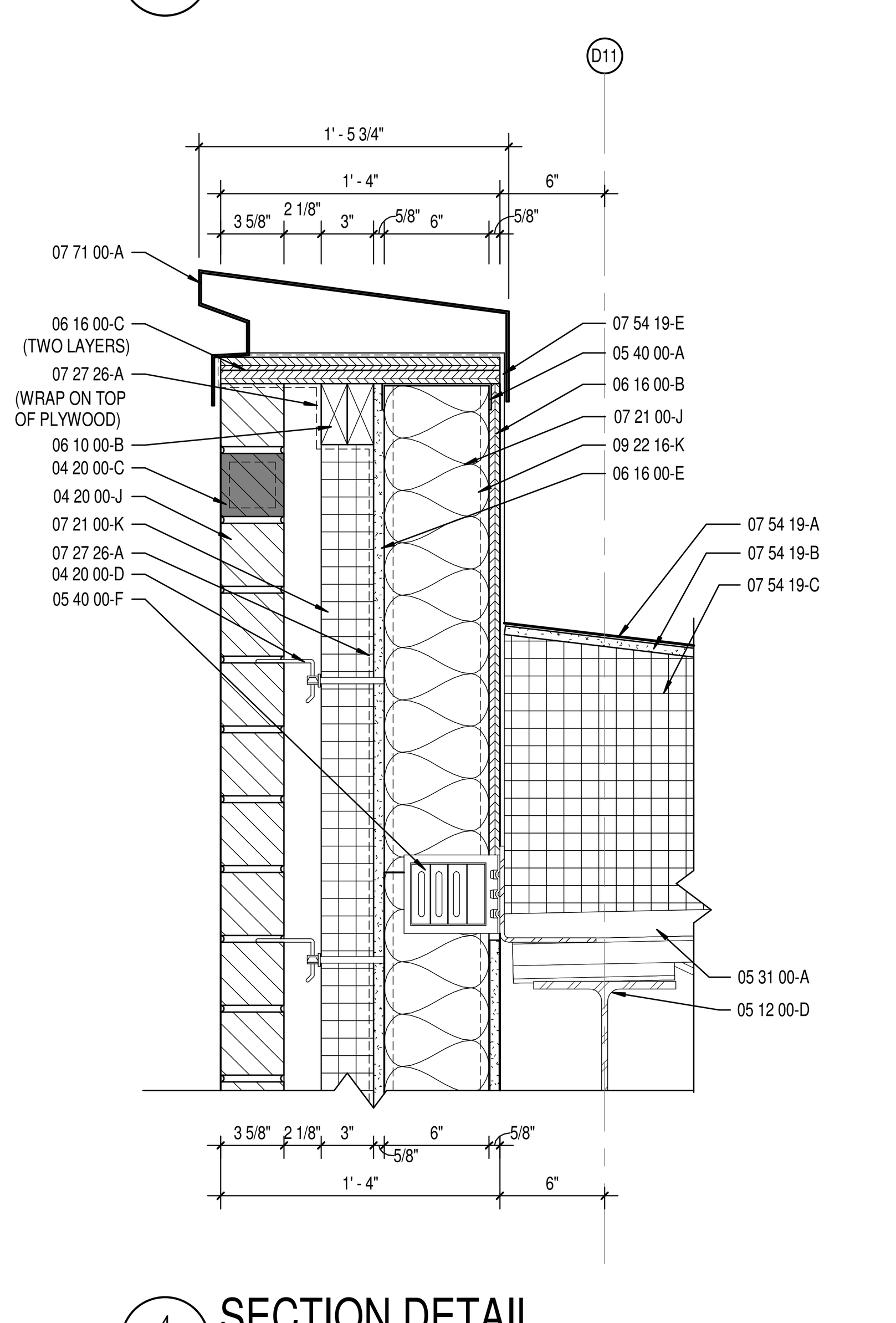

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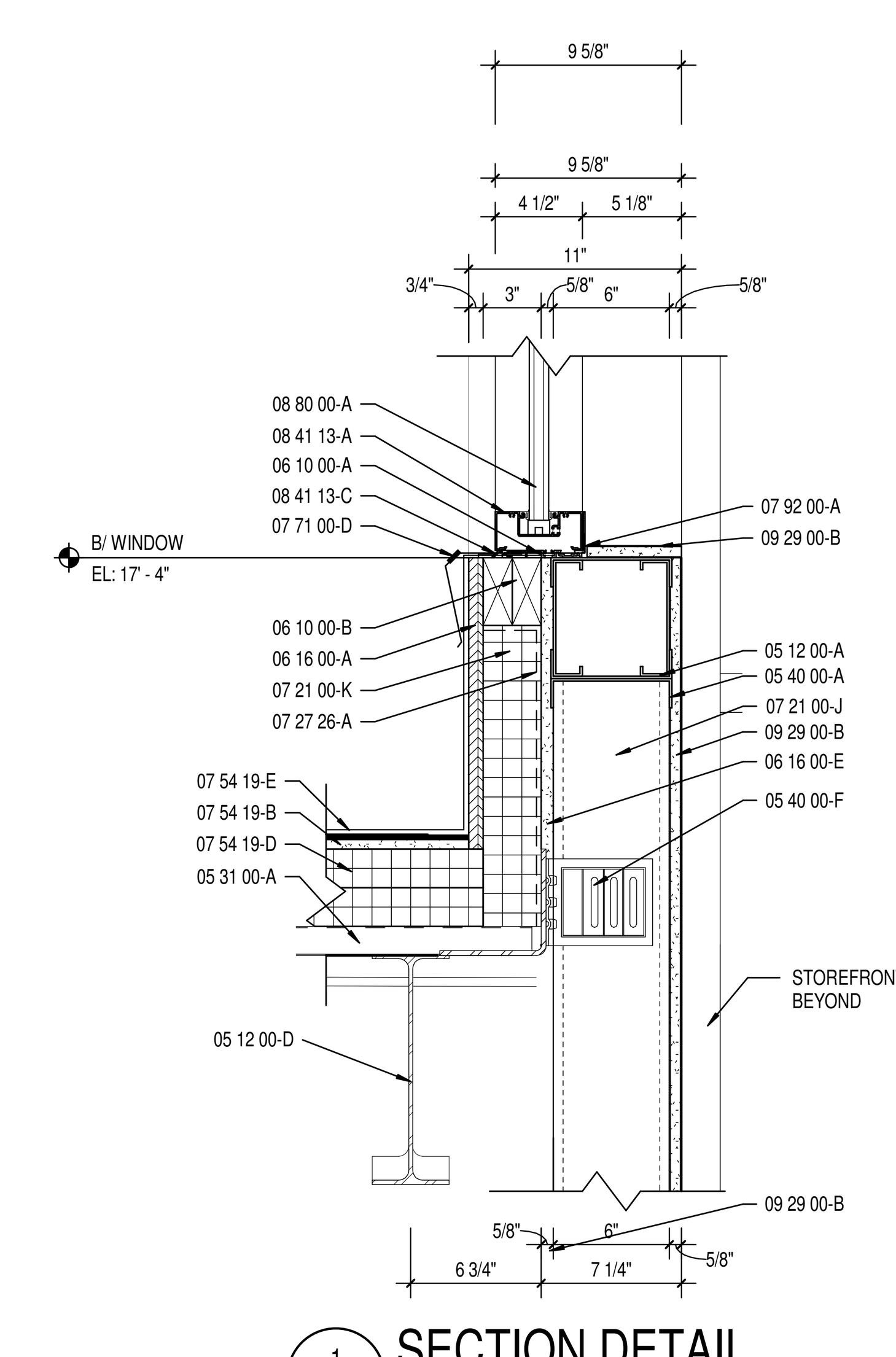

1 A435 SECTION DETAIL
SCALE: 1 1/2" = 1'-0"

KEYNOTE LEGEND

03 30 00-A	WATERSTOP
03 30 00-B	CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL
03 30 00-C	CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL
03 30 00-D	CONCRETE FOUNDATION- SEE STRUCTURAL
03 30 00-E	CONCRETE FOOTING- SEE STRUCTURAL
03 30 00-F	1/2" EXPANSION MATERIAL
04 20 00-A	GROUT CORE SOLID
04 20 00-B	MASONRY TIE
04 20 00-C	CELL WEEP VENTS @ 16" O.C.
04 20 00-D	ADJUSTIBLE MASONRY VENEER ANCHOR AT 16" O.C. VERTICALLY
04 20 00-F	METAL FLASHING
04 20 00-G	THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE
04 20 00-H	CAVITY DRAINAGE MATERIAL
04 20 00-J	BRICK TYPE 1 (WIRE CUT)
04 20 00-K	BRICK TYPE 2 (SMOOTH FACE)
04 20 00-K.1	BRICK TYPE 2 (SOLDIER COURSE) - SEE SIZE ON DRAWING 10/A430
04 20 00-L	4" CONCRETE MASONRY UNIT
04 20 00-M	6" CONCRETE MASONRY UNIT
04 20 00-N	8" CONCRETE MASONRY UNIT
04 20 00-O	10" CONCRETE MASONRY UNIT
04 20 00-P	12" CONCRETE MASONRY UNIT
04 20 00-Q	BULLNOSE UNIT
04 20 00-R	BOND BEAM MASONRY UNIT
04 20 00-S	DECORATIVE CMU (GROUND FACE)
04 20 00-T	ACOUSTICAL BLOCK
04 20 00-U	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, SMOOTH)
04 20 00-V	CALCIUM SILICATE MASONRY UNIT (LARGE FORMAT, SMOOTH)
04 20 00-W	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, ROUGH)
04 20 00-X	4" GROUND FACE CONCRETE MASONRY UNIT
04 72 00-A	CAST STONE SILL - SEE SIZE ON DRAWING 10/A430
04 72 00-B	CAST STONE
05 12 00-A	STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL
05 12 00-B	STEEL ANGLE- SEE STRUCTURAL
05 12 00-C	STEEL BENT PLATE- SEE STRUCTURAL
05 12 00-D	STEEL BEAM- SEE STRUCTURAL
05 12 00-E	STEEL COLUMN - SEE STRUCTURAL
05 12 00-F	STEEL PLATE - SEE STRUCTURAL
05 21 00-A	STEEL JOIST- SEE STRUCTURAL
05 31 00-A	METAL ROOF DECKING- SEE STRUCTURAL
05 31 00-B	METAL FLOOR DECKING- SEE STRUCTURAL
05 40 00-A	6" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-B	2 1/2" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-C	3 5/8" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-D	6"x6" 10 GA. COLD FORMED STEEL ANGLE, CUT TO FIT. ATTACH JAMB TO HEAD
05 40 00-F	CLIP ANGLE
05 40 00-J	3" 16GA. GALVANIZED Z-BAR SUB GIRTS
05 40 00-L	7/8" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 40 00-M	1 1/2" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 50 00-A	MISCELLANEOUS STEEL - SEE STRUCTURAL
05 50 00-B	GALVANIZED STEEL BRICK LINTEL
05 50 00-E	PRE-MANUFACTURED ALUMINUM ACCESS LADDER
05 50 00-F	ELEVATOR HOIST BEAM- COORDINATE WITH ELEVATOR MANUFACTURER
05 51 00-A	MANUFACTURED STEEL FRAMED STAIR
05 51 00-B	CONCRETE FILLED METAL PAN TREAD AND RISER
05 51 00-C	STAIR METAL STRINGER- CHANNEL
05 51 00-D	STAIR METAL STRINGER - TUBE
05 52 13-E	1-1/4" I.D. PAINTED STEEL PIPE RAILING
05 52 13-F	1-1/4" I.D. PAINTED STEEL PIPE HANDRAIL
05 52 13-G	1-1/4" I.D. PAINTED GALVANIZED STEEL PIPE RAILING
05 52 13-U	1-1/2" O.D. GALVANIZED STEEL PIPE GUARDRAIL
05 73 00-A	DECORATIVE METAL RAILING
05 73 00-B	1-1/4" I.D. COLOR ANODIZED ALUMINUM HANDRAIL
06 10 00-A	SHIM AS REQUIRED
06 10 00-B	2X WOOD BLOCKING
06 16 00-A	3/4" EXTERIOR GRADE PLYWOOD
06 16 00-B	5/8" EXTERIOR GRADE PLYWOOD
06 16 00-C	TWO LAYERS OF 3/4" EXTERIOR GRADE PLYWOOD
06 16 00-D	1/2" EXTERIOR GRADE PLYWOOD
06 16 00-E	5/8" EXTERIOR GYPSUM SHEATHING
06 40 00-A	1 1/2" WOOD TRIM
06 40 00-B	SOILD SURFACE WINDOW STOOL
06 40 00-G	1X HARDWOOD TRIM, STAINED
07 13 26-A	SELF-ADHEREING SHEET WATERPROOFING
07 13 26-B	RIGID INSULATION
07 13 26-C	MOLDED SHEET DRAINAGE PANEL
07 21 00-A	SLAB PERIMETER RIGID INSULATION (R-15 FOR 24")
07 21 00-J	PACK FULL WITH MINERAL WOOL INSULATION
07 21 00-K	3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8)
07 21 00-L	3" THERMALLY ISOLATED COMPOSITE Z-GIRT INSULATION SYSTEM
07 21 00-N	MINERAL WOOL BATT INSULATION
07 27 26-A	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE
07 27 26-B	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE, EXTEND AROUND BLOCK TO UNDER WINDOW / PARAPET
07 31 13-A	ASPHALT SHINGLE ROOF
07 42 13-A	PRE-FINISHED METAL WALL PANEL
07 42 13-B	METAL WALL PANEL
07 42 13-C	METAL WALL PANEL - SOFFIT
07 42 13-E	FLASHING WITH DRIP EDGE
07 42 13-F	EXTRUDED TRIM BY MFR
07 42 13-G	THROUGH WALL FLASHING WITH PERFORMED METAL DRIP EDGE
07 54 19-A	POLYVINYL-CHLORIDE (PVC) MEMBRANE ROOFING SYSTEM
07 54 19-B	1/2" COVER BOARD
07 54 19-C	TAPERED POLYISO INSULATION BOARD
07 54 19-D	2 LAYERS OF 2" POLYISO INSULATION BOARD (TOTAL R-VALUE = 22.8)
07 54 19-E	MEMBRANE ROOFING-EXTEND OVER & ATTACH TO FRONT FACE OF PARAPET
07 54 19-F	1 1/2" POLYISO INSULATION BOARD
07 54 19-G	TERMINATION BAR, SET IN WATER CUT OFF MASTIC.
07 62 00-C	FASCIA CLADDING
07 62 00-J	DRIP EDGE
07 62 00-M	PRE-FINISHED METAL GUTTER
07 62 00-N	PREFINISHED METAL DOWNSPOUT
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07 71 00-D	MANUFACTURED COUNTERFLASHING SYSTEM
07 71 00-E	MANUFACTURED GUTTER
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07 71 00-H	MANUFACTURED DRIP EDGE
07 71 29-A	MANUFACTURED ROOF EXPANSION JOINT ASSEMBLY
07 71 29-B	MANUFACTURED ROOF TO WALL EXPANSION JOINT ASSEMBLY
07 84 13-A	PENETRATION FIRESTOPPING
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07 92 00-B	SEALANT EACH SIDE, TYPICAL
07 95 13.13-A	INTERIOR EXPANSION JOINT COVER ASSEMBLY
07 95 13.16-A	EXTERIOR EXPANSION JOINT COVER ASSEMBLY
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08 11 13-B	HOLLOW METAL DOOR
08 14 16-A	FLUSH WOOD DOOR
08 33 13-A	OVERHEAD COILING COUNTER DOOR
08 33 13-B	OVERHEAD COILING COUNTER GRILLE
08 33 13-C	INSULATED COILING COUNTER DOOR
08 33 13-E	GUIDE
08 33 23-A	OVERHEAD COILING DOOR
08 33 23-J	BREAK METAL TO MATCH DOOR GUIDE FINISH
08 33 23-K	OVERHEAD COILING DOOR WITH INTEGRATED PASS DOOR
08 41 13-A	4 1/2" ALUMINUM-FRAMED STOREFRONT
08 41 13-B	WIDE STYLE ALUMINUM ENTRANCE DOOR
08 41 13-C	ALUMINUM BRAKE METAL TO MATCH STOREFRONT FRAME
08 44 13-A	7 1/2" DEEP ALUMINUM CURTAINWALL SYSTEM
08 44 13-C	CURTAINWALL ATTACHMENT MEMBER, ALLOW FOR THERMAL MOVEMENT
08 44 13-D	ALUMINUM BREAKMETAL TO MATCH CURTAINWALL FRAME
08 44 13-F	10" DEEP ALUMINUM CURTAINWALL SYSTEM
08 80 00-A	GLAZING - SEE SCHEDULE/ELEVATIONS
08 80 00-B	SPANDREL PANEL - SEE SCHEDULE/ELEVATIONS
08 91 19-A	FIXED LOUVER
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09 22 16-H	3 5/8" STEEL STUD
09 22 16-K	6" STEEL STUD
09 29 00-B	5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE)
09 29 00-D	SOUND ATTENUATION INSULATION
09 29 00-E	SUSPENDED GYPSUM BOARD CEILING ASSEMBLY
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09 51 13-C	SUSPENDED CEILING METAL EDGE TRIM
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31 20 00-C	DRAINING GRANULAR FILL
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32 31 13-A	CHAIN-LINK FENCE- SEE LANDSCAPE SHEETS
32 31 19-A	ORNAMENTAL FENCE- SEE LANDSCAPE SHEETS

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
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SCOPE DRAWINGS:
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REVISIONS:

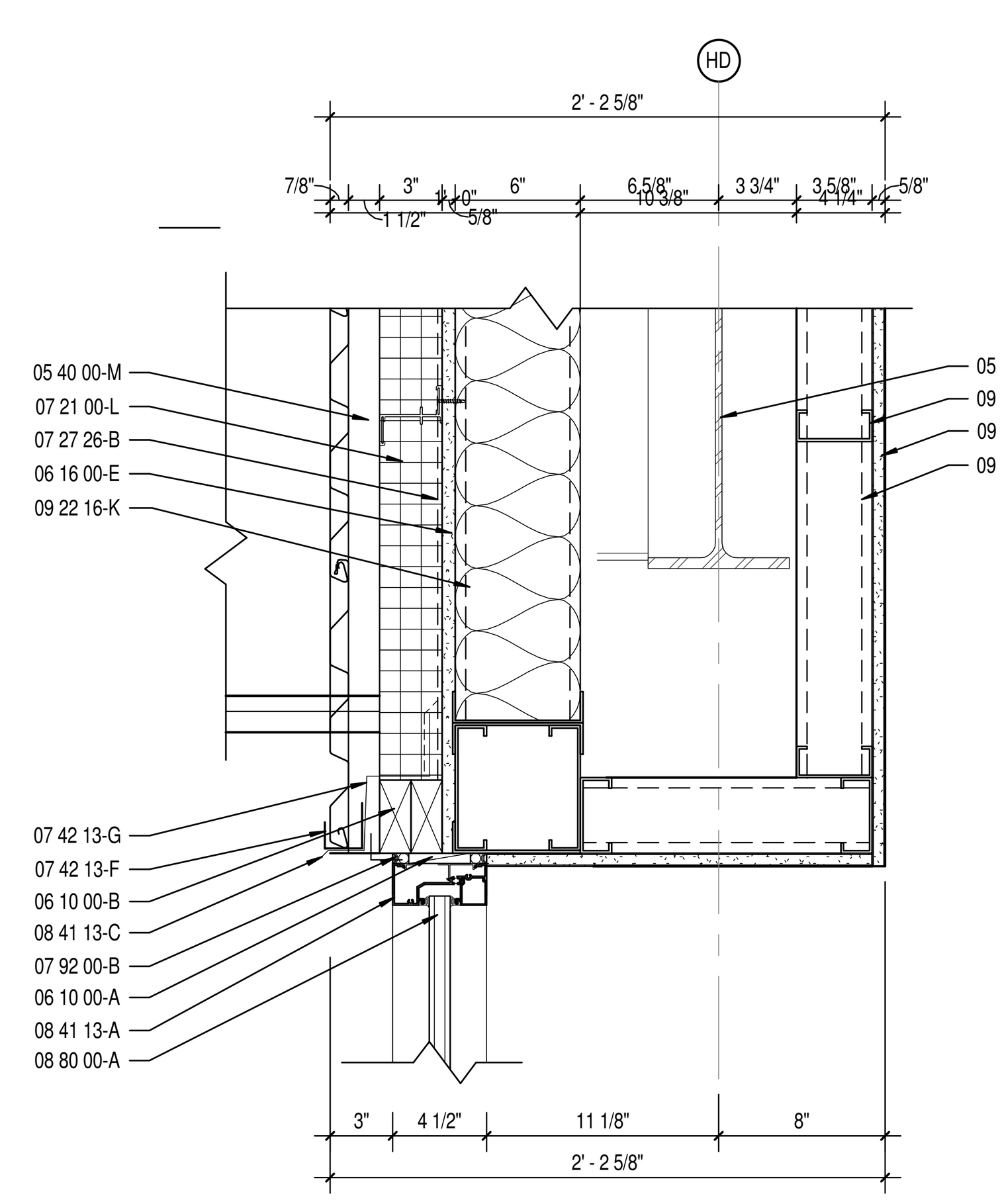
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
SECTION DETAILS

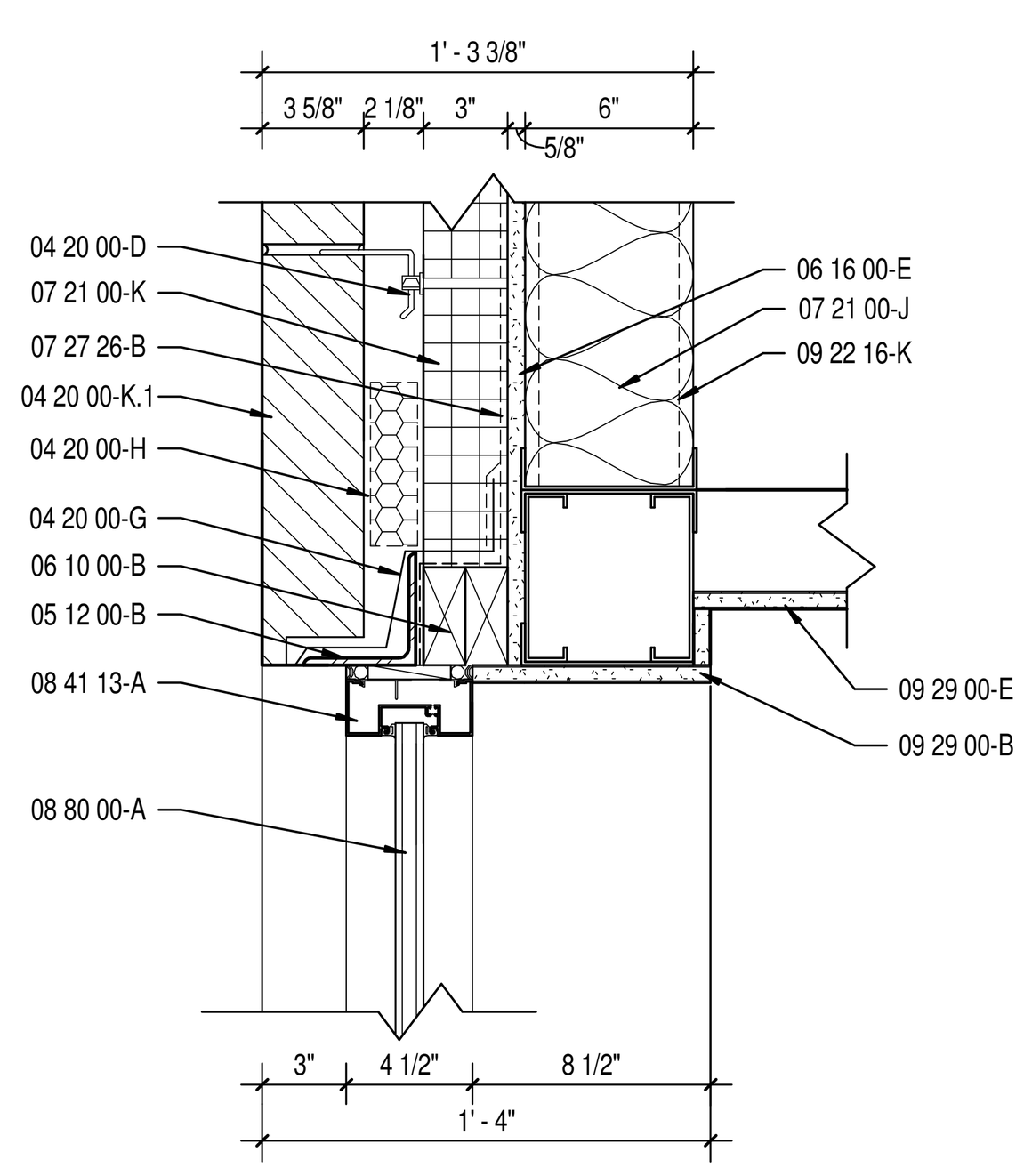
CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A435

PROJECT NUMBER
2023061



14 A436 SECTION DETAIL
SCALE: 1 1/2" = 1'-0"



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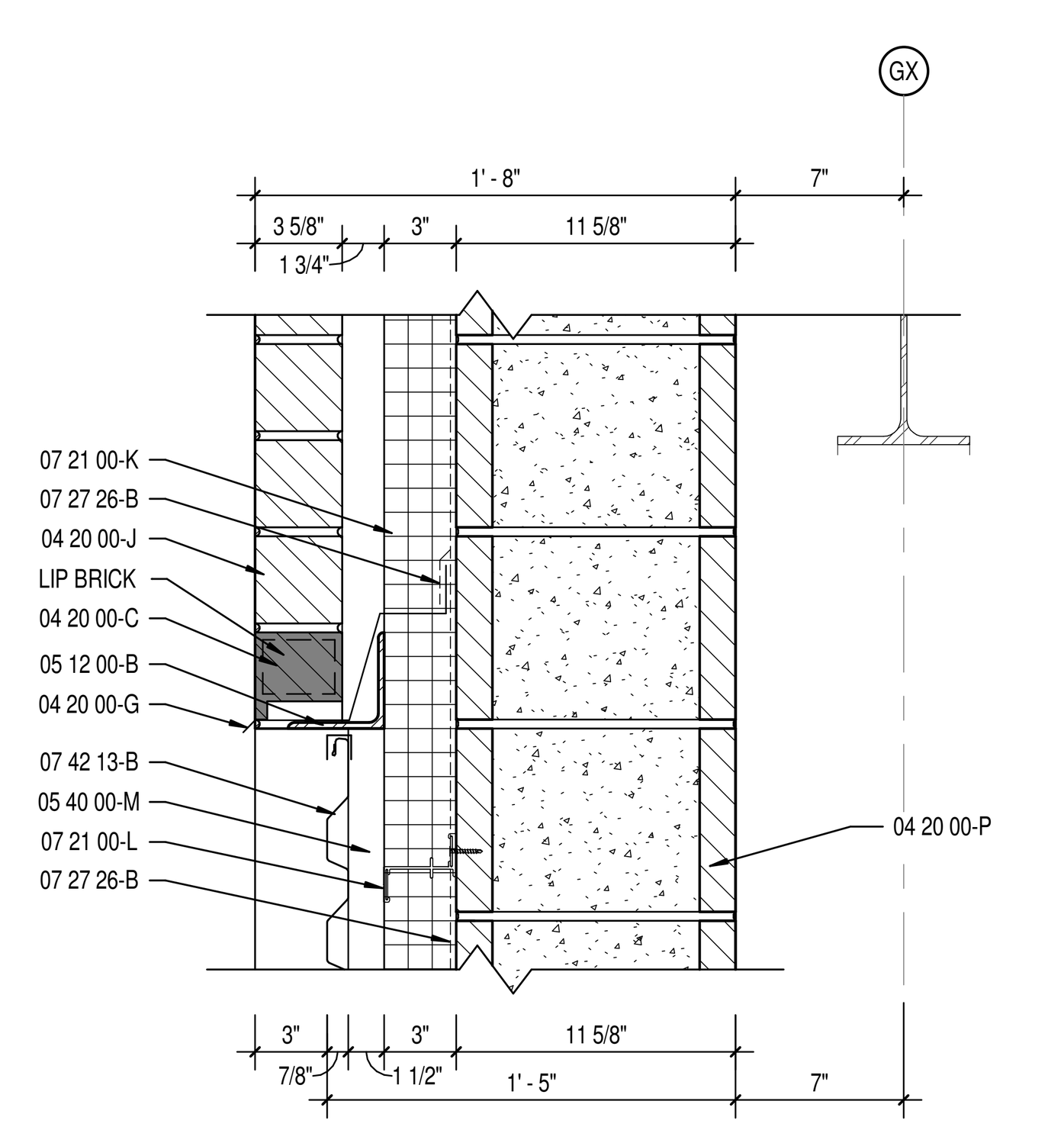

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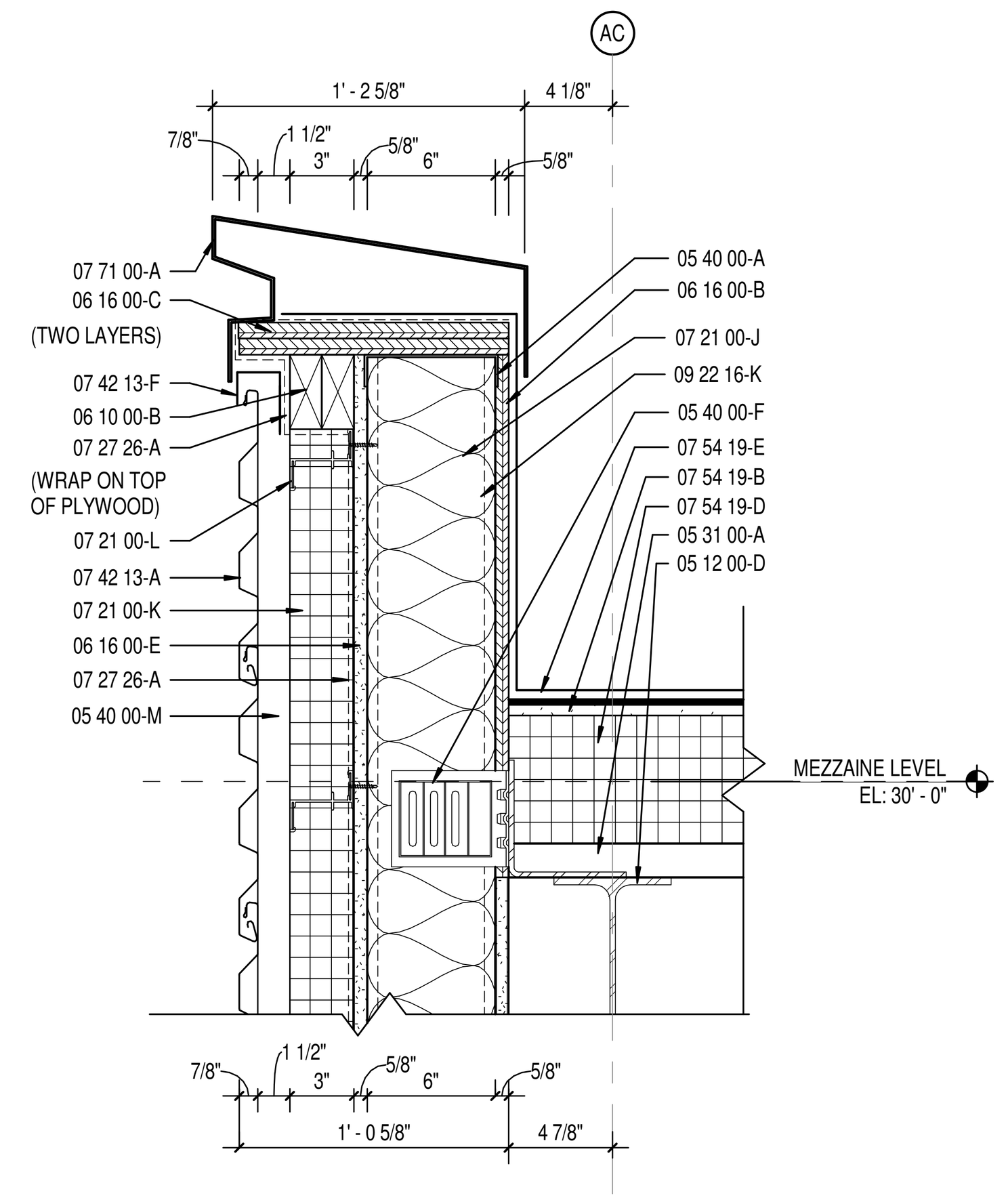

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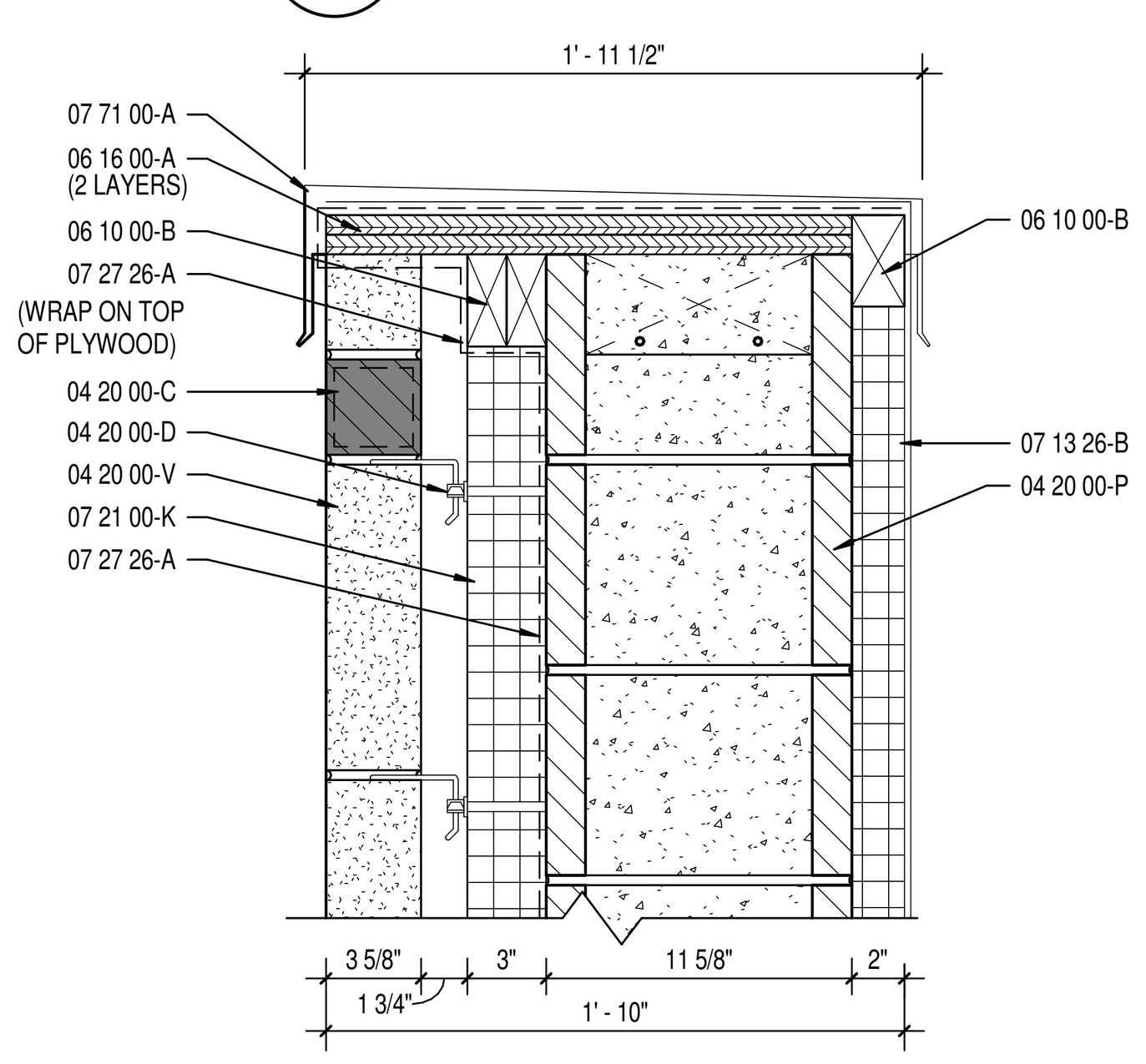

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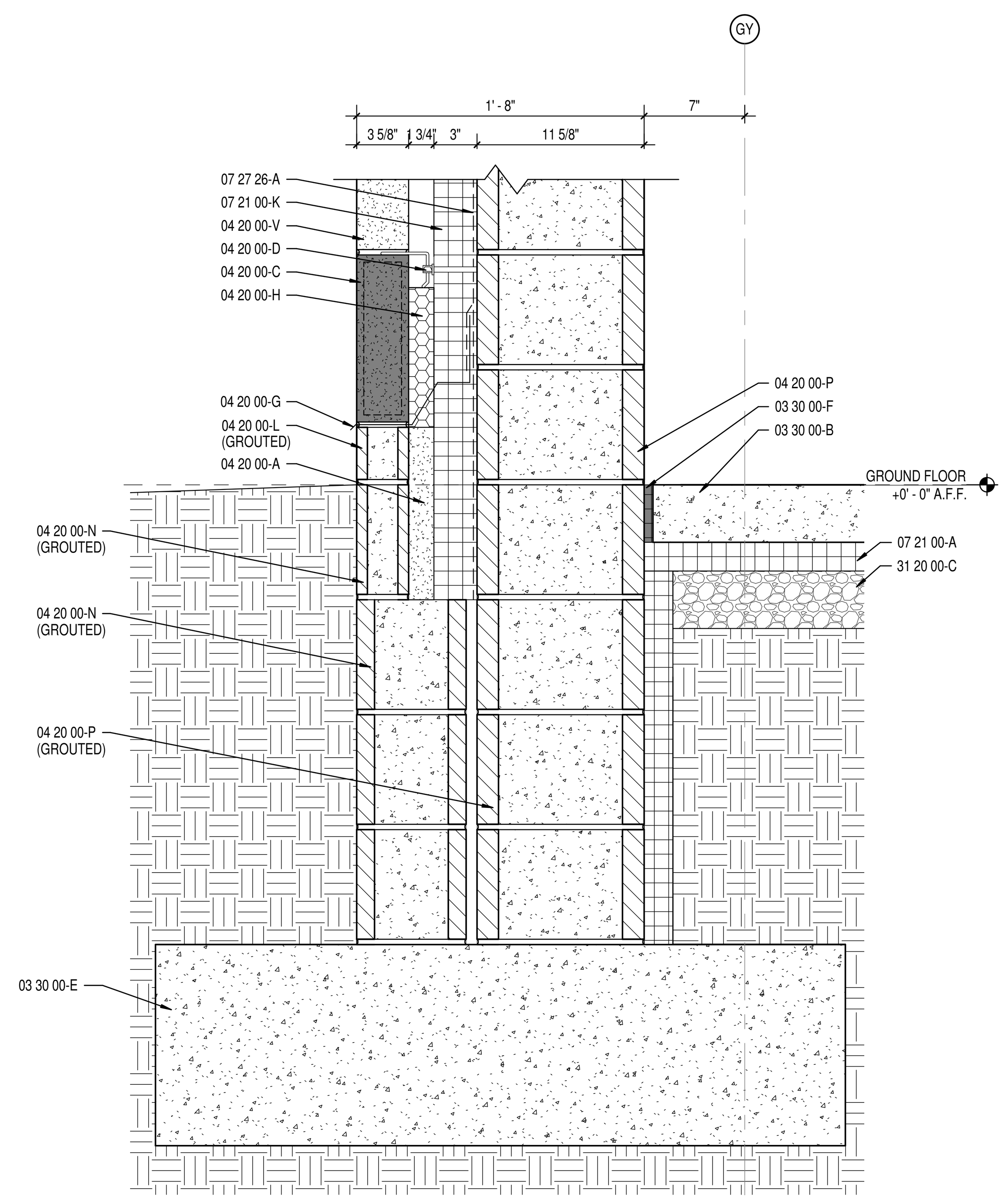

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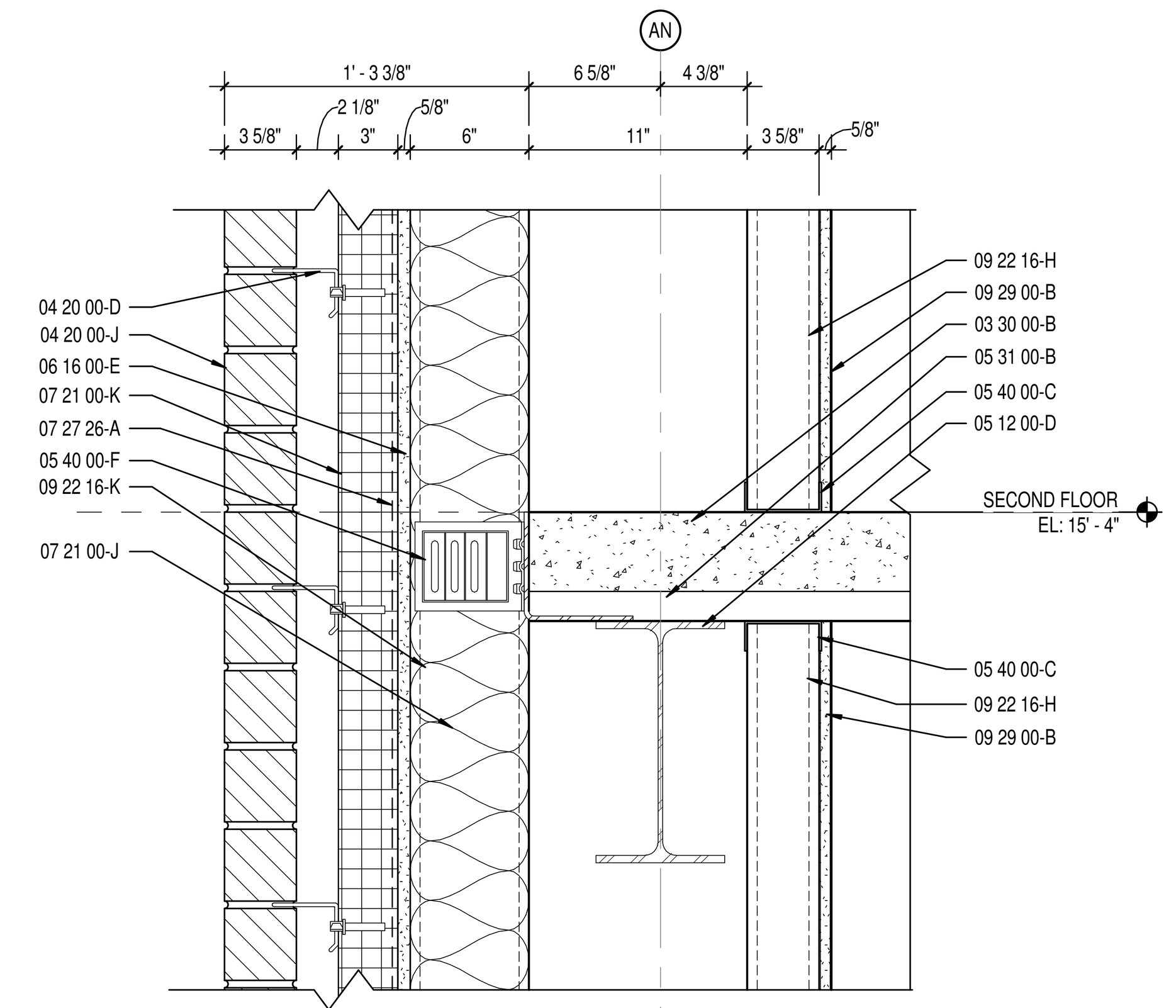

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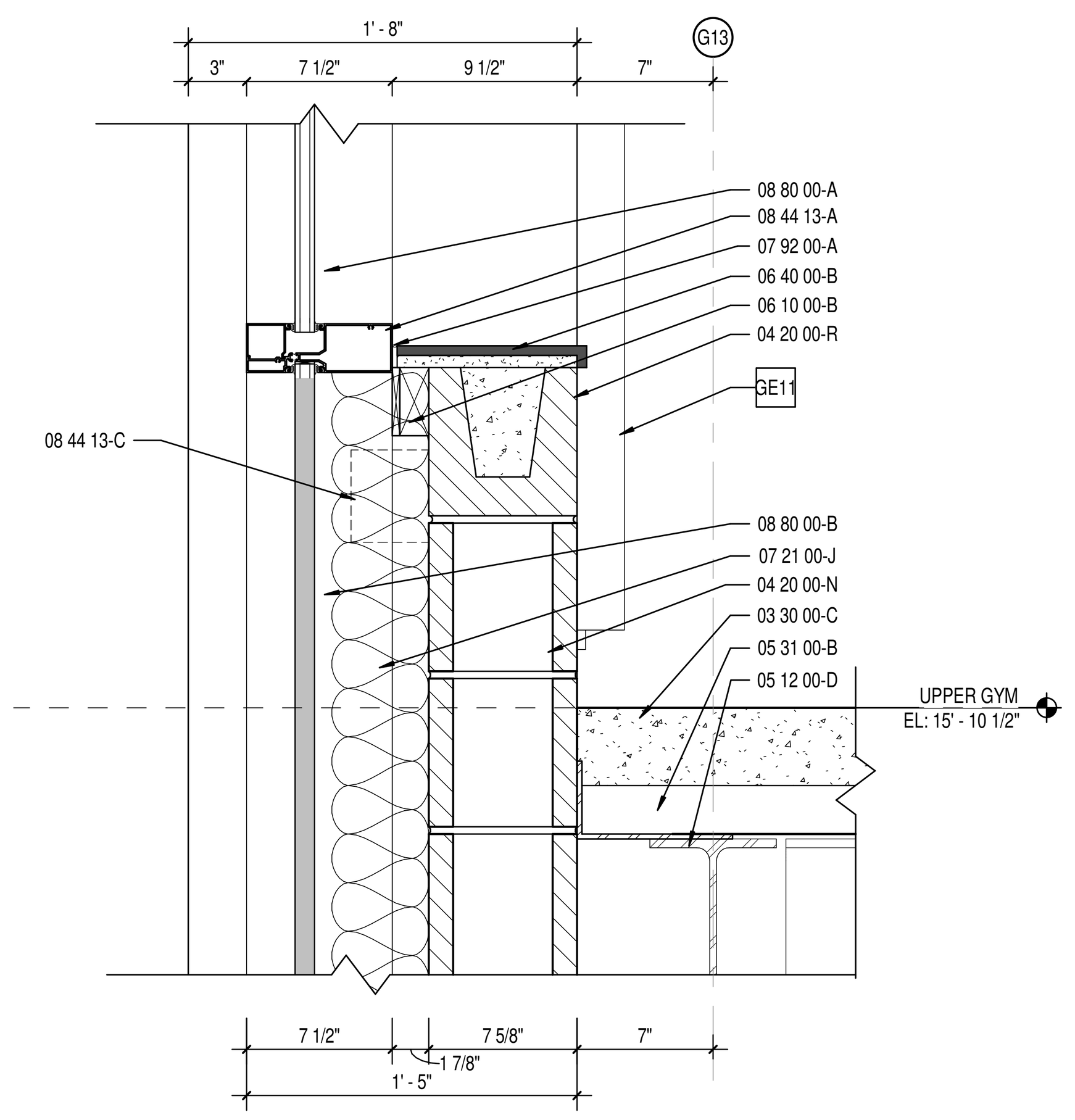

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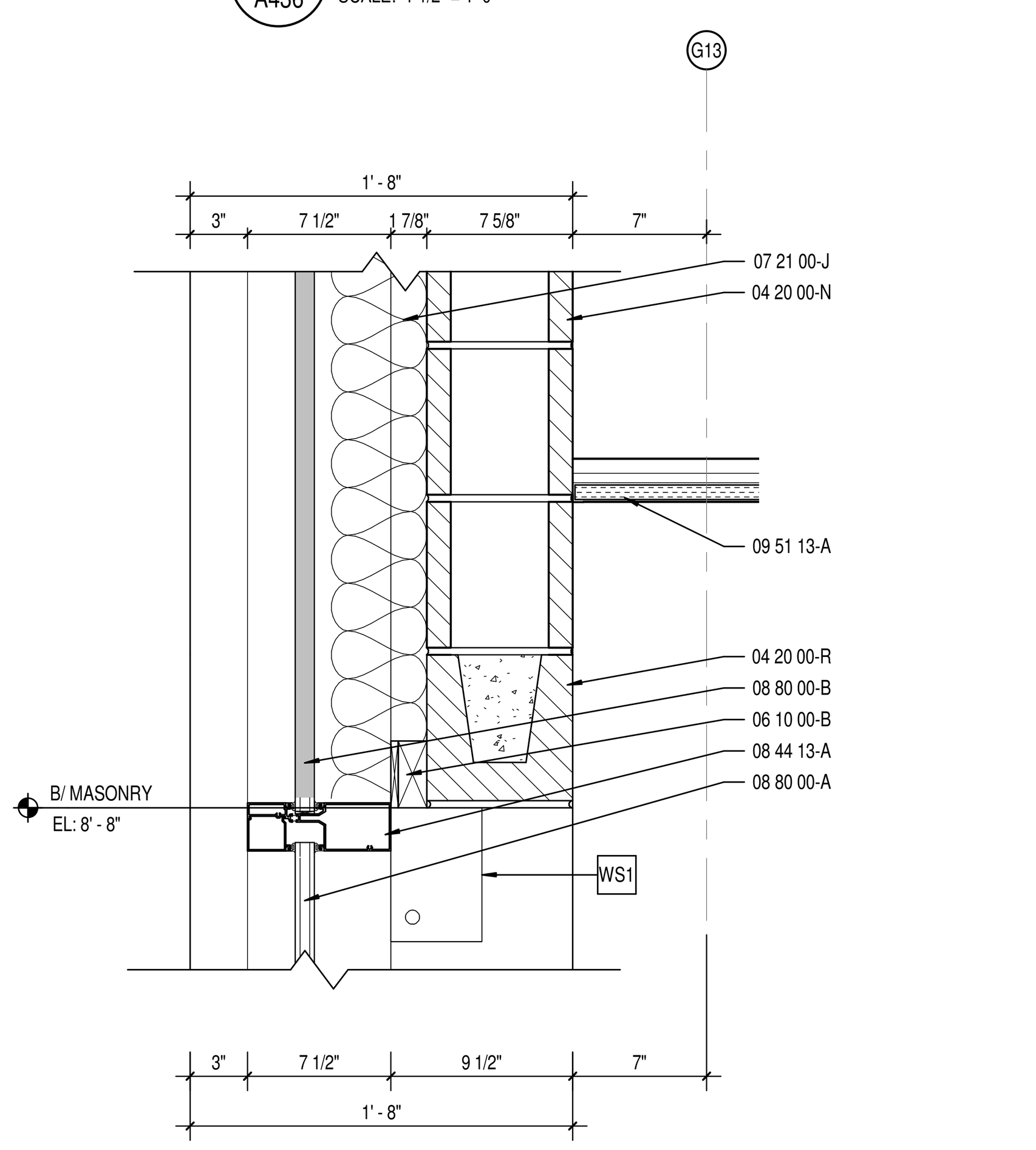
SCALE: 1 1/2" = 1'-0"



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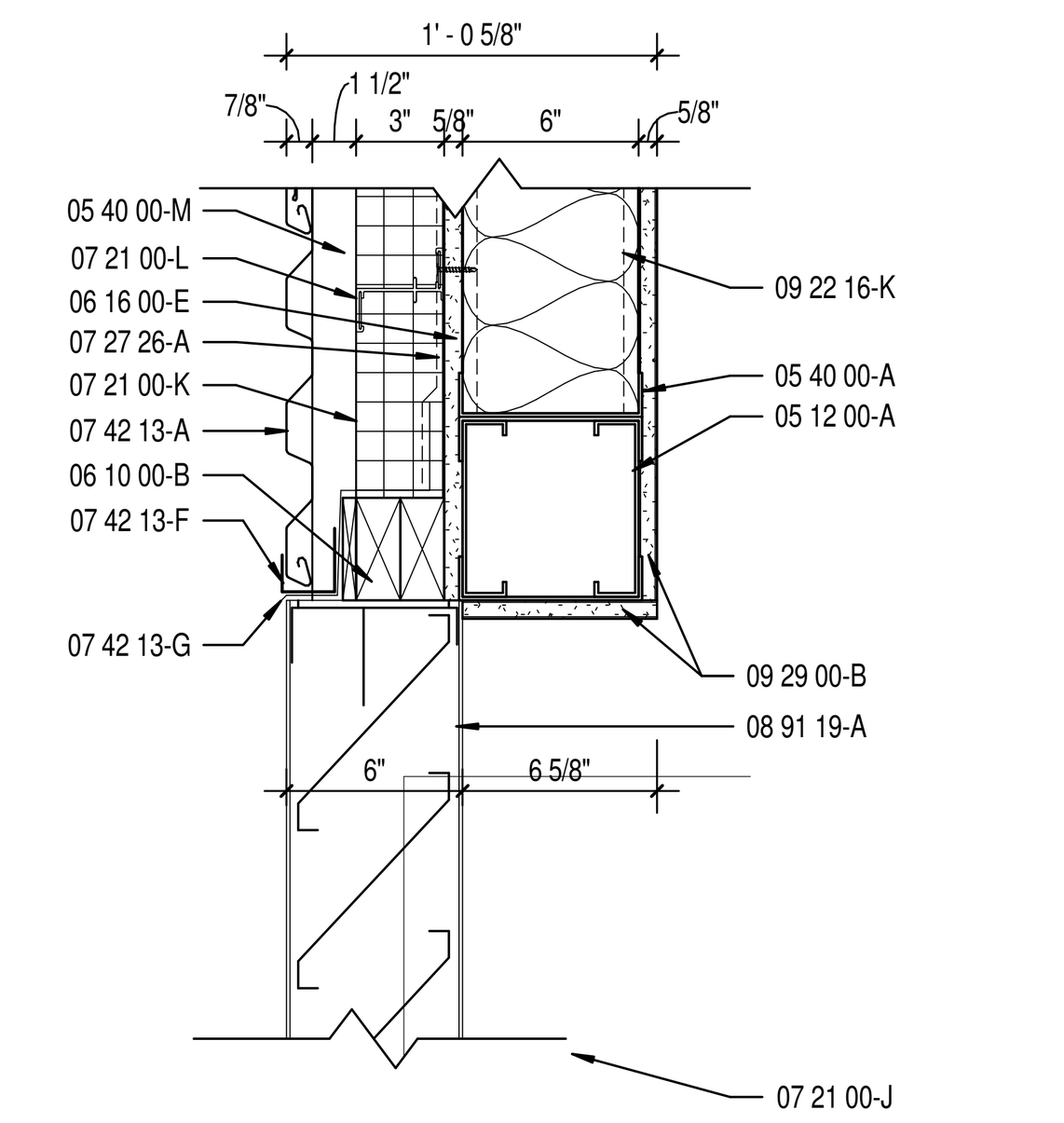
SCALE: 1 1/2" = 1'-0"



5 A436 SECTION DETAIL
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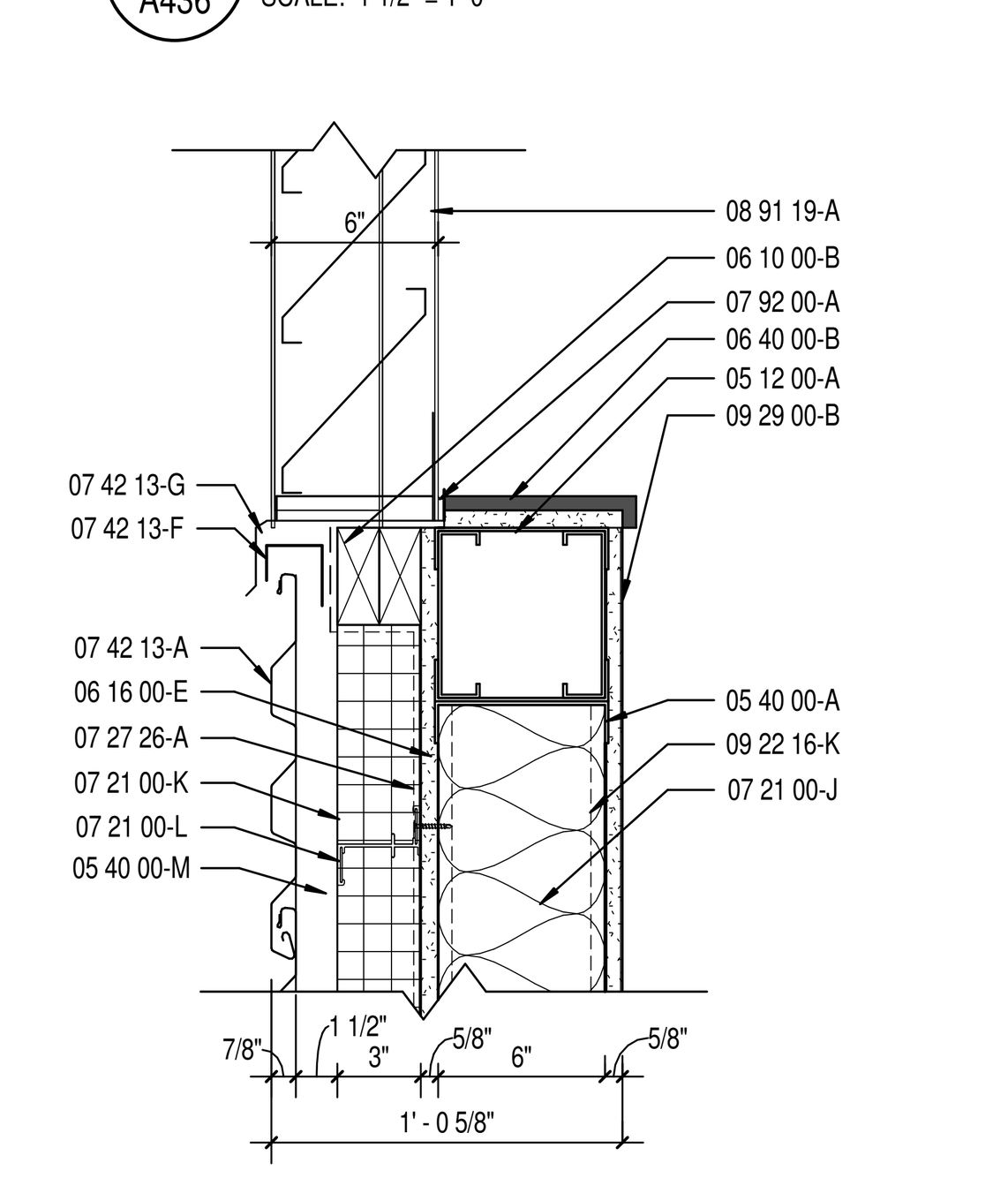

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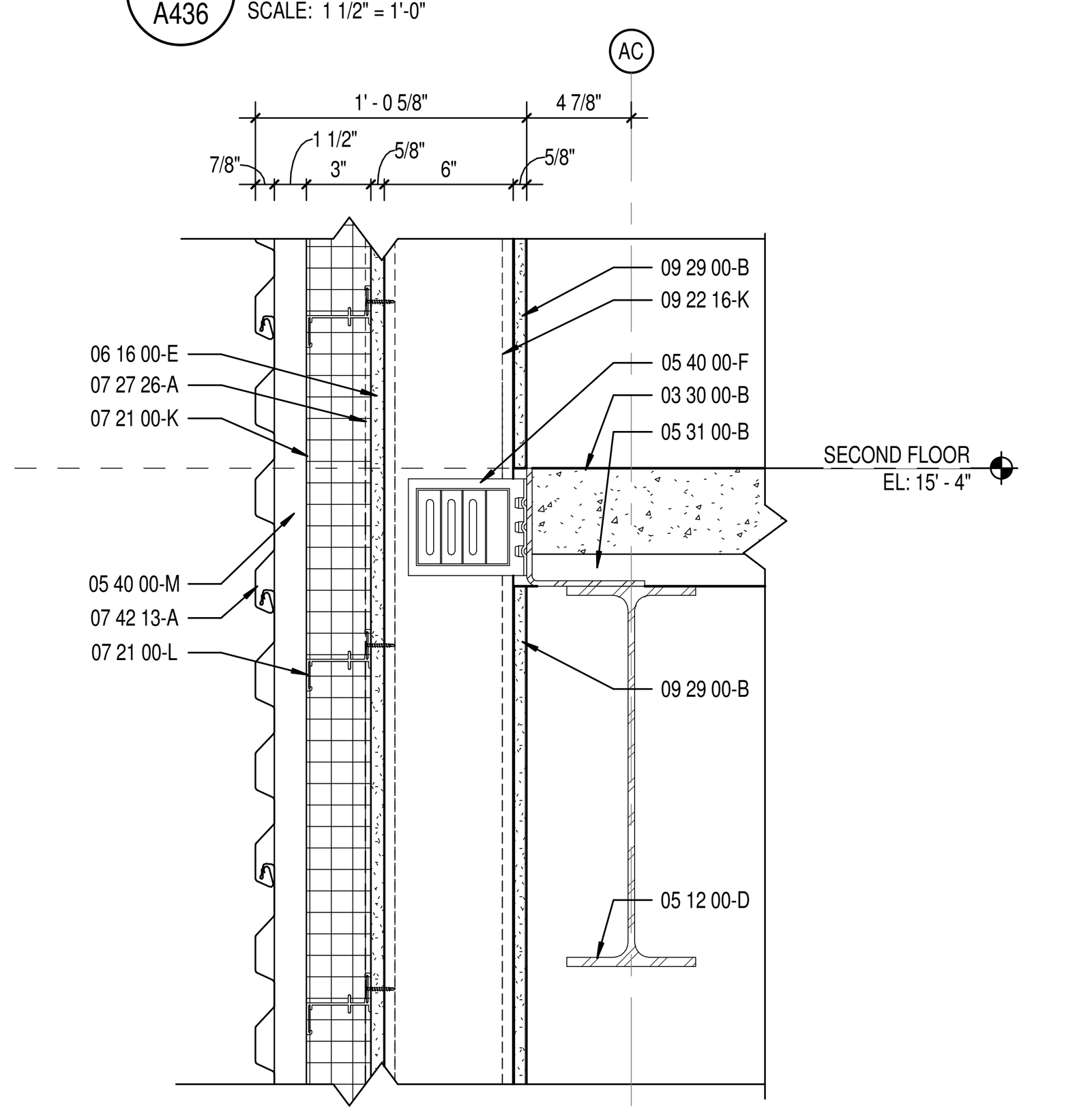
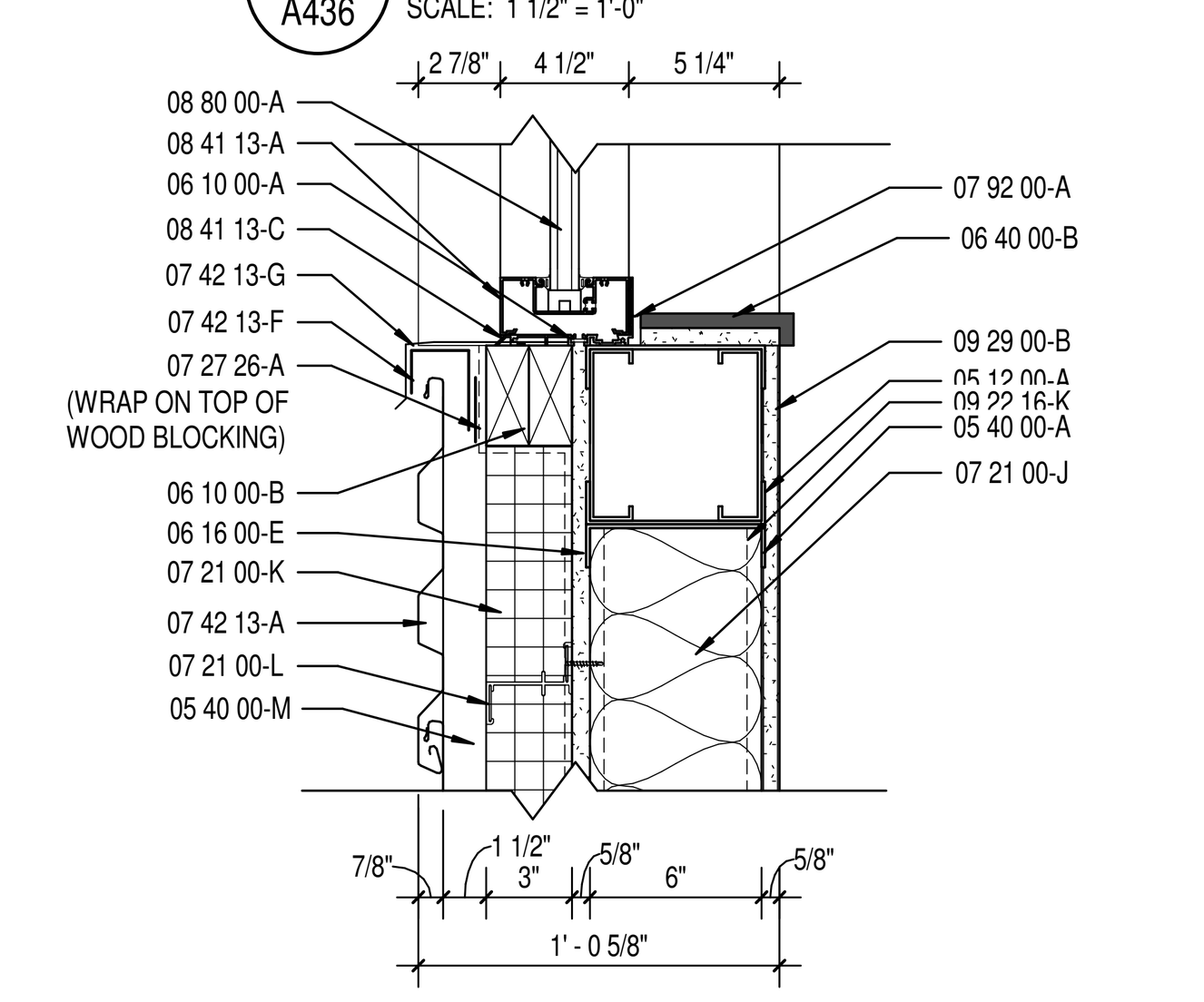
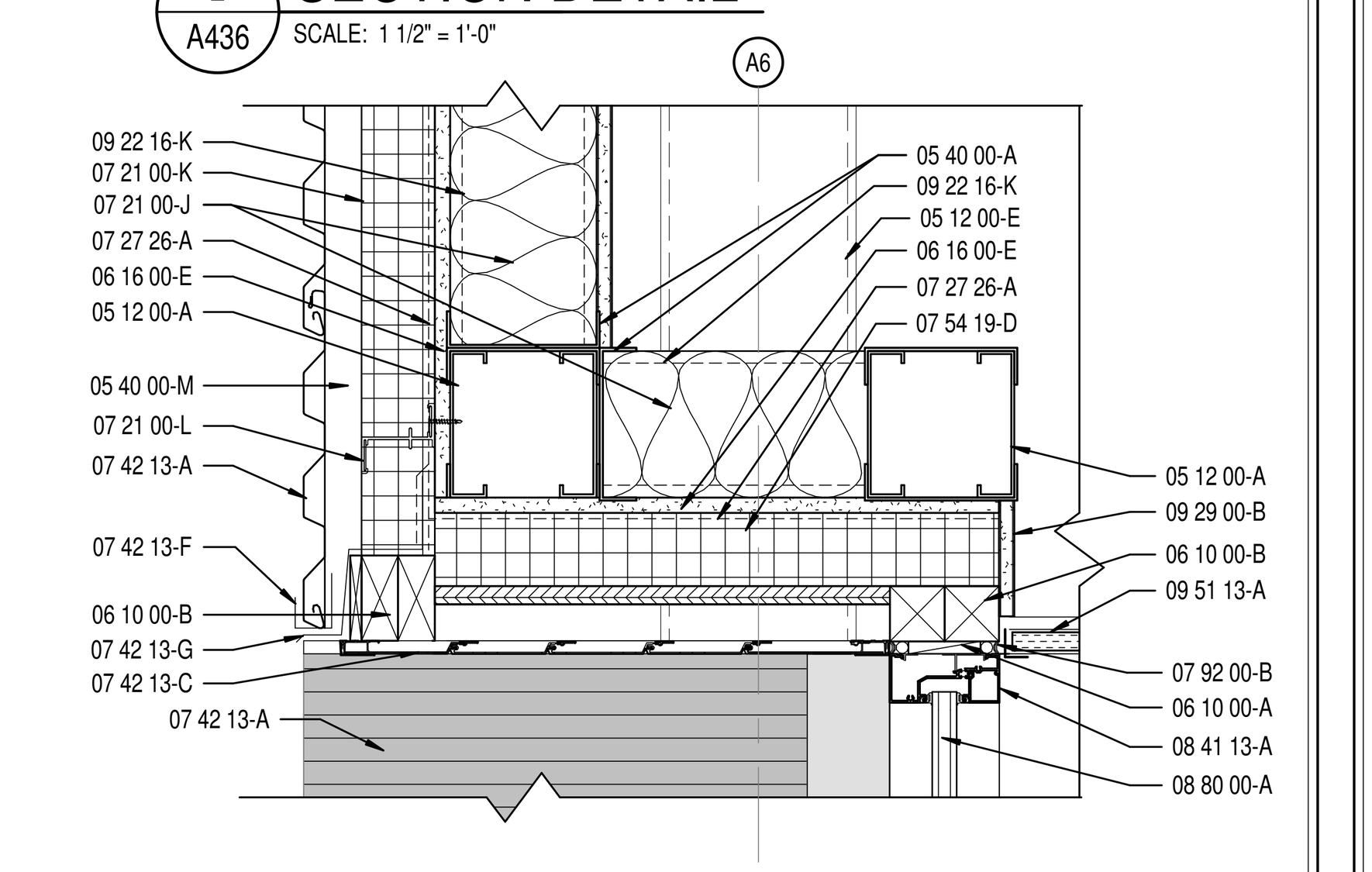


3 A436 SECTION DETAIL
SCALE: 1 1/2" = 1'-0"



2 A436 SECTION DETAIL
SCALE: 1 1/2" = 1'-0"



1 A436 SECTION DETAIL
SCALE: 1 1/2" = 1'-0"

KEYNOTE LEGEND

03 30 00-A	WATERSTOP
03 30 00-B	CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL
03 30 00-C	CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL
03 30 00-D	CONCRETE FOUNDATION- SEE STRUCTURAL
03 30 00-E	CONCRETE FOOTING- SEE STRUCTURAL
03 30 00-F	1/2" EXPANSION MATERIAL
04 20 00-A	GROUT CORE SOLID
04 20 00-B	MASONRY TIE
04 20 00-C	CELL WEEP VENTS @ 16" O.C.
04 20 00-D	ADJUSTIBLE MASONRY VENEER ANCHOR AT 16" O.C. VERTICALLY
04 20 00-F	METAL FLASHING
04 20 00-G	THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE
04 20 00-H	CAVITY DRAINAGE MATERIAL
04 20 00-J	BRICK TYPE 1 (WIRE CUT)
04 20 00-K	BRICK TYPE 2 (SMOOTH FACE)
04 20 00-K.1	BRICK TYPE 2 (SOLDIER COURSE) - SEE SIZE ON DRAWING 10/A430
04 20 00-L	4" CONCRETE MASONRY UNIT
04 20 00-M	6" CONCRETE MASONRY UNIT
04 20 00-N	8" CONCRETE MASONRY UNIT
04 20 00-O	10" CONCRETE MASONRY UNIT
04 20 00-P	12" CONCRETE MASONRY UNIT
04 20 00-Q	BULLNOSE UNIT
04 20 00-R	BOND BEAM MASONRY UNIT
04 20 00-S	DECORATIVE CMU (GROUND FACE)
04 20 00-T	ACOUSTICAL BLOCK
04 20 00-U	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, SMOOTH)
04 20 00-V	CALCIUM SILICATE MASONRY UNIT (LARGE FORMAT, SMOOTH)
04 20 00-W	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, ROUGH)
04 20 00-X	4" GROUND FACE CONCRETE MASONRY UNIT
04 72 00-A	CAST STONE SILL - SEE SIZE ON DRAWING 10/A430
04 72 00-B	CAST STONE
05 12 00-A	STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL
05 12 00-B	STEEL ANGLE- SEE STRUCTURAL
05 12 00-C	STEEL BENT PLATE- SEE STRUCTURAL
05 12 00-D	STEEL BEAM- SEE STRUCTURAL
05 12 00-E	STEEL COLUMN - SEE STRUCTURAL
05 12 00-F	STEEL PLATE - SEE STRUCTURAL
05 21 00-A	STEEL JOIST- SEE STRUCTURAL
05 31 00-A	METAL ROOF DECKING- SEE STRUCTURAL
05 31 00-B	METAL FLOOR DECKING- SEE STRUCTURAL
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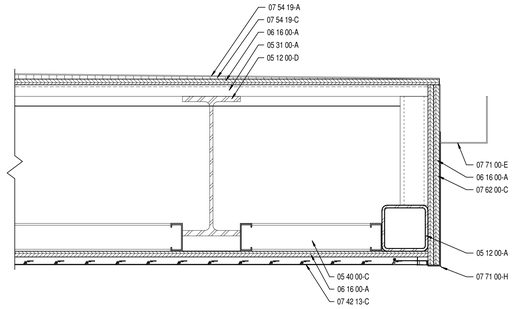
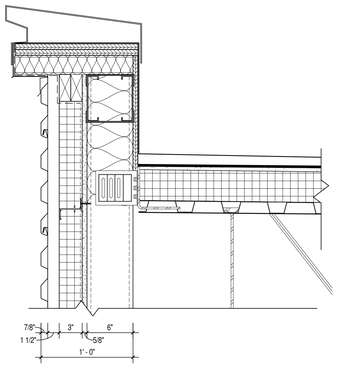
CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING TITLE:
SECTION DETAILS

DRAWING NUMBER
A436

PROJECT NUMBER
2023061





8 A437 SECTION DETAIL
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7 A437 GRAVEL STOP
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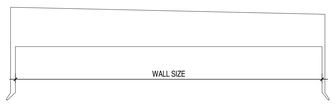

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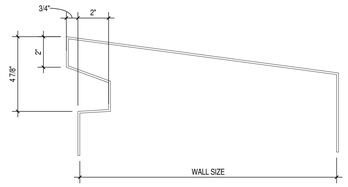

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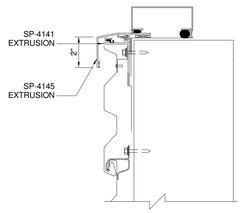

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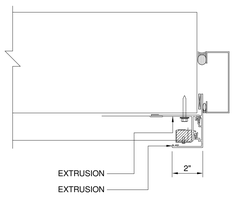

3 A437 REVEAL - JAMB OPENING
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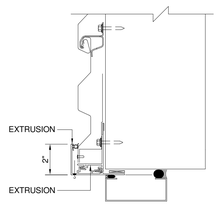

2 A437 REVEAL - HEAD OPENING
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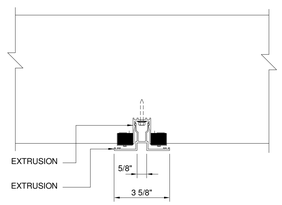

1 A437 VERTICAL REVEAL
SCALE: 3" = 1'-0"

KEYNOTE LEGEND

03 30 00-A	WATERSTOP
03 30 00-B	CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL
03 30 00-C	CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL
03 30 00-D	CONCRETE FOUNDATION- SEE STRUCTURAL
03 30 00-E	CONCRETE FOOTING- SEE STRUCTURAL
03 30 00-F	1/2" EXPANSION MATERIAL
04 20 00-A	GROUT CORE SOLID
04 20 00-B	MASONRY TIE
04 20 00-C	CELL WEEP VENTS @ 16" O.C.
04 20 00-D	ADJUSTIBLE MASONRY VENEER ANCHOR AT 16" O.C. VERTICALLY
04 20 00-F	METAL FLASHING
04 20 00-G	THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE
04 20 00-H	CAVITY DRAINAGE MATERIAL
04 20 00-J	BRICK TYPE 1 (WIRE CUT)
04 20 00-K	BRICK TYPE 2 (SMOOTH FACE)
04 20 00-K.1	BRICK TYPE 2 (SOLDIER COURSE) - SEE SIZE ON DRAWING 10/A430
04 20 00-L	4" CONCRETE MASONRY UNIT
04 20 00-M	6" CONCRETE MASONRY UNIT
04 20 00-N	8" CONCRETE MASONRY UNIT
04 20 00-O	10" CONCRETE MASONRY UNIT
04 20 00-P	12" CONCRETE MASONRY UNIT
04 20 00-Q	BULLNOSE UNIT
04 20 00-R	BOND BEAM MASONRY UNIT
04 20 00-S	DECORATIVE CMU (GROUND FACE)
04 20 00-T	ACOUSTICAL BLOCK
04 20 00-U	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, SMOOTH)
04 20 00-V	CALCIUM SILICATE MASONRY UNIT (LARGE FORMAT, SMOOTH)
04 20 00-W	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, ROUGH)
04 20 00-X	4" GROUND FACE CONCRETE MASONRY UNIT
04 72 00-A	CAST STONE SILL - SEE SIZE ON DRAWING 10/A430
04 72 00-B	CAST STONE
05 12 00-A	STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL
05 12 00-B	STEEL ANGLE- SEE STRUCTURAL
05 12 00-C	STEEL BENT PLATE- SEE STRUCTURAL
05 12 00-D	STEEL BEAM- SEE STRUCTURAL
05 12 00-E	STEEL COLUMN - SEE STRUCTURAL
05 12 00-F	STEEL PLATE - SEE STRUCTURAL
05 21 00-A	STEEL JOIST- SEE STRUCTURAL
05 31 00-A	METAL ROOF DECKING- SEE STRUCTURAL
05 31 00-B	METAL FLOOR DECKING- SEE STRUCTURAL
05 40 00-A	6" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-B	2 1/2" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-C	3 5/8" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-D	6"x6" 10 GA. COLD FORMED STEEL ANGLE, CUT TO FIT. ATTACH JAMB TO HEAD
05 40 00-F	CLIP ANGLE
05 40 00-J	3" 16GA. GALVANIZED Z-BAR SUB GIRTS
05 40 00-L	7/8" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 40 00-M	1 1/2" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 50 00-A	MISCELLANEOUS STEEL - SEE STRUCTURAL
05 50 00-B	GALVANIZED STEEL BRICK LINTEL
05 50 00-E	PRE-MANUFACTURED ALUMINUM ACCESS LADDER
05 50 00-F	ELEVATOR HOIST BEAM- COORDINATE WITH ELEVATOR MANUFACTURER
05 51 00-A	MANUFACTURED STEEL FRAMED STAIR
05 51 00-B	CONCRETE FILLED METAL PAN TREAD AND RISER
05 51 00-C	STAIR METAL STRINGER- CHANNEL
05 51 00-D	STAIR METAL STRINGER - TUBE
05 52 13-E	1-1/4" I.D. PAINTED STEEL PIPE RAILING
05 52 13-F	1-1/4" I.D. PAINTED STEEL PIPE HANDRAIL
05 52 13-G	1-1/4" I.D. PAINTED GALVANIZED STEEL PIPE RAILING
05 52 13-U	1-1/2" O.D. GALVANIZED STEEL PIPE GUARDRAIL
05 73 00-A	DECORATIVE METAL RAILING
05 73 00-B	1-1/4" I.D. COLOR ANODIZED ALUMINUM HANDRAIL
06 10 00-A	SHIM AS REQUIRED
06 10 00-B	2X WOOD BLOCKING
06 16 00-A	3/4" EXTERIOR GRADE PLYWOOD
06 16 00-B	5/8" EXTERIOR GRADE PLYWOOD
06 16 00-C	TWO LAYERS OF 3/4" EXTERIOR GRADE PLYWOOD
06 16 00-D	1/2" EXTERIOR GRADE PLYWOOD
06 16 00-E	5/8" EXTERIOR GYPSUM SHEATHING
06 40 00-A	1 1/2" WOOD TRIM
06 40 00-B	SOILD SURFACE WINDOW STOOL
06 40 00-G	1X HARDWOOD TRIM, STAINED
07 13 26-A	SELF-ADHEREING SHEET WATERPROOFING
07 13 26-B	RIGID INSULATION
07 13 26-C	MOLDED SHEET DRAINAGE PANEL
07 21 00-A	SLAB PERIMETER RIGID INSULATION (R-15 FOR 24")
07 21 00-J	PACK FULL WITH MINERAL WOOL INSULATION
07 21 00-K	3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8)
07 21 00-L	3" THERMALLY ISOLATED COMPOSITE Z-GIRT INSULATION SYSTEM
07 21 00-N	MINERAL WOOL BATT INSULATION
07 27 26-A	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE
07 27 26-B	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE, EXTEND AROUND BLOCK TO UNDER WINDOW / PARAPET
07 31 13-A	ASPHALT SHINGLE ROOF
07 42 13-A	PRE-FINISHED METAL WALL PANEL
07 42 13-B	METAL WALL PANEL
07 42 13-C	METAL WALL PANEL - SOFFIT
07 42 13-E	FLASHING WITH DRIP EDGE
07 42 13-F	EXTRUDED TRIM BY MFR
07 42 13-G	THROUGH WALL FLASHING WITH PERFORMED METAL DRIP EDGE
07 54 19-A	POLYVINYL-CHLORIDE (PVC) MEMBRANE ROOFING SYSTEM
07 54 19-B	1/2" COVER BOARD
07 54 19-C	TAPERED POLYISO INSULATION BOARD
07 54 19-D	2 LAYERS OF 2" POLYISO INSULATION BOARD (TOTAL R-VALUE = 22.8)
07 54 19-E	MEMBRANE ROOFING-EXTEND OVER & ATTACH TO FRONT FACE OF PARAPET
07 54 19-F	1 1/2" POLYISO INSULATION BOARD
07 54 19-G	TERMINATION BAR, SET IN WATER CUT OFF MASTIC.
07 62 00-C	FASCIA CLADDING
07 62 00-J	DRIP EDGE
07 62 00-M	PRE-FINISHED METAL GUTTER
07 62 00-N	PREFINISHED METAL DOWNSPOUT
07 71 00-A	MANUFACTURED COPING
07 71 00-B	MANUFACTURED GRAVEL STOP
07 71 00-C	MANUFACTURED FASCIA CLADDING
07 71 00-D	MANUFACTURED COUNTERFLASHING SYSTEM
07 71 00-E	MANUFACTURED GUTTER
07 71 00-F	MANUFACTURED DOWNSPOUT
07 71 00-H	MANUFACTURED DRIP EDGE
07 71 29-A	MANUFACTURED ROOF EXPANSION JOINT ASSEMBLY
07 71 29-B	MANUFACTURED ROOF TO WALL EXPANSION JOINT ASSEMBLY
07 84 13-A	PENETRATION FIRESTOPPING
07 92 00-A	SEALANT
07 92 00-B	SEALANT EACH SIDE, TYPICAL
07 95 13.13-A	INTERIOR EXPANSION JOINT COVER ASSEMBLY
07 95 13.16-A	EXTERIOR EXPANSION JOINT COVER ASSEMBLY
08 11 13-A	HOLLOW METAL DOOR/BORROWED LIGHT FRAME
08 11 13-B	HOLLOW METAL DOOR
08 14 16-A	FLUSH WOOD DOOR
08 33 13-A	OVERHEAD COILING COUNTER DOOR
08 33 13-B	OVERHEAD COILING COUNTER GRILLE
08 33 13-C	INSULATED COILING COUNTER DOOR
08 33 13-E	GUIDE
08 33 23-A	OVERHEAD COILING DOOR
08 33 23-J	BREAK METAL TO MATCH DOOR GUIDE FINISH
08 33 23-K	OVERHEAD COILING DOOR WITH INTEGRATED PASS DOOR
08 41 13-A	4 1/2" ALUMINUM-FRAMED STOREFRONT
08 41 13-B	WIDE STYLE ALUMINUM ENTRANCE DOOR
08 41 13-C	ALUMINUM BRAKE METAL TO MATCH STOREFRONT FRAME
08 44 13-A	7 1/2" DEEP ALUMINUM CURTAINWALL SYSTEM
08 44 13-C	CURTAINWALL ATTACHMENT MEMBER, ALLOW FOR THERMAL MOVEMENT
08 44 13-D	ALUMINUM BREAKMETAL TO MATCH CURTAINWALL FRAME
08 44 13-F	10" DEEP ALUMINUM CURTAINWALL SYSTEM
08 80 00-A	GLAZING - SEE SCHEDULE/ELEVATIONS
08 80 00-B	SPANDREL PANEL - SEE SCHEDULE/ELEVATIONS
08 91 19-A	FIXED LOUVER
09 22 16-D	7/8" FURRING CHANNEL
09 22 16-G	2 1/2" STEEL STUD
09 22 16-H	3 5/8" STEEL STUD
09 22 16-K	6" STEEL STUD
09 29 00-B	5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE)
09 29 00-D	SOUND ATTENUATION INSULATION
09 29 00-E	SUSPENDED GYPSUM BOARD CEILING ASSEMBLY
09 51 13-A	ACOUSTICAL CEILING SUSPENSION ASSEMBLY
09 51 13-C	SUSPENDED CEILING METAL EDGE TRIM
09 82 00-A	SOUND DIFFUSIVE WOOD UNITS
10 14 23-A	PANEL SIGNAGE
10 82 00-A	ROOF AND WALL SCREENS
12 24 13	
12 24 13-A	ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE
14 24 00-D	PIT LADDER
31 20 00-C	DRAINING GRANULAR FILL
32 13 16-A	SIDEWALK- SEE LANDSCAPE SHEETS
32 31 13-A	CHAIN-LINK FENCE- SEE LANDSCAPE SHEETS
32 31 19-A	ORNAMENTAL FENCE- SEE LANDSCAPE SHEETS

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. They are not intended to be construction documents describe all work required for full performance and completion of the requirements of the Contract.
The Contractor shall furnish additional scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
SECTION DETAILS

CERTIFIED BY:
BRENT C. HIDE
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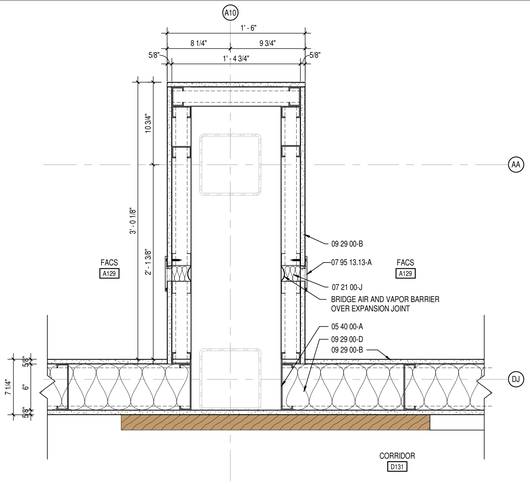

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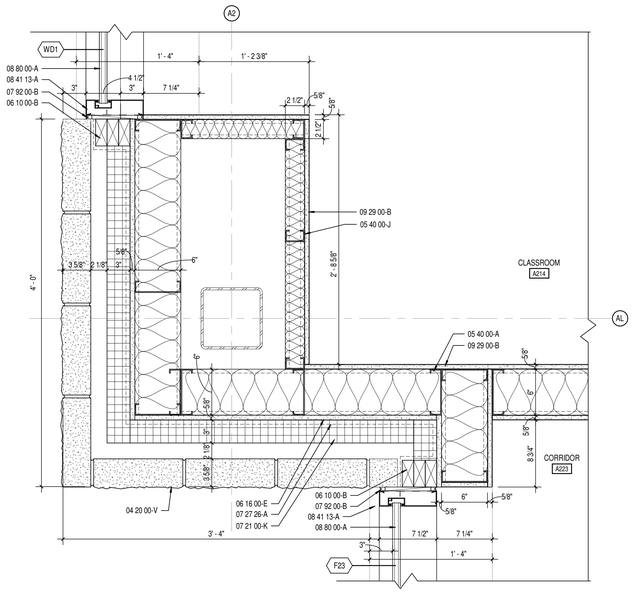

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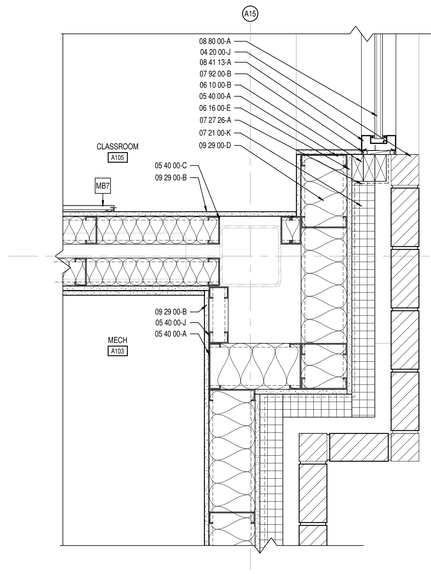

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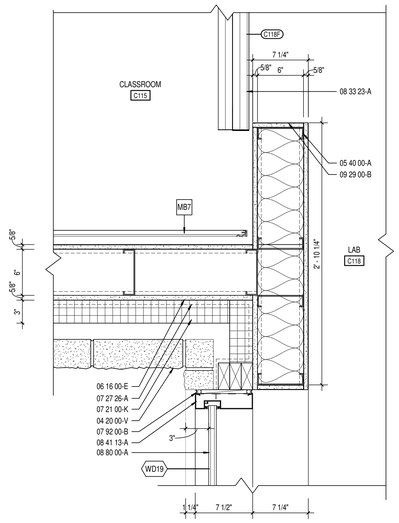

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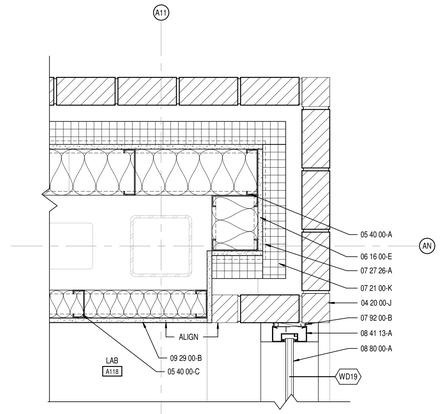

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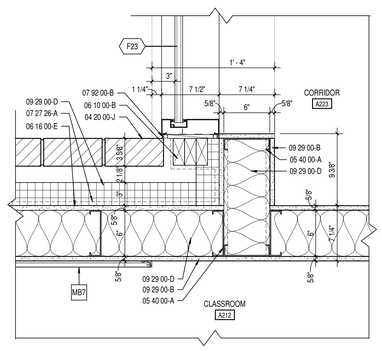

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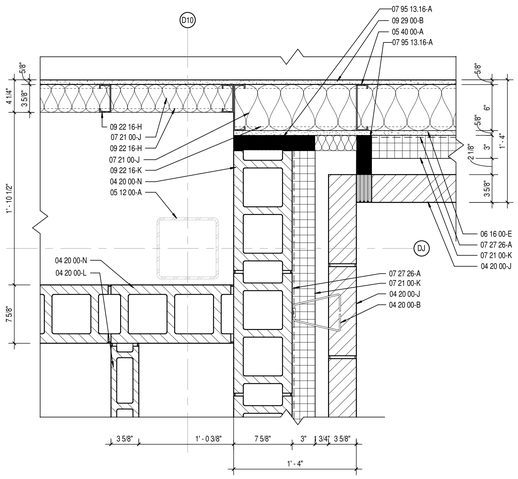

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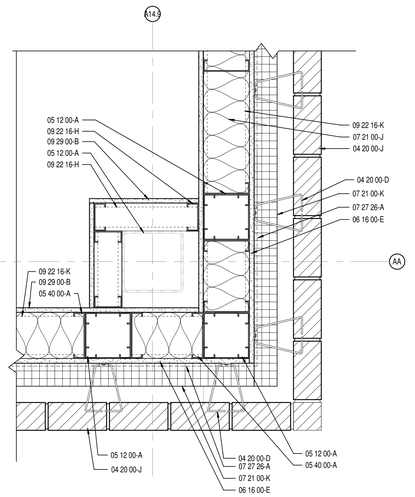

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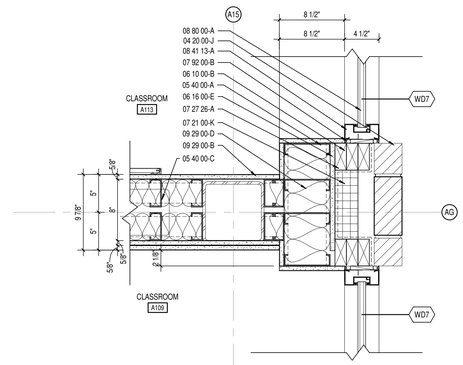

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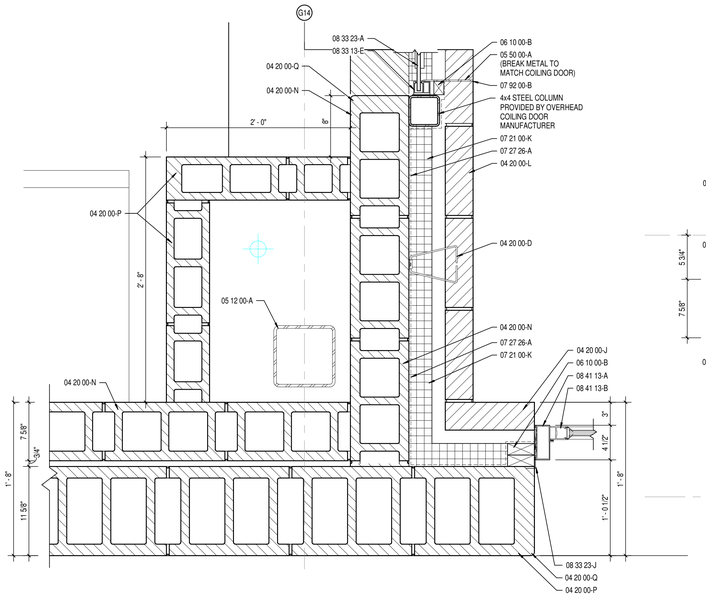

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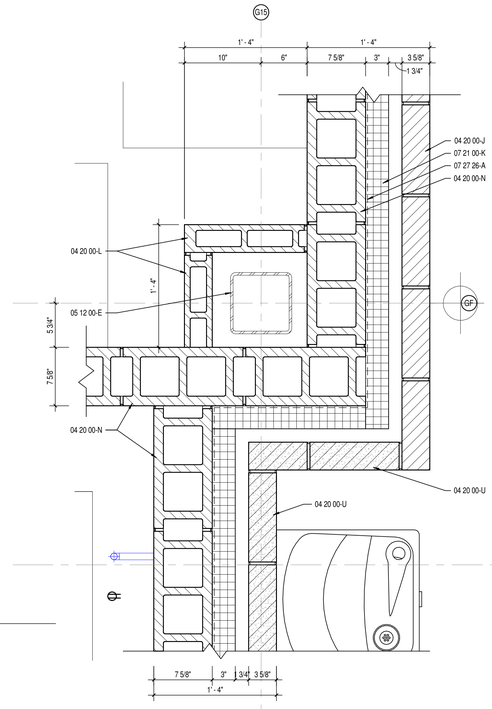

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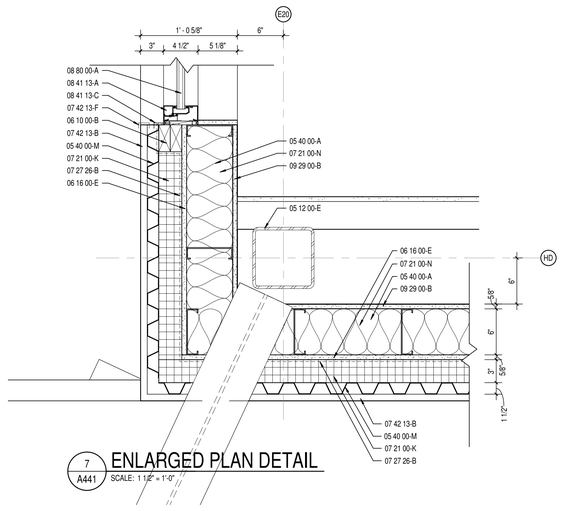

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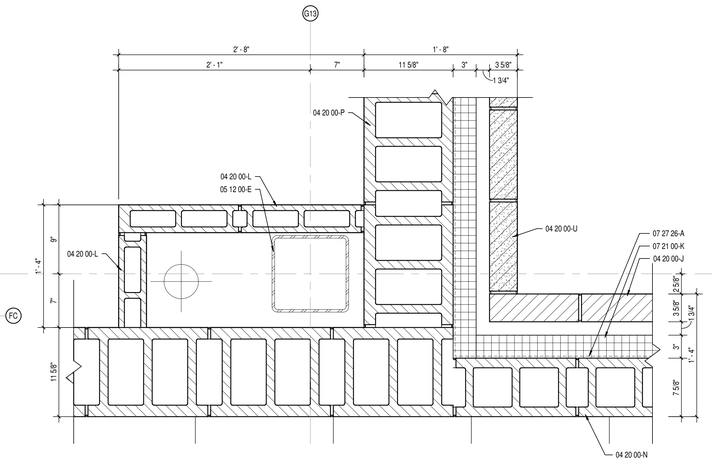

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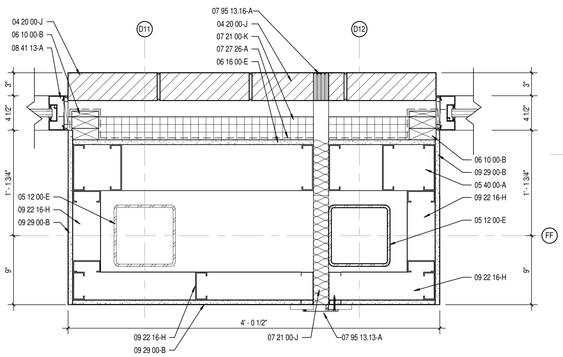

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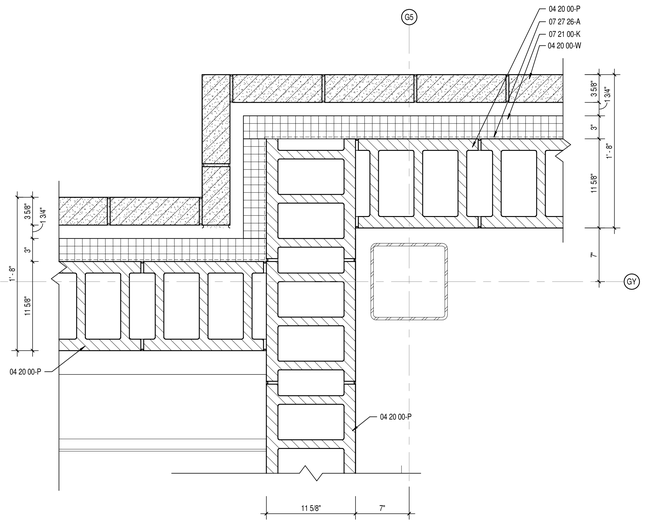

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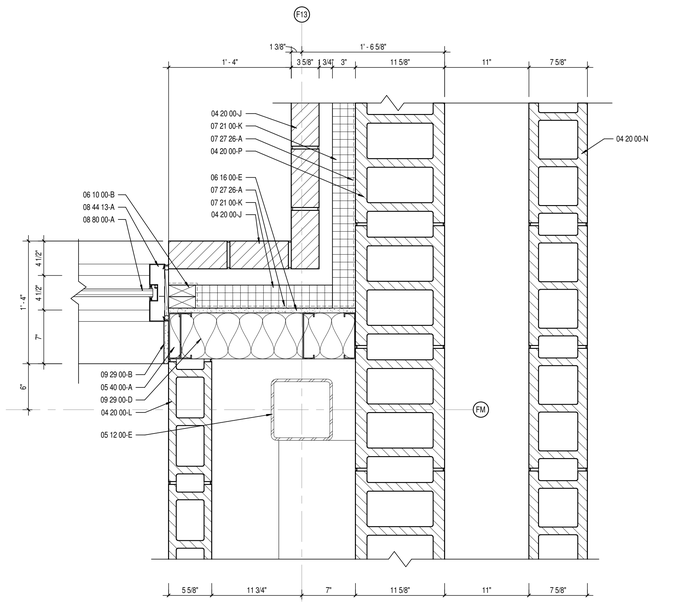

2 A441 ENLARGED PLAN DETAIL
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KEYNOTE LEGEND

03 30 00-A	WATERSTOP
03 30 00-B	CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL
03 30 00-C	CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL
03 30 00-D	CONCRETE FOUNDATION- SEE STRUCTURAL
03 30 00-E	CONCRETE FOOTING- SEE STRUCTURAL
03 30 00-F	1/2" EXPANSION MATERIAL
04 20 00-A	GROUT CORE SOLID
04 20 00-B	MASONRY TIE
04 20 00-C	CELL WEEP VENTS @ 16" O.C.
04 20 00-D	ADJUSTIBLE MASONRY VENEER ANCHOR AT 16" O.C. VERTICALLY
04 20 00-F	METAL FLASHING
04 20 00-G	THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE
04 20 00-H	CAVITY DRAINAGE MATERIAL
04 20 00-J	BRICK TYPE 1 (WIRE CUT)
04 20 00-K	BRICK TYPE 2 (SMOOTH FACE)
04 20 00-K.1	BRICK TYPE 2 (SOLDIER COURSE) - SEE SIZE ON DRAWING 10/A430
04 20 00-L	4" CONCRETE MASONRY UNIT
04 20 00-M	6" CONCRETE MASONRY UNIT
04 20 00-N	8" CONCRETE MASONRY UNIT
04 20 00-O	10" CONCRETE MASONRY UNIT
04 20 00-P	12" CONCRETE MASONRY UNIT
04 20 00-Q	BULLNOSE UNIT
04 20 00-R	BOND BEAM MASONRY UNIT
04 20 00-S	DECORATIVE CMU (GROUND FACE)
04 20 00-T	ACOUSTICAL BLOCK
04 20 00-U	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, SMOOTH)
04 20 00-V	CALCIUM SILICATE MASONRY UNIT (LARGE FORMAT, SMOOTH)
04 20 00-W	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, ROUGH)
04 20 00-X	4" GROUND FACE CONCRETE MASONRY UNIT
04 72 00-A	CAST STONE SILL - SEE SIZE ON DRAWING 10/A430
04 72 00-B	CAST STONE
05 12 00-A	STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL
05 12 00-B	STEEL ANGLE- SEE STRUCTURAL
05 12 00-C	STEEL BENT PLATE- SEE STRUCTURAL
05 12 00-D	STEEL BEAM- SEE STRUCTURAL
05 12 00-E	STEEL COLUMN - SEE STRUCTURAL
05 12 00-F	STEEL PLATE - SEE STRUCTURAL
05 21 00-A	STEEL JOIST- SEE STRUCTURAL
05 31 00-A	METAL ROOF DECKING- SEE STRUCTURAL
05 31 00-B	METAL FLOOR DECKING- SEE STRUCTURAL
05 40 00-A	6" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-B	2 1/2" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-C	3 5/8" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-D	6"x6" 10 GA. COLD FORMED STEEL ANGLE, CUT TO FIT. ATTACH JAMB TO HEAD
05 40 00-F	CLIP ANGLE
05 40 00-J	3" 16GA. GALVANIZED Z-BAR SUB GIRTS
05 40 00-L	7/8" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 40 00-M	1 1/2" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 50 00-A	MISCELLANEOUS STEEL - SEE STRUCTURAL
05 50 00-B	GALVANIZED STEEL BRICK LINTEL
05 50 00-E	PRE-MANUFACTURED ALUMINUM ACCESS LADDER
05 50 00-F	ELEVATOR HOIST BEAM- COORDINATE WITH ELEVATOR MANUFACTURER
05 51 00-A	MANUFACTURED STEEL FRAMED STAIR
05 51 00-B	CONCRETE FILLED METAL PAN TREAD AND RISER
05 51 00-C	STAIR METAL STRINGER- CHANNEL
05 51 00-D	STAIR METAL STRINGER - TUBE
05 52 13-E	1-1/4" I.D. PAINTED STEEL PIPE RAILING
05 52 13-F	1-1/4" I.D. PAINTED STEEL PIPE HANDRAIL
05 52 13-G	1-1/4" I.D. PAINTED GALVANIZED STEEL PIPE RAILING
05 52 13-U	1-1/2" O.D. GALVANIZED STEEL PIPE GUARDRAIL
05 73 00-A	DECORATIVE METAL RAILING
05 73 00-B	1-1/4" I.D. COLOR ANODIZED ALUMINUM HANDRAIL
06 10 00-A	SHIM AS REQUIRED
06 10 00-B	2X WOOD BLOCKING
06 16 00-A	3/4" EXTERIOR GRADE PLYWOOD
06 16 00-B	5/8" EXTERIOR GRADE PLYWOOD
06 16 00-C	TWO LAYERS OF 3/4" EXTERIOR GRADE PLYWOOD
06 16 00-D	1/2" EXTERIOR GRADE PLYWOOD
06 16 00-E	5/8" EXTERIOR GYPSUM SHEATHING
06 40 00-A	1 1/2" WOOD TRIM
06 40 00-B	SOILD SURFACE WINDOW STOOL
06 40 00-G	1X HARDWOOD TRIM, STAINED
07 13 26-A	SELF-ADHEREING SHEET WATERPROOFING
07 13 26-B	RIGID INSULATION
07 13 26-C	MOLDED SHEET DRAINAGE PANEL
07 21 00-A	SLAB PERIMETER RIGID INSULATION (R-15 FOR 24")
07 21 00-J	PACK FULL WITH MINERAL WOOL INSULATION
07 21 00-K	3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8)
07 21 00-L	3" THERMALLY ISOLATED COMPOSITE Z-GIRT INSULATION SYSTEM
07 21 00-N	MINERAL WOOL BATT INSULATION
07 27 26-A	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE
07 27 26-B	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE, EXTEND AROUND BLOCK TO UNDER WINDOW / PARAPET
07 31 13-A	ASPHALT SHINGLE ROOF
07 42 13-A	PRE-FINISHED METAL WALL PANEL
07 42 13-B	METAL WALL PANEL
07 42 13-C	METAL WALL PANEL - SOFFIT
07 42 13-E	FLASHING WITH DRIP EDGE
07 42 13-F	EXTRUDED TRIM BY MFR
07 42 13-G	THROUGH WALL FLASHING WITH PERFORMED METAL DRIP EDGE
07 54 19-A	POLYVINYL-CHLORIDE (PVC) MEMBRANE ROOFING SYSTEM
07 54 19-B	1/2" COVER BOARD
07 54 19-C	TAPERED POLYISO INSULATION BOARD
07 54 19-D	2 LAYERS OF 2" POLYISO INSULATION BOARD (TOTAL R-VALUE = 22.8)
07 54 19-E	MEMBRANE ROOFING-EXTEND OVER & ATTACH TO FRONT FACE OF PARAPET
07 54 19-F	1 1/2" POLYISO INSULATION BOARD
07 54 19-G	TERMINATION BAR, SET IN WATER CUT OFF MASTIC.
07 62 00-C	FASCIA CLADDING
07 62 00-J	DRIP EDGE
07 62 00-M	PRE-FINISHED METAL GUTTER
07 62 00-N	PREFINISHED METAL DOWNSPOUT
07 71 00-A	MANUFACTURED COPING
07 71 00-B	MANUFACTURED GRAVEL STOP
07 71 00-C	MANUFACTURED FASCIA CLADDING
07 71 00-D	MANUFACTURED COUNTERFLASHING SYSTEM
07 71 00-E	MANUFACTURED GUTTER
07 71 00-F	MANUFACTURED DOWNSPOUT
07 71 00-H	MANUFACTURED DRIP EDGE
07 71 29-A	MANUFACTURED ROOF EXPANSION JOINT ASSEMBLY
07 71 29-B	MANUFACTURED ROOF TO WALL EXPANSION JOINT ASSEMBLY
07 84 13-A	PENETRATION FIRESTOPPING
07 92 00-A	SEALANT
07 92 00-B	SEALANT EACH SIDE, TYPICAL
07 95 13.13-A	INTERIOR EXPANSION JOINT COVER ASSEMBLY
07 95 13.16-A	EXTERIOR EXPANSION JOINT COVER ASSEMBLY
08 11 13-A	HOLLOW METAL DOOR/BORROWED LIGHT FRAME
08 11 13-B	HOLLOW METAL DOOR
08 14 16-A	FLUSH WOOD DOOR
08 33 13-A	OVERHEAD COILING COUNTER DOOR
08 33 13-B	OVERHEAD COILING COUNTER GRILLE
08 33 13-C	INSULATED COILING COUNTER DOOR
08 33 13-E	GUIDE
08 33 23-A	OVERHEAD COILING DOOR
08 33 23-J	BREAK METAL TO MATCH DOOR GUIDE FINISH
08 33 23-K	OVERHEAD COILING DOOR WITH INTEGRATED PASS DOOR
08 41 13-A	4 1/2" ALUMINUM-FRAMED STOREFRONT
08 41 13-B	WIDE STYLE ALUMINUM ENTRANCE DOOR
08 41 13-C	ALUMINUM BRAKE METAL TO MATCH STOREFRONT FRAME
08 44 13-A	7 1/2" DEEP ALUMINUM CURTAINWALL SYSTEM
08 44 13-C	CURTAINWALL ATTACHMENT MEMBER, ALLOW FOR THERMAL MOVEMENT
08 44 13-D	ALUMINUM BREAKMETAL TO MATCH CURTAINWALL FRAME
08 44 13-F	10" DEEP ALUMINUM CURTAINWALL SYSTEM
08 80 00-A	GLAZING - SEE SCHEDULE/ELEVATIONS
08 80 00-B	SPANDREL PANEL - SEE SCHEDULE/ELEVATIONS
08 91 19-A	FIXED LOUVER
09 22 16-D	7/8" FURRING CHANNEL
09 22 16-G	2 1/2" STEEL STUD
09 22 16-H	3 5/8" STEEL STUD
09 22 16-K	6" STEEL STUD
09 29 00-B	5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE)
09 29 00-D	SOUND ATTENUATION INSULATION
09 29 00-E	SUSPENDED GYPSUM BOARD CEILING ASSEMBLY
09 51 13-A	ACOUSTICAL CEILING SUSPENSION ASSEMBLY
09 51 13-C	SUSPENDED CEILING METAL EDGE TRIM
09 82 00-A	SOUND DIFFUSIVE WOOD UNITS
10 14 23-A	PANEL SIGNAGE
10 82 00-A	ROOF AND WALL SCREENS
12 24 13	ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE
12 24 13-A	PIT LADDER
14 24 00-D	DRAINING GRANULAR FILL
31 20 00-C	SIDEWALK- SEE LANDSCAPE SHEETS
32 13 16-A	CHAIN-LINK FENCE- SEE LANDSCAPE SHEETS
32 31 13-A	ORNAMENTAL FENCE- SEE LANDSCAPE SHEETS
32 31 19-A	

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. They are not intended to be construction documents or describe all work required for full performance and completion of the requirements of the Contract.
The Trade Contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

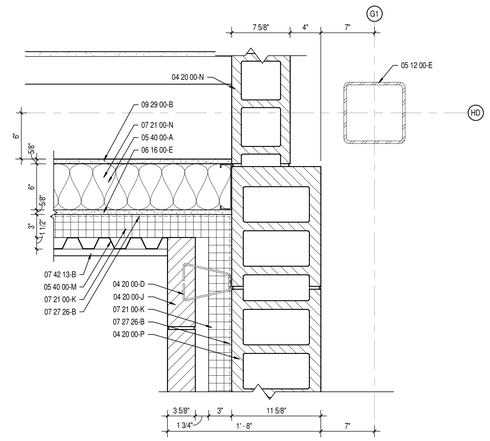
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
ENLARGED PLAN DETAILS

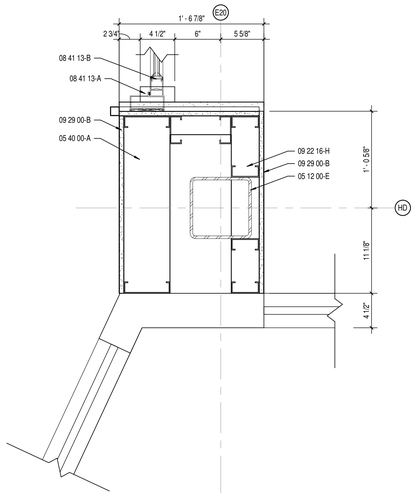
CERTIFIED BY:
BRENT C. HIRT
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A441

PROJECT NUMBER
2023061



9 A442 ENLARGED PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



8 A442 ENLARGED PLAN DETAIL
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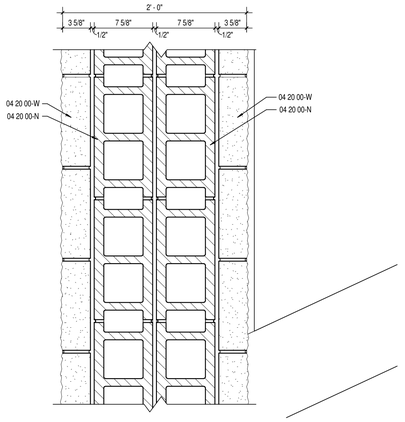

7 A442 ENLARGED PLAN DETAIL
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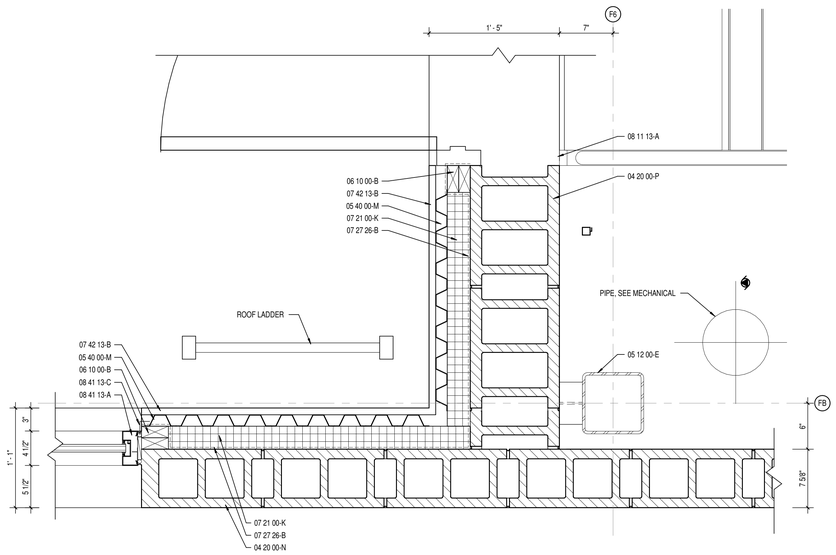

6 A442 ENLARGED PLAN DETAIL
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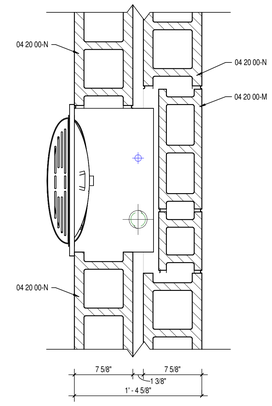
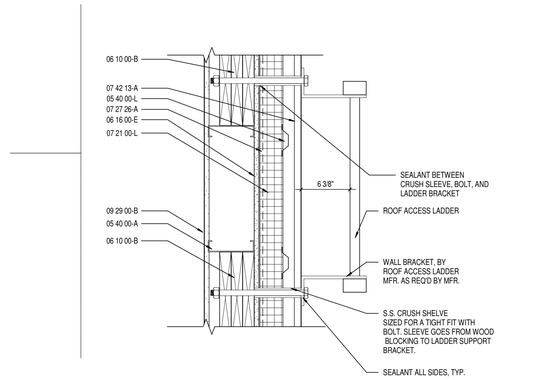
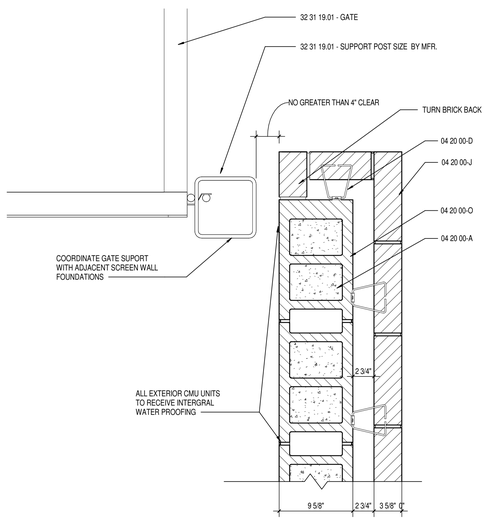


5 A442 ENLARGED PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



3 A442 ROOF LADDER ATTACHMENT @ STEEL STUDS
SCALE: 1 1/2" = 1'-0"



4 A442 SCREEN WALL PLAN DETAIL
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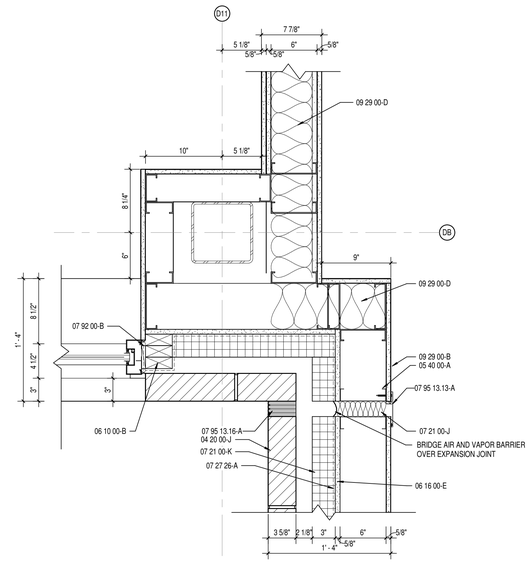
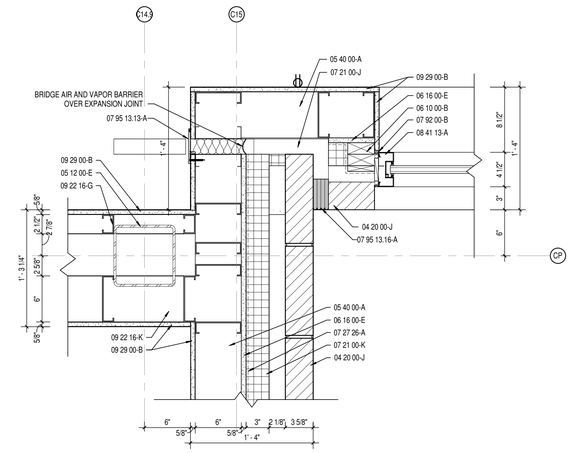


2 A442 ENLARGED PLAN DETIAL
SCALE: 1 1/2" = 1'-0"



1 A442 ENLARGED PLAN DETAIL
SCALE: 1 1/2" = 1'-0"

KEYNOTE LEGEND

03 30 00-A	WATERSTOP
03 30 00-B	CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL
03 30 00-C	CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL
03 30 00-D	CONCRETE FOUNDATION- SEE STRUCTURAL
03 30 00-E	CONCRETE FOOTING- SEE STRUCTURAL
03 30 00-F	1/2" EXPANSION MATERIAL
04 20 00-A	GROUT CORE SOLID
04 20 00-B	MASONRY TIE
04 20 00-C	CELL WEEP VENTS @ 16" O.C.
04 20 00-D	ADJUSTIBLE MASONRY VENEER ANCHOR AT 16" O.C. VERTICALLY
04 20 00-F	METAL FLASHING
04 20 00-G	THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE
04 20 00-H	CAVITY DRAINAGE MATERIAL
04 20 00-J	BRICK TYPE 1 (WIRE CUT)
04 20 00-K	BRICK TYPE 2 (SMOOTH FACE)
04 20 00-K.1	BRICK TYPE 2 (SOLDIER COURSE) - SEE SIZE ON DRAWING 10/A430
04 20 00-L	4" CONCRETE MASONRY UNIT
04 20 00-M	6" CONCRETE MASONRY UNIT
04 20 00-N	8" CONCRETE MASONRY UNIT
04 20 00-O	10" CONCRETE MASONRY UNIT
04 20 00-P	12" CONCRETE MASONRY UNIT
04 20 00-Q	BULLNOSE UNIT
04 20 00-R	BOND BEAM MASONRY UNIT
04 20 00-S	DECORATIVE CMU (GROUND FACE)
04 20 00-T	ACOUSTICAL BLOCK
04 20 00-U	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, SMOOTH)
04 20 00-V	CALCIUM SILICATE MASONRY UNIT (LARGE FORMAT, SMOOTH)
04 20 00-W	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, ROUGH)
04 20 00-X	4" GROUND FACE CONCRETE MASONRY UNIT
04 72 00-A	CAST STONE SILL - SEE SIZE ON DRAWING 10/A430
04 72 00-B	CAST STONE
05 12 00-A	STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL
05 12 00-B	STEEL ANGLE- SEE STRUCTURAL
05 12 00-C	STEEL BENT PLATE- SEE STRUCTURAL
05 12 00-D	STEEL BEAM- SEE STRUCTURAL
05 12 00-E	STEEL COLUMN - SEE STRUCTURAL
05 12 00-F	STEEL PLATE - SEE STRUCTURAL
05 21 00-A	STEEL JOIST- SEE STRUCTURAL
05 31 00-A	METAL ROOF DECKING- SEE STRUCTURAL
05 31 00-B	METAL FLOOR DECKING- SEE STRUCTURAL
05 40 00-A	6" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-B	2 1/2" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-C	3 5/8" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-D	6"x6" 10 GA. COLD FORMED STEEL ANGLE, CUT TO FIT. ATTACH JAMB TO HEAD
05 40 00-F	CLIP ANGLE
05 40 00-J	3" 16GA. GALVANIZED Z-BAR SUB GIRTS
05 40 00-L	7/8" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 40 00-M	1 1/2" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 50 00-A	MISCELLANEOUS STEEL - SEE STRUCTURAL
05 50 00-B	GALVANIZED STEEL BRICK LINTEL
05 50 00-E	PRE-MANUFACTURED ALUMINUM ACCESS LADDER
05 50 00-F	ELEVATOR HOIST BEAM- COORDINATE WITH ELEVATOR MANUFACTURER
05 51 00-A	MANUFACTURED STEEL FRAMED STAIR
05 51 00-B	CONCRETE FILLED METAL PAN TREAD AND RISER
05 51 00-C	STAIR METAL STRINGER- CHANNEL
05 51 00-D	STAIR METAL STRINGER - TUBE
05 52 13-E	1-1/4" I.D. PAINTED STEEL PIPE RAILING
05 52 13-F	1-1/4" I.D. PAINTED STEEL PIPE HANDRAIL
05 52 13-G	1-1/4" I.D. PAINTED GALVANIZED STEEL PIPE RAILING
05 52 13-U	1-1/2" O.D. GALVANIZED STEEL PIPE GUARDRAIL
05 73 00-A	DECORATIVE METAL RAILING
05 73 00-B	1-1/4" I.D. COLOR ANODIZED ALUMINUM HANDRAIL
06 10 00-A	SHIM AS REQUIRED
06 10 00-B	2X WOOD BLOCKING
06 16 00-A	3/4" EXTERIOR GRADE PLYWOOD
06 16 00-B	5/8" EXTERIOR GRADE PLYWOOD
06 16 00-C	TWO LAYERS OF 3/4" EXTERIOR GRADE PLYWOOD
06 16 00-D	1/2" EXTERIOR GRADE PLYWOOD
06 16 00-E	5/8" EXTERIOR GYPSUM SHEATHING
06 40 00-A	1 1/2" WOOD TRIM
06 40 00-B	SOLID SURFACE WINDOW STOOL
06 40 00-G	1X HARDWOOD TRIM, STAINED
07 13 26-A	SELF-ADHEREING SHEET WATERPROOFING
07 13 26-B	RIGID INSULATION
07 13 26-C	MOLDED SHEET DRAINAGE PANEL
07 21 00-A	SLAB PERIMETER RIGID INSULATION (R-15 FOR 24")
07 21 00-J	PACK FULL WITH MINERAL WOOL INSULATION
07 21 00-K	3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8)
07 21 00-L	3" THERMALLY ISOLATED COMPOSITE Z-GIRT INSULATION SYSTEM
07 21 00-N	MINERAL WOOL BATT INSULATION
07 27 26-A	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE
07 27 26-B	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE, EXTEND AROUND BLOCK TO UNDER WINDOW / PARAPET
07 31 13-A	ASPHALT SHINGLE ROOF
07 42 13-A	PRE-FINISHED METAL WALL PANEL
07 42 13-B	METAL WALL PANEL
07 42 13-C	METAL WALL PANEL - SOFFIT
07 42 13-E	FLASHING WITH DRIP EDGE
07 42 13-F	EXTRUDED TRIM BY MFR
07 42 13-G	THROUGH WALL FLASHING WITH PERFORMED METAL DRIP EDGE
07 54 19-A	POLYVINYL-CHLORIDE (PVC) MEMBRANE ROOFING SYSTEM
07 54 19-B	1/2" COVER BOARD
07 54 19-C	TAPERED POLYISO INSULATION BOARD
07 54 19-D	2 LAYERS OF 2" POLYISO INSULATION BOARD (TOTAL R-VALUE = 22.8)
07 54 19-E	MEMBRANE ROOFING-EXTEND OVER & ATTACH TO FRONT FACE OF PARAPET
07 54 19-F	1 1/2" POLYISO INSULATION BOARD
07 54 19-G	TERMINATION BAR, SET IN WATER CUT OFF MASTIC.
07 62 00-C	FASCIA CLADDING
07 62 00-J	DRIP EDGE
07 62 00-M	PRE-FINISHED METAL GUTTER
07 62 00-N	PREFINISHED METAL DOWNSPOUT
07 71 00-A	MANUFACTURED COPING
07 71 00-B	MANUFACTURED GRAVEL STOP
07 71 00-C	MANUFACTURED FASCIA CLADDING
07 71 00-D	MANUFACTURED COUNTERFLASHING SYSTEM
07 71 00-E	MANUFACTURED GUTTER
07 71 00-F	MANUFACTURED DOWNSPOUT
07 71 00-H	MANUFACTURED DRIP EDGE
07 71 29-A	MANUFACTURED ROOF EXPANSION JOINT ASSEMBLY
07 71 29-B	MANUFACTURED ROOF TO WALL EXPANSION JOINT ASSEMBLY
07 84 13-A	PENETRATION FIRESTOPPING
07 92 00-A	SEALANT
07 92 00-B	SEALANT EACH SIDE, TYPICAL
07 95 13.13-A	INTERIOR EXPANSION JOINT COVER ASSEMBLY
07 95 13.16-A	EXTERIOR EXPANSION JOINT COVER ASSEMBLY
08 11 13-A	HOLLOW METAL DOOR/BORROWED LIGHT FRAME
08 11 13-B	HOLLOW METAL DOOR
08 14 16-A	FLUSH WOOD DOOR
08 33 13-A	OVERHEAD COILING COUNTER DOOR
08 33 13-B	OVERHEAD COILING COUNTER GRILLE
08 33 13-C	INSULATED COILING COUNTER DOOR
08 33 13-E	GUIDE
08 33 23-A	OVERHEAD COILING DOOR
08 33 23-J	BREAK METAL TO MATCH DOOR GUIDE FINISH
08 33 23-K	OVERHEAD COILING DOOR WITH INTEGRATED PASS DOOR
08 41 13-A	4 1/2" ALUMINUM-FRAMED STOREFRONT
08 41 13-B	WIDE STYLE ALUMINUM ENTRANCE DOOR
08 41 13-C	ALUMINUM BRAKE METAL TO MATCH STOREFRONT FRAME
08 44 13-A	7 1/2" DEEP ALUMINUM CURTAINWALL SYSTEM
08 44 13-C	CURTAINWALL ATTACHMENT MEMBER, ALLOW FOR THERMAL MOVEMENT
08 44 13-D	ALUMINUM BREAKMETAL TO MATCH CURTAINWALL FRAME
08 44 13-F	10" DEEP ALUMINUM CURTAINWALL SYSTEM
08 80 00-A	GLAZING - SEE SCHEDULE/ELEVATIONS
08 80 00-B	SPANDREL PANEL - SEE SCHEDULE/ELEVATIONS
08 91 19-A	FIXED LOUVER
09 22 16-D	7/8" FURRING CHANNEL
09 22 16-G	2 1/2" STEEL STUD
09 22 16-H	3 5/8" STEEL STUD
09 22 16-K	6" STEEL STUD
09 29 00-B	5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE)
09 29 00-D	SOUND ATTENUATION INSULATION
09 29 00-E	SUSPENDED GYPSUM BOARD CEILING ASSEMBLY
09 51 13-A	ACOUSTICAL CEILING SUSPENSION ASSEMBLY
09 51 13-C	SUSPENDED CEILING METAL EDGE TRIM
09 82 00-A	SOUND DIFFUSIVE WOOD UNITS
10 14 23-A	PANEL SIGNAGE
10 82 00-A	ROOF AND WALL SCREENS
12 24 13	
12 24 13-A	ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE
14 24 00-D	PIT LADDER
31 20 00-C	DRAINING GRANULAR FILL
32 13 16-A	SIDEWALK- SEE LANDSCAPE SHEETS
32 31 13-A	CHAIN-LINK FENCE- SEE LANDSCAPE SHEETS
32 31 19-A	ORNAMENTAL FENCE- SEE LANDSCAPE SHEETS

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST

BID DOCUMENTS

17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. The drawings are not intended to show or describe all work required for full performance and completion of the requirements of the Contract.
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REVISIONS:

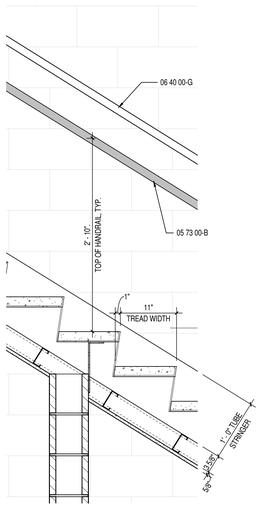
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
ENLARGED PLAN DETAILS

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

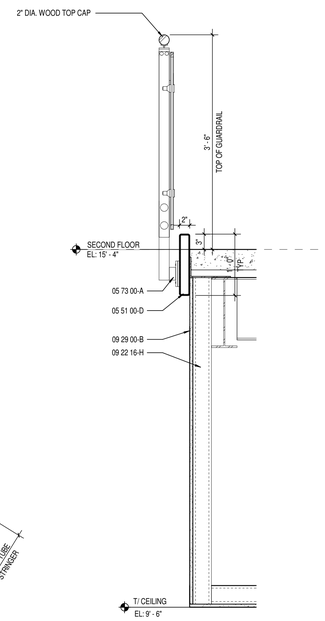
DRAWING NUMBER
A442

PROJECT NUMBER
2023061



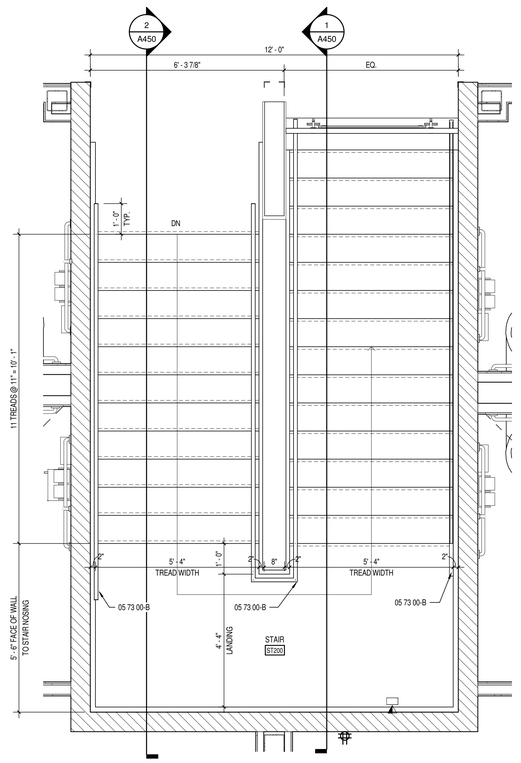
6 A450 ENLARGED TREAD/RISER DETAIL

SCALE: 1" = 1'-0"



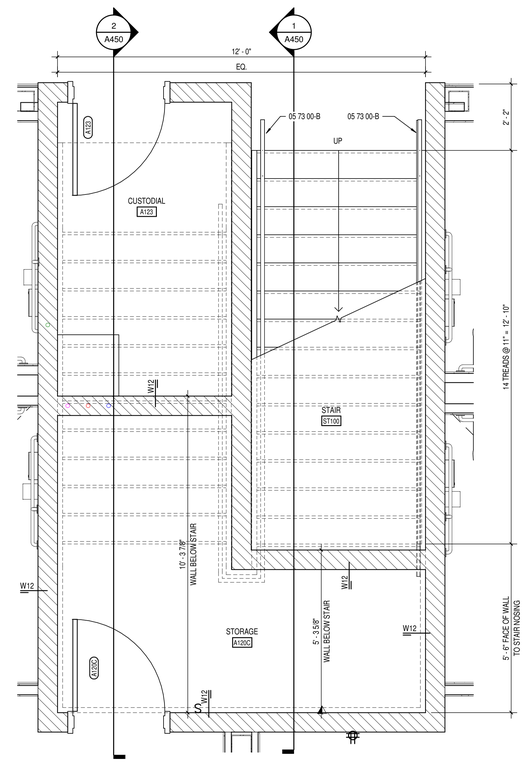
5 A450 ENLARGED RAILING DETAIL

SCALE: 1" = 1'-0"



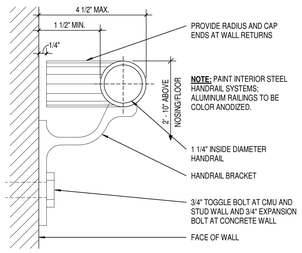
4 A450 TYPICAL CLASSROOM WING STAIR ENLARGED SECOND FLOOR PLAN

SCALE: 1/2" = 1'-0"



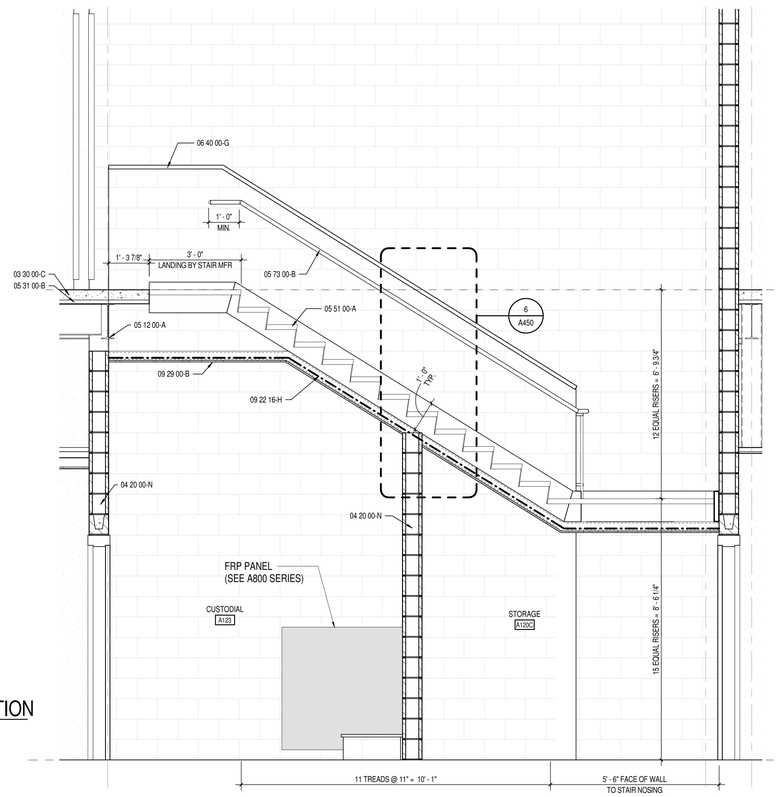
3 A450 TYPICAL CLASSROOM WING STAIR ENLARGED GROUND FLOOR PLAN

SCALE: 1/2" = 1'-0"



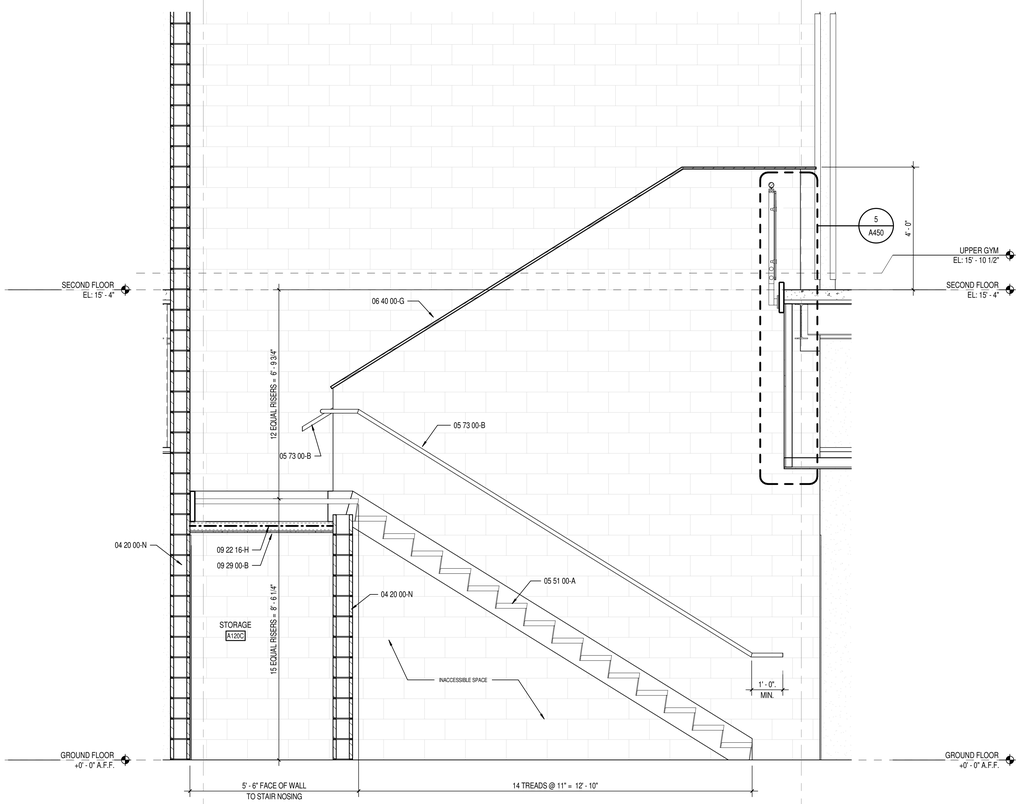
TYPICAL HANDRAIL AND WALL BRACKET TERMINATION

SCALE: 6" = 1'-0"



2 A450 TYPICAL CLASSROOM WING STAIR SECTION - WEST

SCALE: 1/2" = 1'-0"



1 A450 TYPICAL CLASSROOM WING STAIR SECTION - EAST

SCALE: 1/2" = 1'-0"

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BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

1	ADDENDUM #5	08/09/2024

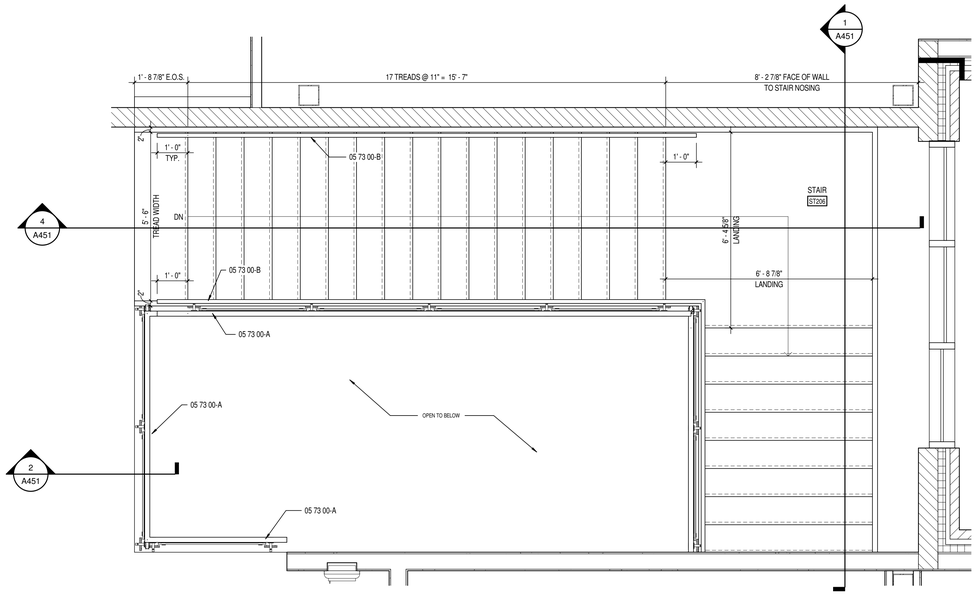
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	LNF	EHMH

DRAWING TITLE:
VERTICAL CIRCULATION PLANS, SECTIONS, AND DETAILS

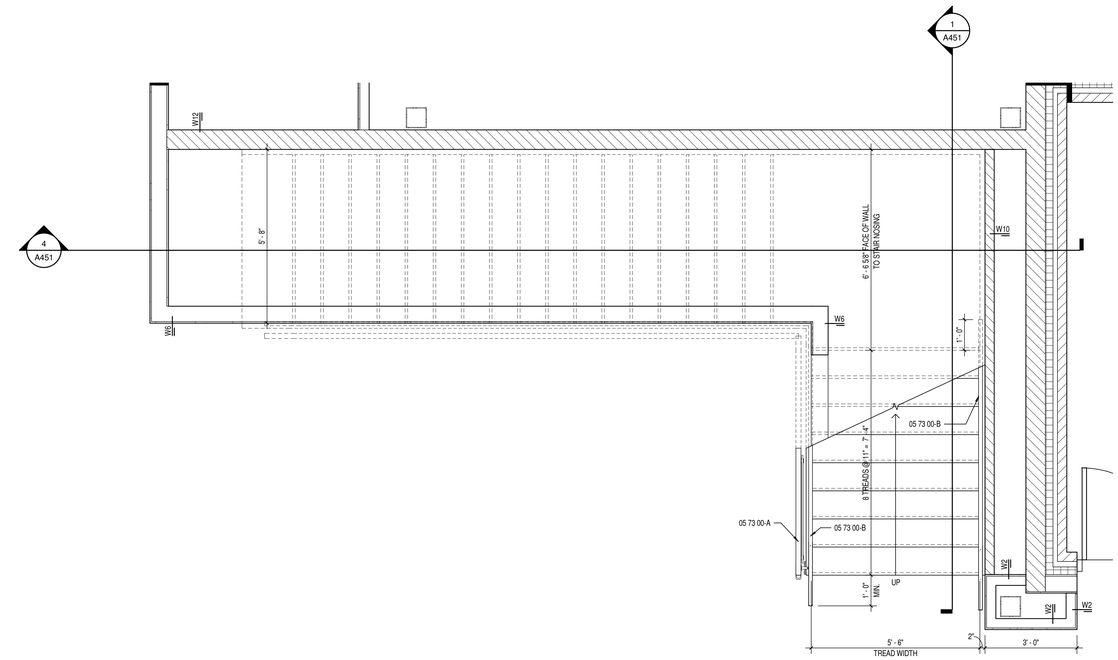
CERTIFIED BY:
BRENTON C. HIGH REGISTERED No. AR11700184 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
A450

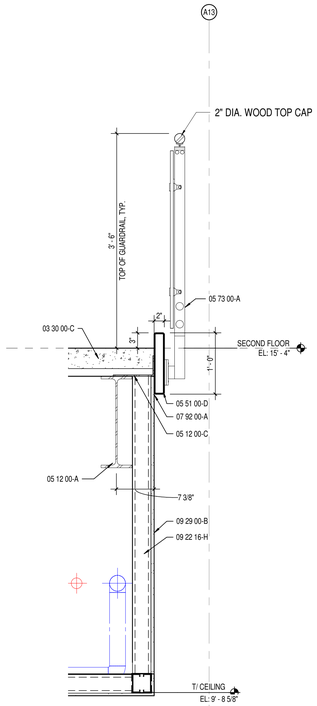
PROJECT NUMBER
2023061



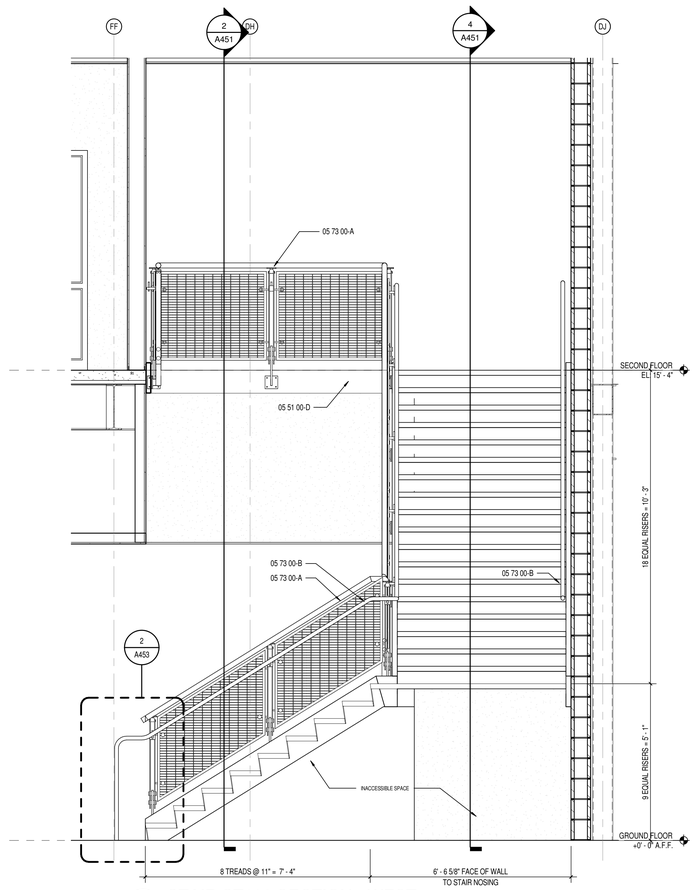
6 A451 STAIR ST106 ENLARGED SECOND FLOOR PLAN
SCALE: 1/2" = 1'-0"



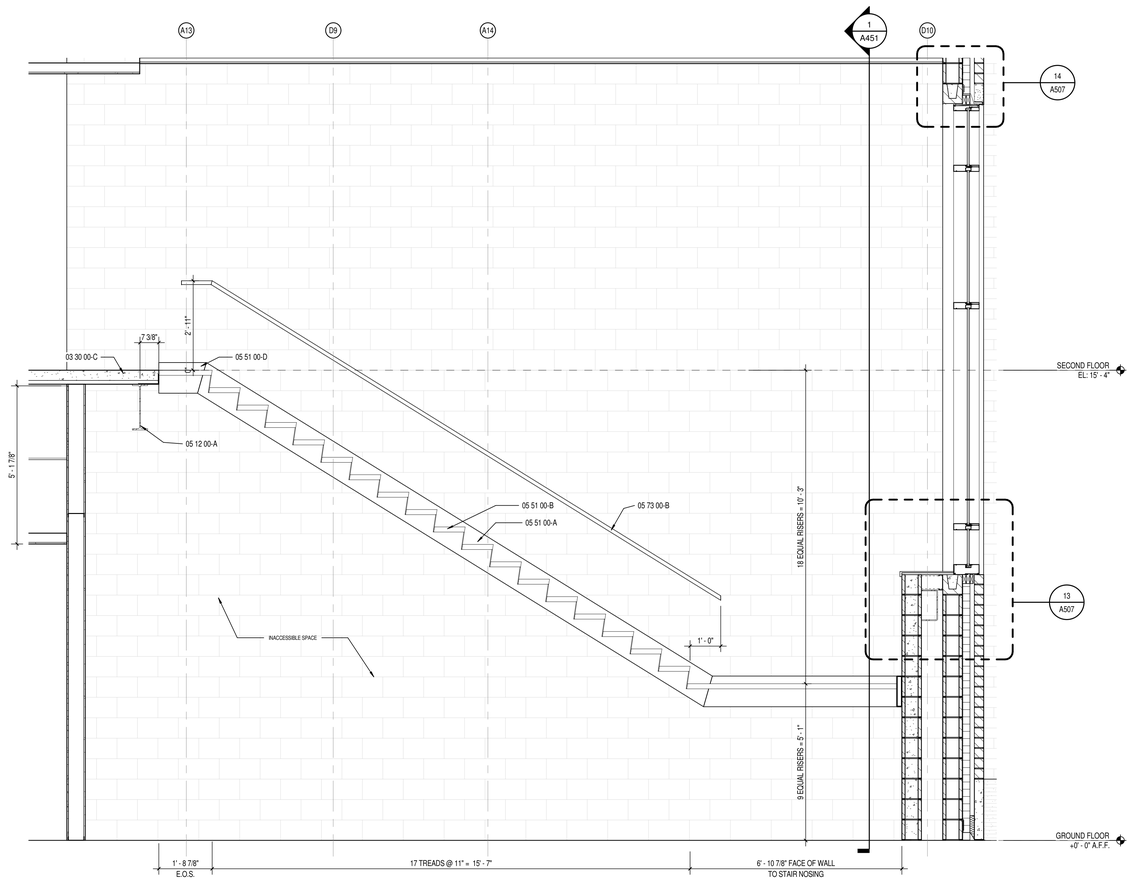
5 A451 STAIR ST106 ENLARGED GROUND FLOOR PLAN
SCALE: 1/2" = 1'-0"



2 A451 ENLARGED RAILING DETAIL
SCALE: 1" = 1'-0"



1 A451 STAIR ST106 SECTION - WEST
SCALE: 1/2" = 1'-0"



4 A451 STAIR ST106 SECTION - NORTH
SCALE: 1/2" = 1'-0"

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ARCHITECT

DRAWING NUMBER
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PROJECT NUMBER
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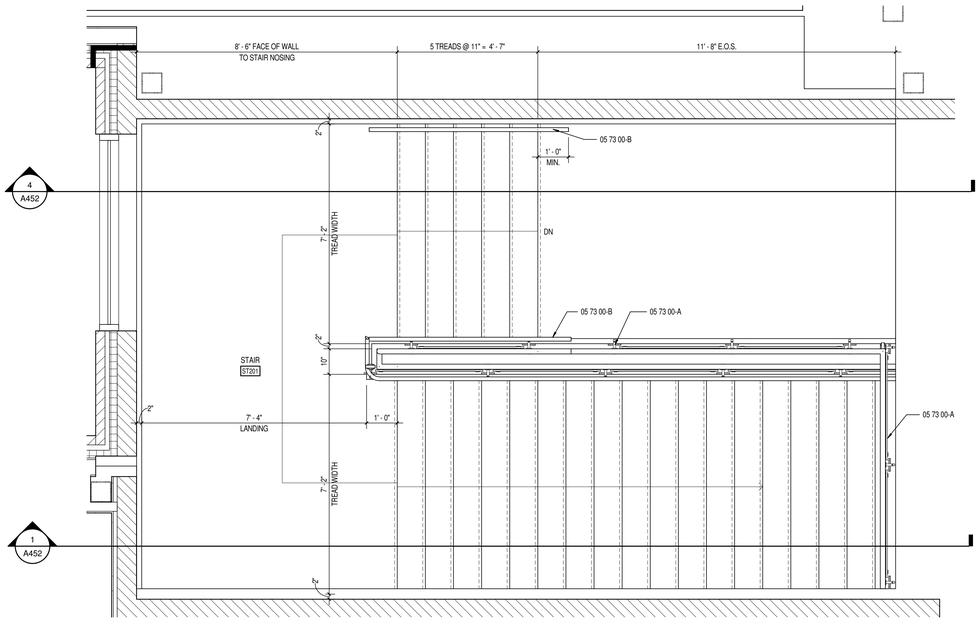
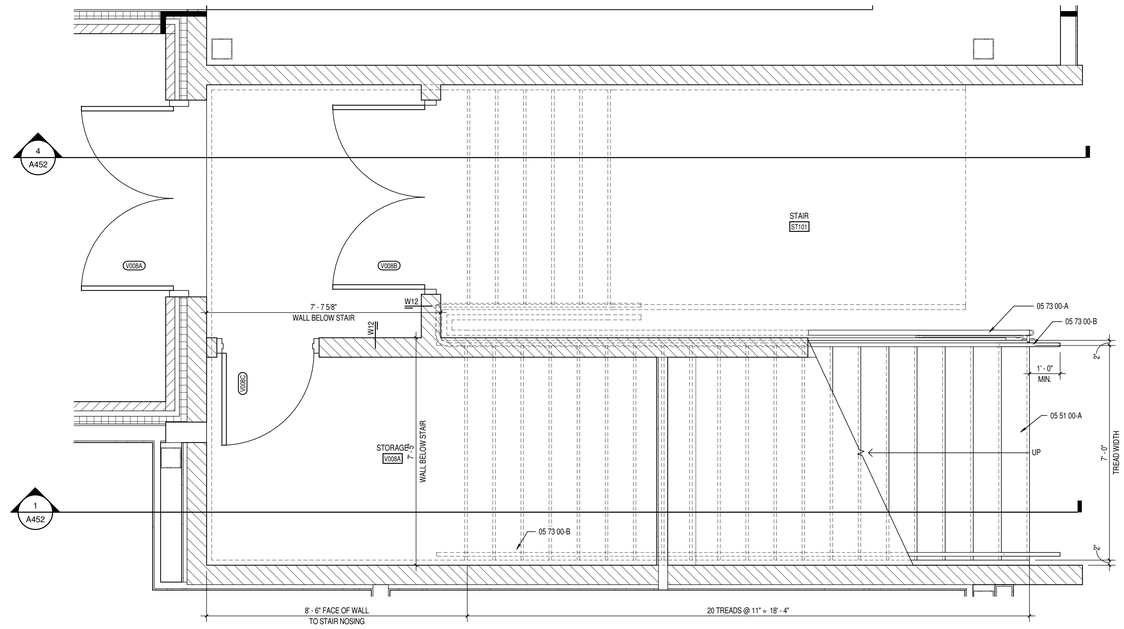
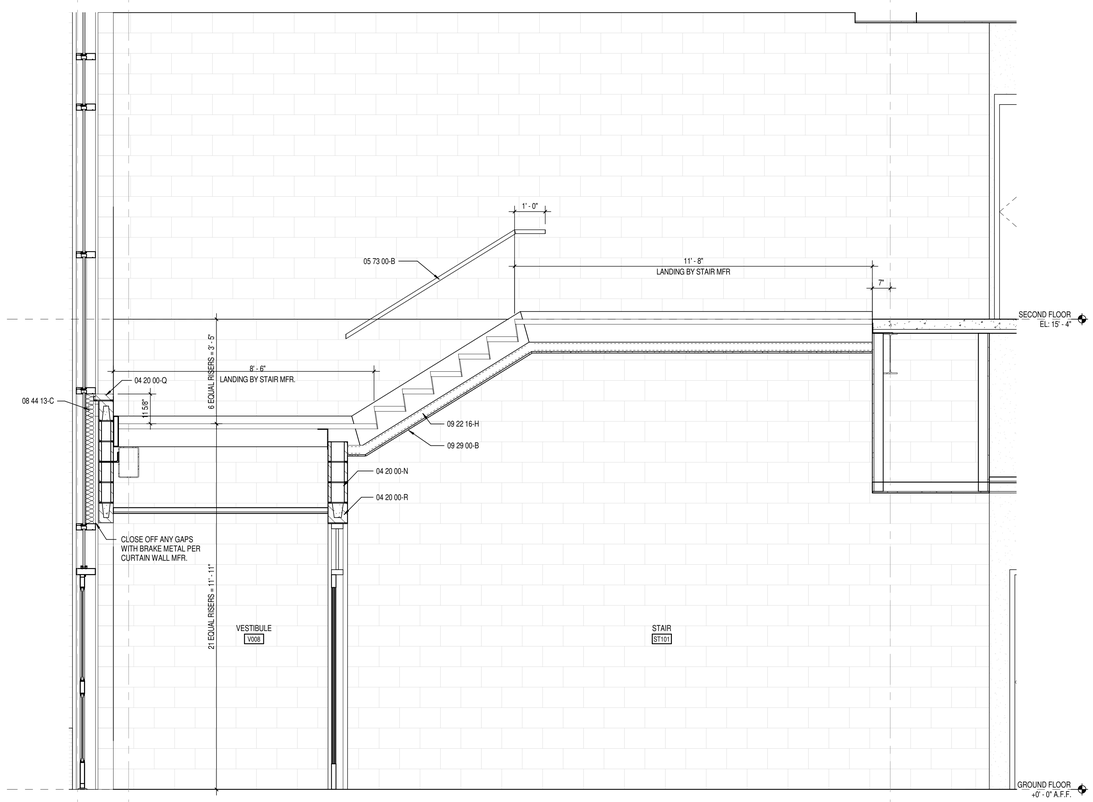


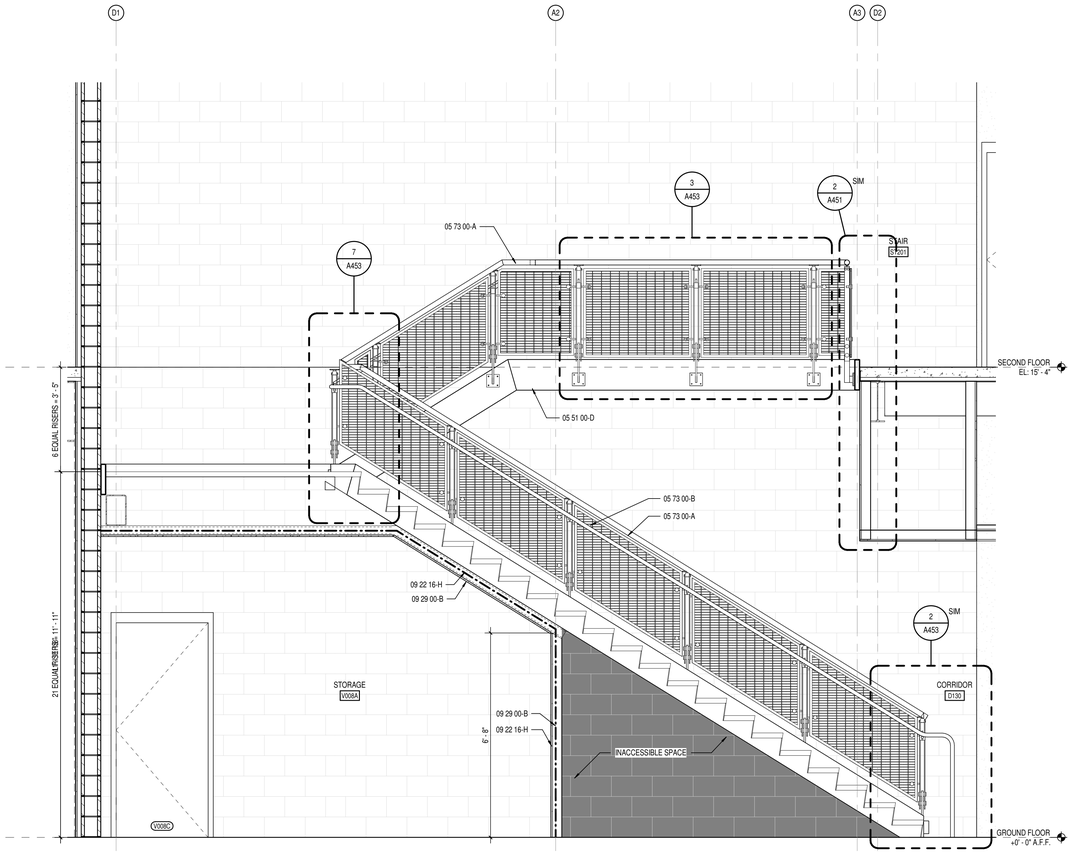
3 A452 STAIR ST201 SECOND FLOOR PLAN
SCALE: 1/2" = 1'-0"



2 A452 STAIR ST101 GROUND FLOOR PLAN
SCALE: 1/2" = 1'-0"



4 A452 STAIR ST101 SECTION - SOUTH
SCALE: 1/2" = 1'-0"



1 A452 STAIR ST101 SECTION - NORTH
SCALE: 1/2" = 1'-0"

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PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
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REVISIONS:
1 ADDENDUM #5 08/09/2024

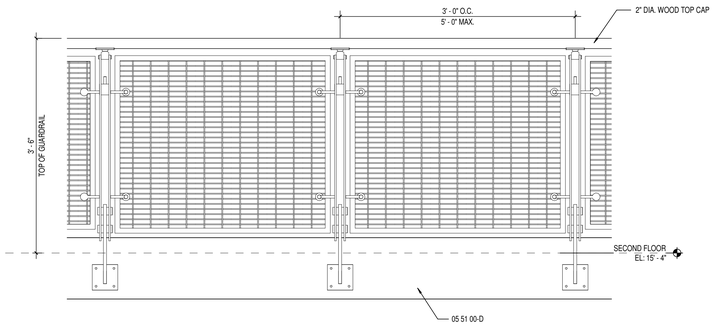
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	LNF	EHMH

DRAWING TITLE:
VERTICAL CIRCULATION PLANS, SECTIONS, AND DETAILS

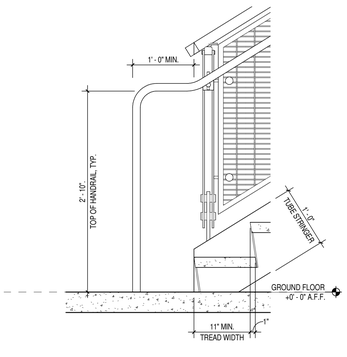
CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A452

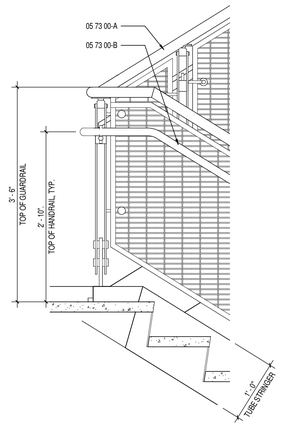
PROJECT NUMBER
2023061



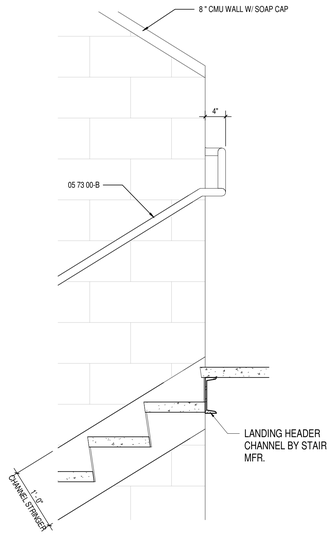
3 A453 ENLARGED RAILING DETAIL
SCALE: 1" = 1'-0"



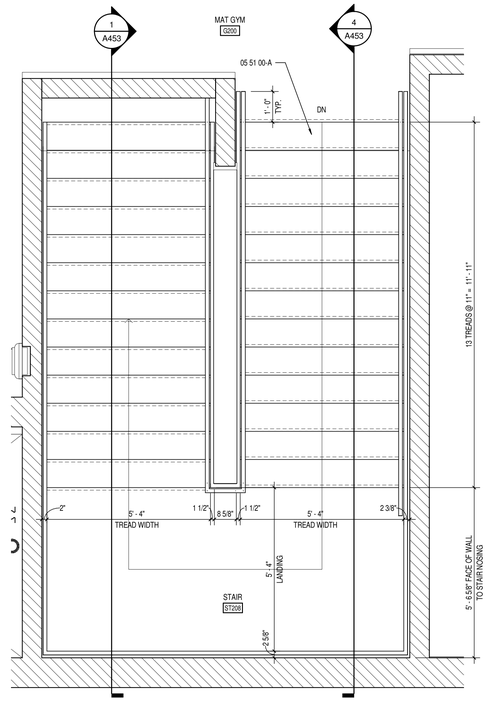
2 A453 ENLARGED STAIR DETAIL
SCALE: 1" = 1'-0"



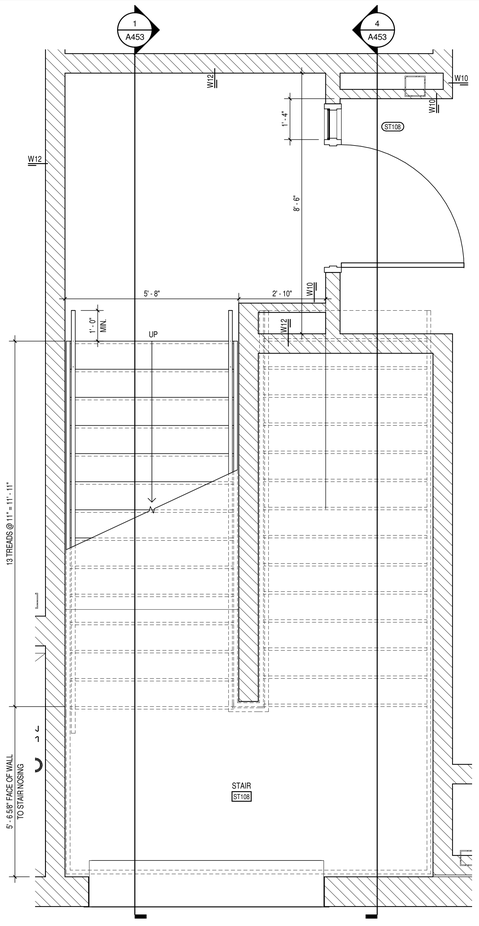
7 A453 ENLARGED STAIR DETAIL
SCALE: 1" = 1'-0"



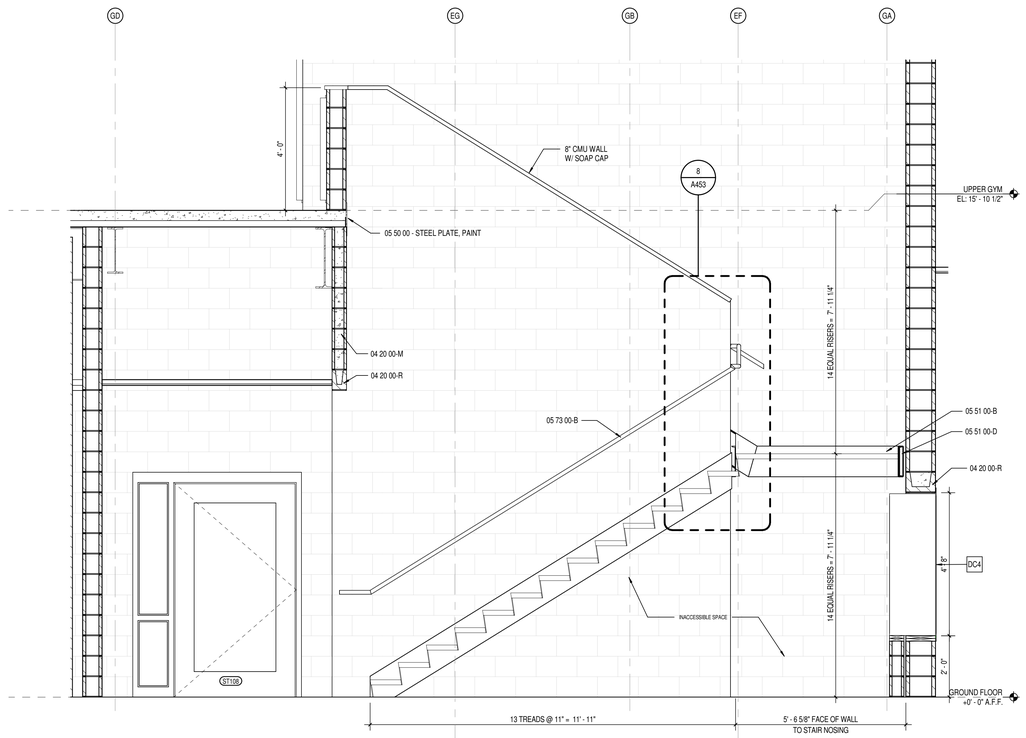
8 A453 ENLARGED STAIR DETAIL
SCALE: 1" = 1'-0"



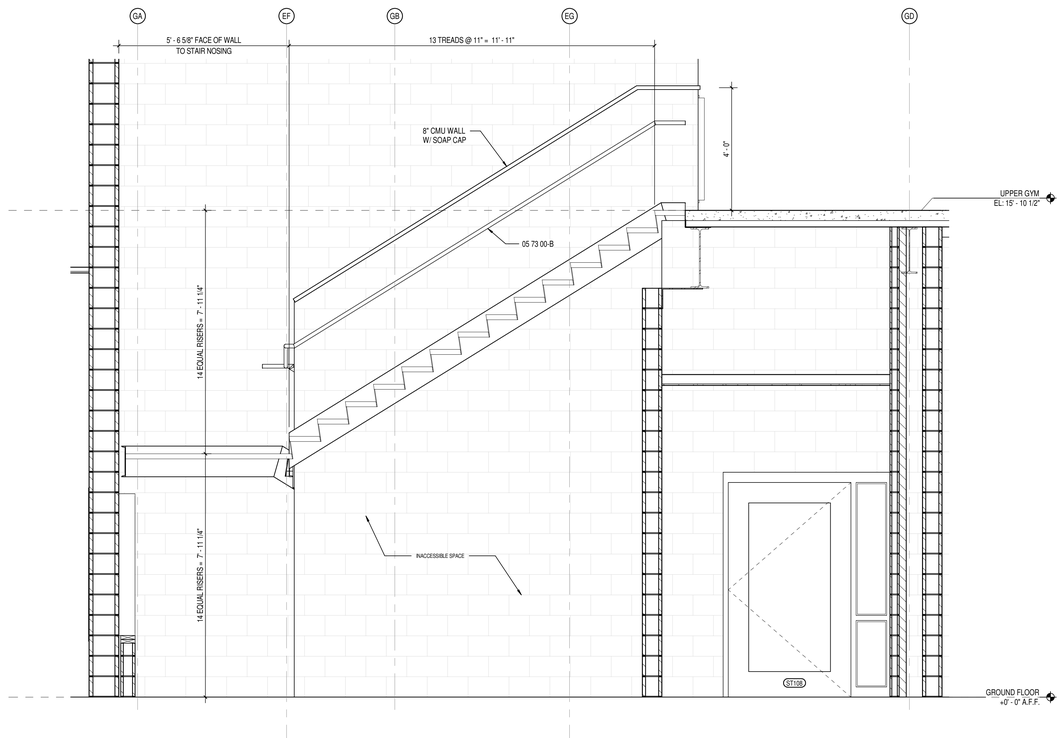
6 A453 STAIR ST208 ENLARGED SECOND FLOOR PLAN
SCALE: 1/2" = 1'-0"



5 A453 STAIR ST108 ENLARGED GROUND FLOOR PLAN
SCALE: 1/2" = 1'-0"



1 A453 STAIR ST108 SECTION
SCALE: 1/2" = 1'-0"



4 A453 STAIR ST108 SECTION - WEST
SCALE: 1/2" = 1'-0"

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PROJECT:
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REVISIONS:
1 ADDENDUM #5 08/09/2024

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	LNF	EHMH

DRAWING TITLE:
VERTICAL CIRCULATION PLANS, SECTIONS, AND DETAILS

CERTIFIED BY:
BRENTON C. HALL
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT
1

DRAWING NUMBER
A453

PROJECT NUMBER
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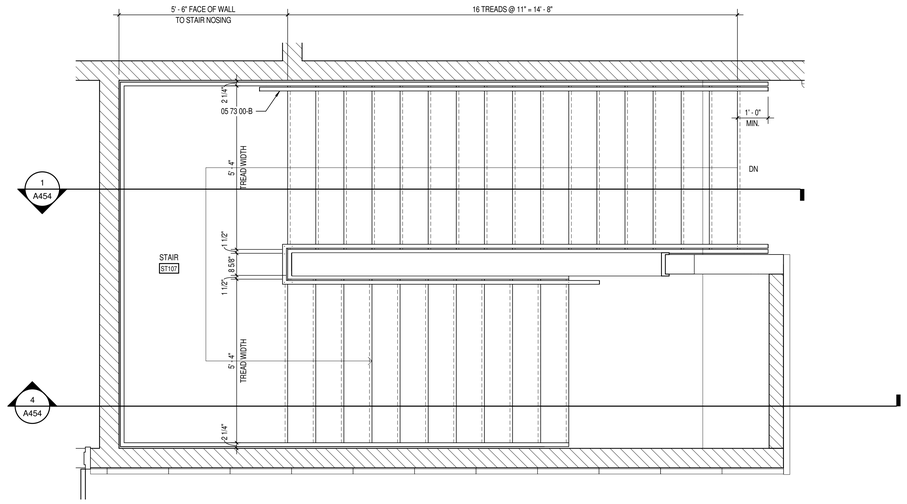
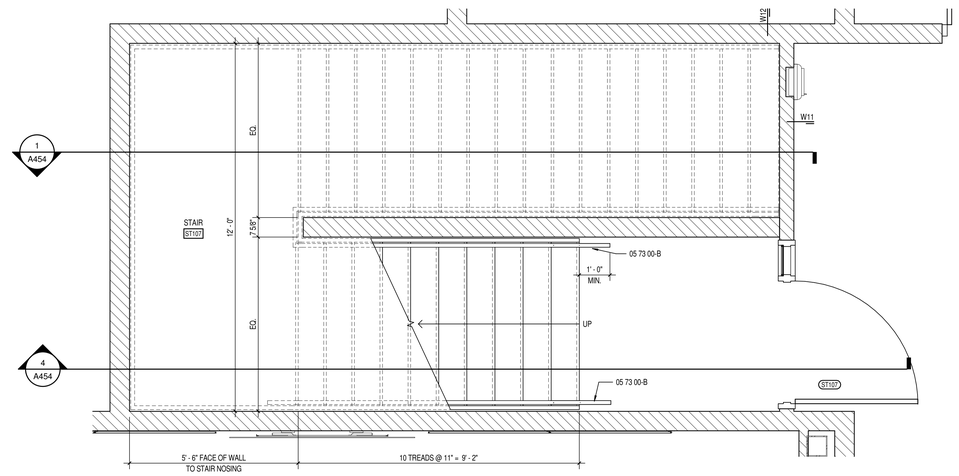
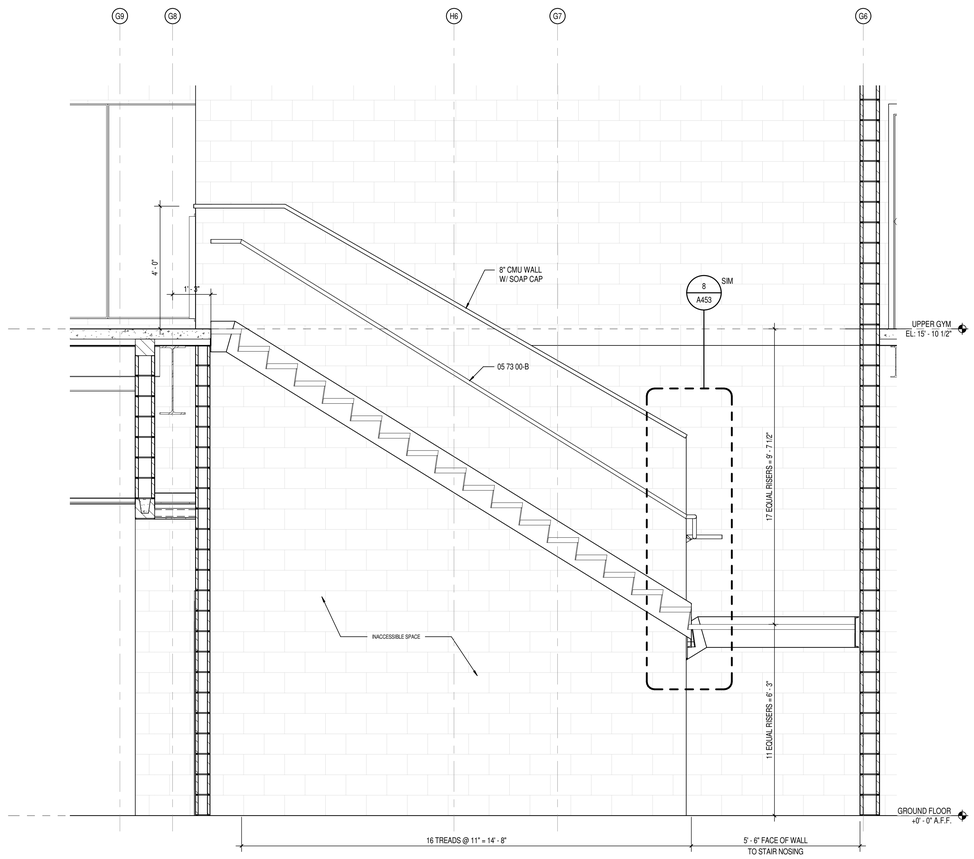


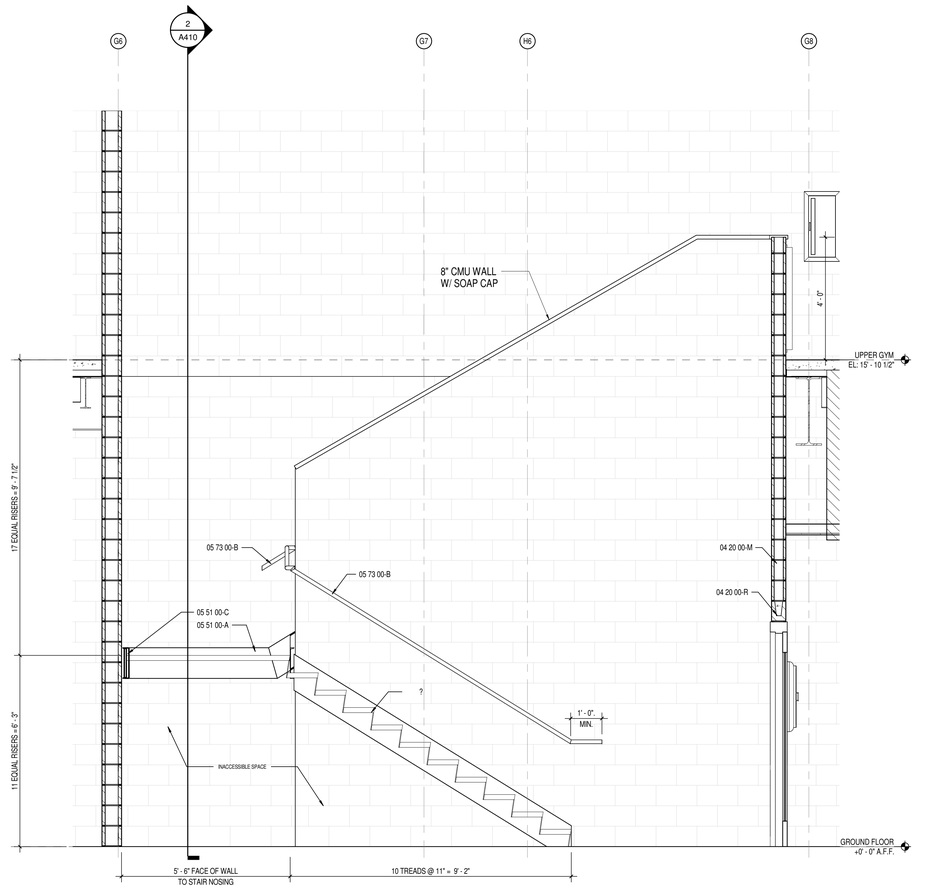
3 A454 STAIR ST207 ENLARGED SECOND FLOOR PLAN
SCALE: 1/2" = 1'-0"



2 A454 STAIR ST107 ENLARGED GROUND FLOOR PLAN
SCALE: 1/2" = 1'-0"



1 A454 STAIR ST107 SECTION - SOUTH
SCALE: 1/2" = 1'-0"



4 A454 STAIR ST107 SECTION - NORTH
SCALE: 1/2" = 1'-0"

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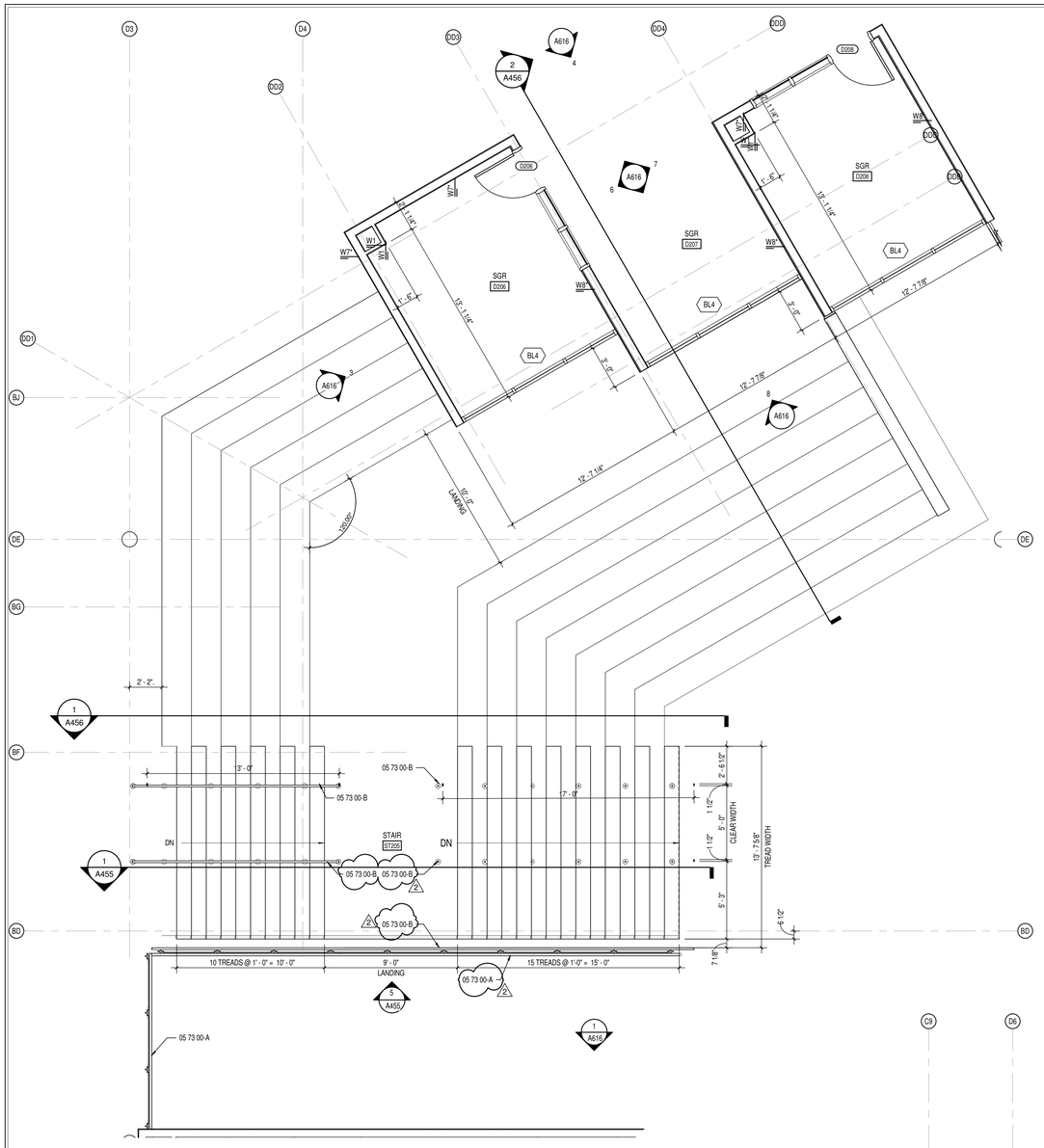
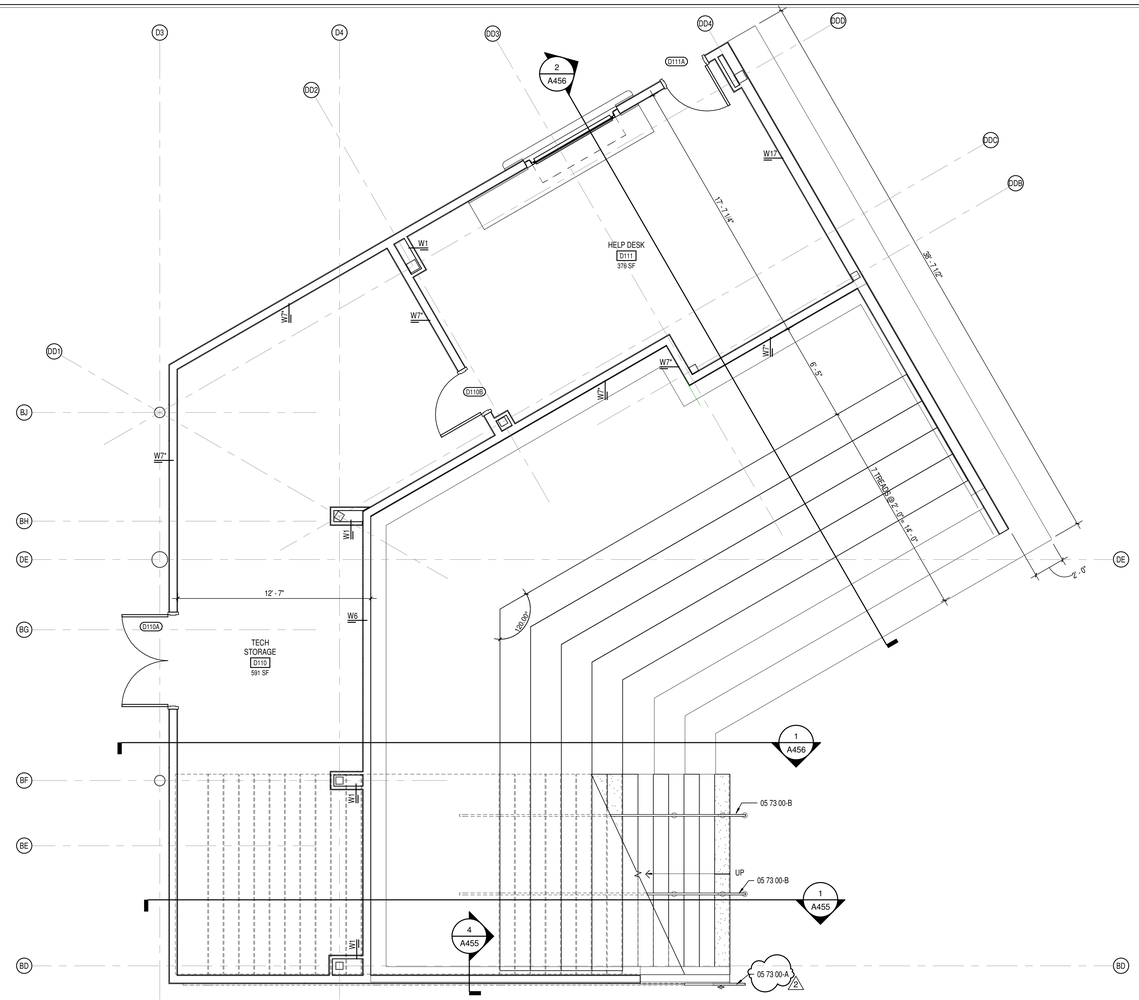
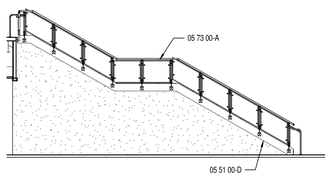


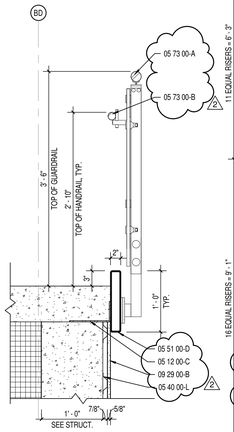
3 A455 STAIR ST105 ENLARGED SECOND FLOOR PLAN
SCALE: 1/4" = 1'-0"



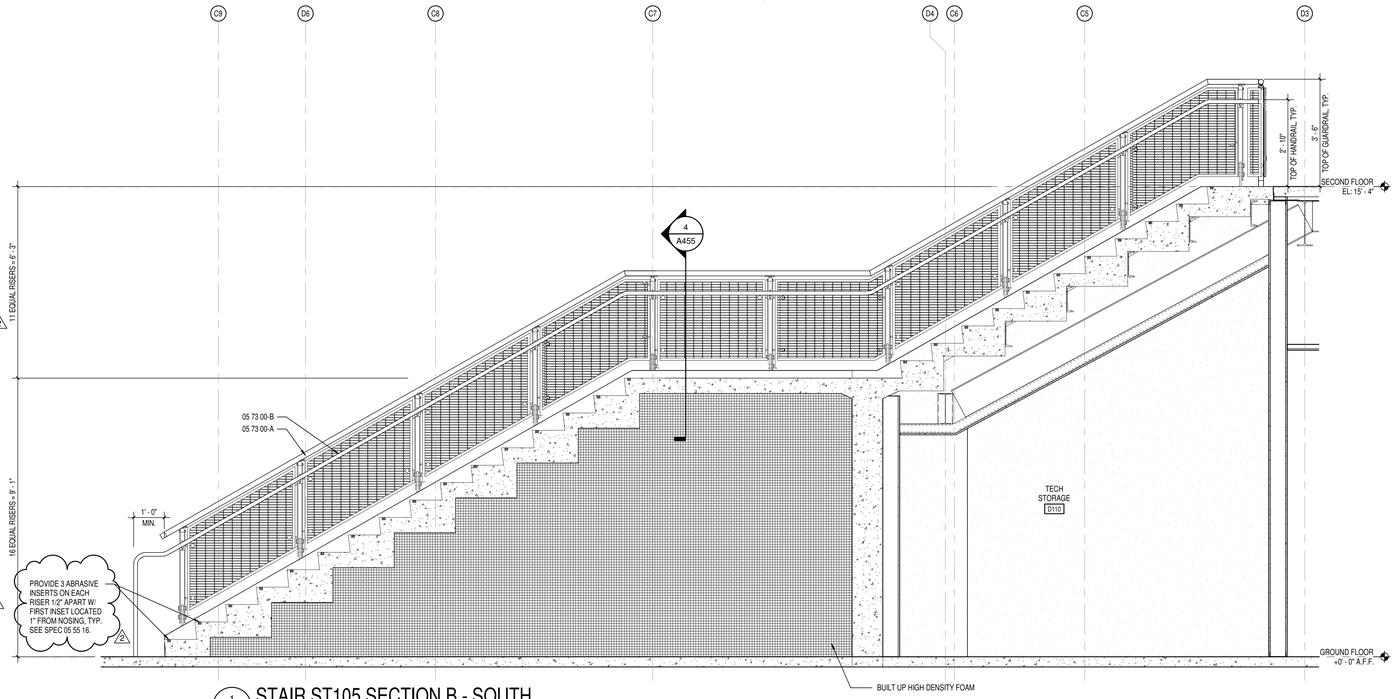
2 A455 STAIR ST105 ENLARGED GROUND FLOOR PLAN
SCALE: 1/4" = 1'-0"



5 A455 STAIR ST105 - ELEVATION - NORTH
SCALE: 1/8" = 1'-0"



4 A455 ENLARGED RAILING DETAIL
SCALE: 1" = 1'-0"



1 A455 STAIR ST105 SECTION B - SOUTH
SCALE: 1/2" = 1'-0"

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1	ADDENDUM #5	08/09/2024
2	ADDENDUM #6	08/16/2024

ISSUE DATE	DRAWN BY	CHECKED BY
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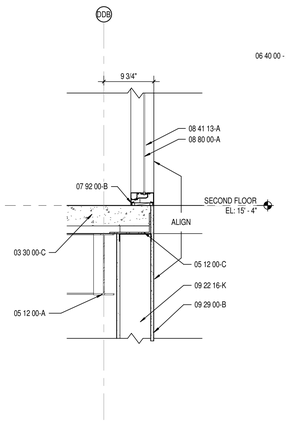
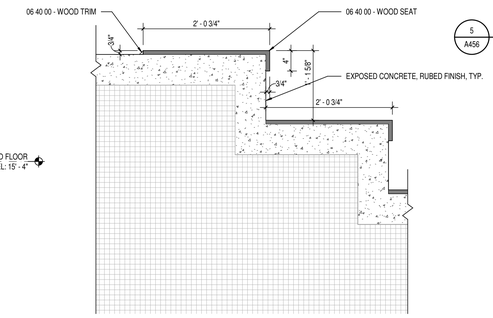
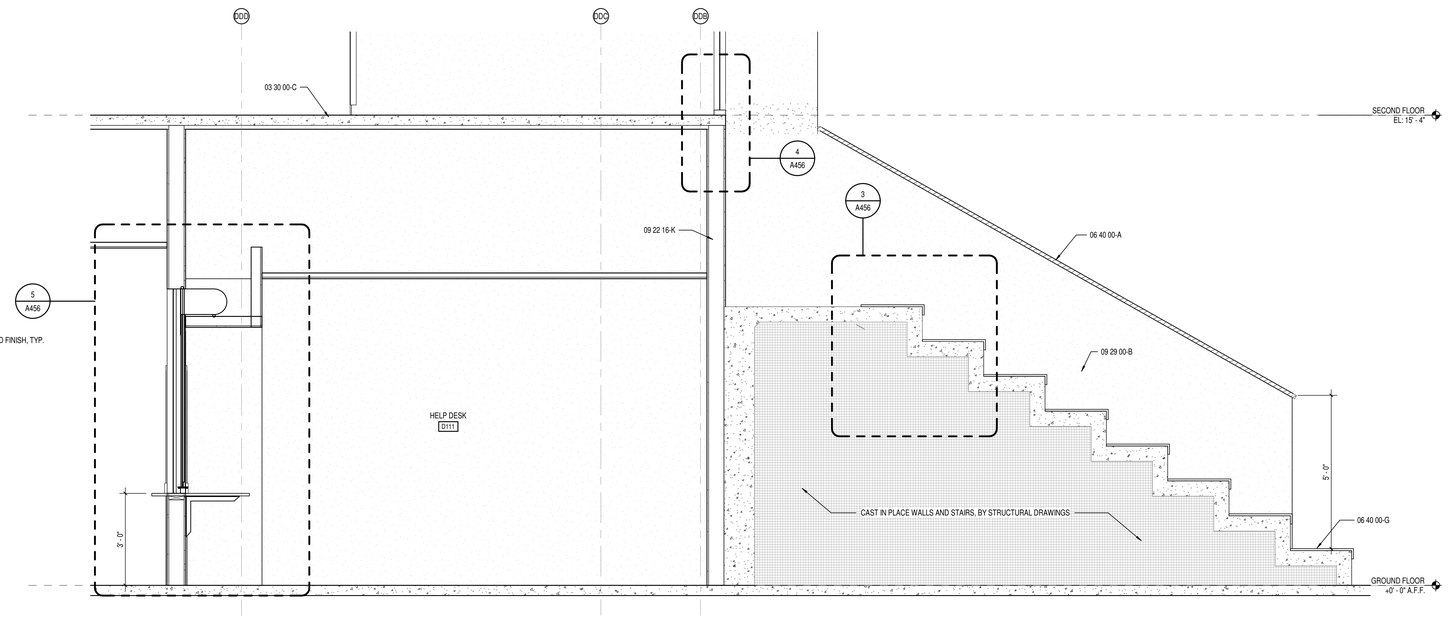


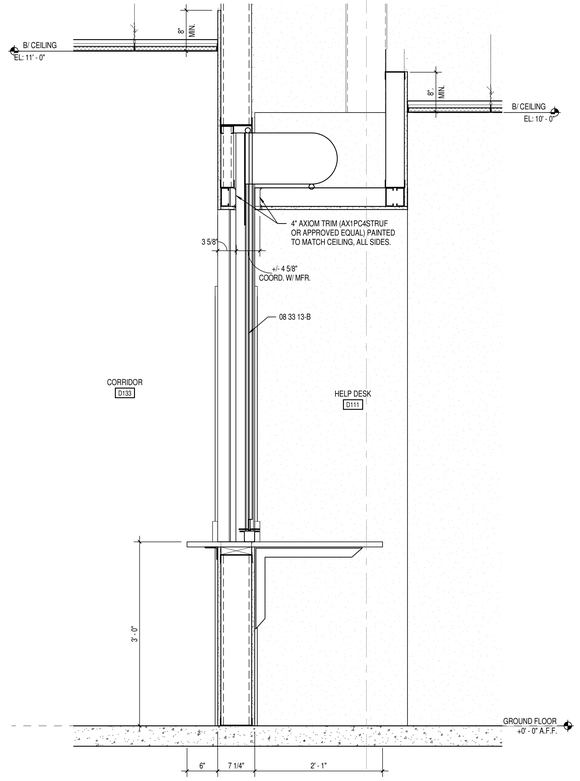
4 A456 ENLARGED STAIR DETAIL
SCALE: 1" = 1'-0"



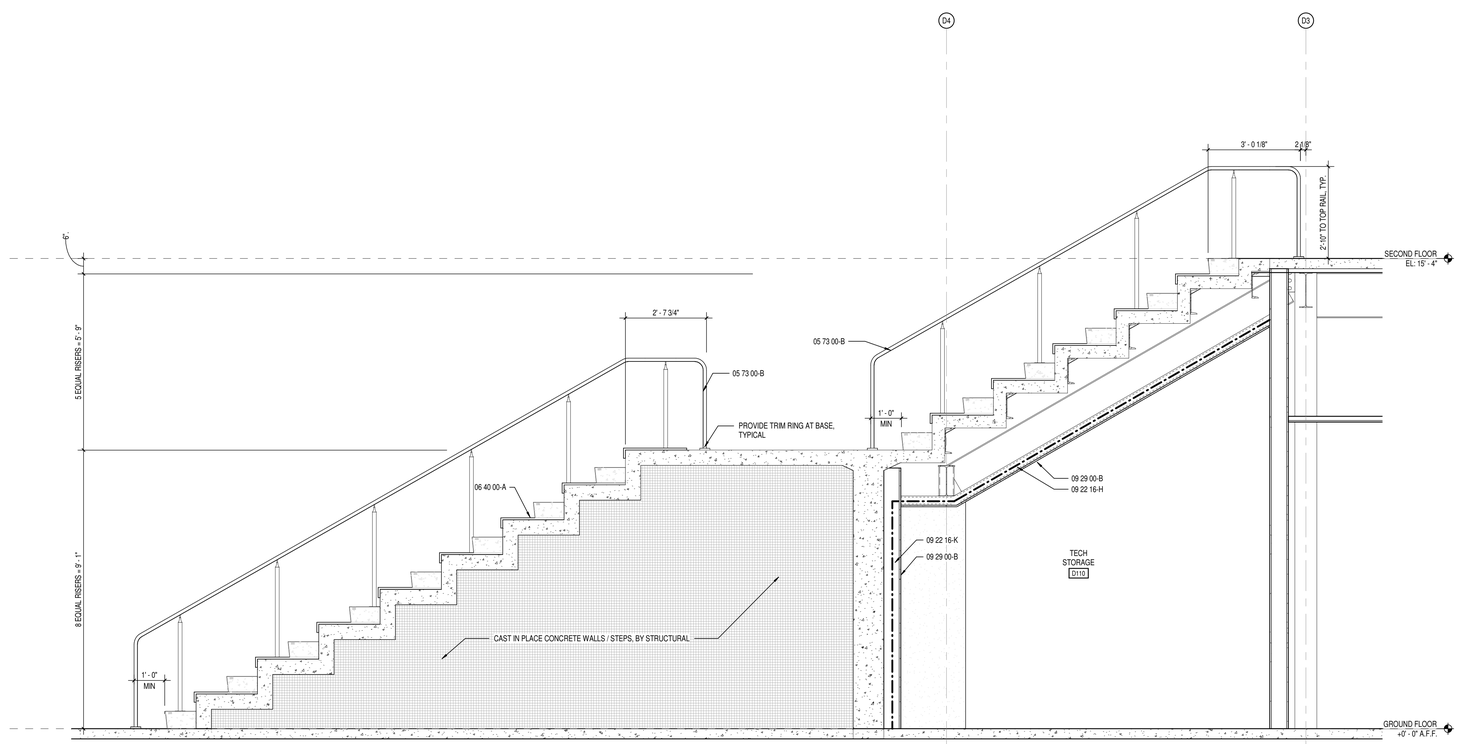
3 A456 ENLARGED STAIR DETAIL
SCALE: 1" = 1'-0"



2 A456 STAIR ST105 SECTION - NORTHEAST
SCALE: 1/2" = 1'-0"



5 A456 HELP DESK SECTION
SCALE: 1" = 1'-0"



1 A456 STAIR ST105 SECTION A - SOUTH
SCALE: 1/2" = 1'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:
1 ADDENDUM #5 08/09/2024

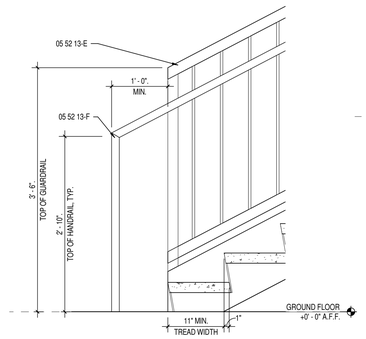
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	LNF	EHMH

DRAWING TITLE:
VERTICAL CIRCULATION PLANS, SECTIONS, AND DETAILS

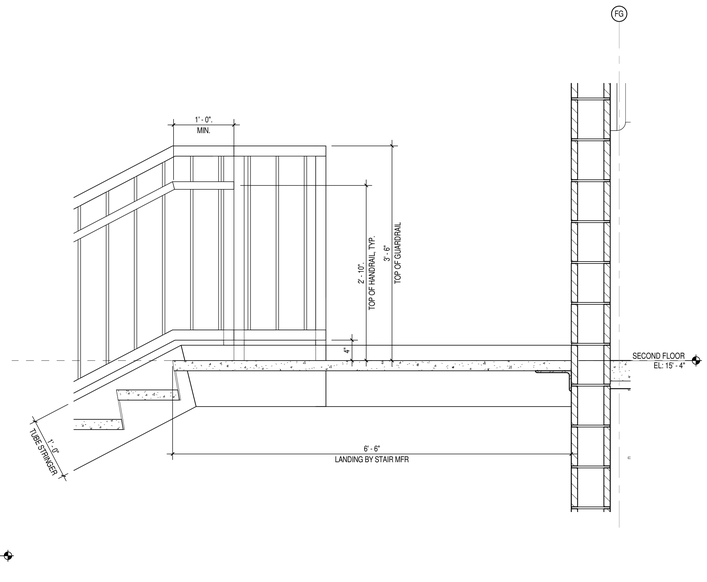
CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A456

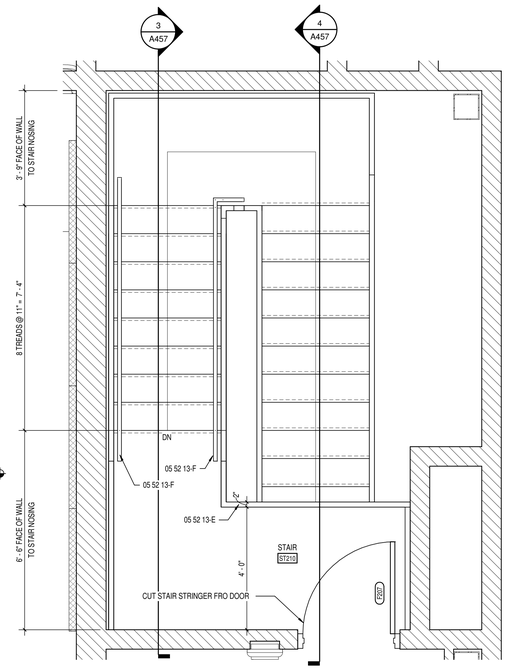
PROJECT NUMBER
2023061



5 A457 ENLARGED STAIR DETAIL
SCALE: 1" = 1'-0"



6 A457 ENLARGED STAIR DETAIL
SCALE: 1" = 1'-0"



2 A457 STAIR ST109 ENLARGED SECOND FLOOR PLAN
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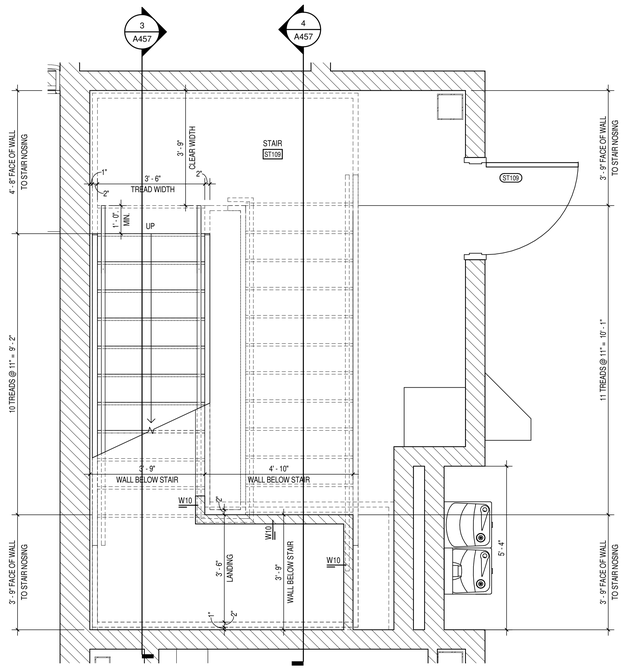
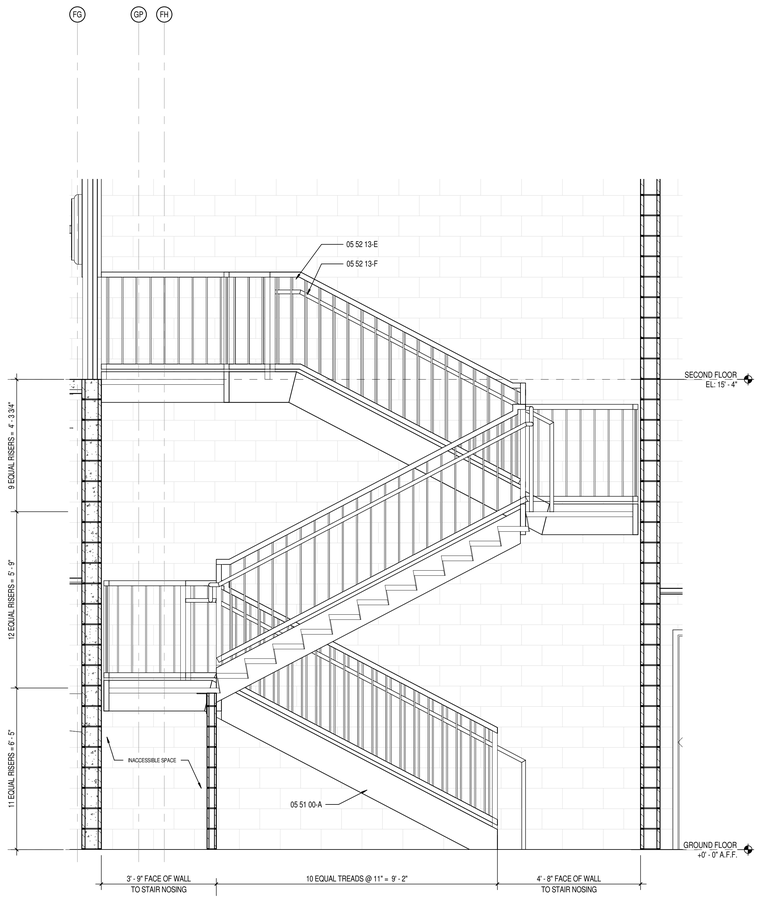
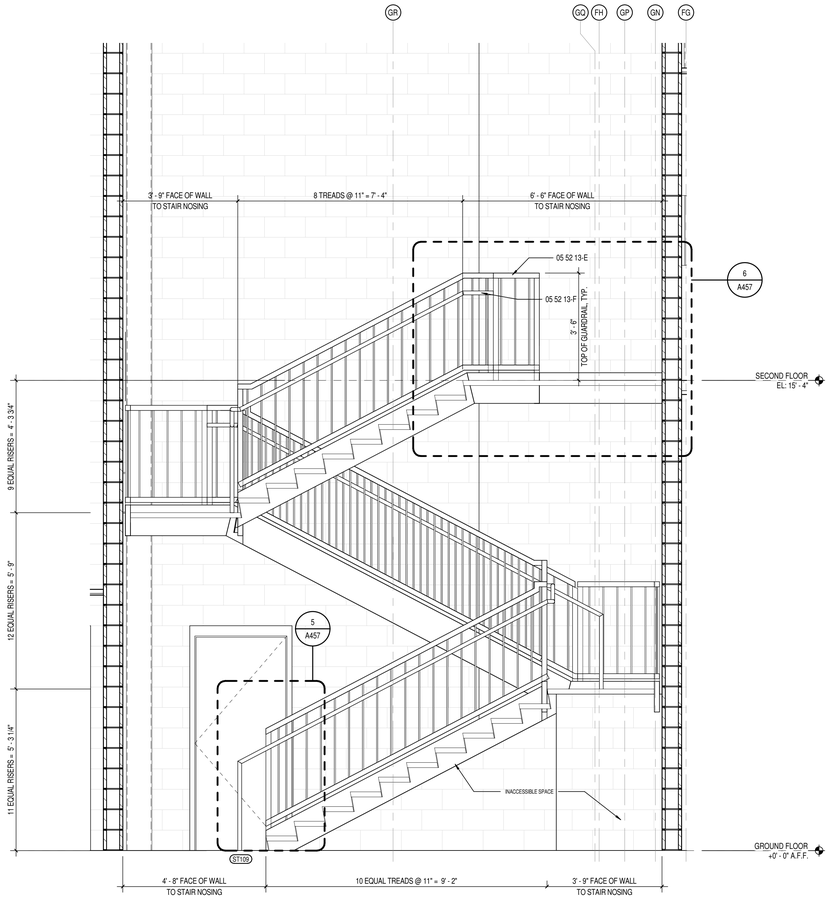


1 A457 STAIR ST109 ENLARGED GROUND FLOOR PLAN
SCALE: 1/2" = 1'-0"



4 A457 STAIR ST109 SECTION - WEST
SCALE: 1/2" = 1'-0"



3 A457 STAIR ST109 SECTION - EAST
SCALE: 1/2" = 1'-0"

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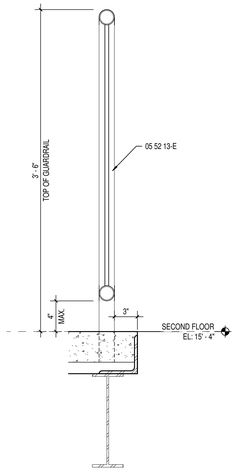
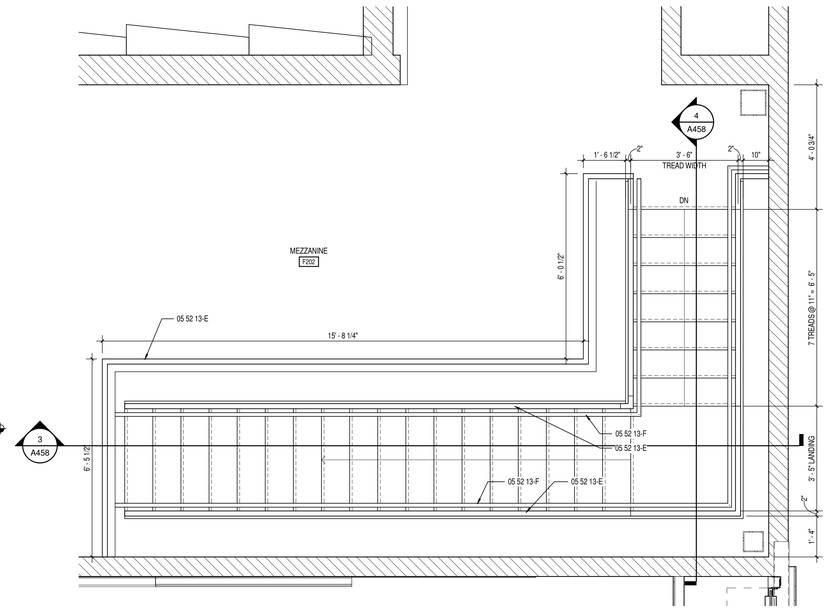
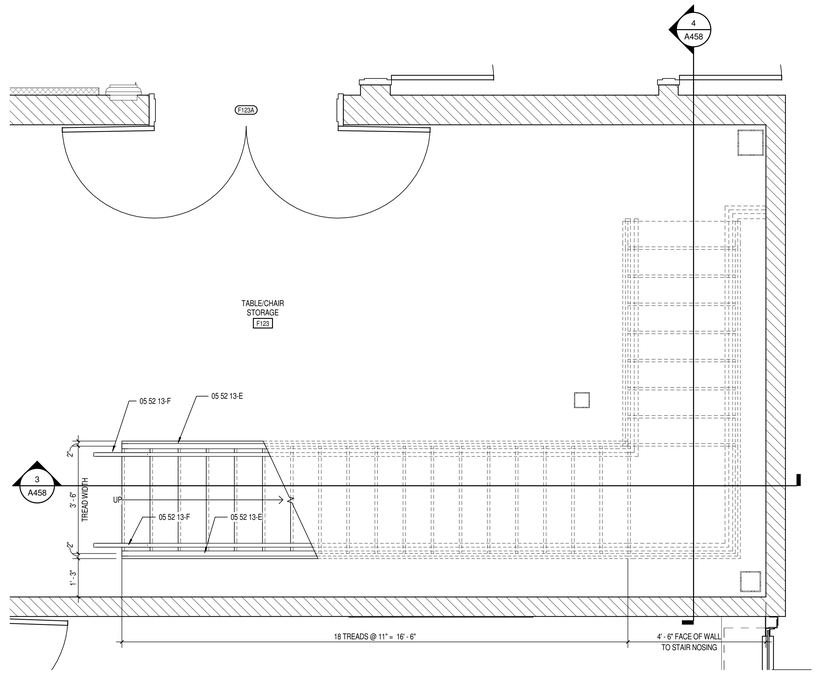


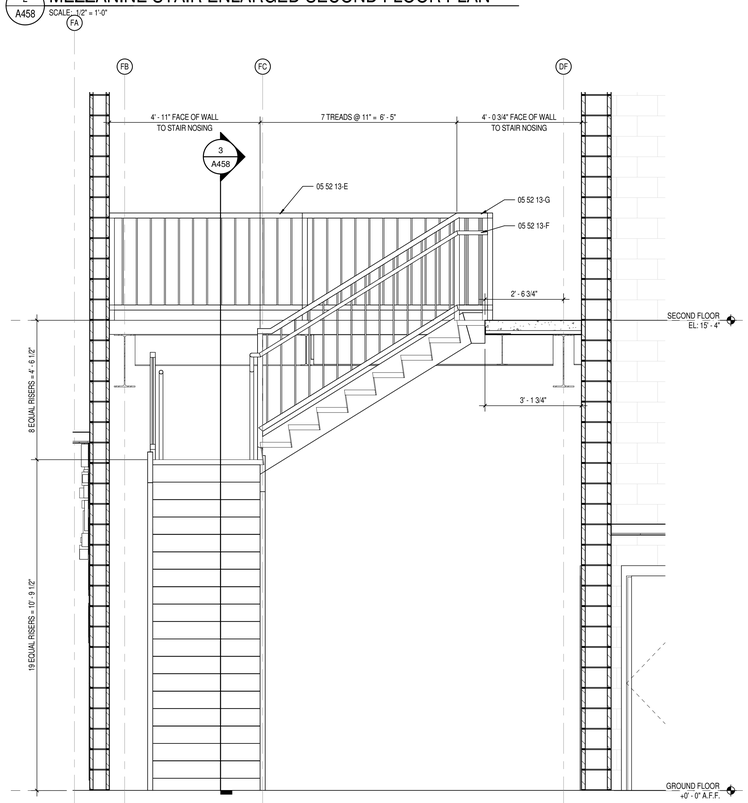
6 A458 GUARDRAIL DETAIL
SCALE: 1 1/2" = 1'-0"



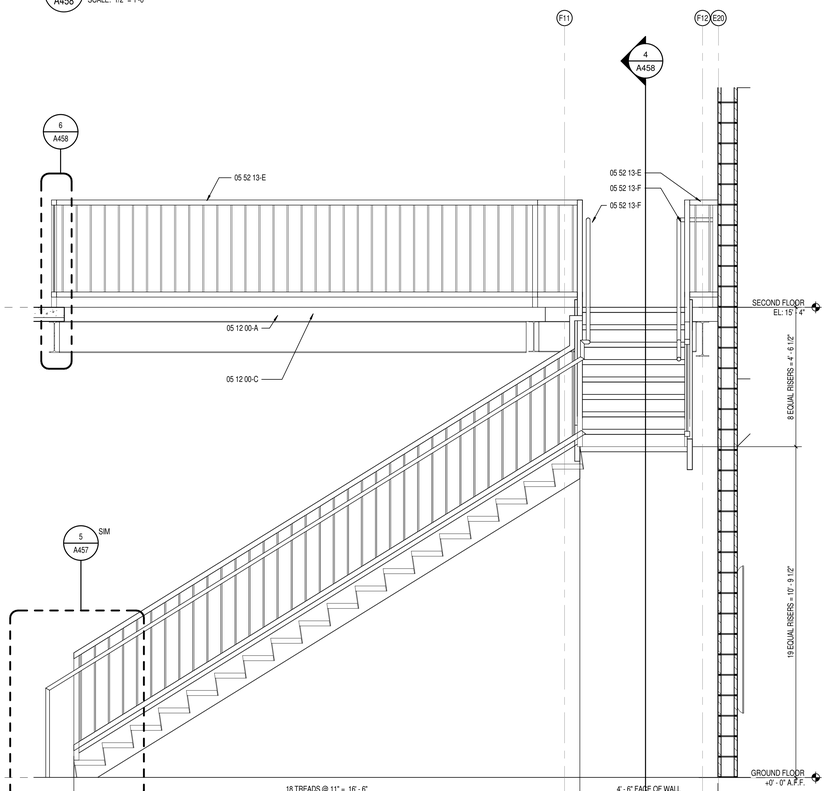
2 A458 MEZZANINE STAIR ENLARGED SECOND FLOOR PLAN
SCALE: 1/2" = 1'-0"



1 A458 MEZZANINE STAIR ENLARGED GROUND FLOOR PLAN
SCALE: 1/2" = 1'-0"



4 A458 MEZZANINE STAIR SECTION - WEST
SCALE: 1/2" = 1'-0"



3 A458 MEZZANINE STAIR SECTION - NORTH
SCALE: 1/2" = 1'-0"

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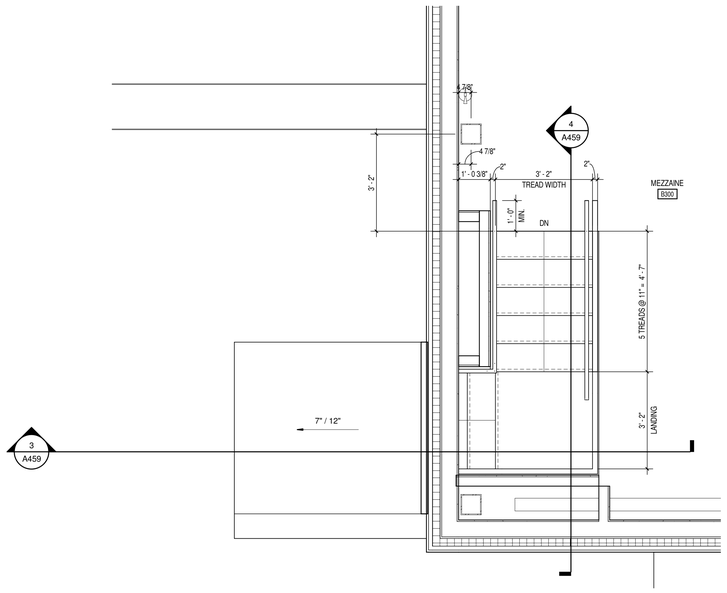
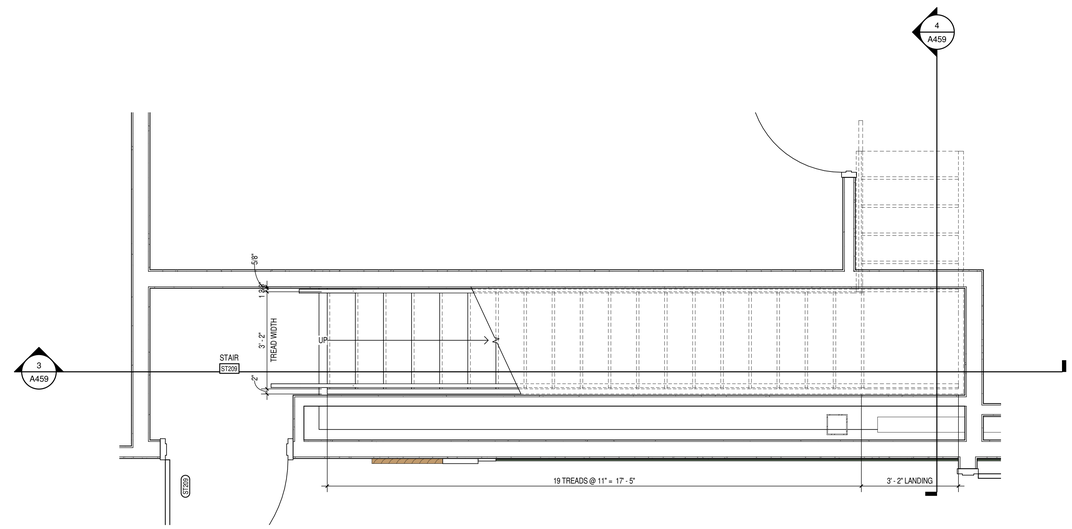


2 A459 STAIR ST209 ENLARGED MEZZANINE FLOOR PLAN
SCALE: 1/2" = 1'-0"



1 A459 STAIR ST209 ENLARGED SECOND FLOOR PLAN
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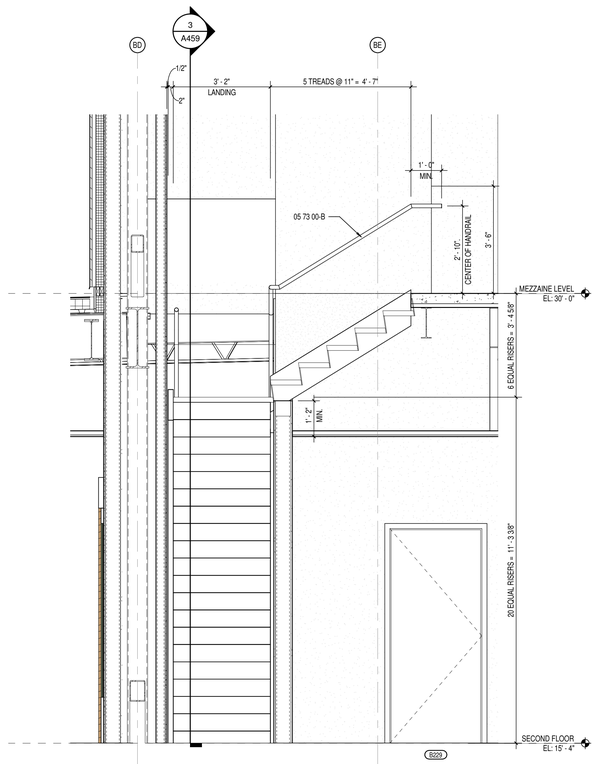
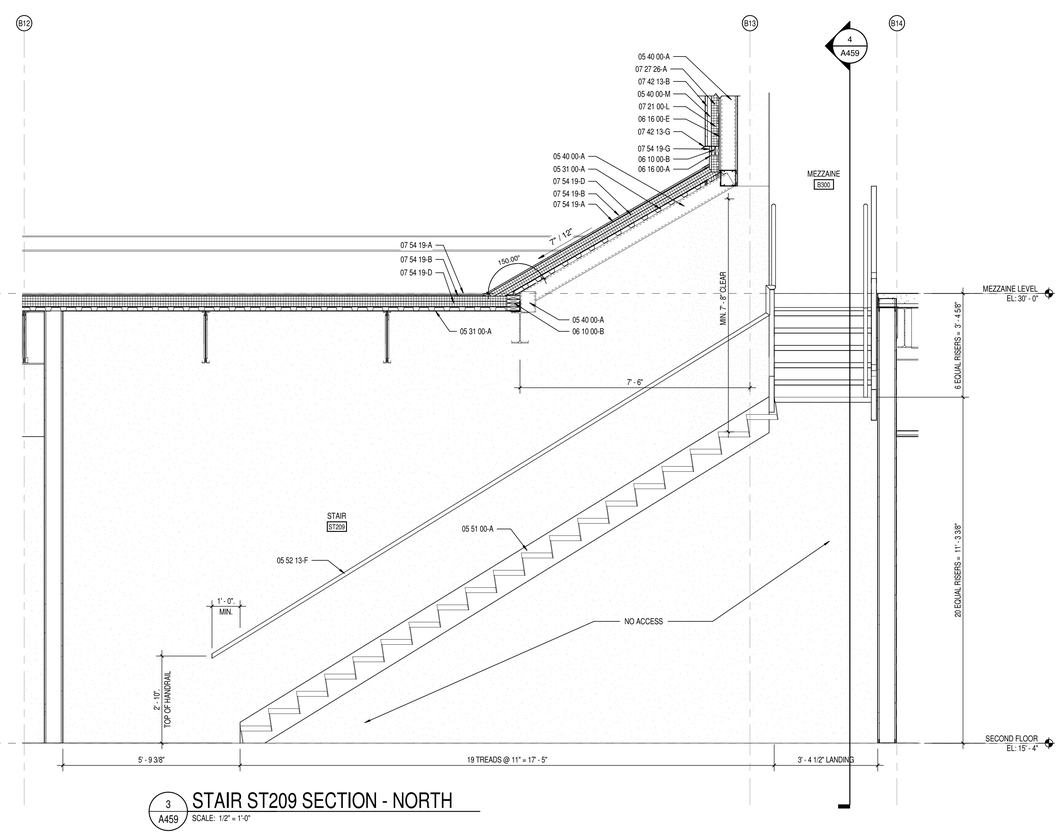


4 A459 STAIR ST209 SECTION - WEST
SCALE: 1/2" = 1'-0"



3 A459 STAIR ST209 SECTION - NORTH
SCALE: 1/2" = 1'-0"

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No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
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PROJECT NUMBER
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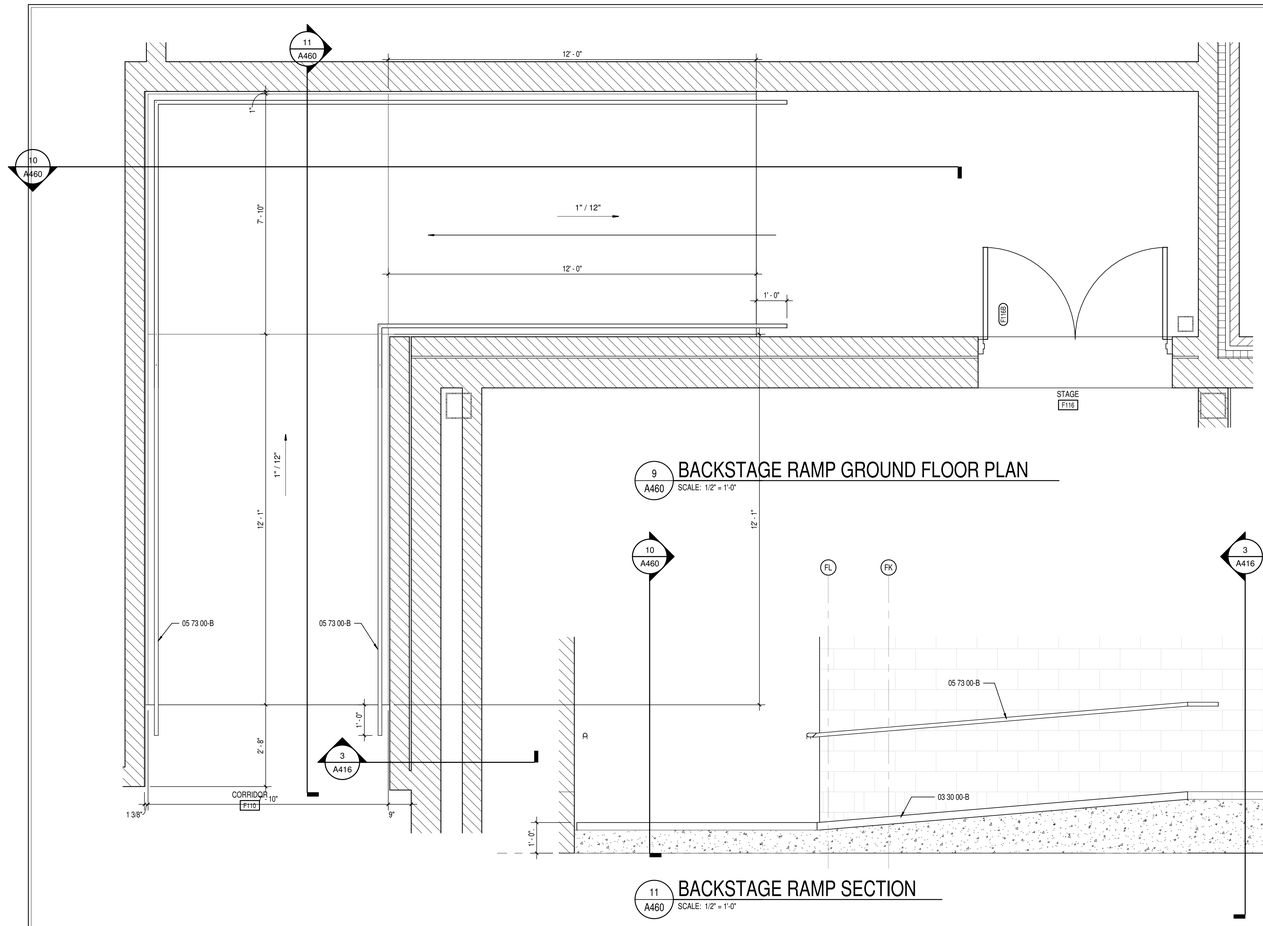
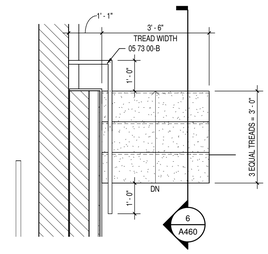
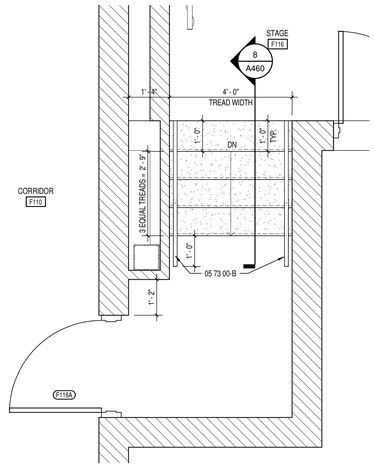


9 A460 BACKSTAGE RAMP GROUND FLOOR PLAN
SCALE: 1/2" = 1'-0"

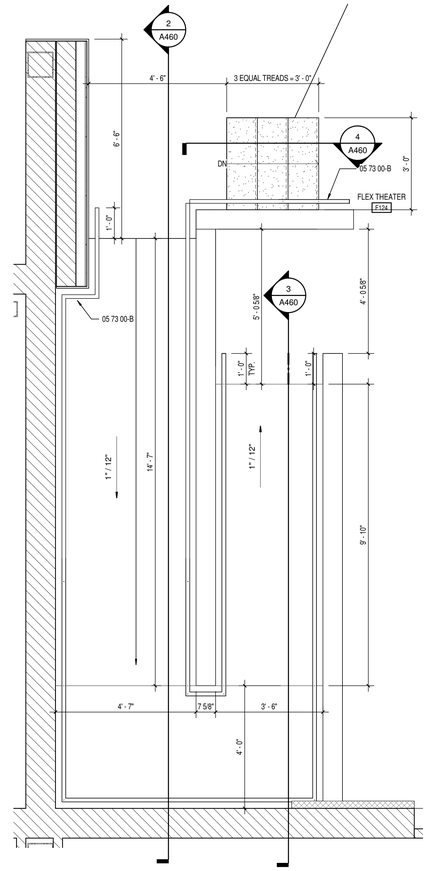
11 A460 BACKSTAGE RAMP SECTION
SCALE: 1/2" = 1'-0"



5 A460 STAGE STAIR GROUND FLOOR PLAN
SCALE: 1/2" = 1'-0"



7 A460 BACKSTAGE STAIR GROUND FLOOR PLAN
SCALE: 1/2" = 1'-0"



1 A460 STAGE RAMP AND STAIRS GROUND FLOOR PLAN
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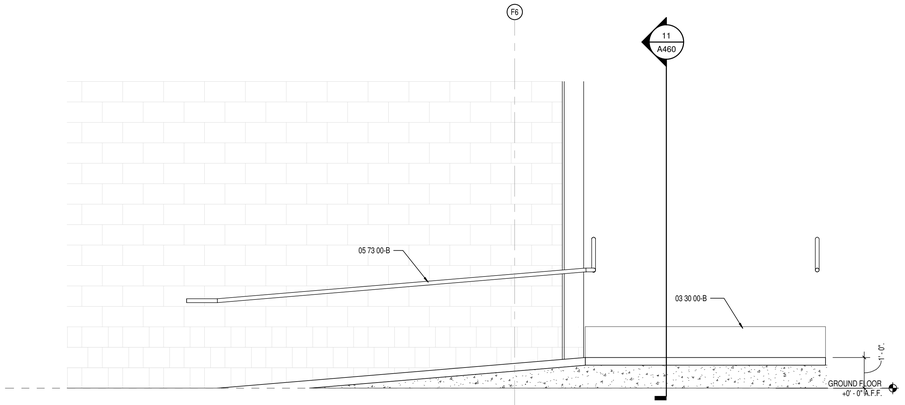
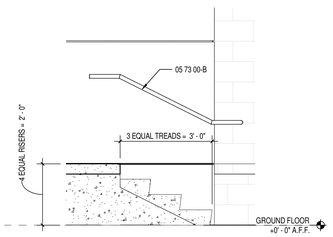
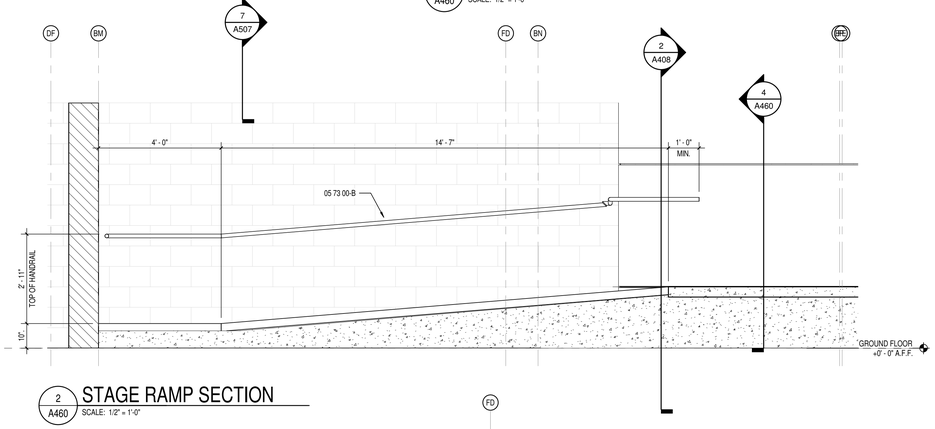


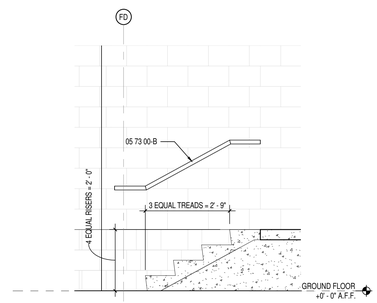
10 A460 BACKSTAGE RAMP SECTION
SCALE: 1/2" = 1'-0"



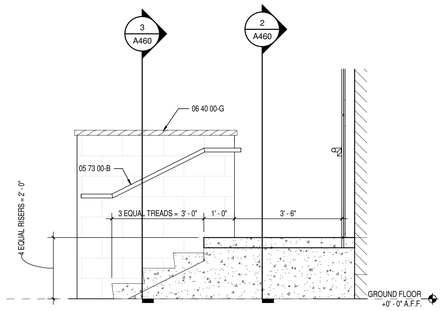
6 A460 STAGE STAIR SECTION
SCALE: 1/2" = 1'-0"



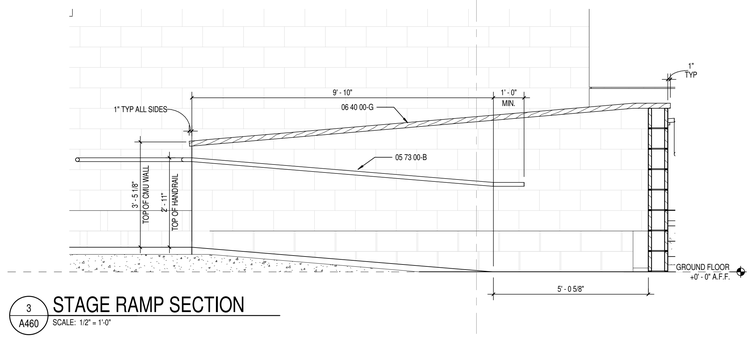
2 A460 STAGE RAMP SECTION
SCALE: 1/2" = 1'-0"



8 A460 BACKSTAGE STAIR SECTION
SCALE: 1/2" = 1'-0"



4 A460 STAGE STAIR SECTION
SCALE: 1/2" = 1'-0"



3 A460 STAGE RAMP SECTION
SCALE: 1/2" = 1'-0"

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BID DOCUMENTS
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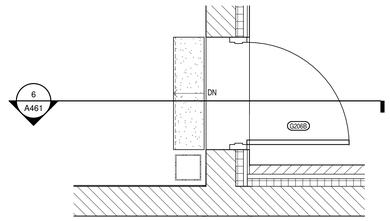
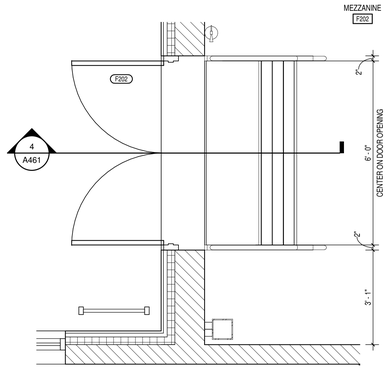
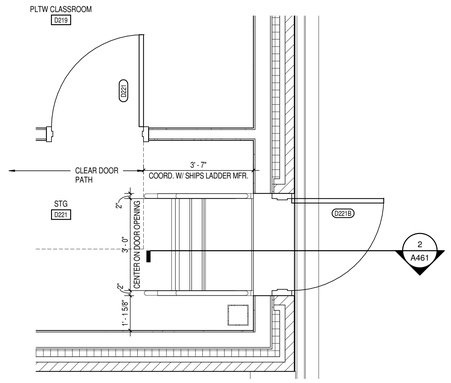


5 A461 ENLARGED ROOF ACCESS STAIR PLAN (G201)
SCALE: 1/2" = 1'-0"



3 A461 ENLARGED ROOF ACCESS SHIPS LADDER PLAN (F202)
SCALE: 1/2" = 1'-0"



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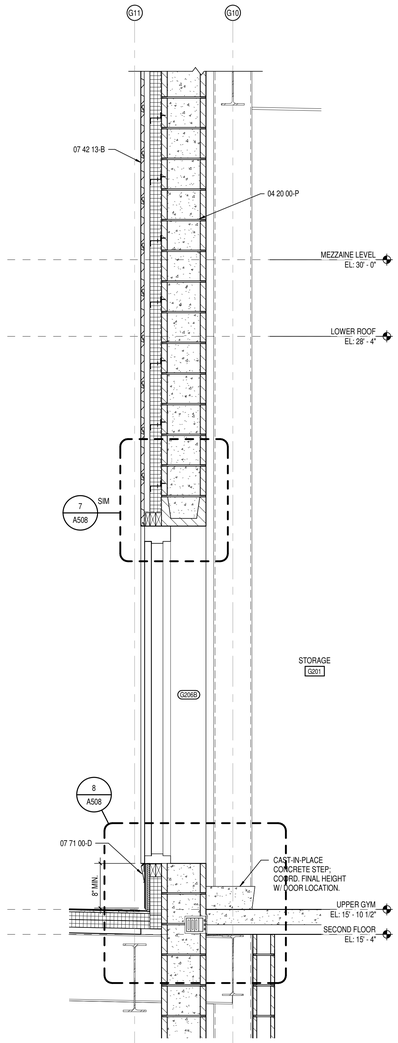
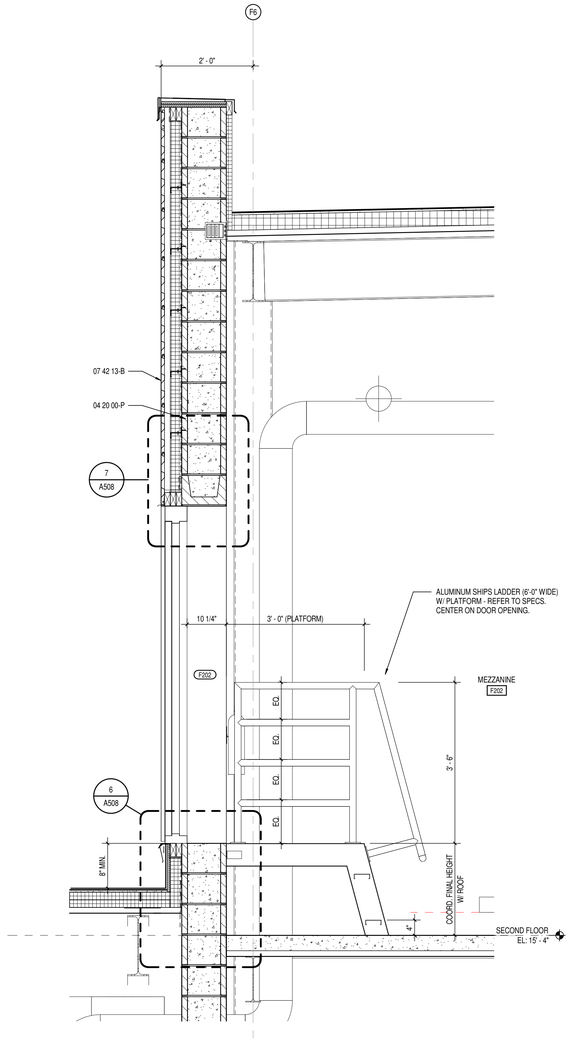
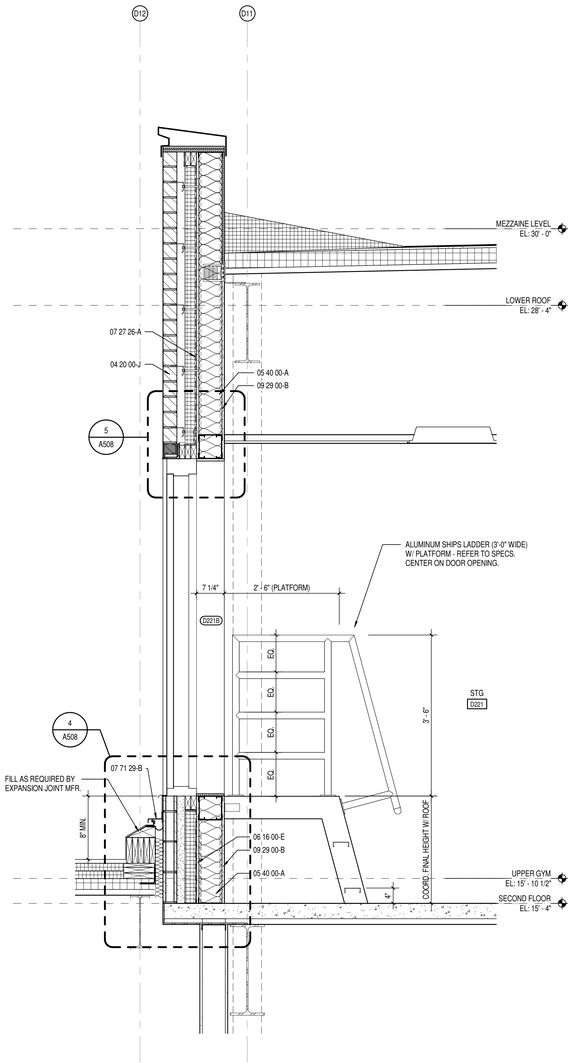
SCALE: 1/2" = 1'-0"



6 A461 ROOF ACCESS STAIR SECTION (G201)
SCALE: 3/4" = 1'-0"



4 A461 ROOF ACCESS SHIPS LADDER SECTION (F202)
SCALE: 3/4" = 1'-0"



2 A461 ROOF ACCESS SHIPS LADDER SECTION (D221)
SCALE: 3/4" = 1'-0"

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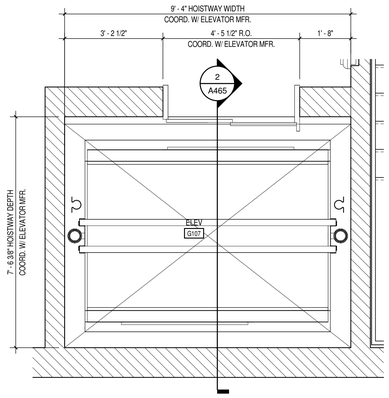
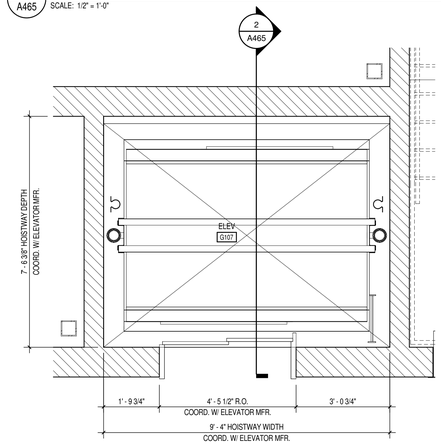
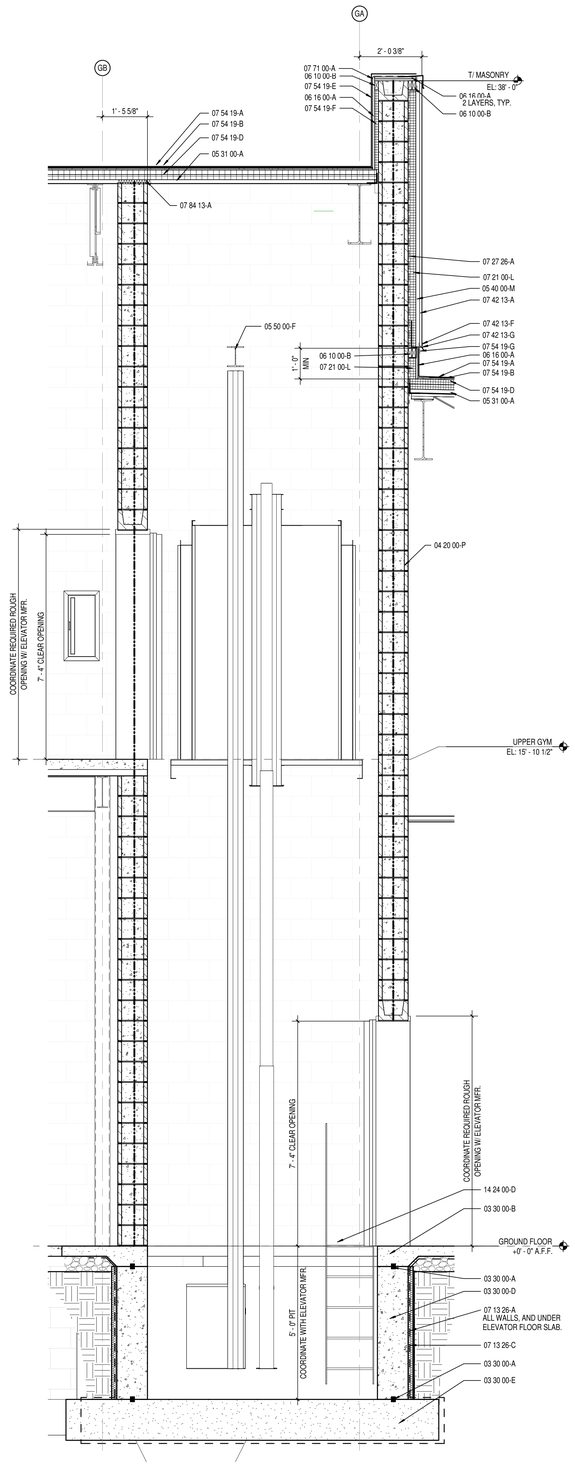


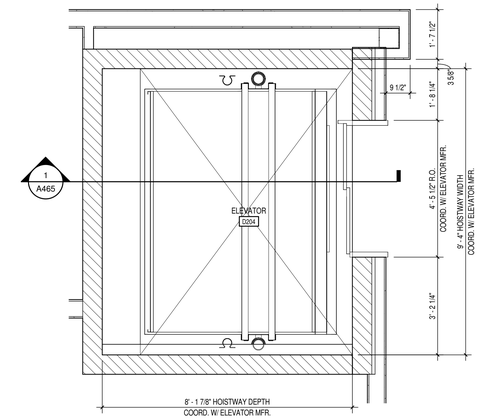
6 A465 ELEVATOR G105 ENLARGED SECOND FLOOR PLAN
SCALE: 1/2" = 1'-0"



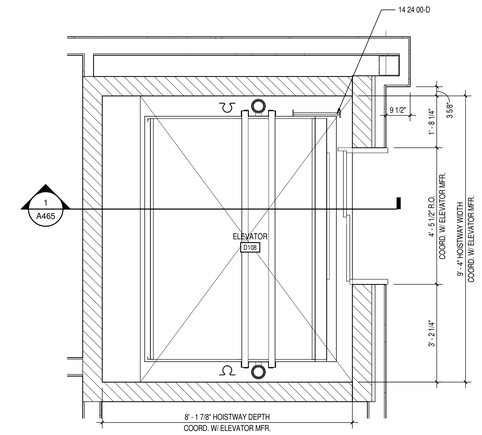
5 A465 ELEVATOR G105 ENLARGED GROUND FLOOR PLAN
SCALE: 1/2" = 1'-0"



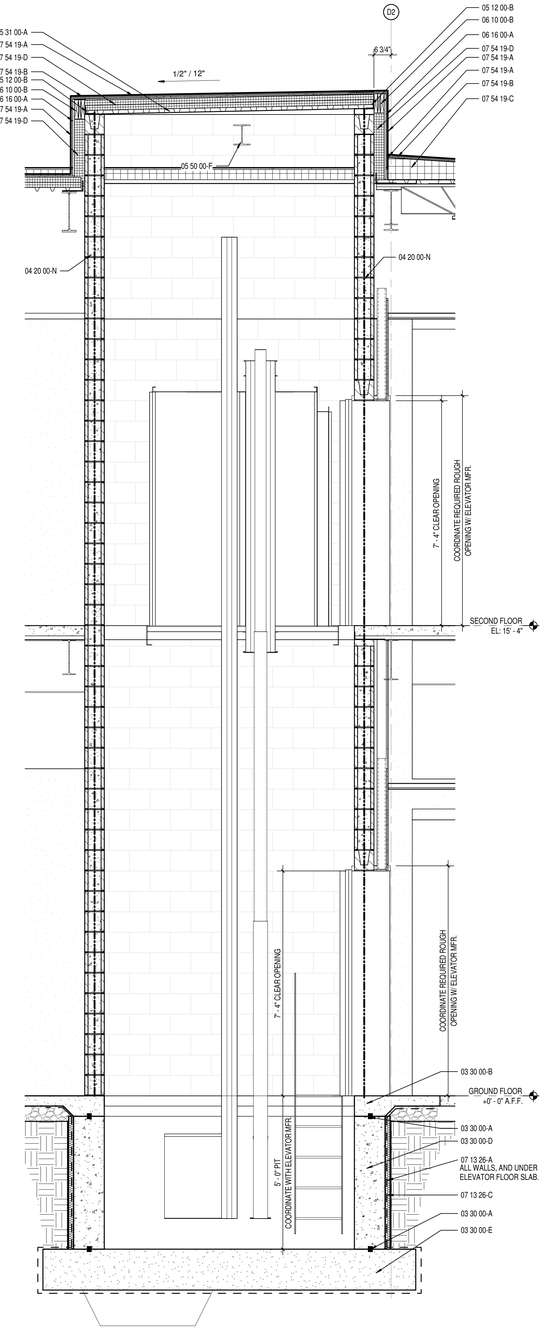
2 A465 ELEVATOR G105 SECTION - EAST
SCALE: 1/2" = 1'-0"



4 A465 ELEVATOR B234 ENLARGED SECOND FLOOR PLAN
SCALE: 1/2" = 1'-0"



3 A465 ELEVATOR B314 ENLARGED GROUND FLOOR PLAN
SCALE: 1/2" = 1'-0"



1 A465 ELEVATOR B314 SECTION - SOUTH
SCALE: 1/2" = 1'-0"

CSO
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. They are not intended to be complete in that they describe all work required for full performance and completion of the requirements of the Contract.
Within the general architectural scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	LNF	EHMH

DRAWING TITLE:
ENLARGED ELEVATOR PLANS, SECTIONS, AND DETAILS

CERTIFIED BY:
BRENT C. HIRT
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A465

PROJECT NUMBER
2023061

DOOR AND FRAME SCHEDULE

DOOR								FRAME				DETAIL						
MARK	SIZE WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	ELEVATION	GLASS	MATERIAL	FINISH	ELEVATION	GLASS	HEAD	JAMB	SILL	UL RATING	STC RATING	REMARKS
GROUND FLOOR																	
UNIT A																	
A100	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F3	G3	H4	J4	-	-	-	-
A100A	SGL	4' - 0"	7' - 0"	1 3/4"	HM	MDWL	D3	G3	HM	PT	F1	-	H6	J6	-	-	-	2
A101	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F3	G3	H4	J4	-	-	-	-
A102	PAIR	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
A103	PAIR	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
A104	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F16	G3	H4	J4	-	-	-	-
A105	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F16	G3	H4	J4	-	-	-	-
A106A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F8	G3	H12	J12	-	-	-	-
A106B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F8	G3	H12	J12	-	-	-	-
A107A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F8	G3	H12	J12	-	-	-	-
A107B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F8	G3	H12	J12	-	-	-	-
A108	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F16	G3	H4	J4	-	-	-	-
A109	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F16	G3	H4	J4	-	-	-	-
A110	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F5	G3	H12	J12	-	-	-	-
A111	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F5	G3	H12	J12	-	-	-	-
A112	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F16	G3	H4	J4	-	-	-	-
A113	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F16	G3	H4	J4	-	-	-	-
A114	PAIR	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F15	G3	H4	J4	-	-	-	-
A115	PAIR	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F15	G3	H4	J4	-	-	-	-
A116A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F9	G3	H12	J12	-	-	-	-
A116B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F9	G3	H12	J12	-	-	-	-
A117A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F9	G3	H12	J12	-	-	-	-
A117B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F9	G3	H12	J12	-	-	-	-
A118A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F3	G3	H4	J4	-	-	-	-
A118B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F3	G3	H4	J4	-	-	-	-
A118C	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
A118D	OSD	10' - 0"	9' - 0"	2 1/8"	AL	AN	D7	G3	AL	AN	-	-	H22	J22				
A118E	OSD	10' - 0"	9' - 0"	2 1/8"	AL	AN	D7	G3	AL	AN	-	-	H22	J22				
A118F	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
A119A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H1	J1	-	-	-	-
A120A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G3	HM	PT	F1	-	H4	J4	-	-	-	-
A120B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G3	HM	PT	F1	-	H4	J4	-	-	-	-
A120C	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
A121A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F9	G3	H12	J12	-	-	-	-
A122A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F9	G3	H12	J12	-	-	-	-
A123	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
A124	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
A125	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
A126A	PAIR	3' - 0"	7' - 0"	1 3/4"	AL	AN	D6	G1	AL	AN	F11	G1	H4	J4	-	-	-	-
A126B	PAIR	3' - 0"	7' - 0"	1 3/4"	AL	AN	D6	G1	AL	AN	F11	G1	1/A436	J17	1/A432	-	-	-
A126C	PAIR	3' - 0"	7' - 0"	1 3/4"	AL	AN	D6	G1	AL	AN	F11	G1	1/A436	J17	1/A432	-	-	-
A126D	PAIR	3' - 0"	7' - 0"	1 3/4"	AL	AN	D6	G1	AL	AN	F11	G1	H4	J4	-	-	-	-
A127	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H1	J1	-	-	-	-
A128	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H1	J1	-	-	-	-
A129	SGL	3' - 0"	7' - 0"	1 3/4"	WD	PT	D4	G3	HM	ST	F3	G3	H4	J4	-	-	-	-
A130	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F3	G3	H4	J4	-	-	-	-
A132	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	G3	HM	PT	F1	-	H4	J4	-	-	-	-
R101	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
R102	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
R103	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
R104	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
R105	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
R106	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
R107	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
R108	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
V008A	PAIR	3' - 0"	7' - 0"	1 3/4"	AL	AN	D6	G1	AL	AN	F26	G1	3/A432	J13	S2	-	-	-
V008B	PAIR	3' - 0"	7' - 0"	1 3/4"	AL	AN	D5	G1	AL	AN	F6	G1	H10	J10	-	-	-	-
V009A	PAIR	3' - 3"	7' - 0"	1 3/4"	AL	AN	D6	G1	AL	AN	F23	G1	3/A432	J20	S2	-	-	-
V009B	PAIR	3' - 0"	7' - 0"	1 3/4"	AL	AN	D5	G1	AL	AN	F6	G1	H11	J12	-	-	-	-
V010A	PAIR	3' -3"	7' - 0"	1 3/4"	AL	AN	D6	G1	AL	AN	F23	G1	3/A432	J20	S2	-	-	-
V010B	PAIR	3' - 0"	7' - 0"	1 3/4"	AL	AN	D5	G1	AL	AN	F6	G1	H11	J12	-	-	-	-
UNIT B																		
B100	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F3	G3	H4	J4	-	-	-	-
B101	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F3	G3	H4	J4	-	-	-	-
B101A	SGL	4' - 0"	7' - 0"	1 3/4"	HM	MDWL	D3	G3	HM	PT	F1	-	H6	J6	-	-	-	2
B102	PAIR	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
B103	PAIR	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
B104	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F16	G3	H4	J4	-	-	-	-
B105	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F16	G3	H4	J4	-	-	-	-
B106A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F8	G3	H12	J12	-	-	-	-
B106B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F8	G3	H12	J12	-	-	-	-
B107A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F8	G3	H12	J12	-	-	-	-
B107B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F8	G3	H12	J12	-	-	-	-
B108	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F16	G3	H4	J4	-	-	-	-
B109	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F16	G3	H4	J4	-	-	-	-
B110	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F5	G3	H12	J12	-	-	-	-
B111	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F5	G3	H12	J12	-	-	-	-
B112	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F16	G3	H4	J4	-	-	-	-
B113	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F16	G3	H4	J4	-	-	-	-
B114	PAIR	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F15	G3	H4	J4	-	-	-	-
B115	PAIR	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F15	G3	H4	J4	-	-	-	-
B116A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F9	G3	H12	J12	-	-	-	-
B116B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F9	G3	H12	J12	-	-	-	-
B117A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F9	G3	H12	J12	-	-	-	-
B117B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F9	G3	H12	J12	-	-	-	-
B118A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F3	G3	H4	J4	-	-	-	-
B118B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F3	G3	H4	J4	-	-	-	-
B118C	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
B118D	OSD	10' - 0"	9' - 0"	2 1/8"	AL	AN	D7	G3	AL	AN	-	-	H22	J22				
B118E	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
B118F	OSD	10' - 0"	9' - 0"	2 1/8"	AL	AN	D7	G3	AL	AN	-	-	H22	J22				
B119	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H1	J1	-	-	-	-
B120A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G3	HM	PT	F1	-	H5	J5	-	-	-	-
B120B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G3	HM	PT	F1	-	H5	J5	-	-	-	-
B121A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F9	G3	H12	J12	-	-	-	-
B121C	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
B122A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F9	G3	H12	J12	-	-	-	-
B123	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
B124	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
B125	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
B126A	PAIR	3' - 0"	7' - 0"	1 3/4"	AL	AN	D6	G1	AL	AN	F11	G1	H11	J11	-	-	-	-
B126B	PAIR	3' - 0"	7' - 0"	1 3/4"	AL	AN	D6	G1	AL	AN	F11	G1	1/A436	J17	S2	-	-	-
B126C	PAIR	3' - 0"	7' - 0"	1 3/4"	AL	AN	D6	G1	AL	AN	F11	G1	1/A436	J17	S2	-	-	-
B126D	PAIR	3' - 0"	7' - 0"	1 3/4"	AL	AN	D6	G1	AL	AN	F11	G1	H11	J11	-	-	-	-
B127	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H1	J1	-	-	-	-
B128	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H1	J1	-	-	-	-
B129A	PAIR	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
B129B	SGL	3' - 0"	7' - 0"	1 3/4"	AL	AN	D5	G1	AL	AN	F14	G1	6/A431	J17	-	-	-	-
B130	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F9	G3	H4	J4	-	-	-	-
B131	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F8	-	H4	J4	-	-	-	-
B132	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F8	-	H4	J4	-	-	-	-
B133	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G3	HM	PT	F1	-	H4	J4	-	-	-	-
R109	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
R110	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
R111	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
R112	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
R113	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
R114	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
R115	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
R116	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
V006A	PAIR	3' -3"	7' - 0"	1 3/4"	AL	AN	D6	G1	AL	AN	F23	G1	3/A432	J20	S2	-	-	-
V006B	PAIR	3' - 0"	7' - 0"	1 3/4"	AL	AN	D5	G1	AL	AN	F6	G1	H11	J12	-	-	-	-
V007A	PAIR	3' -3"	7' - 0"	1 3/4"	AL	AN	D6	G1	AL	AN	F23	G1	3/A432	J20	S2	-	-	-
V007B	PAIR	3' - 0"	7' - 0"	1 3/4"	AL	AN	D5	G1	AL	AN	F6	G1	H11	J12	-	-	-	-
UNIT C																		
C100	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F3	G3	H4	J4	-	-	-	-
C101	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F3	G3	H4	J4	-	-	-	-
C101A	SGL	4' - 0"	7' - 0"	1 3/4"	HM	MDWL	D3	G3	HM	PT	F1	-	H6	J6	-	-	-	2
C102	PAIR	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
C103	PAIR	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
C104	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F16	G3	H4	J4	-	-	-	-
C105	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F16	G3	H4	J4	-	-	-	-
C106A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AL	F8	G3	H12	J12	-	-	-	-
C106B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AL	F8	G3	H12	J12	-	-	-	-
C107A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AL	F8	G3	H12	J12	-	-	-	-
C107B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AL	F8	G3	H12	J12	-	-	-	-
C108	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F16	G3	H4	J4	-	-	-	-
C109	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F16	G3	H4	J4	-	-	-	-
C110	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F5	G3	H1	J1	-	-	-	-
C111	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AL	F5	G3	H12	J12	-	-	-	-
C112	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F16	G3	H4	J4	-	-	-	-
C113	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F16	G3	H4	J4	-	-	-	-
C114	PAIR	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F15	G3	H4	J4	-	-	-	-
C115	PAIR	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F15	G3	H4	J4	-	-	-	-

DOOR AND FRAME SCHEDULE

DOOR								FRAME				DETAIL						
MARK	SIZE WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	ELEVATION	GLASS	MATERIAL	FINISH	ELEVATION	GLASS	HEAD	JAMB	SILL	UL RATING	STC RATING	REMARKS
C116A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AL	F9	G3	H12	J12	-	-	-	-
C116B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AL	F9	G3	H12	J12	-	-	-	-
C117A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AL	F9	G3	H12	J12	-	-	-	-
C117B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AL	F9	G3	H12	J12	-	-	-	-
C118A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F3	G3	H4	J4	-	-	-	-
C118B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F3	G3	H4	J4	-	-	-	-
C118C	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	-	HM	PT	F1	-	H4	J4	-	-	-	-
C118D	OSD	10' - 0"	9' - 0"	2 1/8"	AL	AN	D7	G3	AL	AN	-	-	H22	J22				
C118E	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
C118F	OSD	10' - 0"	9' - 0"	2 1/8"	AL	AN	D7	G3	AL	AN	-	-	H22	J22				
C119	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H1	J1	-	-	-	-
C120A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G3	HM	PT	F1	-	H4	J4	-	-	-	-
C120B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G3	HM	PT	F1	-	H4	J4	-	-	-	-
C120C	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
C121A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AL	F9	G3	H12	J12	-	-	-	-
C122A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AL	F9	G3	H12	J12	-	-	-	-
C123	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
C124	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
C125	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
C126A	PAIR	3' - 0"	7' - 0"	1 3/4"	AL	AN	D6	G1	AL	AN	F11	G1	H11	J11	-	-	-	-
C126B	PAIR	3' - 0"	7' - 0"	1 3/4"	AL	AN	D6	G1	AL	AN	F11	G1	1/A436	J17	S2	-	-	-
C126C	PAIR	3' - 0"	7' - 0"	1 3/4"	AL	AN	D6	G1	AL	AN	F11	G1	1/A436	J17	S2	-	-	-
C126D	PAIR	3' - 0"	7' - 0"	1 3/4"	AL	AN	D6	G1	AL	AN	F11	G1	H11	J11	-	-	-	-
C128	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H1	J1	-	-	-	-
C129	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H1	J1	-	-	-	-
C130	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F3	G3	H4	J4	-	-	-	-
C131	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F3	G3	H4	J4	-	-	-	-
C132A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F8	G3	H4	J4	-	-	-	-
C132B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F8	G3	H4	J4	-	-	-	-
C133A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H1	J1	-	-	-	-
C133B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H1	J1	-	-	-	-
R117	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
R118	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
R119	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
R120	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
R121	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
R122	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
R123	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
R124	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
V003A	PAIR	3' -3"	7' - 0"	1 3/4"	AL	AN	D6	G1	AL	AN	F23	G1	3/A432	J20	S2	-	-	-
V003B	PAIR	3' - 0"	7' - 0"	1 3/4"	AL	AN	D6	G1	AL	AN	F6	G1	H11	J12	-	-	-	-
V004A	PAIR	3' -3"	7' - 0"	1 3/4"	AL	AN	D6	G1	AL	AN	F23	G1	3/A432	J20	S2	-	-	-
V004B	PAIR	3' - 0"	7' - 0"	1 3/4"	AL	AN	D6	G1	AL	AN	F6	G1	H11	J12	-	-	-	-
V005A	PAIR	3' - 0"	7' - 0"	1 3/4"	AL	AN	D6	G1	AL	AN	F26	G1	3/A432	J13	S2	-	-	-
V005B	PAIR	3' - 0"	7' - 0"	1 3/4"	AL	AN	D5	G1	AL	AN	F6	G1	H10	J10	-	-	-	-
UNIT D																		
D100	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G3	HM	PT	F1	-	H4	J4	-	-	-	-
D101	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G3	HM	PT	F1	-	H1	J1	-	-	-	-
D102	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G3	HM	PT	F1	-	H1	J1	-	-	-	-
D103	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H1	J1	-	-	-	-
D104	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F3	G3	H4	J4	-	-	-	-
D105	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H1	J1	-	-	-	-
D106	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
D107	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
D109	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
D110A	PAIR	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
D110B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
D111A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
D111B	OCD	7' - 0"	6' - 8"	5/8"	AL	AN	D8	-	AL	AN	-	-	S/A456	J23				
D112	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-

DOOR AND FRAME SCHEDULE

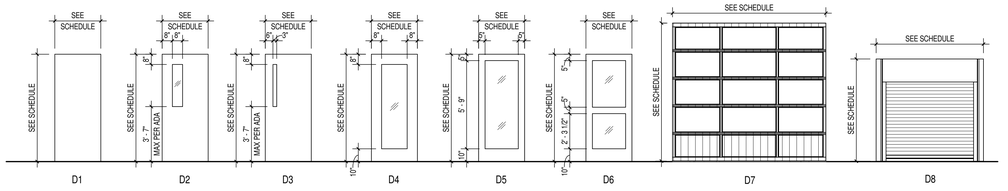
DOOR								FRAME				DETAIL					
MARK	SIZE											HEAD	JAMB	SILL	UL RATING	STC RATING	REMARKS
		WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	ELEVATION	GLASS	MATERIAL	FINISH	ELEVATION	GLASS							
R134	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H2	J2	-	-	-	-
R135	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H2	J2	-	-	-	-
R136	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H2	J2	-	-	-	-
R137	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H2	J2	-	-	-	-
R138	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H1	J1	-	-	-	-
V001A	PAIR	3' - 0"	7' - 0"	1 3/4"	AL	AN	D6	G4	AL	AN	F-	G4	14/A431	J19	S2	-	-	-
V001B	PAIR	3' - 0"	7' - 0"	1 3/4"	AL	AN	D6	G4	AL	AN	F-	G4	14/A431	8/A442	S2	-	-	-
V001C	PAIR	3' - 0"	7' - 0"	1 3/4"	AL	AN	D6	G4	AL	AN	F22	G4	H11	J-	-	-	-	-
V001D	PAIR	3' - 0"	7' - 0"	1 3/4"	AL	AN	D6	G4	AL	AN	F22	G4	H11	J-	-	-	-	-
V002A	SGL	4' - 0"	7' - 0"	1 3/4"	AL	AN	D6	G1	AL	AN	F18	G1	14/A431	J18	S2	-	-	-
V002B	SGL	4' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G1 - 1	HM	PT	F3	G1 - 1	H6	J6	-	-	-	-
V002C	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
UNIT F																		
F100A	OCD	28' - 10 3/4"	9' - 0"	5/8"	AL	AN	D8	-	AL	AN	-	-						
F100B	OCD	28' - 1 3/8"	9' - 0"	5/8"	AL	AN	D8	-	AL	AN	-	-						
F101A	PAIR	3' - 6"	7' - 0"	1 3/4"	WD	ST	D2	G3	HM	PT	F2	-	H8	J8	-	-	-	-
F101B	SGL	3' - 6"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
F101C	SGL	3' - 6"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
F102	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
F103B	SGL	4' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H8	J8	-	-	-	-
F105A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
F105B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
F108	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
F110	PAIR	3' - 6"	7' - 0"	1 3/4"	WD	ST	D2	G3	HM	PT	F2	-	H8	J8	-	-	-	-
F111A	SGL	4' - 0"	7' - 0"	1 3/4"	HM	PT	D1	-	HM	PT	F2	-	H16	J16	S1	-	-	-
F111B	OCD	9' - 4"	9' - 4"	5/8"	AL	AN	D8	-	AL	AN	-	-						
F112	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F4	-	H8	J8	-	-	-	-
F113A	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
F113B	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H16	J16	S1	-	-	-
F114A	PAIR	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
F115A	SGL	4' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
F115B	SGL	4' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H16	J16	S1	-	-	-
F116A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H9	J9	-	-	-	-
F116B	PAIR	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H9	J9	-	-	-	-
F117	PAIR	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H9	J9	-	-	-	-
F118	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
F119	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
F120	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
F123A	PAIR	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H9	J9	-	-	-	-
F123B	PAIR	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
F124A	PAIR	3' - 4"	7' - 0"	1 3/4"	WD	ST	D3	G3	HM	PT	F1	-	H8	J8	-	-	-	-
F124B	PAIR	3' - 4"	7' - 0"	1 3/4"	WD	ST	D3	G3	HM	PT	F1	-	H8	J8	-	-	-	-
F124C	PAIR	3' - 4"	7' - 0"	1 3/4"	WD	ST	D3	G3	HM	PT	F1	-	H8	J8	-	-	-	-
F124D	PAIR	3' - 4"	7' - 0"	1 3/4"	WD	ST	D3	G3	HM	PT	F1	-	H8	J8	-	-	-	-
R139	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
R140	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H7	J7	-	-	-	-
R141	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H7	J7	-	-	-	-
R144	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
ST109	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
V015	PAIR	3' - 2"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H15	J15	S1	-	-	-
V016A	PAIR	3' - 0 1/4"	7' - 0 1/4"	1 3/4"	AL	AN	D6	G1	AL	AN	F23	G1	4/A404	J13	S2	-	-	-
V016B	PAIR	3' - 0 1/4"	7' - 0 1/4"	1 3/4"	AL	AN	D6	G1	AL	AN	F23	G1	4/A404	J13	S2	-	-	-
V016C	PAIR	3' - 0 1/4"	7' - 0 1/4"	1 3/4"	AL	AN	D6	G1	AL	AN	F23	G1	H13	J13	S2	-	-	-
V016D	PAIR	3' - 0 1/4"	7' - 0 1/4"	1 3/4"	AL	AN	D6	G1	AL	AN	F23	G1	H13	J13	S2	-	-	-
UNIT G																		
G100A	PAIR	3' - 0"	7' - 0"	1 3/4"	AL	AN	D5	G3	AL	AN	F6	G3	H10	J10	-	-	-	-
G100B	PAIR	3' - 0"	7' - 0"	1 3/4"	AL	AN	D5	G3	AL	AN	F6	G3	H10	J10	-	-	-	-
G100C	PAIR	3' - 0"	7' - 0"	1 3/4"	WD	ST	D3	G3	HM	PT	F2	-	H9	J9	-	-	-	-
G101	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H9	J9	-	-	-	-
G102A	PAIR	3' - 0"	7' - 0"	1 3/4"	AL	AN	D6	G3	AL	AN	F7	G3	H10	J10	-	-	-	-
G102B	PAIR	3' - 0"	7' - 0"	1 3/4"	AL	AN	D6	G3	AL	AN	F7	G3	H10	J10	-	-	-	-
G102C	PAIR	3' - 0"	7' - 0"	1 3/4"	AL	AN	D6	G3	AL	AN	F7	G3	H10	J10	-	-	-	-
G102D	PAIR	3' - 0"	7' - 0"	1 3/4"	AL	AN	D6	G3	AL	AN	F7	G3	H10	J10	-	-	-	-
G102E	PAIR	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
G103A	SGL	3' - 6"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
G103B	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H9	J9	-	-	-	-
G104	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H9	J9	-	-	-	-
G105	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H9	J9	-	-	-	-
G105	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H9	J9	-	-	-	-
G108	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F4	G3	H9	J9	-	-	-	-
G108A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H9	J9	-	-	-	-
G108B	OCD	9' - 0"	9' - 4"	1/2"	GSTL	PC	D4	-	GSTL	PC	2/A301	-	4/A302	13/A301	4/A302	-	-	-
G109	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H9	J9	-	-	-	-
G111	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F4	G3	H8	J8	-	-	-	-
G112	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
G113	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F4	G3	H8	J8	-	-	-	-
G114	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
G115	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F4	G3	H8	J8	-	-	-	-
G116	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
G117A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
G117B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
G118	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
G119	SGL	4' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H8	J8	-	-	-	-
G120A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
G120B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
G121	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
G122	SGL	4' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H8	J8	-	-	-	-
G123A	SGL	4' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H8	J8	-	-	-	-
G123B	SGL	4' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H8	J8	-	-	-	-
G123C	PAIR	3' - 0"	7' - 0"	1 3/4"	HM	PT	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
G124	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G3	HM	PT	F2	-	H9	J9	-	-	-	-
G125	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G3	HM	PT	F2	-	H9	J9	-	-	-	-
G126A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F4	G3	H8	J8	-	-	-	-
G126B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F4	G3	H8	J8	-	-	-	-
G127	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F4	G3	H8	J8	-	-	-	-
G128	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F4	G3	H8	J8	-	-	-	-
G129	PAIR	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H9	J9	-	-	-	-
G130	PAIR	4' - 0"	7' - 0"	1 3/4"	-	-	D1	-	-	-	F1	-						
R145	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
R146	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
R147	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
R148	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
R149	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
R150	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
R153A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
R153B	SGL	3' - 4"	7' - 0"	1 3/4"	FRP	FRP	D1	-	FRP	FRP	F2	-	H16	J16	S1	-	-	-
R154A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
R154B	SGL	3' - 4"	7' - 0"	1 3/4"	FRP	FRP	D1	-	FRP	FRP	F2	-	H16	J16	S1	-	-	-
R154C	SGL	1' - 8"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
R155	SGL	3' - 4"	7' - 0"	1 3/4"	FRP	FRP	D1	-	FRP	FRP	F2	-	H16	J16	S1	-	-	-
ST107	SGL	4' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F5	G3	H7	J7	-	-	-	-
ST108	SGL	4' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F5	H7		J7	-	-	-	-
V016E	PAIR	3' - 0"	7' - 0"	1 3/4"	AL	AN	D5	G1 - 1	AL	AN	F6	G1 - 1	-	4/A440	-	-	-	-
V018A	PAIR	3' - 0"	7' - 0"	1 3/4"	FRP	FRP	D5	G1 - 1	AL	AN	F6	G1	H14	J14	S2	-	-	-
V018B	PAIR	3' - 0"	7' - 0"	1 3/4"	FRP	FRP	D5	G1 - 1	AL	AN	F6	G1 - 1	H10	J10	-	-	-	-
V023A	PAIR	3' - 0"	7' - 0"	1 3/4"	AL	AN	D5	G1	AL	AN	F6	G1	-	6/A440	S2	-	-	-
V023B	PAIR	3' - 0"	7' - 0"	1 3/4"	FRP	FRP	D5	G1 - 1	AL	AN	F19	G1 - 1	H10	J10	-	-	-	-
UNIT H																		
H100	SGL	3' - 6"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
H101A	SGL	3' - 6"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
H101B	OCD	9' - 0"	9' - 4"	1/2"	GSTL	PC	D4	-	GSTL	PC	2/A301	-	4/A302	13/A301	4/A302	-	-	-
H102	SGL	3' - 6"	7' - 0"	1 3/4"	WD	ST	D1		HM	PT	F2	-	H8	J8	-	-	-	-
H103A	PAIR	3' - 6"	7' - 0"	1 3/4"	WD	ST	D2	G3	HM	PT	F2	-	H8	J8	-	-	46	-
H103B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G3	HM	PT	F2	-	H8	J8	-	-	46	-
H104	SGL	4' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G3	HM	PT	F2	-	H8	J8	-	-	43	-
H105	PAIR	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	G3	HM	PT	F2	-	H8	J8	-	-	43	-
H106	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H9	J9	-	-	-	-
H107A	PAIR	3' - 6"	7' - 0"	1 3/4"	WD	ST	D2	G3	HM	PT	F2	-	H8	J8	-	-	46	-
H107B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G3	HM	PT	F2	-	H8	J8	-	-	46	-
H108	SGL	3' - 6"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F4	-	H8	J8	-	-	46	-
H109	SGL	3' - 6"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F4	-	H8	J8	-	-	46	-
H110	SGL	4' - 0"	8' - 0"	1 3/4"	WD	ST	D2	G3	HM	PT	F2	-	H8	J8	-	-	43	-
H111	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H9	J9	-	-	-	-
H112	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H9	J9	-	-	-	-
H113A	PAIR	3' - 6"	7' - 0"	1 3/4"	WD	ST	D2	G3	HM	PT	F2	-	H8	J8	-	-	43	-
H113B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G3	HM	PT	F2	-	H8	J8	-	-	46	-
H114	SGL	3' - 6"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F4	-	H8	J8	-	-	46	-
H115	SGL	3' - 6"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F4	-	H8	J8	-	-	46	-
H116	PAIR	3' - 6"	7' - 0"	1 3/4"	WD	ST	D2	G3	HM	PT	F2	-	H8	J8	-	-	46	-
H117	PAIR	3' - 6"	7' - 0"	1 3/4"	WD	ST	D2	G3	HM	PT	F2	-	H8	J8	-	-	46	-
H118	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
H119	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F5	G3	H8	J8	-	-	-	-

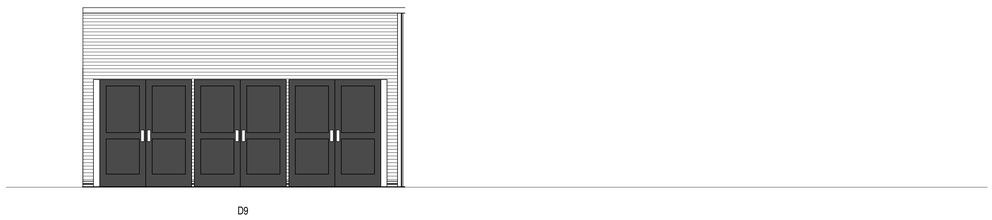
DOOR AND FRAME SCHEDULE

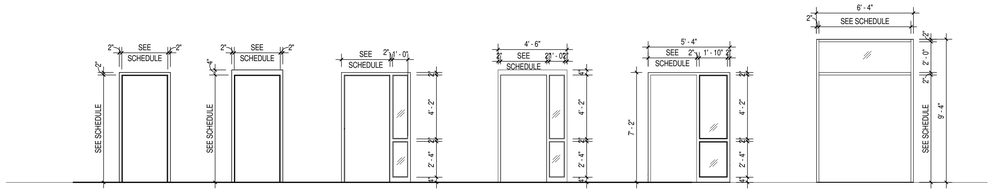
DOOR								FRAME				DETAIL					
MARK	SIZE											HEAD	JAMB	SILL	UL RATING	STC RATING	REMARKS
		WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	ELEVATION	GLASS	MATERIAL	FINISH	ELEVATION	GLASS							
H120	SGL	4' - 0"	7' - 0"	1 3/4"	WD	ST	D3	G3	HM	PT	F1	-	H8	J8	-	-	43	-
H121	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G3	HM	PT	F2	-	H8	J8	-	-	-	-
UNIT J																		
J001A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	-	-	-	-	-	-
J001B	OSD	12' - 0"	8' - 0"	2 1/8"	ST	PT	D7	-	ST	PT	-	-						
J002	PAIR	4' - 0"	7' - 0"	1 3/4"	-	-	D1	-	-	-	F1	-	-	-	-	-	-	-
J003	SGL	3' - 0"	7' - 0"	1 3/4"	-	-	D1	-	-	-	F2	-	-	-	-	-	-	-
J004	SGL	3' - 0"	7' - 0"	1 3/4"	-	-	D1	-	-	-	F2	-	-	-	-	-	-	-
MEZZAINE LEVEL																		
UNIT B																		
B300	PAIR	4' - 0"	7' - 0"	1 3/4"	HM	PT	D1	-	HM	PT	F1	-	-	-	-	-	-	1
UNIT C																		
C300	PAIR	4' - 0"	7' - 0"	1 3/4"	HM	PT	D1	-	HM	PT	F1	-	-	-	-	-	-	1
SECOND FLOOR																		
UNIT A																		
A200	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F3	G3	H4	J4	-	-	-	-
A201	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F3	G3	H4	J4	-	-	-	-
A202	PAIR	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
A203	PAIR	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
A204	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F16	G3	H4	J4	-	-	-	-
A205	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F16	G3	H4	J4	-	-	-	-
A206A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F8	G3	H12	J12	-	-	-	-
A206B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F8	G3	H12	J12	-	-	-	-
A207A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F8	G3	H12	J12	-	-	-	-
A207B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F8	G3	H12	J12	-	-	-	-
A208	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F16	G3	H4	J4	-	-	-	-
A209	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F16	G3	H4	J4	-	-	-	-
A210	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F5	G3	H12	J12	-	-	-	-
A211	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F5	G3	H12	J12	-	-	-	-
A212	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F16	G3	H4	J4	-	-	-	-
A213	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F16	G3	H4	J4	-	-	-	-
A214	PAIR	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F15	G3	H4	J4	-	-	-	-
A215	PAIR	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F15	G3	H4	J4	-	-	-	-
A216A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F9	G3	H12	J12	-	-	-	-
A216B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F9	G3	H12	J12	-	-	-	-
A217A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F9	G3	H12	J12	-	-	-	-
A217B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F9	G3	H12	J12	-	-	-	-
A218A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F3	G3	H4	J4	-	-	-	-
A218B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F3	G3	H4	J4	-	-	-	-
A218C	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
A218D	OSD	10' - 0"	9' - 0"	2 1/8"	AL	AN	D7	G3	AL	AN	-	-	H21	J21				
A218E	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
A218F	OSD	10' - 0"	9' - 0"	2 1/8"	AL	AN	D7	G3	AL	AN	-	-	H21	J21				
A219	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H1	J1	-	-	-	-
A220A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G3	HM	PT	F1	-	H4	J4	-	-	-	-
A220B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G3	HM	PT	F1	-	H4	J4	-	-	-	-
A221A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F9	G3	H12	J12	-	-	-	-
A222A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F9	G3	H12	J12	-	-	-	-
A224	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D2	-	HM	PT	F2	-	H4	J4	-	-	-	-
A225	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D2	-	HM	PT	F2	-	H4	J4	-	-	-	-
A226	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H1	J1	-	-	-	-
A227	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
R201	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
R202	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
R203	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
R204	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
R205	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
R206	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H2	J2	-	-	-	-
R207	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H2	J2	-	-	-	-
R208	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
UNIT B																		
B200	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F3	G3	H4	J4	-	-	-	-
B201	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F3	G3	H4	J4	-	-	-	-
B202	PAIR	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
B203	PAIR	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
B204	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F16	G3	H4	J4	-	-	-	-
B205	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F16	G3	H4	J4	-	-	-	-
B206A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F8	G3	H12	J12	-	-	-	-
B206B	SGL	3' - 0"	7' -

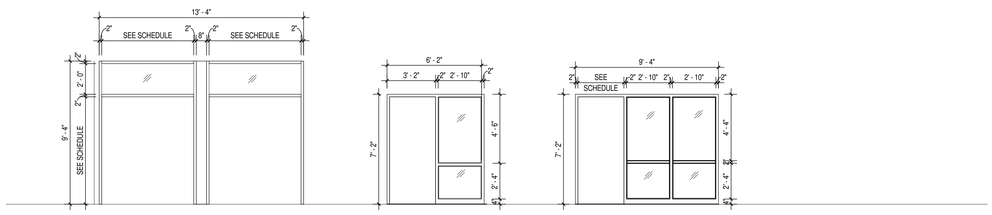
DOOR AND FRAME SCHEDULE

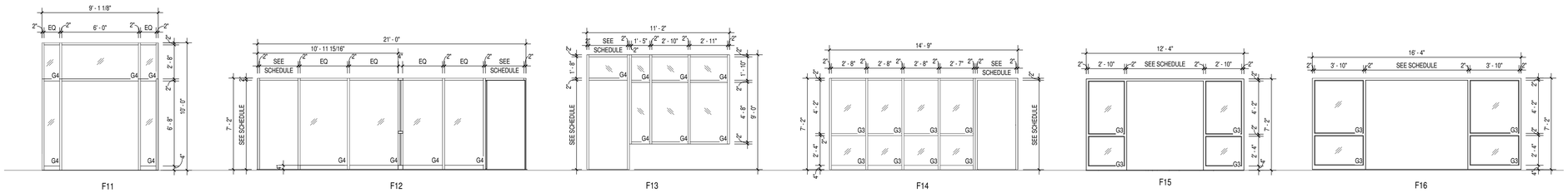
DOOR MARK	SIZE WIDTH	SIZE HEIGHT	SIZE THICKNESS	DOOR MATERIAL	DOOR FINISH	DOOR ELEVATION	DOOR GLASS	FRAME MATERIAL	FRAME FINISH	FRAME ELEVATION	FRAME GLASS	DETAIL HEAD	DETAIL JAMB	DETAIL SILL	UL RATING	STC RATING	REMARKS
C220A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G3	HM	PT	F1	-	H4	J4	-	-	-	-
C220B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G3	HM	PT	F1	-	H4	J4	-	-	-	-
C221A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F9	G3	H12	J12	-	-	-	-
C222A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	AL	AN	F9	G3	H12	J12	-	-	-	-
C224	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
C225	PAIR	4' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
C226	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H1	J1	-	-	-	-
C227	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
C228A	SGL	4' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G3	HM	PT	F3	G3	H4	J4	-	-	-	-
C228B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F3	G3	H4	J4	-	-	-	-
C229A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H1	J1	-	-	-	-
C229B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H1	J1	-	-	-	-
R217	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
R218	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H2	J2	-	-	-	-
R219	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H2	J2	-	-	-	-
R220	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
R221	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
R222	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
R223	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
R224	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H5	J5	-	-	-	-
UNIT D																		
D200A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F3	G3	H4	J4	-	-	-	-
D200B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F3	G3	H4	J4	-	-	-	-
D201A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H1	J1	-	-	-	-
D201B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H1	J1	-	-	-	-
D202	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H1	J1	-	-	-	-
D203	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H4	J4	-	-	-	-
D205	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
D206	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F9	G3	H5	J5	-	-	-	-
D208	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F9	G3	H4	J4	-	-	-	-
D209	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	-	HM	PT	F1	-	H4	J4	-	-	-	-
D210	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
D211	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
D212A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F3	G3	H4	J4	-	-	-	-
D212B	OSD	16' - 0"	7' - 0"	2 1/8"	AL	AN	D7	G3	AL	AN	-	-						
D213A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	-	HM	PT	F3	-	H4	J4	-	-	-	-
D213B	OSD	12' - 0"	8' - 0"	2 1/8"	AL	AN	D7	G3	AL	AN	-	-						
D214	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
D215	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
D216	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
D217	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
D218A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F3	G3	H4	J4	-	-	-	-
D218B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F3	G3	H4	J4	-	-	-	-
D219A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D4	G3	HM	PT	F3	G3	H4	J4	-	-	-	-
D219B	OSD	12' - 0"	8' - 0"	2 1/8"	AL	AN	D7	G3	AL	AN	-	-						
D220	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
D221	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
D221B	SGL	3' - 0"	7' - 0"	1 3/4"	HM	PT	D1	-	HM	PT	F2	-	-	-	-	-	-	1
R225	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
R226	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
R227	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
R228	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H4	J4	-	-	-	-
UNIT F																		
F202	PAIR	3' - 0"	7' - 0"	1 3/4"	HM	PT	D1	-	HM	PT	F2	-	-	-	-	-	-	1
F203A	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G3	HM	PT	F2	-	H7	J7	-	-	-	-
F203B	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G3	HM	PT	F2	-	H8	J8	-	-	-	-
F204	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G3	HM	PT	F2	-	H7	J7	-	-	-	-
F205	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G3	HM	PT	F2	-	H8	J8	-	-	-	-
F206	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G3	HM	PT	F2	-	H8	J8	-	-	-	-
F207	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G3	HM	PT	F2	-	H8	J8	-	-	-	-
UPPER GYM																		
UNIT G																		
G200	PAIR	3' - 0"	7' - 0"	1 3/4"	WD	ST	D3	G3	HM	PT	F2	-	H9	J9	-	-	-	-
G201	PAIR	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	G3	HM	PT	F2	-	H8	J8	-	-	-	2
G202	PAIR	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
G204	PAIR	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H9	J9	-	-	-	-
G205	SGL	3' - 0"	7' - 0"	1 3/4"	-	-	D2	-	-	-	F2	-	-	-	-	-	-	-
G206	SGL	3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H9	J9	-	-	-	-
G206B	SGL	3' - 4"	7' - 0"	1 3/4"	HM	PT	D1	-	HM	PT	F2	-	-	-	-	-	-	1

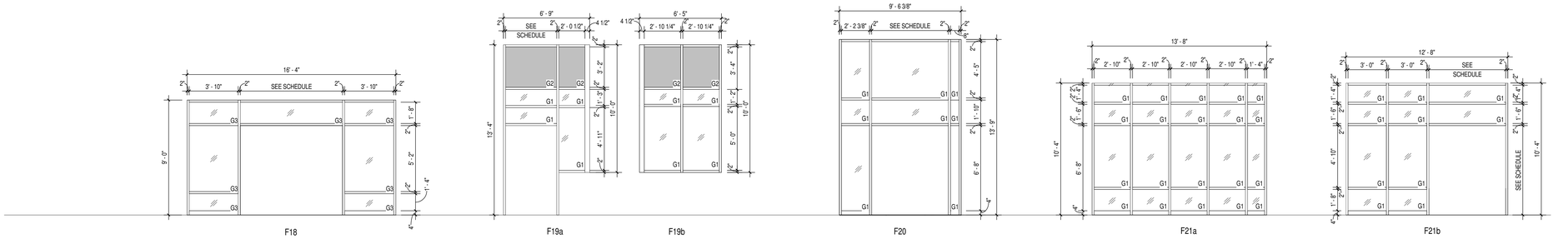












GLASS SCHEDULE

- G1 - 1 - 1/16" THICK LAMINATED, LOW E, INSULATING GLAZING WITH 2 PANES 1/4" GLASS AND 1/2" AIRSPACE.
- G2 - 1 - 1/16" THICK LAMINATED, INSULATING SPANDREL GLAZING WITH 2 PANES 1/4" GLASS AND 1/2" AIRSPACE.
- G3 - 5/16" LAMINATED CLEAR GLASS.
- G4 - 3/8" SECURITY GLAZING.
- G5 - 1/2" LAMINATED LOW IRON GLASS (FOR ART DISPLAY CASES)

ABBREVIATIONS LEGEND

- AL = ALUMINUM
- AN = ANODIZED
- BL = BORROWED LITE
- GHM = GALVANNEALED HOLLOW METAL
- GL = GLASS
- HM = HOLLOW METAL
- MDWL = METAL DOOR WOOD LOOK
- PT = PAINT
- ST = STAIN
- SS = STAINLESS STEEL
- STL = STEEL
- WD = WOOD
- 90M = 90 MINUTE ASSEMBLY RATING
- * = SEE REMARKS COLUMN FOR NOTES

GENERAL DOOR NOTES

A. THESE GENERAL NOTES APPLY TO THE DOOR SCHEDULE.
B. DOOR AND FRAME NUMBERS CORRESPOND TO RESPECTIVE ROOM NUMBER. IN ROOMS WITH MULTIPLE OPENINGS, A NUMERICAL SUFFIX HAS BEEN ADDED TO DOOR NUMBERS.
C. VERTICAL FRAMING MEMBERS AT ALL DOOR FRAMES SHALL EXTEND TO STRUCTURE ABOVE.
D. UNDERCUT ALL DOORS AS REQUIRED BY FINAL FINISH.
E. PROVIDE CONTINUOUS SEALANT BETWEEN HOLLOW METAL FRAME PERIMETERS AND SURROUNDING WALL CONSTRUCTION.
F. PROVIDE CONTINUOUS SEALANT BETWEEN INTERIOR AND EXTERIOR WINDOW, CURTAINWALL AND STOREFRONT FRAME PERIMETERS AND SURROUNDING CONSTRUCTION UNLESS NOTED OTHERWISE.
G. GROUT FULL HOLLOW METAL FRAMES IN MASONRY CONSTRUCTION.
H. SPOT GROUT HOLLOW METAL FRAMES IN GYPSUM WALLS.
I. WHERE A FIRE RATING IS INDICATED ON THE DOOR SCHEDULE, HARDWARE AND DOOR ASSEMBLY COMPONENTS SHALL MEET THE REQUIREMENTS OF THAT LABEL.
J. WHERE AN STC RATING IS INDICATED ON THE DOOR SCHEDULE, HARDWARE AND DOOR ASSEMBLY COMPONENTS SHALL MEET THE REQUIREMENTS OF THAT LABEL.
K. INSTALL DOOR GLASS USING WET GLAZING METHOD.
L. ALL LINTELS ABOVE EXTERIOR OPENINGS SHALL BE GALVANIZED.
M. REFER TO THE ENTIRE A500 SERIES DRAWINGS FOR ADDITIONAL DOOR, FRAME AND BORROWED LITE ELEVATIONS.
N. COORDINATE THROAT OPENINGS WITH WALL WIDTH FOR ALL WRAP AROUND FRAMES.
O. SCHEDULED HARDWARE FOR ALUMINUM DOORS SHALL BE PROVIDED BY HARDWARE SUPPLIER AND INSTALLED BY ALUMINUM SUPPLIER. ALUMINUM DOORS TO BE PREPARED BY ALUMINUM DOOR SUPPLIER IN ACCORDANCE WITH THE SCHEDULED HARDWARE.
P. ALL NEW HOLLOW METAL DOORS, FRAMES AND BORROWED LITE FRAMES TO BE PAINTED AS INDICATED ON THE A800 SERIES FINISH PLANS. SEE FINISH PLANS FOR WOOD DOOR FINISHES.
Q. PROVIDE SILENCERS ON ALL DOOR FRAMES.
R. SEE STRUCTURAL DRAWINGS FOR REQUIREMENTS FOR MASONRY AND STEEL LINTELS. PROVIDE STRUCTURAL STEEL LINTELS AT OPENINGS OPENINGS WHERE INDICATED ON THE STRUCTURAL STEEL DRAWINGS IN LIEU OF MASONRY LINTEL AS SHOWN IN THESE DETAILS.
S. VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD PRIOR TO FABRICATION OF DOORS AND FRAMES. BRING DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT.

DOOR REMARKS

1. FOUR SIDED DOOR FRAME FOR ROOF ACCESS.
2. PROVIDE WALL PADDING ON DOOR SURFACE
3.

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The contract documents are complementary and describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

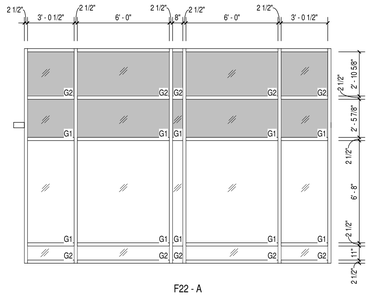
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

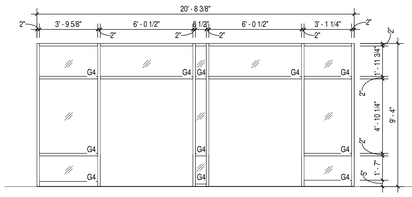
DRAWING TITLE:
DOOR SCHEDULE AND FRAME ELEVATIONS

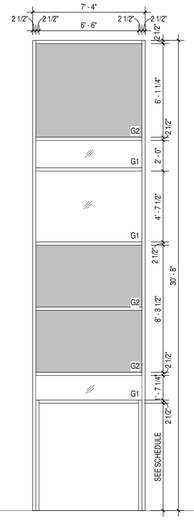
CERTIFIED BY:
BRENTON C. HIGH REGISTERED No. AR11700184 STATE OF INDIANA ARCHITECT

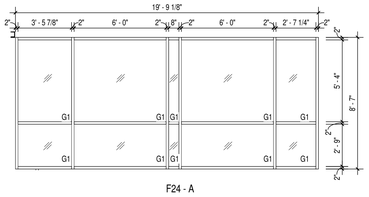
DRAWING NUMBER
A503

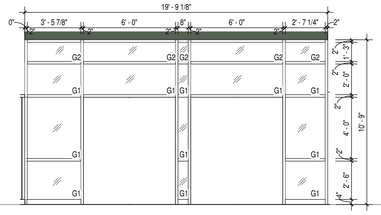
PROJECT NUMBER
2023061

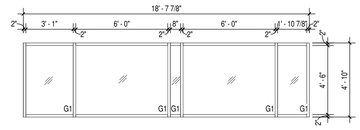


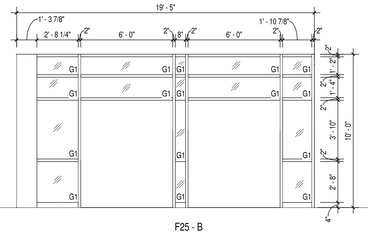


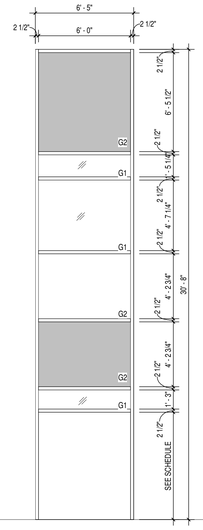


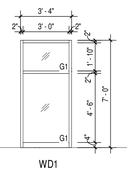


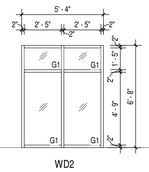


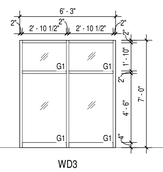


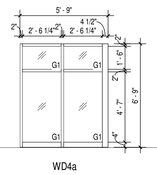


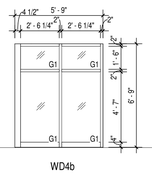


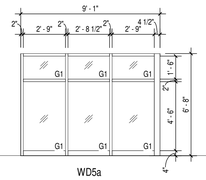


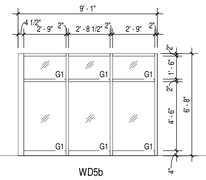


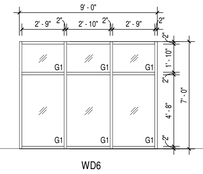


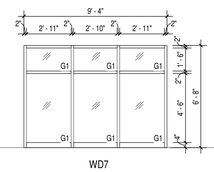


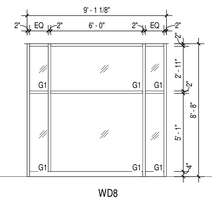


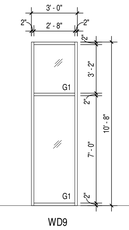


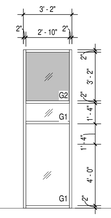


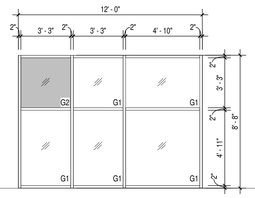


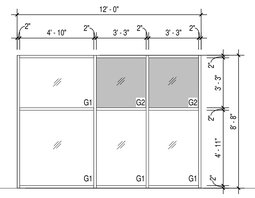


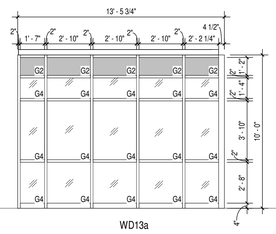


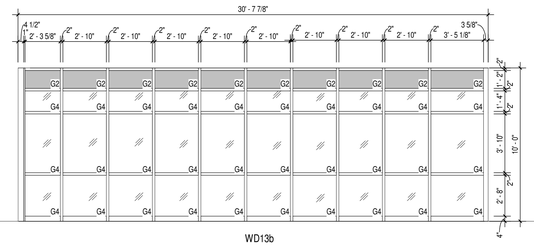


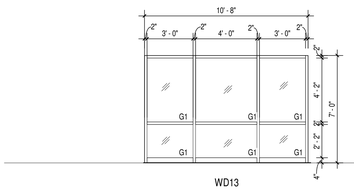


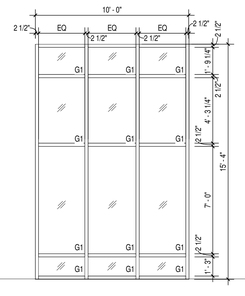


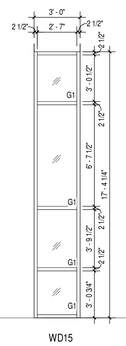


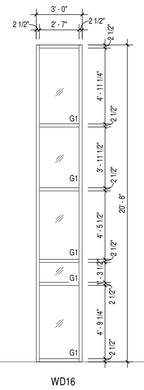


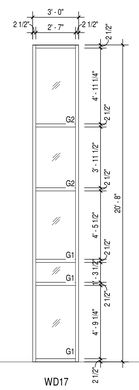


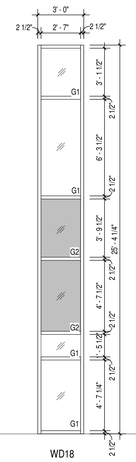


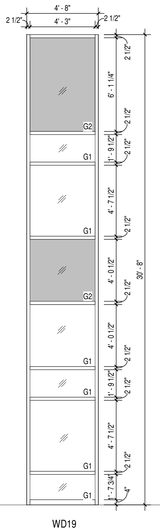












GLASS SCHEDULE

G1 - 1 - 1/16" THICK LAMINATED, LOW E, INSULATING GLAZING WITH 2 PANES 1/4" GLASS AND 1/2" AIRSPACE.
G2 - 1 - 1/16" THICK LAMINATED, INSULATING SPANDREL GLAZING WITH 2 PANES 1/4" GLASS AND 1/2" AIRSPACE.
G3 - 1/4" LAMINATED CLEAR GLASS.
G4 - 3/8" SECURITY GLAZING.

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the general requirements of the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for the performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

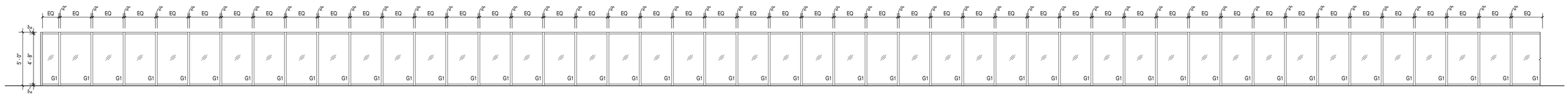
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

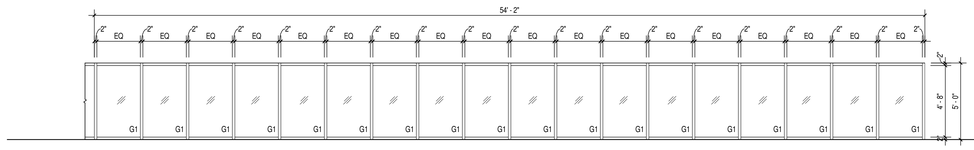
DRAWING TITLE:
DOOR FRAME AND WINDOW ELEVATIONS

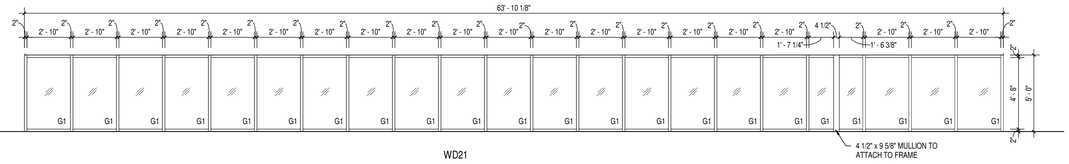
CERTIFIED BY:
BRENTON C. HALL
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

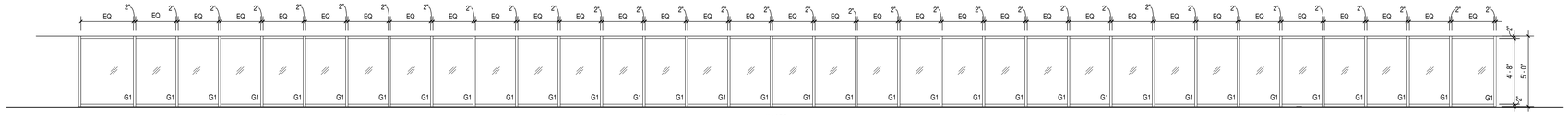
DRAWING NUMBER
A504

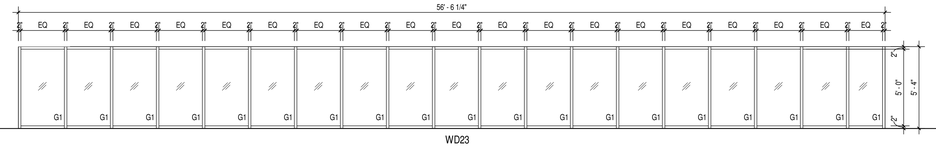
PROJECT NUMBER
2023061

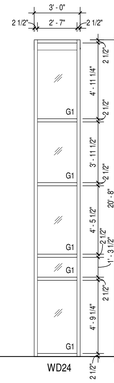


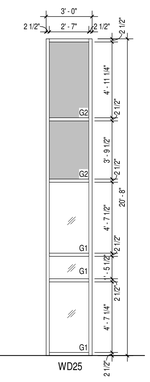


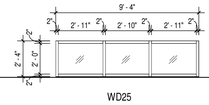


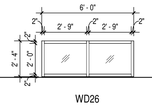


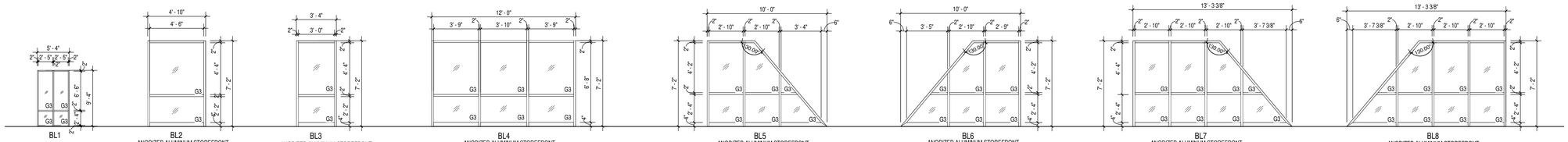


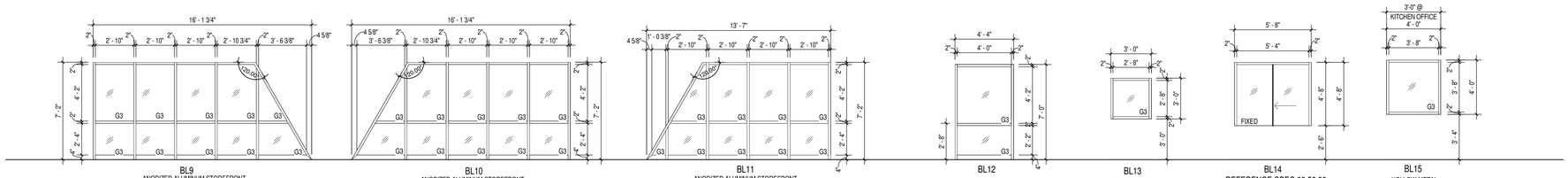


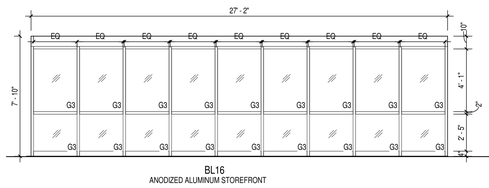


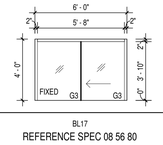


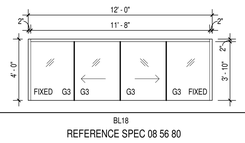












GLASS SCHEDULE

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project. They indicate the extent of demolition, the general layout of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Project.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

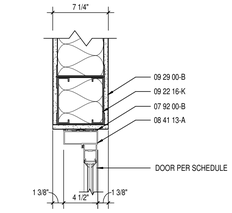
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
DOOR FRAME AND WINDOW ELEVATIONS

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A505

PROJECT NUMBER
2023061



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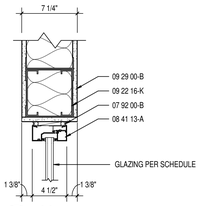

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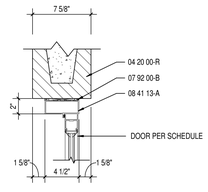

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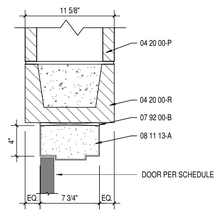

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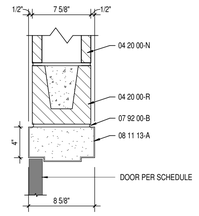

4 A506 H8
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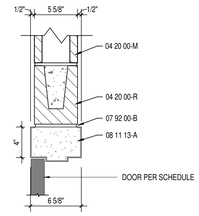

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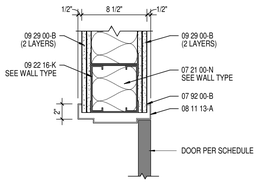

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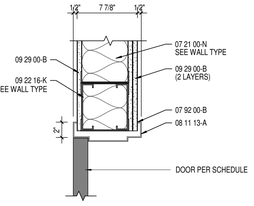

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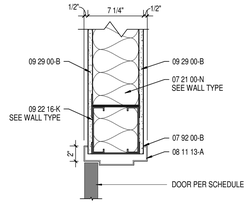

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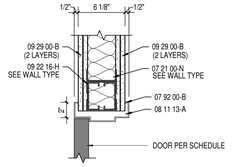

10 A506 H3
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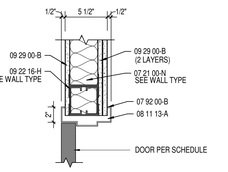

9 A506 H2
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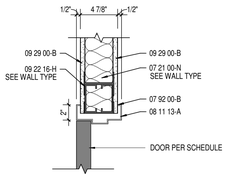

24 A506 H1
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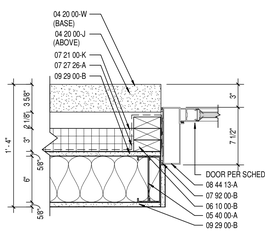

8 A506 J18
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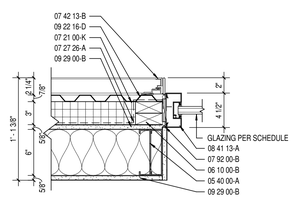

31 A506 J17
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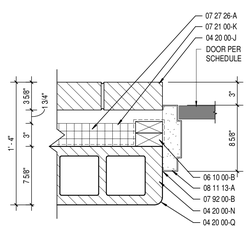

18 A506 J16
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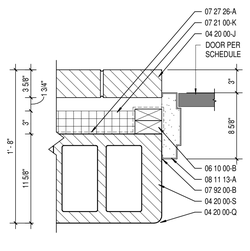

7 A506 J15
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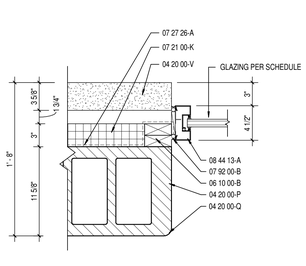

19 A506 J14
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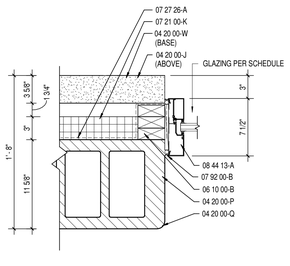

17 A506 J13
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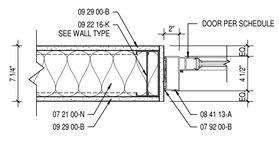

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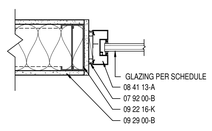

21 A506 J11
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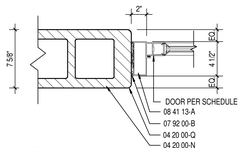

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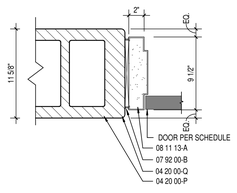

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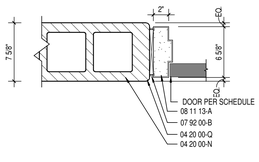

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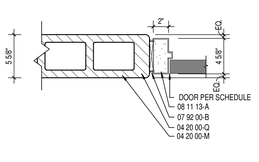

11 A506 J7
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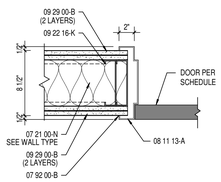

30 A506 J6
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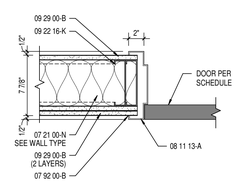

28 A506 J5
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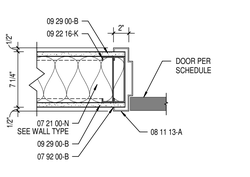

1 A506 J4
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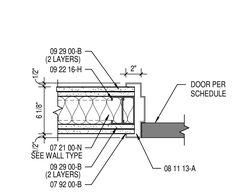

26 A506 J3
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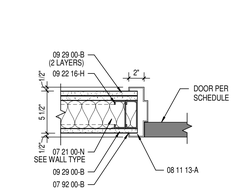

25 A506 J2
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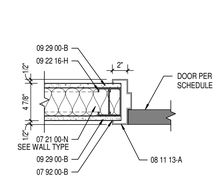

23 A506 J1
SCALE: 1 1/2" = 1'-0"

KEYNOTE LEGEND

03 30 00-A	WATERSTOP
03 30 00-B	CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL
03 30 00-C	CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL
03 30 00-D	CONCRETE FOUNDATION- SEE STRUCTURAL
03 30 00-E	CONCRETE FOOTING- SEE STRUCTURAL
03 30 00-F	1/2" EXPANSION MATERIAL
04 20 00-A	GROUT CORE SOLID
04 20 00-B	MASONRY TIE
04 20 00-C	CELL WEEP VENTS @ 16" O.C.
04 20 00-D	ADJUSTIBLE MASONRY VENEER ANCHOR AT 16" O.C. VERTICALLY
04 20 00-F	METAL FLASHING
04 20 00-G	THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE
04 20 00-H	CAVITY DRAINAGE MATERIAL
04 20 00-J	BRICK TYPE 1 (WIRE CUT)
04 20 00-K	BRICK TYPE 2 (SMOOTH FACE)
04 20 00-K.1	BRICK TYPE 2 (SOLDIER COURSE) - SEE SIZE ON DRAWING 10/A430
04 20 00-L	4" CONCRETE MASONRY UNIT
04 20 00-M	6" CONCRETE MASONRY UNIT
04 20 00-N	8" CONCRETE MASONRY UNIT
04 20 00-O	10" CONCRETE MASONRY UNIT
04 20 00-P	12" CONCRETE MASONRY UNIT
04 20 00-Q	BULLNOSE UNIT
04 20 00-R	BOND BEAM MASONRY UNIT
04 20 00-S	DECORATIVE CMU (GROUND FACE)
04 20 00-T	ACOUSTICAL BLOCK
04 20 00-U	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, SMOOTH)
04 20 00-V	CALCIUM SILICATE MASONRY UNIT (LARGE FORMAT, SMOOTH)
04 20 00-W	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, ROUGH)
04 20 00-X	4" GROUND FACE CONCRETE MASONRY UNIT
04 72 00-A	CAST STONE SILL - SEE SIZE ON DRAWING 10/A430
04 72 00-B	CAST STONE
05 12 00-A	STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL
05 12 00-B	STEEL ANGLE- SEE STRUCTURAL
05 12 00-C	STEEL BENT PLATE- SEE STRUCTURAL
05 12 00-D	STEEL BEAM- SEE STRUCTURAL
05 12 00-E	STEEL COLUMN - SEE STRUCTURAL
05 12 00-F	STEEL PLATE - SEE STRUCTURAL
05 21 00-A	STEEL JOIST- SEE STRUCTURAL
05 31 00-A	METAL ROOF DECKING- SEE STRUCTURAL
05 31 00-B	METAL FLOOR DECKING- SEE STRUCTURAL
05 40 00-A	6" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-B	2 1/2" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-C	3 5/8" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-D	6"x6".10 GA. COLD FORMED STEEL ANGLE, CUT TO FIT. ATTACH JAMB TO HEAD
05 40 00-F	CLIP ANGLE
05 40 00-J	3" 16GA. GALVANIZED Z-BAR SUB GIRTS
05 40 00-L	7/8" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 40 00-M	1 1/2" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 50 00-A	MISCELLANEOUS STEEL - SEE STRUCTURAL
05 50 00-B	GALVANIZED STEEL BRICK LINTEL
05 50 00-E	PRE-MANUFACTURED ALUMINUM ACCESS LADDER
05 50 00-F	ELEVATOR HOIST BEAM- COORDINATE WITH ELEVATOR MANUFACTURER
05 51 00-A	MANUFACTURED STEEL FRAMED STAIR
05 51 00-B	CONCRETE FILLED METAL PAN TREAD AND RISER
05 51 00-C	STAIR METAL STRINGER- CHANNEL
05 51 00-D	STAIR METAL STRINGER - TUBE
05 52 13-E	1-1/4" I.D. PAINTED STEEL PIPE RAILING
05 52 13-F	1-1/4" I.D. PAINTED STEEL PIPE HANDRAIL
05 52 13-G	1-1/4" I.D. PAINTED GALVANIZED STEEL PIPE RAILING
05 52 13-U	1-1/2" O.D. GALVANIZED STEEL PIPE GUARDRAIL
05 73 00-A	DECORATIVE METAL RAILING
05 73 00-B	1-1/4" I.D. COLOR ANODIZED ALUMINUM HANDRAIL
05 73 00-C	SHIM AS REQUIRED
06 10 00-B	2X WOOD BLOCKING
06 16 00-A	3/4" EXTERIOR GRADE PLYWOOD
06 16 00-B	5/8" EXTERIOR GRADE PLYWOOD
06 16 00-C	TWO LAYERS OF 3/4" EXTERIOR GRADE PLYWOOD
06 16 00-D	1/2" EXTERIOR GRADE PLYWOOD
06 16 00-E	5/8" EXTERIOR GYPSUM SHEATHING
06 40 00-A	1 1/2" WOOD TRIM
06 40 00-B	SOILD SURFACE WINDOW STOOL
06 40 00-G	1X HARDWOOD TRIM, STAINED
07 13 26-A	SELF-ADHERING SHEET WATERPROOFING
07 13 26-B	RIGID INSULATION
07 13 26-C	MOLDED SHEET DRAINAGE PANEL
07 21 00-A	SLAB PERIMETER RIGID INSULATION (R-15 FOR 24")
07 21 00-J	PACK FULL WITH MINERAL WOOL INSULATION
07 21 00-K	3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8)
07 21 00-L	3" THERMALLY ISOLATED COMPOSITE Z-GIRT INSULATION SYSTEM
07 21 00-N	MINERAL WOOL BATT INSULATION
07 27 26-A	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE
07 27 26-B	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE, EXTEND AROUND BLOCK TO UNDER WINDOW / PARAPET
07 31 13-A	ASPHALT SHINGLE ROOF
07 42 13-A	PRE-FINISHED METAL WALL PANEL
07 42 13-B	METAL WALL PANEL
07 42 13-C	METAL WALL PANEL - SOFFIT
07 42 13-E	FLASHING WITH DRIP EDGE
07 42 13-F	EXTRUDED TRIM BY MFR
07 42 13-G	THROUGH WALL FLASHING WITH PERFORMED METAL DRIP EDGE
07 54 19-A	POLYVINYL-CHLORIDE (PVC) MEMBRANE ROOFING SYSTEM
07 54 19-B	1/2" COVER BOARD
07 54 19-C	TAPERED POLYISO INSULATION BOARD
07 54 19-D	2 LAYERS OF 2" POLYISO INSULATION BOARD (TOTAL R-VALUE = 22.8)
07 54 19-E	MEMBRANE ROOFING-EXTEND OVER & ATTACH TO FRONT FACE OF PARAPET
07 54 19-F	1 1/2" POLYISO INSULATION BOARD
07 54 19-G	TERMINATION BAR, SET IN WATER CUT OFF MASTIC.
07 62 00-C	FASCIA CLADDING
07 62 00-J	DRIP EDGE
07 62 00-M	PRE-FINISHED METAL GUTTER
07 62 00-N	PREFINISHED METAL DOWNSPOUT
07 71 00-A	MANUFACTURED COPING
07 71 00-B	MANUFACTURED GRAVEL STOP
07 71 00-C	MANUFACTURED FASCIA CLADDING
07 71 00-D	MANUFACTURED COUNTERFLASHING SYSTEM
07 71 00-E	MANUFACTURED GUTTER
07 71 00-F	MANUFACTURED DOWNSPOUT
07 71 00-H	MANUFACTURED DRIP EDGE
07 71 29-A	MANUFACTURED ROOF EXPANSION JOINT ASSEMBLY
07 71 29-B	MANUFACTURED ROOF TO WALL EXPANSION JOINT ASSEMBLY
07 84 13-A	PENETRATION FIRESTOPPING
07 92 00-A	SEALANT
07 92 00-B	SEALANT EACH SIDE, TYPICAL
07 95 13.13-A	INTERIOR EXPANSION JOINT COVER ASSEMBLY
07 95 13.16-A	EXTERIOR EXPANSION JOINT COVER ASSEMBLY
08 11 13-A	HOLLOW METAL DOOR/BORROWED LIGHT FRAME
08 11 13-B	HOLLOW METAL DOOR
08 14 16-A	FLUSH WOOD DOOR
08 33 13-A	OVERHEAD COILING COUNTER DOOR
08 33 13-B	OVERHEAD COILING COUNTER GRILLE
08 33 13-C	INSULATED COILING COUNTER DOOR
08 33 13-E	GUIDE
08 33 23-A	OVERHEAD COILING DOOR
08 33 23-J	BREAK METAL TO MATCH DOOR GUIDE FINISH
08 33 23-K	OVERHEAD COILING DOOR WITH INTEGRATED PASS DOOR
08 41 13-A	4 1/2" ALUMINUM-FRAMED STOREFRONT
08 41 13-B	WIDE STYLE ALUMINUM ENTRANCE DOOR
08 41 13-C	ALUMINUM BRAKE METAL TO MATCH STOREFRONT FRAME
08 44 13-A	7 1/2" DEEP ALUMINUM CURTAINWALL SYSTEM
08 44 13-C	CURTAINWALL ATTACHMENT MEMBER, ALLOW FOR THERMAL MOVEMENT
08 44 13-D	ALUMINUM BREAKMETAL TO MATCH CURTAINWALL FRAME
08 44 13-F	10" DEEP ALUMINUM CURTAINWALL SYSTEM
08 80 00-A	GLAZING - SEE SCHEDULE/ELEVATIONS
08 80 00-B	SPANDREL PANEL - SEE SCHEDULE/ELEVATIONS
08 91 19-A	FIXED LOUVER
09 22 16-D	7/8" FURRING CHANNEL
09 22 16-G	2 1/2" STEEL STUD
09 22 16-H	3 5/8" STEEL STUD
09 22 16-K	6" STEEL STUD
09 29 00-B	5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE)
09 29 00-D	SOUND ATTENUATION INSULATION
09 29 00-E	SUSPENDED GYPSUM BOARD CEILING ASSEMBLY
09 51 13-A	ACOUSTICAL CEILING SUSPENSION ASSEMBLY
09 51 13-C	SUSPENDED CEILING METAL EDGE TRIM
09 82 00-A	SOUND DIFFUSIVE WOOD UNITS
10 14 23-A	PANEL SIGNAGE
10 82 00-A	ROOF AND WALL SCREENS
12 24 13	
12 24 13-A	ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE
14 24 00-D	PIT LADDER
31 20 00-C	DRAINING GRANULAR FILL
32 13 16-A	SIDEWALK- SEE LANDSCAPE SHEETS
32 31 13-A	CHAIN-LINK FENCE- SEE LANDSCAPE SHEETS
32 31 19-A	ORNAMENTAL FENCE- SEE LANDSCAPE SHEETS

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for the performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

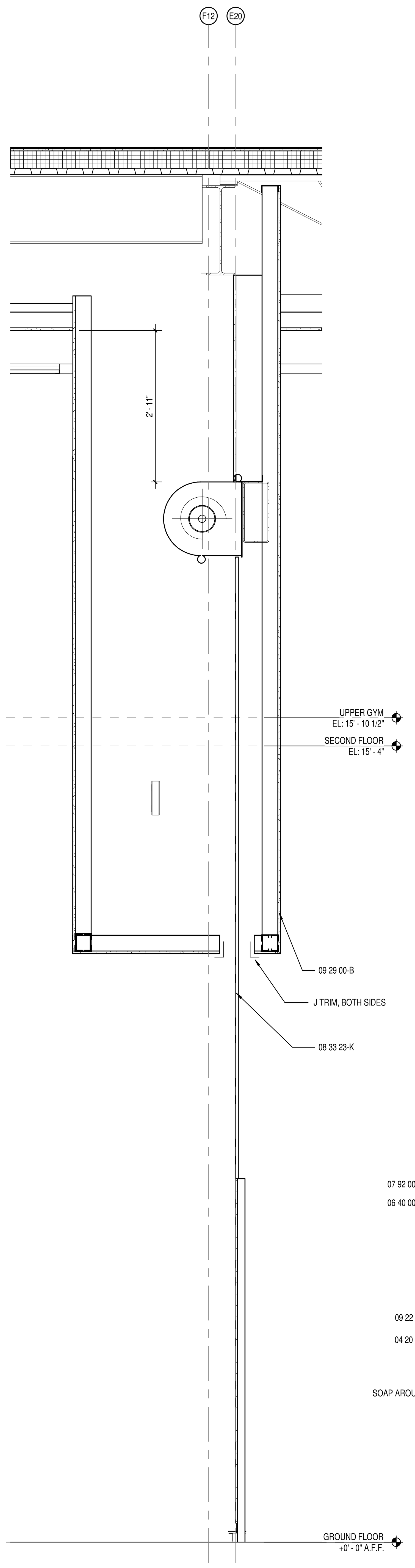
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
HEAD, JAMB, AND SILL DETAILS

CERTIFIED BY:
BRENTON C. HIBBS
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A506

PROJECT NUMBER
2023061



8 A507 OVERHEAD SECURITY GATE SECTION
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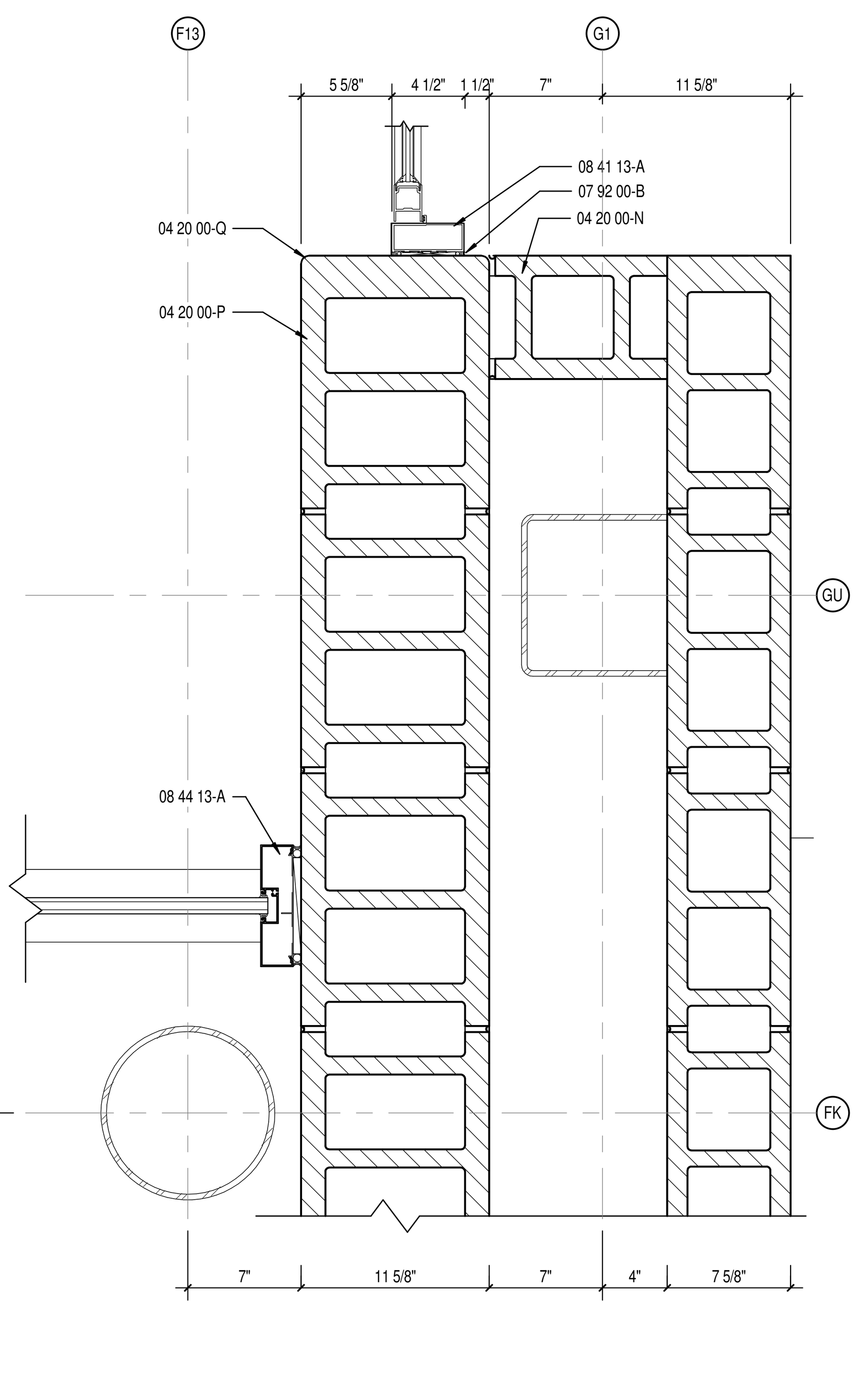

J21 A507 J21
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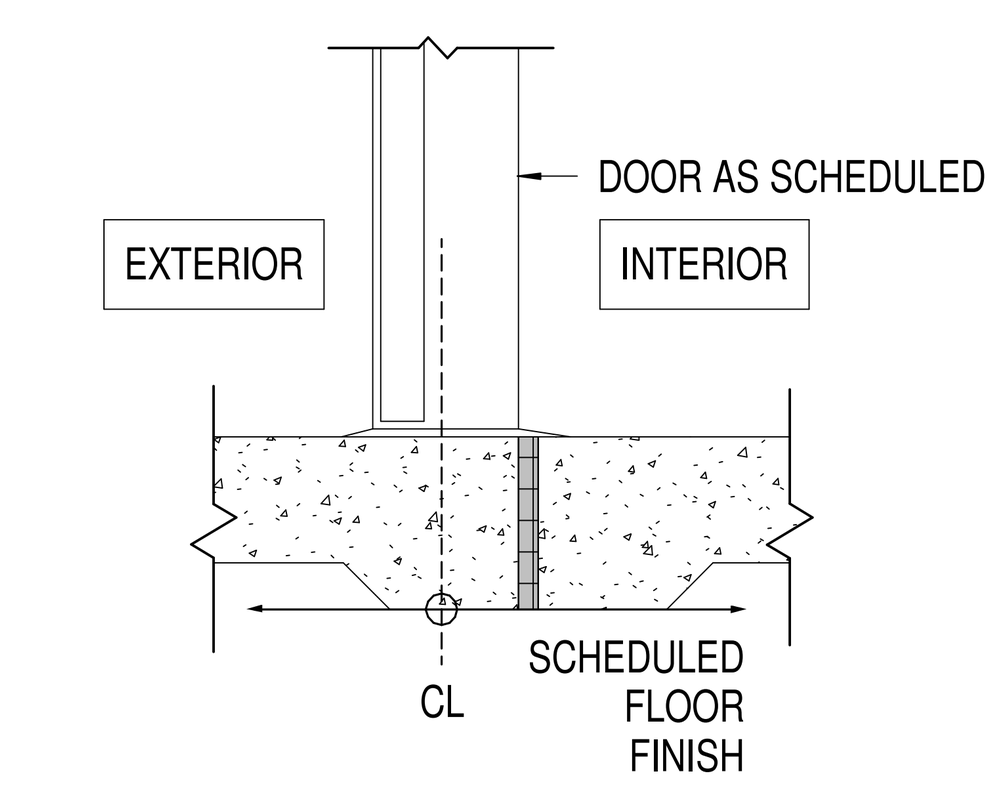

12 A507 S3
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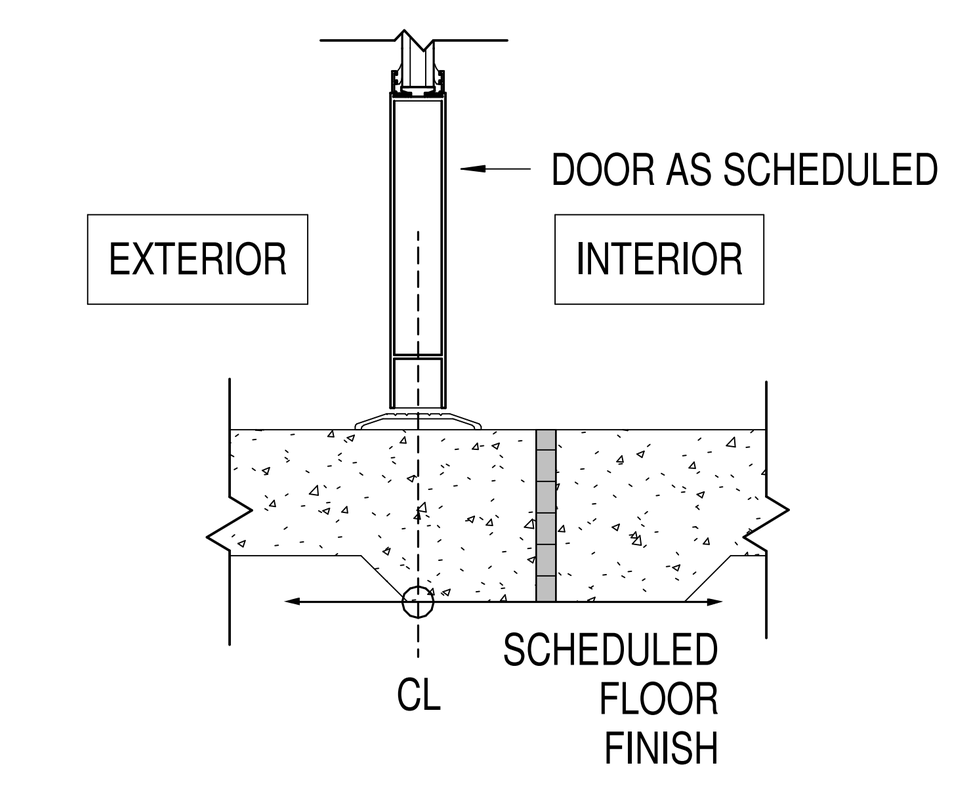

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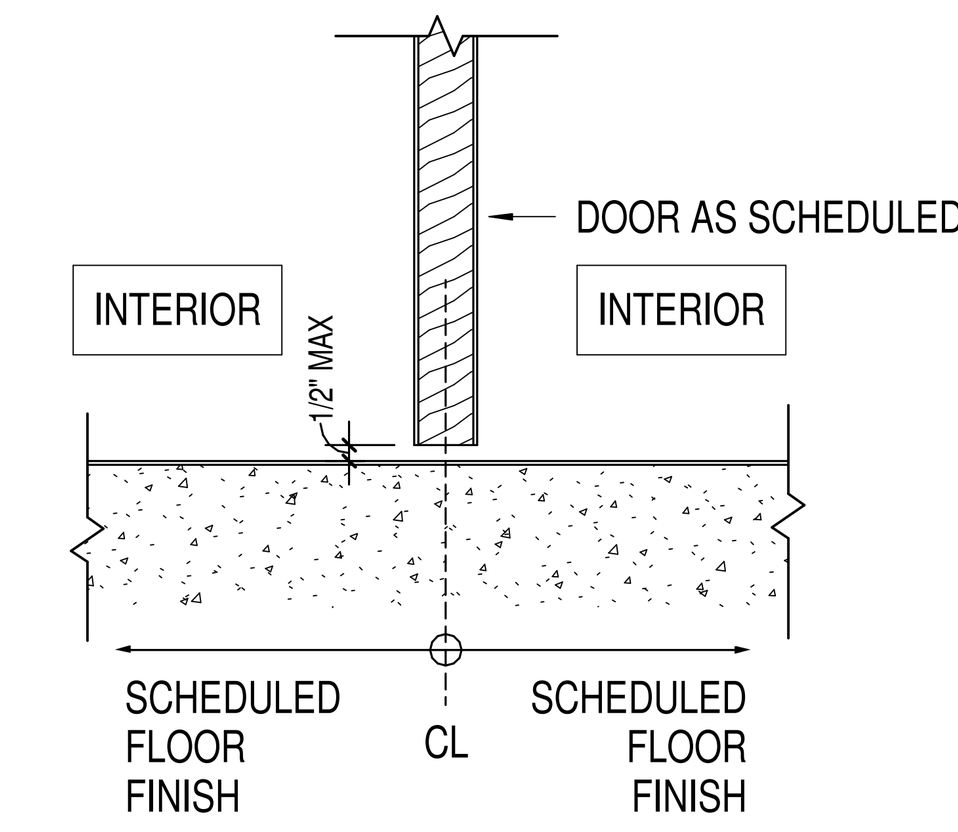

1 A507 S1
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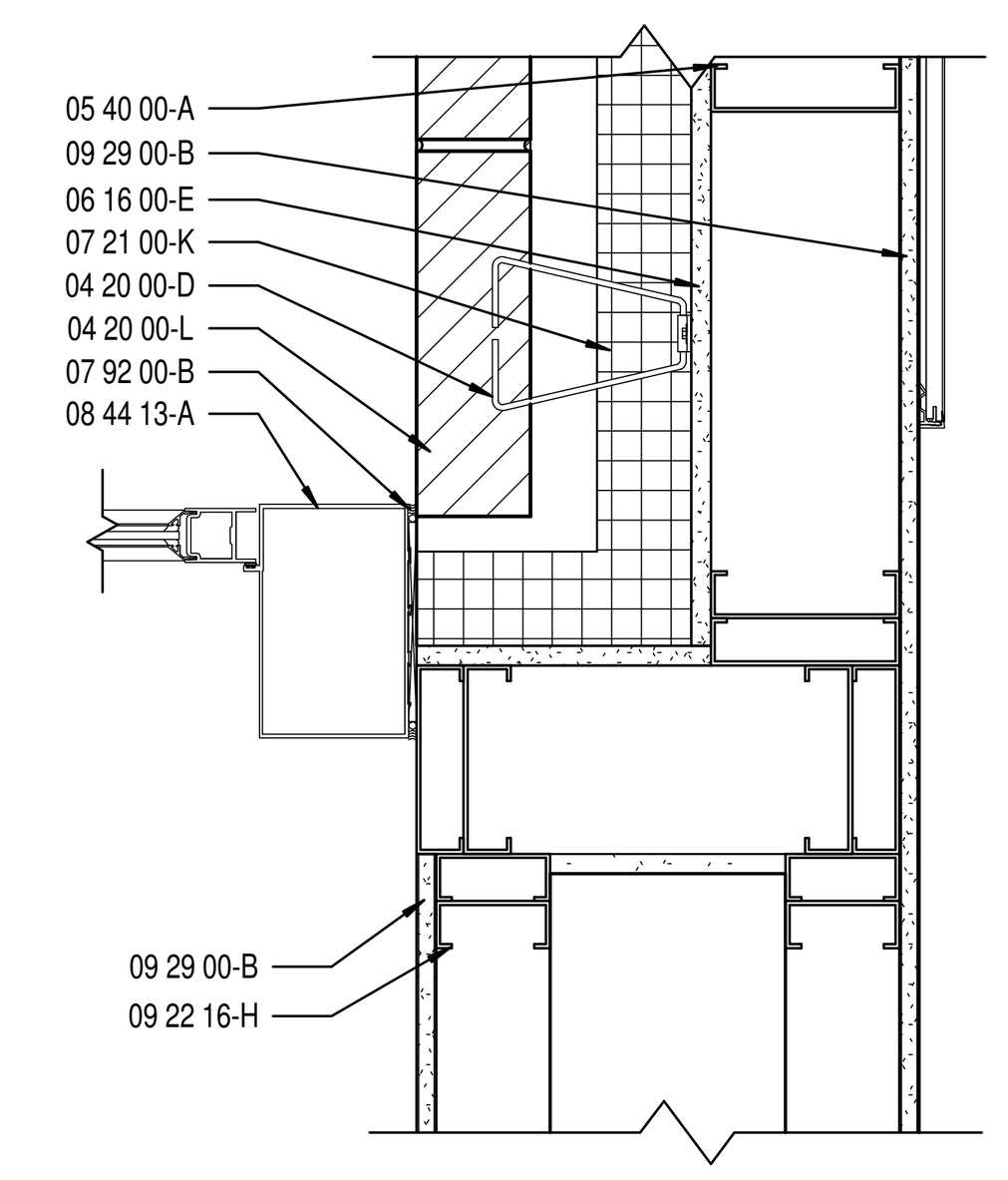

J20 A507 J20
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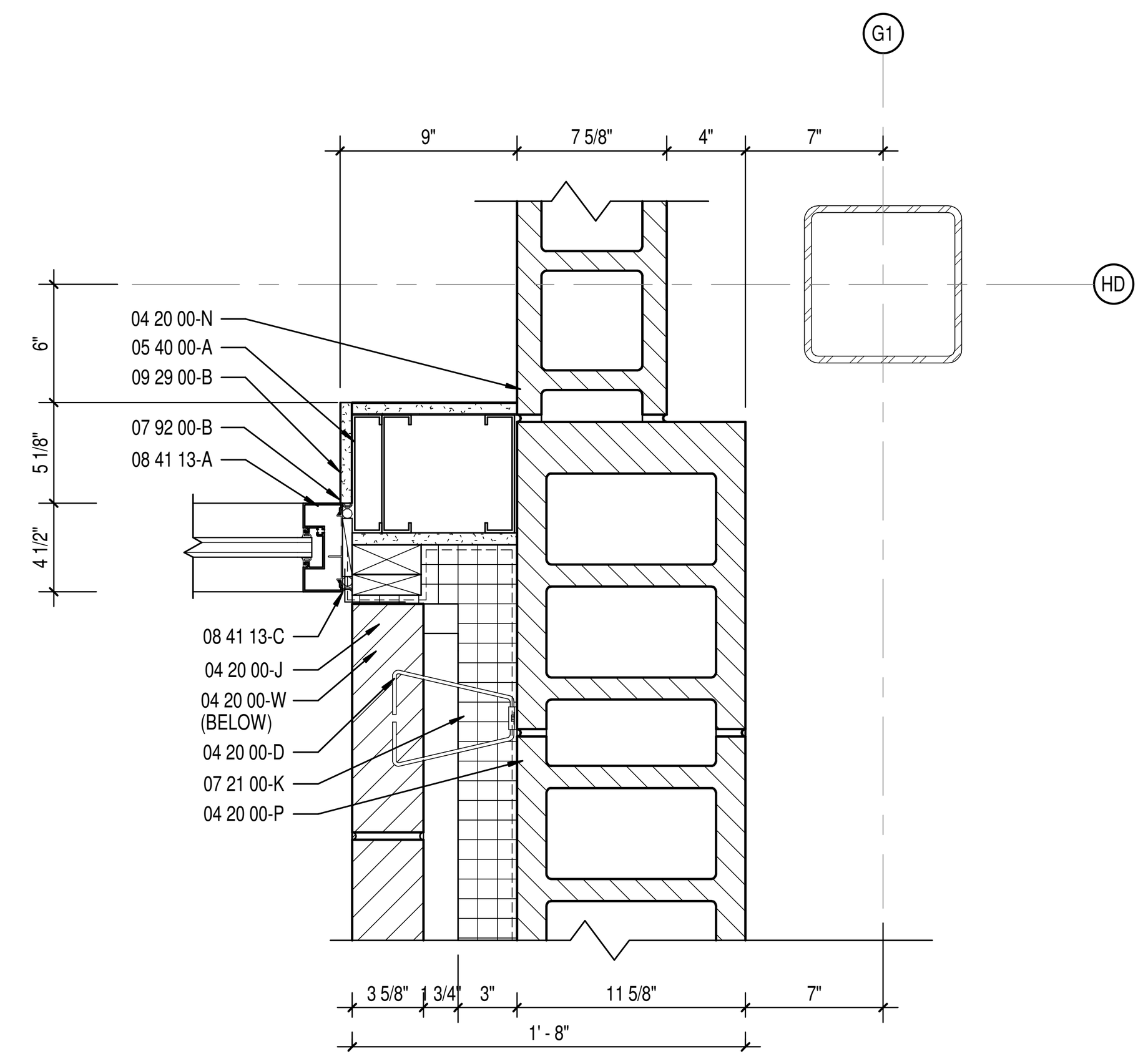

J19 A507 J19
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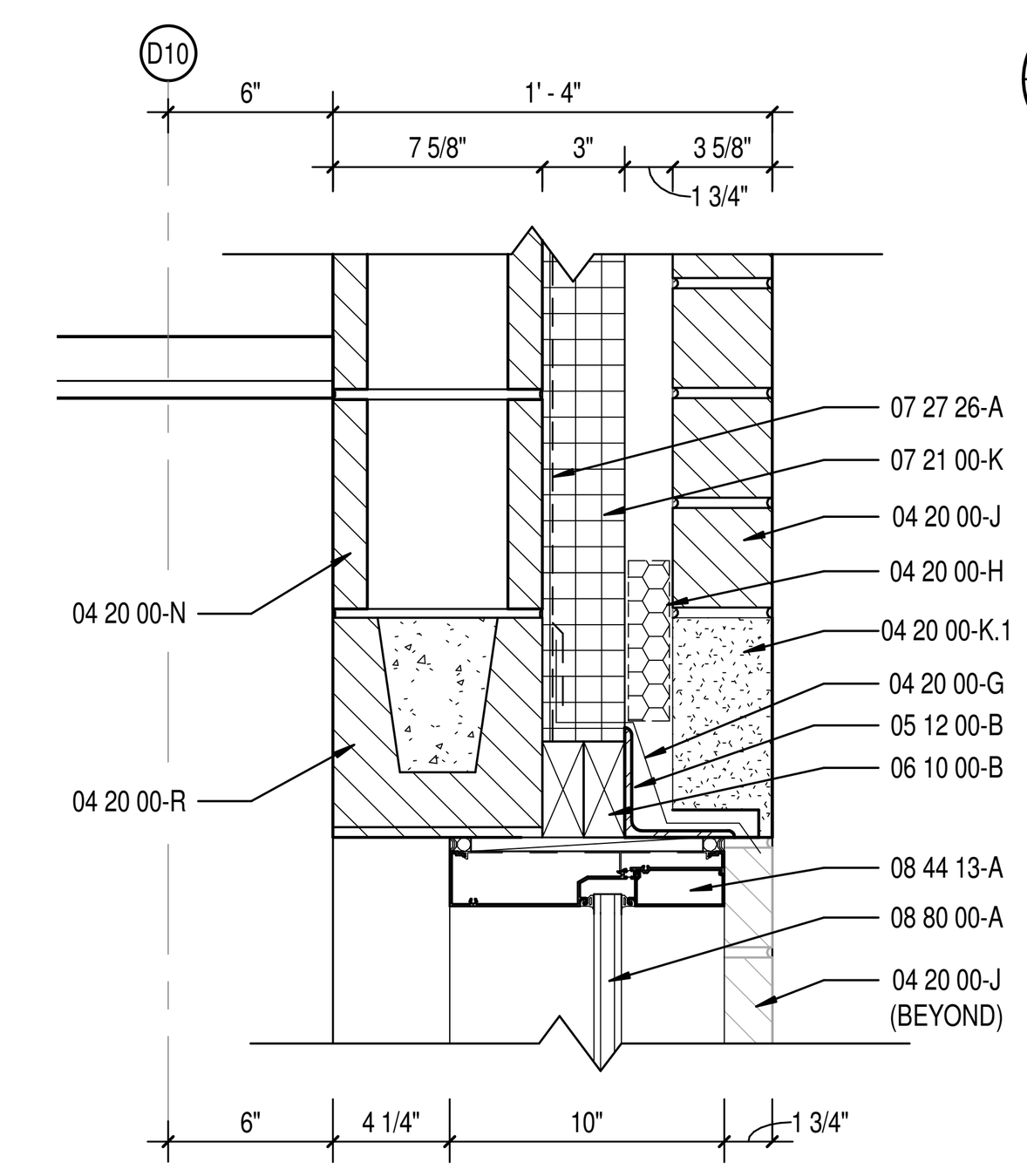

14 A507 STAIR ST106 HEAD DETAIL
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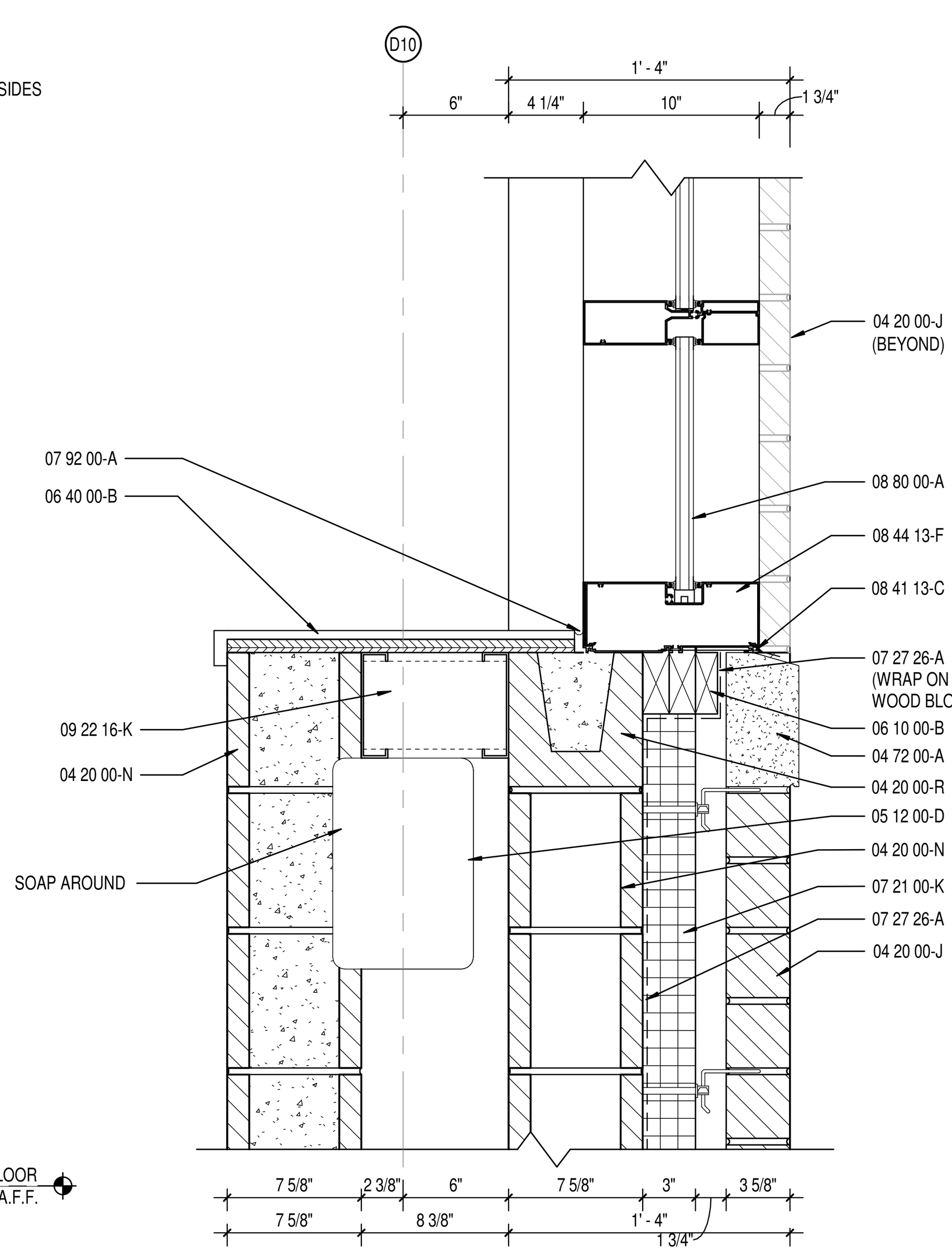

13 A507 STAIR ST106 SILL DETAIL
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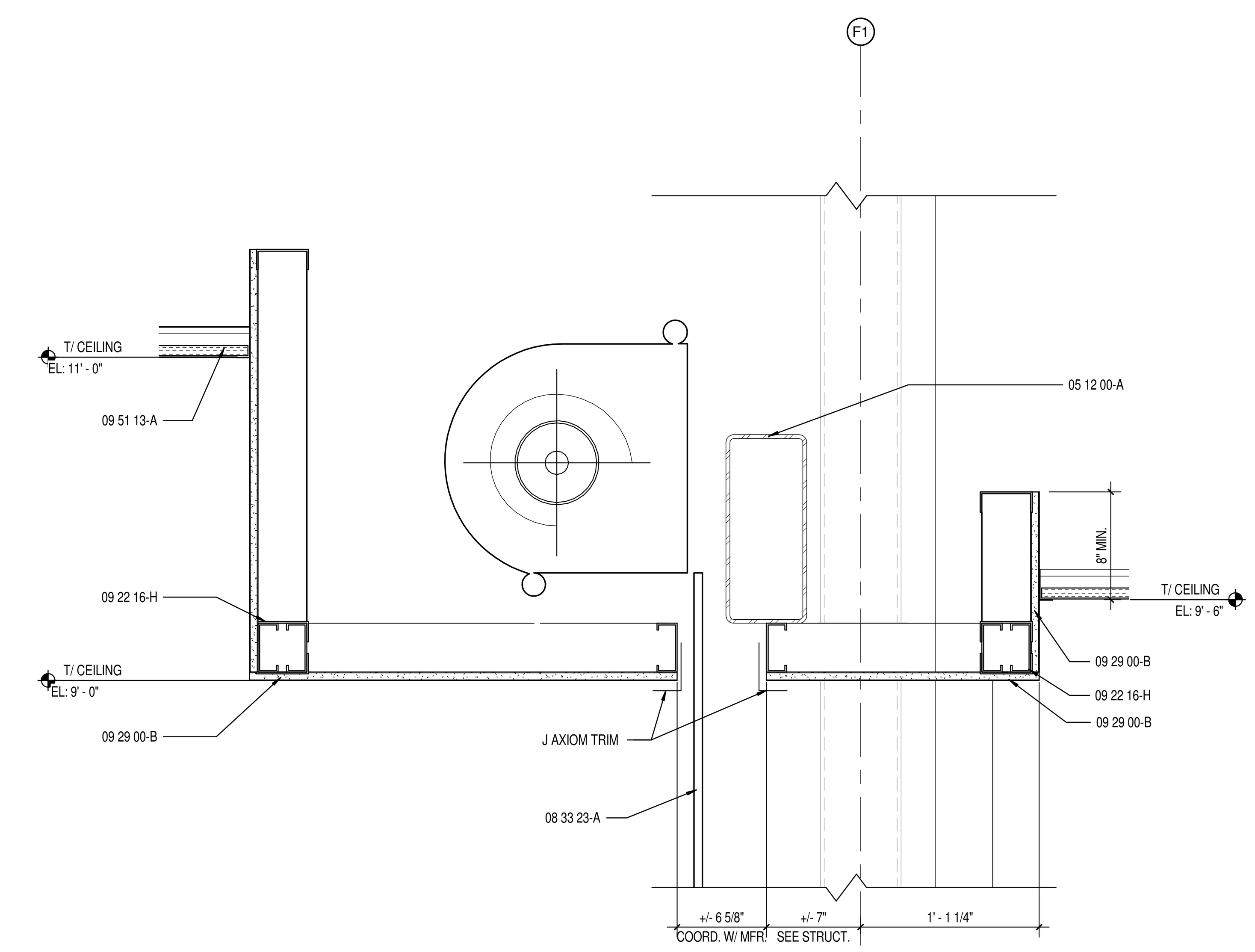
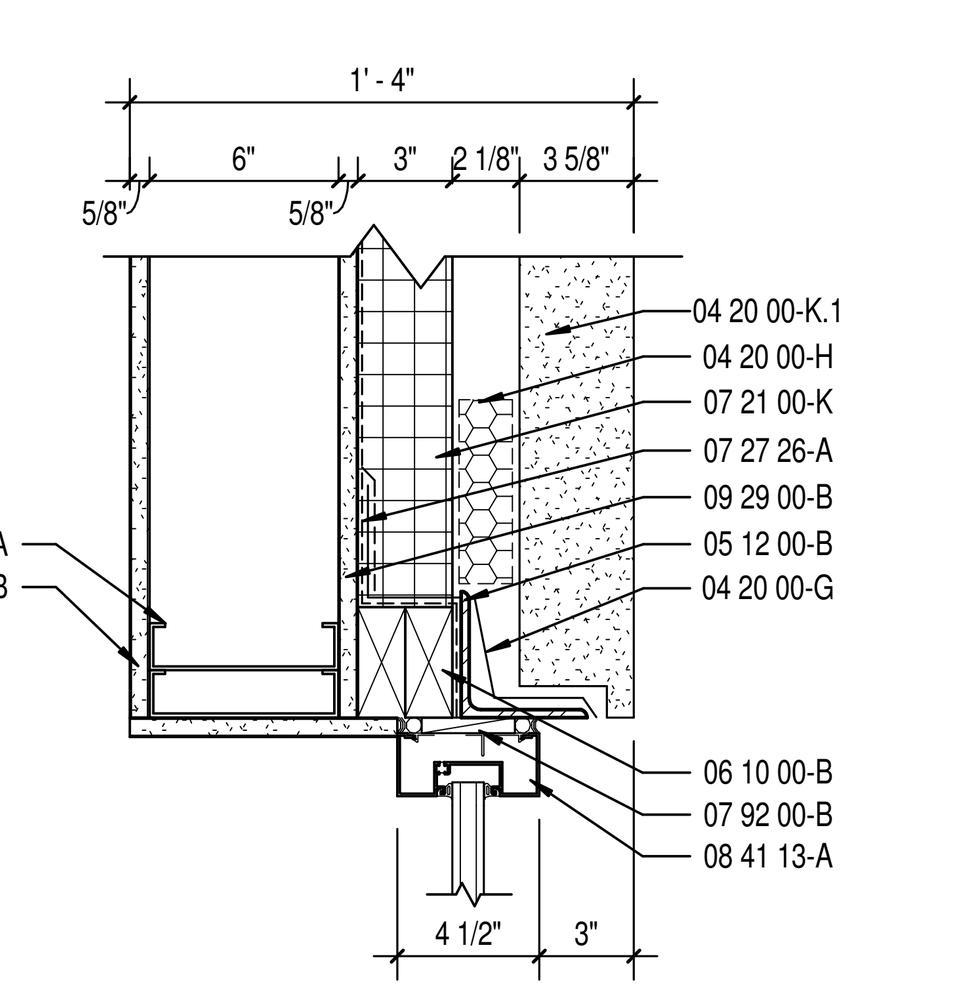
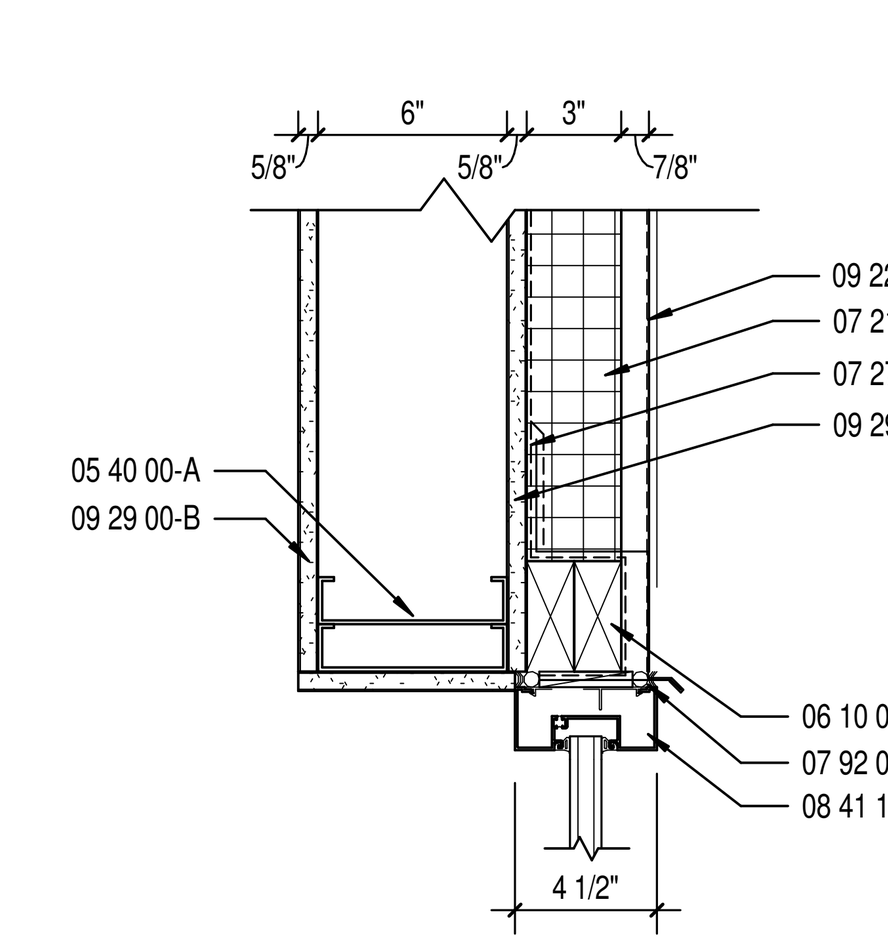


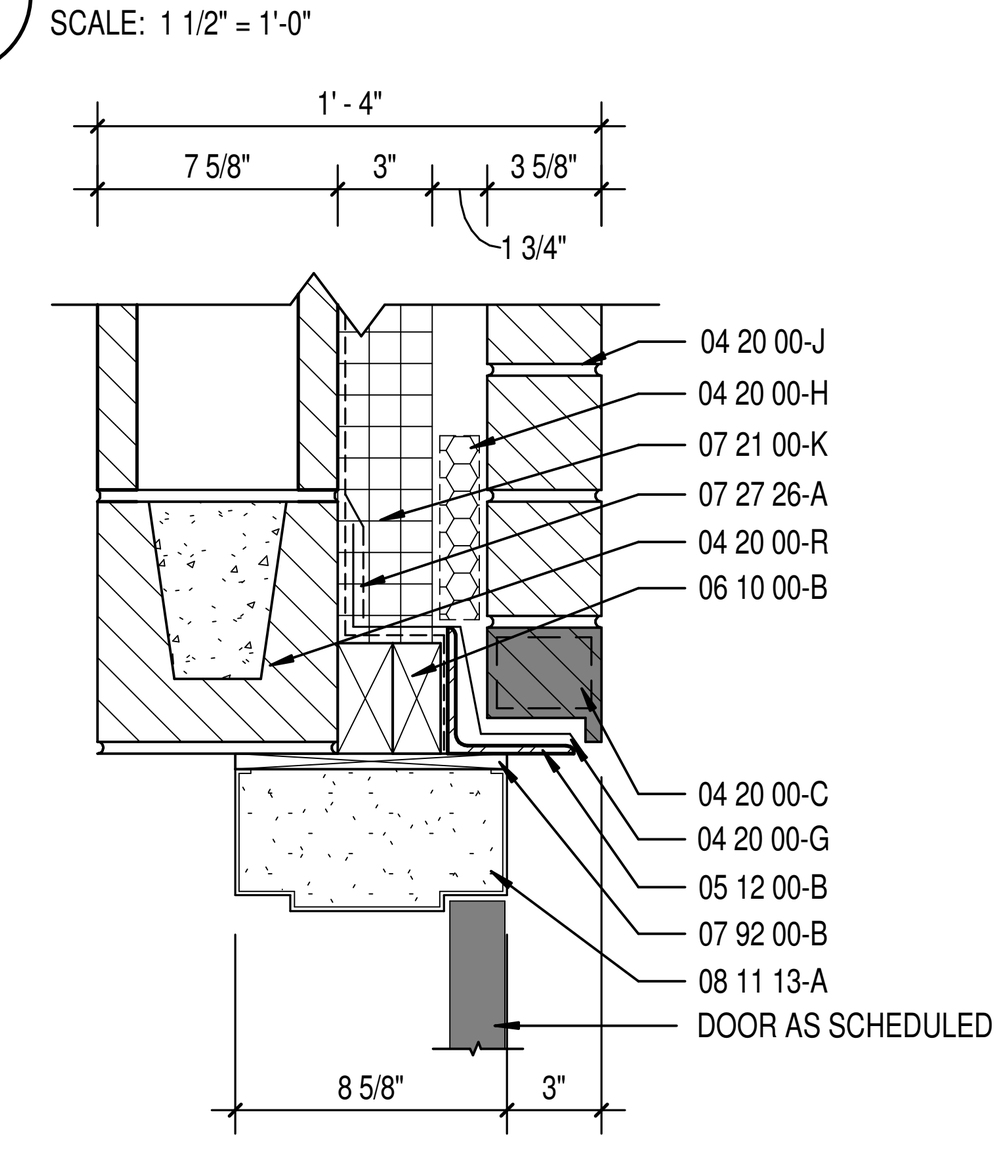
7 A507 OVERHEAD COILING DOOR HEAD
SCALE: 1 1/2" = 1'-0"



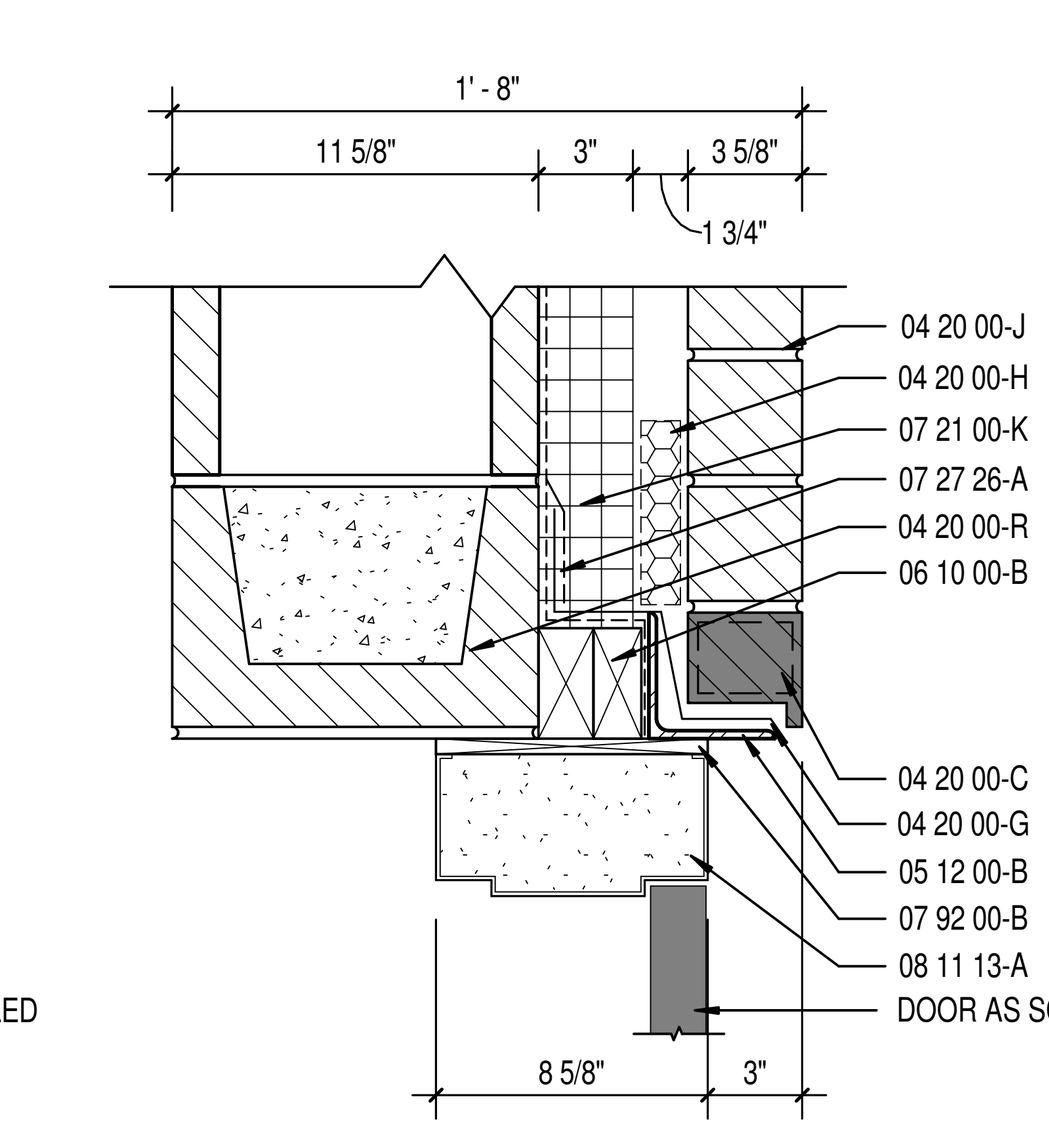
6 A507 H18
SCALE: 1 1/2" = 1'-0"



3 A507 H17
SCALE: 1 1/2" = 1'-0"



5 A507 H16
SCALE: 1 1/2" = 1'-0"



4 A507 H15
SCALE: 1 1/2" = 1'-0"

KEYNOTE LEGEND

03 30 00-A	WATERSTOP
03 30 00-B	CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL
03 30 00-C	CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL
03 30 00-D	CONCRETE FOUNDATION- SEE STRUCTURAL
03 30 00-E	CONCRETE FOOTING- SEE STRUCTURAL
03 30 00-F	1/2" EXPANSION MATERIAL
04 20 00-A	GROUT CORE SOLID
04 20 00-B	MASONRY TIE
04 20 00-C	CELL WEEP VENTS @ 16" O.C.
04 20 00-D	ADJUSTIBLE MASONRY VENEER ANCHOR AT 16" O.C. VERTICALLY
04 20 00-F	METAL FLASHING
04 20 00-G	THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE
04 20 00-H	CAVITY DRAINAGE MATERIAL
04 20 00-J	BRICK TYPE 1 (WIRE CUT)
04 20 00-K	BRICK TYPE 2 (SMOOTH FACE)
04 20 00-K.1	BRICK TYPE 2 (SOLDIER COURSE) - SEE SIZE ON DRAWING 10/A430
04 20 00-L	4" CONCRETE MASONRY UNIT
04 20 00-M	6" CONCRETE MASONRY UNIT
04 20 00-N	8" CONCRETE MASONRY UNIT
04 20 00-O	10" CONCRETE MASONRY UNIT
04 20 00-P	12" CONCRETE MASONRY UNIT
04 20 00-Q	BULLNOSE UNIT
04 20 00-R	BOND BEAM MASONRY UNIT
04 20 00-S	DECORATIVE CMU (GROUND FACE)
04 20 00-T	ACOUSTICAL BLOCK
04 20 00-U	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, SMOOTH)
04 20 00-V	CALCIUM SILICATE MASONRY UNIT (LARGE FORMAT, SMOOTH)
04 20 00-W	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, ROUGH)
04 20 00-X	4" GROUND FACE CONCRETE MASONRY UNIT
04 72 00-A	CAST STONE SILL - SEE SIZE ON DRAWING 10/A430
04 72 00-B	CAST STONE
05 12 00-A	STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL
05 12 00-B	STEEL ANGLE- SEE STRUCTURAL
05 12 00-C	STEEL BENT PLATE- SEE STRUCTURAL
05 12 00-D	STEEL BEAM- SEE STRUCTURAL
05 12 00-E	STEEL COLUMN - SEE STRUCTURAL
05 12 00-F	STEEL PLATE - SEE STRUCTURAL
05 21 00-A	STEEL JOIST- SEE STRUCTURAL
05 31 00-A	METAL ROOF DECKING- SEE STRUCTURAL
05 31 00-B	METAL FLOOR DECKING- SEE STRUCTURAL
05 40 00-A	6" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-B	2 1/2" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-C	3 5/8" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-D	6"x6" 10 GA. COLD FORMED STEEL ANGLE, CUT TO FIT. ATTACH JAMB TO HEAD
05 40 00-F	CLIP ANGLE
05 40 00-J	3" 16GA. GALVANIZED Z-BAR SUB GIRTS
05 40 00-L	7/8" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 40 00-M	1 1/2" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 50 00-A	MISCELLANEOUS STEEL - SEE STRUCTURAL
05 50 00-B	GALVANIZED STEEL BRICK LINTEL
05 50 00-E	PRE-MANUFACTURED ALUMINUM ACCESS LADDER
05 50 00-F	ELEVATOR HOIST BEAM- COORDINATE WITH ELEVATOR MANUFACTURER
05 51 00-A	MANUFACTURED STEEL FRAMED STAIR
05 51 00-B	CONCRETE FILLED METAL PAN TREAD AND RISER
05 51 00-C	STAIR METAL STRINGER- CHANNEL
05 51 00-D	STAIR METAL STRINGER - TUBE
05 52 13-E	1-1/4" I.D. PAINTED STEEL PIPE RAILING
05 52 13-F	1-1/4" I.D. PAINTED STEEL PIPE HANDRAIL
05 52 13-G	1-1/4" I.D. PAINTED GALVANIZED STEEL PIPE RAILING
05 52 13-U	1-1/2" O.D. GALVANIZED STEEL PIPE GUARDRAIL
05 73 00-A	DECORATIVE METAL RAILING
05 73 00-B	1-1/4" I.D. COLOR ANODIZED ALUMINUM HANDRAIL
06 10 00-A	SHIM AS REQUIRED
06 10 00-B	2X WOOD BLOCKING
06 16 00-A	3/4" EXTERIOR GRADE PLYWOOD
06 16 00-B	5/8" EXTERIOR GRADE PLYWOOD
06 16 00-C	TWO LAYERS OF 3/4" EXTERIOR GRADE PLYWOOD
06 16 00-D	1/2" EXTERIOR GRADE PLYWOOD
06 16 00-E	5/8" EXTERIOR GYPSUM SHEATHING
06 40 00-A	1 1/2" WOOD TRIM
06 40 00-B	SOILD SURFACE WINDOW STOOL
06 40 00-G	1X HARDWOOD TRIM, STAINED
07 13 26-A	SELF-ADHEREING SHEET WATERPROOFING
07 13 26-B	RIGID INSULATION
07 13 26-C	MOLDED SHEET DRAINAGE PANEL
07 21 00-A	SLAB PERIMETER RIGID INSULATION (R-15 FOR 24")
07 21 00-J	PACK FULL WITH MINERAL WOOL INSULATION
07 21 00-K	3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8)
07 21 00-L	3" THERMALLY ISOLATED COMPOSITE Z-GIRT INSULATION SYSTEM
07 21 00-N	MINERAL WOOL BATT INSULATION
07 27 26-A	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE
07 27 26-B	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE, EXTEND AROUND BLOCK TO UNDER WINDOW / PARAPET
07 31 13-A	ASPHALT SHINGLE ROOF
07 42 13-A	PRE-FINISHED METAL WALL PANEL
07 42 13-B	METAL WALL PANEL
07 42 13-C	METAL WALL PANEL - SOFFIT
07 42 13-E	FLASHING WITH DRIP EDGE
07 42 13-F	EXTRUDED TRIM BY MFR
07 42 13-G	THROUGH WALL FLASHING WITH PERFORMED METAL DRIP EDGE
07 54 19-A	POLYVINYL-CHLORIDE (PVC) MEMBRANE ROOFING SYSTEM
07 54 19-B	1/2" COVER BOARD
07 54 19-C	TAPERED POLYISO INSULATION BOARD
07 54 19-D	2 LAYERS OF 2" POLYISO INSULATION BOARD (TOTAL R-VALUE = 22.8)
07 54 19-E	MEMBRANE ROOFING-EXTEND OVER & ATTACH TO FRONT FACE OF PARAPET
07 54 19-F	1 1/2" POLYISO INSULATION BOARD
07 54 19-G	TERMINATION BAR, SET IN WATER CUT OFF MASTIC.
07 62 00-C	FASCIA CLADDING
07 62 00-J	DRIP EDGE
07 62 00-M	PRE-FINISHED METAL GUTTER
07 62 00-N	PREFINISHED METAL DOWNSPOUT
07 71 00-A	MANUFACTURED COPING
07 71 00-B	MANUFACTURED GRAVEL STOP
07 71 00-C	MANUFACTURED FASCIA CLADDING
07 71 00-D	MANUFACTURED COUNTERFLASHING SYSTEM
07 71 00-E	MANUFACTURED GUTTER
07 71 00-F	MANUFACTURED DOWNSPOUT
07 71 00-H	MANUFACTURED DRIP EDGE
07 71 29-A	MANUFACTURED ROOF EXPANSION JOINT ASSEMBLY
07 71 29-B	MANUFACTURED ROOF TO WALL EXPANSION JOINT ASSEMBLY
07 84 13-A	PENETRATION FIRESTOPPING
07 92 00-A	SEALANT
07 92 00-B	SEALANT EACH SIDE, TYPICAL
07 95 13.13-A	INTERIOR EXPANSION JOINT COVER ASSEMBLY
07 95 13.16-A	EXTERIOR EXPANSION JOINT COVER ASSEMBLY
08 11 13-A	HOLLOW METAL DOOR/BORROWED LIGHT FRAME
08 11 13-B	HOLLOW METAL DOOR
08 14 16-A	FLUSH WOOD DOOR
08 33 13-A	OVERHEAD COILING COUNTER DOOR
08 33 13-B	OVERHEAD COILING COUNTER GRILLE
08 33 13-C	INSULATED COILING COUNTER DOOR
08 33 13-E	GUIDE
08 33 23-A	OVERHEAD COILING DOOR
08 33 23-J	BREAK METAL TO MATCH DOOR GUIDE FINISH
08 33 23-K	OVERHEAD COILING DOOR WITH INTEGRATED PASS DOOR
08 41 13-A	4 1/2" ALUMINUM-FRAMED STOREFRONT
08 41 13-B	WIDE STYLE ALUMINUM ENTRANCE DOOR
08 41 13-C	ALUMINUM BRAKE METAL TO MATCH STOREFRONT FRAME
08 44 13-A	7 1/2" DEEP ALUMINUM CURTAINWALL SYSTEM
08 44 13-C	CURTAINWALL ATTACHMENT MEMBER, ALLOW FOR THERMAL MOVEMENT
08 44 13-D	ALUMINUM BREAKMETAL TO MATCH CURTAINWALL FRAME
08 44 13-F	10" DEEP ALUMINUM CURTAINWALL SYSTEM
08 80 00-A	GLAZING - SEE SCHEDULE/ELEVATIONS
08 80 00-B	SPANDREL PANEL - SEE SCHEDULE/ELEVATIONS
08 91 19-A	FIXED LOUVER
09 22 16-D	7/8" FURRING CHANNEL
09 22 16-G	2 1/2" STEEL STUD
09 22 16-H	3 5/8" STEEL STUD
09 22 16-K	6" STEEL STUD
09 29 00-B	5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE)
09 29 00-D	SOUND ATTENUATION INSULATION
09 29 00-E	SUSPENDED GYPSUM BOARD CEILING ASSEMBLY
09 51 13-A	ACOUSTICAL CEILING SUSPENSION ASSEMBLY
09 51 13-C	SUSPENDED CEILING METAL EDGE TRIM
09 82 00-A	SOUND DIFFUSIVE WOOD UNITS
10 14 23-A	PANEL SIGNAGE
10 82 00-A	ROOF AND WALL SCREENS
12 24 13	
12 24 13-A	ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE
14 24 00-D	PIT LADDER
31 20 00-C	DRAINING GRANULAR FILL
32 13 16-A	SIDEWALK- SEE LANDSCAPE SHEETS
32 31 13-A	CHAIN-LINK FENCE- SEE LANDSCAPE SHEETS
32 31 19-A	ORNAMENTAL FENCE- SEE LANDSCAPE SHEETS

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

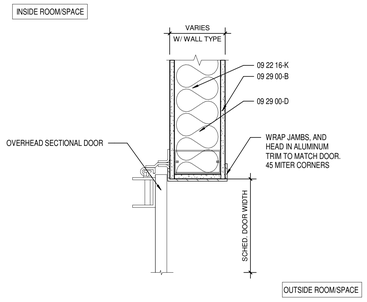
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
HEAD, JAMB, AND SILL DETAILS

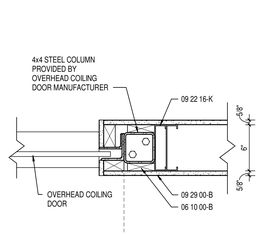
CERTIFIED BY:
BRENTON C. HITE REGISTERED No. AR11700184 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
A507

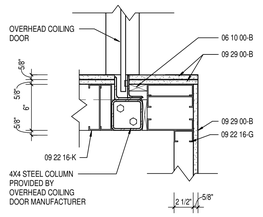
PROJECT NUMBER
2023061



J23 / A508 **J22**
SCALE: 1 1/2" = 1'-0"



9 / A508 **J23**
SCALE: 1 1/2" = 1'-0"



10 / A508 **J24**
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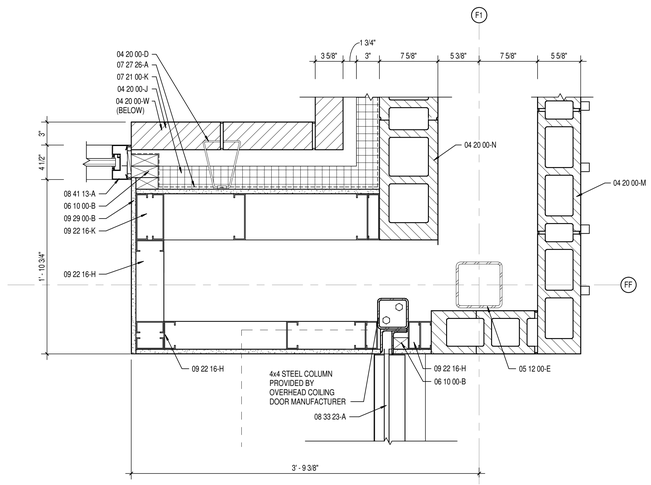

1 / A508 **OVERHEAD COILING DOOR JAMB DETAIL**
SCALE: 1 1/2" = 1'-0"

H23 / A508 **H22**
SCALE: 1 1/2" = 1'-0"

7 / A508 **H20**
SCALE: 1 1/2" = 1'-0"

5 / A508 **H19**
SCALE: 1 1/2" = 1'-0"

2 / A508 **OVERHEAD COILING DOOR JAMB DETAIL**
SCALE: 1 1/2" = 1'-0"

8 / A508 **S6**
SCALE: 1 1/2" = 1'-0"

6 / A508 **S5**
SCALE: 1 1/2" = 1'-0"

4 / A508 **S4**
SCALE: 1 1/2" = 1'-0"

3 / A508 **OVERHEAD COILING DOOR JAMB DETAIL**
SCALE: 1 1/2" = 1'-0"

KEYNOTE LEGEND

03 30 00-A	WATERSTOP
03 30 00-B	CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL
03 30 00-C	CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL
03 30 00-D	CONCRETE FOUNDATION- SEE STRUCTURAL
03 30 00-E	CONCRETE FOOTING- SEE STRUCTURAL
03 30 00-F	1/2" EXPANSION MATERIAL
04 20 00-A	GROUT CORE SOLID
04 20 00-B	MASONRY TIE
04 20 00-C	CELL WEEP VENTS @ 16" O.C.
04 20 00-D	ADJUSTIBLE MASONRY VENEER ANCHOR AT 16" O.C. VERTICALLY
04 20 00-F	METAL FLASHING
04 20 00-G	THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE
04 20 00-H	CAVITY DRAINAGE MATERIAL
04 20 00-J	BRICK TYPE 1 (WIRE CUT)
04 20 00-K	BRICK TYPE 2 (SMOOTH FACE)
04 20 00-K1	BRICK TYPE 2 (SOLDIER COURSE) - SEE SIZE ON DRAWING 10/A430
04 20 00-L	4" CONCRETE MASONRY UNIT
04 20 00-M	6" CONCRETE MASONRY UNIT
04 20 00-N	8" CONCRETE MASONRY UNIT
04 20 00-O	10" CONCRETE MASONRY UNIT
04 20 00-P	12" CONCRETE MASONRY UNIT
04 20 00-Q	BULLNOSE UNIT
04 20 00-R	BOND BEAM MASONRY UNIT
04 20 00-S	DECORATIVE CMU (GROUND FACE)
04 20 00-T	ACOUSTICAL BLOCK
04 20 00-U	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, SMOOTH)
04 20 00-V	CALCIUM SILICATE MASONRY UNIT (LARGE FORMAT, SMOOTH)
04 20 00-W	CALCIUM SILICATE MASONRY UNIT (SMALL FORMAT, ROUGH)
04 20 00-X	4" GROUND FACE CONCRETE MASONRY UNIT
04 72 00-A	CAST STONE SILL - SEE SIZE ON DRAWING 10/A430
04 72 00-B	CAST STONE
05 12 00-A	STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL
05 12 00-B	STEEL ANGLE- SEE STRUCTURAL
05 12 00-C	STEEL BENT PLATE- SEE STRUCTURAL
05 12 00-D	STEEL BEAM- SEE STRUCTURAL
05 12 00-E	STEEL COLUMN - SEE STRUCTURAL
05 12 00-F	STEEL PLATE - SEE STRUCTURAL
05 21 00-A	STEEL JOIST- SEE STRUCTURAL
05 31 00-A	METAL ROOF DECKING- SEE STRUCTURAL
05 31 00-B	METAL FLOOR DECKING- SEE STRUCTURAL
05 40 00-A	6" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-B	2 1/2" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-C	3 5/8" 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 40 00-D	6"x6" 10 GA. COLD FORMED STEEL ANGLE, CUT TO FIT. ATTACH JAMB TO HEAD
05 40 00-F	CLIP ANGLE
05 40 00-J	3" 16GA. GALVANIZED Z-BAR SUB GIRTS
05 40 00-L	7/8" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 40 00-M	1 1/2" (MIN. 16GA) GALVANIZED HAT CHANNELS
05 50 00-A	MISCELLANEOUS STEEL - SEE STRUCTURAL
05 50 00-B	GALVANIZED STEEL BRICK LINTEL
05 50 00-E	PRE-MANUFACTURED ALUMINUM ACCESS LADDER
05 50 00-F	ELEVATOR HOIST BEAM- COORDINATE WITH ELEVATOR MANUFACTURER
05 51 00-A	MANUFACTURED STEEL FRAMED STAIR
05 51 00-B	CONCRETE FILLED METAL PAN TREAD AND RISER
05 51 00-C	STAIR METAL STRINGER- CHANNEL
05 51 00-D	STAIR METAL STRINGER - TUBE
05 52 13-E	1-1/4" I.D. PAINTED STEEL PIPE RAILING
05 52 13-F	1-1/4" I.D. PAINTED STEEL PIPE HANDRAIL
05 52 13-G	1-1/4" I.D. PAINTED GALVANIZED STEEL PIPE RAILING
05 52 13-U	1-1/2" O.D. GALVANIZED STEEL PIPE GUARDRAIL
05 73 00-A	DECORATIVE METAL RAILING
05 73 00-B	1-1/4" I.D. COLOR ANODIZED ALUMINUM HANDRAIL
06 10 00-A	SHIM AS REQUIRED
06 10 00-B	2X WOOD BLOCKING
06 16 00-A	3/4" EXTERIOR GRADE PLYWOOD
06 16 00-B	5/8" EXTERIOR GRADE PLYWOOD
06 16 00-C	TWO LAYERS OF 3/4" EXTERIOR GRADE PLYWOOD
06 16 00-D	1/2" EXTERIOR GRADE PLYWOOD
06 16 00-E	5/8" EXTERIOR GYPSUM SHEATHING
06 40 00-A	1 1/2" WOOD TRIM
06 40 00-B	SOLID SURFACE WINDOW STOOL
06 40 00-G	1X HARDWOOD TRIM, STAINED
07 13 26-A	SELF-ADHEREING SHEET WATERPROOFING
07 13 26-B	RIGID INSULATION
07 13 26-C	MOLDED SHEET DRAINAGE PANEL
07 21 00-A	SLAB PERIMETER RIGID INSULATION (R-15 FOR 24")
07 21 00-J	PACK FULL WITH MINERAL WOOL INSULATION
07 21 00-K	3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8)
07 21 00-L	3" THERMALLY ISOLATED COMPOSITE Z-GIRT INSULATION SYSTEM
07 21 00-N	MINERAL WOOL BATT INSULATION
07 27 26-A	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE
07 27 26-B	FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE, EXTEND AROUND BLOCK TO UNDER WINDOW / PARAPET
07 31 13-A	ASPHALT SHINGLE ROOF
07 42 13-A	PRE-FINISHED METAL WALL PANEL
07 42 13-B	METAL WALL PANEL
07 42 13-C	METAL WALL PANEL - SOFFIT
07 42 13-E	FLASHING WITH DRIP EDGE
07 42 13-F	EXTRUDED TRIM BY MFR
07 42 13-G	THROUGH WALL FLASHING WITH PERFORMED METAL DRIP EDGE
07 54 19-A	POLYVINYL-CHLORIDE (PVC) MEMBRANE ROOFING SYSTEM
07 54 19-B	1/2" COVER BOARD
07 54 19-C	TAPERED POLYISO INSULATION BOARD
07 54 19-D	2 LAYERS OF 2" POLYISO INSULATION BOARD (TOTAL R-VALUE = 22.8)
07 54 19-E	MEMBRANE ROOFING-EXTEND OVER & ATTACH TO FRONT FACE OF PARAPET
07 54 19-F	1 1/2" POLYISO INSULATION BOARD
07 54 19-G	TERMINATION BAR, SET IN WATER CUT OFF MASTIC.
07 62 00-C	FASCIA CLADDING
07 62 00-J	DRIP EDGE
07 62 00-M	PRE-FINISHED METAL GUTTER
07 62 00-N	PREFINISHED METAL DOWNSPOUT
07 71 00-A	MANUFACTURED COPING
07 71 00-B	MANUFACTURED GRAVEL STOP
07 71 00-C	MANUFACTURED FASCIA CLADDING
07 71 00-D	MANUFACTURED COUNTERFLASHING SYSTEM
07 71 00-E	MANUFACTURED GUTTER
07 71 00-F	MANUFACTURED DOWNSPOUT
07 71 00-H	MANUFACTURED DRIP EDGE
07 71 29-A	MANUFACTURED ROOF EXPANSION JOINT ASSEMBLY
07 71 29-B	MANUFACTURED ROOF TO WALL EXPANSION JOINT ASSEMBLY
07 84 13-A	PENETRATION FIRESTOPPING
07 92 00-A	SEALANT
07 92 00-B	SEALANT EACH SIDE, TYPICAL
07 95 13.13-A	INTERIOR EXPANSION JOINT COVER ASSEMBLY
07 95 13.16-A	EXTERIOR EXPANSION JOINT COVER ASSEMBLY
08 11 13-A	HOLLOW METAL DOOR/BORROWED LIGHT FRAME
08 11 13-B	HOLLOW METAL DOOR
08 14 16-A	FLUSH WOOD DOOR
08 33 13-A	OVERHEAD COILING COUNTER DOOR
08 33 13-B	OVERHEAD COILING COUNTER GRILLE
08 33 13-C	INSULATED COILING COUNTER DOOR
08 33 13-E	GUIDE
08 33 23-A	OVERHEAD COILING DOOR
08 33 23-J	BREAK METAL TO MATCH DOOR GUIDE FINISH
08 33 23-K	OVERHEAD COILING DOOR WITH INTEGRATED PASS DOOR
08 41 13-A	4 1/2" ALUMINUM-FRAMED STOREFRONT
08 41 13-B	WIDE STYLE ALUMINUM ENTRANCE DOOR
08 41 13-C	ALUMINUM BRAKE METAL TO MATCH STOREFRONT FRAME
08 44 13-A	7 1/2" DEEP ALUMINUM CURTAINWALL SYSTEM
08 44 13-C	CURTAINWALL ATTACHMENT MEMBER, ALLOW FOR THERMAL MOVEMENT
08 44 13-D	ALUMINUM BREAKMETAL TO MATCH CURTAINWALL FRAME
08 44 13-F	10" DEEP ALUMINUM CURTAINWALL SYSTEM
08 80 00-A	GLAZING - SEE SCHEDULE/ELEVATIONS
08 80 00-B	SPANDREL PANEL - SEE SCHEDULE/ELEVATIONS
08 91 19-A	FIXED LOUVER
09 22 16-D	7/8" FURRING CHANNEL
09 22 16-G	2 1/2" STEEL STUD
09 22 16-H	3 5/8" STEEL STUD
09 22 16-K	6" STEEL STUD
09 29 00-B	5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE)
09 29 00-D	SOUND ATTENUATION INSULATION
09 29 00-E	SUSPENDED GYPSUM BOARD CEILING ASSEMBLY
09 51 13-A	ACOUSTICAL CEILING SUSPENSION ASSEMBLY
09 51 13-C	SUSPENDED CEILING METAL EDGE TRIM
09 82 00-A	SOUND DIFFUSIVE WOOD UNITS
10 14 23-A	PANEL SIGNAGE
10 82 00-A	ROOF AND WALL SCREENS
12 24 13	
12 24 13-A	ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE
14 24 00-D	PIT LADDER
31 20 00-C	DRAINING GRANULAR FILL
32 13 16-A	SIDEWALK- SEE LANDSCAPE SHEETS
32 31 13-A	CHAIN-LINK FENCE- SEE LANDSCAPE SHEETS
32 31 19-A	ORNAMENTAL FENCE- SEE LANDSCAPE SHEETS

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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The Trade Contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

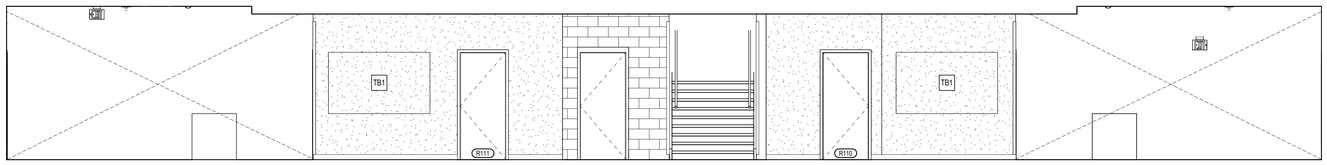
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
HEAD, JAMB, AND SILL DETAILS

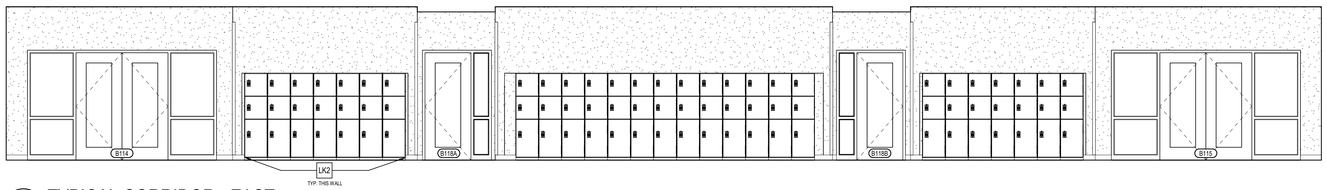
CERTIFIED BY:
BRENT C. HIDE
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A508

PROJECT NUMBER
2023061



4 A600 TYPICAL CORRIDOR - WEST
SCALE: 1/4" = 1'-0"



3 A600 TYPICAL CORRIDOR - EAST
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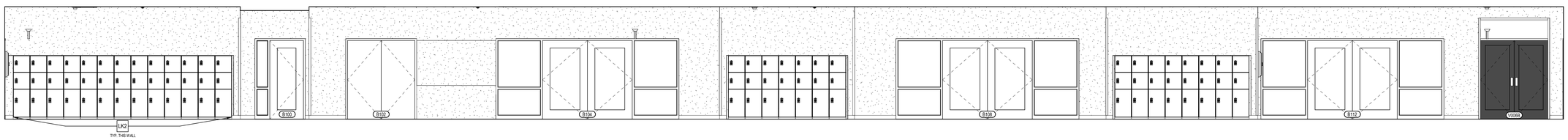

2 A600 TYPICAL CORRIDOR - SOUTH
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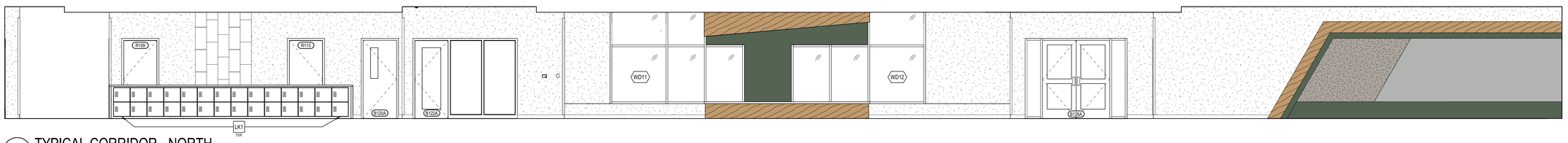

1 A600 TYPICAL CORRIDOR - NORTH
SCALE: 1/4" = 1'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

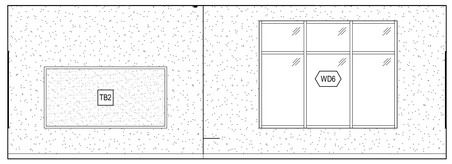
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
INTERIOR ELEVATIONS - ACADEMIC CORRIDOR

CERTIFIED BY:
BRENTON C. HALL
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A600

PROJECT NUMBER
2023061



20 A601 INTERIOR ELEVATION - FACS
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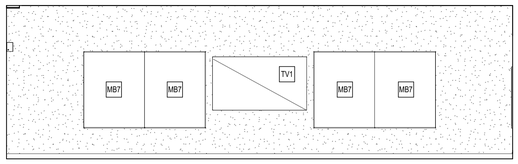
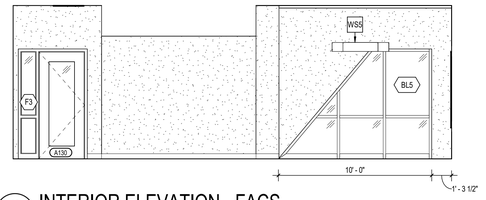


19 A601 INTERIOR ELEVATION - FACS
SCALE: 1/4" = 1'-0"



18 A601 INTERIOR ELEVATION - FACS
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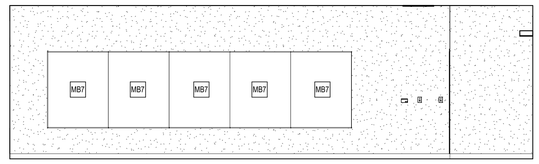
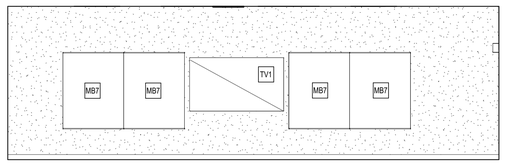
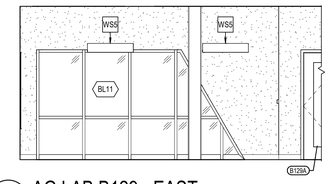


17 A601 INTERIOR ELEVATION - FACS
SCALE: 1/4" = 1'-0"



16 A601 AG LAB B129 - NORTH
SCALE: 1/4" = 1'-0"



15 A601 AG LAB B129 - EAST
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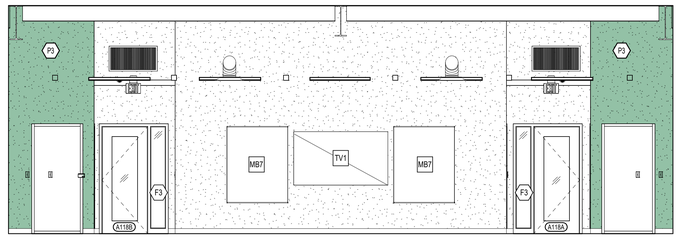
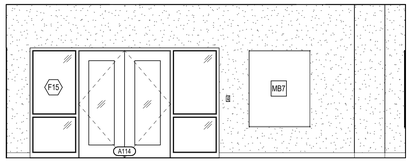


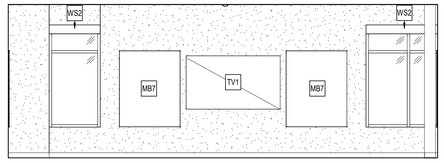
14 A601 LAB A118 - SOUTH
SCALE: 1/4" = 1'-0"



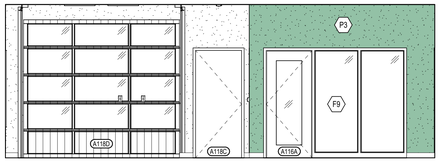
13 A601 LAB A118 - EAST
SCALE: 1/4" = 1'-0"



12 A601 CLASSROOM A114 - SOUTH
SCALE: 1/4" = 1'-0"



11 A601 CLASSROOM A114 - WEST
SCALE: 1/4" = 1'-0"



10 A601 CLASSROOM A114 - EAST
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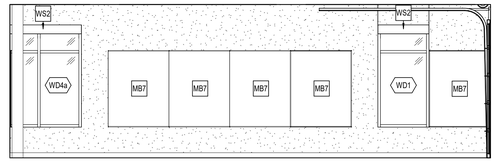
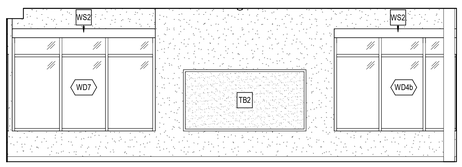
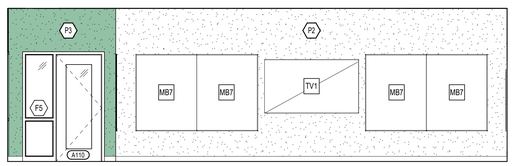


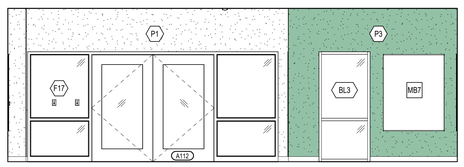
9 A601 CLASSROOM A114 - NORTH
SCALE: 1/4" = 1'-0"



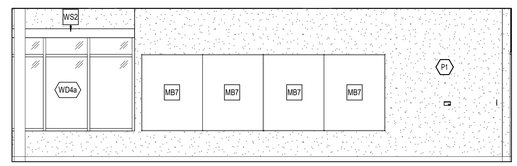
8 A601 CLASSROOM A112 - WEST
SCALE: 1/4" = 1'-0"



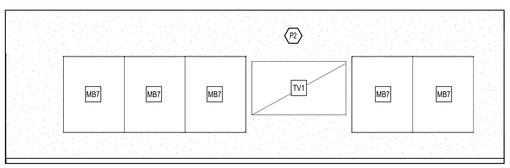
7 A601 CLASSROOM A112 - SOUTH
SCALE: 1/4" = 1'-0"



6 A601 CLASSROOM A112 - EAST
SCALE: 1/4" = 1'-0"



5 A601 CLASSROOM A112 - NORTH
SCALE: 1/4" = 1'-0"



4 A601 CLASSROOM A104 - WEST
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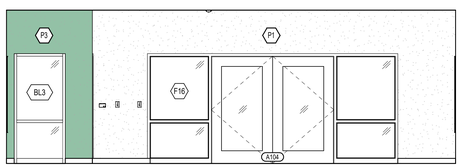
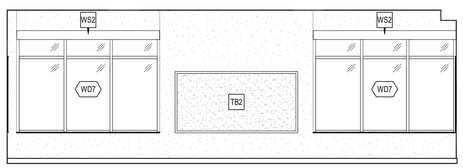
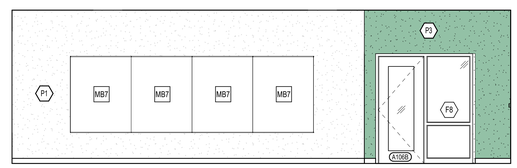


3 A601 CLASSROOM A104 - SOUTH
SCALE: 1/4" = 1'-0"



2 A601 CLASSROOM A104 - EAST
SCALE: 1/4" = 1'-0"



1 A601 CLASSROOM A104 - NORTH
SCALE: 1/4" = 1'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. They are not intended to be construction documents or describe all work required for full performance and completion of the requirements of the Contract.
The Contract Documents establish scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

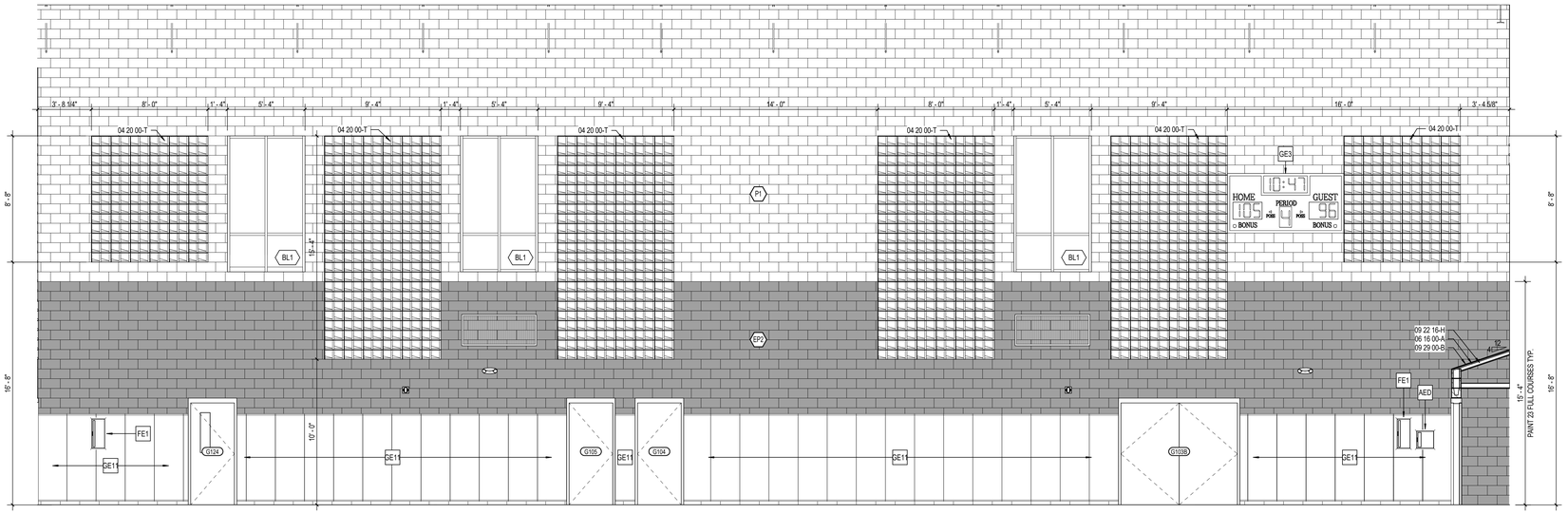
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
INTERIOR ELEVATIONS - CLASSROOMS AND LAB

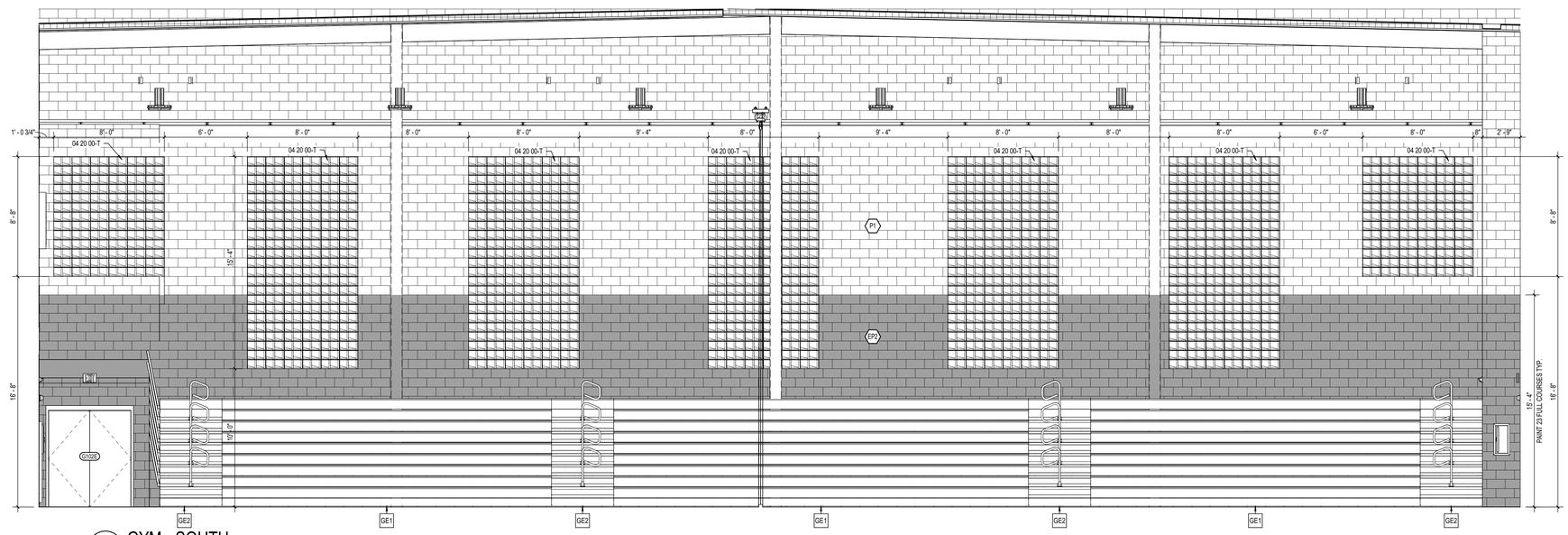
CERTIFIED BY:
BRENT C. HIE
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A601

PROJECT NUMBER
2023061



2 A602 GYM - EAST
SCALE: 1/4" = 1'-0"



1 A602 GYM - SOUTH
SCALE: 1/4" = 1'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

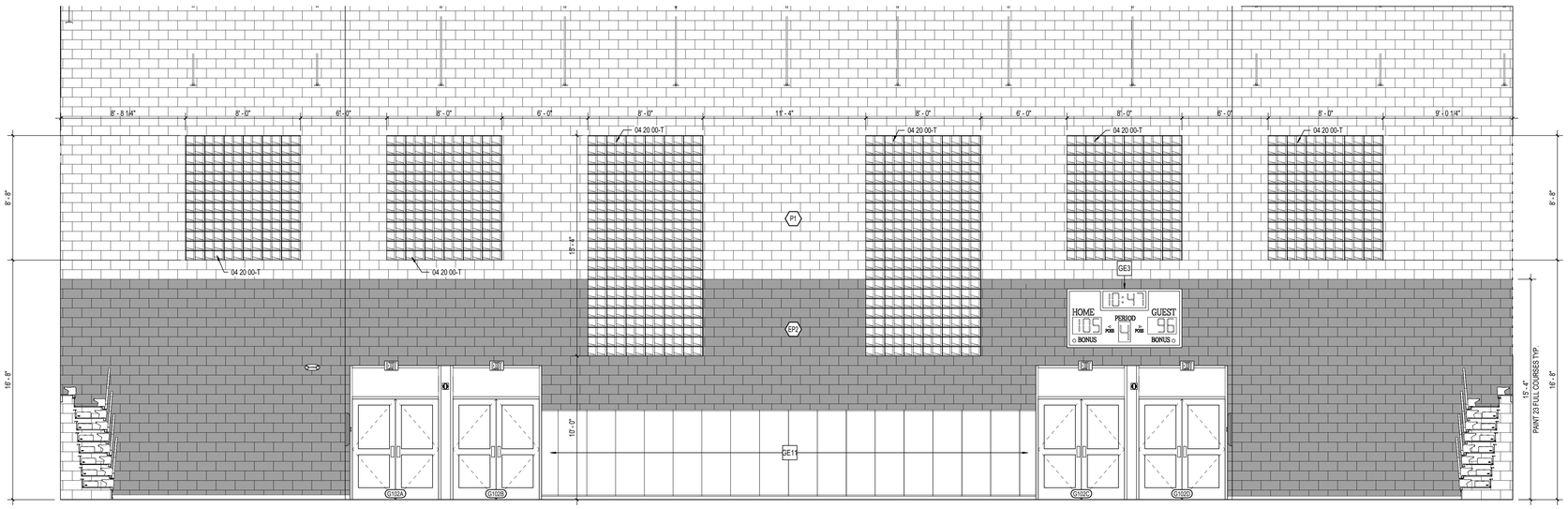
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
INTERIOR ELEVATIONS - GYM

CERTIFIED BY:
BRENTON C. HUTH
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A602

PROJECT NUMBER
2023061



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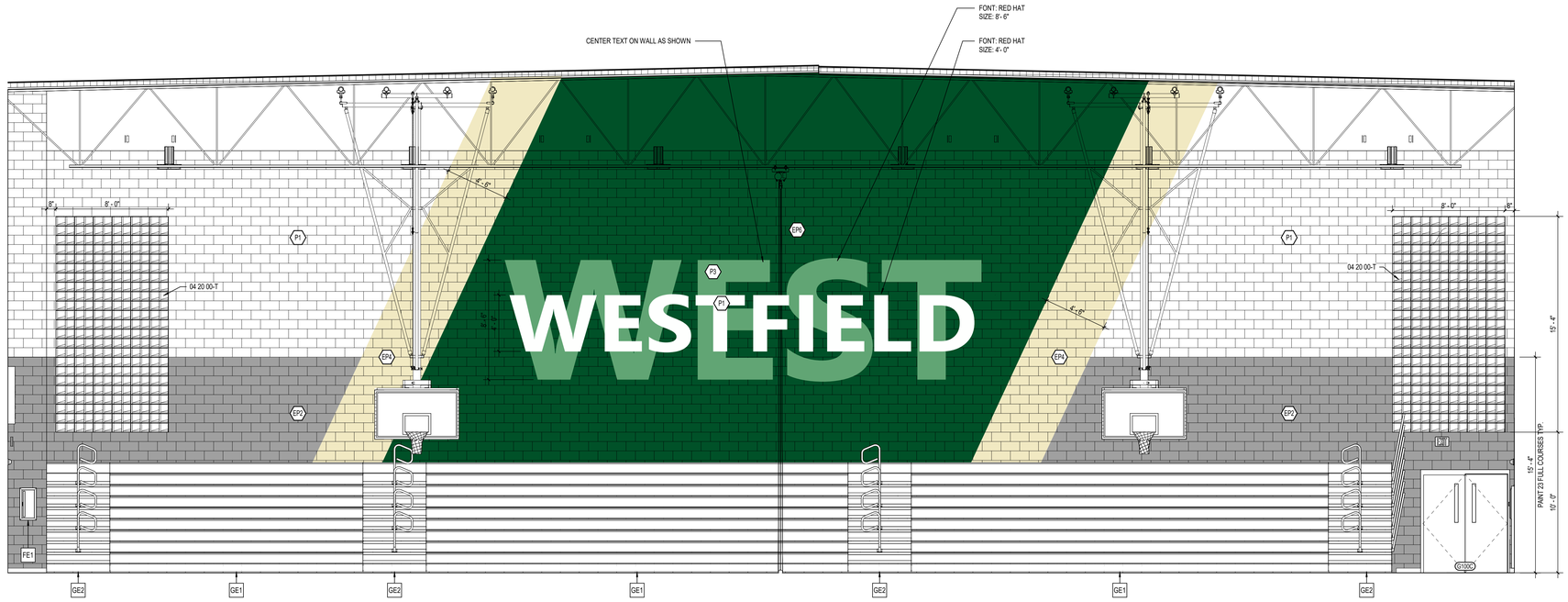

1 A603 GYM - NORTH
SCALE: 1/4" = 1'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

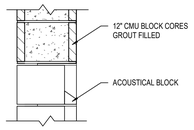
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
INTERIOR ELEVATIONS - GYM

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A603

PROJECT NUMBER
2023061



4 A604 HEAD DETAIL AT ACOUSTICAL BLOCK
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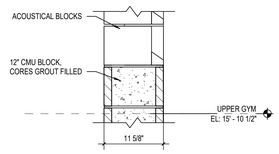
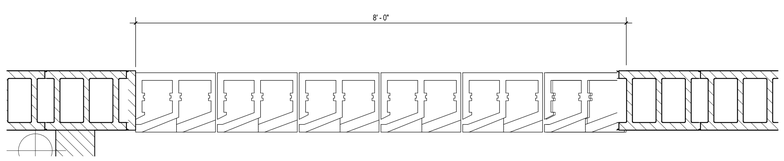
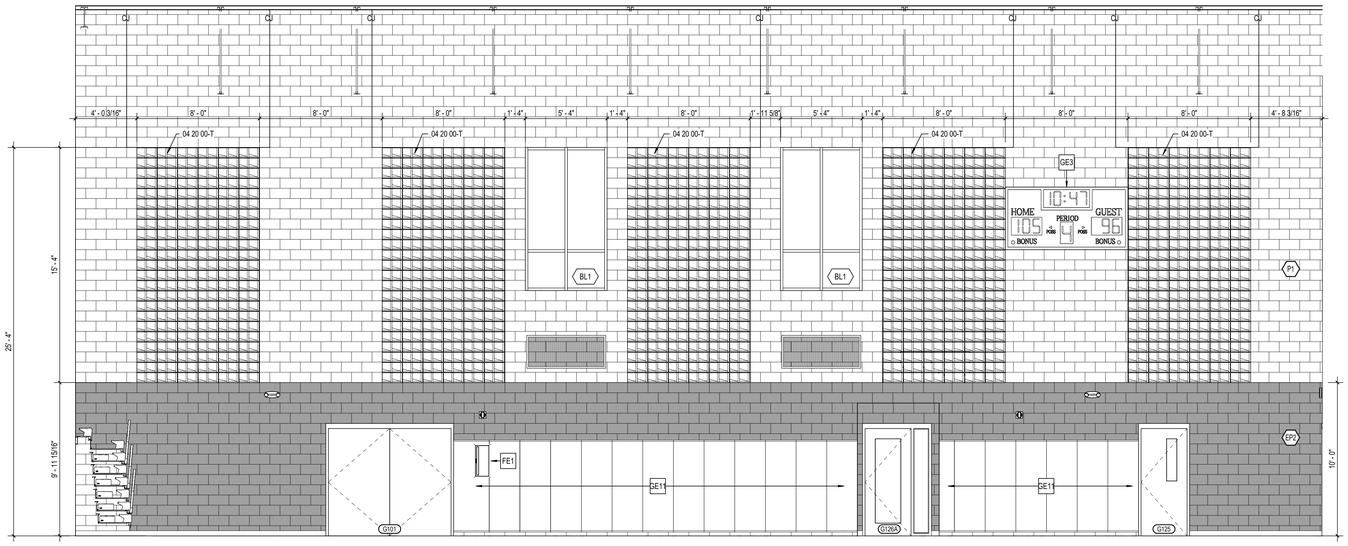


5 A604 SILL DETAIL AT ACOUSTICAL BLOCK
SCALE: 1" = 1'-0"



3 A604 PLAN DETAIL AT ACOUSTICAL BLOCK
SCALE: 1" = 1'-0"



2 A604 AUX GYM - EAST
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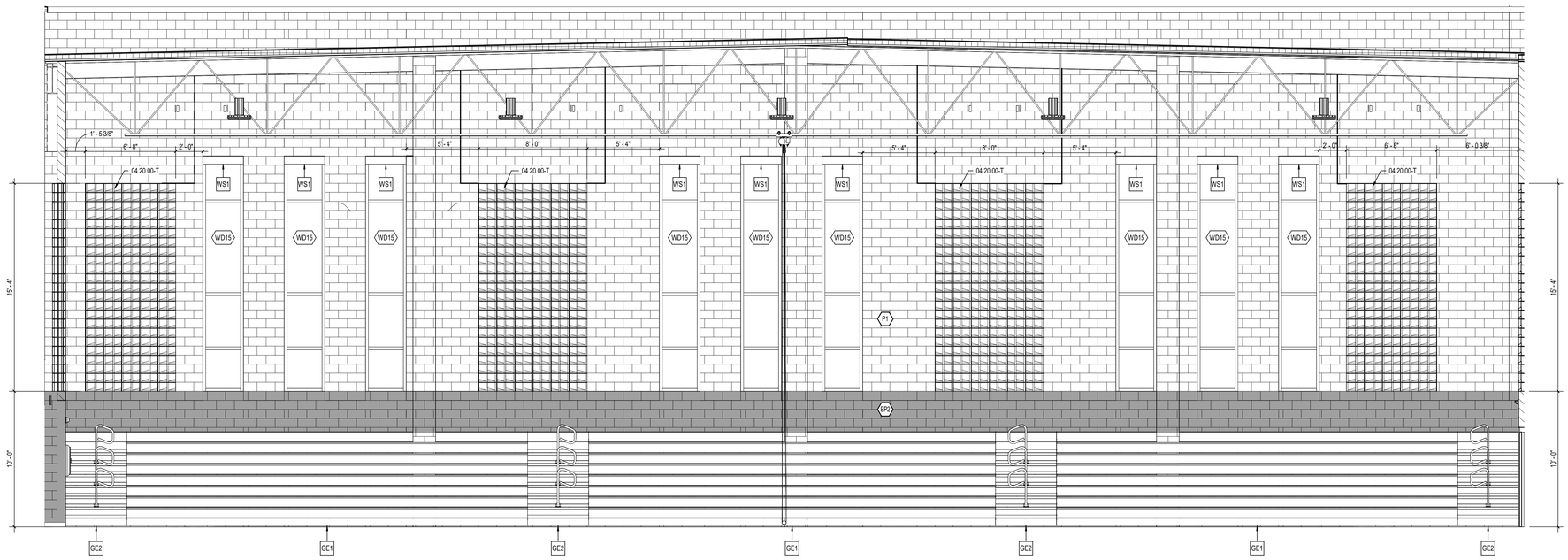

1 A604 AUX GYM - NORTH
SCALE: 1/4" = 1'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

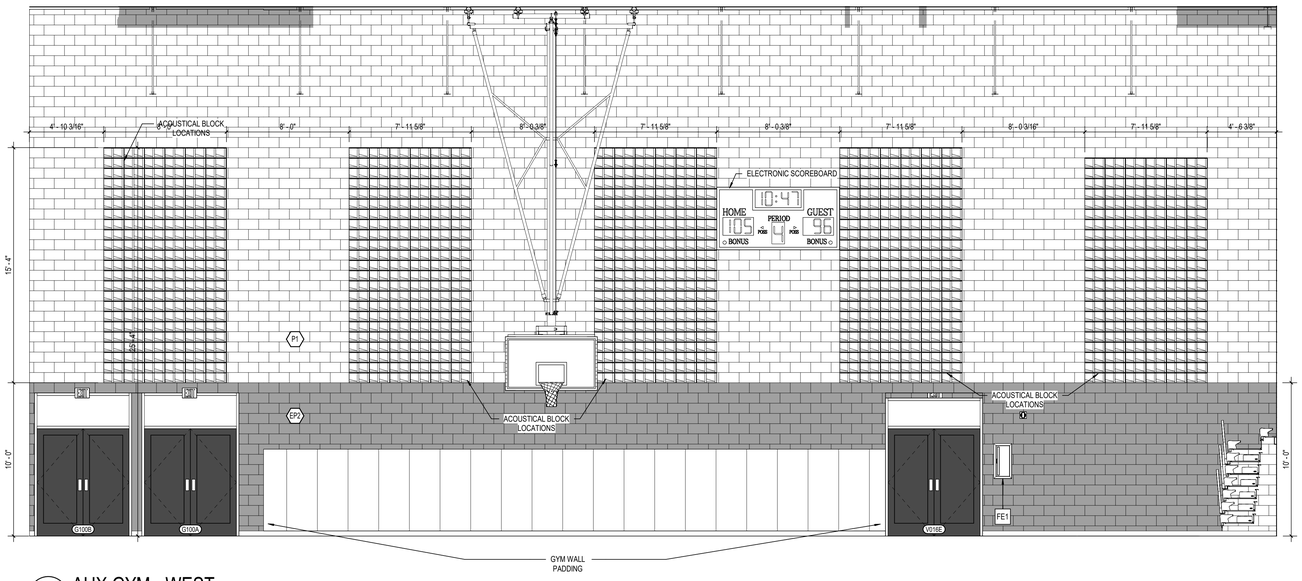
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
INTERIOR ELEVATIONS - AUX GYM

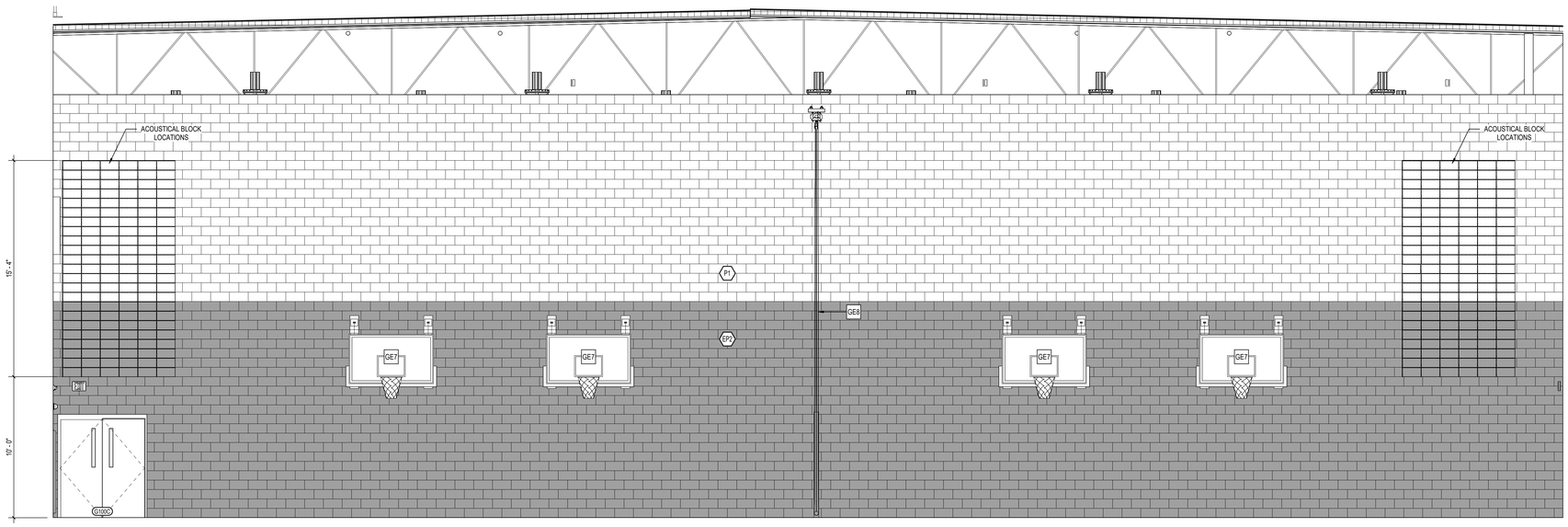
CERTIFIED BY:
BRENTON C. HIGH
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A604

PROJECT NUMBER
2023061



2 A605 AUX GYM - WEST
SCALE: 1/4" = 1'-0"



1 A605 AUX GYM - SOUTH
SCALE: 1/4" = 1'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

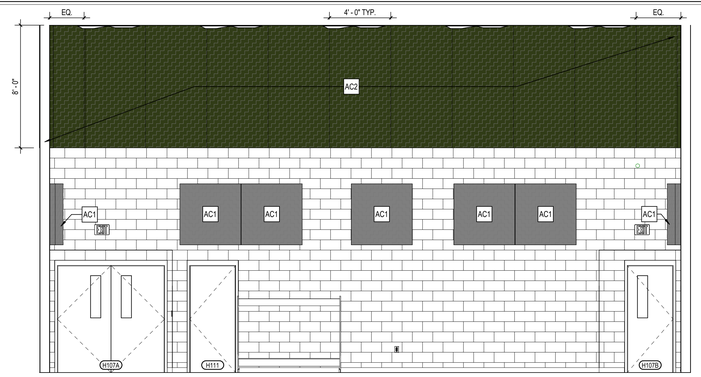
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
INTERIOR ELEVATIONS - AUX GYM

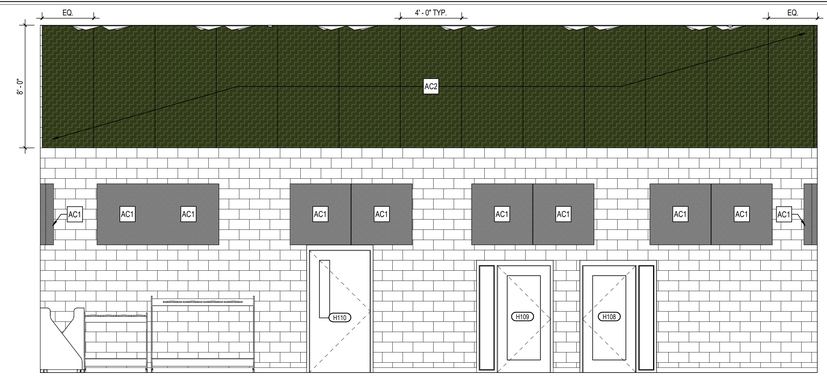
CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A605

PROJECT NUMBER
2023061



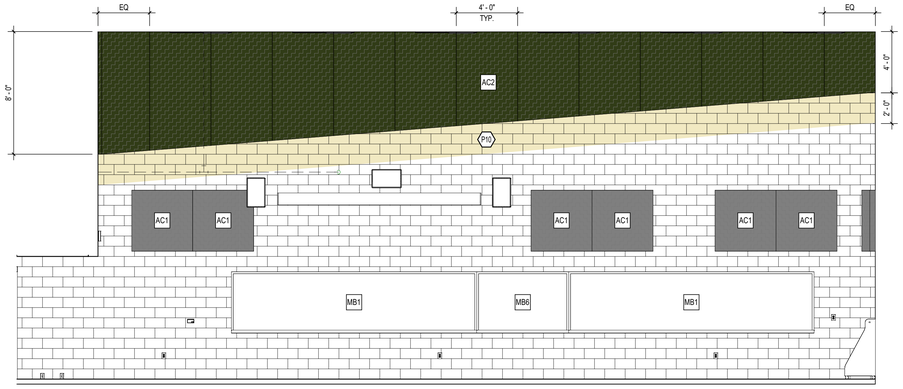
8 A606 ORCHESTRA - NORTH ELEVATION
SCALE: 1/4" = 1'-0"



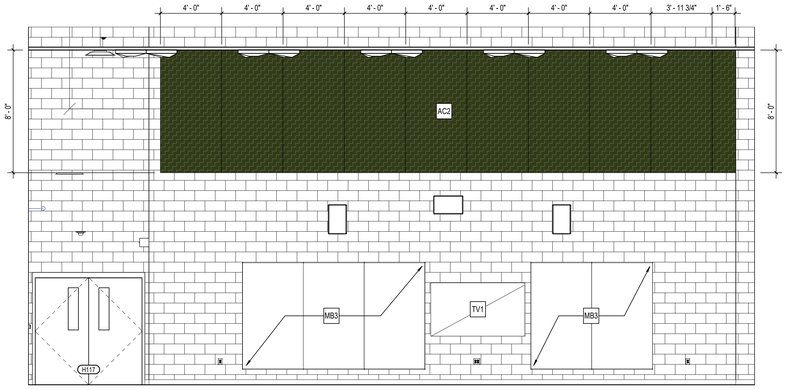
7 A606 ORCHESTRA - WEST ELEVATION
SCALE: 1/4" = 1'-0"



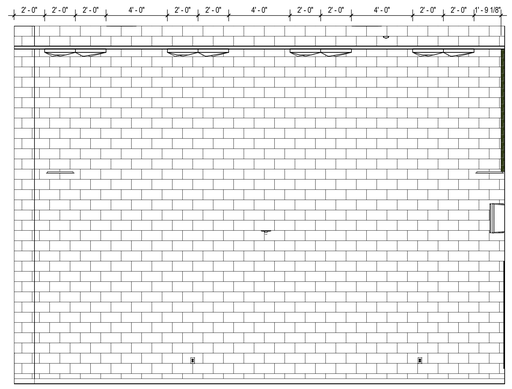
6 A606 ORCHESTRA - SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



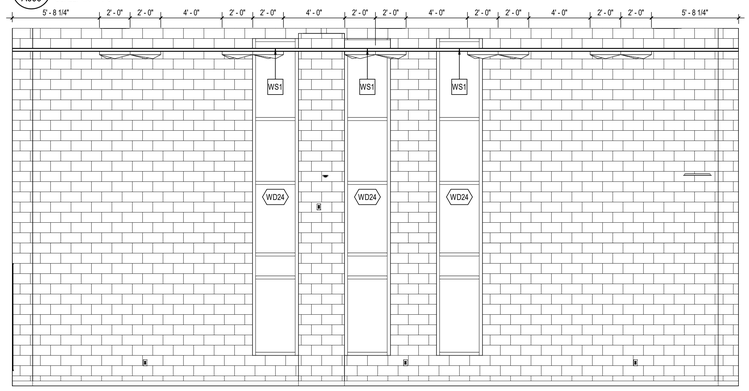
5 A606 ORCHESTRA - EAST ELEVATION
SCALE: 1/4" = 1'-0"



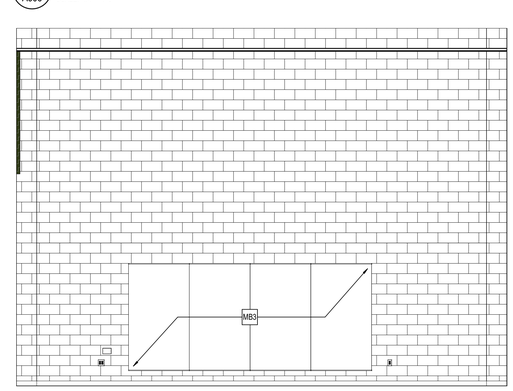
4 A606 MULTI PURPOSE - NORTH ELEVATION
SCALE: 1/4" = 1'-0"



3 A606 MULTI PURPOSE - WEST ELEVATION
SCALE: 1/4" = 1'-0"



2 A606 MULTI PURPOSE - SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



1 A606 MULTI PURPOSE - EAST ELEVATION
SCALE: 1/4" = 1'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

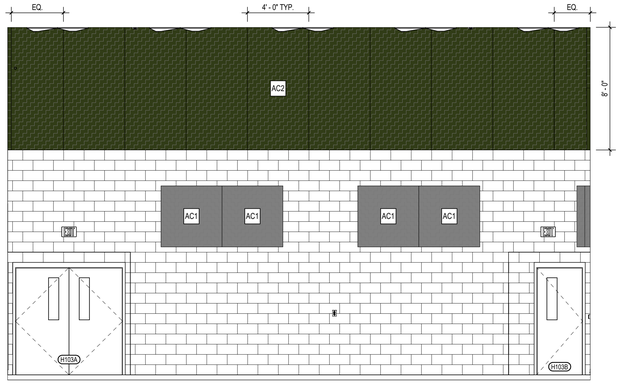
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
INTERIOR ELEVATIONS - ORCHESTRA AND MULTI-PURPOSE

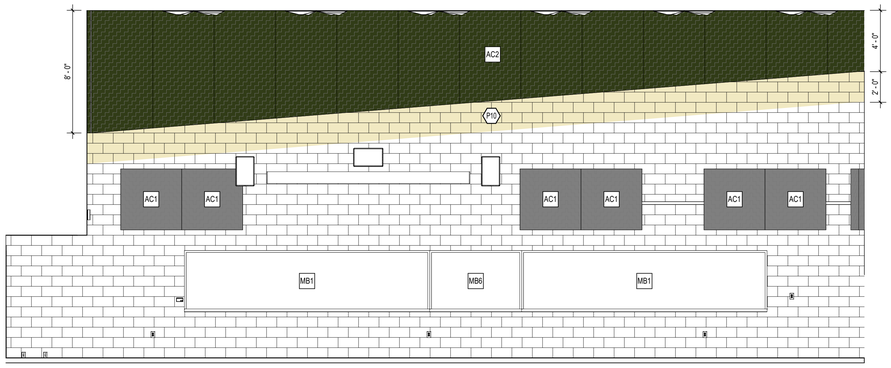
CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A606

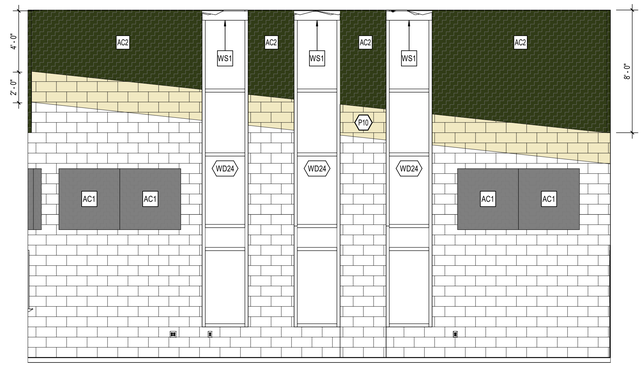
PROJECT NUMBER
2023061



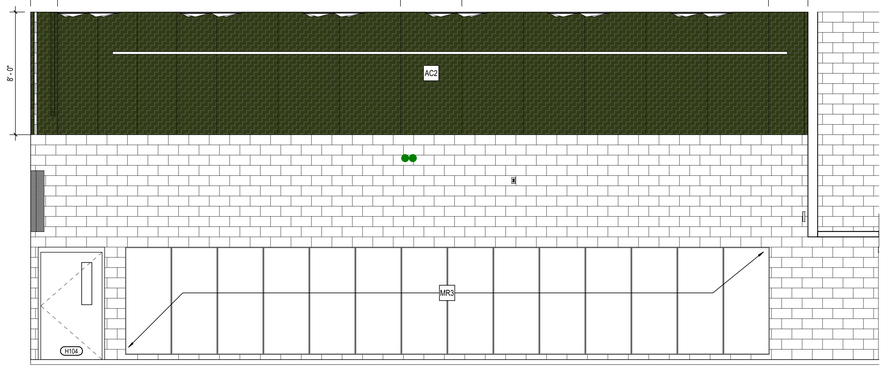
1 A607 CHOIR - NORTH ELEVATION
SCALE: 1/4" = 1'-0"



2 A607 CHOIR - EAST ELEVATION
SCALE: 1/4" = 1'-0"



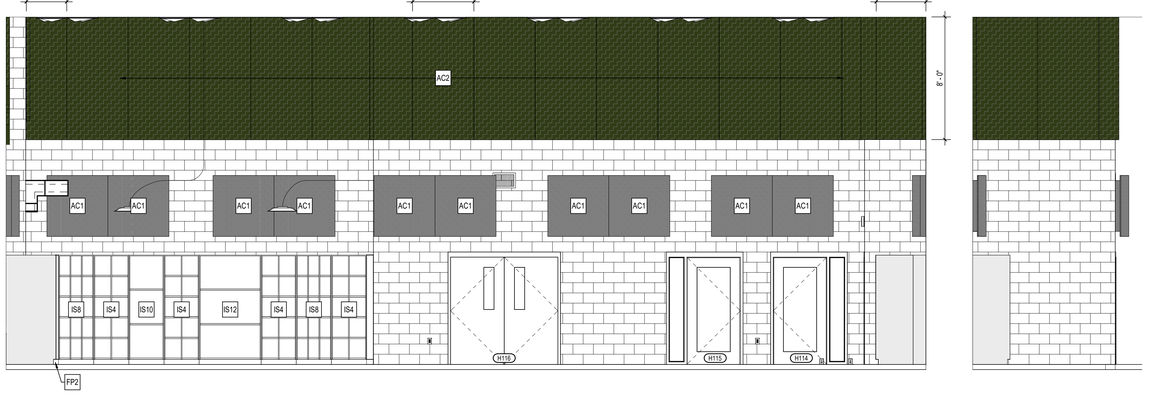
3 A607 CHOIR -SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



5 A607 CHOIR - WEST ELEVATION
SCALE: 1/4" = 1'-0"

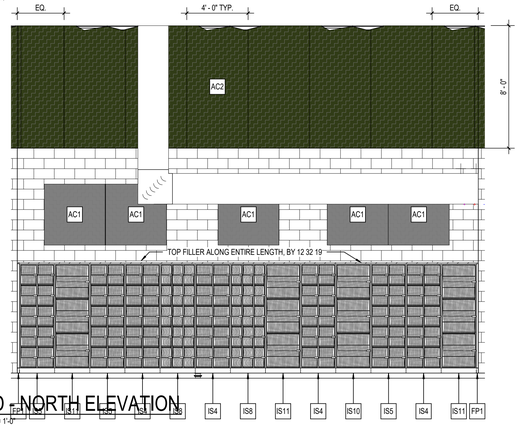


4 A607 BAND - SOUTH ELEVATION
SCALE: 1/4" = 1'-0"

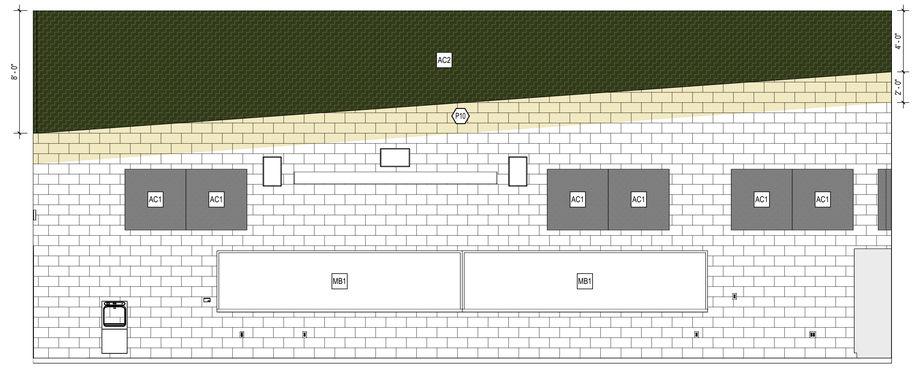


6 A607 BAND - WEST ELEVATION
SCALE: 1/4" = 1'-0"

9 A607 BAND - NORTH ELEVATION
SCALE: 1/4" = 1'-0"



7 A607 BAND - NORTH ELEVATION
SCALE: 1/4" = 1'-0"



8 A607 BAND - EAST ELEVATION
SCALE: 1/4" = 1'-0"

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PROJECT:
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BID DOCUMENTS
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REVISIONS:

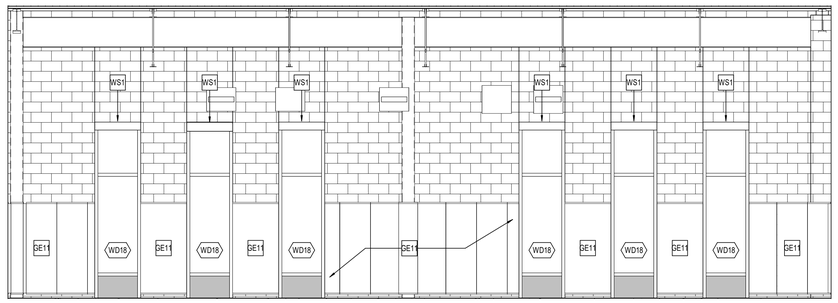
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
INTERIOR ELEVATIONS - BAND AND CHOIR

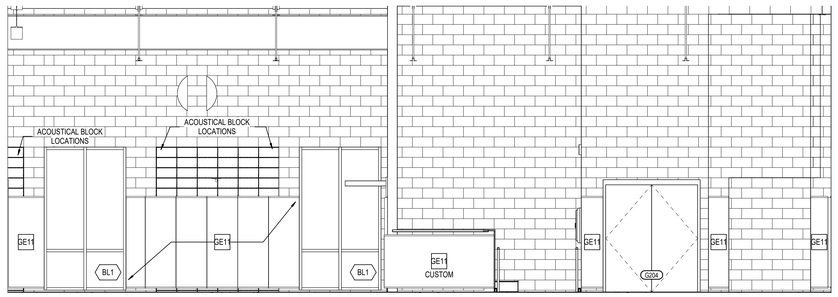
CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A607

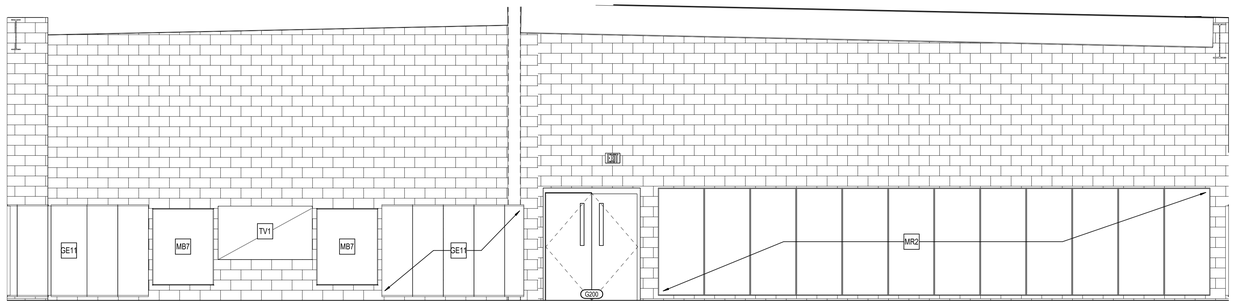
PROJECT NUMBER
2023061



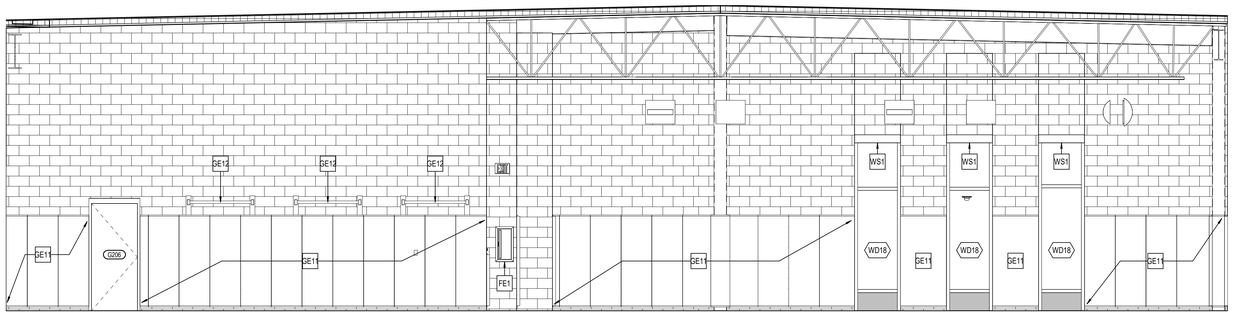
4 A608 WEIGHT GYM - EAST
SCALE: 1/4" = 1'-0"



3 A608 WEIGHT GYM - WEST
SCALE: 1/4" = 1'-0"



2 A608 WEIGHT GYM - SOUTH
SCALE: 1/4" = 1'-0"



1 A608 WEIGHT GYM - NORTH
SCALE: 1/4" = 1'-0"

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REVISIONS:

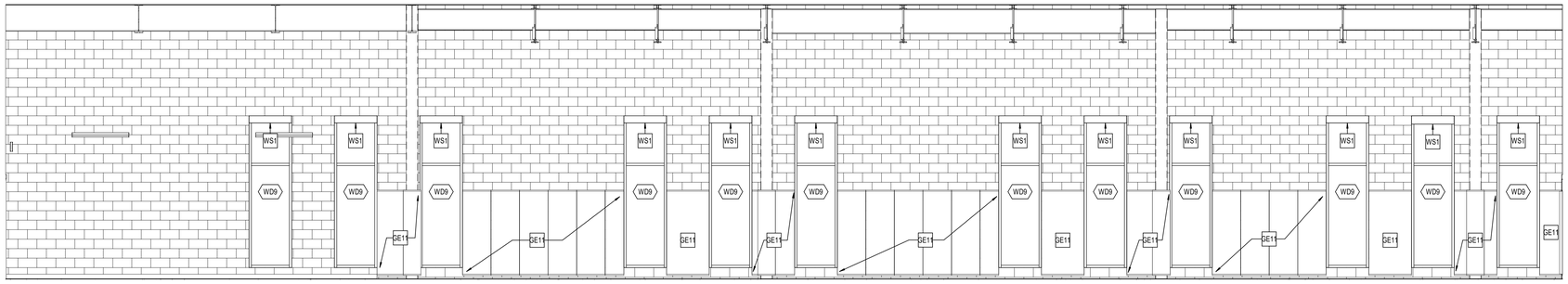
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
INTERIOR ELEVATIONS - WEIGHT GYM

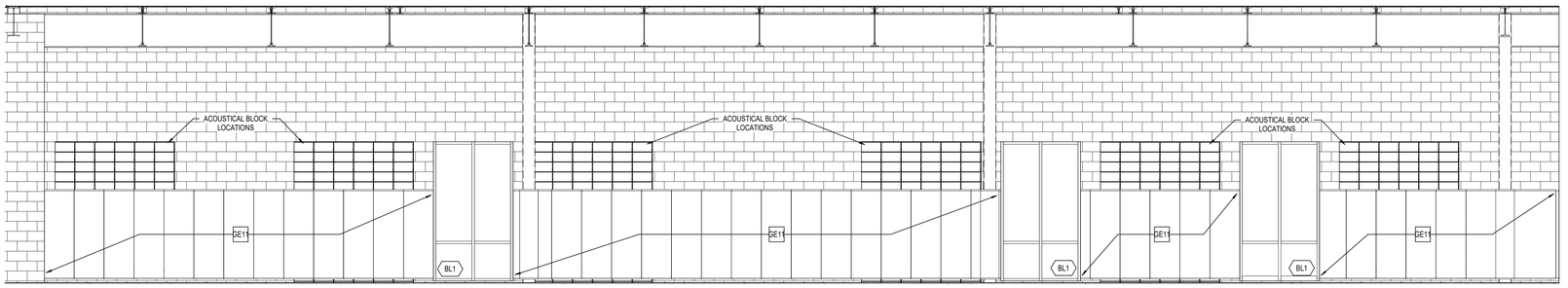
CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A608

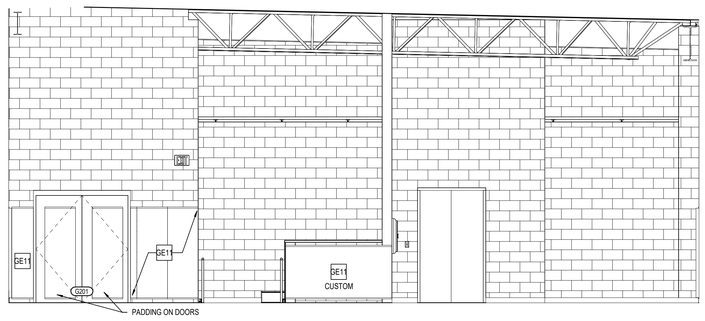
PROJECT NUMBER
2023061



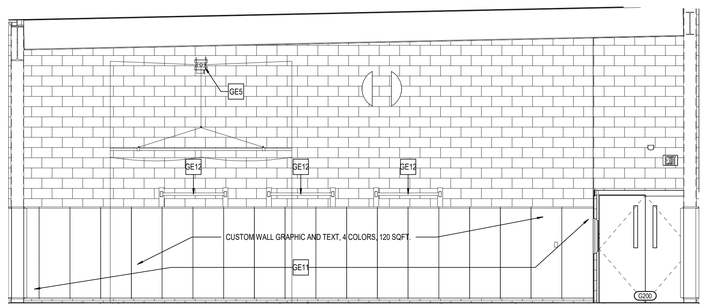
4 A609 MAT GYM - EAST
SCALE: 1/4" = 1'-0"



3 A609 MAT GYM - WEST
SCALE: 1/4" = 1'-0"



2 A609 MAT GYM - SOUTH
SCALE: 1/4" = 1'-0"



1 A609 MAT GYM - NORTH
SCALE: 1/4" = 1'-0"

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REVISIONS:

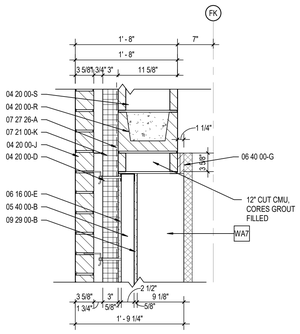
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
INTERIOR ELEVATIONS - MAT GYM

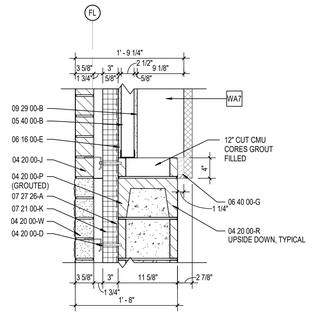
CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A609

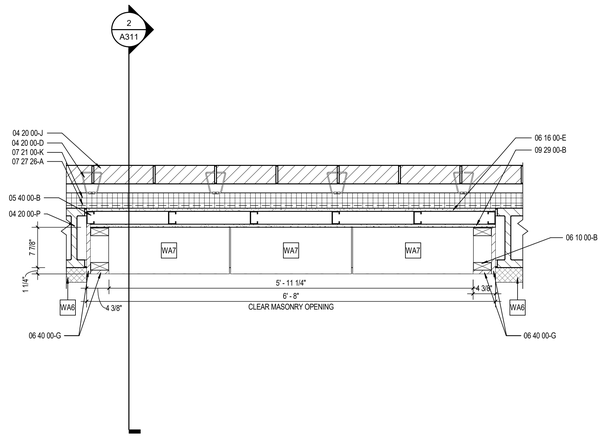
PROJECT NUMBER
2023061



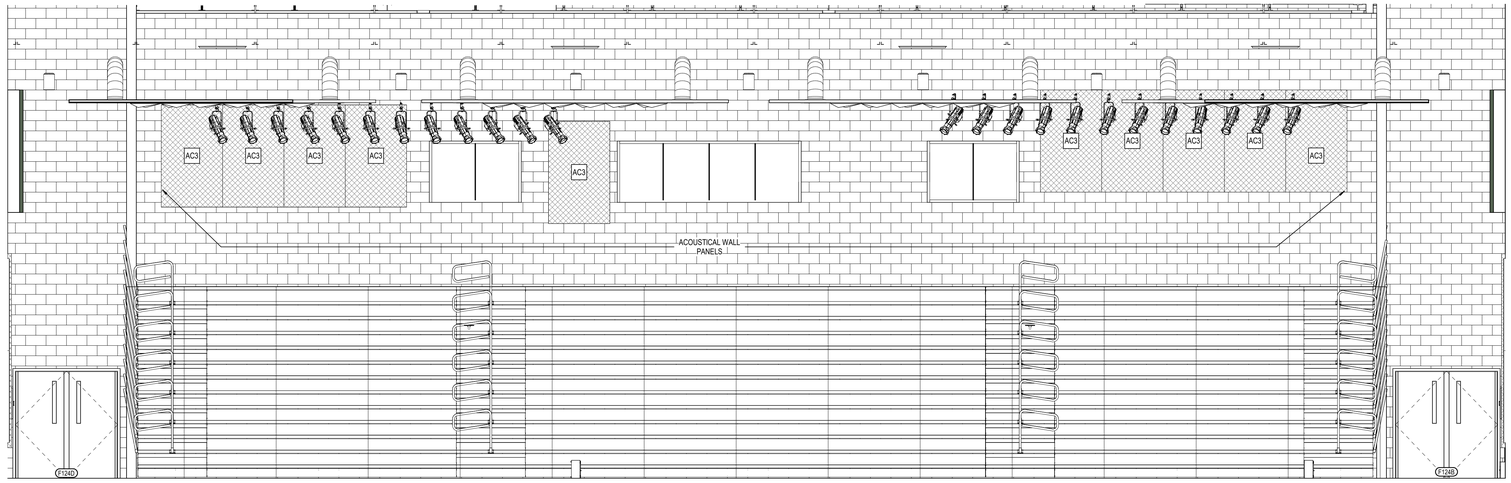
4 A610 HEAD DETAIL AT DIFFUSER BLOCK
SCALE: 1" = 1'-0"



5 A610 SILL DETAIL AT DIFFUSER BLOCK
SCALE: 1" = 1'-0"

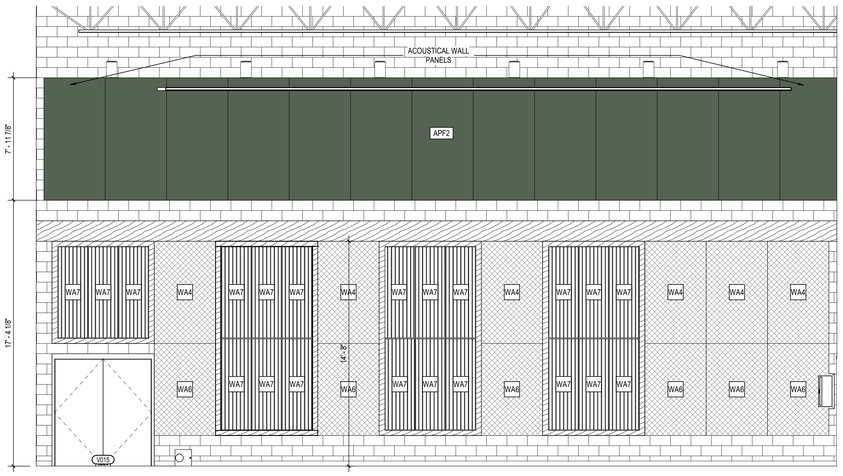


3 A610 PLAN DETAIL AT DIFFUSER BLOCK
SCALE: 1" = 1'-0"



2 A610 FLEX THEATER - EAST
SCALE: 1/4" = 1'-0"

NOTE: ALL CMU IS BURNISHED BLOCK



1 A610 FLEX THEATER - NORTH
SCALE: 1/4" = 1'-0"

NOTE: ALL CMU IS BURNISHED BLOCK

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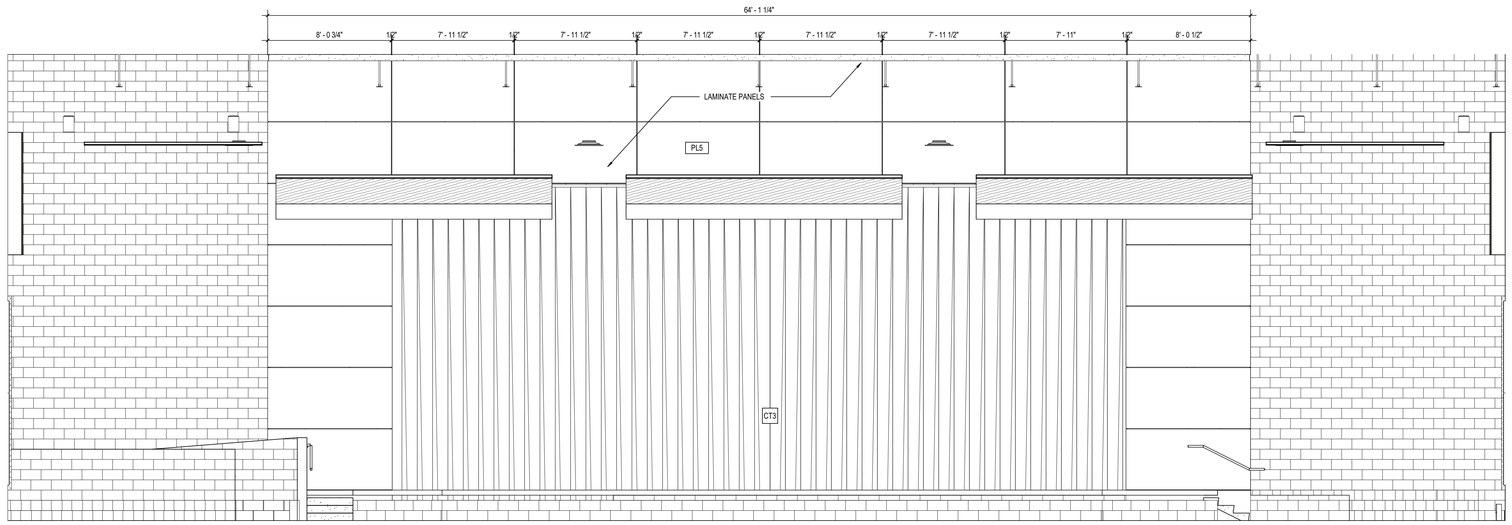
DRAWING TITLE:
INTERIOR ELEVATIONS - FLEX THEATER

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

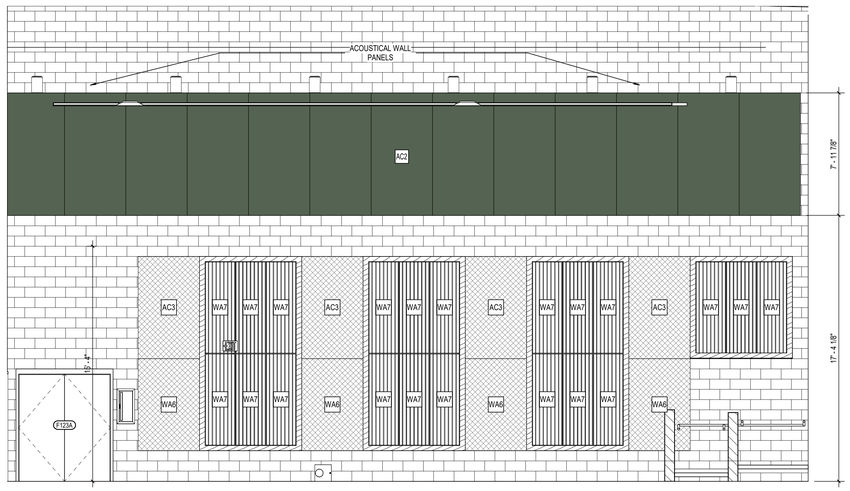
DRAWING NUMBER
A610

PROJECT NUMBER
2023061



2 A611 FLEX THEATER - WEST
SCALE: 1/4" = 1'-0"

NOTE: ALL CMU IS BURNISHED BLOCK



1 A611 FLEX THEATER - SOUTH
SCALE: 1/4" = 1'-0"

ALL CMU IS BURNISHED BLOCK

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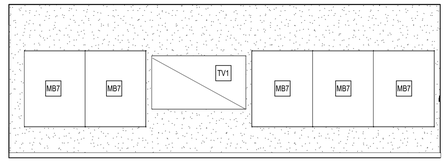
08/09/24	KRK	EHMH

DRAWING TITLE:
INTERIOR ELEVATIONS - FLEX THEATER

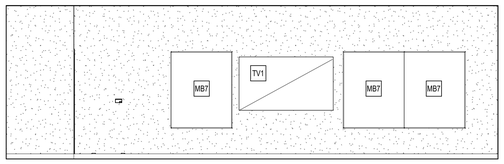
CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A611

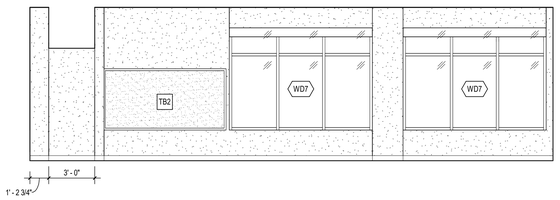
PROJECT NUMBER
2023061



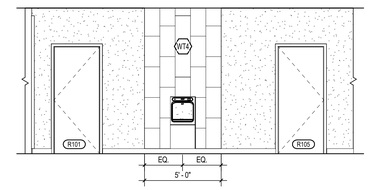
10 A612 FLEX A100 - NORTH
SCALE: 1/4" = 1'-0"



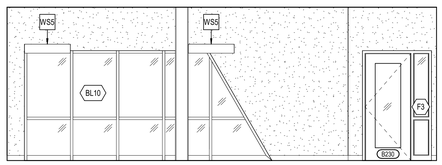
9 A612 COMP. SCIENSE LAB B230 -SOUTH
SCALE: 1/4" = 1'-0"



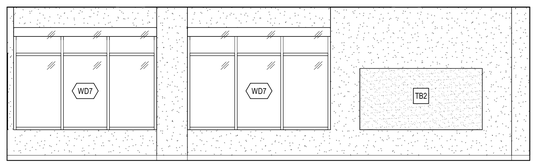
8 A612 FLEX A100 - WEST
SCALE: 1/4" = 1'-0"



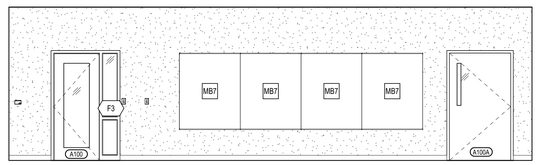
7 A612 INTERIOR ELEVATION - CORRIDOR
SCALE: 1/4" = 1'-0"



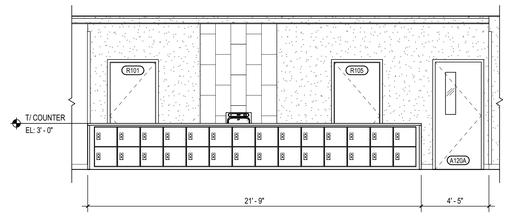
6 A612 COMP. SCIENCE LAB B230 - EAST
SCALE: 1/4" = 1'-0"



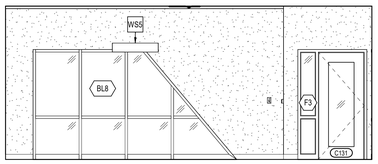
5 A612 FLEX A101 - EAST
SCALE: 1/4" = 1'-0"



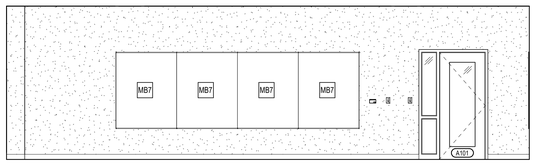
4 A612 FLEX A100 - EAST
SCALE: 1/4" = 1'-0"



3 A612 INTERIOR ELEVATION - CORRIDOR
SCALE: 1/4" = 1'-0"



2 A612 WORLD LANG. C131 - NORTH
SCALE: 1/4" = 1'-0"



1 A612 FLEX A101 - WEST
SCALE: 1/4" = 1'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
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On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

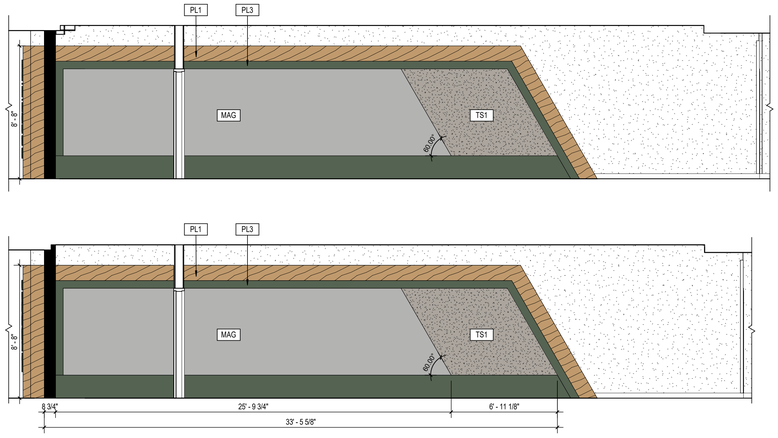
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
INTERIOR ELEVATIONS - ACADEMIC ROOMS

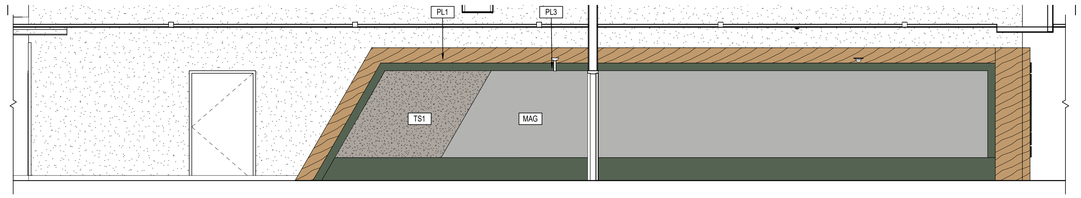
CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

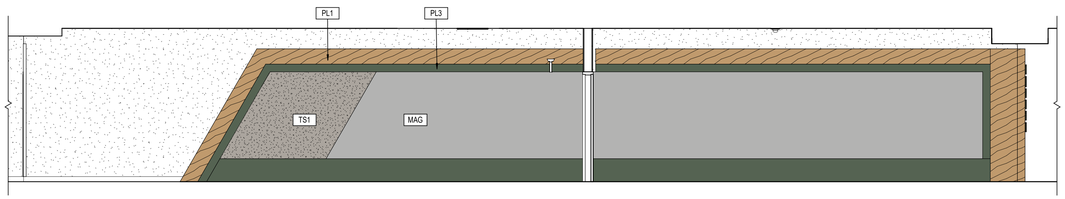
DRAWING NUMBER
A612

PROJECT NUMBER
2023061

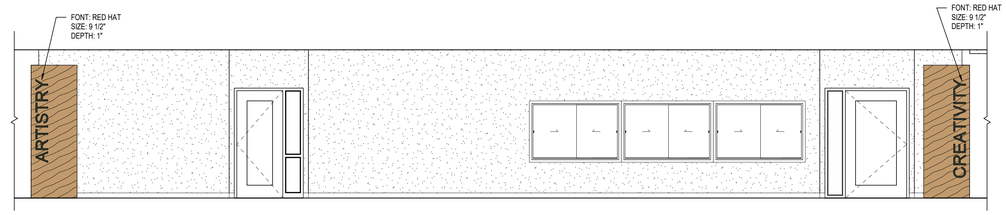


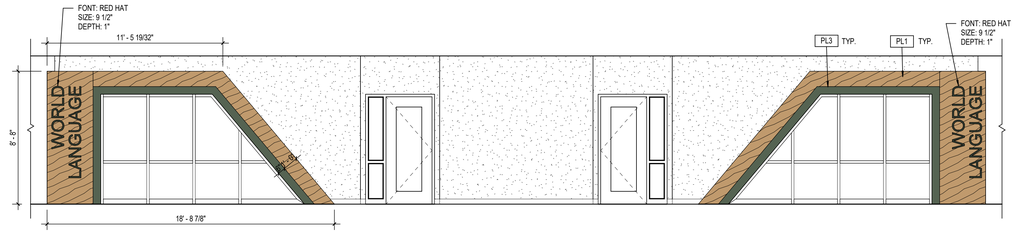
6 A613 INTERIOR ELEVATION - UNIT D TO UNIT C CORRIDOR
SCALE: 1/4" = 1'-0"



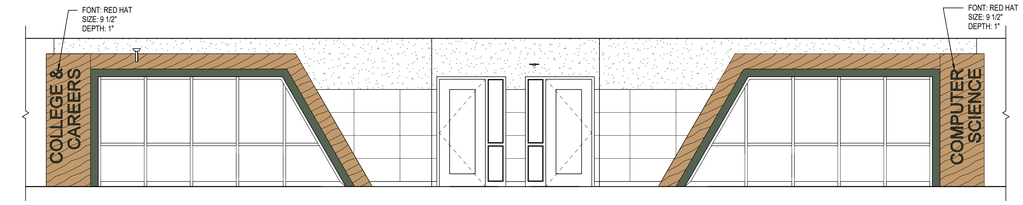


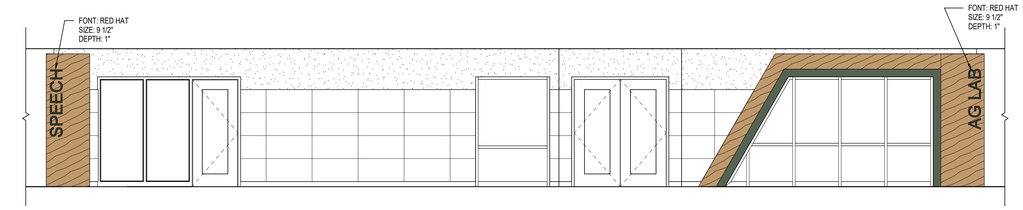
4 A613 INTERIOR ELEVATION - UNIT D TO UNIT B CORRIDOR
SCALE: 1/4" = 1'-0"



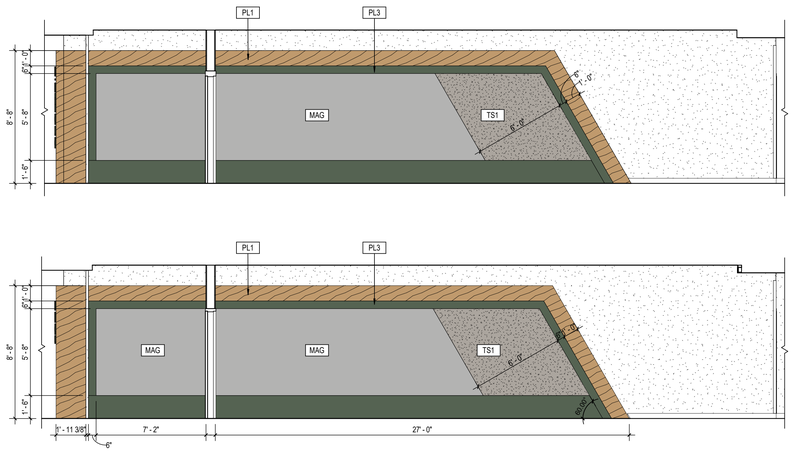


5 A613 INTERIOR ELEVATION - COORIDOR UNIT C
SCALE: 1/4" = 1'-0"

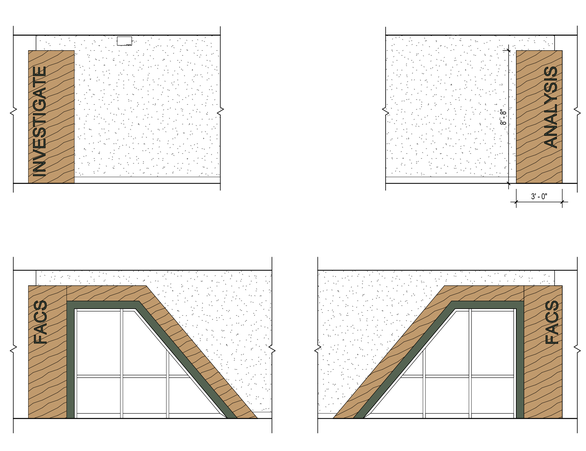




3 A613 INTERIOR ELEVATION - CORRIDOR UNIT B
SCALE: 1/4" = 1'-0"



2 A613 INTERIOR ELEVATION - UNIT D TO UNIT A CORRIDOR
SCALE: 1/4" = 1'-0"



1 A613 INTERIOR ELEVATION - CORRIDOR UNIT A
SCALE: 1/4" = 1'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

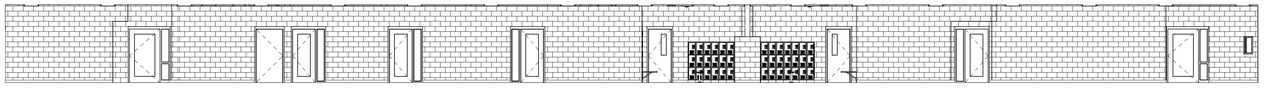
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
INTERIOR ELEVATIONS - ACADEMIC CORR'S TRANSITION

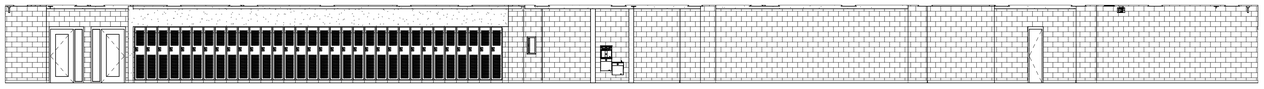
CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A613

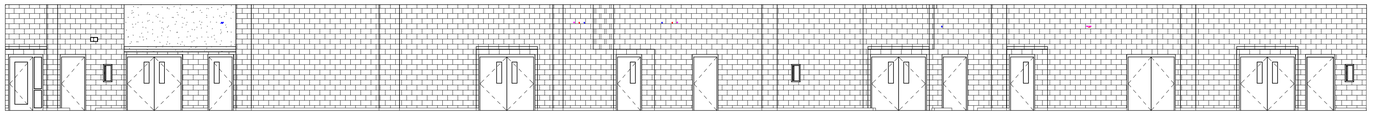
PROJECT NUMBER
2023061



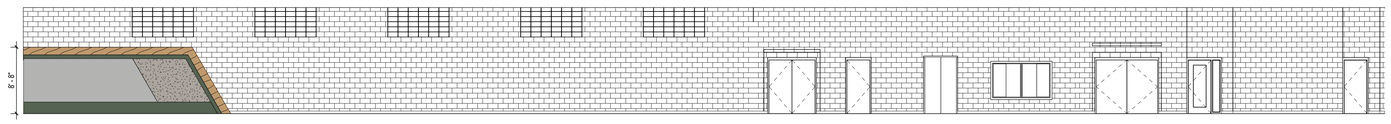
6 A614 CORRIDOR G129
SCALE: 1/8" = 1'-0"



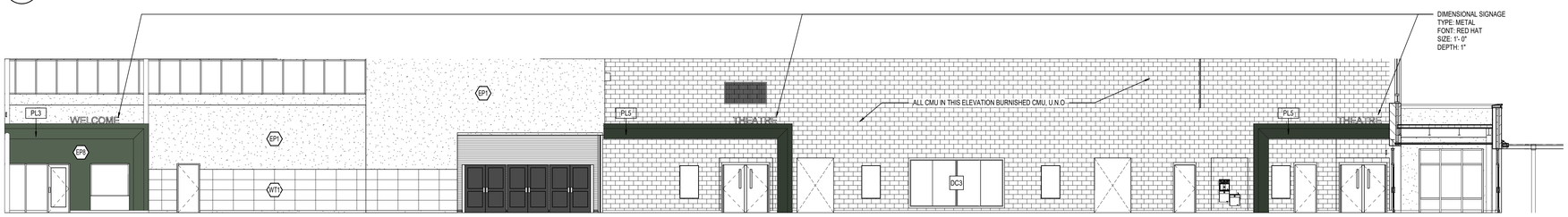
5 A614 CORRIDOR G129
SCALE: 1/8" = 1'-0"



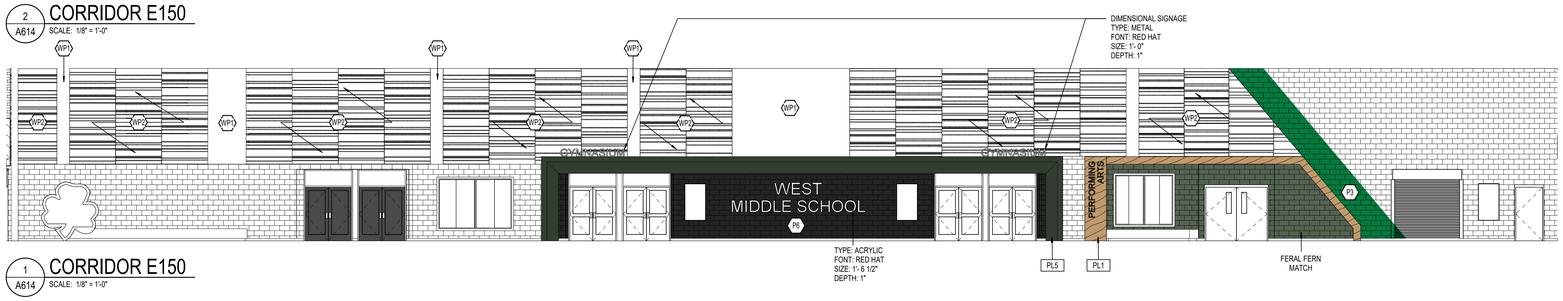
4 A614 CORRIDOR H121
SCALE: 1/8" = 1'-0"



3 A614 CORRIDOR H121
SCALE: 1/8" = 1'-0"



2 A614 CORRIDOR E150
SCALE: 1/8" = 1'-0"



1 A614 CORRIDOR E150
SCALE: 1/8" = 1'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

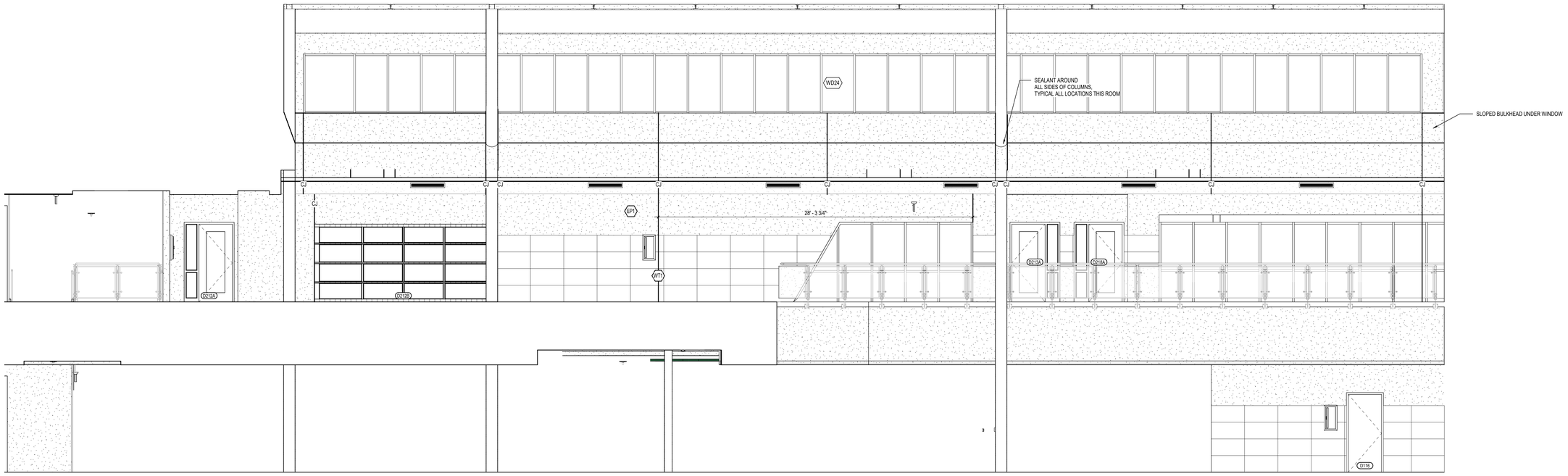
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
INTERIOR ELEVATIONS - ATHLETIC CORRIDOR

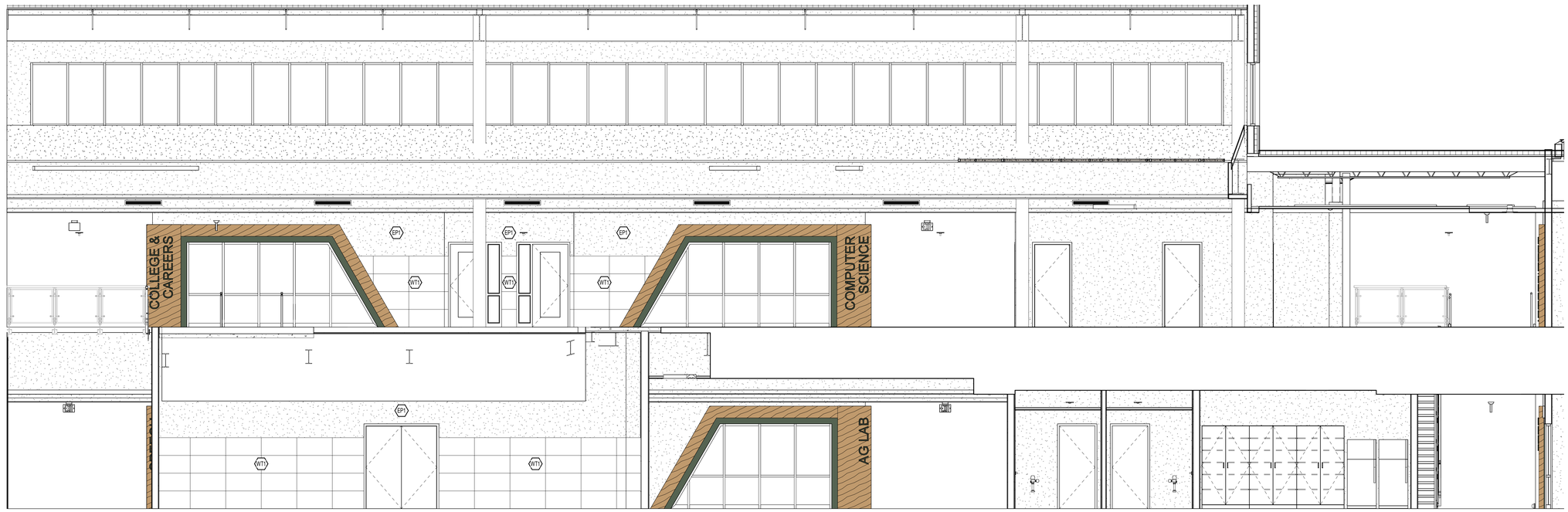
CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A614

PROJECT NUMBER
2023061



1 A615 INTERIOR ELEVATION - MEDIA CENTER - EAST
SCALE: 1/4" = 1'-0"



2 A615 INTERIOR ELEVATION - MEDIA CENTER -WEST
SCALE: 1/4" = 1'-0"

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PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

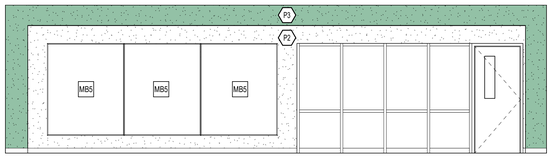
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
INTERIOR ELEVATIONS - MEDIA CENTER

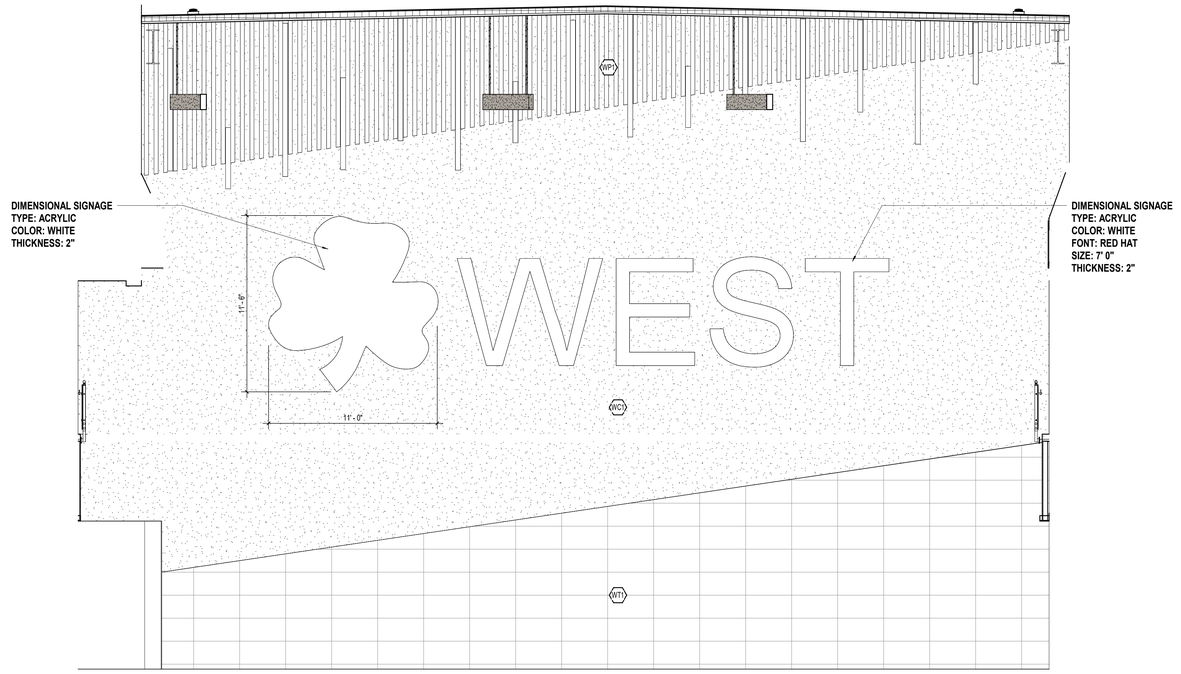
CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A615

PROJECT NUMBER
2023061



2 A616 INTERIOR ELEVATION - MEDIA CENTER - NORTH
SCALE: 1/4" = 1'-0"



1 A616 INTERIOR ELEVATION - MEDIA CENTER - SOUTH
SCALE: 1/4" = 1'-0"

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PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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The Trade Contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

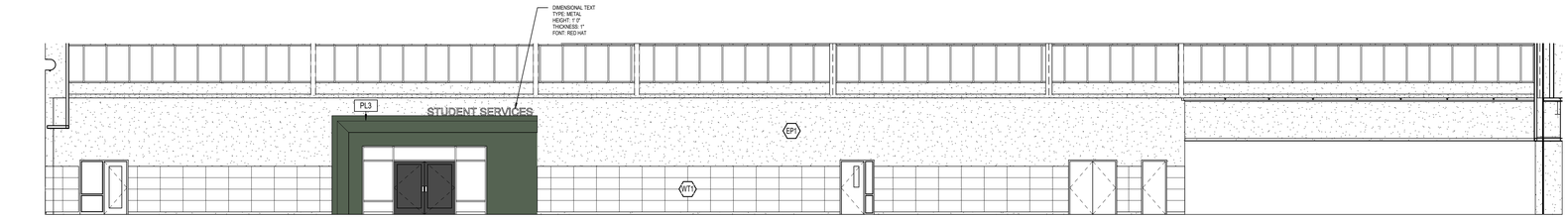
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
INTERIOR ELEVATIONS - MEDIA CENTER

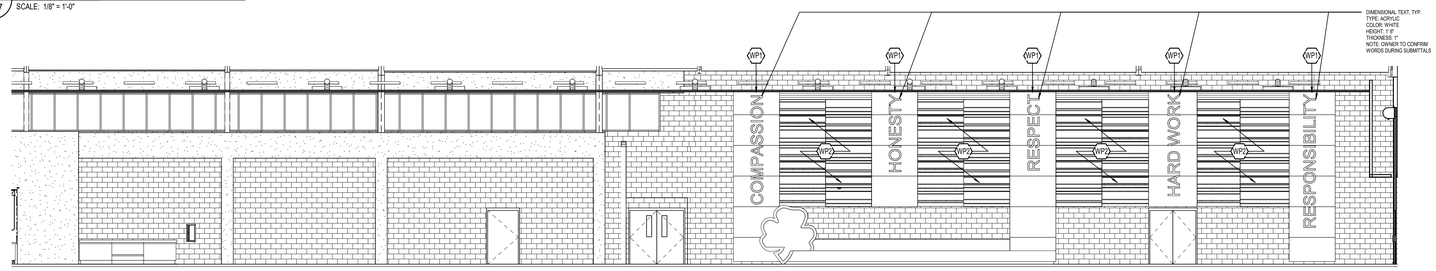
CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A616

PROJECT NUMBER
2023061



2 A617 MAIN CORRIDOR - SOUTH
SCALE: 1/8" = 1'-0"



1 A617 MAIN CORRIDOR - NORTH
SCALE: 1/8" = 1'-0"

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PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
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REVISIONS:

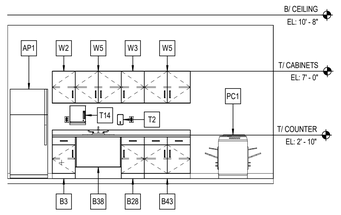
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
INTERIOR ELEVATIONS - MAIN CORRIDOR

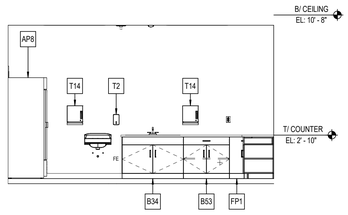
CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A617

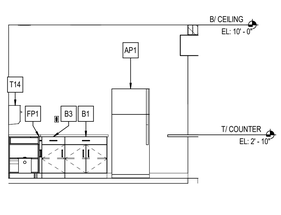
PROJECT NUMBER
2023061



1 A620 PLAN ROOM G107 CASEWORK
SCALE: 1/4" = 1'-0"



2 A620 CONC. G108 CASEWORK
SCALE: 1/4" = 1'-0"



3 A620 CONC. G108 CASEWORK
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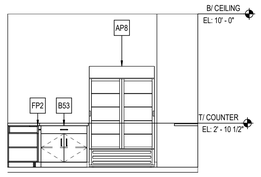
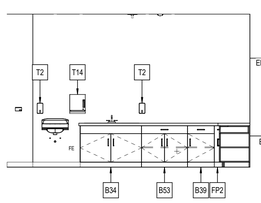
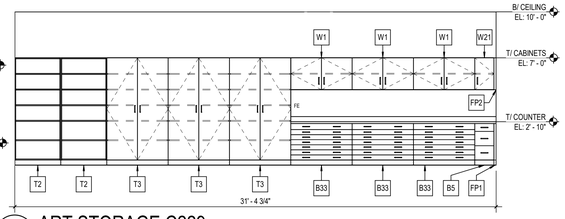


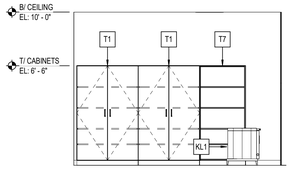
4 A620 CONC. H101 CASEWORK
SCALE: 1/4" = 1'-0"



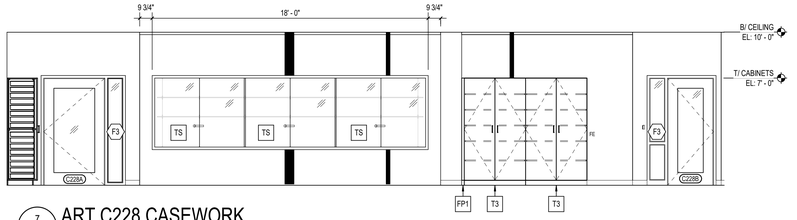
5 A620 CONC. H101 CASEWORK
SCALE: 1/4" = 1'-0"



6 A620 ART STORAGE C229
SCALE: 1/4" = 1'-0"

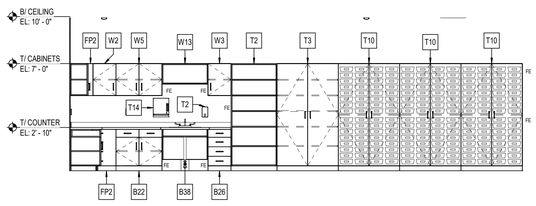


13 A620 KILN D201 CASWORK
SCALE: 1/4" = 1'-0"

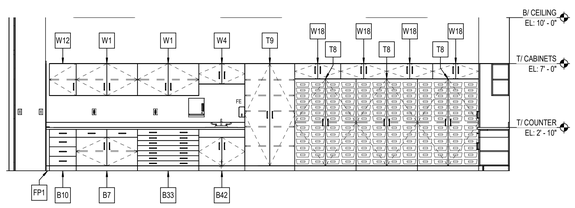


7 A620 ART C228 CASEWORK
SCALE: 1/4" = 1'-0"

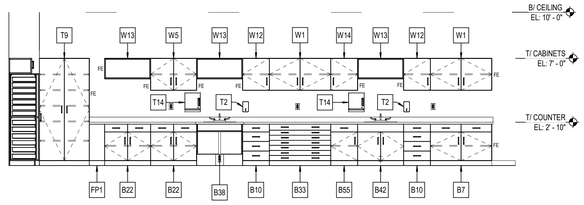
8 A620 ART C228 CASEWORK
SCALE: 1/4" = 1'-0"



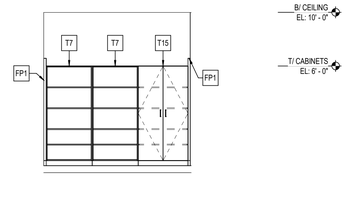
9 A620 ART C228 CASEWORK
SCALE: 1/4" = 1'-0"



10 A620 ART D200 CASEWORK
SCALE: 1/4" = 1'-0"



11 A620 ART D200 CASEWORK
SCALE: 1/4" = 1'-0"



12 A620 ART STORAGE D202
SCALE: 1/4" = 1'-0"

CASEWORK SCHEDULE - ACCESSORIES

Type Mark	Description	Spec. Section	Manufacturer	Model	Size	Type Comments
FP1	BASE CABINET - FILLER PANEL	12 32 16	STEVENS INDUSTRIES	10803	VARIES	
FP2	FILLER PANEL	12 32 16	STEVENS INDUSTRIES	-	VARIES	

CASEWORK SCHEDULE - TALL

Type Mark	Description	Spec. Section	Manufacturer	Model	Size	Type Comments
T1	TALL CASEWORK - 2 DOOR	12 32 16	STEVENS INDUSTRIES	24129	48"Wx78"Hx24"D	
T2	TALL CASEWORK - OPEN FRONT 6 SHELFS	12 32 16	STEVENS INDUSTRIES	25101	36"Wx84"Hx24"D	
T3	TALL CASEWORK - 2 DOOR	12 32 16	STEVENS INDUSTRIES	25129	48"Wx84"Hx24"D	
T4	TALL CASEWORK - 2 DOOR	12 32 16	STEVENS INDUSTRIES	25129	42"Wx84"Hx24"D	
T5	TALL CASEWORK - OPEN FRONT 6 SHELFS	12 32 16	STEVENS INDUSTRIES	25101	27"Wx84"Hx24"D	
T6	TALL CASEWORK - 2 DOOR	12 32 16	STEVENS INDUSTRIES	24129	30"Wx78"Hx24"D	
T7	TALL CASEWORK - OPEN FRONT 6 SHELFS	12 32 16	STEVENS INDUSTRIES	24101	36"Wx78"Hx24"D	
T8	TALL CASEWORK - 2 DOOR	12 32 16	STEVENS INDUSTRIES	24282	48"Wx72"Hx24"D	
T9	TALL CASEWORK - 2 DOOR	12 32 16	STEVENS INDUSTRIES	25129	39"Wx84"Hx24"D	
T10	TALL CASEWORK - 2 DOOR	12 32 16	STEVENS INDUSTRIES	25282	48"Wx84"Hx24"D	
T11	TALL CASEWORK - 2 DOOR	12 32 16	STEVENS INDUSTRIES	25129	48"Wx84"Hx21"D	
T12	TALL CASEWORK - 2 DOOR	12 32 16	STEVENS INDUSTRIES	24129	36"Wx78"Hx18"D	
T13	WALL CABINET - 1 DOOR	12 32 16	STEVENS INDUSTRIES	24121	24"Wx78"Hx18"D	
T14	TALL CASEWORK - 2 DOOR	12 32 16	STEVENS INDUSTRIES	24129	30"Wx84"Hx24"D	
T15	TALL CASEWORK - 2 DOOR	12 32 16	STEVENS INDUSTRIES	24129	30"Wx78"Hx24"D	

CASEWORK SCHEDULE - BASE

Type Mark	Description	Spec. Section	Manufacturer	Model	Size	Type Comments
B1	BASE CABINET - 1 DRAWER AND 2 DOOR	12 32 16	STEVENS INDUSTRIES	10430	33"Wx32"Hx24"D	
B2	BASE CABINET - 1 DRAWER AND 1 DOOR	12 32 16	STEVENS INDUSTRIES	10421	24"Wx32"Hx24"D	
B3	BASE CABINET - 1 DRAWER AND 1 DOOR	12 32 16	STEVENS INDUSTRIES	10422	18"Wx32"Hx24"D	
B4	BASE CABINET - 1 DOOR	12 32 16	STEVENS INDUSTRIES	10478	24"Wx32"Hx24"D	
B5	BASE CABINET - 3 DRAWER	12 32 16	STEVENS INDUSTRIES	10339	15"Wx32"Hx24"D	
B6	BASE CABINET - 1 DRAWER AND 1 DOOR	12 32 16	STEVENS INDUSTRIES	10422	18"Wx35"Hx24"D	
B7	BASE CABINET - 2 DRAWER AND 2 DOOR	12 32 16	STEVENS INDUSTRIES	10432	48"Wx32"Hx24"D	
B8	BASE CABINET - ADA SINK BASE	12 32 16	STEVENS INDUSTRIES	10479	30"Wx24"Hx24"D	
B9	BASE CABINET - 2 DRAWER AND 2 DOOR	12 32 16	STEVENS INDUSTRIES	10432	28"Wx29"Hx24"D	
B10	BASE CABINET - 4 DRAWER	12 32 16	STEVENS INDUSTRIES	10374	21"Wx32"Hx24"D	
B11	BASE CABINET - 2 DOOR	12 32 16	STEVENS INDUSTRIES	10479	42"Wx32"Hx29"D	
B12	BASE CABINET - 1 DRAWER AND 1 DOOR	12 32 16	STEVENS INDUSTRIES	10422	24"Wx32"Hx24"D	
B13	BASE CABINET - 2 DRAWER AND 2 DOOR	12 32 16	STEVENS INDUSTRIES	10432	36"Wx32"Hx29"D	
B14	BASE CABINET - 2 DRAWER AND 2 DOOR	12 32 16	STEVENS INDUSTRIES	10432	36"Wx35"Hx18"D	
B15	BASE CABINET - 4 DRAWER	12 32 16	STEVENS INDUSTRIES	10374	36"Wx35"Hx18"D	
B16	BASE CABINET - 1 DRAWER AND 2 DOOR	12 32 16	STEVENS INDUSTRIES	10430	36"Wx35"Hx24"D	
B17	BASE CABINET - 2 DOOR	12 32 16	STEVENS INDUSTRIES	10479	36"Wx35"Hx24"D	
B18	BASE CABINET - 3 DRAWER	12 32 16	STEVENS INDUSTRIES	10339	18"Wx35"Hx24"D	
B19	BASE CABINET - 1 DRAWER AND 1 DOOR	12 32 16	STEVENS INDUSTRIES	10421	18"Wx35"Hx24"D	
B20	BASE CABINET - 1 DRAWER AND 2 DOOR	12 32 16	STEVENS INDUSTRIES	10430	30"Wx35"Hx24"D	
B21	BASE CABINET - 2 DRAWER AND 2 DOOR	12 32 16	STEVENS INDUSTRIES	10432	30"Wx35"Hx24"D	
B22	BASE CABINET - 2 DRAWER AND 2 DOOR	12 32 16	STEVENS INDUSTRIES	10432	36"Wx35"Hx24"D	
B23	BASE CABINET - 1 DRAWER AND 1 DOOR	12 32 16	STEVENS INDUSTRIES	10421	21"Wx35"Hx24"D	
B24	BASE CABINET - 4 DRAWER	12 32 16	STEVENS INDUSTRIES	10374	24"Wx32"Hx24"D	
B25	BASE CABINET - 1 DRAWER AND OPEN FRONT 1 SHELF	12 32 16	STEVENS INDUSTRIES	10418	36"Wx35"Hx24"D	
B26	BASE CABINET - 4 DRAWER	12 32 16	STEVENS INDUSTRIES	10374	18"Wx32"Hx24"D	
B27	BASE CABINET - 2 DRAWER AND 2 DOOR	12 32 16	STEVENS INDUSTRIES	10432	30"Wx32"Hx24"D	
B28	BASE CABINET - 1 DRAWER AND 1 DOOR	12 32 16	STEVENS INDUSTRIES	10421	18"Wx32"Hx24"D	
B29	BASE CABINET - 1 DOOR	12 32 16	STEVENS INDUSTRIES	10477	24"Wx32"Hx24"D	
B30	BASE CABINET - 2 DOOR	12 32 16	STEVENS INDUSTRIES	10479	36"Wx32"Hx29"D	
B31	BASE CABINET - 3 DRAWER	12 32 16	STEVENS INDUSTRIES	10339	18"Wx35"Hx24"D	
B32	BASE CABINET - 1 DRAWER AND 1 DOOR	12 32 16	STEVENS INDUSTRIES	10659	21"Wx32"Hx24"D	
B33	BASE CABINET - 7 DRAWER	12 32 16	STEVENS INDUSTRIES	10405	42"Wx35"Hx24"D	
B34	BASE CABINET - 2 DOOR	12 32 16	STEVENS INDUSTRIES	10479	48"Wx32"Hx24"D	
B35	BASE CABINET - 1 DRAWER AND 1 DOOR	12 32 16	STEVENS INDUSTRIES	10422	21"Wx35"Hx24"D	
B36	BASE CABINET - 1 DRAWER AND OPEN FRONT 1 SHELF	12 32 16	STEVENS INDUSTRIES	10728	30"Wx32"Hx24"D	
B37	BASE CABINET - 4 DRAWER	12 32 16	STEVENS INDUSTRIES	10370	18"Wx32"Hx24"D	
B38	BASE CABINET - ADA SINK BASE	12 32 16	STEVENS INDUSTRIES	10479	36"Wx24"Hx24"D	
B39	BASE CABINET - 1 DRAWER AND 1 DOOR	12 32 16	STEVENS INDUSTRIES	10421	21"Wx32"Hx24"D	
B40	BASE CABINET - 1 DRAWER AND 1 DOOR	12 32 16	STEVENS INDUSTRIES	10659	21"Wx35"Hx24"D	
B41	BASE CABINET - 1 DRAWER AND 1 DOOR	12 32 16	STEVENS INDUSTRIES	10422	15"Wx32"Hx24"D	
B42	BASE CABINET - 2 DOOR	12 32 16	STEVENS INDUSTRIES	10479	36"Wx32"Hx24"D	
B43	BASE CABINET - 2 DRAWER AND 2 DOOR	12 32 16	STEVENS INDUSTRIES	10432	36"Wx32"Hx24"D	
B44	BASE CABINET - 1 DRAWER AND 2 DOOR	12 32 16	STEVENS INDUSTRIES	10430	30"Wx32"Hx24"D	
B45	BASE CABINET - 4 DRAWER	12 32 16	STEVENS INDUSTRIES	10324	18"Wx54"Hx18"D	
B46	BASE CABINET - 3 DRAWER	12 32 16	STEVENS INDUSTRIES	10339	15"Wx32"Hx24"D	
B47	BASE CABINET - 3 DRAWER	12 32 16	STEVENS INDUSTRIES	10339	18"Wx35"Hx24"D	
B48	BASE CABINET - 1 DRAWER AND OPEN FRONT 1 SHELF	12 32 16	STEVENS INDUSTRIES	10728	30"Wx34"Hx24"D	
B53	BASE CABINET - 1 DRAWER AND 2 DOOR	12 32 16	STEVENS INDUSTRIES	10430	36"Wx32"Hx24"D	
B54	BASE CABINET - 1 DRAWER AND 1 DOOR	12 32 16	STEVENS INDUSTRIES	10421	15"Wx32"Hx24"D	
B55	BASE CABINET - 1 DRAWER AND 1 DOOR	12 32 16	STEVENS INDUSTRIES	10422	21"Wx32.5"Hx24"D	
B56	BASE CABINET - 1 DRAWER AND 2 DOOR	12 32 16	STEVENS INDUSTRIES	10430	30"Wx28.5"Hx24"D	
B57	BASE CABINET - 2 DRAWER	12 32 16	STEVENS INDUSTRIES	10318	27"Wx28.5"Hx24"D	
B58	BASE CABINET - 1 DRAWER AND 2 DOOR	12 32 16	STEVENS INDUSTRIES	10430	30"Wx28.5"Hx24"D	
B59	BASE CABINET - OPEN FRONT 1 SHELF	12 32 16	STEVENS INDUSTRIES	10101	21"Wx29"Hx24"D	
B60	BASE CABINET - OPEN FRONT 1 SHELF	12 32 16	STEVENS INDUSTRIES	10101	42"Wx28.5"Hx24"D	

CASEWORK SCHEDULE - WALL

Type Mark	Description	Spec. Section	Manufacturer	Model	Size	Type Comments
W1	WALL CABINET - 2 DOOR	12 32 16	STEVENS INDUSTRIES	15129	48"Wx25"Hx14"D	
W2	WALL CABINET - 1 DOOR	12 32 16	STEVENS INDUSTRIES	15121	18"Wx25"Hx14"D	
W3	WALL CABINET - 1 DOOR	12 32 16	STEVENS INDUSTRIES	15120	18"Wx25"Hx14"D	
W4	WALL CABINET - 2 DOOR	12 32 16	STEVENS INDUSTRIES	15129	36"Wx16"Hx14"D	
W5	WALL CABINET - 2 DOOR	12 32 16	STEVENS INDUSTRIES	15129	36"Wx25"Hx14"D	
W6	WALL CABINET - 2 DOOR	12 32 16	STEVENS INDUSTRIES	15129	36"Wx12"Hx14"D	
W7	WALL CABINET - OPEN FRONT 27 SHELFS	12 32 16	STEVENS INDUSTRIES	15251	36"Wx36"Hx14"D	
W8	WALL CABINET - 2 DOOR	12 32 16	STEVENS INDUSTRIES	15129	30"Wx25"Hx14"D	
W9	WALL CABINET - 2 DOOR	12 32 16	STEVENS INDUSTRIES	15129	30"Wx18"Hx14"D	
W10	WALL CABINET - 1 GLASS DOOR	12 32 16	STEVENS INDUSTRIES	15131	18"Wx25"Hx14"D	
W11	WALL CABINET - 1 GLASS DOOR	12 32 16	STEVENS INDUSTRIES	15130	18"Wx25"Hx14"D	
W12	WALL CABINET - 1 DOOR	12 32 16	STEVENS INDUSTRIES	15121	21"Wx25"Hx14"D	
W13	WALL CABINET - OPEN FRONT 1 SHELF	12 32 16	STEVENS INDUSTRIES	15101	36"Wx16"Hx14"D	
W14	WALL CABINET - 1 DOOR	12 32 16	STEVENS INDUSTRIES	15120	21"Wx25"Hx14"D	
W15	WALL CABINET - 1 GLASS DOOR	12 32 16	STEVENS INDUSTRIES	15131	24"Wx25"Hx14"D	
W16	WALL CABINET - OPEN FRONT 1 SHELF	12 32 16	STEVENS INDUSTRIES	15101	24"Wx16"Hx14"D	
W17	WALL CABINET - 2 DOOR	12 32 16	STEVENS INDUSTRIES	15129	30"Wx12"Hx14"D	
W18	WALL CABINET - 2 DOOR	12 32 16	STEVENS INDUSTRIES	15129	36"Wx12"Hx18"D	
W19	WALL CABINET - 2 DOOR	12 32 16	STEVENS INDUSTRIES	15129	33"Wx25"Hx14"D	
W20	WALL CABINET - 2 DOOR	12 32 16	STEVENS INDUSTRIES	15121	12"Wx25"Hx14"D	
W21	WALL CABINET - 1 DOOR	12 32 16	STEVENS INDUSTRIES	15121	15"Wx25"Hx14"D	
W22	WALL CABINET - 1 DOOR	12 32 16	STEVENS INDUSTRIES	15121	21"Wx25"Hx14"D	
W23	WALL CABINET - 2 DOOR	12 32 16	STEVENS INDUSTRIES	15129	24"Wx25"Hx14"D	
W24	WALL CABINET - 2 DOOR AND 1 OPEN FRONT SHELF	12 32 16	STEVENS INDUSTRIES	15149	36"Wx30"Hx14"D	
W25	WALL CABINET - OPEN FRONT 3 SHELVES	12 32 16	STEVENS INDUSTRIES	15312	60"Wx48"Hx17"D	
W26	WALL CABINET - 1 DOOR	12 32 16	STEVENS INDUSTRIES	15120	24"Wx25"Hx14"D	
W27	WALL CABINET - 2 DOOR	12 32 16	STEVENS INDUSTRIES	15129	42"Wx25"Hx14"D	
W28	WALL CABINET - 1 DOOR	12 32 16	STEVENS INDUSTRIES	15211	25"Wx25"Hx14"D	

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of construction and materials to be employed.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the Contractor shall furnish all labor and materials required for the proper execution and completion of the work.

REVISIONS:

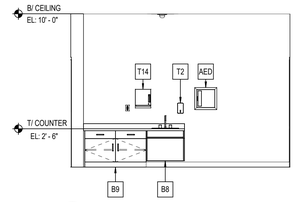
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
CASEWORK ELEVATIONS

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A620

PROJECT NUMBER
2023061



2 A621 CLINIC E125 CASEWORK
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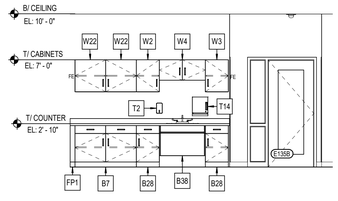

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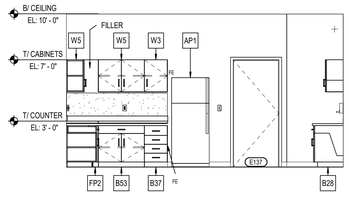

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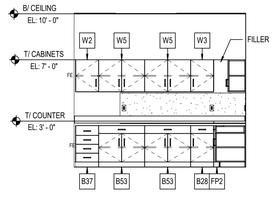

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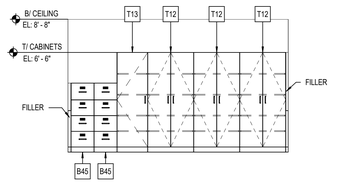

6 A621 CLINIC STORAGE E137
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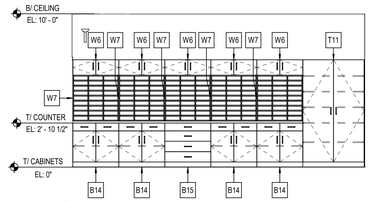

9 A621 MAIL BOXES
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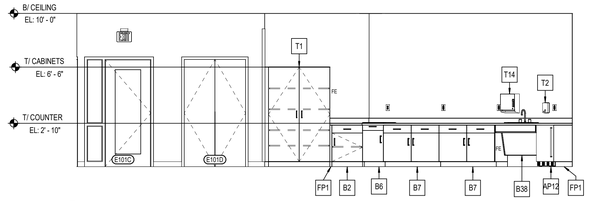

7 A621 ADMIN CASEWORK
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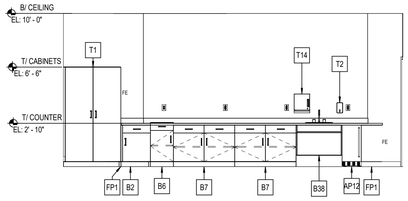

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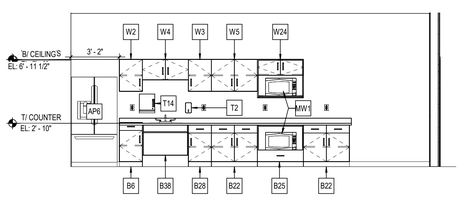

27 A621 STAFF ROOM E120 CASEWORK
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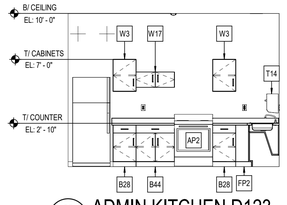

25 A621 ADMIN KITCHEN D123
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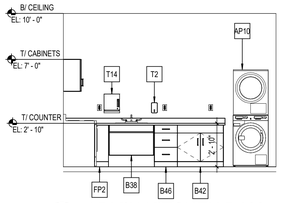

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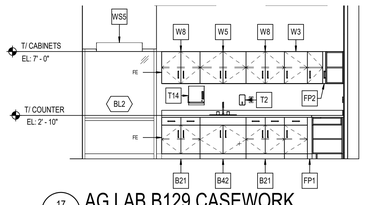

17 A621 AG LAB B129 CASEWORK
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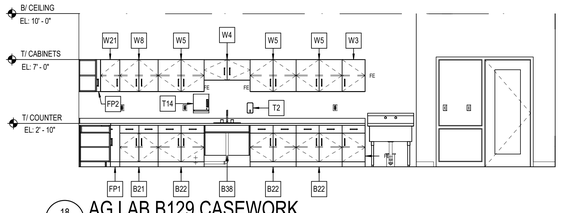

18 A621 AG LAB B129 CASEWORK
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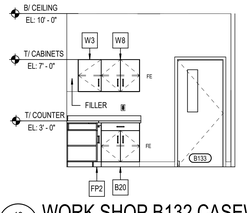

19 A621 WORK SHOP B132 CASEWORK
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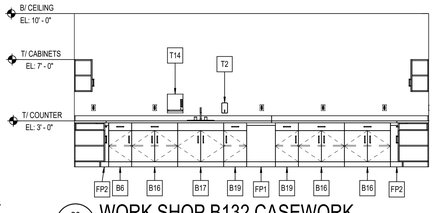

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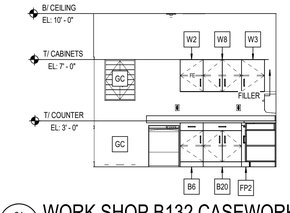

21 A621 WORK SHOP B132 CASEWORK
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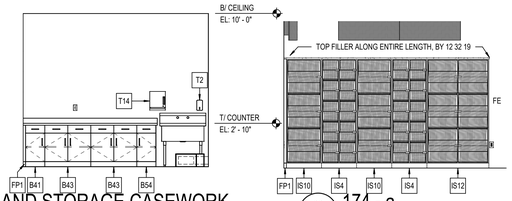

10 A621 BAND STORAGE CASEWORK
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11 A621 174 - a
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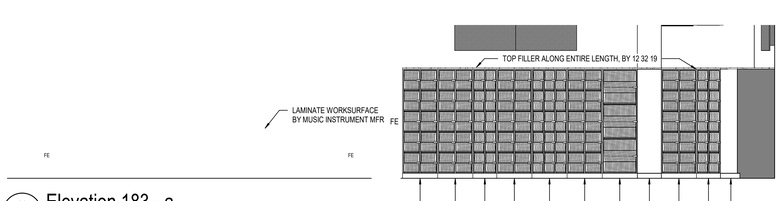

28 A621 Elevation 183 - a
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30 A621 Elevation 185 - a
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24 A621 BAND CASEWORK
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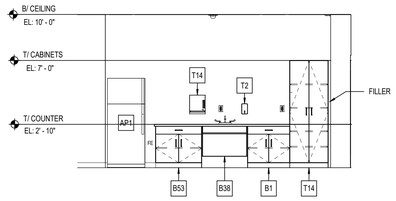

22 A621 TRAINER G115 CASEWORK
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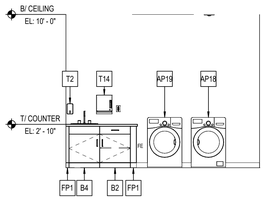

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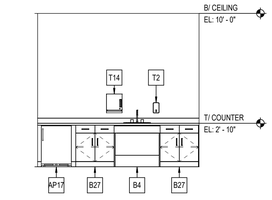

13 A621 MOTHERS ROOM CASEWORK
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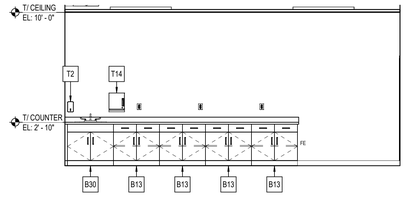

29 A621 WORK ROOM D209 CASEWORK
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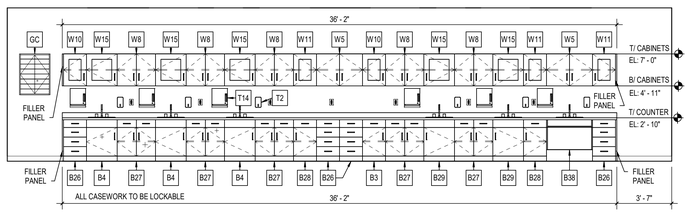

14 A621 LAB A118 - NORTH
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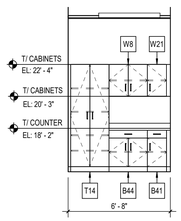

15 A621 PREP C219A - WEST
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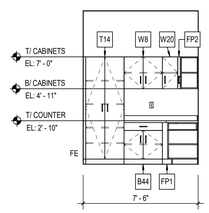

12 A621 PREP A119 - EAST
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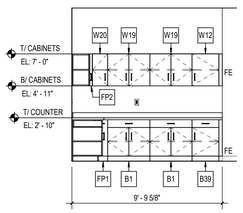

16 A621 PREP A119 - SOUTH
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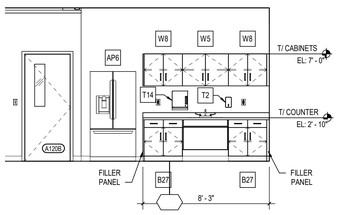

31 A621 PLANNING A120 - EAST KITCHENETTE
SCALE: 1/4" = 1'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

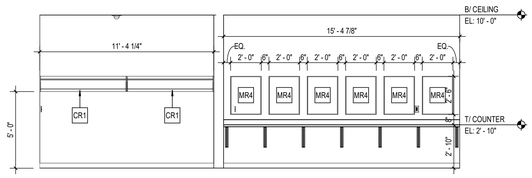
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
CASEWORK ELEVATIONS

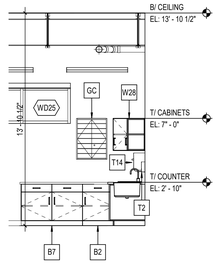
CERTIFIED BY:
BRENTON C. HAAS
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A621

PROJECT NUMBER
2023061



5 A622 DRESSING ROOM F121 CASEWORK
SCALE: 1/4" = 1'-0"



4 A622 PLTW LAB CASEWORK
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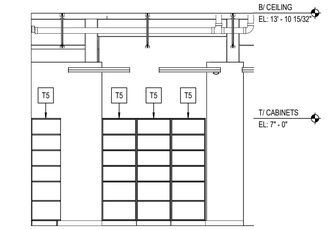

6 A622 PLTW LAB CASEWORK
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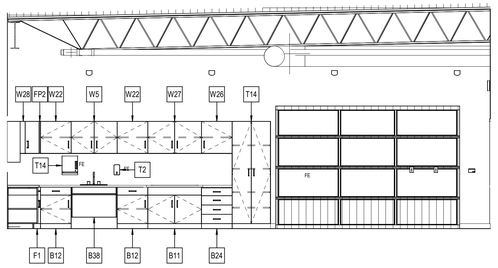

3 A622 PLTW LAB CASEWORK
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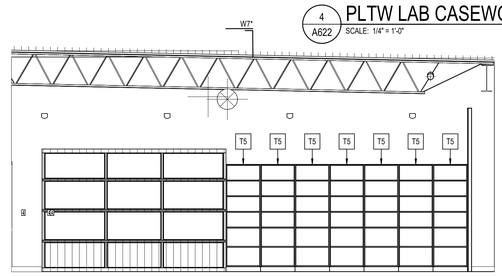

2 A622 PLTW LAB CASEWORK
SCALE: 1/4" = 1'-0"

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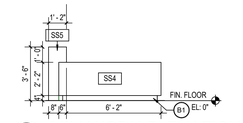
08/09/24	KRK	EHMH

DRAWING TITLE:
CASEWORK ELEVATIONS

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A622

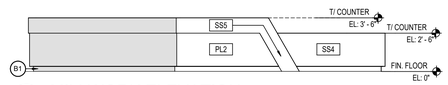
PROJECT NUMBER
2023061



25 A623 MILLWORK ELEVATION
SCALE: 1/4" = 1'-0"



24 A623 MILLWORK ELEVATION
SCALE: 1/4" = 1'-0"



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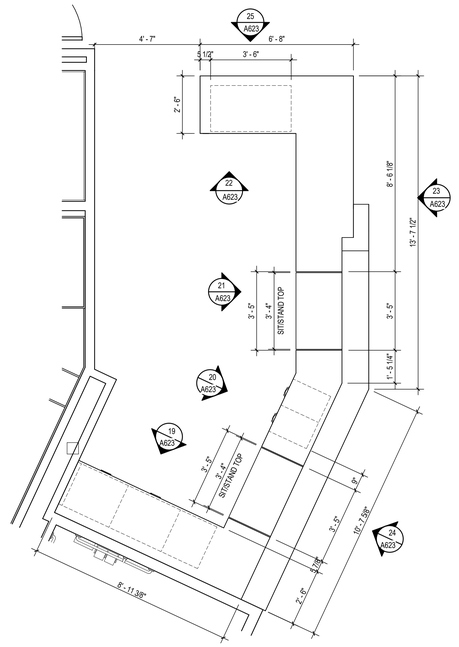

18 A623 ENLARGED RECEPTION DESK PLAN - ADMIN
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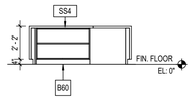

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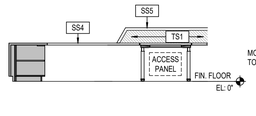

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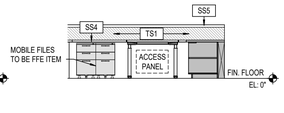

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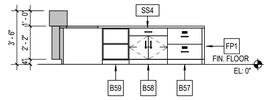

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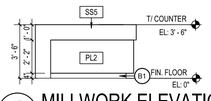
SCALE: 1/4" = 1'-0"



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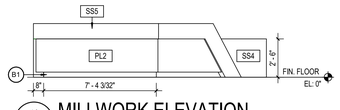

16 A623 MILLWORK ELEVATION
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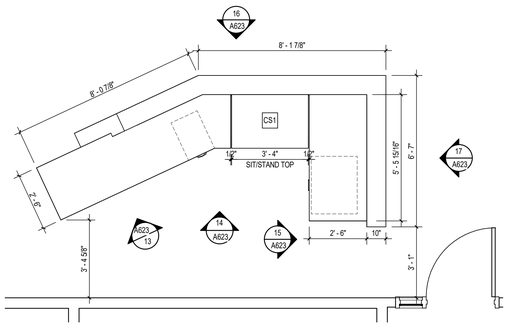

12 A623 ENLARGED DESK PLAN - STUDENT SERVICES
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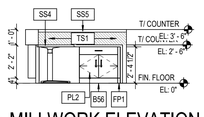

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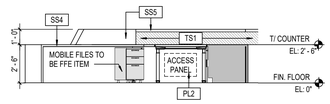
SCALE: 1/4" = 1'-0"



14 A623 MILLWORK ELEVATION
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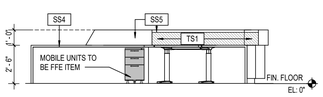

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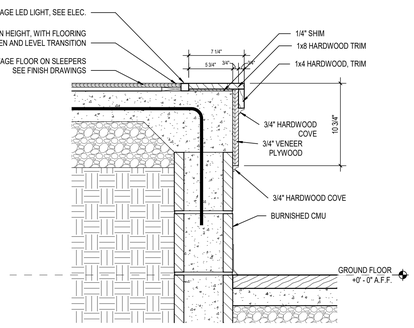
SCALE: 1/4" = 1'-0"



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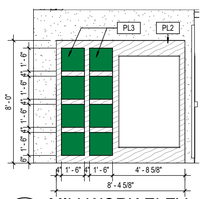
SCALE: 1 1/2" = 1'-0"



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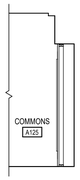

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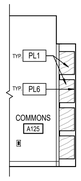
SCALE: 1/4" = 1'-0"



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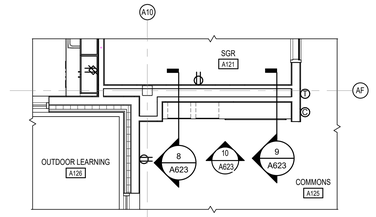
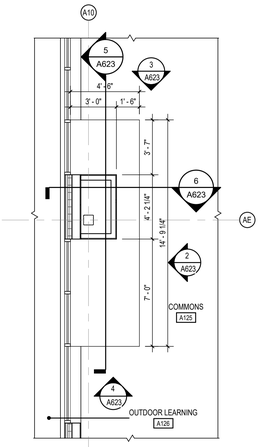
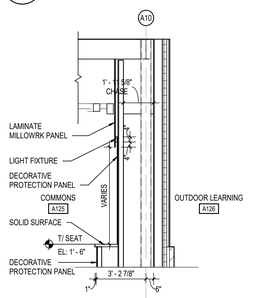
SCALE: 1/4" = 1'-0"



7 A623 MILLWORK PLAN
SCALE: 1/4" = 1'-0"



1 A623 ENLARGED PLAN - COMMONS, TYP.
SCALE: 1/4" = 1'-0"



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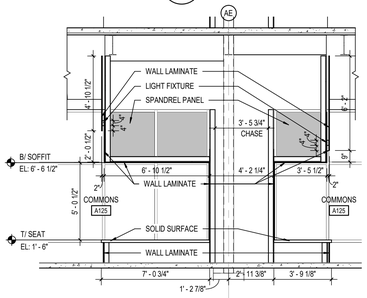
SCALE: 1/4" = 1'-0"



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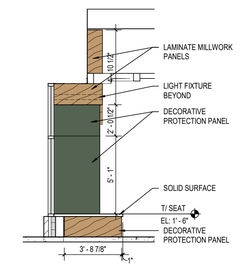
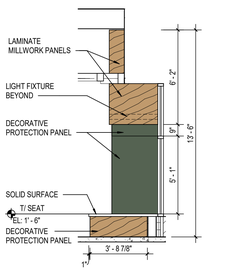


4 A623 MILLWORK ELEV.
SCALE: 1/4" = 1'-0"



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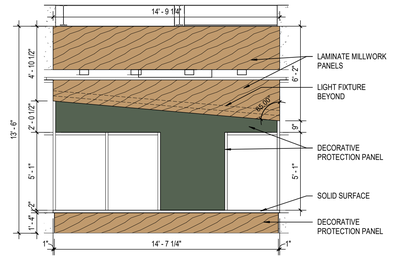
SCALE: 1/4" = 1'-0"



2 A623 MILLWORK ELEV.
SCALE: 1/4" = 1'-0"

1 A623 ENLARGED PLAN - COMMONS, TYP.
SCALE: 1/4" = 1'-0"

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REVISIONS:

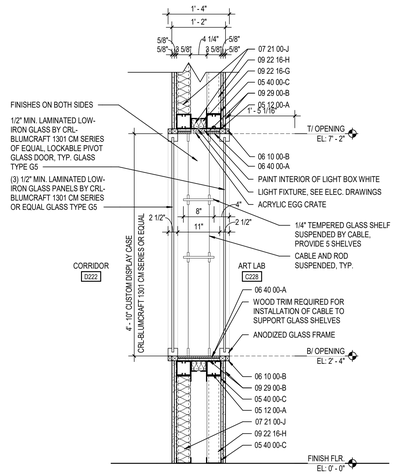
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
MILLWORK PLANS, ELEVATIONS, AND DETAILS

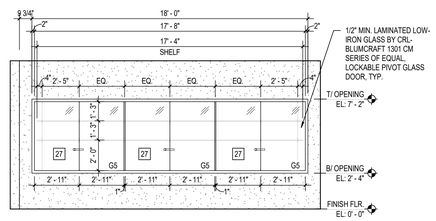
CERTIFIED BY:
BRENTON C. HO
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A623

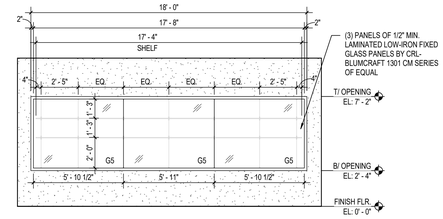
PROJECT NUMBER
2023061



4 A624 SECTION - ART LAB C228 - DISPLAY CASE
SCALE: 3/4" = 1'-0"



3 A624 INTERIOR ELEVATION - DISPLAY CASE
SCALE: 1/4" = 1'-0"



2 A624 INTERIOR ELEVATION - DISPLAY CASE
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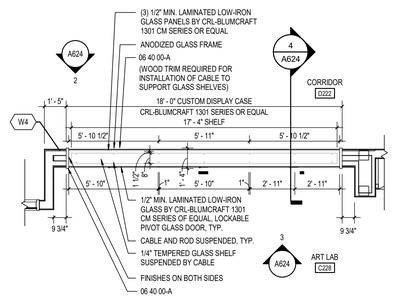

1 A624 ENLARGED PLAN - ART LAB C228 - DISPLAY CASE
SCALE: 1/4" = 1'-0"

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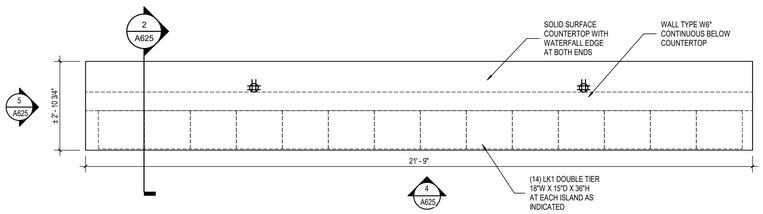
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	Author	Checker

DRAWING TITLE:
MILLWORK PLANS, ELEVATIONS, AND DETAILS

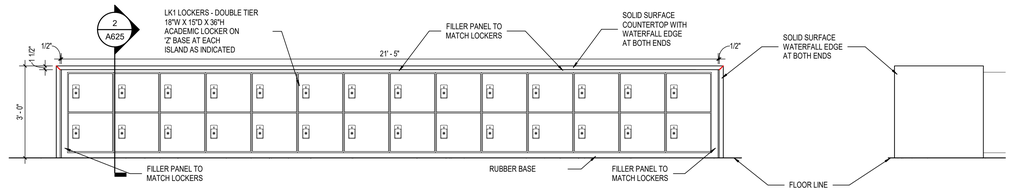
CERTIFIED BY:
BRENT C. HOTT
REGISTERED
No. AR.11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A624

PROJECT NUMBER
2023061

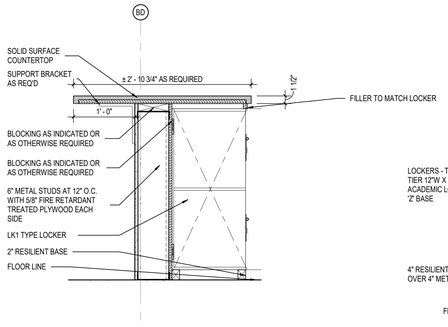


1 A625 LOCKER COMMONS ISLAND ENLARGED PLAN
SCALE: 1/2" = 1'-0"

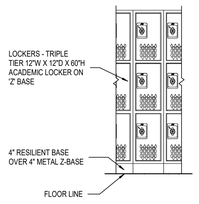


4 A625 LOCKER COMMONS ISLAND ELEVATION - LK1 TYP.
SCALE: 1/2" = 1'-0"

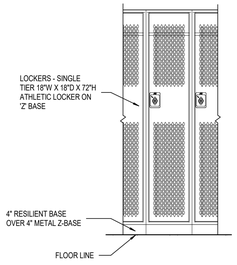
5 A625 LOCKER COMMONS ISLAND ELEVATION
SCALE: 1/2" = 1'-0"



2 A625 LOCKER COMMONS ISLAND SECTION
SCALE: 1" = 1'-0"



14 A625 LK3
SCALE: 1/2" = 1'-0"



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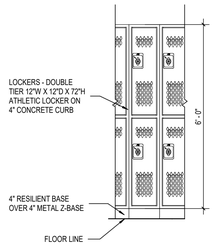
SCALE: 1/2" = 1'-0"



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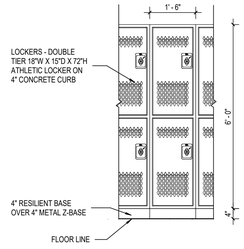

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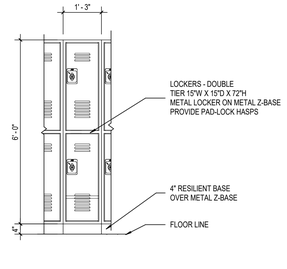

6 A625 LK7
SCALE: 1/2" = 1'-0"

3 A625 CLASSROOM CORRIDOR ENLARGED PLAN, TYP.
SCALE: 1/2" = 1'-0"

12 A625 LK2 - CLASSROOMS CORRIDORS, TYP.
SCALE: 1/2" = 1'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. The drawings and specifications are intended to describe all work required for full performance and completion of the requirements of the Contract.
Where not specifically limited to scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

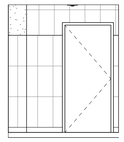
DRAWING TITLE:
LOCKER DETAILS

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

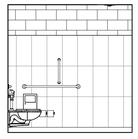
DRAWING NUMBER
A625

PROJECT NUMBER
2023061

TOILET ACCESSORY SCHEDULE						
TYPE MARK	ITEM DESCRIPTION	MANUFACTURER	MODEL #	MOUNTING HEIGHT	Installed By	Furnished By
AD1	24" x 24" ACCESS PANEL	NYSTROM	24x24	STAINLESS STEEL	CONTRACTOR	CONTRACTOR
MR4	FRAMELESS MIRROR	BOBRICK	24"x30"	MOUNT 10" AFF COUNTER	CONTRACTOR	CONTRACTOR
T1	TOILET TISSUE DISPENSER - SURFACE MOUNTED	BY OWNER	-	MOUNT AS REQUIRED FOR ADA. COORDINATE LOCATION WITH GRAB BARS.	CONTRACTOR	OWNER
T2	SOAP DISPENSER - SURFACE MOUNTED	BY OWNER	-	MOUNT AS REQUIRED FOR ADA	CONTRACTOR	OWNER
T3	FRAMED MIRROR	BOBRICK	48"x96"	MOUNT 4" AFF	CONTRACTOR	CONTRACTOR
T4	GRAB BAR - 36"	BOBRICK	B-5806	MOUNT @ 34" ADA HEIGHT	CONTRACTOR	CONTRACTOR
T5	GRAB BAR - 42"	BOBRICK	<varies>	<varies>	CONTRACTOR	CONTRACTOR
T6	GRAB BAR - 18"	BOBRICK	<varies>	BOTTOM @ 40" A.F.F. INSTALLED VERTICALLY	CONTRACTOR	CONTRACTOR
T7	SANITARY NAPKIN DISPOSAL - SURFACE MOUNTED	BOBRICK	B-270	<varies>	CONTRACTOR	CONTRACTOR
T8	MIRROR 18"x36"	BOBRICK	B-165-1836	MOUNT AS REQUIRED FOR ADA.	CONTRACTOR	CONTRACTOR
T9	URINAL SCREEN	SEE SPEC #10 21 13	-	-	CONTRACTOR	CONTRACTOR
T10	FOLDING SHOWER SEAT	BOBRICK	B-517 OR B-518	MOUNT AS REQUIRED FOR ADA. SEE PLANS FOR ORIENTATION.	CONTRACTOR	CONTRACTOR
T11	SHOWER ROD, CURTAIN AND STAINLESS STEEL HOOKS	BOBRICK	B-6047, B-204-2	-	CONTRACTOR	CONTRACTOR
T12	CONTINUOUS SHOWER GRAB BAR	BOBRICK	B-6861	MOUNT AS REQUIRED FOR ADA.	CONTRACTOR	CONTRACTOR
T13	TOILET PARTITION	SEE SPEC #10 21 13	-	-	CONTRACTOR	CONTRACTOR
T14	PAPER TOWEL DISPENSER	BY OWNER	-	-	CONTRACTOR	OWNER
T15	<varies>	BOBRICK	<varies>	-	CONTRACTOR	CONTRACTOR



6 A701 RESTROOM R111 ELEV. - WEST
SCALE: 1/4" = 1'-0"



3 A701 RESTROOM R111 ELEV. - SOUTH
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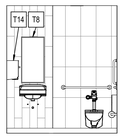
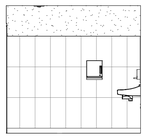


11 A701 RESTROOM R111 ELEV. - EAST
SCALE: 1/4" = 1'-0"



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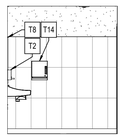

16 A701 RESTROOM R112 ELEV. - WEST
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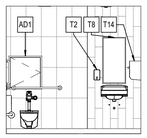

15 A701 RESTROOM R112 ELEV. - SOUTH
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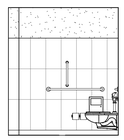
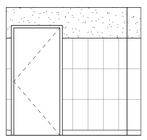
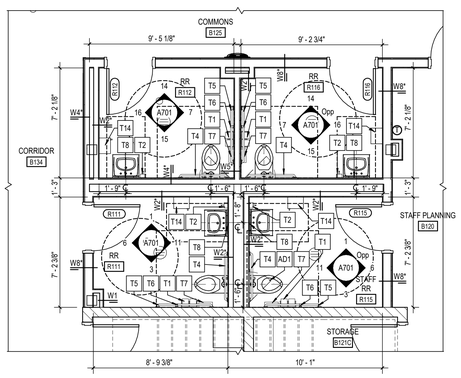


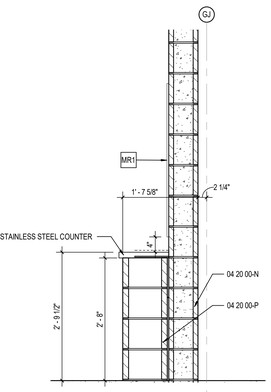
7 A701 RESTROOM R112 ELEV. - EAST
SCALE: 1/4" = 1'-0"



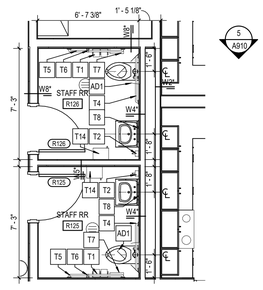
14 A701 RESTROOM R112 ELEV. - NORTH
SCALE: 1/4" = 1'-0"



17 A701 ENLARGED CLASSROOM RESTROOM PLAN - TYP.
SCALE: 1/4" = 1'-0"



18 A701 SHELF IN LOCKER ROOM
SCALE: 3/4" = 1'-0"



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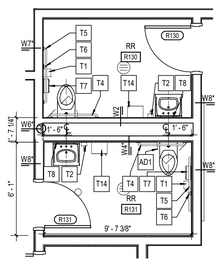
SCALE: 1/4" = 1'-0"



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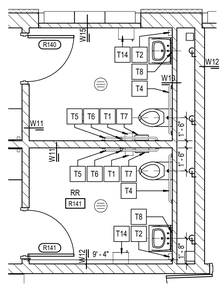
SCALE: 1/4" = 1'-0"



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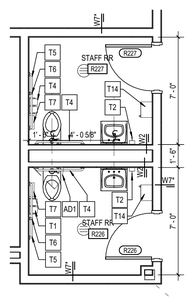
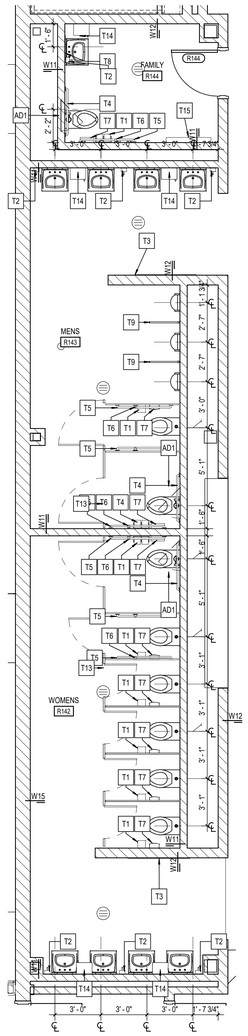
SCALE: 1/4" = 1'-0"



9 A701 ENLARGED RESTROOM PLAN
SCALE: 1/4" = 1'-0"



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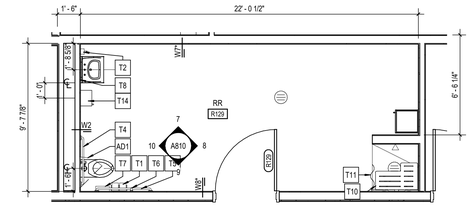
SCALE: 1/4" = 1'-0"



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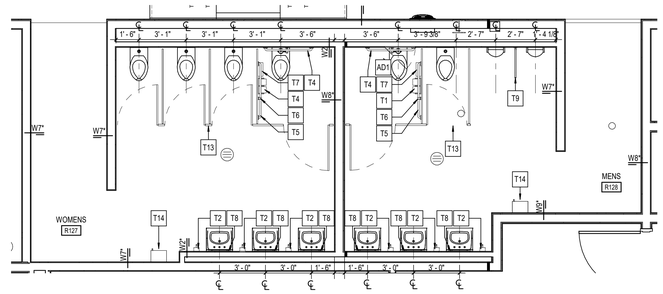
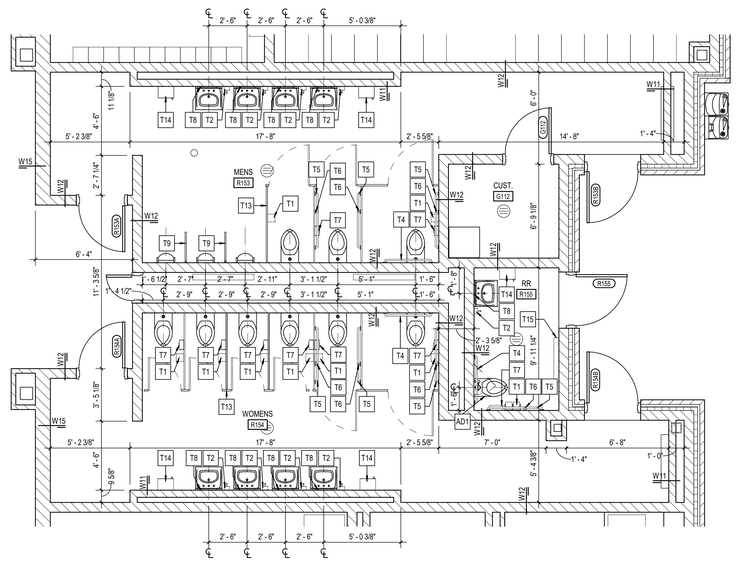


13 A701 ENLARGED RESTROOM PLAN
SCALE: 1/4" = 1'-0"



8 A701 ENLARGED RESTROOM PLAN
SCALE: 1/4" = 1'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the functional relationships and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
To the extent of the architectural scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

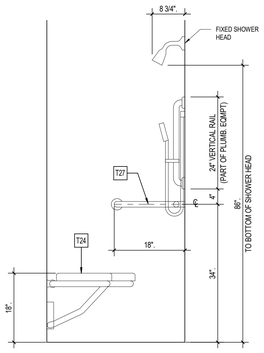
DRAWING TITLE:
ENLARGED RESTROOM PLANS AND ELEVATIONS

CERTIFIED BY:
BRENTON C. LUTZ
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

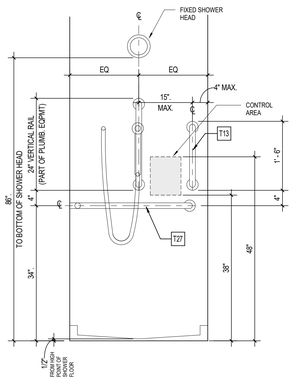
DRAWING NUMBER
A701

PROJECT NUMBER
2023061

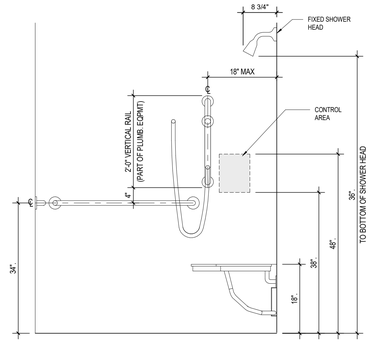
TOILET ACCESSORY SCHEDULE						
TYPE MARK	ITEM DESCRIPTION	MANUFACTURER	MODEL #	MOUNTING HEIGHT	Installed By	Furnished By
AD1	24" x 24" ACCESS PANEL	NYSTROM	24x24	STAINLESS STEEL	CONTRACTOR	CONTRACTOR
MR4	FRAMELESS MIRROR	BOBRICK	24"x30"	MOUNT 10" AFF COUNTER	CONTRACTOR	CONTRACTOR
T1	TOILET TISSUE DISPENSER - SURFACE MOUNTED	BY OWNER	-	MOUNT AS REQUIRED FOR ADA. COORDINATE LOCATION WITH GRAB BARS.	CONTRACTOR	OWNER
T2	SOAP DISPENSER - SURFACE MOUNTED	BY OWNER	-	MOUNT AS REQUIRED FOR ADA	CONTRACTOR	OWNER
T3	FRAMED MIRROR	BOBRICK	48"x96"	MOUNT 4" AFF	CONTRACTOR	CONTRACTOR
T4	GRAB BAR - 36"	BOBRICK	B-5806	MOUNT @ 34" ADA HEIGHT	CONTRACTOR	CONTRACTOR
T5	GRAB BAR - 42"	BOBRICK	<varies>	<varies>	CONTRACTOR	CONTRACTOR
T6	GRAB BAR - 18"	BOBRICK	<varies>	BOTTOM @ 40" A.F.F. INSTALLED VERTICALLY	CONTRACTOR	CONTRACTOR
T7	SANITARY NAPKIN DISPOSAL - SURFACE MOUNTED	BOBRICK	B-270	<varies>	CONTRACTOR	CONTRACTOR
T8	MIRROR 18"x36"	BOBRICK	B-165-1836	MOUNT AS REQUIRED FOR ADA.	CONTRACTOR	CONTRACTOR
T9	URINAL SCREEN	SEE SPEC #10 21 13	-	-	CONTRACTOR	CONTRACTOR
T10	FOLDING SHOWER SEAT	BOBRICK	B-517 OR B-518	MOUNT AS REQUIRED FOR ADA. SEE PLANS FOR ORIENTATION.	CONTRACTOR	CONTRACTOR
T11	SHOWER ROD, CURTAIN AND STAINLESS STEEL HOOKS	BOBRICK	B-6047, B-204-2	-	CONTRACTOR	CONTRACTOR
T12	CONTINUOUS SHOWER GRAB BAR	BOBRICK	B-6861	MOUNT AS REQUIRED FOR ADA	CONTRACTOR	CONTRACTOR
T13	TOILET PARTITION	SEE SPEC #10 21 13	-	-	CONTRACTOR	CONTRACTOR
T14	PAPER TOWEL DISPENSER	BY OWNER	-	-	CONTRACTOR	OWNER
T15	<varies>	BOBRICK	<varies>	-	CONTRACTOR	CONTRACTOR



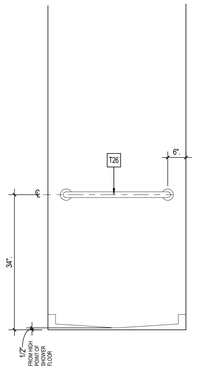
13 A702 ADA SHOWER 36" X 36" (BACK WALL)
SCALE: 3/4" = 1'-0"



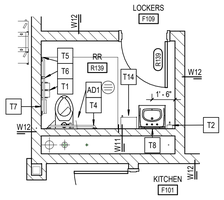
14 A702 ADA SHOWER 36" X 36" (SIDE WALL)
SCALE: 3/4" = 1'-0"



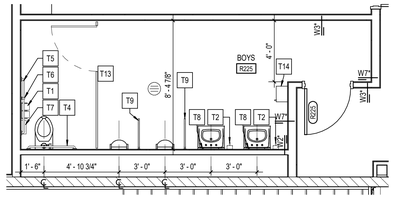
15 A702 ADA SHOWER 36" X 63" (BACK WALL)
SCALE: 3/4" = 1'-0"



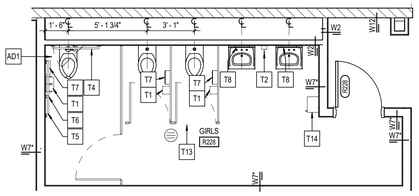
16 A702 ADA SHOWER 36" X 63" (SIDE WALL)
SCALE: 3/4" = 1'-0"



12 A702 ENLARGED RESTROOM PLAN
SCALE: 1/4" = 1'-0"



11 A702 ENLARGED RESTROOM PLAN
SCALE: 1/4" = 1'-0"



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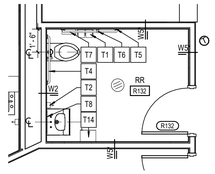
SCALE: 1/4" = 1'-0"



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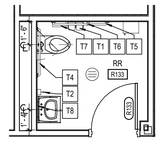
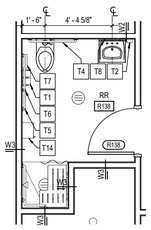


7 A702 ENLARGED RESTROOM PLAN
SCALE: 1/4" = 1'-0"

9 A702 ENLARGED RESTROOM PLAN
SCALE: 1/4" = 1'-0"



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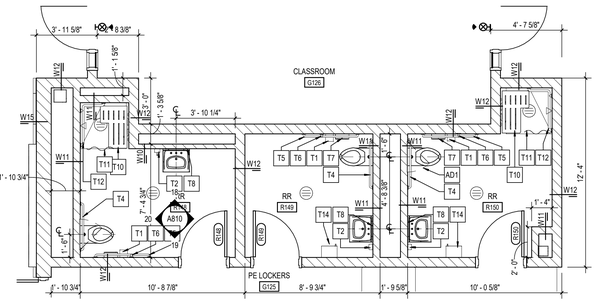
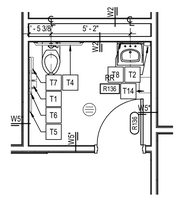
SCALE: 1/4" = 1'-0"



3 A702 ENLARGED PE LOCKER RESTROOM PLAN
SCALE: 1/4" = 1'-0"



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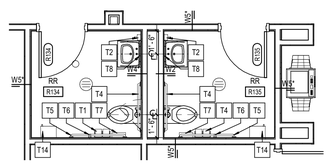
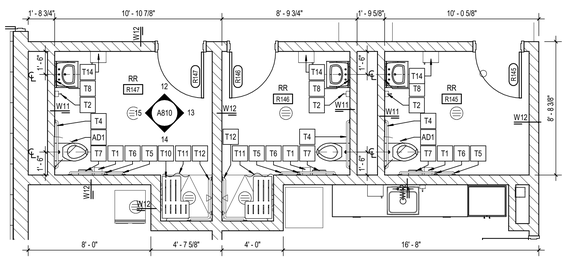
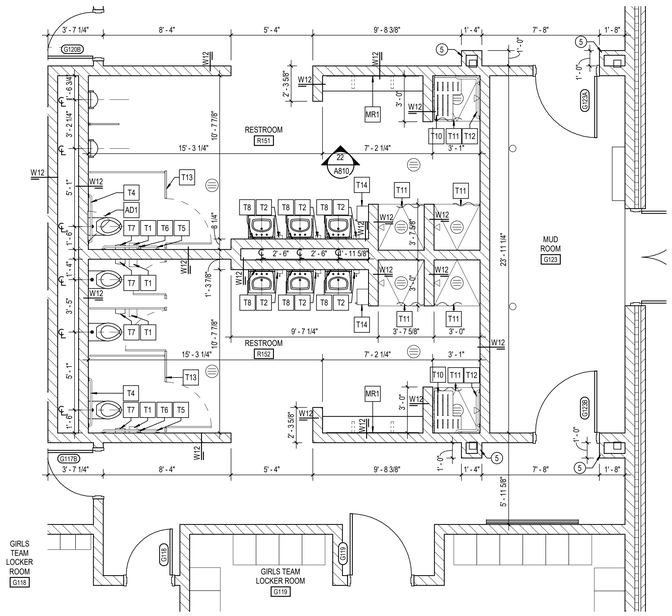


6 A702 ENLARGED RESTROOM PLAN
SCALE: 1/4" = 1'-0"



2 A702 ENLARGED PE LOCKER RESTROOM PLAN
SCALE: 1/4" = 1'-0"



1 A702 ENLARGED TEAM LOCKER ROOM PLAN
SCALE: 1/4" = 1'-0"

CSO
8831 Keystone Crossing, Indianapolis, IN 46240
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. They are not intended to be construction documents. Describe all work required for full performance and completion of the requirements of the Contract.
The Drawings indicate the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
ENLARGED RESTROOM PLANS

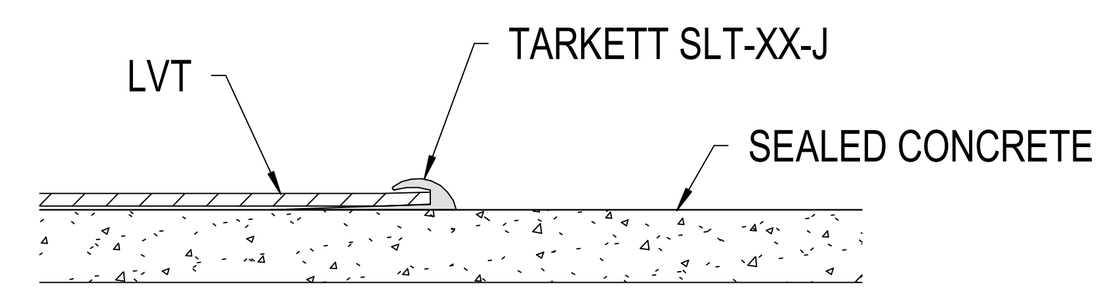
CERTIFIED BY:
BRENT C. HIRT
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A702

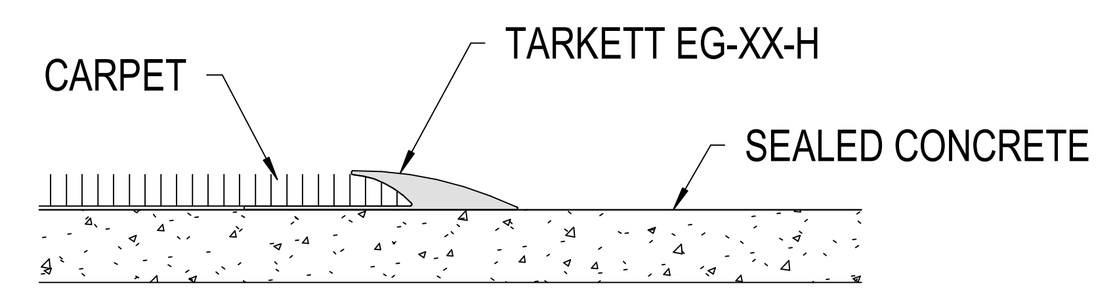
PROJECT NUMBER
2023061

FLOOR TRANSITION DETAILS

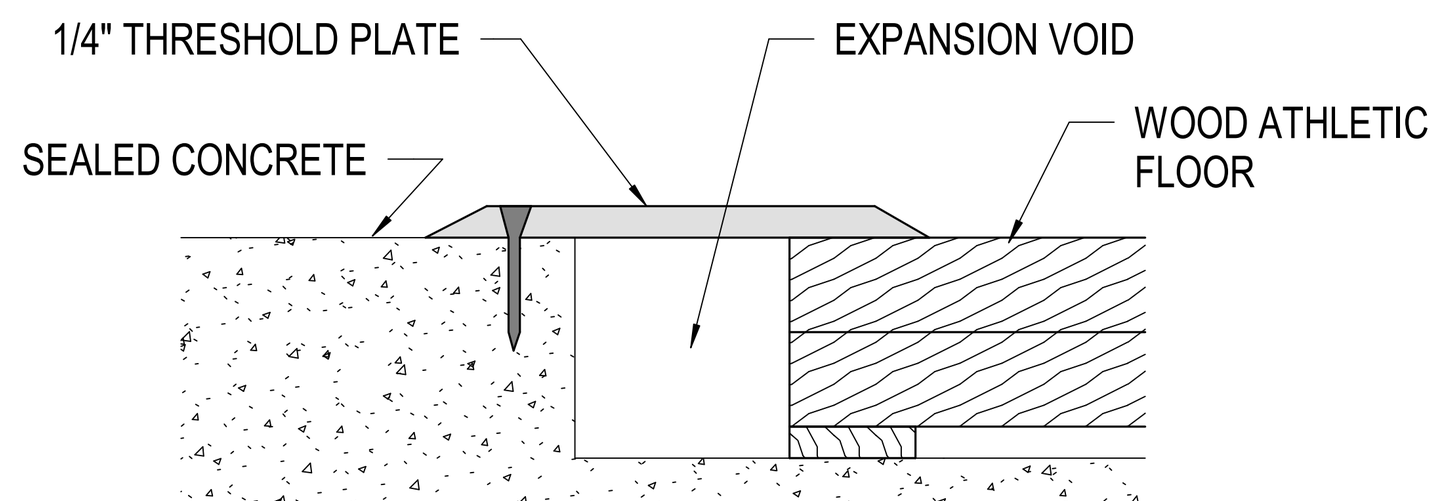
LVT TO CONCRETE



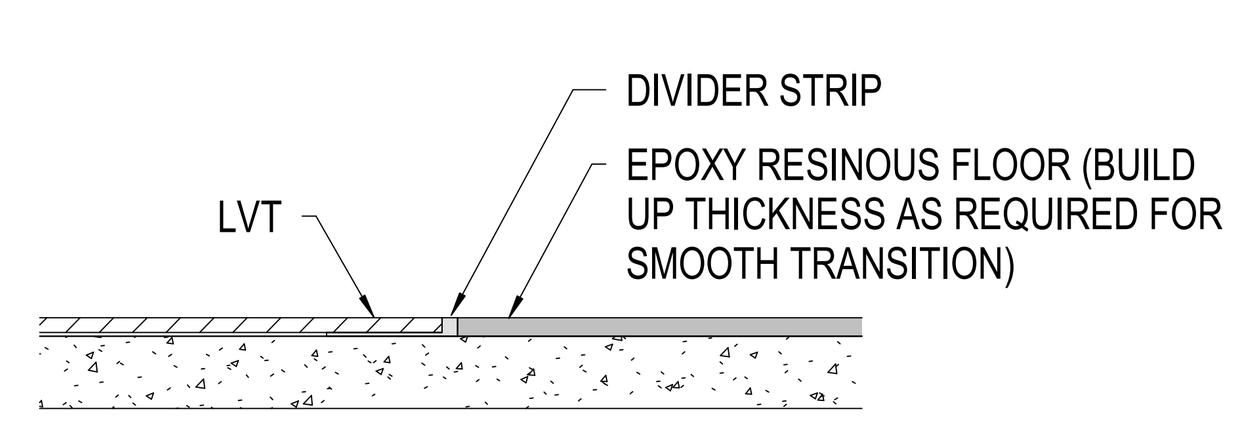
CARPET TO CONCRETE



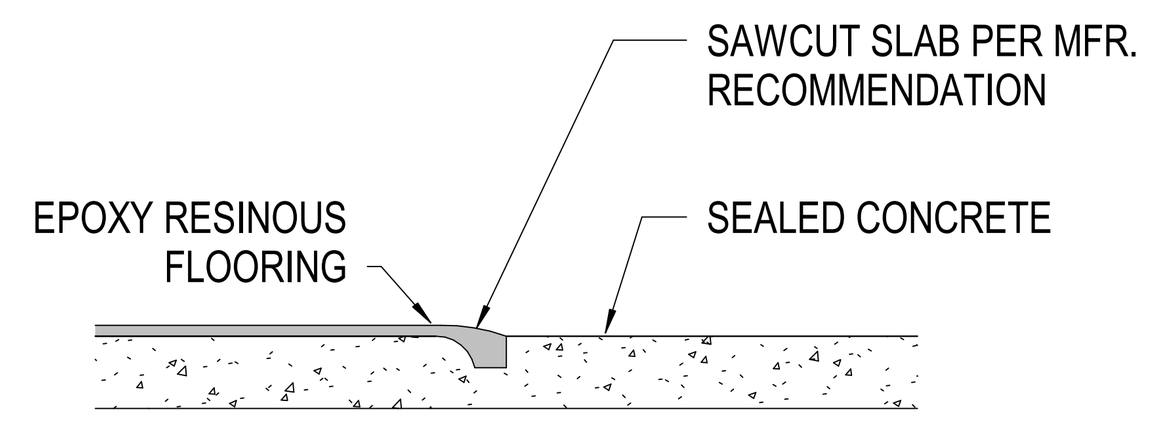
SEALED CONCRETE TO WOOD ATHLETIC FLOOR



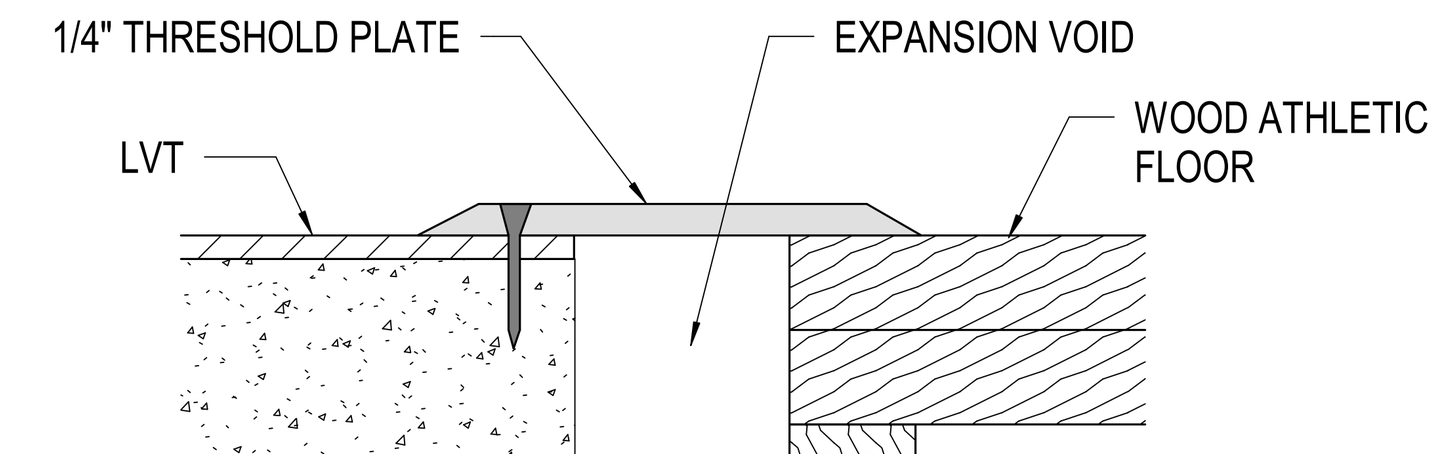
LVT TO EPOXY RESINOUS FLOOR



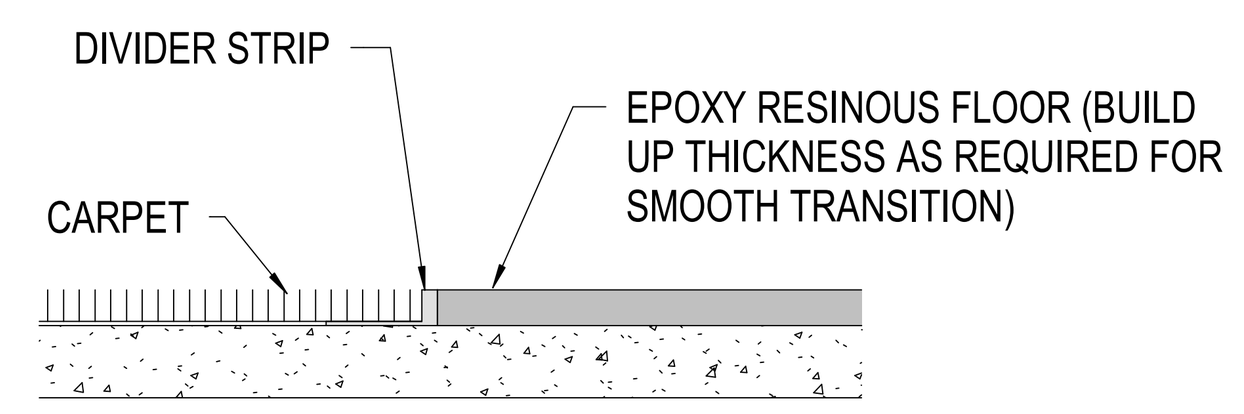
EPOXY RESINOUS FLOOR TO CONCRETE



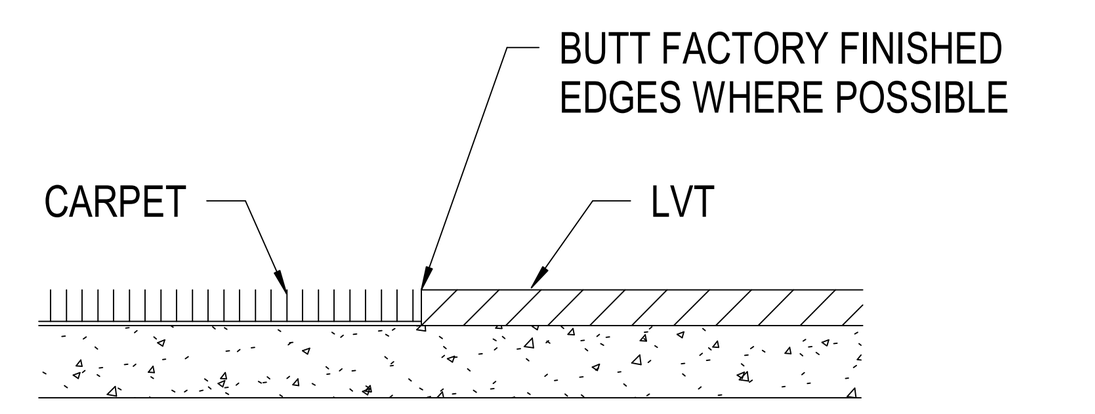
LVT TO WOOD ATHLETIC FLOOR



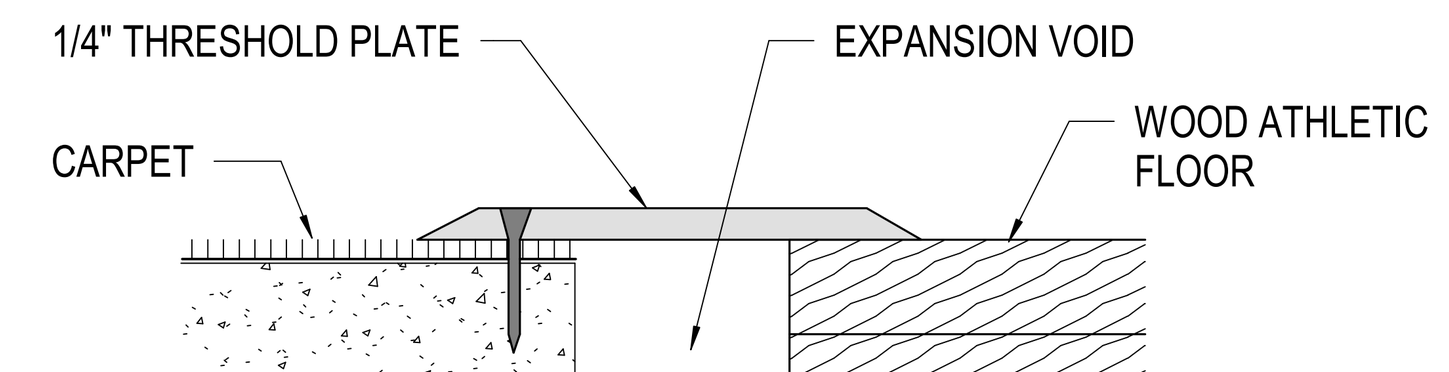
CARPET TO EPOXY RESINOUS FLOOR



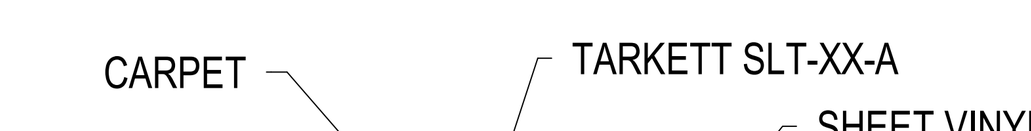
CARPET TO LVT



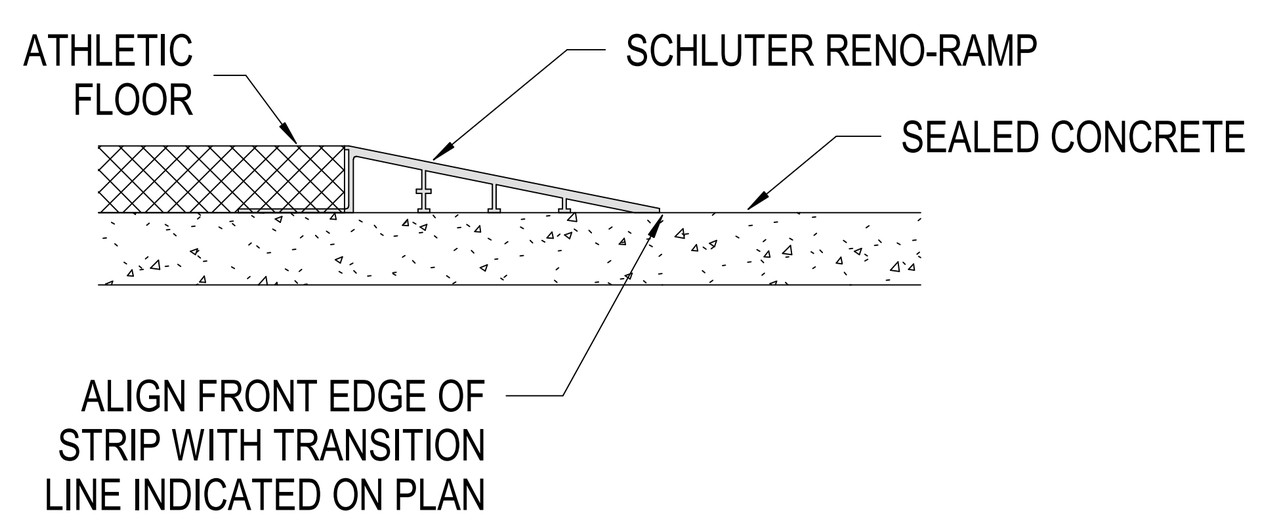
CARPET TO WOOD ATHLETIC FLOOR



CARPET TO SHEET VINYL

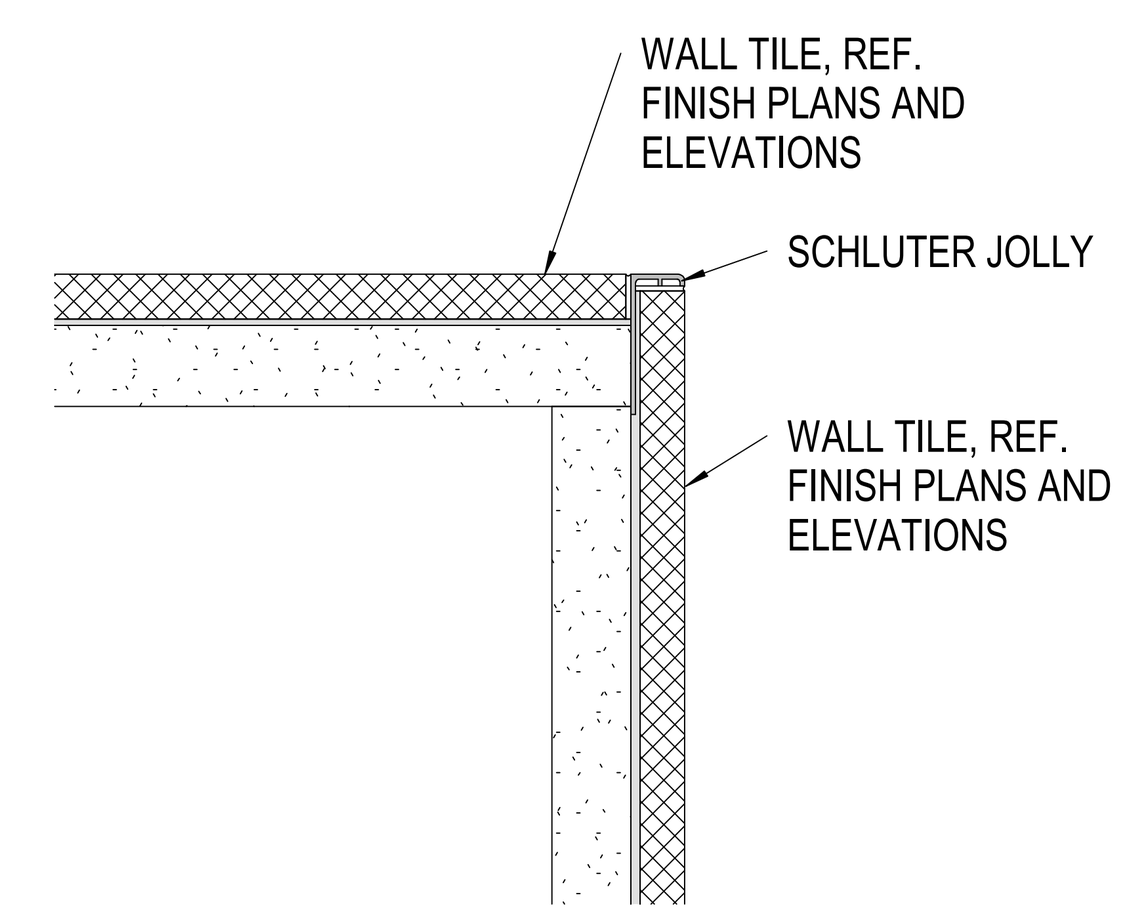


RESILIENT ATHLETIC FLOORING TO CONCRETE

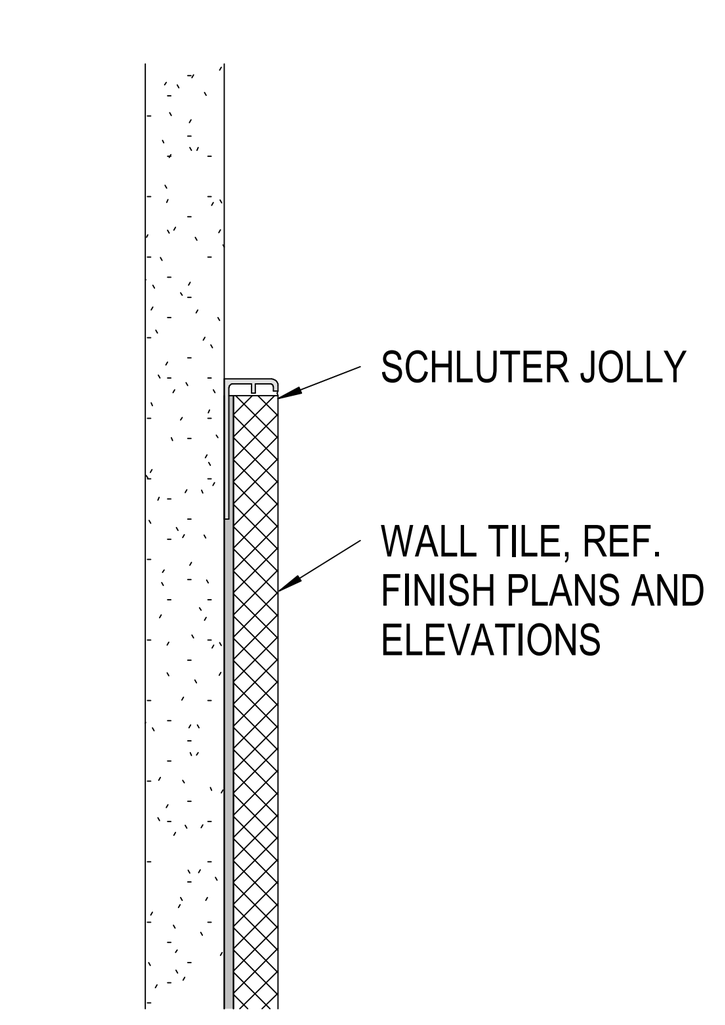


WALL TRANSITION DETAILS

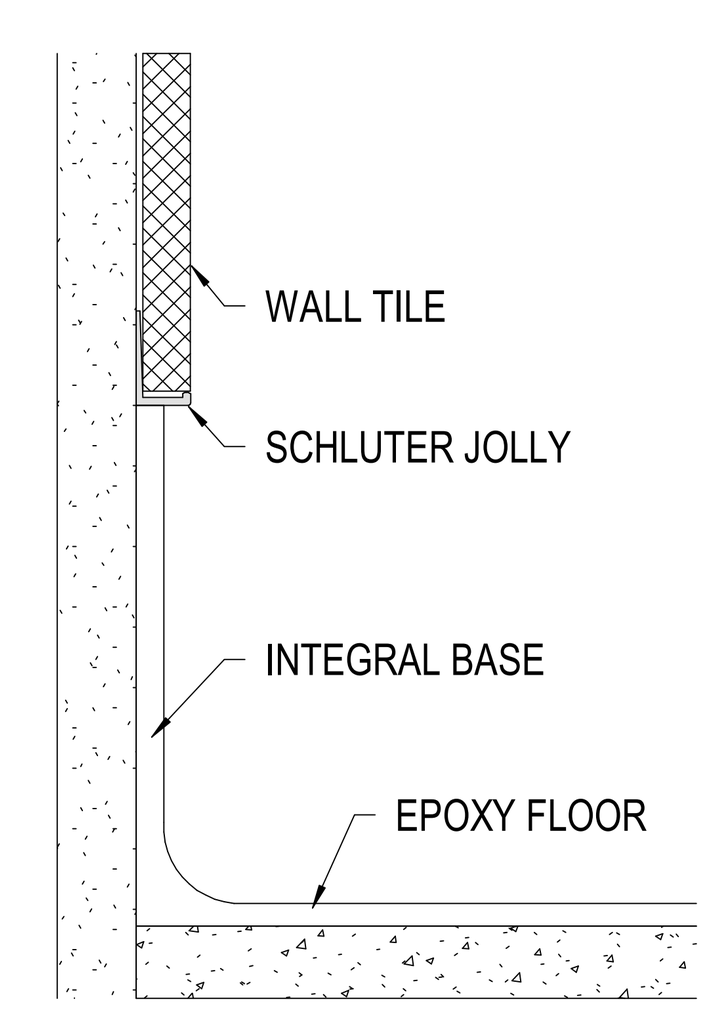
WALL TILE CORNER



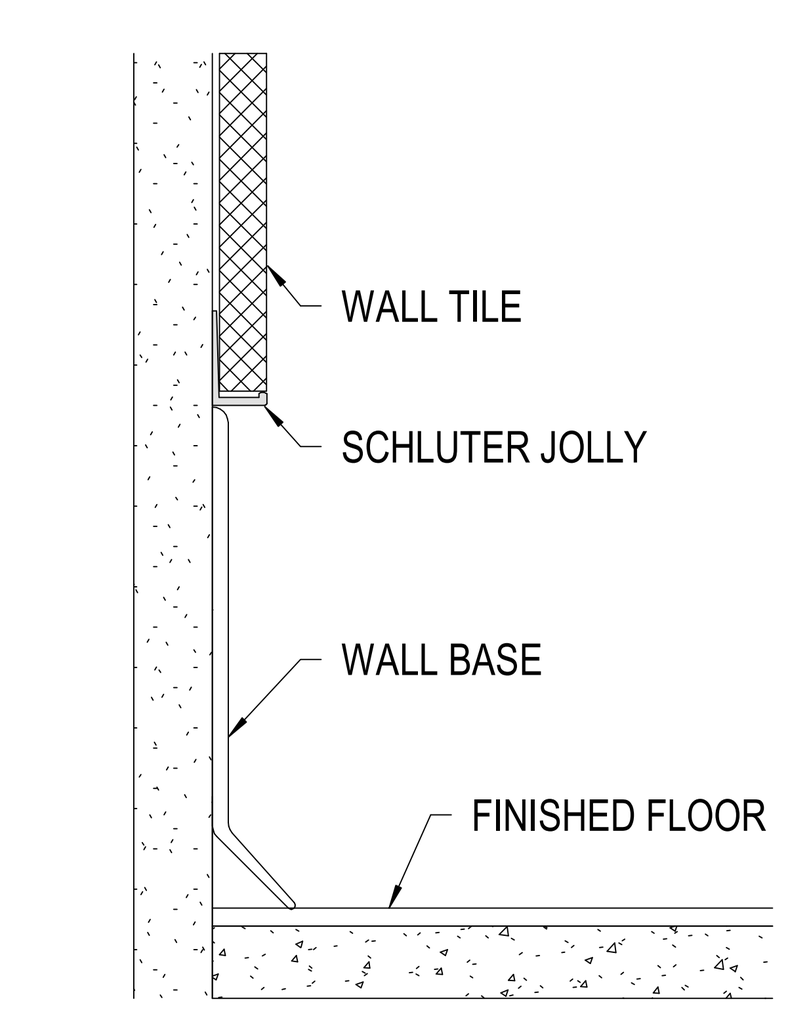
WALL TILE EDGE



WALL TILE WITH EPOXY BASE



WALL TILE WITH RUBBER BASE



FINISH LEGEND

FLOOR FINISHES

WALK-OFF CARPET

WOC1
MFR: PATCRAFT
STYLE: MOVING
COLOR: 00520 WANDER
SIZE: 24" X 24"
INSTALL: BRICK
LOCATION: VESTIBULES

CARPET

C1
MFR: MOHAWK GROUP
COLLECTION: SHAPE THEORY
STYLE: CORRESPONDING ANGLE
COLOR: 946 INTEGRAL IVY
SIZE: 24" X 24"
INSTALL: ASHLAR
LOCATION: CLASSROOM

C2
MFR: MANNINGTON
STYLE: SPIN REMIX, RPM
COLOR: 42222 DOO-WOP
SIZE: 12" X 36"
INSTALL: ASHLAR
LOCATION: PERFORMING ARTS

C3
MFR: INTERFACE
STYLE: OPEN AIR 402
COLOR: 106741 NICKEL
SIZE: 25 CM X 1 M
INSTALL: ASHLAR
LOCATION: ADMINISTRATION

C4
MFR: INTERFACE
STYLE: WORLD WOVEN
COLOR: PLATEAU WEAVE
SIZE: 25 CM X 1 M
INSTALL: ASHLAR
LOCATION: ADMINISTRATION

C5
MFR: SHAW CONTRACT
STYLE: ENCLAVE TILE 5T371
COLOR: OPULENT 71555
SIZE: 18" X 36"
INSTALL: ASHLAR
LOCATION: MEDIA CENTER

C6
MFR: INTERFACE
STYLE: OPEN ENDED 13140
COLOR: 103174 PINE
SIZE: 25 CM X 1 M
INSTALL: ASHLAR
LOCATION: MEDIA CENTER, ADMINISTRATION

POLISHED CONCRETE

PC1
TYPE: POLISHED CONCRETE - STAINED
MFR: SCOFIELD
STYLE: LITHOCHROME CHEMSTAIN
COLOR: C-10 COOL GRAY
LOCATION: GATHERING STAIR

SEALED CONCRETE

SC1
TYPE: SEALED CONCRETE
LOCATION: UTILITY SPACES, ART, PLTW
NOTE: SEE SPECIFICATION

LUXURY VINYL TILE

LVT1
MFR: SHAW CONTRACT
STYLE: FUNCTION 5.0
COLOR: 4388V PEBBLE
SIZE: 18" X 18" (5MM)
INSTALL: BRICK
LOCATION: LABS, FACS, CORRIDORS
NOTE: LIGHT CONCRETE

LVT2
MFR: SHAW CONTRACT
STYLE: FUNCTION 5.0
COLOR: 4388V CHANGE
SIZE: 18" X18" (5MM)
INSTALL: BRICK
NOTE: DARK CONCRETE ACCENT

LVT3
MFR: PATCRAFT
STYLE: ANEW
COLOR: SABLE-V2 00760
SIZE: 7.75" X 48" (5MM)
INSTALL: STAGGER
NOTE: DARK WOOD ACCENT

LVT4
MFR: SHAW CONTRACT
STYLE: BRANCHING OUT 4480V
COLOR: RIVERSIDE OAK 56140
SIZE: 6" X 48" (5MM)
INSTALL: STAGGER
NOTE: LIGHT WOOD ACCENT

SHEET VINYL

SV1
MFR: MANNINGTON
STYLE: STREAMLINE
COLOR: PD216 PURPOSE
SIZE: 12' W
LOCATION: SECLUSION, RESET
NOTE: SEAMS CHEMICALLY WELDED

SV2
MFR: FORBO
STYLE: WALTON/MARMOLEUM
COLOR: 3374 COBALT GREY
LOCATION: STAGE
NOTE: SEAMS HEAT WELDED W/ FORBO MATCHING COLOR RODS

RUBBER FLOORING

RF1
MFR: TARKETT
STYLE: JOHNSONITE SOLID COLOR RUBBER
COLOR: 48 GREY
SIZE: 24" X 24"
INSTALL: MONOLITHIC
LOCATION: STAIR LANDINGS
NOTE: HAMMERED

EPOXY RESINOUS FLOORING

EF1
MFR: TNEMEC
PRODUCT: FULL BROADCAST
COLOR: CUSTOM BLEND:
10% F1090 CHARCOAL
10% F1820 WHITE
20% F9903 ONLINE
10% F9957 TAUPE
20% F9958 ALPACA WHITE
20% F9959 ANTIQUE WHITE
10% F1360 FOREST GREEN
SIZE: 1/8" FLAKE
LOCATION: RESTROOMS, CLINIC, CONCESSIONS

EF2
MFR: TNEMEC
PRODUCT: FULL BROADCAST
COLOR: TO MATCH (EF1)
SIZE: 1/8" FLAKE
LOCATION: WET LOCATIONS, KITCHEN
NOTE: W/ ALUMINUM OXIDE

WOOD ATHLETIC FLOORING

WAF1
MFR: ROBBINS SPORTS SURFACES
PRODUCT: BIO CHANNEL STAR
LOCATION: GYM FLOORS
THICKNESS: 2-1/8"D

WAF2
MFR: ROBBINS SPORTS SURFACES
PRODUCT: BIO CHANNEL SB
STAIN: -
LOCATION: FLEX THEATER

ATHLETIC FLOORING

AF1
MFR: PLAE
PRODUCT: ACHIEVE 18MM
COLOR: D951 LUNAR CHARCOAL
LOCATION: WEIGHT GYM

STAIR TREAD/RISER

TR1
MFR: TARKETT
STYLE: JOHNSONITE INTEGRATED TREAD/RISER VIHTRS-20 W/ RUBBER INSERT
COLOR: 48 GREY
LOCATION: ALL STAIRS, U.N.O.

WALL BASE

RUBBER BASE

B1
MFR: TARKETT
STYLE: 4" COVE
COLOR: 40 BLACK

EPOXY BASE

EB1
MFR: MATCH (EF1)
STYLE: MATCH (EF1)
COLOR: MATCH (EF1)
SIZE: 4"H
LOCATION: WITH (EF1) AND (EF2)

VENTED RUBBER BASE

VB1
MFR: TARKETT
STYLE: JOHNSONITE VENT COVE
COLOR: 40 BLACK
SIZE: 4"H

WOOD BASE

WB1
SPECIES: POPLAR
FINISH: PAINT TO MATCH (P5)
SIZE: 6"H
PROFILE: FLAT STOCK
LOCATION: SECLUSION AND RESET ROOMS

WALL FINISHES

EPOXY PAINT

EP1
MFR: SHERWIN WILLIAMS
COLOR: SW7056 RESERVED WHITE
LOCATION: GENERAL

EP2
MFR: SHERWIN WILLIAMS
COLOR: SW0055 LIGHT FRENCH GRAY
LOCATION: NEUTRAL ACCENT

EP3
MFR: SHERWIN WILLIAMS
COLOR: SW6454 SHAMROCK
LOCATION: COLOR ACCENT

EP4
MFR: PPG
COLOR: 1108-5 SPICY MUSTARD
LOCATION: SERVING LINE

EP5
MFR: SHERWIN WILLIAMS
COLOR: SW7674 PEPPERCORN
LOCATION: EXPOSED COLUMNS

EP6
MFR: SHERWIN WILLIAMS
COLOR: DARK GREEN
LOCATION: MAIN GYM

EP7
MFR: SHERWIN WILLIAMS
COLOR: SW9554 GOING GRAY
LOCATION: NEUTRAL ACCENT

EP8
MFR: SHERWIN WILLIAMS
COLOR: TBD - MATCH (PL3)
LOCATION: CORRIDOR

PAINT

P1
MFR: SHERWIN WILLIAMS
COLOR: SW7056 RESERVED WHITE
LOCATION: GENERAL PAINT

P2
MFR: SHERWIN WILLIAMS
COLOR: SW0055 LIGHT FRENCH GRAY
LOCATION: SMALL GROUP, PLAN ROOMS, NEUTRAL ACCENT

P3
MFR: SHERWIN WILLIAMS
COLOR: SW6454 SHAMROCK
LOCATION: COLOR ACCENT

P4
MFR: SHERWIN WILLIAMS
COLOR: SW7007 CEILING BRIGHT WHITE
LOCATION: GWB CEILINGS, EXPOSED STRUCTURE

P5
MFR: SHERWIN WILLIAMS
COLOR: SW7674 PEPPERCORN
LOCATION: METAL DOORS & FRAMES

P6
MFR: SHERWIN WILLIAMS
COLOR: SW6258 TRICORN BLACK
LOCATION: STAGE/ CONTROL ROOMS

P7
MFR: SHERWIN WILLIAMS
COLOR: SW9554 GOING GRAY
LOCATION: NEUTRAL ACCENT

P8
MFR: ROSCO
STYLE: CHROMA KEY PAINT
COLOR: #05711 CHROMA KEY GREEN
LOCATION: GREEN ROOM
NOTE: PROVIDE LEVEL 5 FINISH. PRIME WITH ROSCO TOUGH PRIME WHITE

WALL TILE

WT1
MFR: IRIS US
STYLE: ATELIER
COLOR: WHITE
SIZE: 18" X 36"
INSTALL: STACK BOND
LOCATION: GENERAL CORRIDOR WALLS

WT2
MFR: PLATFORM SURFACES
STYLE: SOUL
COLOR: WHITE COTTON
SIZE: 12" X 24"
INSTALL: STACK BOND
LOCATION: GENERAL RESTROOM WALLS

WT3a
MFR: CROSSVILLE
STYLE: RETROACTIVE 2.0
COLOR: RACING GREEN
FINISH: POLISHED
SIZE: 6" X 24"
INSTALL: VERTICAL 1/3 OFFSET
LOCATION: RESTROOMS, SERVING LINE

WT3b
MFR: CROSSVILLE
STYLE: RETROACTIVE 2.0
COLOR: RACING GREEN
FINISH: PATTERN
SIZE: 6" X 24"
INSTALL: VERTICAL 1/3 OFFSET
LOCATION: RESTROOMS

WT4
MFR: CROSSVILLE
STYLE: RETROACTIVE 2.0
COLOR: RACING GREEN
FINISH: PATTERN
SIZE: 12" X 24"
INSTALL: VERTICAL 1/3 OFFSET
LOCATION: DRINKING FOUNTAINS

WT5
MFR: FLORIDA TILE
STYLE: SONGBIRD
COLOR: FEATHERED DARK GREEN SBD100
SIZE: 3" X 12"
INSTALL: VERTICAL STACK BOND
LOCATION: RECEPTION

WALL PANELING

WP1
MFR: TURF
STYLE: GRAPHIC WALL
COLOR: 10 TOPO GREEN
SIZE: SEE A614, A616
LOCATION: MAIN CORRIDORS
NOTE: SEE ELEVATIONS

WP2
MFR: TURF
STYLE: BARCODE WALL
COLOR: 04 LIGHT GREY, 10 TOPO GREEN
SIZE: SEE A614, A616
LOCATION: MAIN CORRIDORS
NOTE: SEE ELEVATIONS

WP3
MFR: ARMSTRONG
STYLE: WOODWORKS GRILLE
COLOR: TO MATCH (PL2)
SIZE: -
INSTALL: VERTICAL
LOCATION: MEDIA CENTER

WALL FINISHES, CONT.

WALL COVERING

WC1
MFR: SEE SPECIFICATIONS
STYLE: CUSTOM DIGITAL GRAPHIC
COLOR: MEDIA CENTER
NOTE: BUDGET MINIMUM $12/SF MATERIAL COST

WC2
MFR: SEE SPECIFICATIONS
STYLE: CUSTOM DIGITAL GRAPHIC
COLOR: MAIN CORRIDOR
NOTE: BUDGET MINIMUM $12/SF MATERIAL COST

WC3
MFR: WOLF GORDON
STYLE: RAMPART - QUINAULT
COLOR: DRIFTWOOD QNT 5548
LOCATION: MEDIA CENTER SGR

WC4
MFR: SEE SPECIFICATIONS
STYLE: CUSTOM DIGITAL GRAPHIC
COLOR: ATHLETICS
NOTE: BUDGET MINIMUM $12/SF MATERIAL COST

WC5
MFR: SEE SPECIFICATIONS
STYLE: CUSTOM DIGITAL GRAPHIC
COLOR: PERFORMING ARTS
NOTE: BUDGET MINIMUM $12/SF MATERIAL COST

CASEWORK AND COUNTERTOPS

PLASTIC LAMINATE

PL1
MFR: FORMICA
TYPE: HARDSTOP
COLOR: AGED ASH
FINISH: MATTE
LOCATION: CORRIDOR BUILDOUTS

PL2
MFR: FORMICA
TYPE: HPL
COLOR: AGED ASH
FINISH: MATTE
LOCATION: GENERAL CASEWORK

PL3
MFR: NEVAMAR
TYPE: FRL
COLOR: FERAL FERN
FINISH: TEXTURED/SUEDE (SD)
LOCATION: CORRIDOR BUILDOUTS

PL4
MFR: LAB DESIGNS
TYPE: HPL
COLOR: HUNTER GREEN SC434
FINISH: ULTRA MATTE
LOCATION: ADMINSTRATION VERTICAL SURFACE

PL5
MFR: NEVAMAR
TYPE: FRL
COLOR: BLACK S-6001
FINISH: TEXTURED/SUEDE (SD)
LOCATION: FLEX THEATER, CORRIDOR BUILDOUTS

PL6
MFR: NEVAMAR
TYPE: HPL
COLOR: FERAL FERN
FINISH: TEXTURED/SUEDE (SD)
LOCATION: SERVING LINE

SOLID SURFACE

SS1
MFR: CORIAN
COLOR: RAIN CLOUD
LOCATION: HOUSE CORRIDORS

SS2
MFR: CORIAN
COLOR: ANTARCTICA
LOCATION: LOCKER ISLAND, WINDOW STOOLS

SS3
MFR: WILSONART QUARTZ
COLOR: DUOMO Q4007
LOCATION: SERVING

SS4
MFR: STARON
COLOR: CLOUDBANK
LOCATION: ADMINISTRATION

SS5
MFR: CORIAN
COLOR: DOVE GRAY
LOCATION: ADMINISTRATION

EPOXY COUNTERTOP

EC1
MFR: DURCON
STYLE: EPOXY RESIN
COLOR: BLACK ONYX
LOCATION: SCIENCE LABS

MISC. COUNTERTOP

SSC
TYPE: STAINLESS STEEL COUNTER
LOCATION: CONCESSIONS

MISCELLANEOUS

TACK SURFACE

TS1
MFR: FORBO
COLOR: 2182 POTATO SKIN
LOCATION: CLASSROOMS, MEDIA CENTER, NEIGHBORHOOD ENTRY, RECEPTION, STUDENTS SERVICES DESK

ACOUSTIC PANEL FABRIC

APF1
MFR: GUILFORD OF MAINE
STYLE: AXIOM 3947
COLOR: GRAPHITE 7050
LOCATION: PERFORMING ARTS

APF2
MFR: GUILFORD OF MAINE
STYLE: ANCHORAGE 2335
COLOR: PINE NEEDLE 2022
LOCATION: PERFORMING ARTS, FLEX THEATER

APF3
MFR: GUILFORD OF MAINE
STYLE: WHISPER 1240
COLOR: TRANQUILITY 1280
LOCATION: FLEX THEATER

POLYETHYLENE TEREPHALATE FELT

PET1
MFR: TURF ACOUSTICS
STYLE: PLAID
COLOR: 10 TOPO GREEN
LOCATION: ACTIVITY COMMONS

PET2
MFR: TURF ACOUSTICS
STYLE: PLAID, BEAM
COLOR: 11 CELADON
LOCATION: MEDIA CENTER

METAL PANEL

MAG
MFR: DIAMOND LIFE
COLOR: BRUSHED STAINLESS STEEL
LOCATION: NEIGHBORHOOD ENTRY

GENERAL FINISH NOTES

1. ANY DISCREPANCIES WITHIN THE DOCUMENTS SHOULD BE BROUGHT TO THE ATTENTION OF CSO ARCHITECTS PRIOR TO INSTALLATION. THESE DOCUMENTS WILL GOVERN OVER PREVIOUS SUPPLEMENTAL DRAWINGS.
2. THE SCHEDULED MATERIALS SHALL NOT BE INSTALLED BEFORE THE CONTRACTOR'S ACTUAL COLOR SUBMITTALS HAVE BEEN APPROVED, AS CALLED FOR IN THE SPECIFICATIONS. IF ANY MATERIAL IS INSTALLED BEFORE APPROVAL, THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL ERRONEOUS SPECIFICATIONS.
3. ALL SURFACES RECEIVING FINISHES SHALL BE PROPERLY PREPARED PER MANUFACTURER'S SPECIFICATIONS PRIOR TO INSTALLATION. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING CONDITIONS.
4. CONTRACTOR RESPONSIBLE FOR PROTECTING FINISHED SURFACES DURING CONSTRUCTION.
5. FOR CHANGE IN FLOOR FINISH MATERIALS OF DIFFERENT HEIGHTS, PROVIDE TRANSITION STRIP TO MEET CODE/ADA REQUIREMENTS.
6. WHEN FLOOR FINISHES TRANSITION AT DOOR OPENING, THE TRANSITION IS TO BE ON CENTER OF THE DOOR PANEL U.N.O.
7. WHERE CARPET AND LVT TRANSITIONS OCCUR, INSTALL FACTORY FINISHED EDGE OF CARPET TO FACTORY FINISHED EDGE OF LVT; DO NOT USE CUT EDGES AT ANY TRANSITIONS.
8. SEE INTERIOR PAINT SPECIFICATIONS FOR SCHEDULE OF COATING TYPE PER SUBSTRATE AND SHEEN. CONTRACTOR TO PROVIDE CRISP, CLEAN LINES BETWEEN ALL PAINT TRANSITIONS.
9. ALL WALL MOUNTED GRILLES, METAL PANELS, MISC. METALS, ETC. ARE TO BE FACTORY FINISHED TO MATCH ADJACENT WALLS, U.N.O.
10. DO NOT PAINT INTERIOR BRICK, BURNISHED BLOCK, OR OTHER FACTORY FINISHED ITEMS, U.N.O.
11. ALL GWB CEILINGS AND/OR SOFFITS/BULKHEADS TO HAVE FACES PAINTED TO MATCH ADJACENT WALLS AND UNDERSIDE TO BE PAINTED (P4), U.N.O. SEE REFLECTED CEILING PLANS AND SPECIFICATIONS FOR ALL CEILING MATERIALS, THEIR LOCATIONS, AND FURTHER INFORMATION.
12. ALL METAL STAIR COMPONENTS, INCLUDING RAILINGS, STRINGERS, AND RISERS TO BE PAINTED (P5), U.N.O. DO NOT PAINT ANODIZED ALUMINUM OR FACTORY FINISHED METALS. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
13. ALL EXPOSED STRUCTURAL COLUMNS TO RECEIVE FINISH (P5), U.N.O. REFER TO SPECIFICATIONS FOR PAINT TYPE, SHEEN, AND ADDITIONAL INFORMATION.
14. ALL HOLLOW METALS DOORS AND FRAMES ARE TO BE PAINTED (P5). PROPER SURFACE PREPARATION REQUIRED PER MANUFACTURER'S REQUIREMENTS. REFER TO SPECIFICATIONS FOR PAINT TYPE, SHEEN, AND ADDITIONAL INFORMATION.
15. FOR CORNER GUARDS REFER TO SPECIFICATIONS AND A900 SERIES FOR INFORMATION AND LOCATIONS. COLORS TO BE SELECTED FROM MANUFACTURER'S FULL RANGE U.N.O. IN EQUIPMENT SCHEDULE. CORNER GUARDS TO BE APPLIED TO GWB ONLY.
16. WOOD DOORS ARE TO BE SLICED WHITE MAPLE, CLEAR FINISH. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
17. ALL CLASSROOM TACK BOARDS ARE TO BE (TS1), TYPICAL. REFER TO SPECIFICATIONS AND 900 SERIES FOR DETAILS AND LOCATIONS.
18. ALL WINDOW STOOLS TO BE SOLID SURFACE (SS2). REFER TO A400 SERIES FOR WINDOW SECTIONS AND DETAILS.
19. WHERE WALL TILE OCCURS, ALL OUTSIDE CORNERS AND UNFINISHED EDGES ARE TO BE TRIMMED WITH SCHLUTER JOLLY IN BRUSHED STAINLESS STEEL. SEE WALL TRANSITION DETAILS ON A800.
20. WALL TILE TO BE INSTALLED WITH MINIMUM RECOMMENDED GROUT THICKNESS. GROUT COLOR TO BE SELECTED FROM MANUFACTURER'S FULL RANGE. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
21. TOILET PARTITIONS ARE TO BE SELECTED FROM MANUFACTURER'S FULL RANGE. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
22. STAGE CURTAIN TO BE SELECTED FROM MANUFACTURER'S FULL RANGE. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
23. GYM WALL PADDING, BLEACHERS, AND EQUIPMENT FINISHES TO BE SELECTED FROM MANUFACTURER'S FULL RANGE. REFER TO 900 SERIES DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
24. ALL CUSTODIAL MOP SINK LOCATIONS TO RECEIVE FRP. LENGTH AS NECESSARY, MINIMUM OF 2'-0" ON EITHER SIDE OF SINK. FRP TO START AT TOP OF BASE AND RUN FULL PANEL WIDTH (4'-0"). COLOR TO BE SELECTED FROM MANUFACTURER'S FULL RANGE.

FINISH TAG KEY

- XXX — FLOOR FINISH
- XX — BASE FINISH
- XX — WALL FINISH
- XXX / XXX — HORIZONTAL FINISH (COUNTERTOP) / VERTICAL FINISH (CASEWORK)
- XXX — COUNTERTOP, CASEWORK OR MISCELLANEOUS FINISH ONLY REFER TO FINISH LEGEND
- XX — ACCENT WALL FINISH
- FLOORING INSTALL DIRECTION

FINISH PLAN NOTES

F1 ALIGN FLOOR TRANSITION TO CASEWORK, OUTSIDE CORNER, OR AS INDICATED ON PLAN.
F2 WALL TILE (WT1) TO BE INSTALLED FROM TOP OF BASE TO 4 COURSES (6'-4" A.F.F.).
F3 INDICATED FINISHES APPLY TO ALL SIDES.
F4 EPOXY PAINT (EP2) TO EXTEND TO 15'-4" A.F.F. OR NEAREST COURSING ROW. PAINT (P1) TO EXTEND FROM TOP OF EPOXY PAINT (EP2) TO BOTTOM OF DECK. PAINT TRANSITION TO BE A CLEAN, TAPED, LEVEL LINE.
F5 NO FINISHES THIS AREA, U.N.O.
F6 ALL CUSTODIAL MOP SINK LOCATIONS TO RECEIVE FRP. LENGTH AS NECESSARY, MINIMUM OF 2'-0" ON EITHER SIDE OF SINK. FRP TO START AT TOP OF BASE AND RUN FULL PANEL WIDTH (4'-0"). COLOR TO BE SELECTED FROM MANUFACTURER'S FULL RANGE
F7 WALL TILE (WT2) TO EXTEND FROM TOP OF BASE TO APPROX. 6'-4" (3 FULL COURSES) ON NON-WET WALLS. PAINT (EP1) FROM TOP OF TILE (WT2) TO CEILING.
F8 WOOD SEAT TO WATERFALL 7". WOOD SEAT TO BE MAPLE; STAIN TO MATCH DESIGNER'S CONTROL SAMPLE.
F9 WALLS, FLOOR, AND DOOR TO RECEIVE SECLUSION ROOM PADDING. REFER TO SPECIFICATIONS FOR INFORMATION.
F10 ALIGN FLOOR GRAPHIC WITH CEILING ABOVE.
F11 FULL HEIGHT VERTICAL STACK BOND.
F12 TYPICAL SINGLE USER RESTROOM. SEE CALLOUT 1/A810 FOR STANDARD FINISHES AND INSTALLATION.
F13 DO NOT PAINT BURNISHED BLOCK.
F14 EQUIPMENT FINISHES TO BE SELECTED BY ARCHITECT AND/OR CONSULTANT.

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

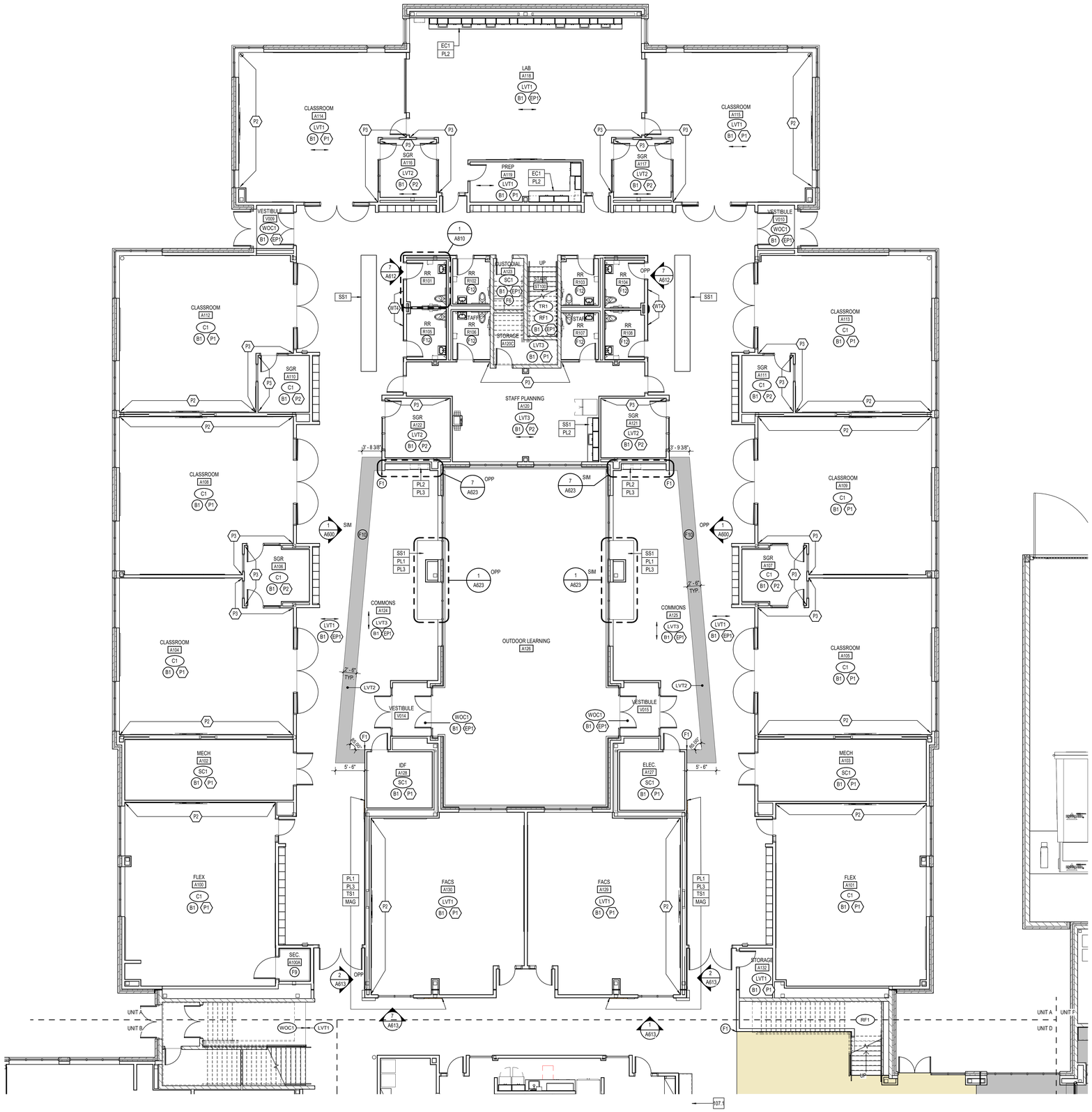
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MEO	TMP

DRAWING TITLE:
FINISH LEGEND AND NOTES

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A800

PROJECT NUMBER
2023061



1 A801A FIRST FLOOR FINISH PLAN - UNIT A
SCALE: 1/8" = 1'-0"

*SEE A800 FOR GENERAL FINISH NOTES

FINISH TAG KEY

- (XXX) FLOOR FINISH
- (XX) BASE FINISH
- XX WALL FINISH
- XXX / XXX HORIZONTAL FINISH (COUNTERTOP) / VERTICAL FINISH (CASEWORK)
- XXX COUNTERTOP, CASEWORK OR MISCELLANEOUS FINISH ONLY REFER TO FINISH LEGEND
- XX ACCENT WALL FINISH
- FLOORING INSTALL DIRECTION

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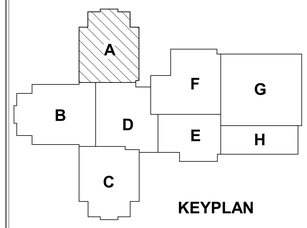

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PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

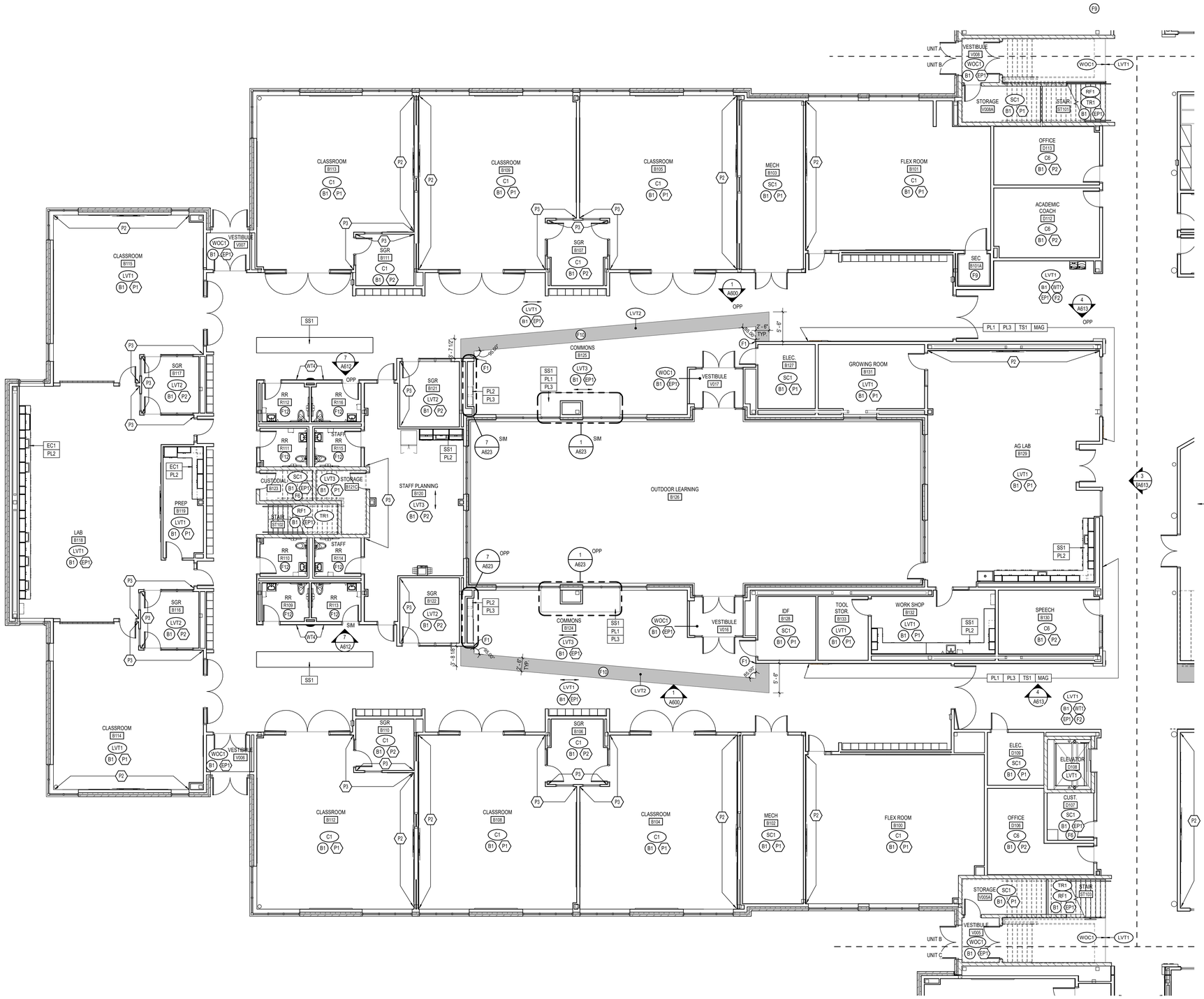
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MEO	TMP

DRAWING TITLE:
FIRST FLOOR FINISH PLAN - UNIT A

CERTIFIED BY:
BRENDON C. HIDE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A801A

PROJECT NUMBER
2023061



1 A801B FIRST FLOOR FINISH PLAN - UNIT B
SCALE: 1/8" = 1'-0"

*SEE A800 FOR GENERAL FINISH NOTES

FINISH TAG KEY

- XXX — FLOOR FINISH
- XX — BASE FINISH
- XX — WALL FINISH
- XXX / XXX — HORIZONTAL FINISH (COUNTERTOP) / VERTICAL FINISH (CASEWORK)
- XXX — COUNTERTOP, CASEWORK OR MISCELLANEOUS FINISH ONLY REFER TO FINISH LEGEND
- XX — ACCENT WALL FINISH
- FLOORING INSTALL DIRECTION

FINISH PLAN NOTES

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F11 FULL HEIGHT VERTICAL STACK BOND.
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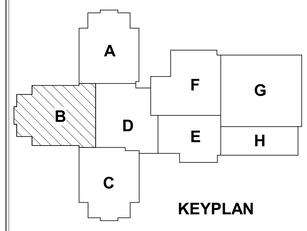
F13 DO NOT PAINT BURNISHED BLOCK.
F14 EQUIPMENT FINISHES TO BE SELECTED BY ARCHITECT AND/OR CONSULTANT.



KEYPLAN

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

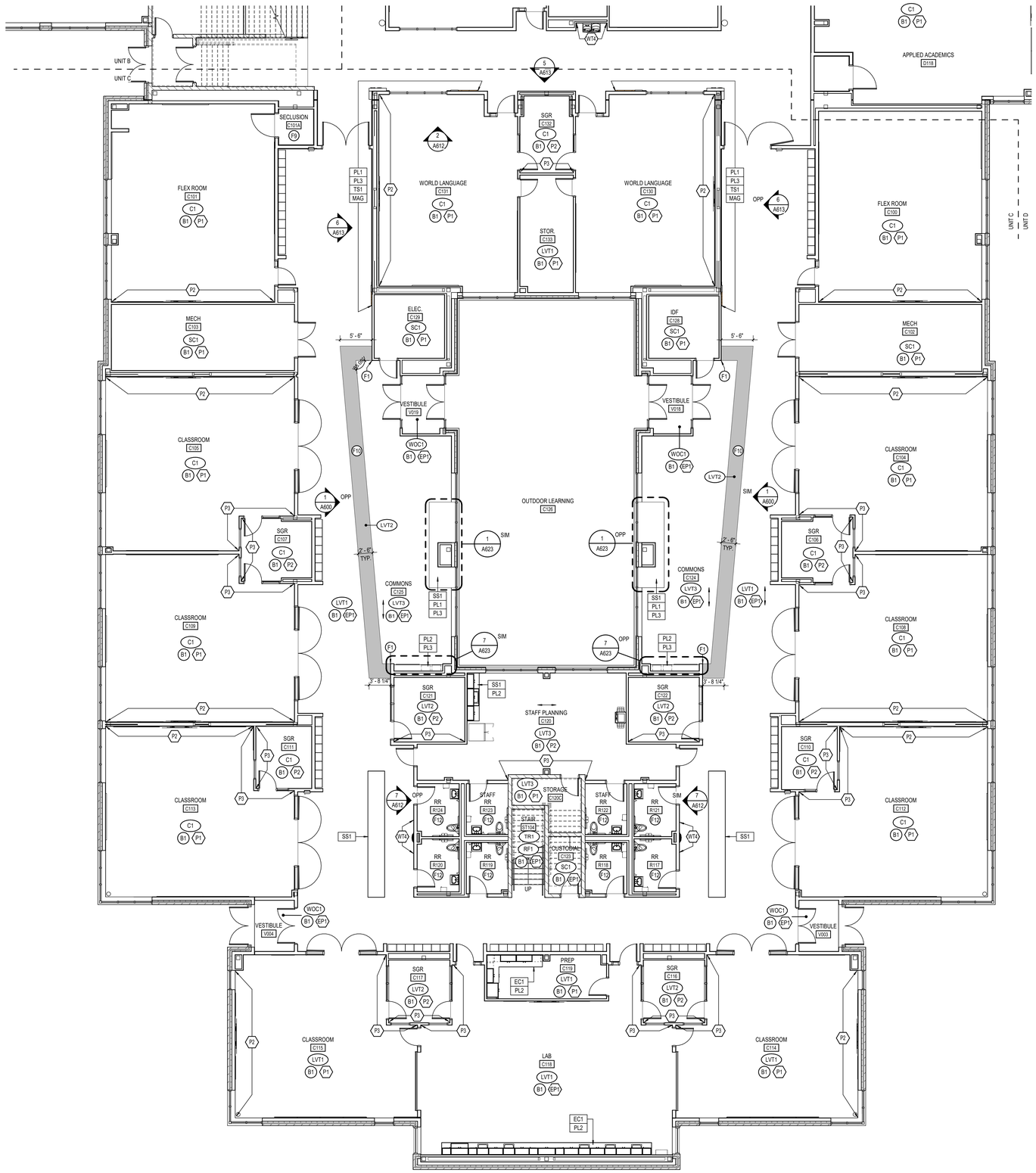
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MEO	TMP

DRAWING TITLE:
FIRST FLOOR FINISH PLAN - UNIT B

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A801B

PROJECT NUMBER
2023061



1 A801C FIRST FLOOR FINISH PLAN - UNIT C
SCALE: 1/8" = 1'-0"

*SEE A800 FOR GENERAL FINISH NOTES

FINISH TAG KEY

- (XXX) FLOOR FINISH
- (XX) BASE FINISH
- (X) WALL FINISH
- XXX / XXX HORIZONTAL FINISH (COUNTERTOP) / VERTICAL FINISH (CASEWORK)
- XXX COUNTERTOP, CASEWORK OR MISCELLANEOUS FINISH ONLY REFER TO FINISH LEGEND
- (XX) ACCENT WALL FINISH
- FLOORING INSTALL DIRECTION

FINISH PLAN NOTES

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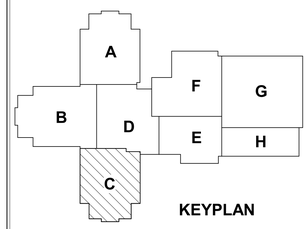

KEYPLAN

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PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

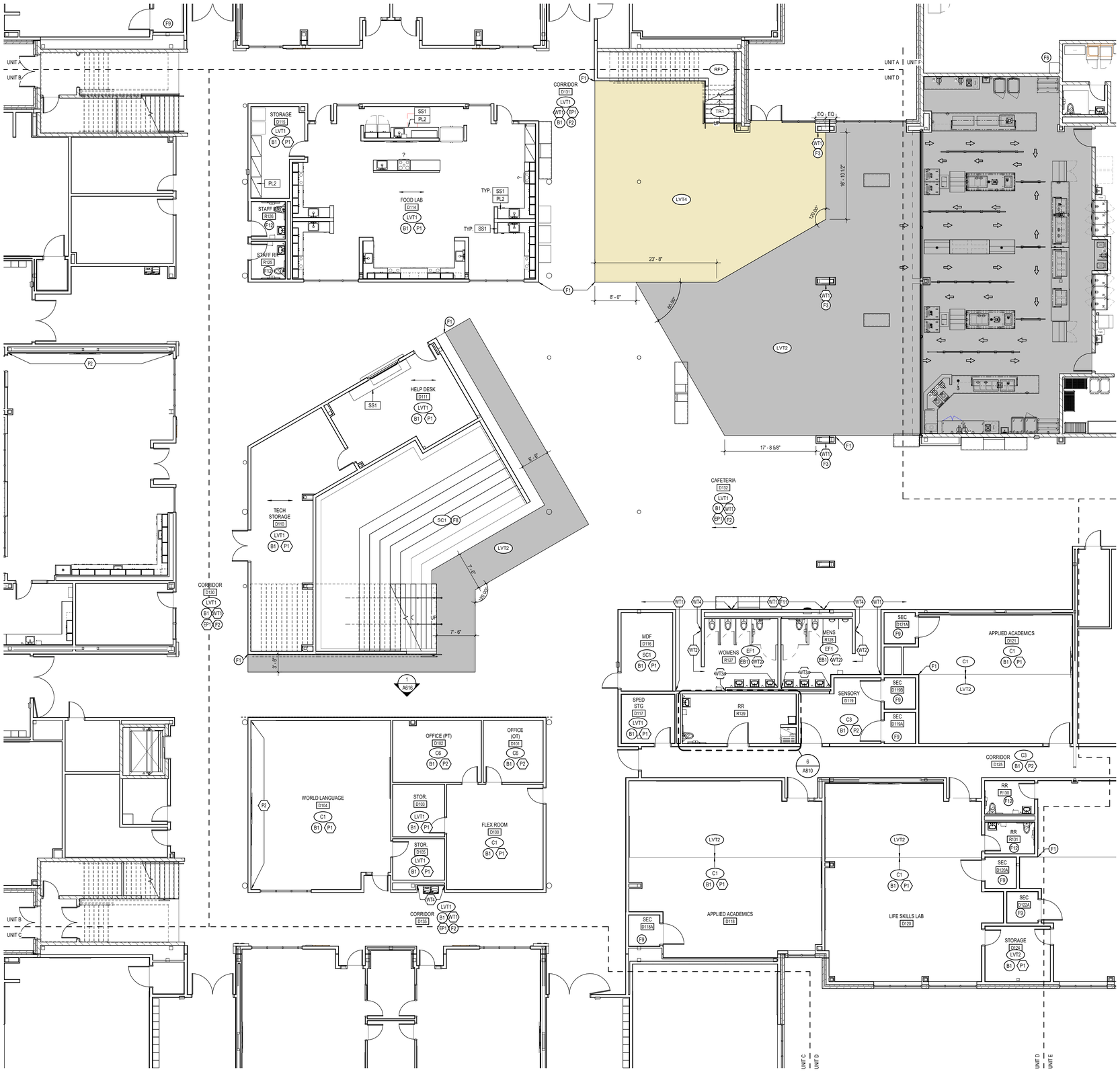
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MEO	TMP

DRAWING TITLE:
FIRST FLOOR FINISH PLAN - UNIT C

CERTIFIED BY:
BRENDON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A801C

PROJECT NUMBER
2023061



1 A801D FIRST FLOOR FINISH PLAN - UNIT D
SCALE: 1/8" = 1'-0"

*SEE A800 FOR GENERAL FINISH NOTES

FINISH TAG KEY

- XXX — FLOOR FINISH
- XX — BASE FINISH
- XX — WALL FINISH
- XXX / XXX — HORIZONTAL FINISH (COUNTERTOP) / VERTICAL FINISH (CASEWORK)
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- XX — ACCENT WALL FINISH
- FLOORING INSTALL DIRECTION

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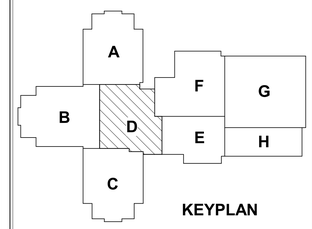

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PROJECT:
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BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

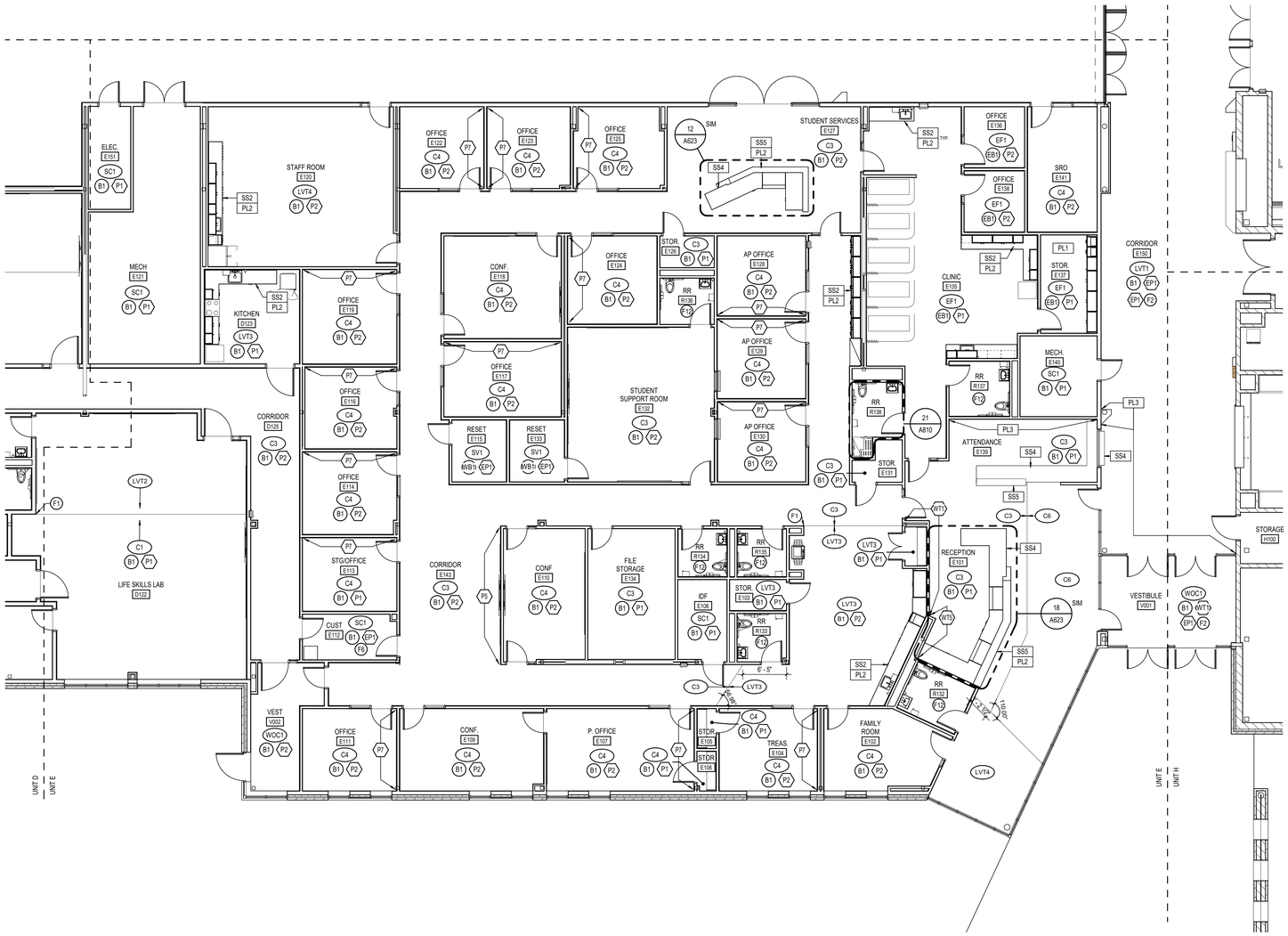
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MEO	TMP

DRAWING TITLE:
FIRST FLOOR FINISH PLAN - UNIT D

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A801D

PROJECT NUMBER
2023061



1 A801E FIRST FLOOR FINISH PLAN - UNIT E
SCALE: 1/8" = 1'-0"

*SEE A800 FOR GENERAL FINISH NOTES

FINISH TAG KEY

- XXX FLOOR FINISH
- XX BASE FINISH
- XX WALL FINISH
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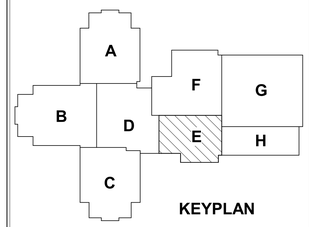

KEYPLAN

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PROJECT:
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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MEO	TMP

DRAWING TITLE:
FIRST FLOOR FINISH PLAN - UNIT E

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A801E

PROJECT NUMBER
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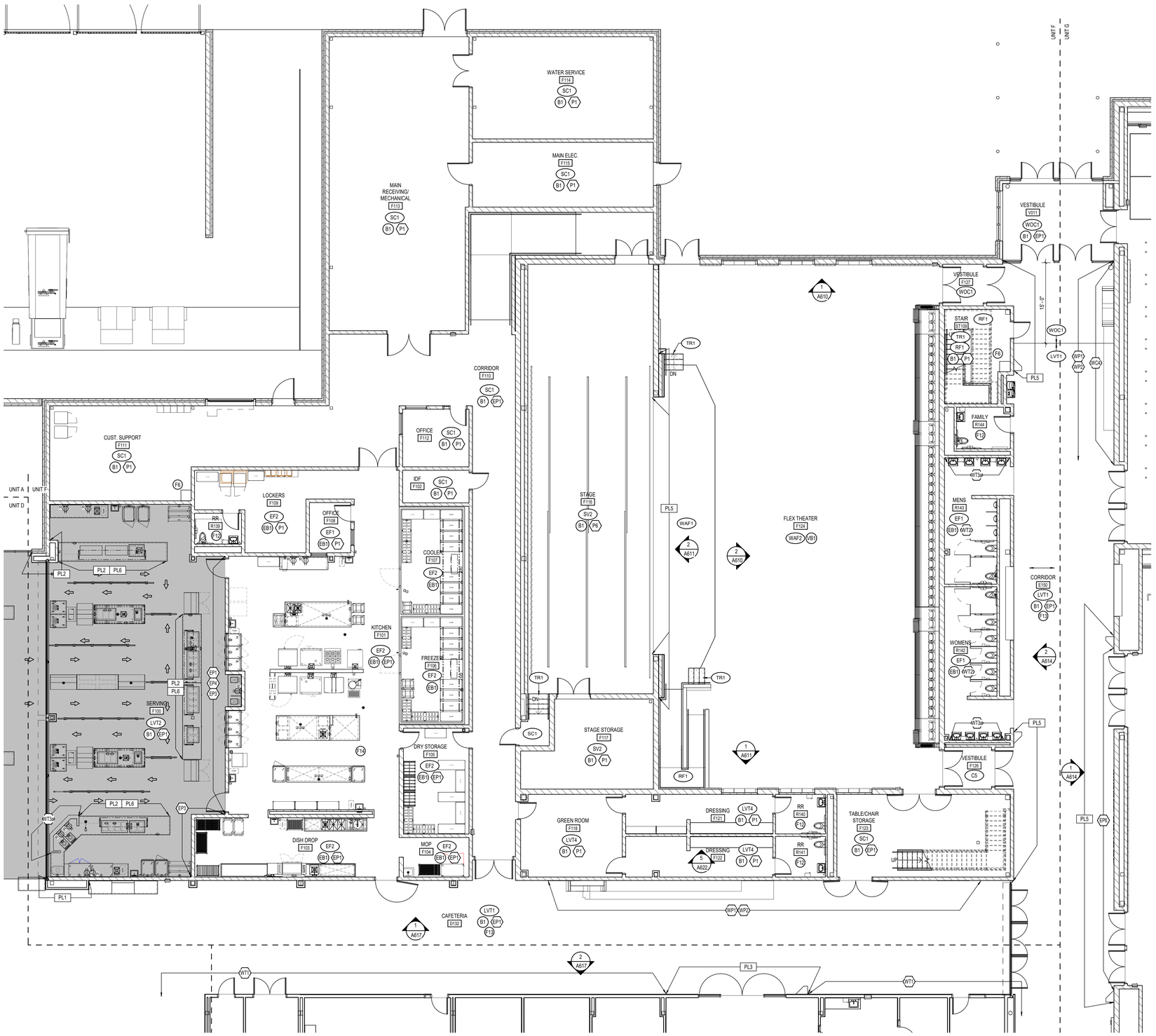

1 A801F FIRST FLOOR FINISH PLAN - UNIT F
SCALE: 1/8" = 1'-0"

*SEE A800 FOR GENERAL FINISH NOTES

FINISH TAG KEY

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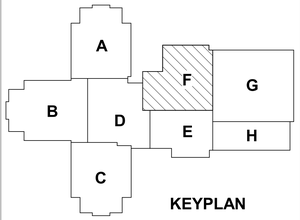
F4 EPOXY PAINT (EP2) TO EXTEND TO 15'-4" A.F.F. OR NEAREST COURSING ROW. PAINT (P1) TO EXTEND FROM TOP OF EPOXY PAINT (EP2) TO BOTTOM OF DECK. PAINT TRANSITION TO BE A CLEAN, TAPED, LEVEL LINE.
F5 NO FINISHES THIS AREA, U.N.O.
F6 ALL CUSTODIAL MOP SINK LOCATIONS TO RECEIVE FRP. LENGTH AS NECESSARY, MINIMUM OF 2'-0" ON EITHER SIDE OF SINK. FRP TO START AT TOP OF BASE AND RUN FULL PANEL WIDTH (4'-0"). COLOR TO BE SELECTED FROM MANUFACTURER'S FULL RANGE
F7 WALL TILE (WT2) TO EXTEND FROM TOP OF BASE TO APPROX. 6'-4" (3 FULL COURSES) ON NON-WET WALLS. PAINT (EP1) FROM TOP OF TILE (WT2) TO CEILING.
F8 WOOD SEAT TO WATERFALL 7". WOOD SEAT TO BE MAPLE; STAIN TO MATCH DESIGNER'S CONTROL SAMPLE.
F9 WALLS, FLOOR, AND DOOR TO RECEIVE SECLUSION ROOM PADDING. REFER TO SPECIFICATIONS FOR INFORMATION.
F10 ALIGN FLOOR GRAPHIC WITH CEILING ABOVE.
F11 FULL HEIGHT VERTICAL STACK BOND.
F12 TYPICAL SINGLE USER RESTROOM. SEE CALLOUT 1/A810 FOR STANDARD FINISHES AND INSTALLATION.
F13 DO NOT PAINT BURNISHED BLOCK.
F14 EQUIPMENT FINISHES TO BE SELECTED BY ARCHITECT AND/OR CONSULTANT.



KEYPLAN

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

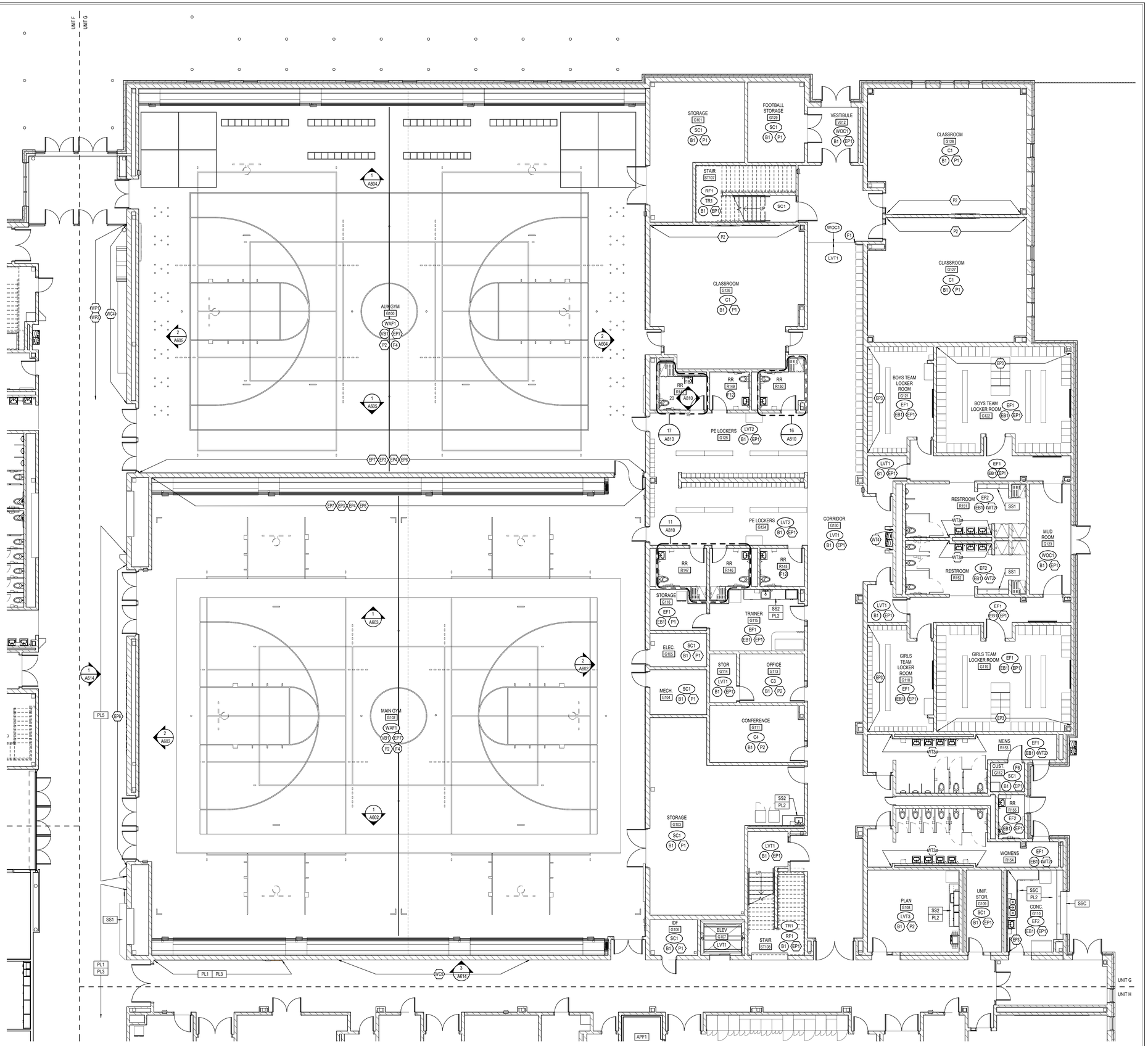
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MEO	TMP

DRAWING TITLE:
FIRST FLOOR FINISH PLAN - UNIT F

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A801F

PROJECT NUMBER
2023061



1 A801G FIRST FLOOR FINISH PLAN - UNIT G
SCALE: 1/8" = 1'-0"

*SEE A800 FOR GENERAL FINISH NOTES

FINISH TAG KEY

- XXX — FLOOR FINISH
- XX — BASE FINISH
- XX — WALL FINISH
- XXX / XXX — HORIZONTAL FINISH (COUNTERTOP) / VERTICAL FINISH (CASEWORK)
- XXX — COUNTERTOP, CASEWORK OR MISCELLANEOUS FINISH ONLY REFER TO FINISH LEGEND
- XX — ACCENT WALL FINISH
- FLOORING INSTALL DIRECTION

FINISH PLAN NOTES

F1 ALIGN FLOOR TRANSITION TO CASEWORK, OUTSIDE CORNER, OR AS INDICATED ON PLAN.
F2 WALL TILE (WT1) TO BE INSTALLED FROM TOP OF BASE TO 4 COURSES (6'-4" A.F.F.).
F3 INDICATED FINISHES APPLY TO ALL SIDES.
F4 EPOXY PAINT (EP2) TO EXTEND TO 15'-4" A.F.F. OR NEAREST COURSING ROW. PAINT (P1) TO EXTEND FROM TOP OF EPOXY PAINT (EP2) TO BOTTOM OF DECK. PAINT TRANSITION TO BE A CLEAN, TAPED, LEVEL LINE.
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F6 ALL CUSTODIAL MOP SINK LOCATIONS TO RECEIVE FRP. LENGTH AS NECESSARY, MINIMUM OF 2'-0" ON EITHER SIDE OF SINK. FRP TO START AT TOP OF BASE AND RUN FULL PANEL WIDTH (4'-0"). COLOR TO BE SELECTED FROM MANUFACTURER'S FULL RANGE.
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F13 DO NOT PAINT BURNISHED BLOCK.
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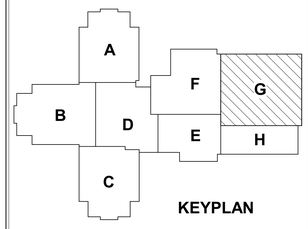

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

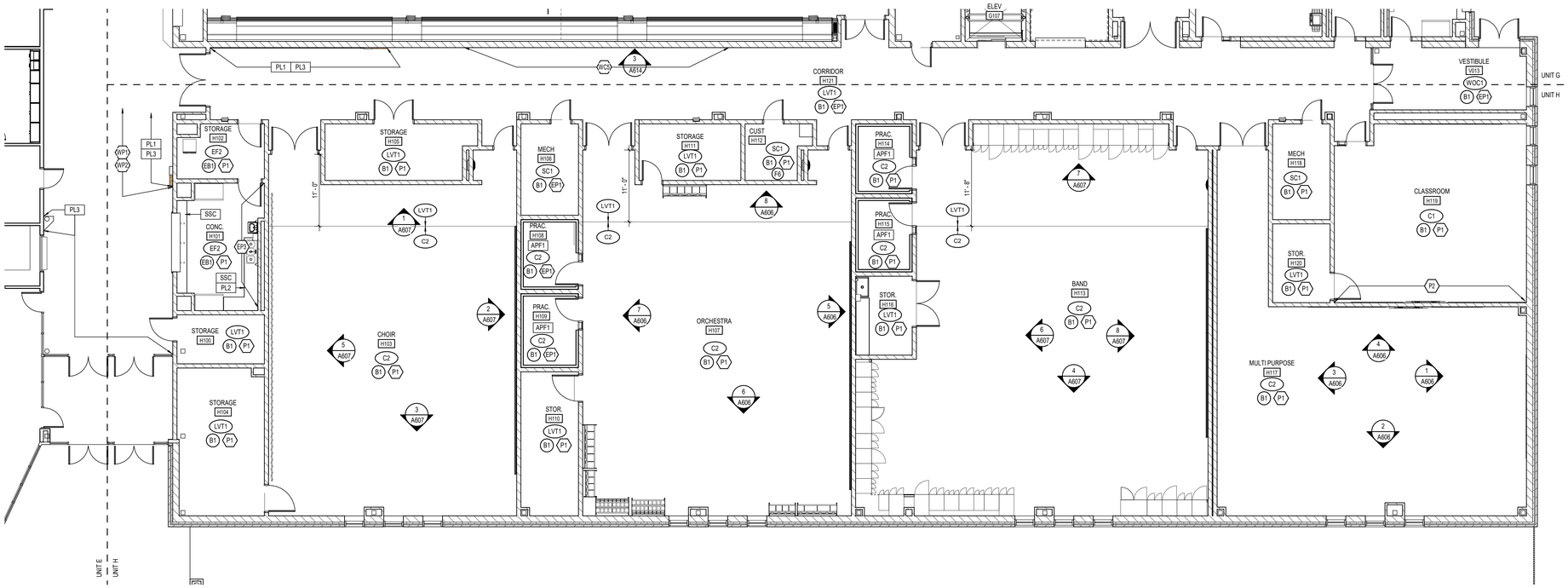
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MEO	TMP

DRAWING TITLE:
FIRST FLOOR FINISH PLAN - UNIT G

CERTIFIED BY:
BRENTON C. HITE REGISTERED No. AR11700184 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
A801G

PROJECT NUMBER
2023061



1 A801H FIRST FLOOR FINISH PLAN - UNIT H
SCALE: 1/8" = 1'-0"

*SEE A800 FOR GENERAL FINISH NOTES

FINISH TAG KEY

- XXX — FLOOR FINISH
- XX — BASE FINISH
- XX — WALL FINISH
- XXX / XXX — HORIZONTAL FINISH (COUNTERTOP) / VERTICAL FINISH (CASEWORK)
- XXX — COUNTERTOP, CASEWORK OR MISCELLANEOUS FINISH ONLY REFER TO FINISH LEGEND
- XX — ACCENT WALL FINISH
- FLOORING INSTALL DIRECTION

FINISH PLAN NOTES

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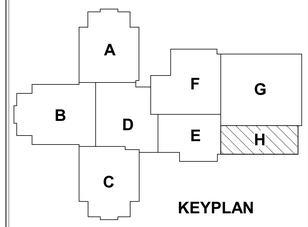

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

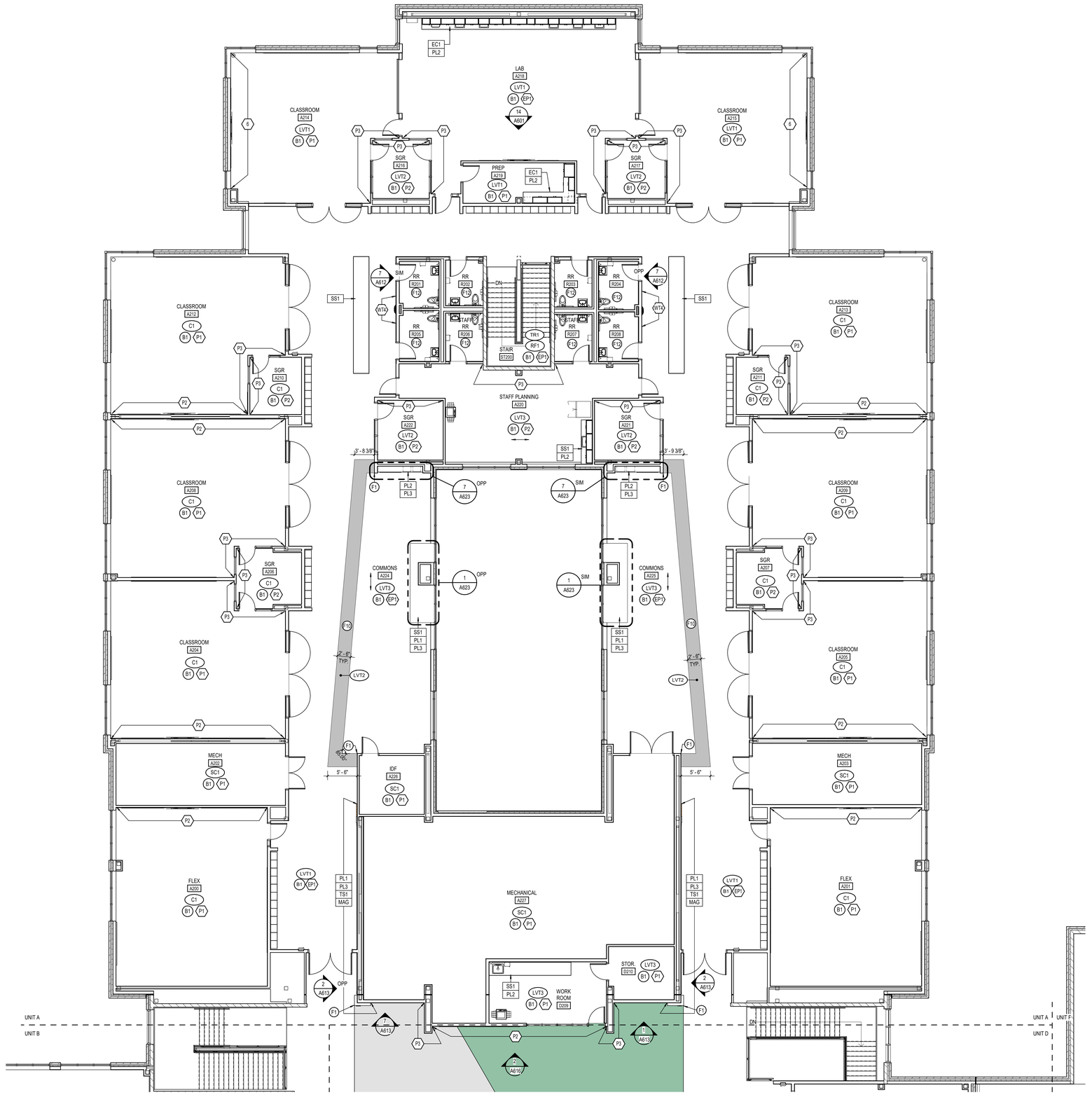
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MEO	TMP

DRAWING TITLE:
FIRST FLOOR FINISH PLAN - UNIT H

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A801H

PROJECT NUMBER
2023061



1 A802A SECOND FLOOR FINISH PLAN - UNIT A
SCALE: 1/8" = 1'-0"

*SEE A800 FOR GENERAL FINISH NOTES

FINISH TAG KEY

- (XXX) FLOOR FINISH
- (XX) BASE FINISH
- XX WALL FINISH
- XXX / XXX HORIZONTAL FINISH (COUNTERTOP) / VERTICAL FINISH (CASEWORK)
- XXX COUNTERTOP, CASEWORK OR MISCELLANEOUS FINISH ONLY REFER TO FINISH LEGEND
- XX ACCENT WALL FINISH
- FLOORING INSTALL DIRECTION

FINISH PLAN NOTES

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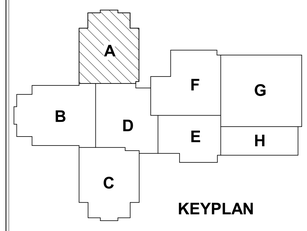

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PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

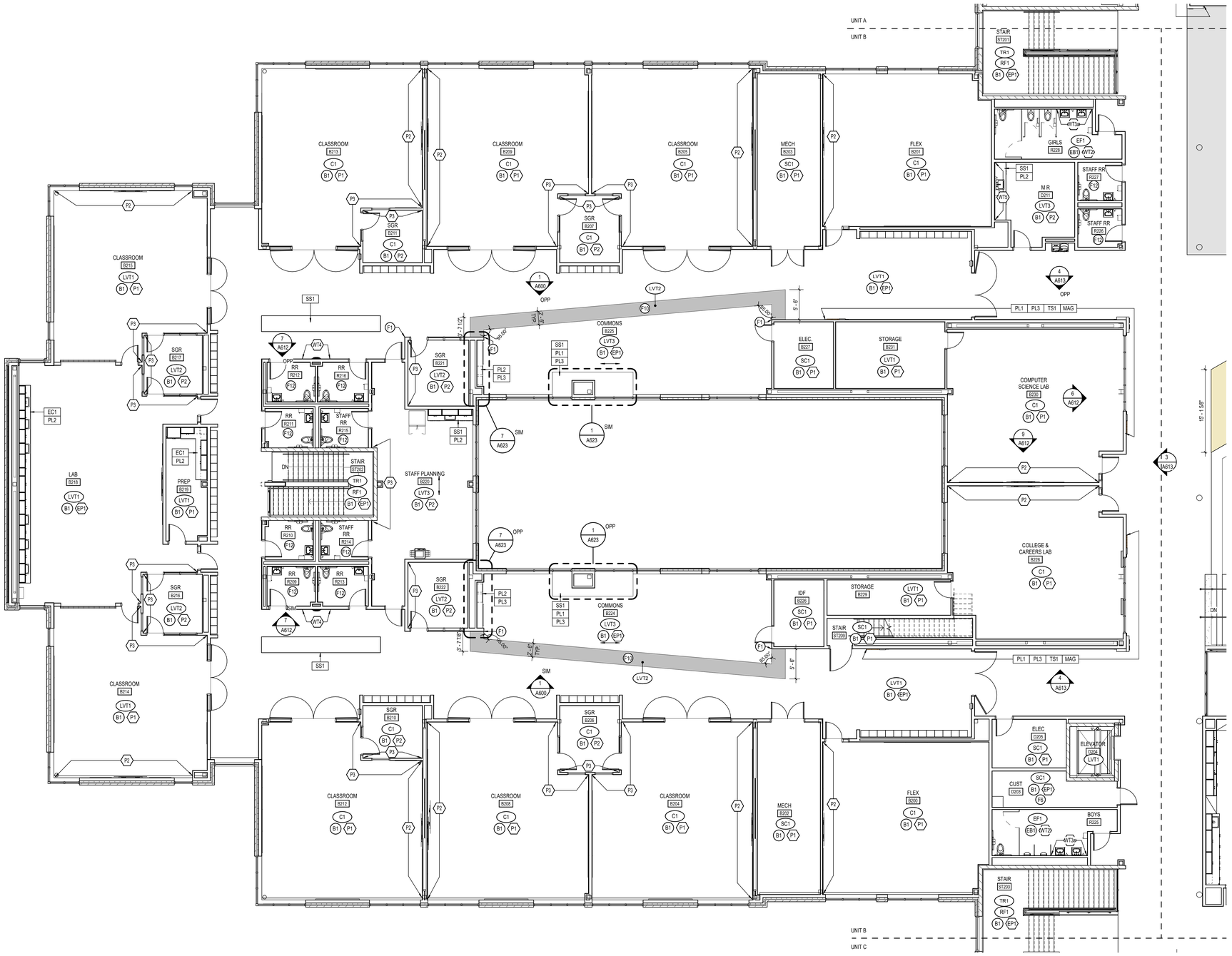
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MEO	TMP

DRAWING TITLE:
SECOND FLOOR FINISH PLAN - UNIT A

CERTIFIED BY:
BRENTON C. HOE
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A802A

PROJECT NUMBER
2023061



1 A802B SECOND FLOOR FINISH PLAN - UNIT B
SCALE: 1/8" = 1'-0"

*SEE A800 FOR GENERAL FINISH NOTES

FINISH TAG KEY

- (XXX) FLOOR FINISH
- (XX) BASE FINISH
- (XX) WALL FINISH
- XXX / XXX HORIZONTAL FINISH (COUNTERTOP) / VERTICAL FINISH (CASEWORK)
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- XX ACCENT WALL FINISH
- FLOORING INSTALL DIRECTION

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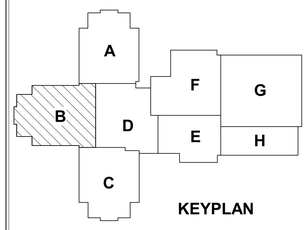

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PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

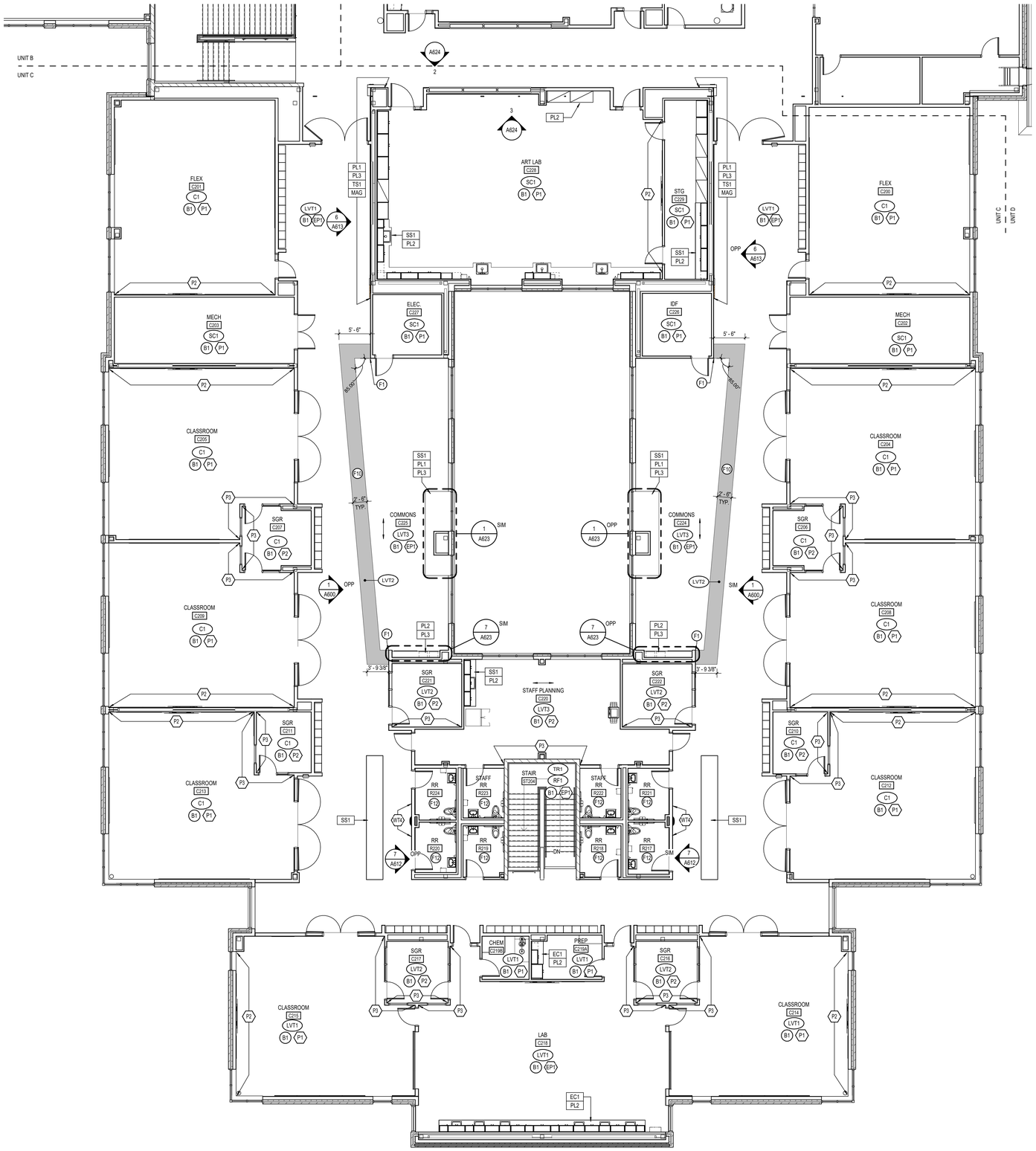
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MEO	TMP

DRAWING TITLE:
SECOND FLOOR FINISH PLAN - UNIT B

CERTIFIED BY:
BRENTON C. HITE REGISTERED No. AR11700184 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
A802B

PROJECT NUMBER
2023061



1 A802C SECOND FLOOR FINISH PLAN - UNIT C
SCALE: 1/8" = 1'-0"

*SEE A800 FOR GENERAL FINISH NOTES

FINISH TAG KEY

- XXX FLOOR FINISH
- XX BASE FINISH
- XX WALL FINISH
- XXX / XXX HORIZONTAL FINISH (COUNTERTOP) / VERTICAL FINISH (CASEWORK)
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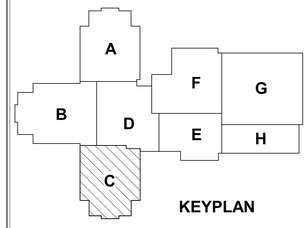

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PROJECT:
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17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

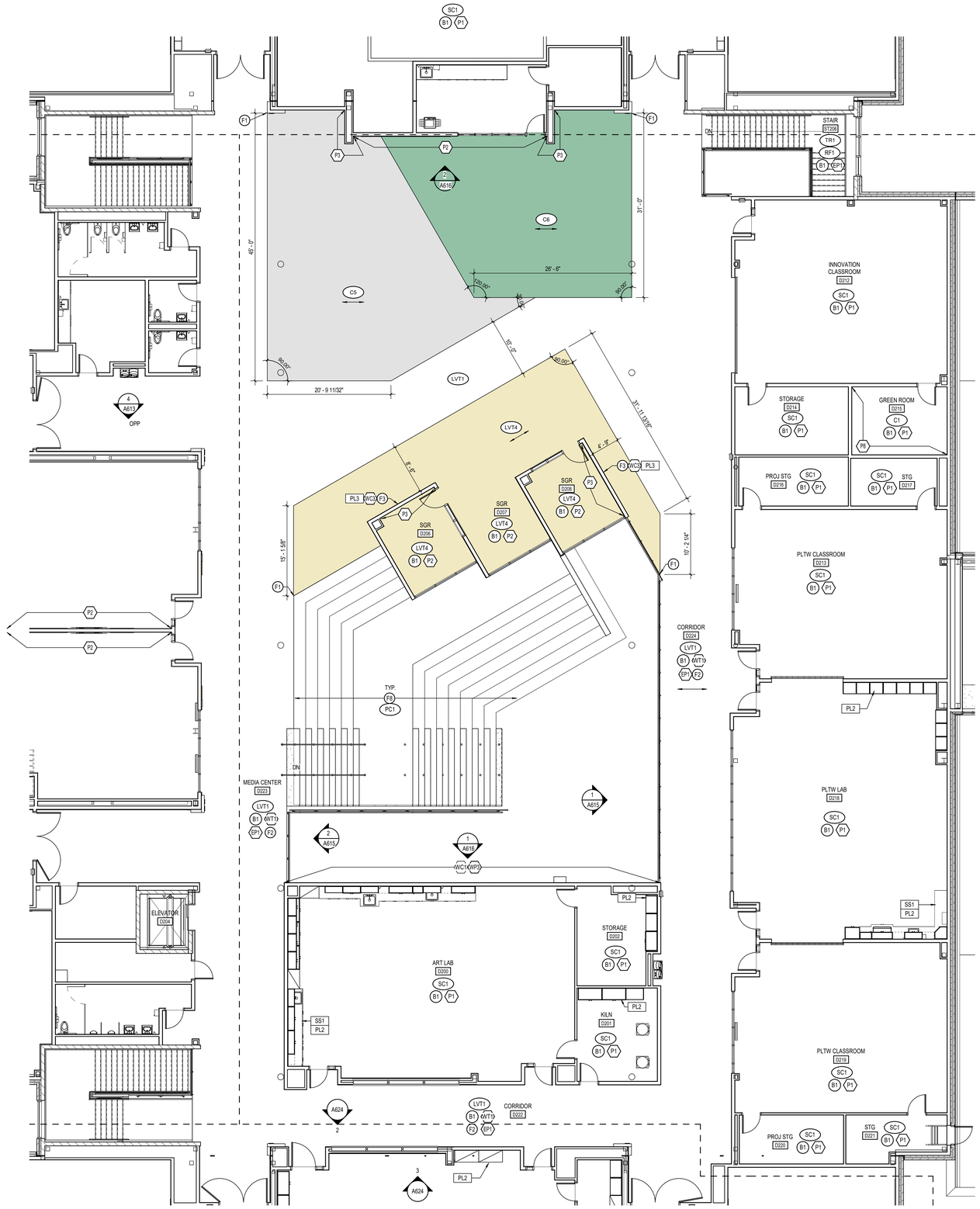
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MEO	TMP

DRAWING TITLE:
SECOND FLOOR FINISH PLAN - UNIT C

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A802C

PROJECT NUMBER
2023061



1 A802D SECOND FLOOR FINISH PLAN - UNIT D
SCALE: 1/8" = 1'-0"

*SEE A800 FOR GENERAL FINISH NOTES

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F7 WALL TILE (WT2) TO EXTEND FROM TOP OF BASE TO APPROX. 6'-4" (3 FULL COURSES) ON NON-WET WALLS. PAINT (EP1) FROM TOP OF TILE (WT2) TO CEILING.
F8 WOOD SEAT TO WATERFALL 7". WOOD SEAT TO BE MAPLE; STAIN TO MATCH DESIGNER'S CONTROL SAMPLE.
F9 WALLS, FLOOR, AND DOOR TO RECEIVE SECLUSION ROOM PADDING. REFER TO SPECIFICATIONS FOR INFORMATION.
F10 ALIGN FLOOR GRAPHIC WITH CEILING ABOVE.
F11 FULL HEIGHT VERTICAL STACK BOND.
F12 TYPICAL SINGLE USER RESTROOM. SEE CALLOUT 1/A810 FOR STANDARD FINISHES AND INSTALLATION.
F13 DO NOT PAINT BURNISHED BLOCK.
F14 EQUIPMENT FINISHES TO BE SELECTED BY ARCHITECT AND/OR CONSULTANT.

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
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On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

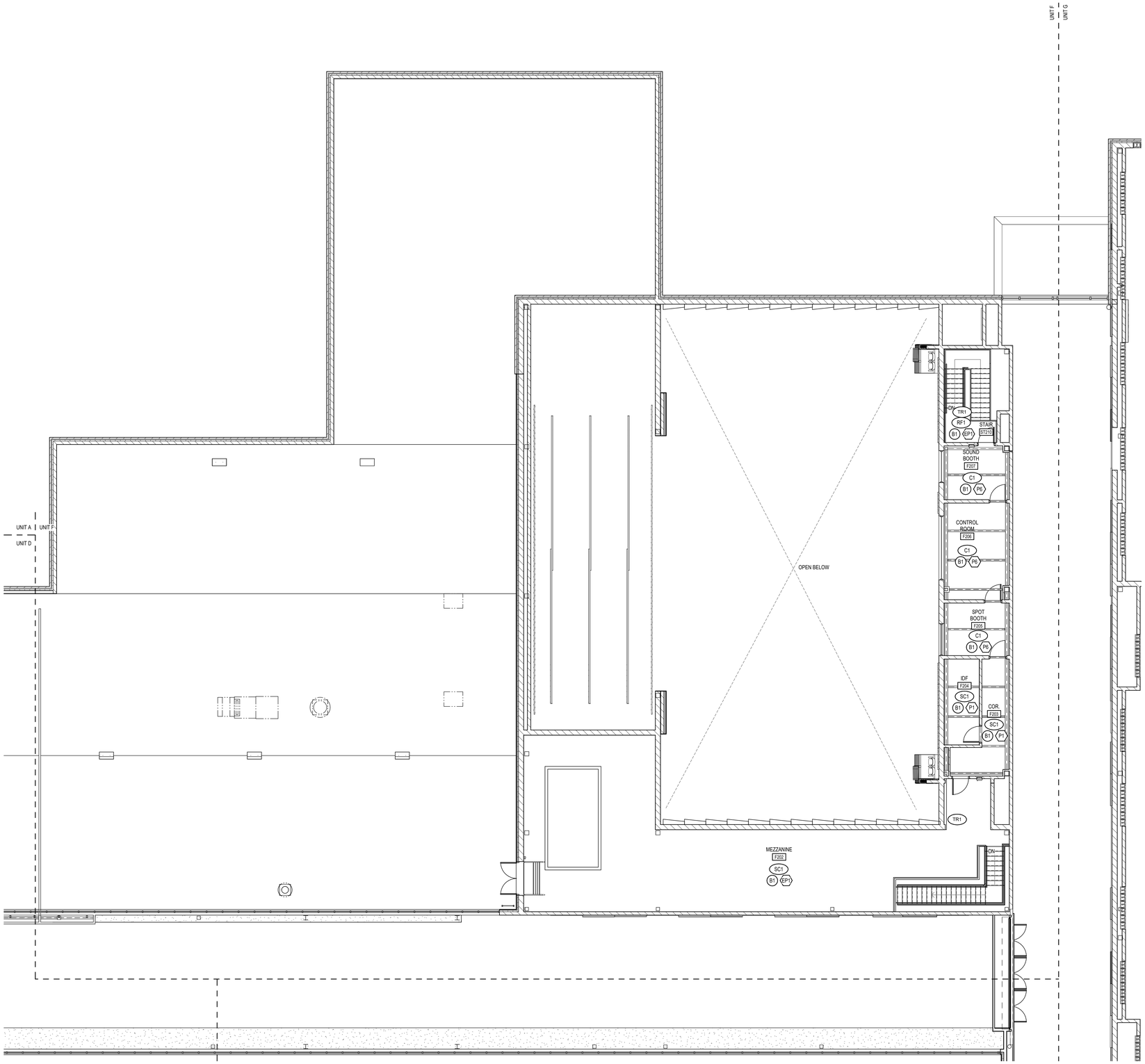
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MEO	TMP

DRAWING TITLE:
SECOND FLOOR FINISH PLAN - UNIT D

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A802D

PROJECT NUMBER
2023061



1 A802F SECOND FLOOR FINISH PLAN - UNIT F
SCALE: 1/8" = 1'-0"

*SEE A800 FOR GENERAL FINISH NOTES

FINISH TAG KEY

- XXX — FLOOR FINISH
- XX — BASE FINISH
- XX — WALL FINISH
- XXX / XXX — HORIZONTAL FINISH (COUNTERTOP) / VERTICAL FINISH (CASEWORK)
- XXX — COUNTERTOP, CASEWORK OR MISCELLANEOUS FINISH ONLY REFER TO FINISH LEGEND
- XX — ACCENT WALL FINISH
- FLOORING INSTALL DIRECTION

FINISH PLAN NOTES

F1 ALIGN FLOOR TRANSITION TO CASEWORK, OUTSIDE CORNER, OR AS INDICATED ON PLAN.
F2 WALL TILE (WT1) TO BE INSTALLED FROM TOP OF BASE TO 4 COURSES (6'-4" A.F.F.).
F3 INDICATED FINISHES APPLY TO ALL SIDES.
F4 EPOXY PAINT (EP2) TO EXTEND TO 15'-4" A.F.F. OR NEAREST COURSING ROW. PAINT (P1) TO EXTEND FROM TOP OF EPOXY PAINT (EP2) TO BOTTOM OF DECK. PAINT TRANSITION TO BE A CLEAN, TAPED, LEVEL LINE.
F5 NO FINISHES THIS AREA, U.N.O.
F6 ALL CUSTODIAL MOP SINK LOCATIONS TO RECEIVE FRP. LENGTH AS NECESSARY, MINIMUM OF 2'-0" ON EITHER SIDE OF SINK. FRP TO START AT TOP OF BASE AND RUN FULL PANEL WIDTH (4'-0"). COLOR TO BE SELECTED FROM MANUFACTURER'S FULL RANGE
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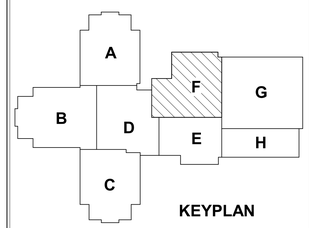
F11 FULL HEIGHT VERTICAL STACK BOND.
F12 TYPICAL SINGLE USER RESTROOM. SEE CALLOUT 1/A810 FOR STANDARD FINISHES AND INSTALLATION.
F13 DO NOT PAINT BURNISHED BLOCK.
F14 EQUIPMENT FINISHES TO BE SELECTED BY ARCHITECT AND/OR CONSULTANT.



KEYPLAN

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

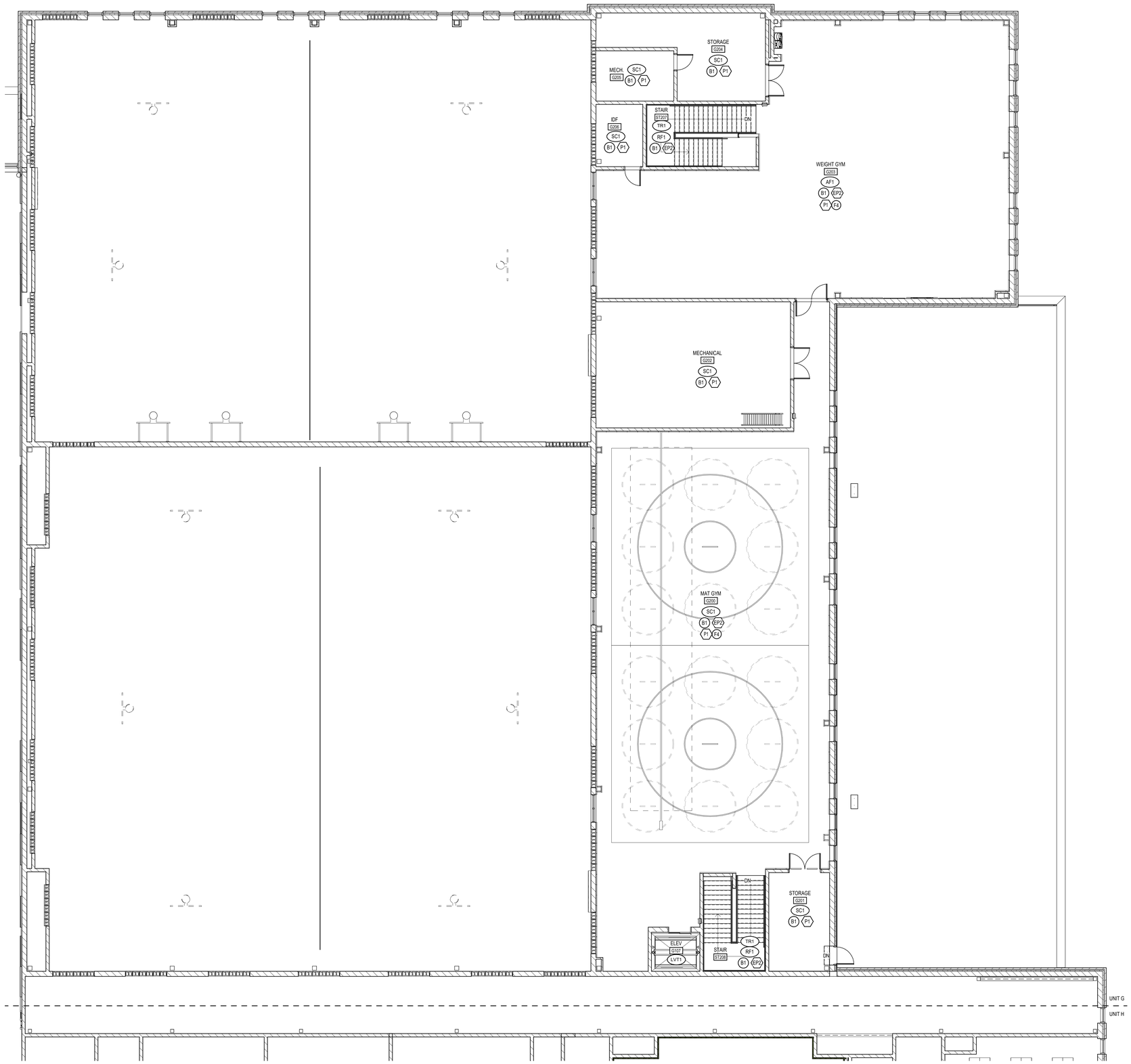
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MEO	TMP

DRAWING TITLE:
SECOND FLOOR FINISH PLAN - UNIT F

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A802F

PROJECT NUMBER
2023061



1 A802G SECOND FLOOR FINISH PLAN - UNIT G
SCALE: 1/8" = 1'-0"

*SEE A800 FOR GENERAL FINISH NOTES

FINISH TAG KEY

- XXX — FLOOR FINISH
- XX — BASE FINISH
- XX — WALL FINISH
- XXX / XXX — HORIZONTAL FINISH (COUNTERTOP) / VERTICAL FINISH (CASEWORK)
- XXX — COUNTERTOP, CASEWORK OR MISCELLANEOUS FINISH ONLY REFER TO FINISH LEGEND
- XX — ACCENT WALL FINISH
- FLOORING INSTALL DIRECTION

FINISH PLAN NOTES

F1 ALIGN FLOOR TRANSITION TO CASEWORK, OUTSIDE CORNER, OR AS INDICATED ON PLAN.
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F4 EPOXY PAINT (EP2) TO EXTEND TO 15'-4" A.F.F. OR NEAREST COURSING ROW. PAINT (P1) TO EXTEND FROM TOP OF EPOXY PAINT (EP2) TO BOTTOM OF DECK. PAINT TRANSITION TO BE A CLEAN, TAPED, LEVEL LINE.
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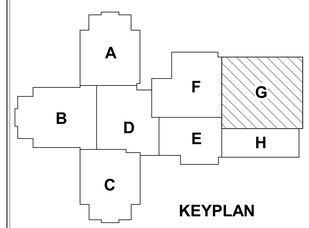
F13 DO NOT PAINT BURNISHED BLOCK.
F14 EQUIPMENT FINISHES TO BE SELECTED BY ARCHITECT AND/OR CONSULTANT.



KEYPLAN

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

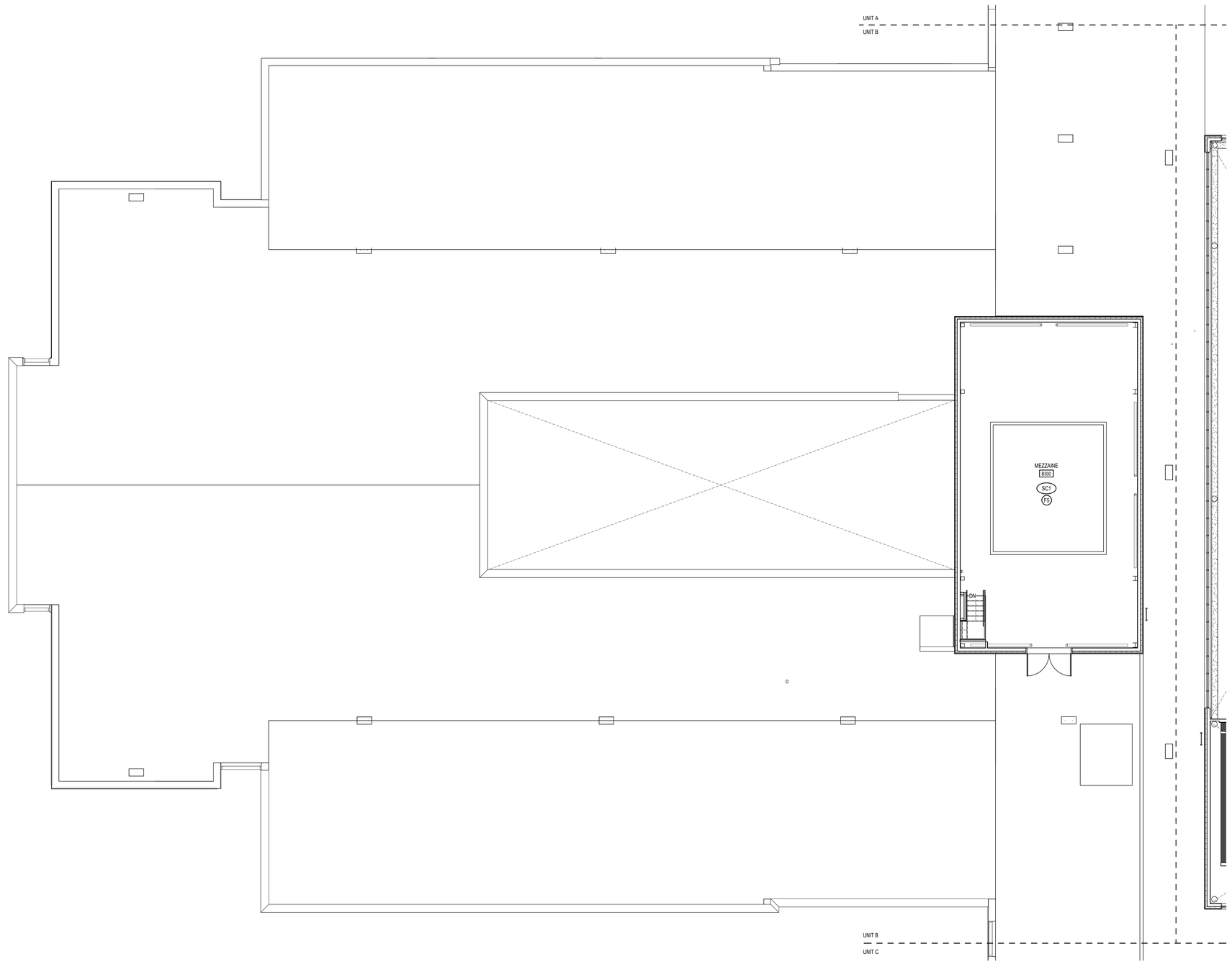
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MEO	TMP

DRAWING TITLE:
SECOND FLOOR FINISH PLAN - UNIT G

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A802G

PROJECT NUMBER
2023061



1 A803B MEZZANINE LEVEL - UNIT B Copy 1
SCALE: 1/8" = 1'-0"

*SEE A800 FOR GENERAL FINISH NOTES

FINISH TAG KEY

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- XX — BASE FINISH
- XX — WALL FINISH
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- FLOORING INSTALL DIRECTION

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PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

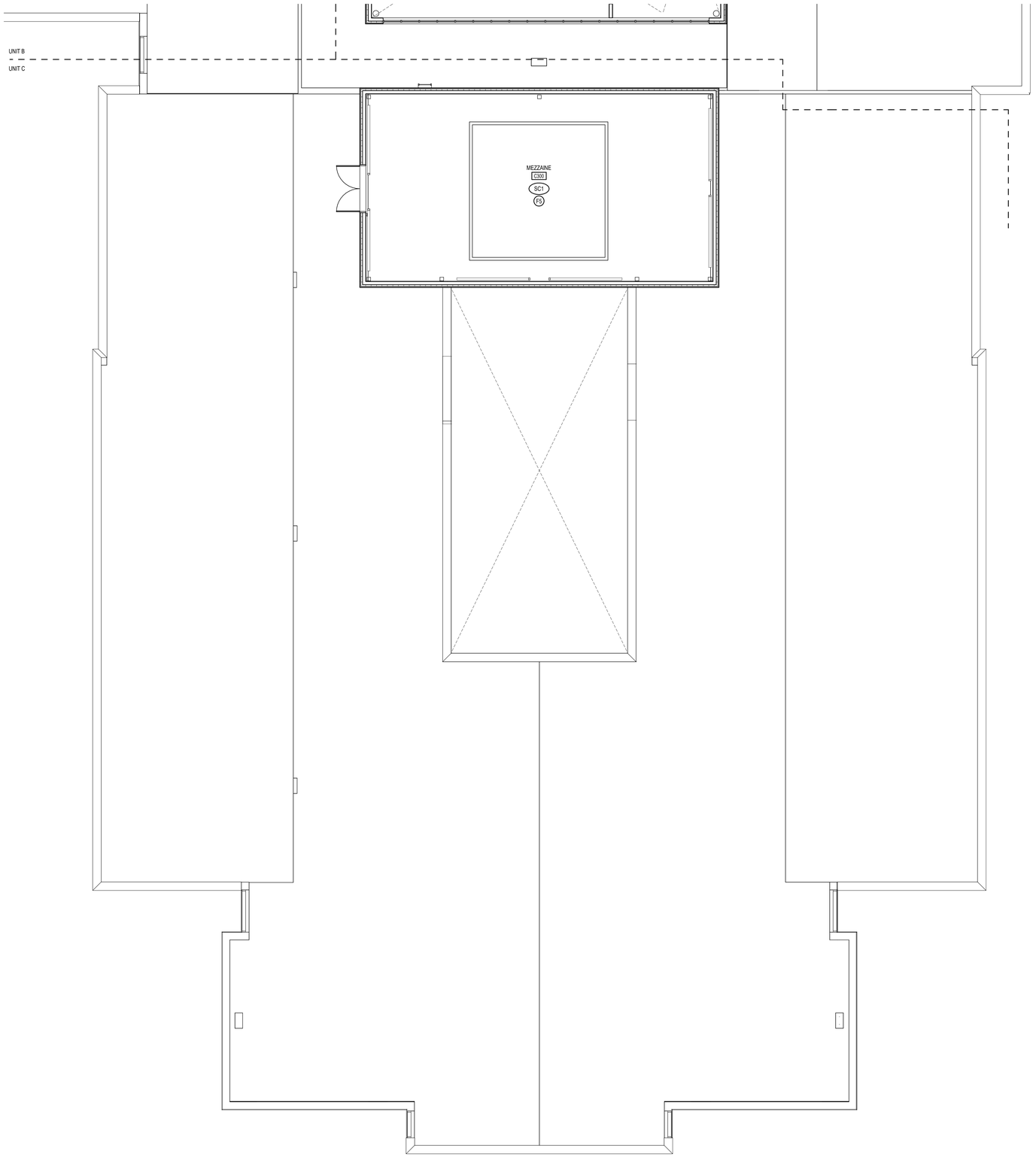
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	Author	Checker

DRAWING TITLE:
MEZZANINE LEVEL FINISH PLAN - UNIT B

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A803B

PROJECT NUMBER
2023061



1 A803C MEZZANINE LEVEL FINISH PLAN - UNIT C
SCALE: 1/8" = 1'-0"

*SEE A800 FOR GENERAL FINISH NOTES

FINISH TAG KEY

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- XX BASE FINISH
- XX WALL FINISH
- XXX / XXX HORIZONTAL FINISH (COUNTERTOP) / VERTICAL FINISH (CASEWORK)
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PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
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REVISIONS:

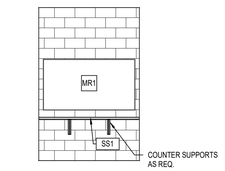
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	Author	Checker

DRAWING TITLE:
MEZZANINE LEVEL FINISH PLAN - UNIT C

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A803C

PROJECT NUMBER
2023061



22 A810 RESTROOM R151 - NORTH
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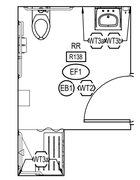
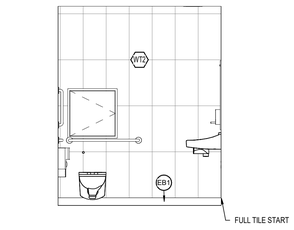
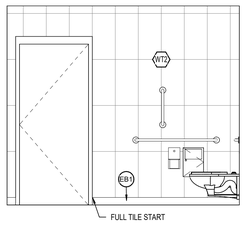


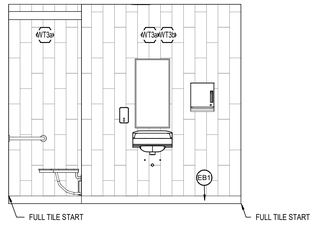
21 A810 RESTROOM R138
SCALE: 1/4" = 1'-0"



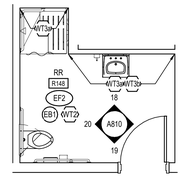
20 A810 RESTROOM 148 - WEST
SCALE: 3/8" = 1'-0"



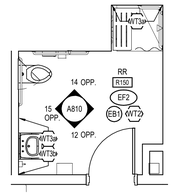
19 A810 RESTROOM 148 - SOUTH
SCALE: 3/8" = 1'-0"



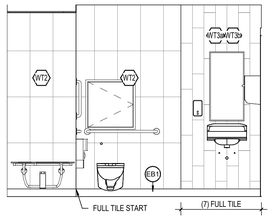
18 A810 RESTROOM 148 - NORTH
SCALE: 3/8" = 1'-0"



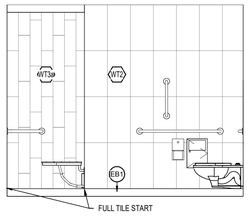
17 A810 RESTROOM R148
SCALE: 1/4" = 1'-0"



16 A810 RESTROOM R150
SCALE: 1/4" = 1'-0"



15 A810 RESTROOM R147 - WEST
SCALE: 3/8" = 1'-0"



14 A810 RESTROOM R147 - SOUTH
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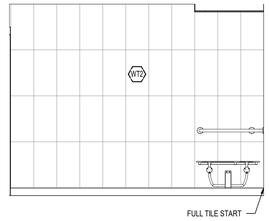

13 A810 RESTROOM R147 - EAST
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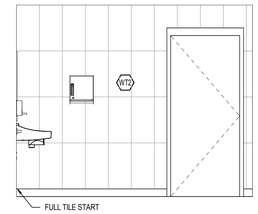
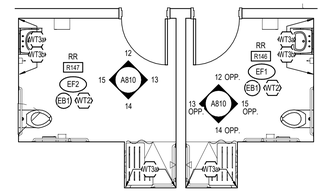
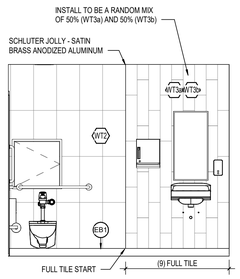


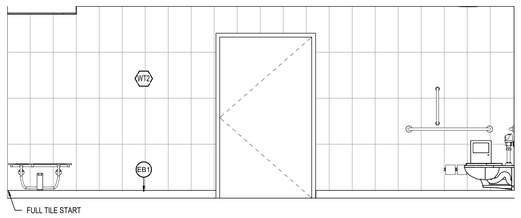
12 A810 RESTROOM R147 - NORTH
SCALE: 3/8" = 1'-0"



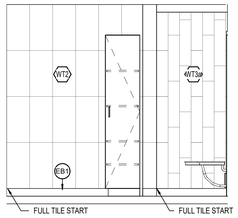
11 A810 TYPICAL SINGLE USER RR WITH SHOWER
SCALE: 1/4" = 1'-0"



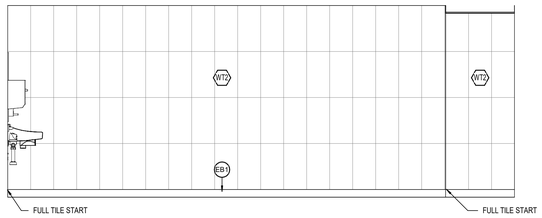
10 A810 RESTROOM R129 - WEST
SCALE: 3/8" = 1'-0"



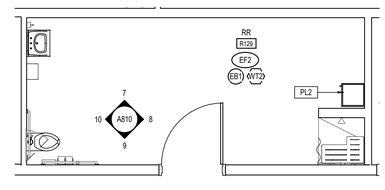
9 A810 RESTROOM R129 - SOUTH
SCALE: 3/8" = 1'-0"



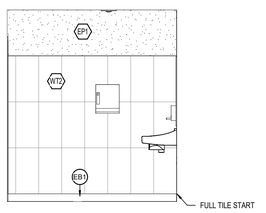
8 A810 RESTROOM R129 - EAST
SCALE: 3/8" = 1'-0"



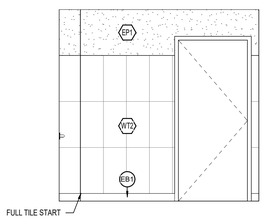
7 A810 RESTROOM R129 - NORTH
SCALE: 3/8" = 1'-0"



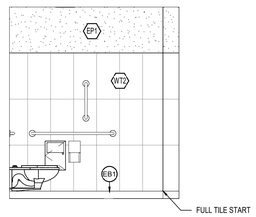
6 A810 RESTROOM R129 - ENLARGED FINISH PLAN
SCALE: 1/4" = 1'-0"



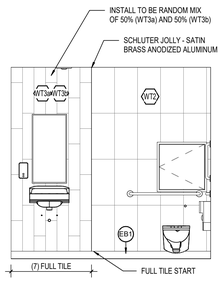
5 A810 SINGLE USER NON-WET WALL, TYPICAL
SCALE: 3/8" = 1'-0"



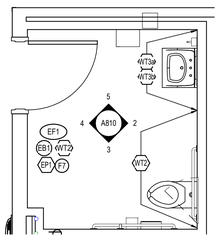
4 A810 SINGLE USER NON-WET WALL, TYPICAL
SCALE: 3/8" = 1'-0"



3 A810 SINGLE USER NON-WET WALL, TYPICAL
SCALE: 3/8" = 1'-0"



2 A810 SINGLE USER WET WALL, TYPICAL
SCALE: 3/8" = 1'-0"



1 A810 TYPICAL SINGLE USER RESTROOM
SCALE: 3/8" = 1'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the general requirements of the type of structural, mechanical and electrical systems.
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On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MEO	TMP

DRAWING TITLE:
ENLARGED FINISH RESTROOM PLANS AND ELEVATIONS

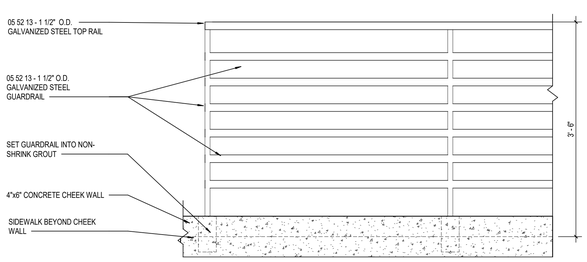
CERTIFIED BY:
BRENTON C. MYERS
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A810

PROJECT NUMBER
2023061

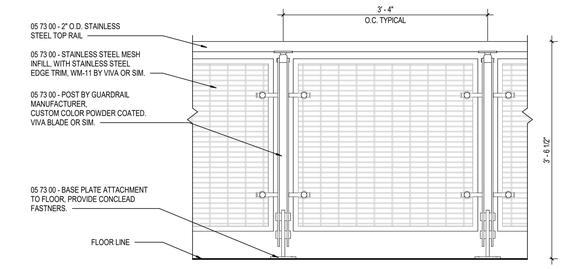
SPECIALTY EQUIPMENT SCHEDULE

TYPE MARK	DESCRIPTION	SPEC SECTION	MANUFACTURER	MODEL NO.	Size	REMARKS	FURNISHED BY	INSTALLED BY
AC1	FABRIC WRAPPED SOUND DIFFUSING ACOUSTICAL WALL PANELS	09 84 00	RPG Acoustical Systems	Waveform Gaussian W		FABRIC SELECTED FROM MANUFACTURERS FULL LINE. SIZED AS SHOWN ON INTERIOR ELEVATIONS.	CONTRACTOR	CONTRACTOR
AC2	FABRIC WRAPPED SOUND ABSORBING ACOUSTICAL WALL PANELS	09 84 00	SEE SPECS	SEE SPECS	<varies>	FABRIC SELECTED FROM MANUFACTURERS FULL LINE. SIZED AS SHOWN ON INTERIOR ELEVATIONS.	CONTRACTOR	CONTRACTOR
AC3	FABRIC WRAPPED SOUND ABSORBING ACOUSTICAL WALL PANELS	09 84 00	SEE SPECS	SEE SPECS		FABRIC SELECTED FROM MANUFACTURERS FULL LINE. SIZED AS SHOWN ON INTERIOR ELEVATIONS.	CONTRACTOR	CONTRACTOR
AED	AED CABINET WITH AED DEVICE	10 43 13	ACTIVAR	1416F12FX2		AED CABIENT AND AED DEVICE, SEMI-RECESSED	CONTRACTOR	CONTRACTOR
AP1	REFRIGERATOR	11 30 13	GE	GDE25EYKFS			CONTRACTOR	CONTRACTOR
AP2	ELECTRIC RANGE	11 30 13	GE	PB900YVFS			CONTRACTOR	CONTRACTOR
AP3	GLASS DOOR PASS THROUGH REFRIGERATOR	11 30 13	TRUE	STA2RPT-2G-2G-HC			CONTRACTOR	CONTRACTOR
AP4	FRONT LOAD DRYER	11 30 13	GE	PFD87ESSVWW			CONTRACTOR	CONTRACTOR
AP5	FRONT LOAD WASHER	11 30 13	GE	PFW8700SVWW			CONTRACTOR	CONTRACTOR
AP6	DOUBLE DOOR REFRIGERATOR	11 30 13	GE	PYE22KYNFS			CONTRACTOR	CONTRACTOR
AP7	ICE MACHINE WITH STORAGE BIN	11 30 13	HOSHIZAKI AMERICA, INC.	F-330BAJ-C			CONTRACTOR	CONTRACTOR
AP8	GLASS DOOR MERCHANDISER	-	-	BY OWNER		BOTTLE COOLER FOR CONCESSION LOCATIONS	BY OWNER	BY OWNER
AP9	ABOVE RANGE HOOD	11 30 13	GE	PVX7300SJSS		COORDINATE POWER OUTLET IN CABINET ABOVE HOOD	CONTRACTOR	CONTRACTOR
AP10	STACKED WASHER AND DRYER COMBO	11 30 13	GE	GUV27ESSMWW			CONTRACTOR	CONTRACTOR
AP11	STEM GARDEN MICRO-FARM	11 30 13	BABYLON MICRO-FARMS				CONTRACTOR	CONTRACTOR
AP12	UNDER COUNTER ICE MACHINE	11 30 13	SUMMIT	BIM26H32			CONTRACTOR	CONTRACTOR
AP13	UPRIGHT FREEZER	11 30 13	GE	FUF14DLRWW			CONTRACTOR	CONTRACTOR
AP14	DROP IN - ELECTRIC RANGE	11 30 13	GE	JD630STSS			CONTRACTOR	CONTRACTOR
AP15	MICROWAVE	11 30 13	GE	PEB9159SJSS			CONTRACTOR	CONTRACTOR
AP16	ADA HEIGHT BUILT-IN DISHWASHER	11 30 13	GE	GDT226SSLSS		DISHWASHER FOR LOW PROFILE INSTALL UNDER 2'-10" COUNTER TOP	CONTRACTOR	CONTRACTOR
AP17	UNDERCOUNTER REFRIGERATOR	11 30 13	SUMMIT	AL54		ADA HEIGHT 34"	CONTRACTOR	CONTRACTOR
AP18	INDUSTRIAL FRONT LOAD WASHER	11 30 13	SPEED QUEEN	FF7010WN			CONTRACTOR	CONTRACTOR
AP19	INDUSTRIAL FRONT LOAD DRYER	11 30 13	SPEED QUEEN	DF70GWE			CONTRACTOR	CONTRACTOR
CG1	SURFACE MOUNTED CORNER GUARD - LENGTH VARIES	10 26 00	ACROVYN	SEE SPECS		LENGTH FROM TOP OF VINYL WALL BASE TO FINISHED CEILING HEIGHT	CONTRACTOR	CONTRACTOR
CG2	SURFACE MOUNTED CORNER GUARD - LENGTH VARIES	10 26 00	ACROVYN	SEE SPECS		LENGTH FROM TOP OF VINYL WALL BASE TO FINISHED CEILING HEIGHT	CONTRACTOR	CONTRACTOR
CR	COAT ROD, SHELF AND BRACKETS	06 40 23	-	-		COAT ROD, SHELF AND BRACKETS, FULL WIDTH. INSTALL ROD @ + 5'-6" AFF 12" DEEP PLASTIC LAMINATE SELF	CONTRACTOR	CONTRACTOR
CR1	DOUBLE HIGH COAT ROD, SHELF AND BRACKETS	06 40 23	-	-		DOUBLE HIGH COAT RODS AND SHELVES, BOTTOM ROD @ 40" TOP @ 82", 12" DEEP PLASTIC LAMINATE SHELF ON BOTH LEVELS	CONTRACTOR	CONTRACTOR
CT1	BACKDROP PLATFORM CURTAIN AND OVERHEAD TRACK	11 61 43	-			COORDINATE TRACK INSTALL W/ ARCHITECT AND STRUCTURAL DWGS	CONTRACTOR	CONTRACTOR
CT2	MASKING CURTAIN AND OVERHEAD TRACK	11 61 43	-			COORDINATE TRACK INSTALL W/ ARCHITECT AND STRUCTURAL DWGS	CONTRACTOR	CONTRACTOR
CT3	BACKDROP PLATFORM CURTAIN AND OVERHEAD TRACK	11 61 43	-			COORDINATE TRACK INSTALL W/ ARCHITECT AND STRUCTURAL DWGS	CONTRACTOR	CONTRACTOR
CT4	CUBICLE CURTAIN AND TRACK	10 21 23	-			HANG 1' FROM FLOOR, TRACK LENGTH AS SHOWN ON PLANS	CONTRACTOR	CONTRACTOR
CT5	CURTAIN ON WALL TRACK	11 61 43	-			WALL SUPPORTED CURTAIN WITH TRACK, MANUAL PULL / DRAW TO ONE SIDE	CONTRACTOR	CONTRACTOR
DC1	7'-0"H x 8'-0"W DISPLAY CASE	10 12 00	CLARIDGE	370 SERIES		-	CONTRACTOR	CONTRACTOR
DC2	7'-0"H x 10'-0"W DISPLAY CASE	10 12 00	CLARIDGE	370 SERIES		-	CONTRACTOR	CONTRACTOR
DC3	7'-0"H x 14'-0"W DISPLAY CASE	10 12 00	CLARIDGE	370 SERIES		-	CONTRACTOR	CONTRACTOR
DC4	7'-0"H x 8'-0"W DISPLAY CASE	10 12 00	CLARIDGE	370 SERIES		-	CONTRACTOR	CONTRACTOR
EJ	EXPANSION JOINT AND COVER LOCATION	<varies>	SEE SPECS	SEE SPECS		INSTALL EXPANSOIN JOINT AND COVER AT THIS LOCATION, COORDINATE W/ CEILING AND ROOF EXPANSOIN JOINTS	CONTRACTOR	CONTRACTOR
FE1	SEMI-RECESSED CABINET & FIRE EXTINGUISHER	10 44 13	AMBASSADOR	JL INDUSTRIES		SEMII-RECESSED CABINET AND 10LB COSMIC FIRE EXTINGUISHER, 3" ROLLD CABINET, 1017	CONTRACTOR	CONTRACTOR
FEB	FIRE EXTINGUISHER ON BRACKET	10 44 13	COSMIC 10LB	JL INDUSTRIES		MOUNT ON WALL BRACKET	CONTRACTOR	CONTRACTOR
FEK	KITCHEN FIRE EXTINGUISHER ON BRACKET	10 44 13	SATURN SERIES	JL INDUSTRIES		2 1/2 GALLON, CLASS K, STAINLESS STEEL	CONTRACTOR	CONTRACTOR
GC	WALL CABINET - GOGGLE CABINET	11 53 13	STEVENS INDUSTRIES	52192		PROVIDE (40) 52196 CHEMICAL SPLASH GOGGLES PER CABINET	CONTRACTOR	CONTRACTOR
GE1	MAXAM BLEACHER BANK	12 66 00	HUSSEY SEATING COMPANY	MAXAM		24" ROW AND 9 5/8" RISE BLEACHERS, WITH WOOD SEATS	CONTRACTOR	CONTRACTOR
GE2	MAXAM BLEACHER AISLE	12 66 00	HUSSEY SEATING COMPANY	MAXAM		24" ROW AND 9 5/8" RISE AISLE	CONTRACTOR	CONTRACTOR
GE3	SCOREBOARD - AUXILIARY	11 66 23	DAKTRONICS	SEE SPECS	-	-	CONTRACTOR	CONTRACTOR
GE4	BASKETBALL BACKSTOP CEILING MOUNTED - FORWARD FOLD	11 66 23	DRAPER INC	TF-20			CONTRACTOR	CONTRACTOR
GE5	INDOOR BATTING CAGE	11 66 23	DRAPER INC	SEE SPECS			CONTRACTOR	CONTRACTOR
GE6	WRESTLING MAT WITH 8 PRACTICE LINE SETS	-	-	-		-	OWNER	OWNER
GE7	WALL MOUNTED, SIDE FOLDING BASKETBALL BACKSTOP	11 66 23	DRAPER INC	DGW			CONTRACTOR	CONTRACTOR
GE8	MOTORIZED GYM DIVIDER CURTAIN	11 6 53	DRAPER INC	ROLL-UP GYM DIVIDER		COORDINATE IN AUX GYM WITH LU-UNO SYSTEM PER DIVISION 27 SPECS.	CONTRACTOR	CONTRACTOR
GE9	VOLLEYBALL FLOOR INSERT / POLE	-	-	-		SPORTS IMPORT FLOOR INSERT, PROVIDED BY OWNER	OWNER	CONTRACTOR
GE11	WALL PADDING	11 66 23	DRAPER INC	SEE SPECS			CONTRACTOR	CONTRACTOR
GE12	PULL UP BAR	11 66 23	SEE SPECS	SEE SPECS		OWNER TO DETERMINE LOCATION	CONTRACTOR	CONTRACTOR
GL1	BASKETBALL GAME LINES	09 64 66	-	-		50'-0"W x 84'-0"L COURT. GAME LINES TO BE BLACK.	CONTRACTOR	CONTRACTOR
IS1	CELLO RACK - 4 UNIT	12 32 19	WENGER	14BJ001			CONTRACTOR	CONTRACTOR
IS2	CELLO RACK - 6 UNIT	12 32 19	WENGER	14BJ002			CONTRACTOR	CONTRACTOR
IS3	BASS RACK - 4 UNIT	12 32 19	WENGER	14BJ004			CONTRACTOR	CONTRACTOR
IS4	BAND STORAGE UNIT	12 32 19	WENGER	#04			CONTRACTOR	CONTRACTOR
IS5	BAND STORAGE UNIT	12 32 19	WENGER	#05			CONTRACTOR	CONTRACTOR
IS6	VIOLIN RACK - 16 UNIT	12 32 19	WENGER	16 Unit			CONTRACTOR	CONTRACTOR
IS7	BAND STORAGE UNIT	12 35 83	WENGER	#23				
IS8	BAND STORAGE UNIT	12 35 83	WENGER	#02				
IS10	BAND STORAGE UNIT	12 32 19	WENGER	#10			CONTRACTOR	CONTRACTOR
IS11	BAND STORAGE UNIT	12 32 19	WENGER	#11			CONTRACTOR	CONTRACTOR
IS12	BAND STORAGE UNIT	12 32 19	WENGER	#12			CONTRACTOR	CONTRACTOR
IS13	BAND STORAGE UNIT	12 35 83	WENGER	#23				
KL1	KILN	11 58 00	SKUTT	-		WITH VENT-A-KILN OVERHEAD VENT	CONTRACTOR	CONTRACTOR
LB1	ADA HARDWOOD BENCH	10 51 13	ASI	-		WALL MOUNTED ADA BENCH	CONTRACTOR	CONTRACTOR
LB2	HARDWOOD TOP LOCKER BENCH	10 51 13	ASI	-		HARDWOOD BENCH - 9 1/2" WIDE	CONTRACTOR	CONTRACTOR
LB3	HARDWOOD TOP LOCKER BENCH	10 51 13	ASI	-		HARDWOOD BENCH - 9 1/2" WIDE	CONTRACTOR	CONTRACTOR
LB4	HARDWOOD TOP LOCKER BENCH	10 51 13	ASI	-		HARDWOOD BENCH - 9 1/2" WIDE	CONTRACTOR	CONTRACTOR
LB5	ADA HARDWOOD BENCH WITH BACK	10 51 13	ASI	-		FLOOR MOUNTED ADA BENCH WITH BACK	CONTRACTOR	CONTRACTOR
LD	EDGE OF DOCK LAMINATED DOCK BUMPER	11 13 13	BLUE GIANT EQUIPMENT CORP	DB512		COORDINATE FINAL LOCATION IN THE FIELD	CONTRACTOR	CONTRACTOR
LF	LOCKER FILLER PANEL	10 51 13/29	-			FILLER PANEL, FULL WIDTH AND HEIGHT OF LOCKER AREA	CONTRACTOR	CONTRACTOR
LK1	DOUBLE TIER PHENOLIC LOCKER	10 51 29	ASI	CUSTOM		DOUBLE TIER, PER ELEVATION ON A624	CONTRACTOR	CONTRACTOR
LK2	TRIPLE TIER PHENOLIC LOCKER	10 51 29	ASI	CUSTOM		TRIPLE TIER LOCKER, PER ELEVATION ON A624	CONTRACTOR	CONTRACTOR
LK3	TRIPLE TIER METAL LOCKER	10 51 13	ASI	-		TRIPLE TIER - 12"D. x 12"W. 60" TALL ON CONCRETE BASE	CONTRACTOR	CONTRACTOR
LK4	DOUBLE TIER METAL LOCKER	10 51 13	ASI	-		SINGLE TIER - 18"D x 18"W x 72" TALL ON CONCRETE BASE	CONTRACTOR	CONTRACTOR
LK5	DOUBLE TIER METAL LOCKER	10 51 13	ASI	-		DOUBLE TIER - 12"D x 12"W x 72" TALL, ON CONCRETE BASE	CONTRACTOR	CONTRACTOR
LK6	DOUBLE TIER METAL LOCKER	10 51 13	ASI	-		18"W. x 24"D. x 36" H DOUBLE TIER, ON CONCRETE LOCKER BASE	CONTRACTOR	CONTRACTOR
LK7	DOUBLE TIER METAL CORRIDOR LOCKER	10 51 13	ASI	-		15"W x 15"D x 72"H DOUBLE TIER LOCKER ON METAL Z-BASE.	CONTRACTOR	CONTRACTOR
MB1	16'-0"W x 4'-0"H MARKERBOARD	10 11 00	POLYVISION	-			CONTRACTOR	CONTRACTOR
MB3	4'-0"W x 7'-0"H MARKERBOARD	10 11 00	POLYVISION				CONTRACTOR	CONTRACTOR
MB4	4'-0"W x 6'-0"H MARKERBOARD	10 11 00	POLYVISION				CONTRACTOR	CONTRACTOR
MB5	5'-0"W x 6'-0"H MARKERBOARD	10 11 00	POLYVISION				CONTRACTOR	CONTRACTOR
MB6	6'-0"W x 4'-0"H MARKERBOARD	10 11 00	POLYVISION	-			CONTRACTOR	CONTRACTOR
MB7	4'-0"W x 5'-0"H MARKERBOARD	10 11 00	POLYVISION				CONTRACTOR	CONTRACTOR
MR1	WALL MIRROR	08 83 00	SEE SPEC #10 21 13	40"x72"		MOUNT 4" AFF COUNTER	CONTRACTOR	CONTRACTOR
MR2	STAINLESS STEEL WALL MIRROR	08 83 00	SEE SPEC #10 21 13	36"x84"		MOUNT 4" AFF	CONTRACTOR	CONTRACTOR
MR3	WALL MIRROR	08 83 00	SEE SPEC #10 21 13	36"x84"		MOUNT 4" AFF	CONTRACTOR	CONTRACTOR
MW1	COUNTERTOP MICROWAVE	-	-	-		-	CONTRACTOR	CONTRACTOR
PC1	PHOTOCOPIER/PRINTER	-	-	-			OWNER	OWNER
SC	STAK-A-CAB STORAGE CABINET	11 53 13	FLINN SCIENTIFIC	SE2063		THREE HIGH CABINETS, WITH COMBO ACID, FLAMMABLES STORAGE WITH FLOOR STAND	CONTRACTOR	CONTRACTOR
SL1	ALUMINUM SHIPS LADDER	05 50 00	O'KEEFFE'S	523		SEE SPECS	CONTRACTOR	CONTRACTOR
TB1	4'-0" H TACK BOARD WALL COVERING	10 11 46	WAL-TALKER	SEE SPECS			CONTRACTOR	CONTRACTOR
TB2	4'-0" HIGH FIXED TACK BOARD	10 11 00	CLARIDGE	SEE SPECS		MOUNT TOP @ +(7'-0")	CONTRACTOR	CONTRACTOR
TC	TRASH COMPACTOR	-	BY OWNER	BY OWNER		COORDINATE ALL HOOK UPS IN LOADING DOCK AS REQUIRED	OWNER	OWNER
TS	ALL GLASS DISPLAY CASE	06 40 00	MILLWORK	AS SHOWN ON DWGS			CONTRACTOR	CONTRACTOR
TV1	FLAT PANEL MONITOR 65"	-	-			SEE DIVISION 27 SPECS	CONTRACTOR	CONTRACTOR
WA1	FABRIC WRAPPED SOUND ABSORBING ACOUSTICAL WALL PANELS	09 84 00	SEE SPECS			FABRIC SELECTED FROM MANUFACTURERS FULL LINE. SIZED AS SHOWN ON INTERIOR ELEVATIONS.	CONTRACTOR	CONTRACTOR
WA4	FABRIC WRAPPED SOUND ABSORBING ACOUSTICAL WALL PANELS	09 84 00	SEE SPECS			FABRIC SELECTED FROM MANUFACTURERS FULL LINE. SIZED AS SHOWN ON INTERIOR ELEVATIONS.	CONTRACTOR	CONTRACTOR
WA6	FABRIC WRAPPED SOUND ABSORBING ACOUSTICAL WALL PANELS	09 84 00	SEE SPECS			FABRIC SELECTED FROM MANUFACTURERS FULL LINE. SIZED AS SHOWN ON INTERIOR ELEVATIONS.	CONTRACTOR	CONTRACTOR
WA7	WOOD SOUND DIFFUSIVE UNITS	09 82 00	RPG ACOUSTICAL SYSTEMS	MODFFUSOR	24"W x 8"D x 72"H	MAPLE WOOD DIFFUSIVE UNITS, SET IN WALL RECESS WITH MAPLE WOOD TRIM	CONTRACTOR	CONTRACTOR
WP1								
WP2			<varies>					
WS1	MOTORIZED DUAL ROLLER WINDOW SHADE	12 24 13	DRAPER INC	SEE SPECS	FULL WIDTH OF WINDOW		CONTRACTOR	CONTRACTOR
WS2	MANUAL DUAL ROLLER WINDOW SHADE	12 24 13	DRAPER INC	SEE SPECS	FULL WIDTH OF WINDOW		CONTRACTOR	CONTRACTOR
WS5	MANUAL SINGLE ROLLER BLACKOUT SHADE	12 24 13	DRAPER INC	SEE SPECS	FULL WIDTH OF WINDOW		CONTRACTOR	CONTRACTOR



LOADING DOCK GUARDRAIL

SCALE: 1" = 1'-0"



SERVING LINE GUARDRAIL ELEVATION

SCALE: 1" = 1'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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The Trade Contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

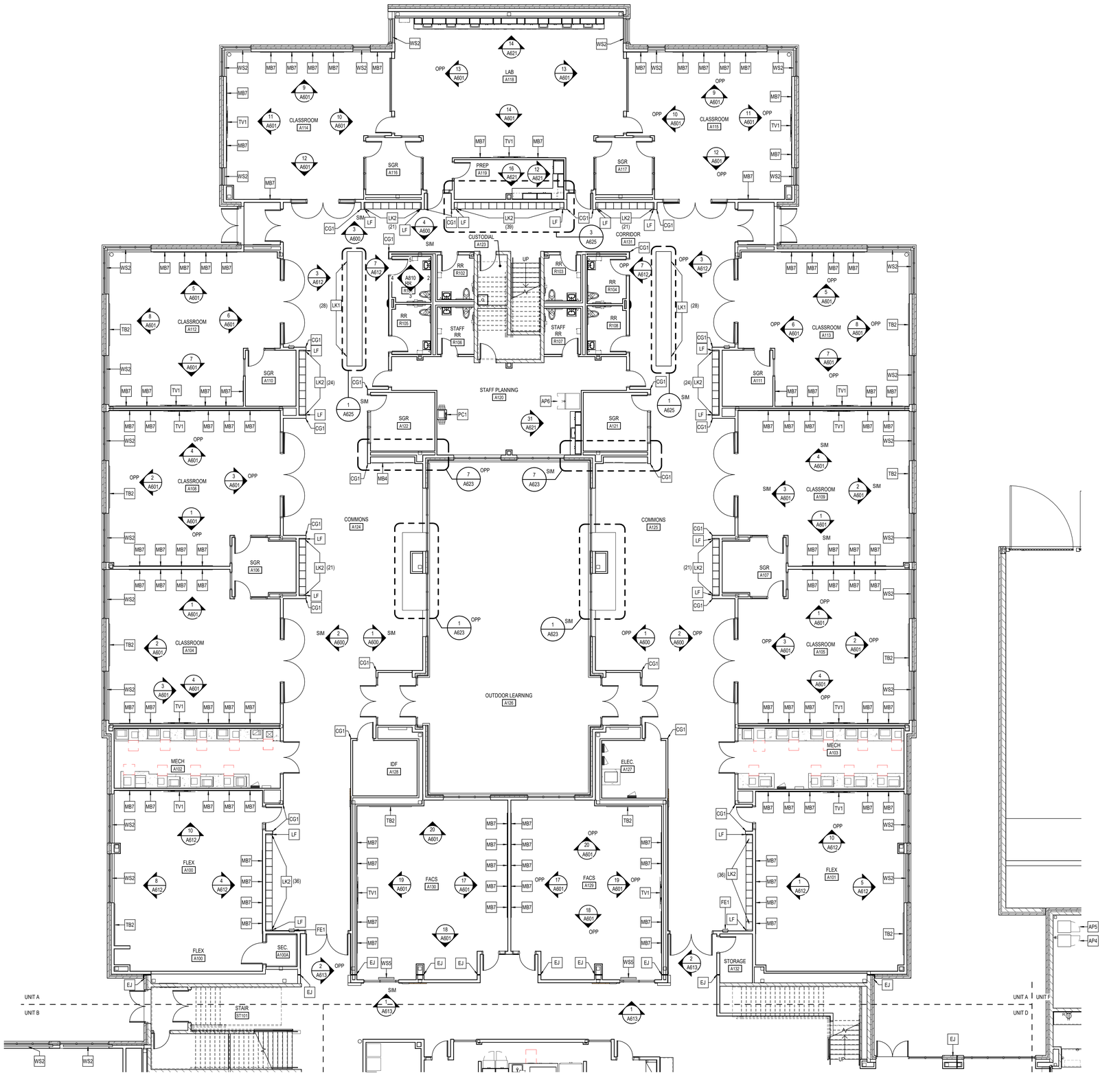
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
EQUIPMENT SCHEDULE

CERTIFIED BY:
BRENTON C. HIX
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A900

PROJECT NUMBER
2023061



1 A901A GROUND FLOOR EQUIPMENT PLAN - UNIT A
SCALE: 1/8" = 1'-0"

EQUIPMENT PLAN NOTES

1. 05 73 00 - FLOOR MOUNTED MESH INFILL GUARDRAIL SYSTEM. SEE ELEVATION ON A900 SERIES DRAWINGS, LOCATE PER FOOD SERVICE DRAWINGS
2. EXTERIOR MOUNTED GALVANIZED GUARDRAIL. PER A900SERIES ELEVATION< COORDINATE WITH SITE / CIVIL FOR RAMP
3. NOT USED
4. NOT USED
5. NOT USED

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PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

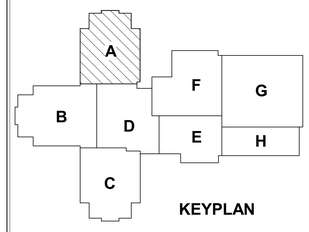
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
FIRST FLOOR EQUIPMENT PLAN UNIT A

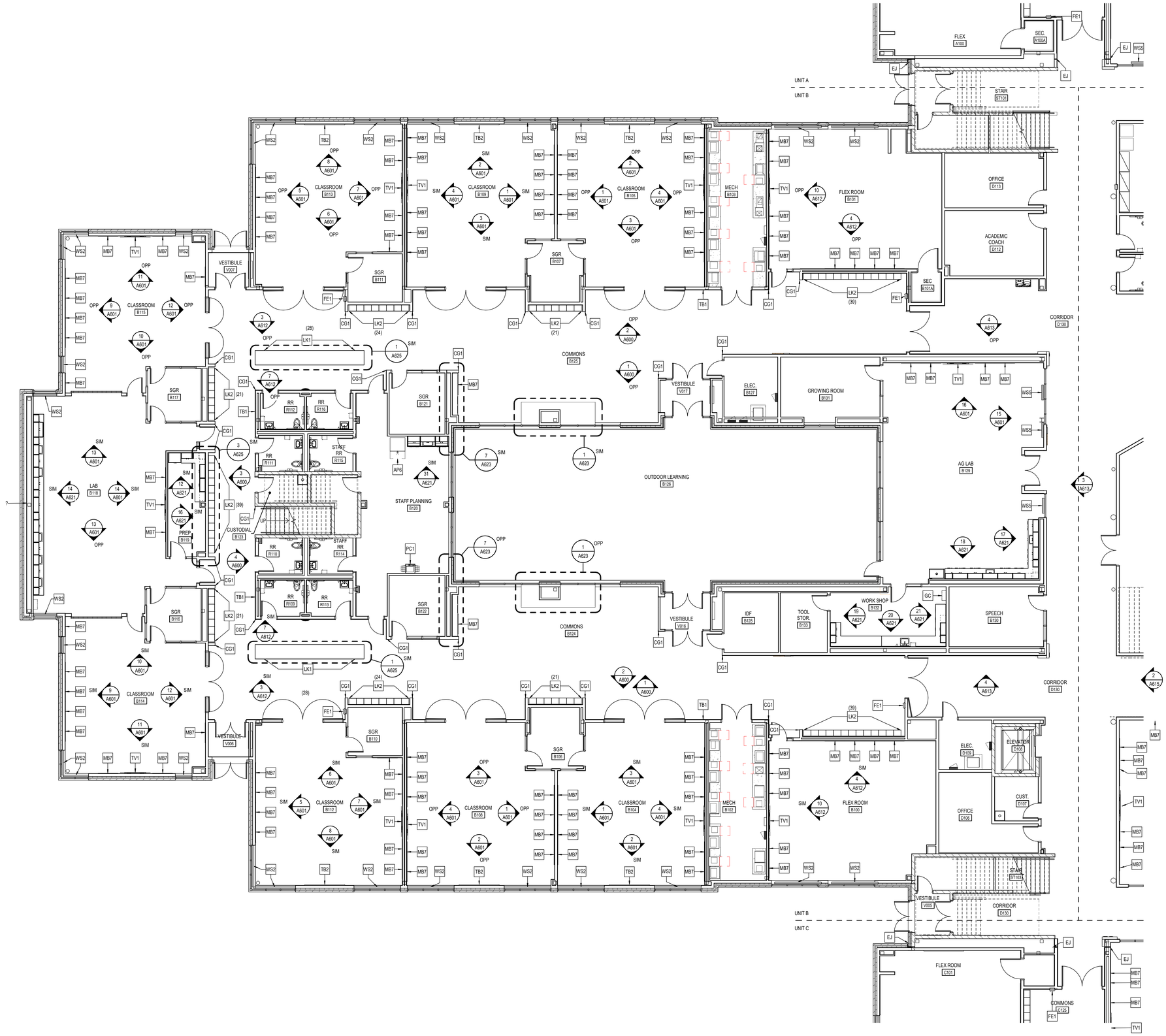
CERTIFIED BY:
BRENTON C. HIRE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A901A

PROJECT NUMBER
2023061



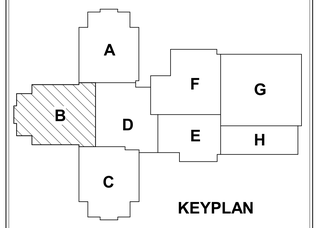
KEYPLAN



1 A901B GROUND FLOOR EQUIPMENT PLAN - UNIT B
SCALE: 1/8" = 1'-0"

EQUIPMENT PLAN NOTES

1 05 73 00 - FLOOR MOUNTED MESH INFILL GUARDRAIL SYSTEM. SEE ELEVATION ON A900 SERIES DRAWINGS, LOCATE PER FOOD SERVICE DRAWINGS
2 EXTERIOR MOUNTED GALVANIZED GUARDRAIL. PER A900SERIES ELEVATION< COORDINATE WITH SITE / CIVIL FOR RAMP
3 NOT USED
4 NOT USED
5 NOT USED



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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. They are not intended to be construction documents. Describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

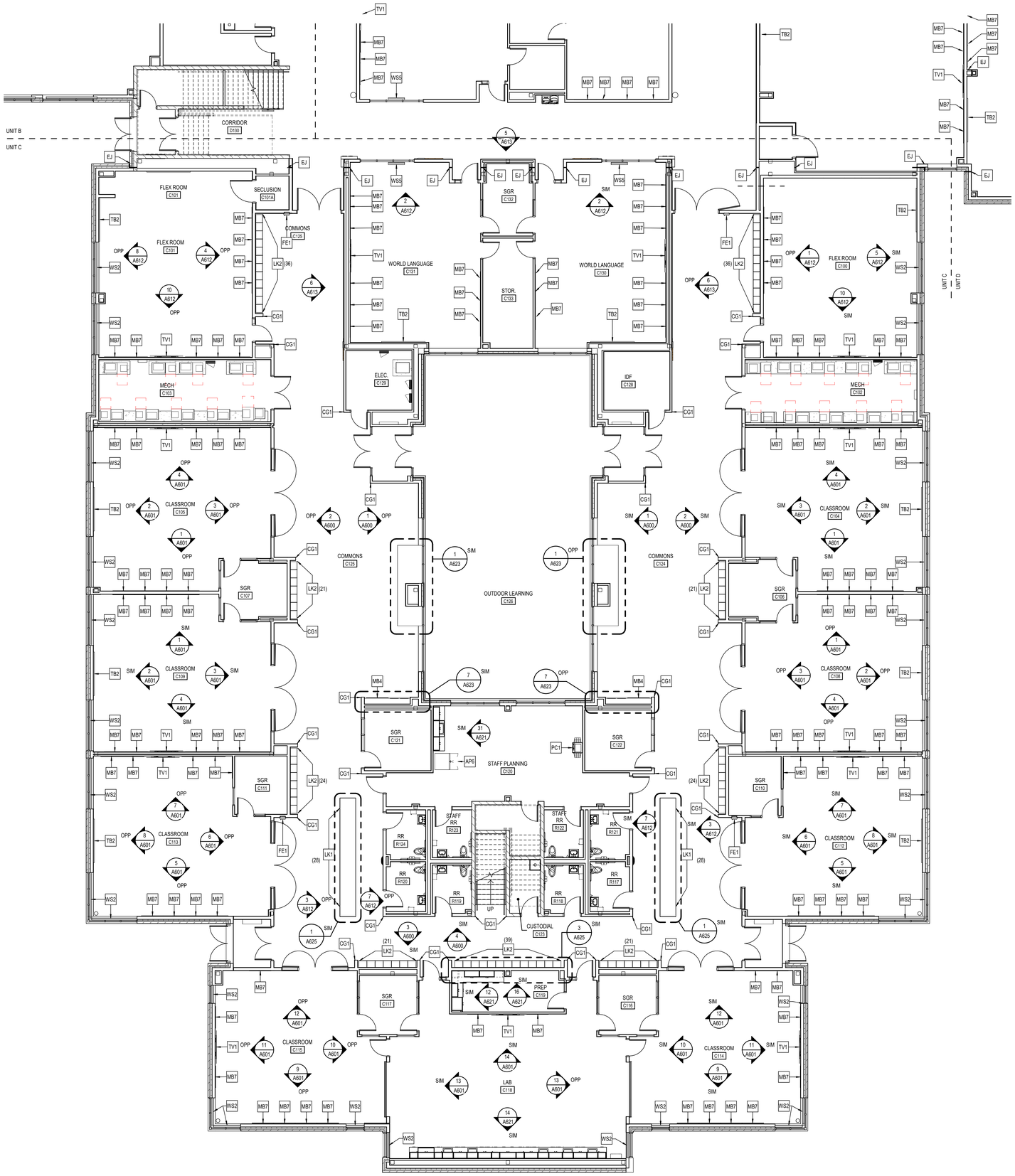
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
FIRST FLOOR EQUIPMENT PLAN UNIT B

CERTIFIED BY:
BRENTON C. HITE REGISTERED No. AR11700184 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
A901B

PROJECT NUMBER
2023061

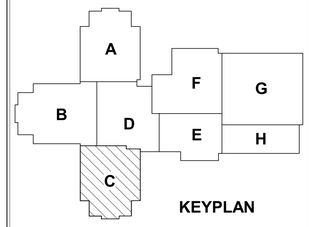


1 A901C GROUND FLOOR EQUIPMENT PLAN - UNIT C

SCALE: 1/8" = 1'-0"

EQUIPMENT PLAN NOTES

1. 05 73 00 - FLOOR MOUNTED MESH INFILL GUARDRAIL SYSTEM. SEE ELEVATION ON A900 SERIES DRAWINGS, LOCATE PER FOOD SERVICE DRAWINGS
2. EXTERIOR MOUNTED GALVANIZED GUARDRAIL. PER A900SERIES ELEVATION< COORDINATE WITH SITE / CIVIL FOR RAMP
3. NOT USED
4. NOT USED
5. NOT USED



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PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project. They are intended to describe the general character of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the construction contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

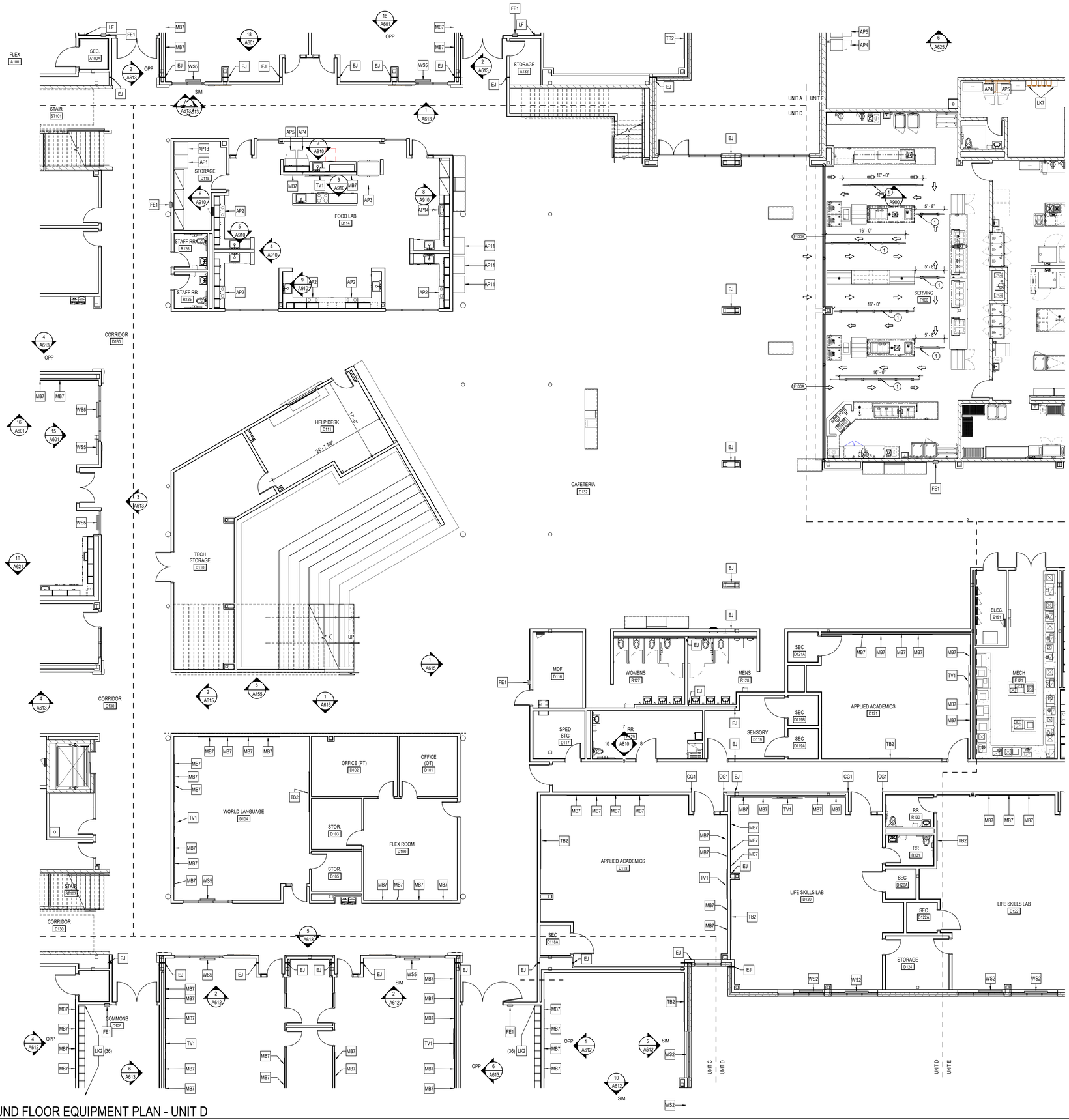
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
FIRST FLOOR EQUIPMENT PLAN UNIT C

CERTIFIED BY:
BRENTON C. HITE REGISTERED No. AR11700184 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
A901C

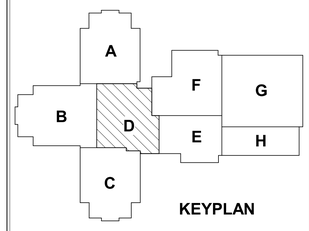
PROJECT NUMBER
2023061



1 A901D GROUND FLOOR EQUIPMENT PLAN - UNIT D
SCALE: 1/8" = 1'-0"

EQUIPMENT PLAN NOTES

1. 05 73 00 - FLOOR MOUNTED MESH INFILL GUARDRAIL SYSTEM, SEE ELEVATION ON A900 SERIES DRAWINGS, LOCATE PER FOOD SERVICE DRAWINGS
2. EXTERIOR MOUNTED GALVANIZED GUARDRAIL, PER A900SERIES ELEVATION< COORDINATE WITH SITE / CIVIL FOR RAMP
3. NOT USED
4. NOT USED
5. NOT USED



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PROJECT:
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BID DOCUMENTS
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SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
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On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
FIRST FLOOR EQUIPMENT PLAN UNIT D

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A901D

PROJECT NUMBER
2023061

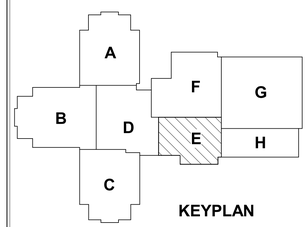


1 A901E GROUND FLOOR EQUIPMENT PLAN - UNIT E

SCALE: 1/8" = 1'-0"

EQUIPMENT PLAN NOTES

1. 05 73 00 - FLOOR MOUNTED MESH INFILL GUARDRAIL SYSTEM. SEE ELEVATION ON A900 SERIES DRAWINGS, LOCATE PER FOOD SERVICE DRAWINGS
2. EXTERIOR MOUNTED GALVANIZED GUARDRAIL. PER A900SERIES ELEVATION< COORDINATE WITH SITE / CIVIL FOR RAMP
3. NOT USED
4. NOT USED
5. NOT USED



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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
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BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required to the satisfactory performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

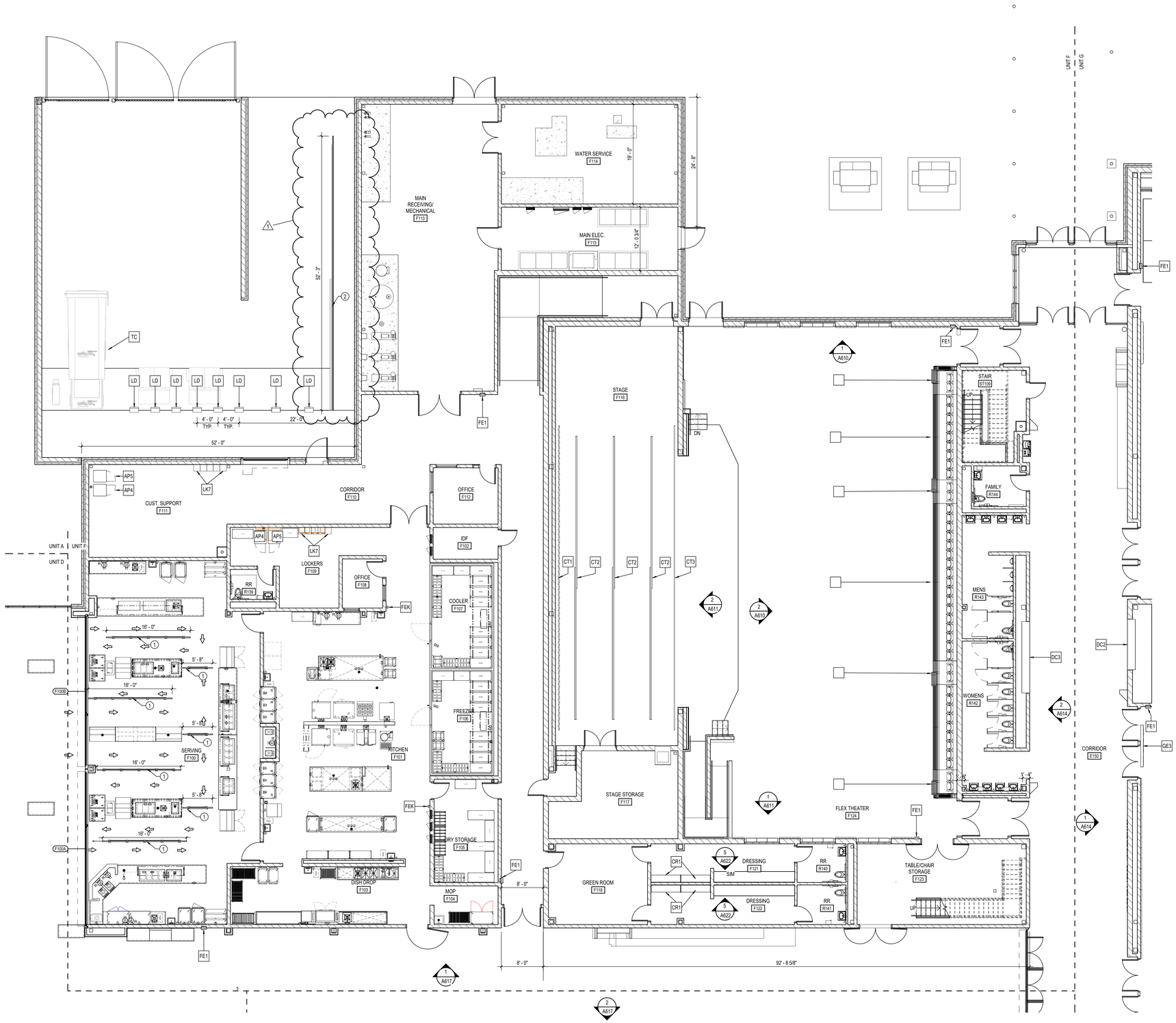
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
FIRST FLOOR EQUIPMENT PLAN UNIT E

CERTIFIED BY:
BRENTON C. HOY
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A901E

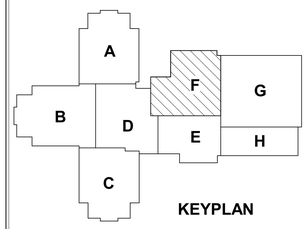
PROJECT NUMBER
2023061



1 A901F GROUND FLOOR EQUIPMENT PLAN - UNIT F
SCALE: 1/8" = 1'-0"

EQUIPMENT PLAN NOTES

1. 05 73 00 - FLOOR MOUNTED MESH INFILL GUARDRAIL SYSTEM, SEE ELEVATION ON A900 SERIES DRAWINGS, LOCATE PER FOOD SERVICE DRAWINGS
2. EXTERIOR MOUNTED GALVANIZED GUARDRAIL, PER A900SERIES ELEVATION< COORDINATE WITH SITE / CIVIL FOR RAMP
3. NOT USED
4. NOT USED
5. NOT USED



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SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
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On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:
1 ADDENDUM #5 08/09/2024

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
FIRST FLOOR EQUIPMENT PLAN UNIT F

CERTIFIED BY:
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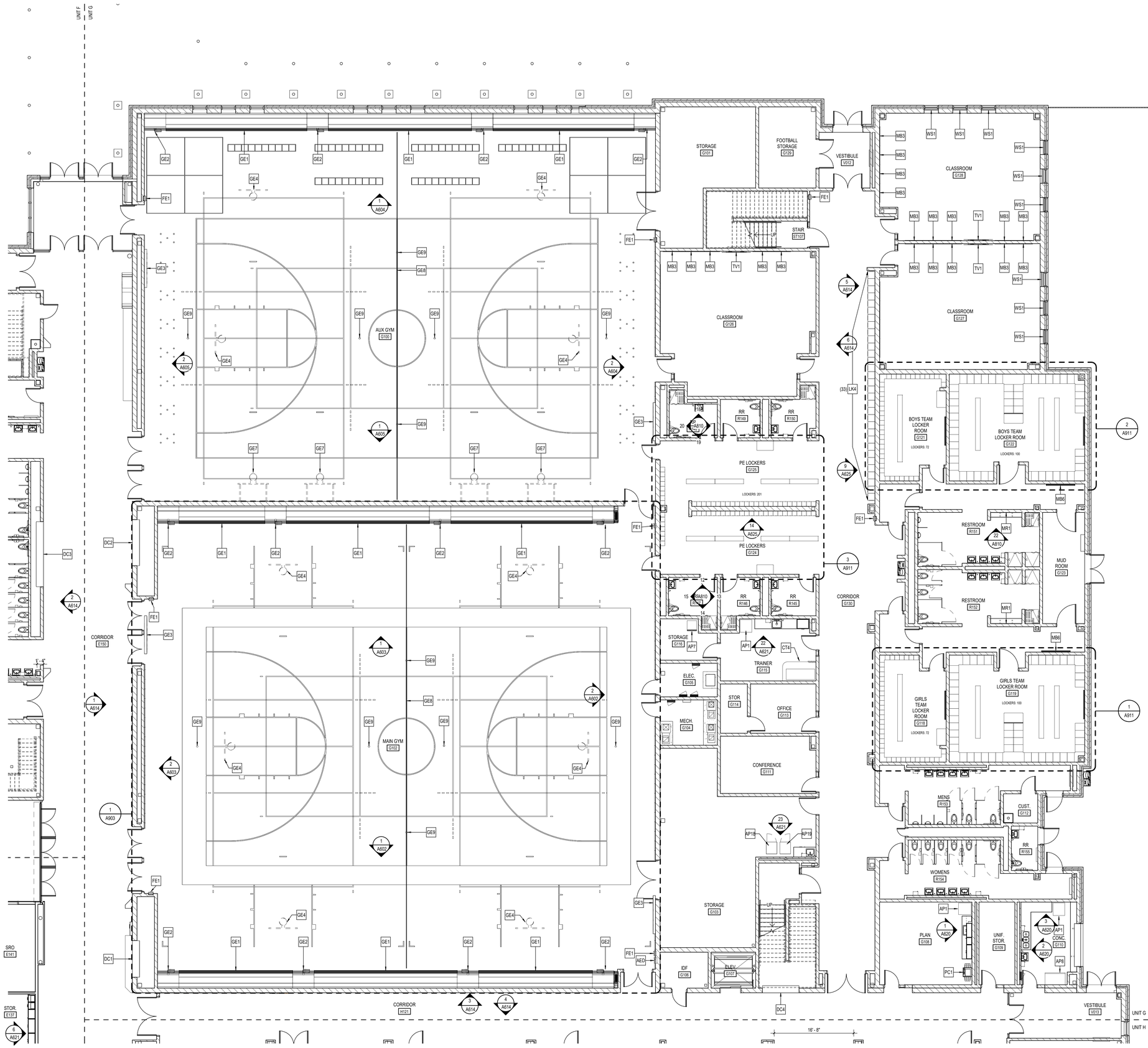
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A901F

PROJECT NUMBER
2023061



1 A901G GROUND FLOOR EQUIPMENT PLAN - UNIT G
SCALE: 1/8" = 1'-0"

EQUIPMENT PLAN NOTES

1. 05 73 00 - FLOOR MOUNTED MESH INFILL GUARDRAIL SYSTEM. SEE ELEVATION ON A900 SERIES DRAWINGS, LOCATE PER FOOD SERVICE DRAWINGS
2. EXTERIOR MOUNTED GALVANIZED GUARDRAIL. PER A900SERIES ELEVATION< COORDINATE WITH SITE / CIVIL FOR RAMP
3. NOT USED
4. NOT USED
5. NOT USED

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PROJECT:
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BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
FIRST FLOOR EQUIPMENT PLAN UNIT G

CERTIFIED BY:
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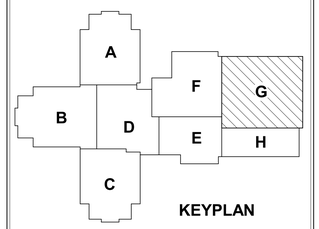
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT



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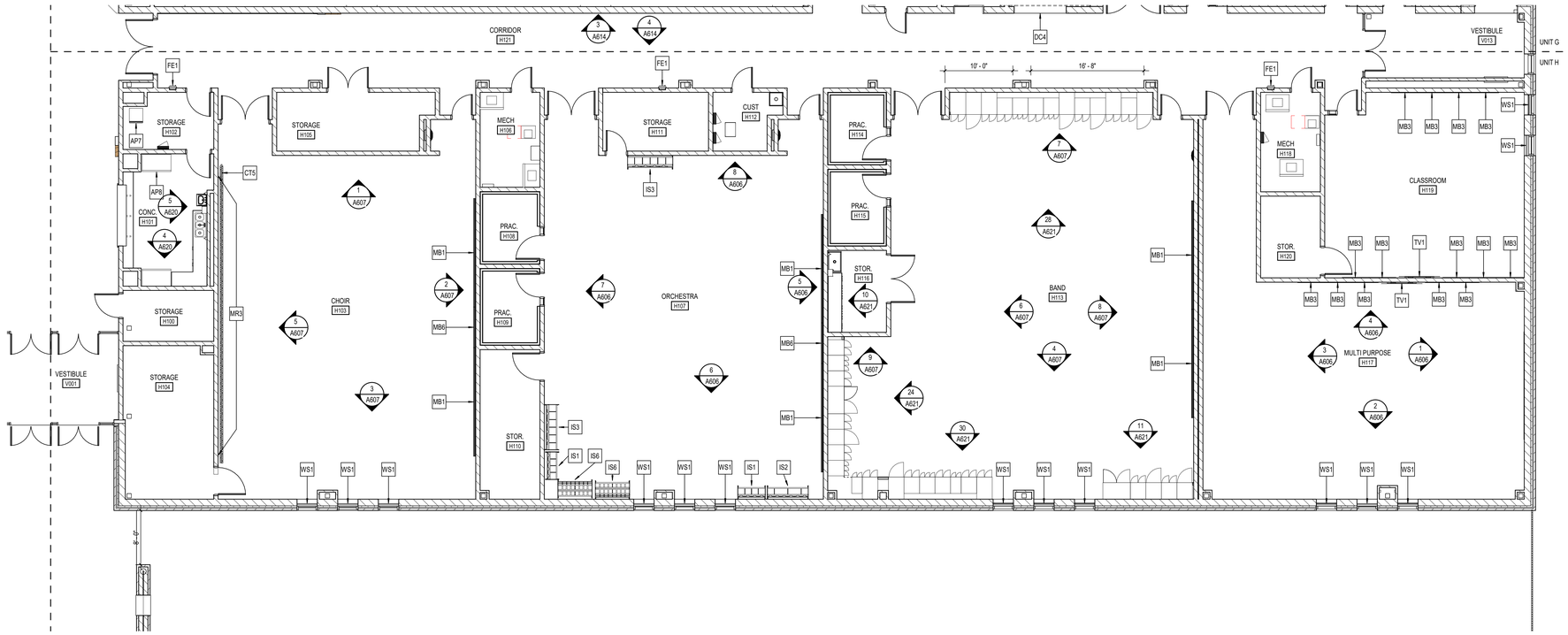
DRAWING NUMBER
A901G

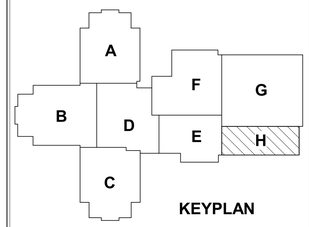
PROJECT NUMBER
2023061



1 A901H GROUND FLOOR EQUIPMENT PLAN - UNIT H
SCALE: 1/8" = 1'-0"

EQUIPMENT PLAN NOTES

1. 05 73 00 - FLOOR MOUNTED MESH INFILL GUARDRAIL SYSTEM, SEE ELEVATION ON A900 SERIES DRAWINGS, LOCATE PER FOOD SERVICE DRAWINGS
2. EXTERIOR MOUNTED GALVANIZED GUARDRAIL, PER A900SERIES ELEVATION< COORDINATE WITH SITE / CIVIL FOR RAMP
3. NOT USED
4. NOT USED
5. NOT USED



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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
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BID DOCUMENTS
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SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

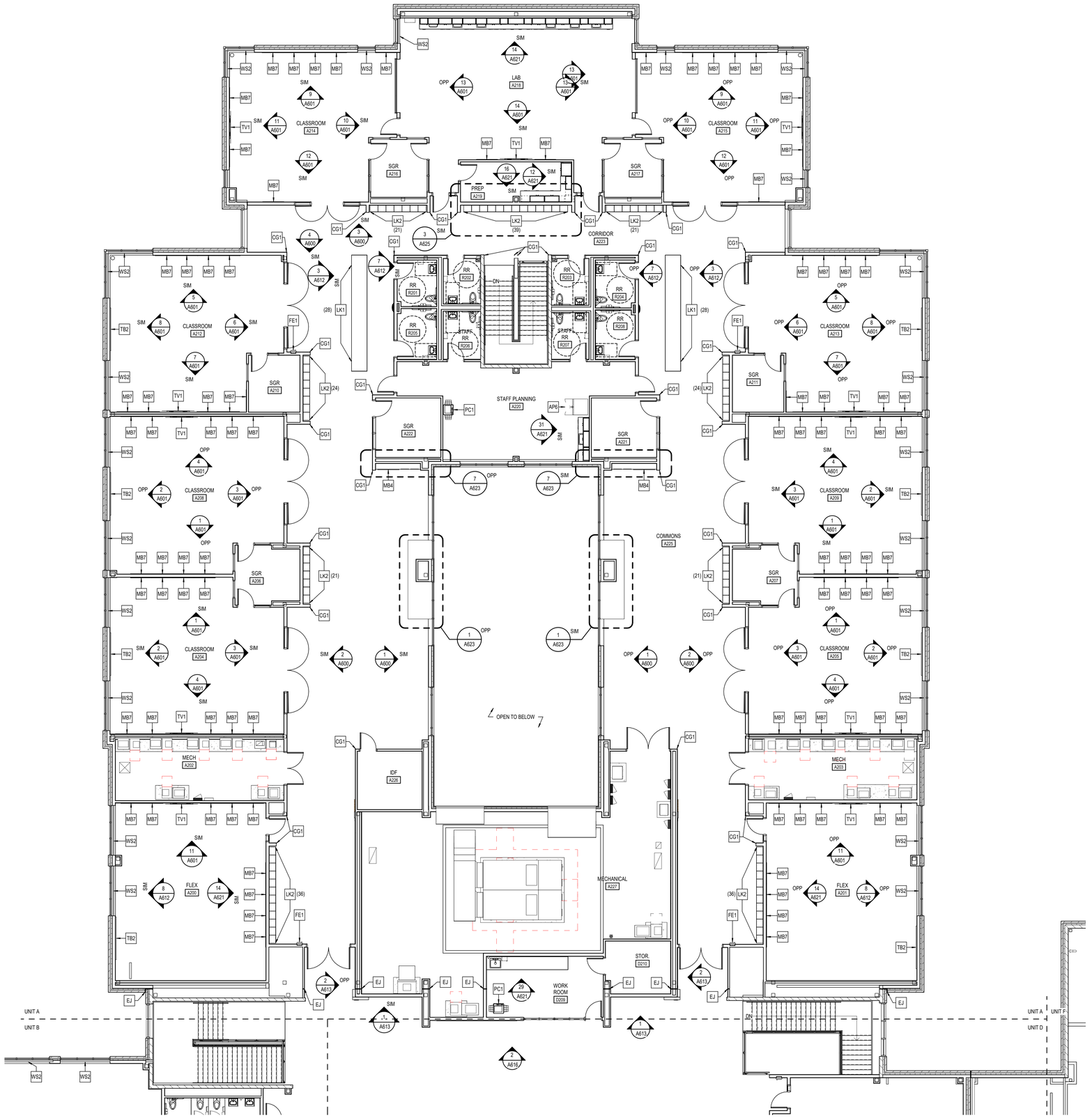
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
FIRST FLOOR EQUIPMENT PLAN UNIT H

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A901H

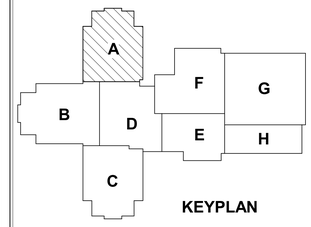
PROJECT NUMBER
2023061



1 A902A SECOND FLOOR EQUIPMENT PLAN - UNIT A
SCALE: 1/8" = 1'-0"

EQUIPMENT PLAN NOTES

1. 05 73 00 - FLOOR MOUNTED MESH INFILL GUARDRAIL SYSTEM, SEE ELEVATION ON A900 SERIES DRAWINGS, LOCATE PER FOOD SERVICE DRAWINGS
2. EXTERIOR MOUNTED GALVANIZED GUARDRAIL, PER A900SERIES ELEVATION< COORDINATE WITH SITE / CIVIL FOR RAMP
3. NOT USED
4. NOT USED
5. NOT USED



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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
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BID DOCUMENTS
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SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

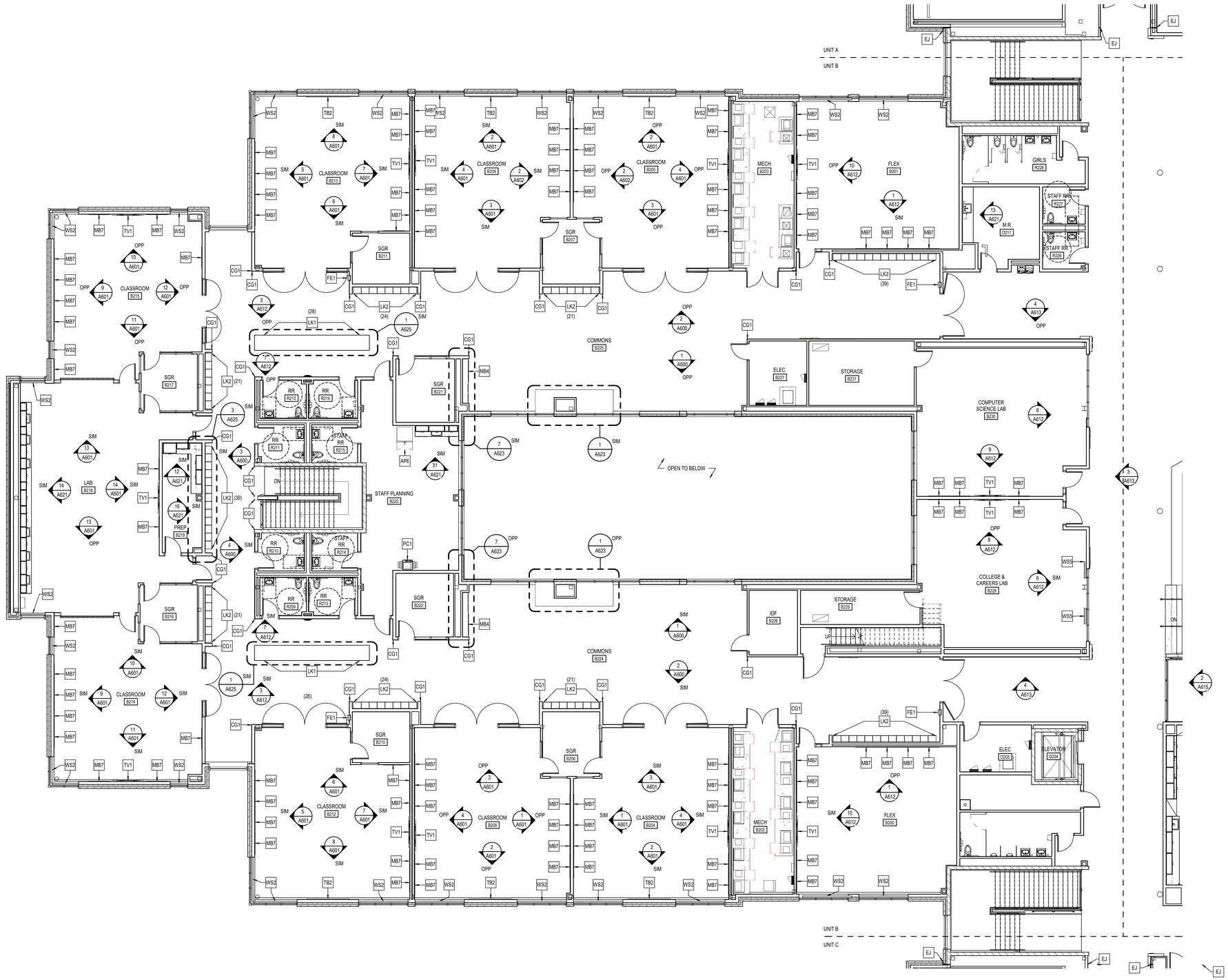
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
SECOND FLOOR EQUIPMENT PLAN UNIT A

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A902A

PROJECT NUMBER
2023061

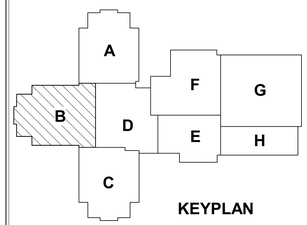


1 A902B SECOND FLOOR EQUIPMENT PLAN - UNIT B

SCALE: 1/8" = 1'-0"

EQUIPMENT PLAN NOTES

1. 05 73 00 - FLOOR MOUNTED MESH INFILL GUARDRAIL SYSTEM. SEE ELEVATION ON A900 SERIES DRAWINGS, LOCATE PER FOOD SERVICE DRAWINGS
2. EXTERIOR MOUNTED GALVANIZED GUARDRAIL. PER A900SERIES ELEVATION< COORDINATE WITH SITE / CIVIL FOR RAMP
3. NOT USED
4. NOT USED
5. NOT USED



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PROJECT:
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BID DOCUMENTS
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SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required to enable the intended use and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

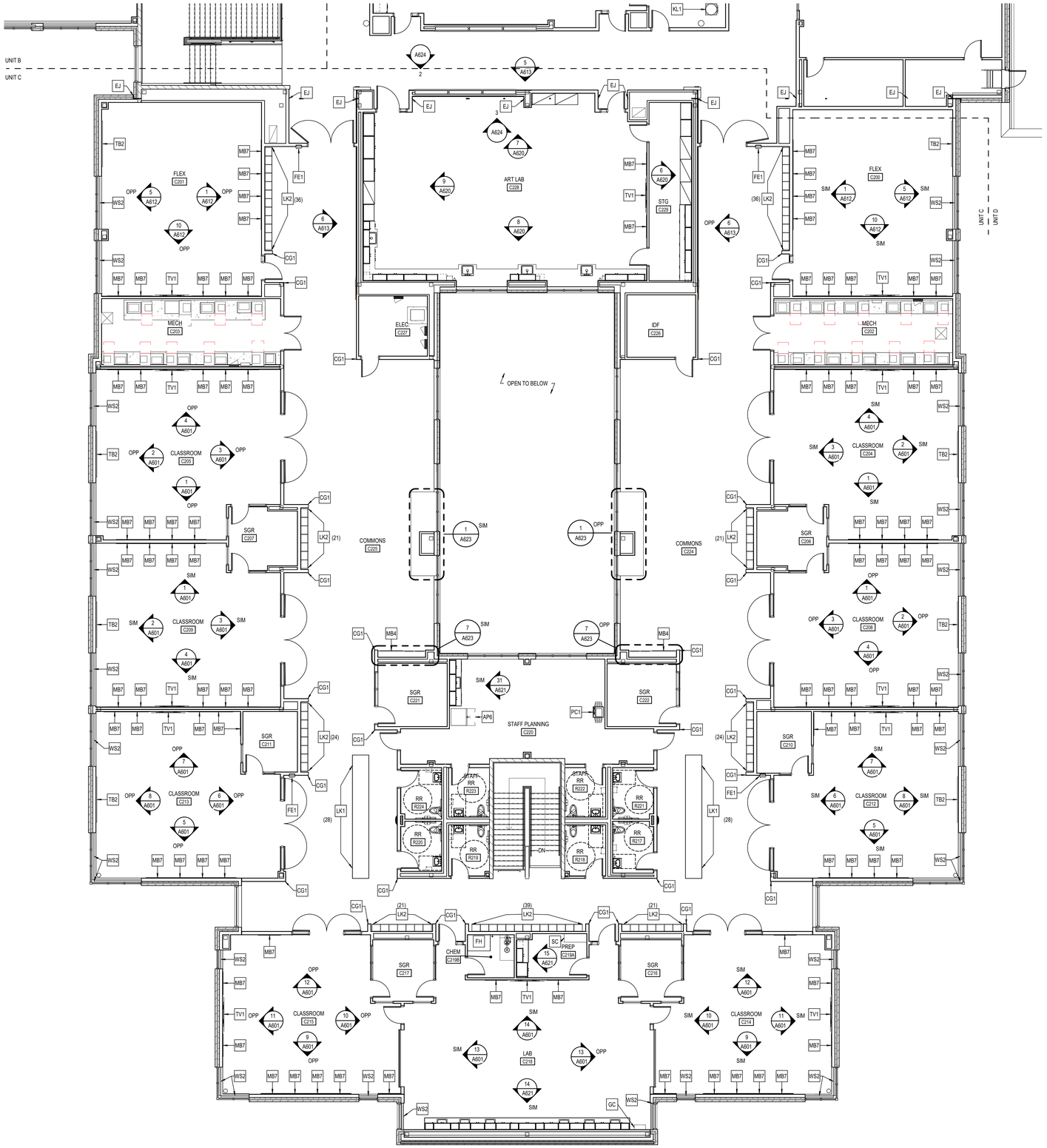
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
SECOND FLOOR EQUIPMENT PLAN UNIT B

CERTIFIED BY:
BRENTON C. HOY
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A902B

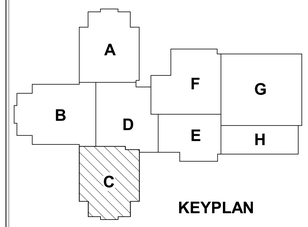
PROJECT NUMBER
2023061



1 A902C SECOND FLOOR EQUIPMENT PLAN - UNIT C
SCALE: 1/8" = 1'-0"

EQUIPMENT PLAN NOTES

1. 05 73 00 - FLOOR MOUNTED MESH INFILL GUARDRAIL SYSTEM, SEE ELEVATION ON A900 SERIES DRAWINGS, LOCATE PER FOOD SERVICE DRAWINGS
2. EXTERIOR MOUNTED GALVANIZED GUARDRAIL, PER A900SERIES ELEVATION< COORDINATE WITH SITE / CIVIL FOR RAMP
3. NOT USED
4. NOT USED
5. NOT USED



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PROJECT:
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BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project. They are intended to describe the design intent for the size of the building, the major architectural elements, and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the intended scope of work.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

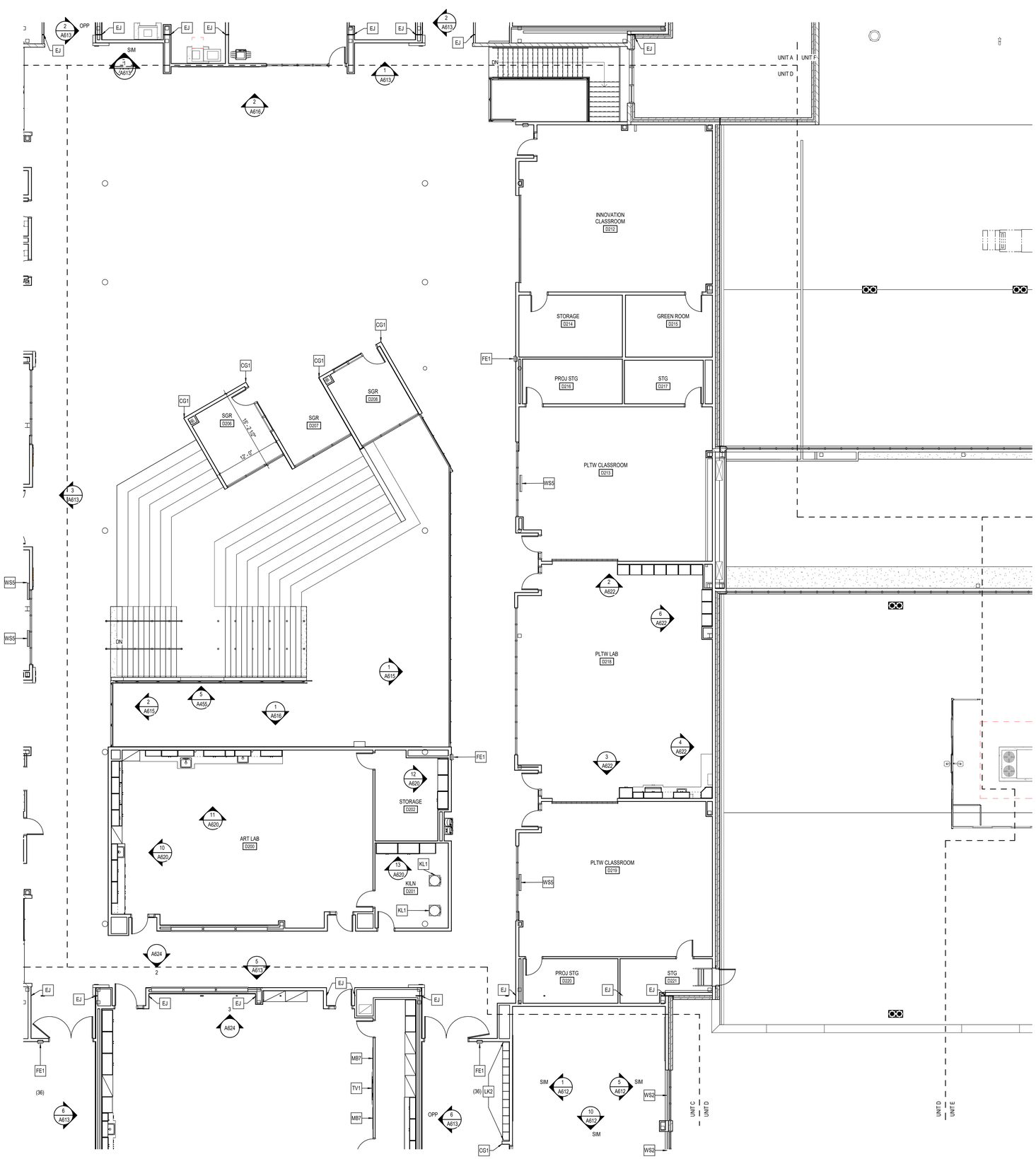
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
SECOND FLOOR EQUIPMENT PLAN UNIT C

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A902C

PROJECT NUMBER
2023061

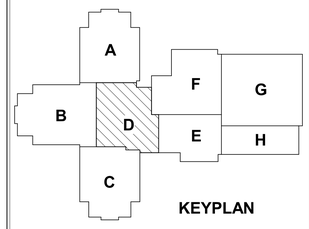


1 A902D SECOND FLOOR EQUIPMENT PLAN - UNIT D

SCALE: 1/8" = 1'-0"

EQUIPMENT PLAN NOTES

1. 05 73 00 - FLOOR MOUNTED MESH INFILL GUARDRAIL SYSTEM, SEE ELEVATION ON A900 SERIES DRAWINGS, LOCATE PER FOOD SERVICE DRAWINGS
2. EXTERIOR MOUNTED GALVANIZED GUARDRAIL, PER A900SERIES ELEVATION< COORDINATE WITH SITE / CIVIL FOR RAMP
3. NOT USED
4. NOT USED
5. NOT USED



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PROJECT:
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BID DOCUMENTS
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SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of construction required for the project to be built.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the construction work for the project.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

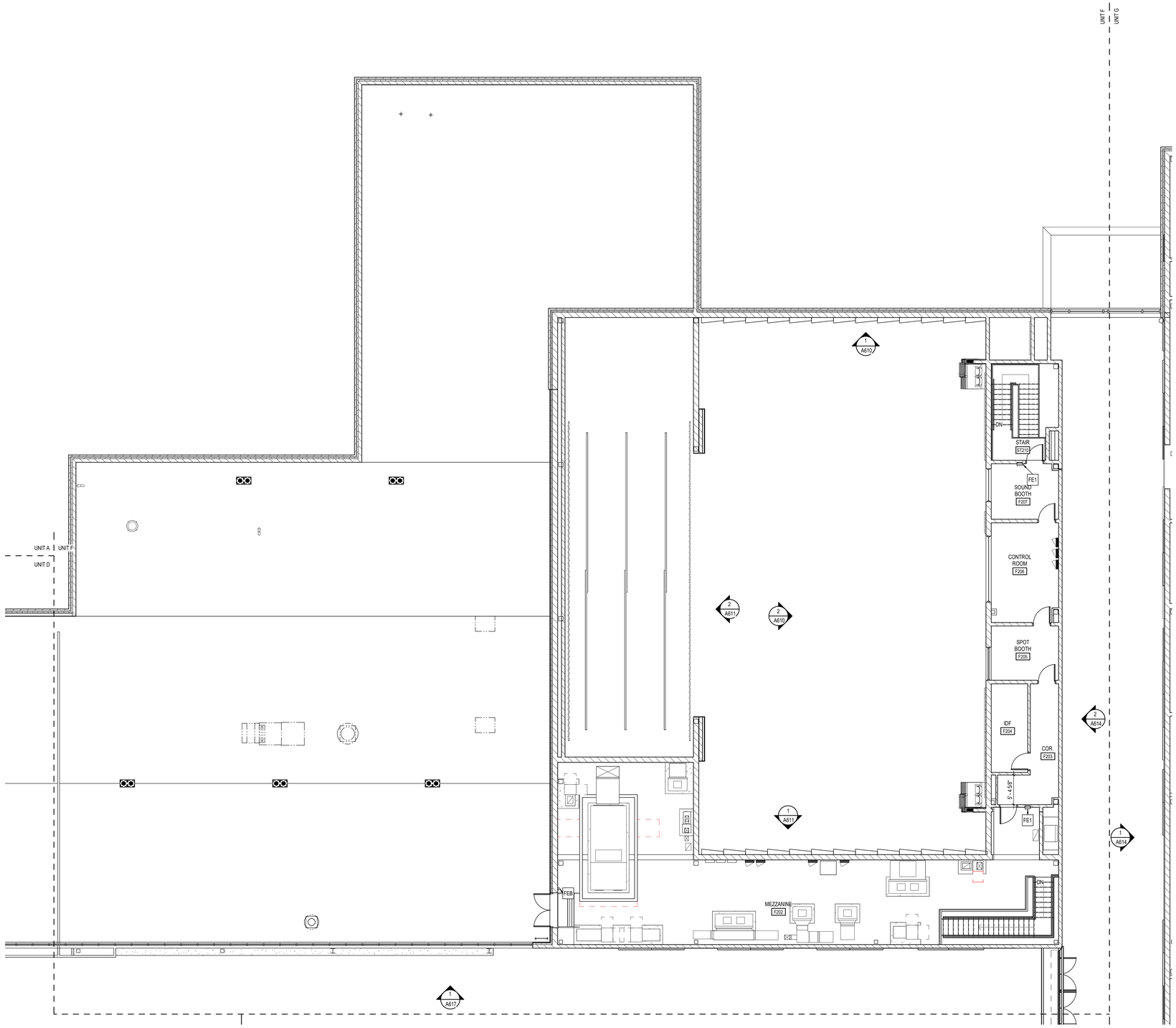
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
SECOND FLOOR EQUIPMENT PLAN UNIT D

CERTIFIED BY:
BRENTON C. HITE REGISTERED No. AR11700184 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
A902D

PROJECT NUMBER
2023061

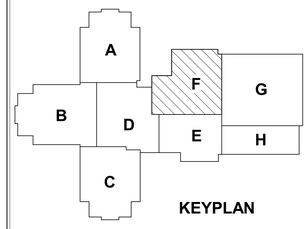


1 A902F SECOND FLOOR EQUIPMENT PLAN - UNIT F

SCALE: 1/8" = 1'-0"

EQUIPMENT PLAN NOTES

1. 05 73 00 - FLOOR MOUNTED MESH INFILL GUARDRAIL SYSTEM, SEE ELEVATION ON A900 SERIES DRAWINGS, LOCATE PER FOOD SERVICE DRAWINGS
2. EXTERIOR MOUNTED GALVANIZED GUARDRAIL, PER A900SERIES ELEVATION< COORDINATE WITH SITE / CIVIL FOR RAMP
3. NOT USED
4. NOT USED
5. NOT USED



KEYPLAN

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. The drawings and specifications are intended to describe all work required for full performance and completion of the requirements of the Contract.
The Trade Contractors shall furnish all work scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

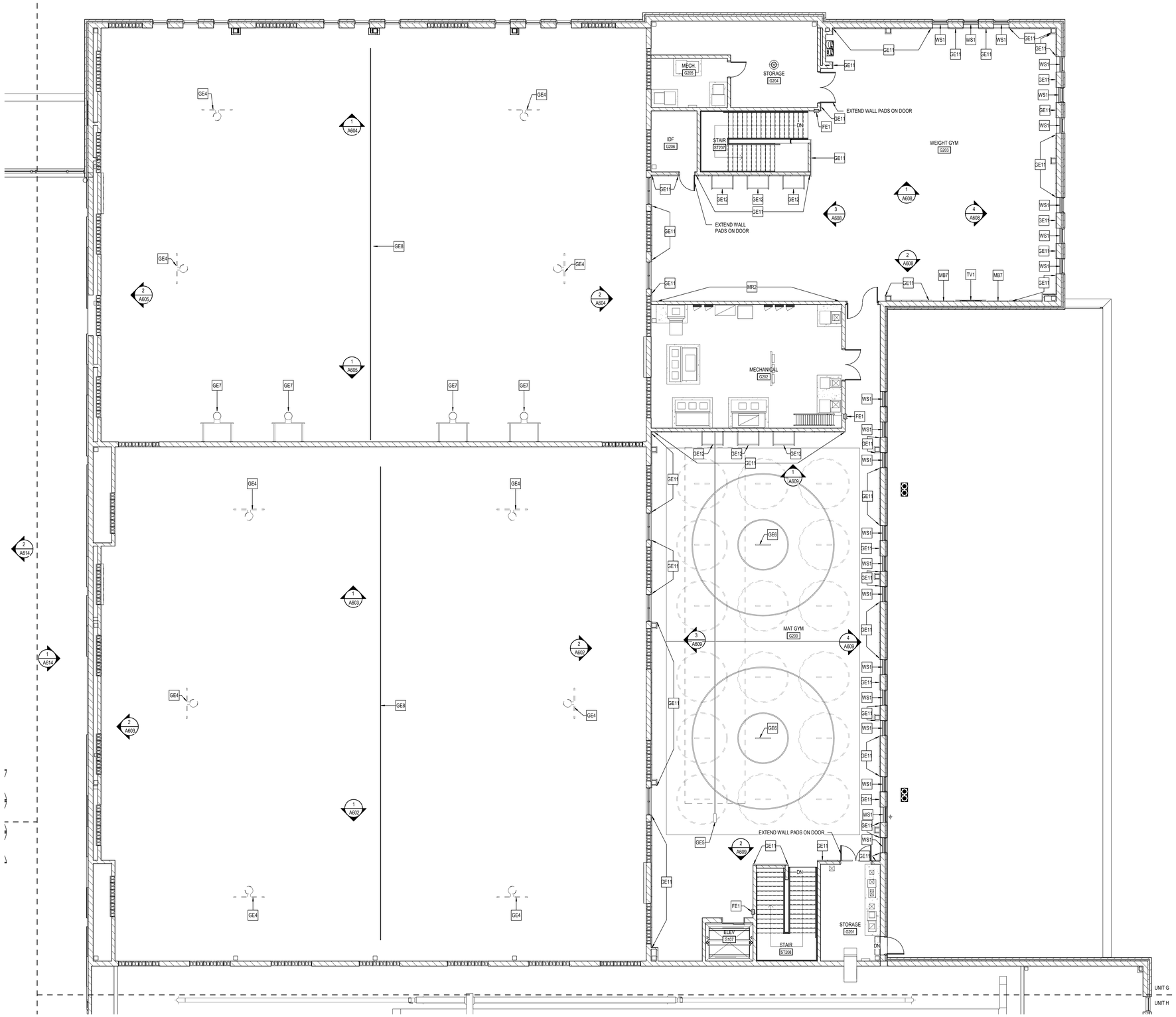
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
SECOND FLOOR EQUIPMENT PLAN UNIT F

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A902F

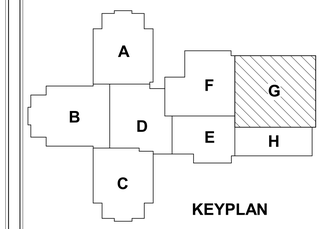
PROJECT NUMBER
2023061



1 A902G SECOND FLOOR EQUIPMENT PLAN - UNIT G
SCALE: 1/8" = 1'-0"

EQUIPMENT PLAN NOTES

1 05 73 00 - FLOOR MOUNTED MESH INFILL GUARDRAIL SYSTEM. SEE ELEVATION ON A900 SERIES DRAWINGS, LOCATE PER FOOD SERVICE DRAWINGS
2 EXTERIOR MOUNTED GALVANIZED GUARDRAIL, PER A900SERIES ELEVATION< COORDINATE WITH SITE / CIVIL FOR RAMP
3 NOT USED
4 NOT USED
5 NOT USED



KEYPLAN

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PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

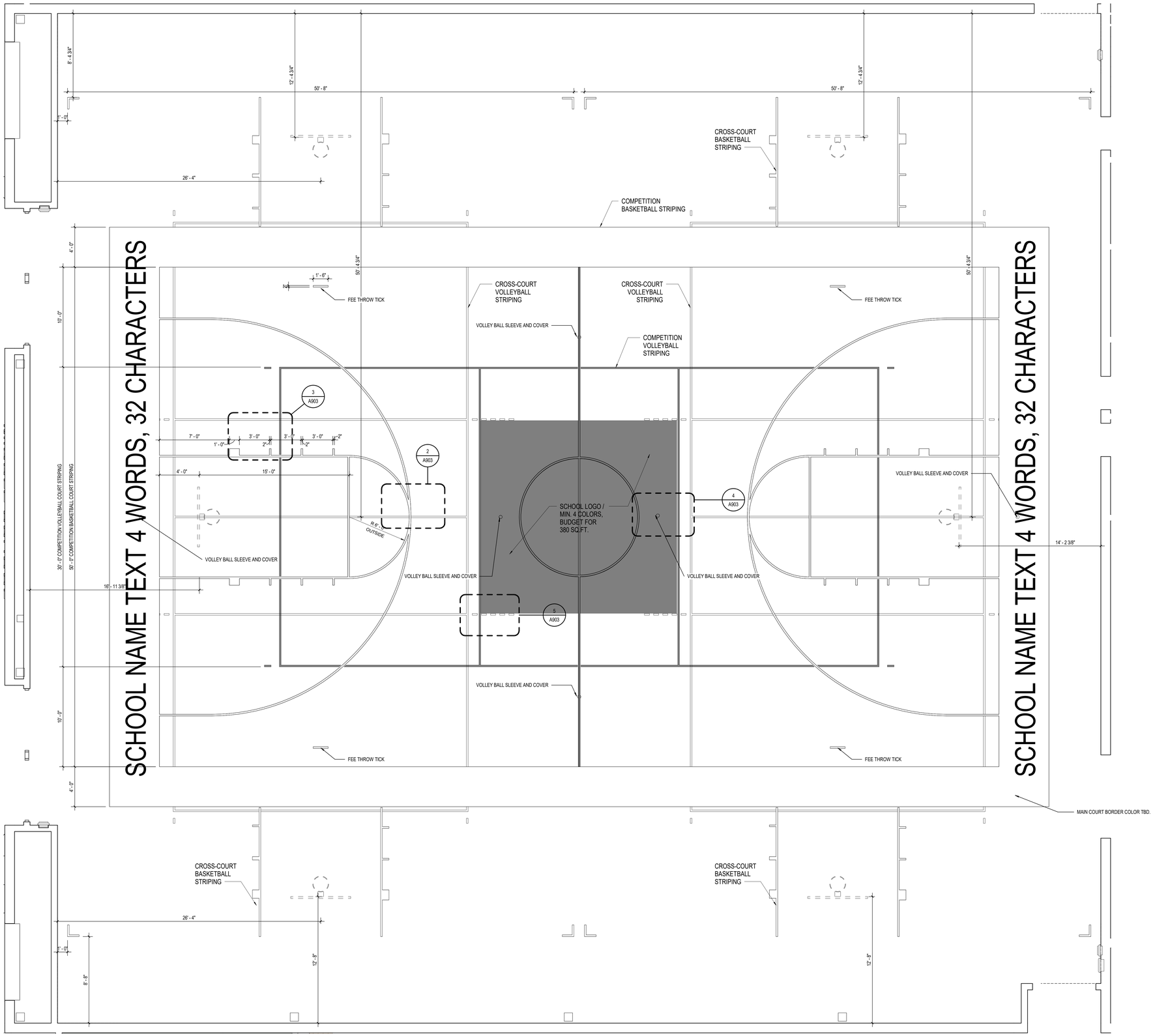
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
SECOND FLOOR EQUIPMENT PLAN UNIT G

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A902G

PROJECT NUMBER
2023061



1 A903 MAIN GYM PLAN CALLOUT
SCALE: 1/4" = 1'-0"

* EQUIPMENT, BLEACHERS, ETC.... HIDDEN IN THIS VIEW FOR CLARITY.*

NOTES - BB COURT STRIPING

1. VERIFY ALL BASKETBALL COURT CRITERIA, CONFIGURATIONS, LAYOUTS, AND STRIPING WITH THE NATIONAL FEDERATION OF STATE HIGH SCHOOL ASSOCIATIONS PRIOR TO GYM STRIPING WORK.
2. VERIFY ALL BASKETBALL COURT CONFIGURATIONS, LAYOUTS, AND STRIPING COLORS WITH ARCHITECT AND OWNER PRIOR TO COURT STRIPING WORK.
3. VERIFY ALL BASKET BALL COURT GRAPHICS, LOGOS, AND LETTERING COLORS, SIZE, AND CONTENT WITH ARCHITECT AND OWNER PRIOR TO COURT STRIPING WORK.
4. FIELD VERIFY ALL EXACT BASKETBALL COURT LOCATIONS WITH BASKETBALL GOALS PRIOR TO COURT STRIPPING WORK.
5. ALL OVERALL BASKETBALL COURT DIMENSIONS ARE TO THE INSIDE FACE OF COURT STRIPING LINES, U.N.O.
6. ALL COMPETITION BASKETBALL COURT STRIPING SHALL BE 2" WIDE SOLID WHITE.
7. PROVIDE UP TO SIX SEPARATE COLORS (INCLUDING SCHOOL COLORS) FOR COLOR GRAPHIC MASCOT LOGO AT COMPETITION BASKETBALL COURT CENTER CIRCLE.
8. PROVIDE TWO SEPARATE COLORS (SCHOOL COLORS) AT COMPETITION BASKETBALL COURT FIELDS (BOTH FREE-THROW LANES, BOUNDARIES).
9. PROVIDE ONE AND THE SAME COLOR (SCHOOL COLOR CONTRASTING WITH BOUNDARY COLOR) AND ONE AND THE SAME ACCENT COLOR WHITE, FOR COMPETITION BASKETBALL COURT LETTERING GRAPHICS AT BOTH END LINE BOUNDARIES.
10. ALL CROSS-COURT BASKETBALL STRIPING AT COMPETITION BASKETBALL COURT SHALL BE 2" WIDE SOLID GRAY, BROKEN WITH GAP AT AT CROSSING LOCATIONS WITH COMPETITION BASKETBALL COURT STRIPING, GAP SHALL BE 1" WIDE.
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14. ALL COURT STRIPING SHALL BE CONTINUOUS AND VISIBLE THROUGH ALL FIELD COLORS, GRAPHICS, AND LOGOS WITH 1" WIDE GAP BETWEEN COURT STRIPING AND EDGE OF ADJACENT FIELD, GRAPHIC, AND OR LOGO.

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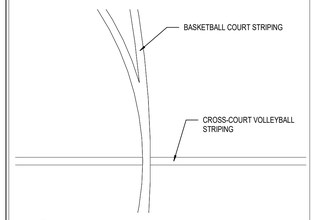
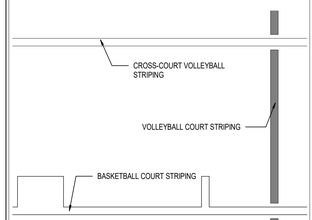
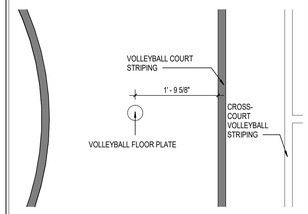


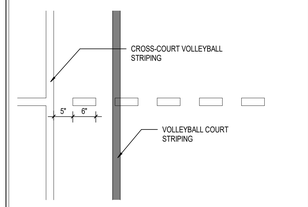
2 A903 STRIPING DETAIL
SCALE: 3/4" = 1'-0"



3 A903 STRIPING DETAIL
SCALE: 3/4" = 1'-0"



4 A903 STRIPING DETAIL
SCALE: 3/4" = 1'-0"



5 A903 STRIPING DETAIL
SCALE: 3/4" = 1'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
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REVISIONS:

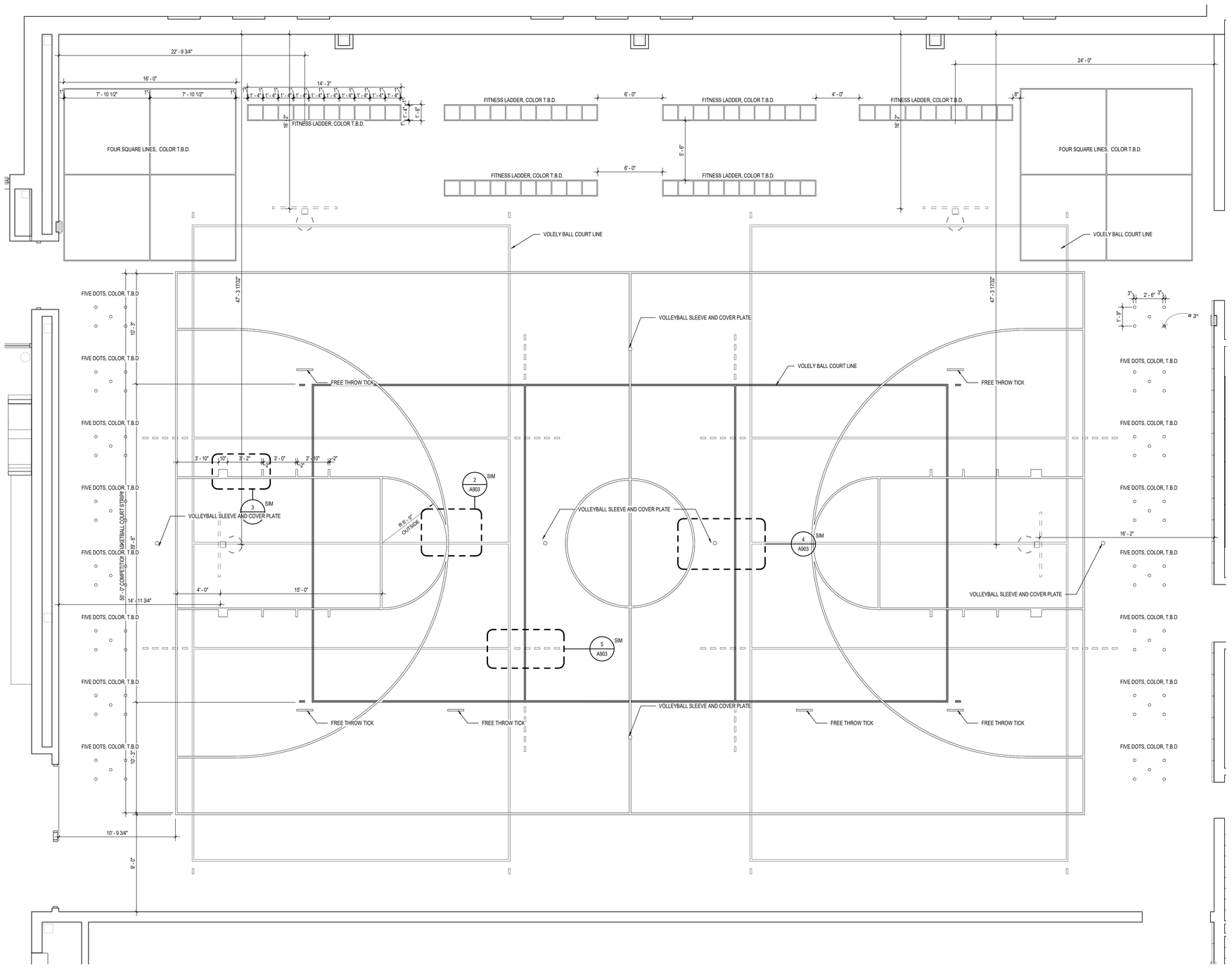
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
GYM STRIPING PLAN

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A903

PROJECT NUMBER
2023061



1 A904 AUX GYM PLAN CALLOUT

SCALE: 1/4" = 1'-0"

* EQUIPMENT, BLEACHERS, ETC.... HIDDEN IN THIS VIEW FOR CLARITY.*

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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
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REVISIONS:

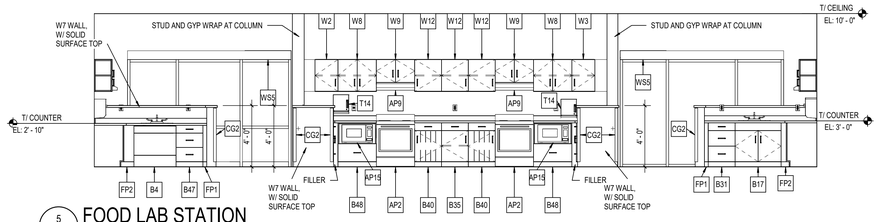
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
GYM STRIPING PLAN

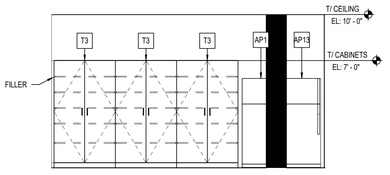
CERTIFIED BY:
BRENTON C. HITE REGISTERED No. AR11700184 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
A904

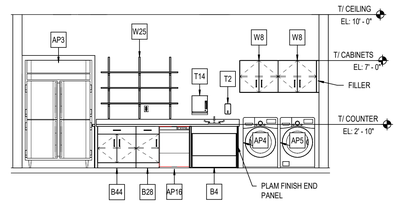
PROJECT NUMBER
2023061



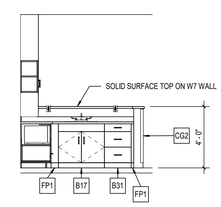
5 A910 **FOOD LAB STATION**
SCALE: 1/4" = 1'-0"



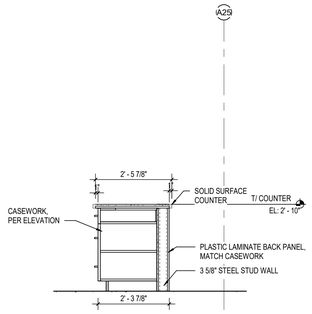
6 A910 **FOOD LAB STORAGE**
SCALE: 1/4" = 1'-0"



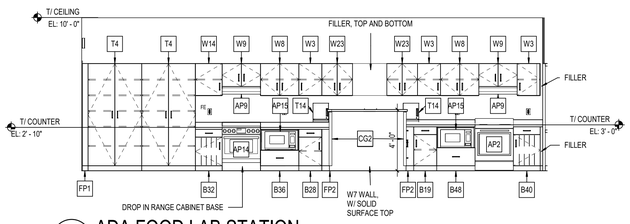
7 A910 **FOOD LAB CASEWORK**
SCALE: 1/4" = 1'-0"



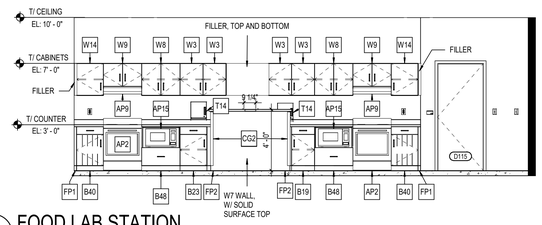
9 A910 **100 - a**
SCALE: 1/4" = 1'-0"



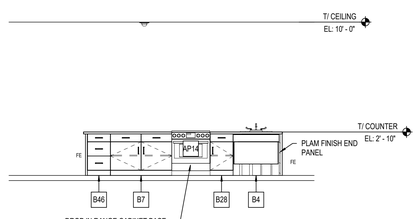
2 A910 **ISLAND DEMO STATION - SECTION**
SCALE: 1/2" = 1'-0"



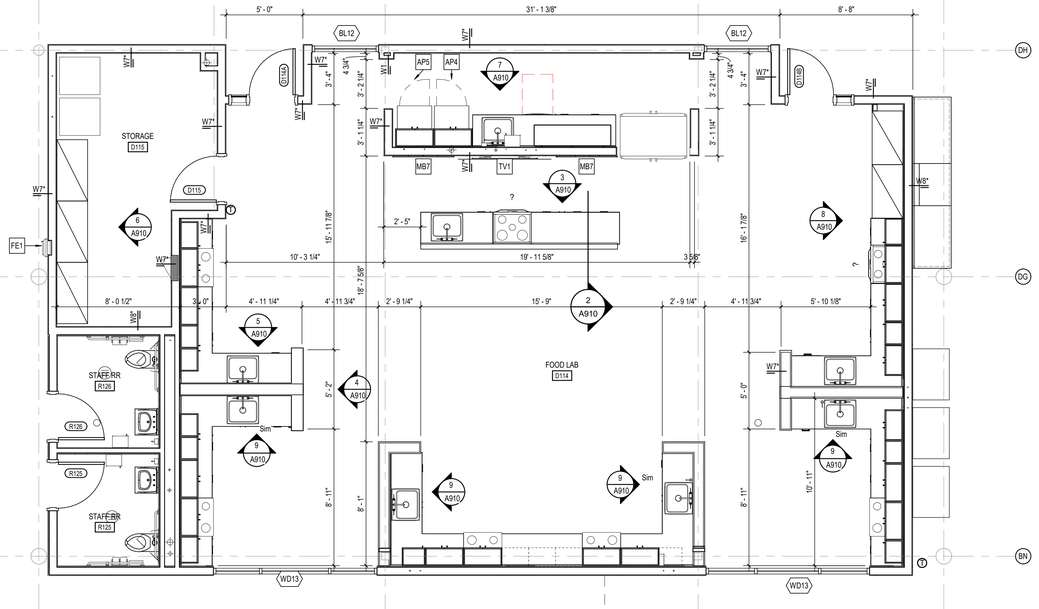
8 A910 **ADA FOOD LAB STATION**
SCALE: 1/4" = 1'-0"



4 A910 **FOOD LAB STATION**
SCALE: 1/4" = 1'-0"



3 A910 **FOOD LAB TEACHING STATION**
SCALE: 1/4" = 1'-0"



1 A910 **ENLARGED FOOD LAB PLAN**
SCALE: 1/4" = 1'-0"

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PROJECT:
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BID DOCUMENTS
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REVISIONS:

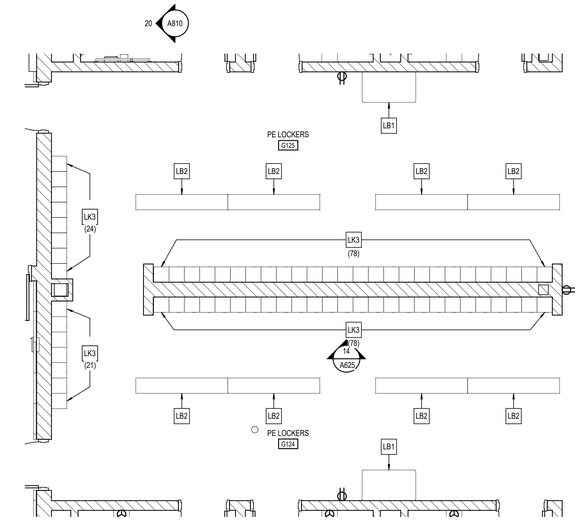
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
ENLARGED FOOD LAB PLAN

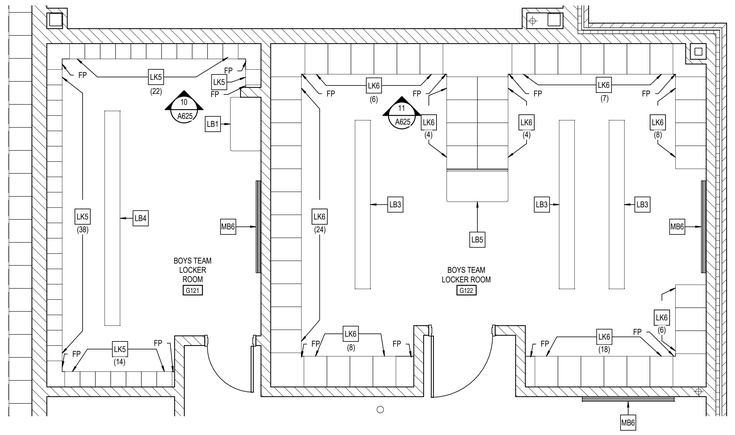
CERTIFIED BY:
BRENT C. HIRT REGISTERED No. AR11700184 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
A910

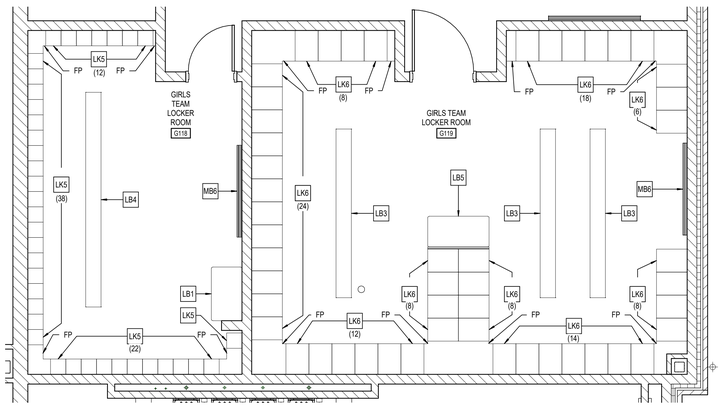
PROJECT NUMBER
2023061



3 A911 ENLARGED LOCKER ROOM PLAN
SCALE: 1/4" = 1'-0"
A810



2 A911 ENLARGED LOCKER ROOM PLAN
SCALE: 1/4" = 1'-0"



1 A911 ENLARGED LOCKER ROOM PLAN
SCALE: 1/4" = 1'-0"

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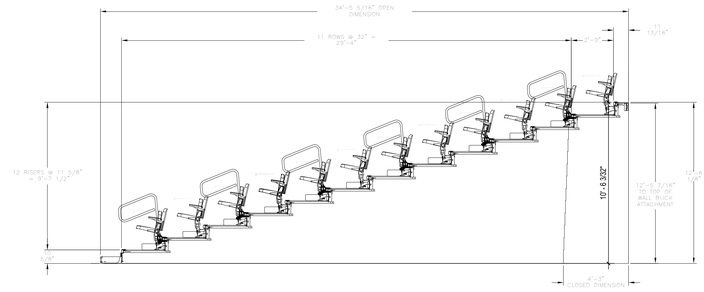
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
ENLARGED LOCKER ROOM PLANS

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

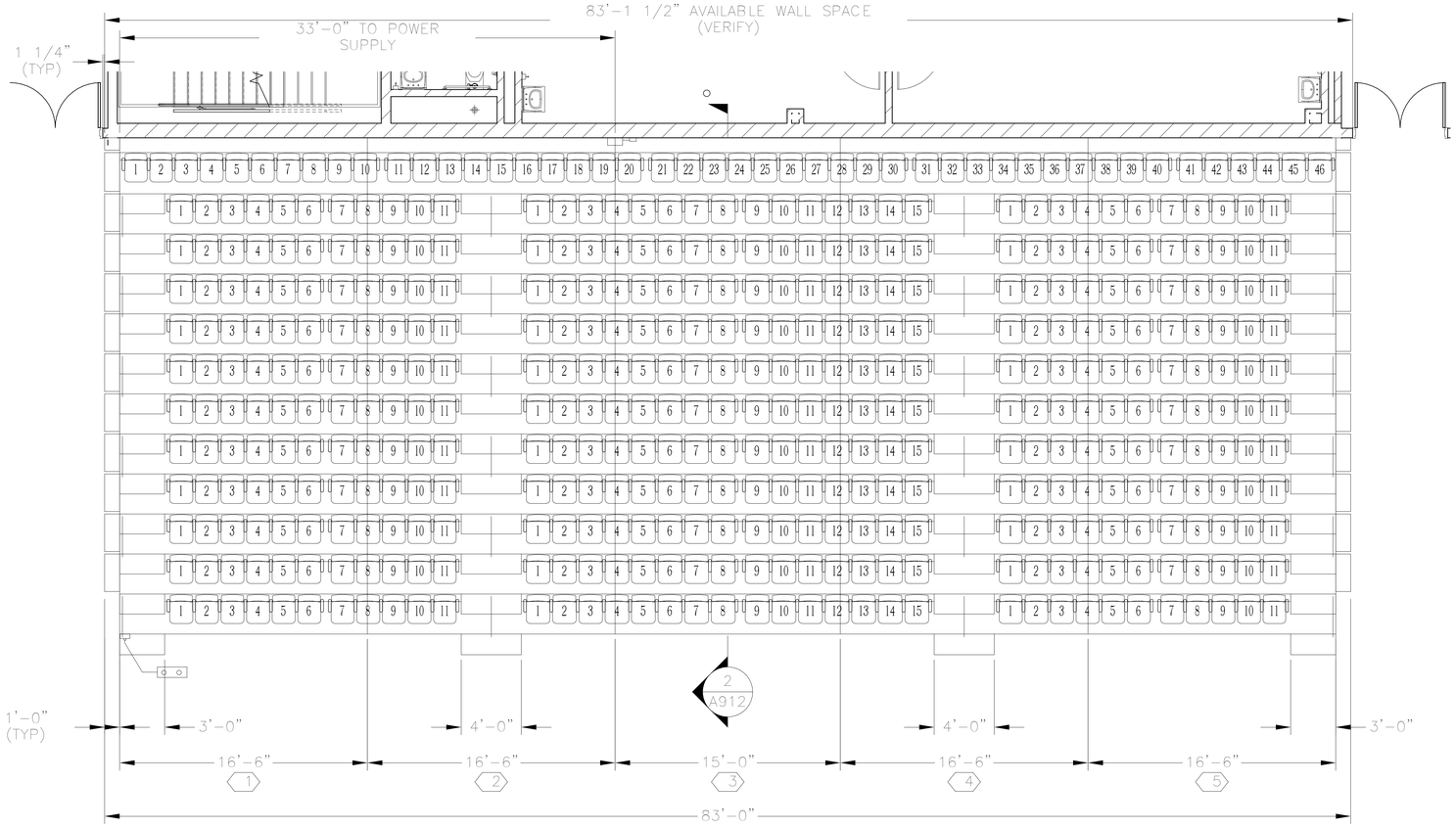
DRAWING NUMBER
A911

PROJECT NUMBER
2023061



FLEX THEATER - RETRACTABLE AUDIENCE SEATING SECTION

2 / A912 SCALE: 1/4" = 1'-0"



GALLERY 3 SEAT SUMMARY

SIZE	QUANTITY
[460]	0
19"	0
[490]	0
[500]	0
[510]	25
[520]	261
21"	46
[540]	121
TOTAL:	453

FLEX THEATER - RETRACTABLE AUDIENCE SEATING PLAN

1 / A912 SCALE: 1/4" = 1'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

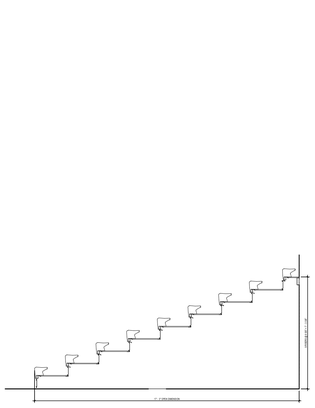
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
BLEACHER PLAN AND DETAILS

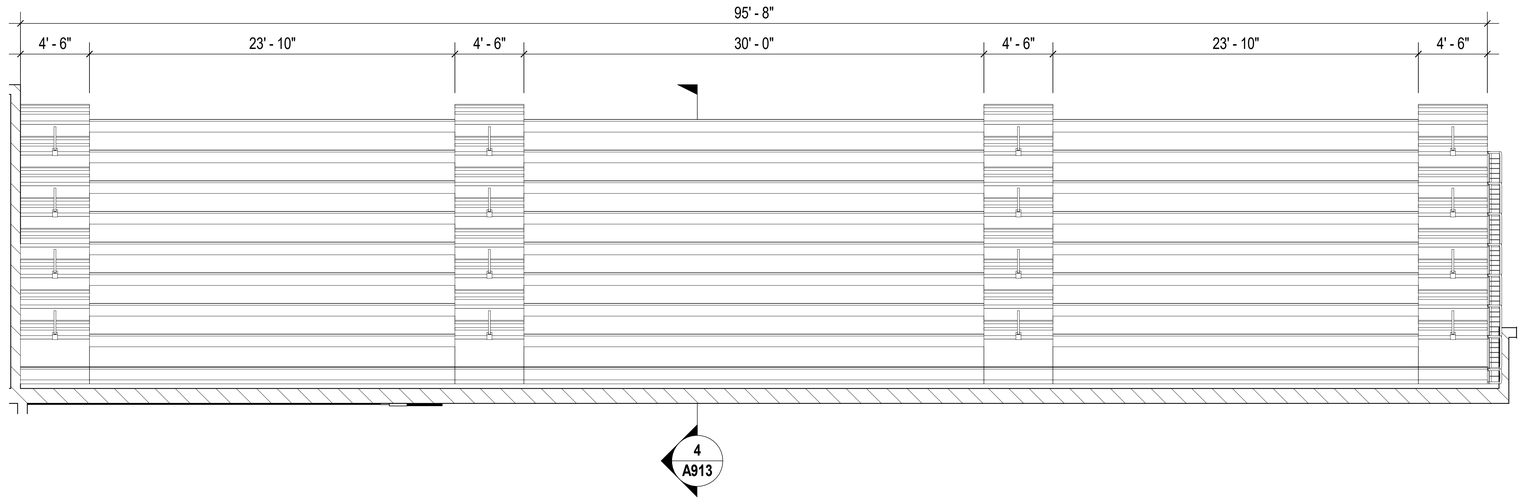
CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A912

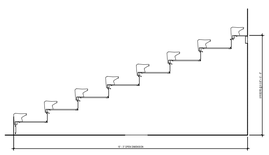
PROJECT NUMBER
2023061



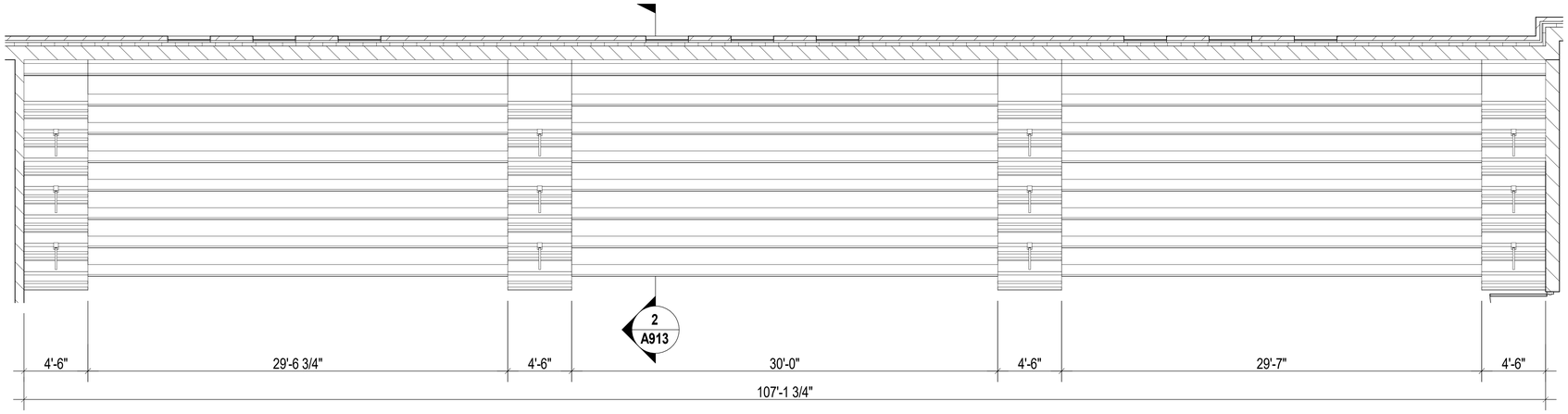
4 A913 MAIN GYM - BLEACHER SECTION
SCALE: 1/4" = 1'-0"



3 A913 MAIN GYM - BLEACHER PLAN
SCALE: 1/4" = 1'-0"



2 A913 AUX GYM - BLEACHER SECTION
SCALE: 1/4" = 1'-0"



1 A913 AUX GYM - BLEACHER PLAN
SCALE: 1/4" = 1'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project. They indicate the general arrangement of the mechanical systems in the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the construction work.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
BLEACHER PLAN AND DETAILS

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A913

PROJECT NUMBER
2023061

Westfield Middle School West

Westfield Washington Schools

Board of School Trustees

Bill Anderson, President

Amber N. Willis, Vice President

Mike Steele, Secretary

Jimmy Cox, Board Member

Rebecca Ogle, Board Member

Administration

Dr. Paul Kaiser, Superintendent

Brian Tomamichel, Assistant Superintendent

Dr. John Atha, Assistant Superintendent

Chris Baldwin, Assistant Superintendent

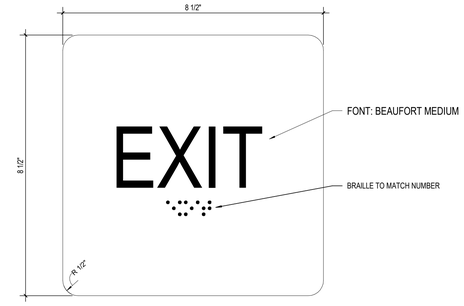
Brian Kelly, Director of Facilities and Construction

Mike Hall, Director of Operations

Architect: CSO
Construction Manager: Hagerman

2024

9 A920 BUILDING PLAQUE
SCALE: 3" = 1'-0"



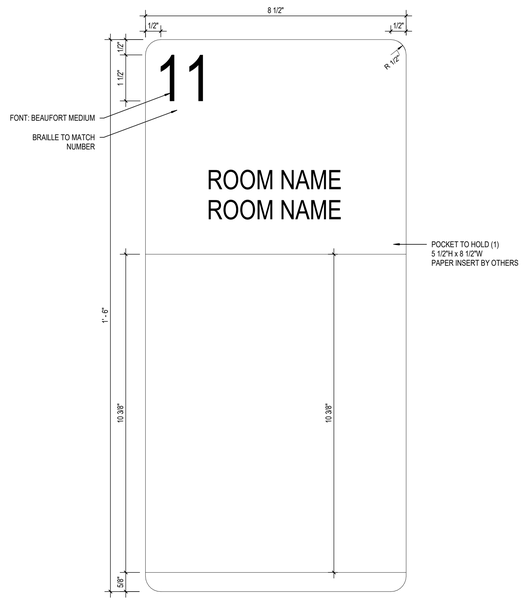
11 A920 TYPE "J"
SCALE: 6" = 1'-0"

SIGNAGE GENERAL NOTES

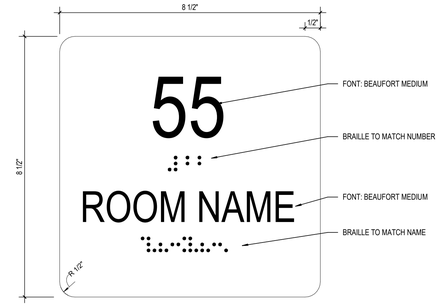
1. CONTRACTOR SHALL VERIFY ALL SIGN TYPES ARE COMPLIANT WITH ALL APPLICABLE ACCESSIBLE REQUIREMENTS PRIOR TO FABRICATION.
2. CONTRACTOR SHALL SUBMIT SIGNAGE SCHEDULE TO ARCHITECT FOR APPROVAL PRIOR TO FABRICATION.
3. REFERENCE A002 FOR TYP. MOUNTING HEIGHTS
4. COLORS SHALL BE SELECTED BY ARCHITECT.
5. SIDES OF SIGN SHALL BE PAINTED TO MATCH SIGN FACE
6. PROVIDE (1) SIGN ON THE PUBLIC SIDE OF EVERY DOOR OF EVERY ROOM.
7. FINAL ROOM NUMBERING AND NAMES SHALL BE COORDINATED AND APPROVED BY OWNER PRIOR TO FABRICATION.
8. ALL EXTERIOR DOORS SHALL HAVE VINYL NUMBERS AND/OR LETTER ON EXTERIOR OF DOOR OR GLASS ABOVE DOOR. REFER TO SPECIFICATION SECTION 10 14 23.

SIGNAGE LOCATION SCHEDULE

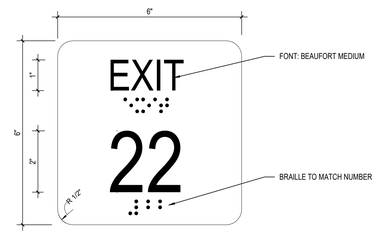
SIGN TYPE	LOCATIONS
A	OFFICES, CLASSROOMS
B	STORAGE, ELECTRICAL, CUSTODIAL, MULTI-PURPOSE, MECHANICAL, WORK ROOM, IDF
C	RESTROOMS
D	EACH EXTERIOR ENTRANCE - INTERIOR SIDE, NOT INCLUDING CLASSROOMS DOORS
E	CONFERENCE ROOMS
F	CLASSROOM - INTERIOR SIDE
G	STAIRS
H	STORAGE, ELECTRICAL, CUSTODIAL, MECHANICAL, IDF
J	EACH EXTERIOR ENTRANCE - INTERIOR SIDE, NOT INCLUDING CLASSROOMS DOORS



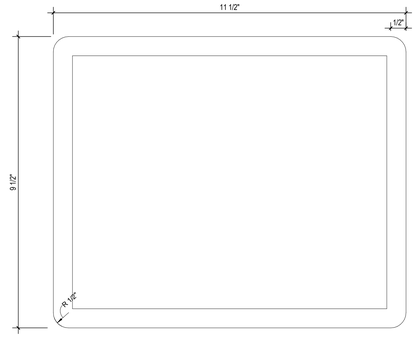
5 A920 SIGN TYPE "E"
SCALE: 6" = 1'-0"



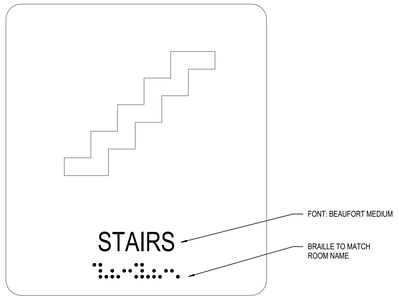
8 A920 SIGN TYPE "H"
SCALE: 6" = 1'-0"



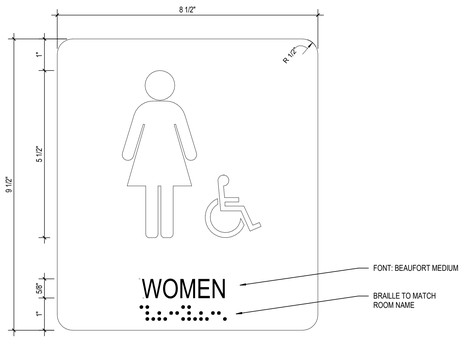
4 A920 SIGN TYPE "D"
SCALE: 6" = 1'-0"



6 A920 SIGN TYPE "F"
SCALE: 6" = 1'-0"



7 A920 SIGN TYPE "G"
SCALE: 6" = 1'-0"



C.2

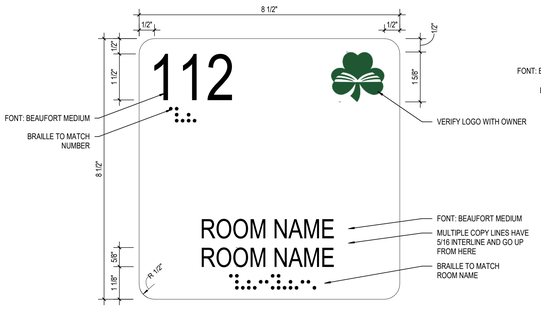


C.1

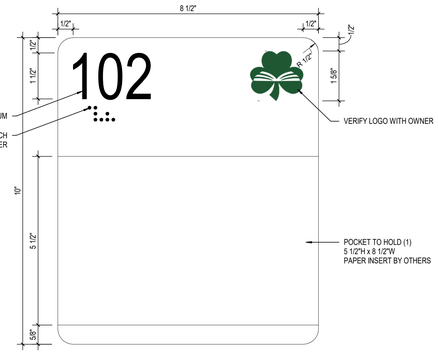


C.3

3 A920 SIGN TYPE "C"
SCALE: 6" = 1'-0"



2 A920 SIGN TYPE "B"
SCALE: 6" = 1'-0"



1 A920 SIGN TYPE "A"
SCALE: 6" = 1'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project. They are intended to establish the basic architectural intent of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the construction work of the project.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

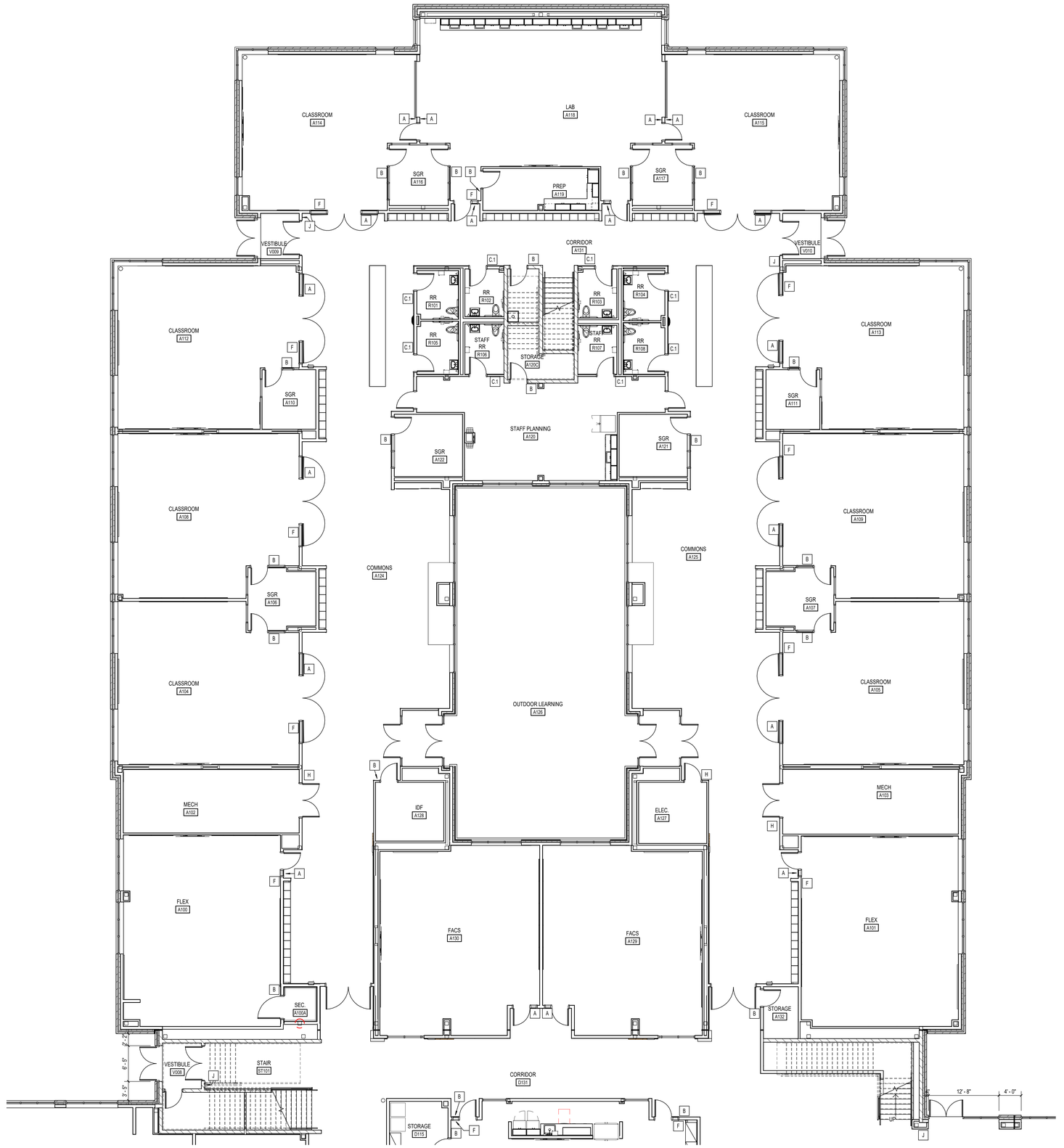
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
SIGNAGE

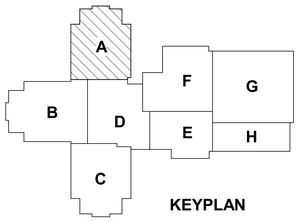
CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A920

PROJECT NUMBER
2023061



1 A921A GROUND FLOOR SIGNAGE - UNIT A
SCALE: 1/8" = 1'-0"



KEYPLAN

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PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

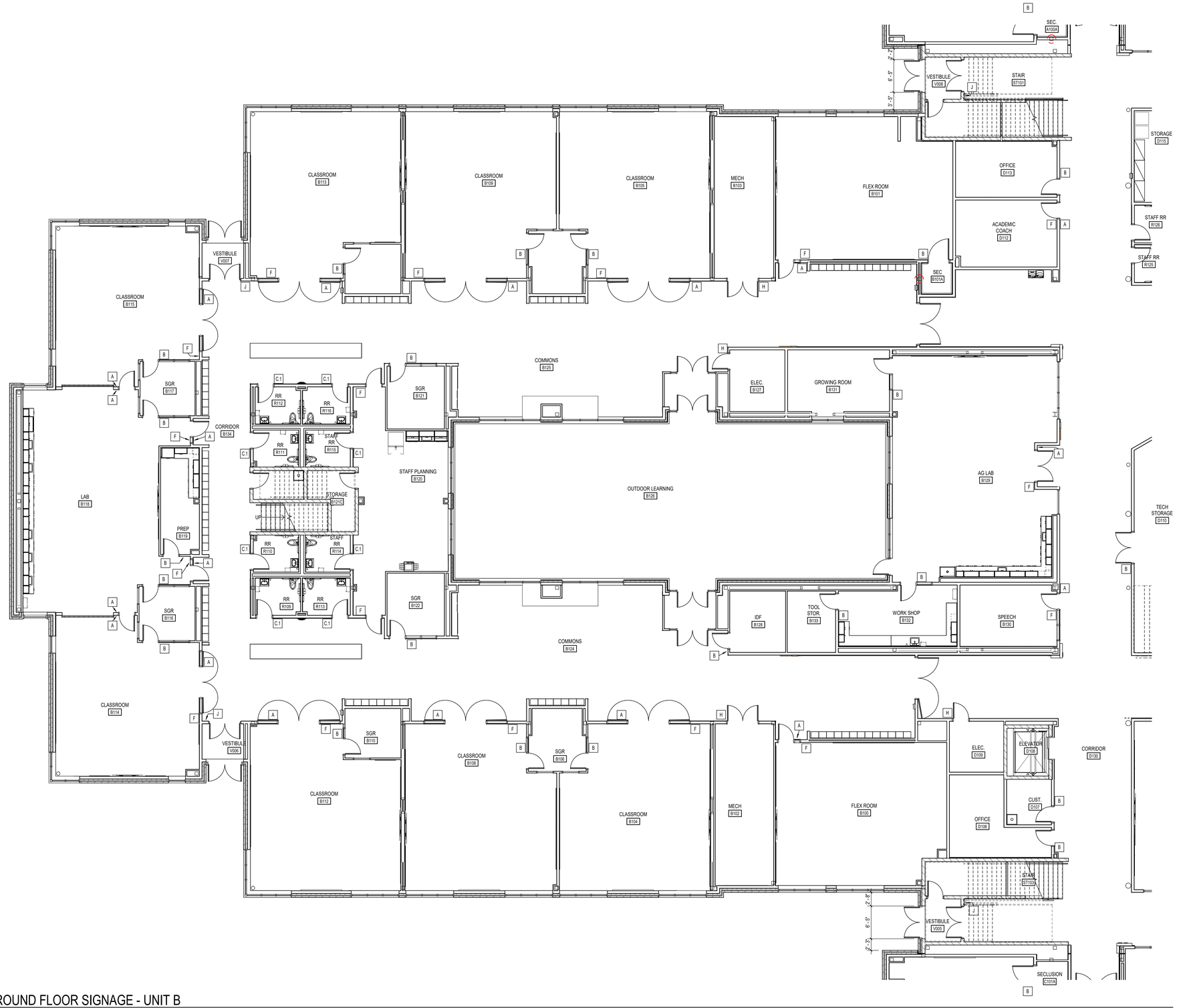
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
PARTIAL SIGNAGE PLAN - GROUND FLOOR UNIT A

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

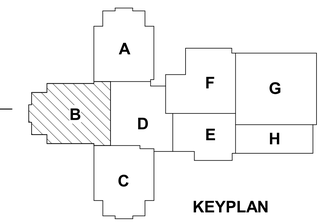
DRAWING NUMBER
A921A

PROJECT NUMBER
2023061



1 A921B GROUND FLOOR SIGNAGE - UNIT B

SCALE: 1/8" = 1'-0"



KEYPLAN

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

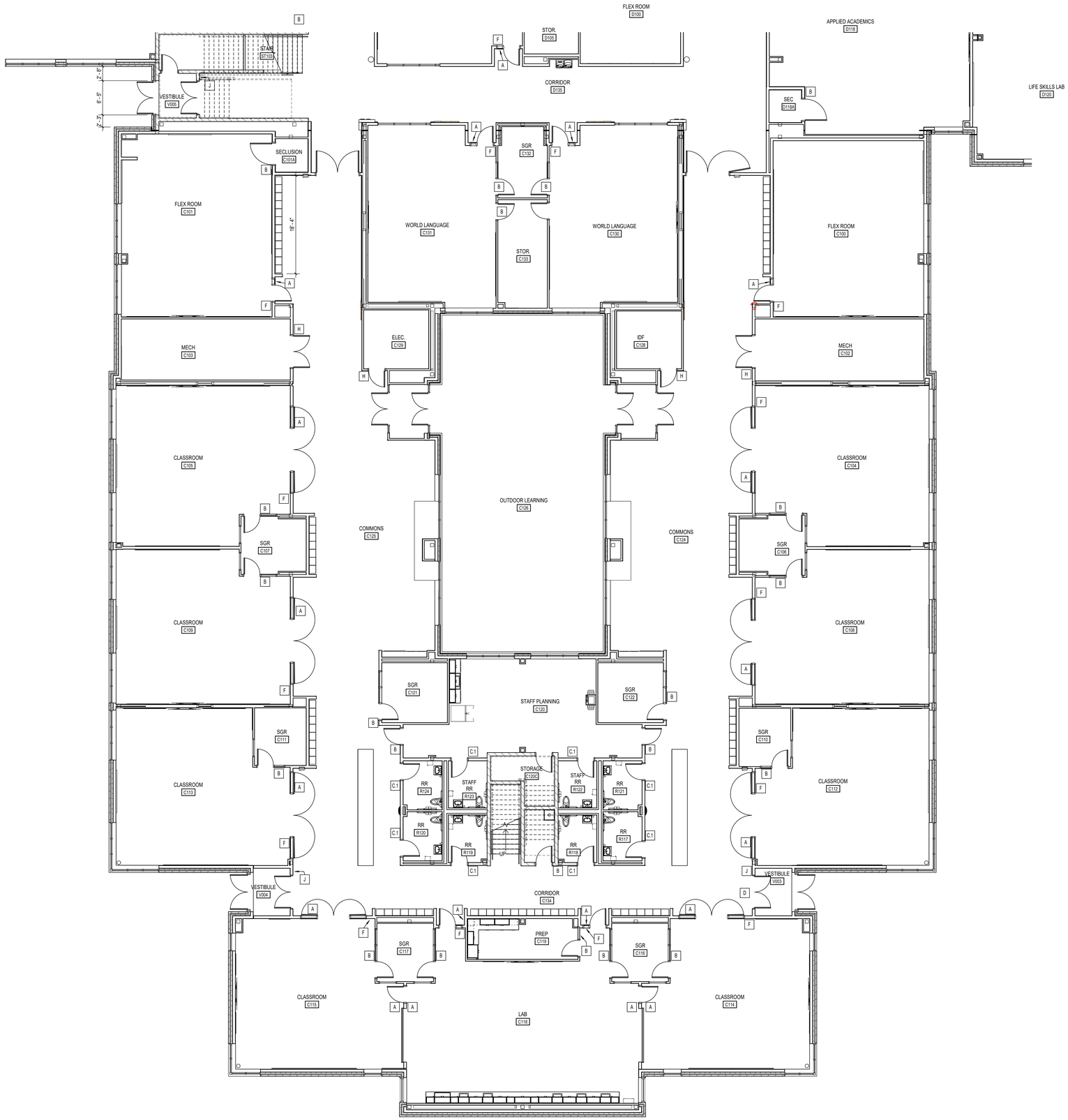
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
PARTIAL SIGNAGE PLAN - GROUND FLOOR UNIT B

CERTIFIED BY:
BRENTON C. HAZE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

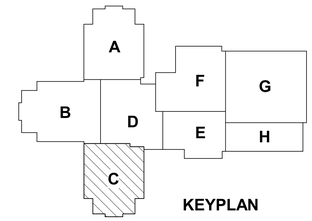
DRAWING NUMBER
A921B

PROJECT NUMBER
2023061



1 A921C GROUND FLOOR SIGNAGE - UNIT C

SCALE: 1/8" = 1'-0"



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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
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REVISIONS:

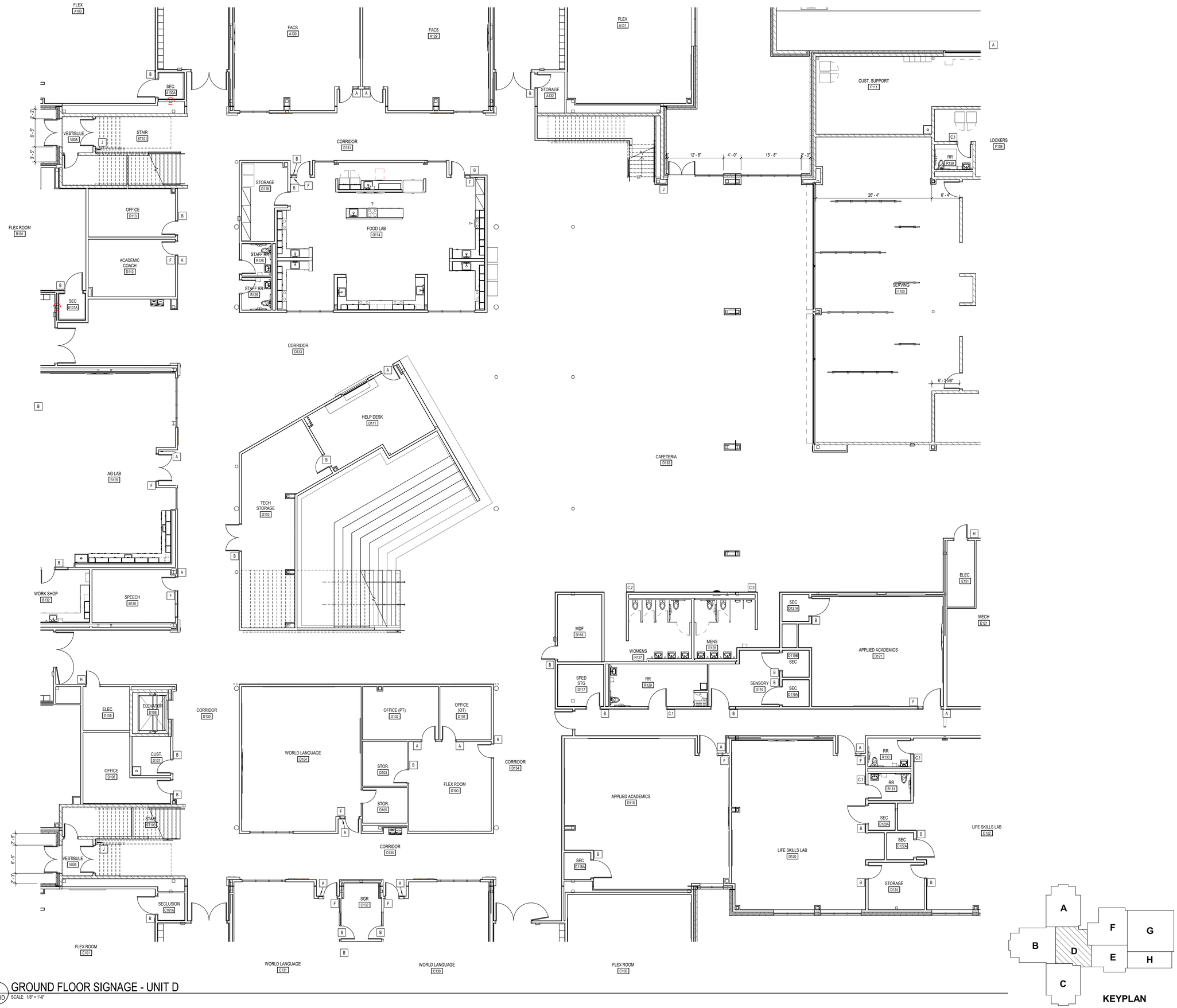
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
PARTIAL SIGNAGE PLAN - GROUND FLOOR UNIT C

CERTIFIED BY:
BRENTON C. HIDE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A921C

PROJECT NUMBER
2023061



1 A921D GROUND FLOOR SIGNAGE - UNIT D
SCALE: 1/8" = 1'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

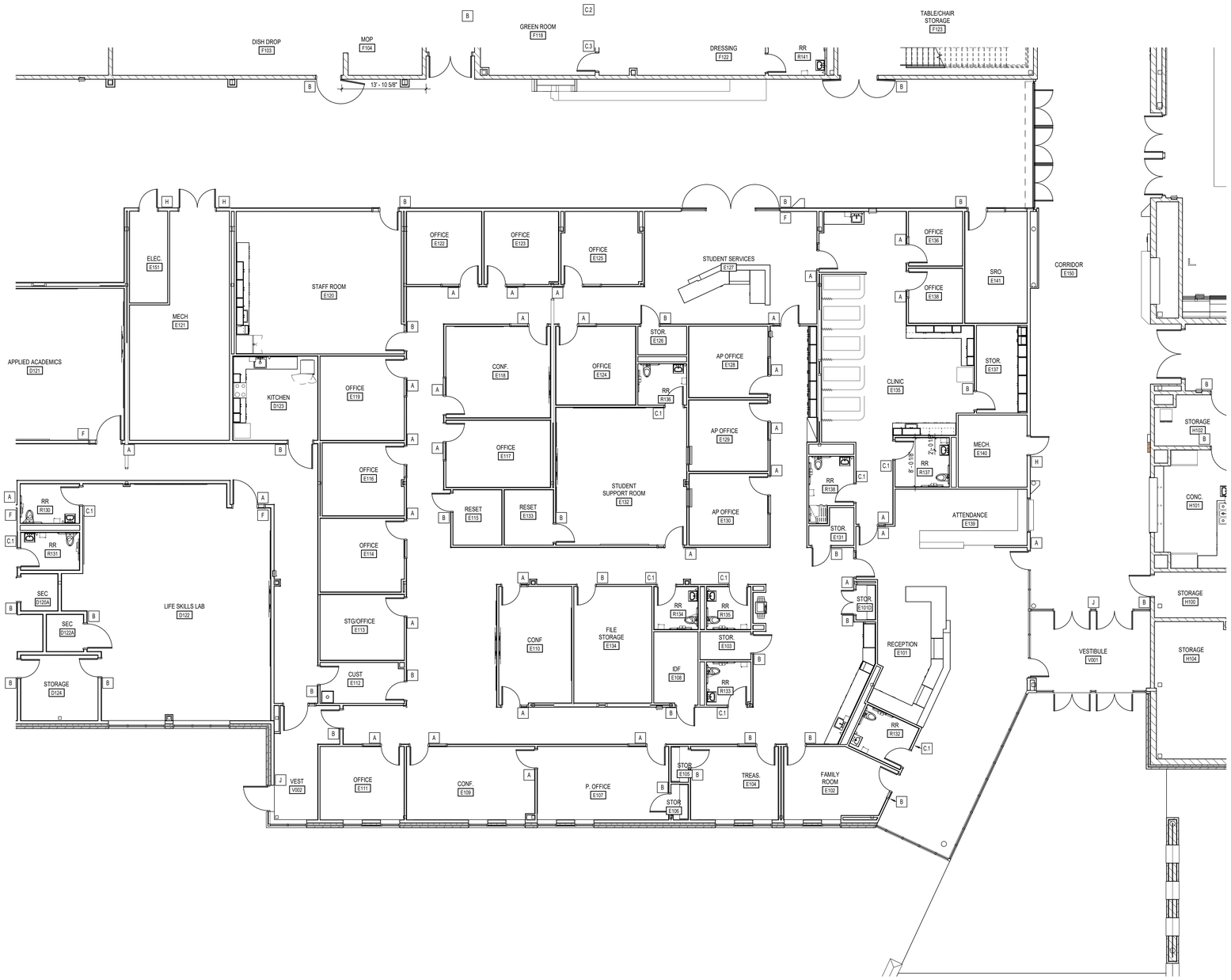
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
PARTIAL SIGNAGE PLAN - GROUND FLOOR UNIT D

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

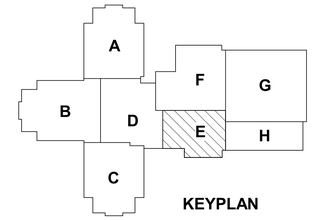
DRAWING NUMBER
A921D

PROJECT NUMBER
2023061



1 A921E GROUND FLOOR SIGNAGE - UNIT E

SCALE: 1/8" = 1'-0"



KEYPLAN

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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The contract documents are complementary and describe all work required for full performance and completion of the requirements of the Contract.
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REVISIONS:

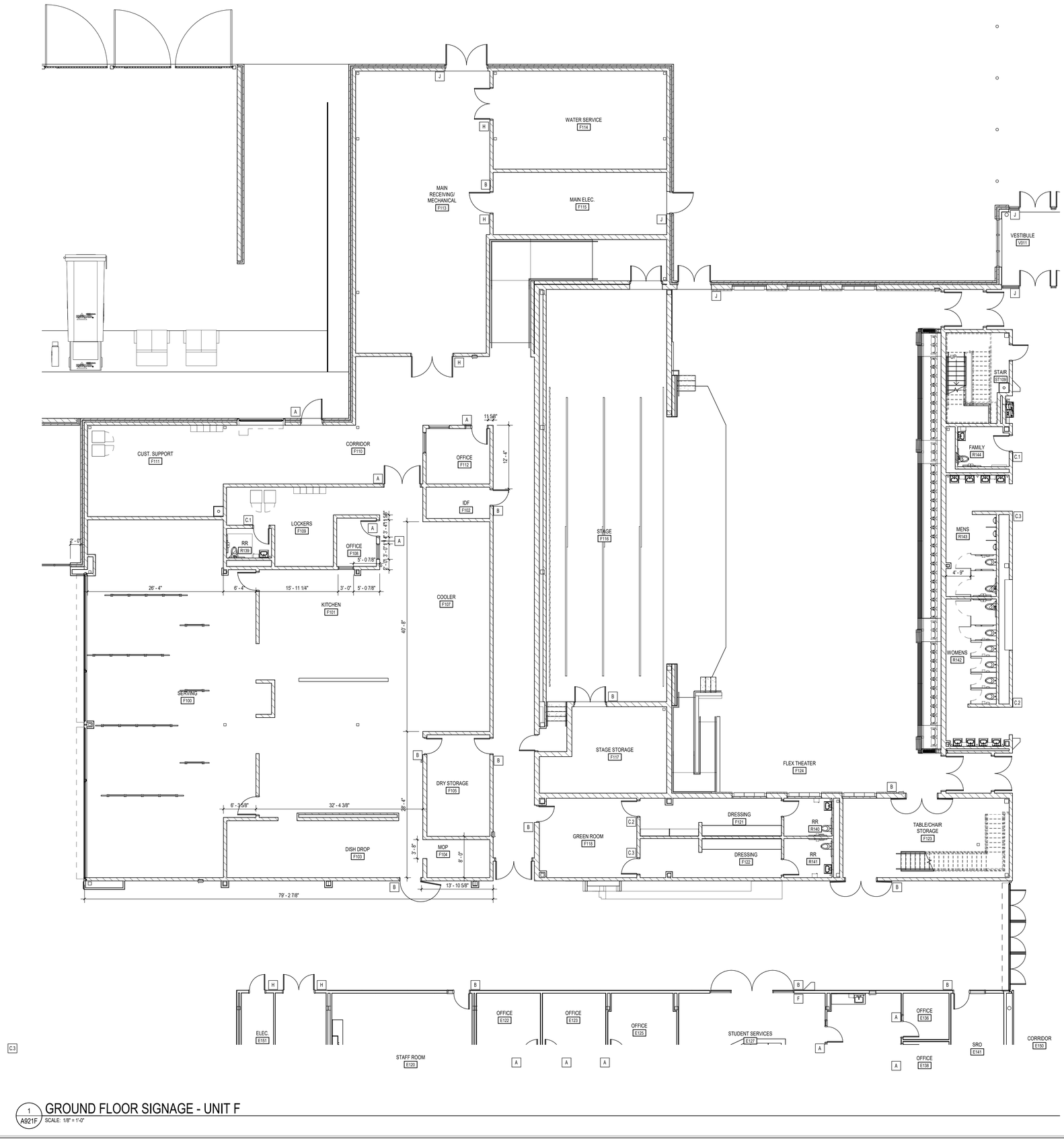
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
PARTIAL SIGNAGE PLAN - GROUND FLOOR UNIT E

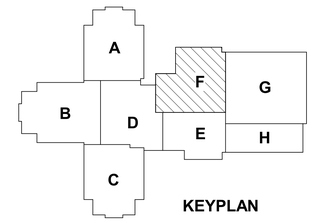
CERTIFIED BY:
BRENTON C. HITE REGISTERED No. AR11700184 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
A921E

PROJECT NUMBER
2023061



1 A921F GROUND FLOOR SIGNAGE - UNIT F
SCALE: 1/8" = 1'-0"



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PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

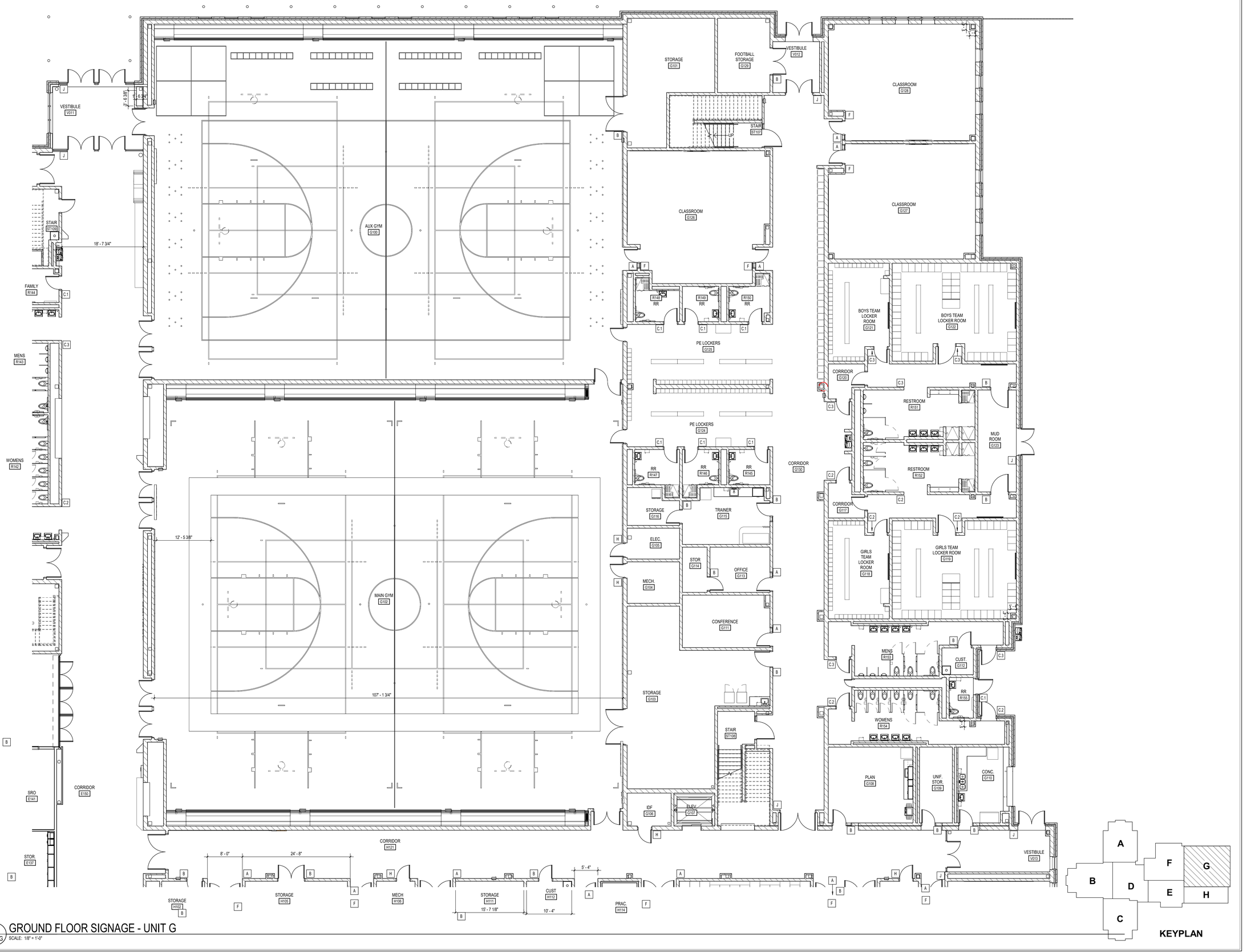
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
PARTIAL SIGNAGE PLAN - GROUND FLOOR UNIT F

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A921F

PROJECT NUMBER
2023061



1 A921G GROUND FLOOR SIGNAGE - UNIT G
SCALE: 1/8" = 1'-0"

KEYPLAN

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PROJECT:
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BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

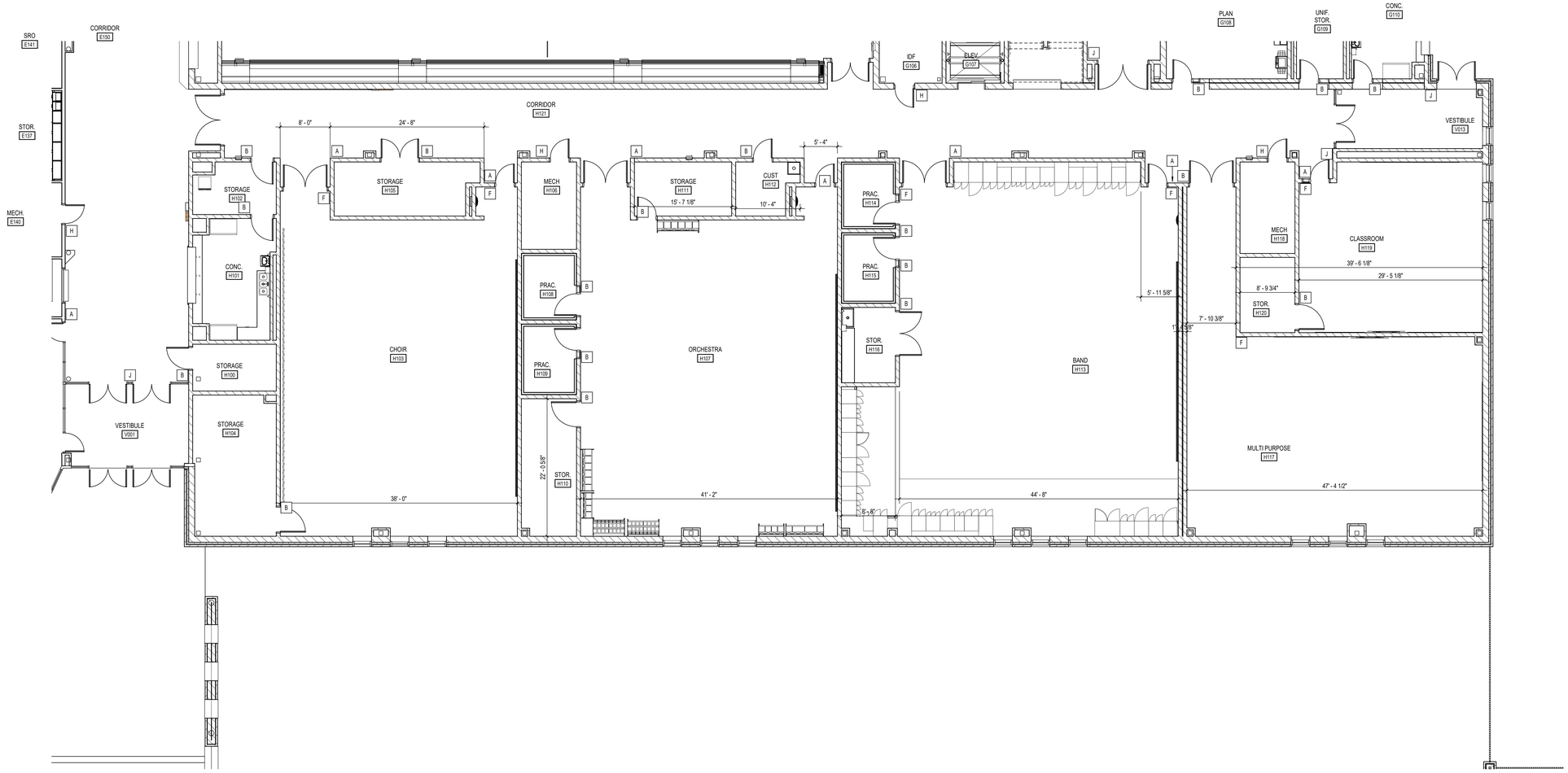
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
PARTIAL SIGNAGE PLAN - GROUND FLOOR UNIT G

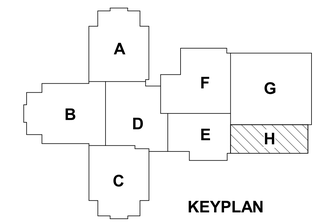
CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A921G

PROJECT NUMBER
2023061



1
A921H
GROUND FLOOR SIGNAGE - UNIT H
SCALE: 1/8" = 1'-0"



KEYPLAN

CSO
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

DRAWING TITLE:
PARTIAL SIGNAGE PLAN - GROUND FLOOR UNIT H

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A921H

PROJECT NUMBER
2023061

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PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST

BID DOCUMENTS

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DRAWING TITLE:

PARTIAL SIGNAGE PLAN - UNIT H Copy 1

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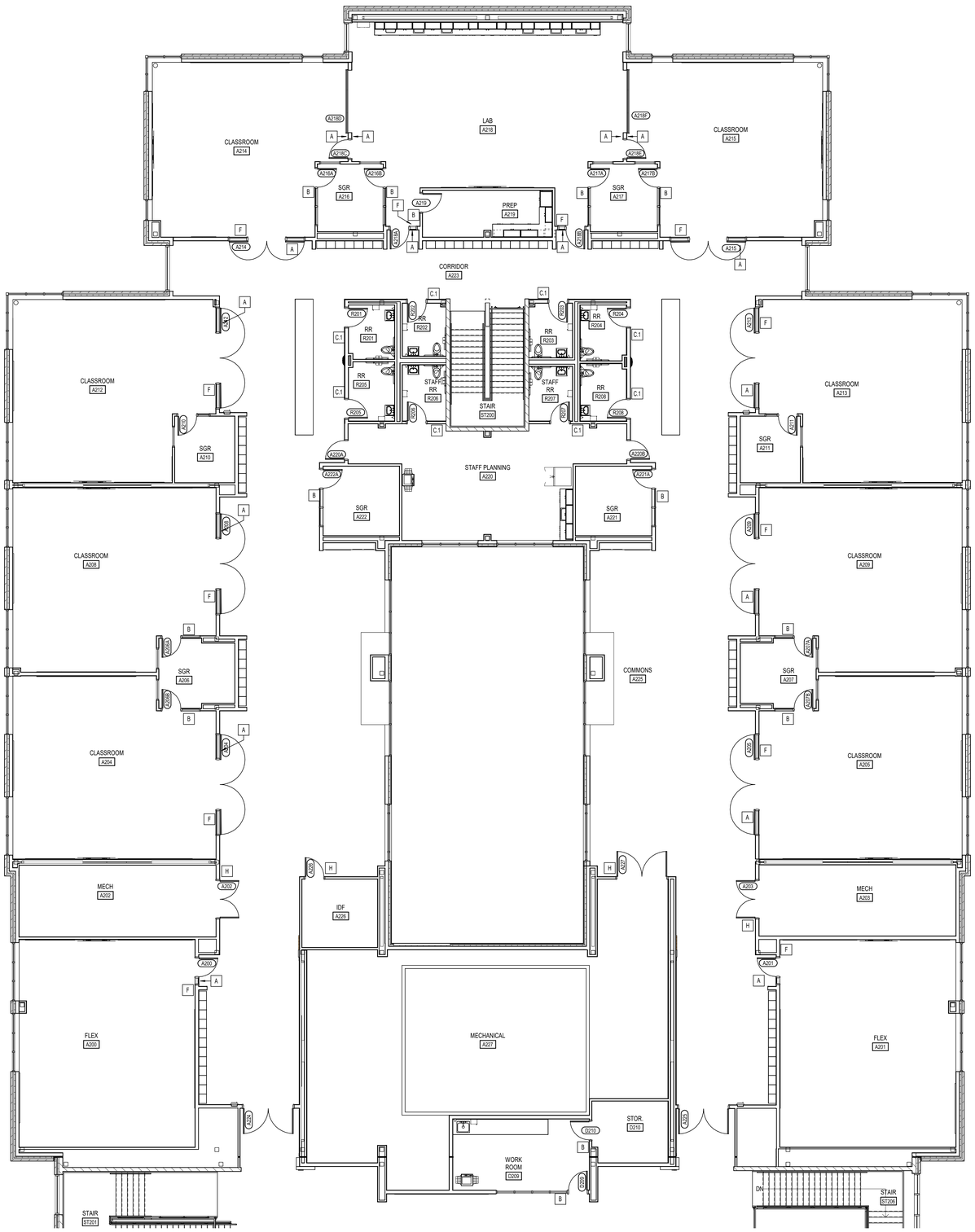
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER

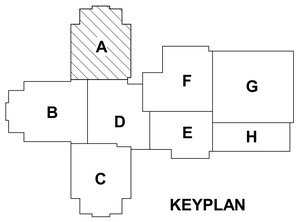
A921I

PROJECT NUMBER

2023061



1 A922A SECOND FLOOR SIGNAGE - SECOND FLOOR UNIT A
SCALE: 1/8" = 1'-0"



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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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The drawings are not intended to completely describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

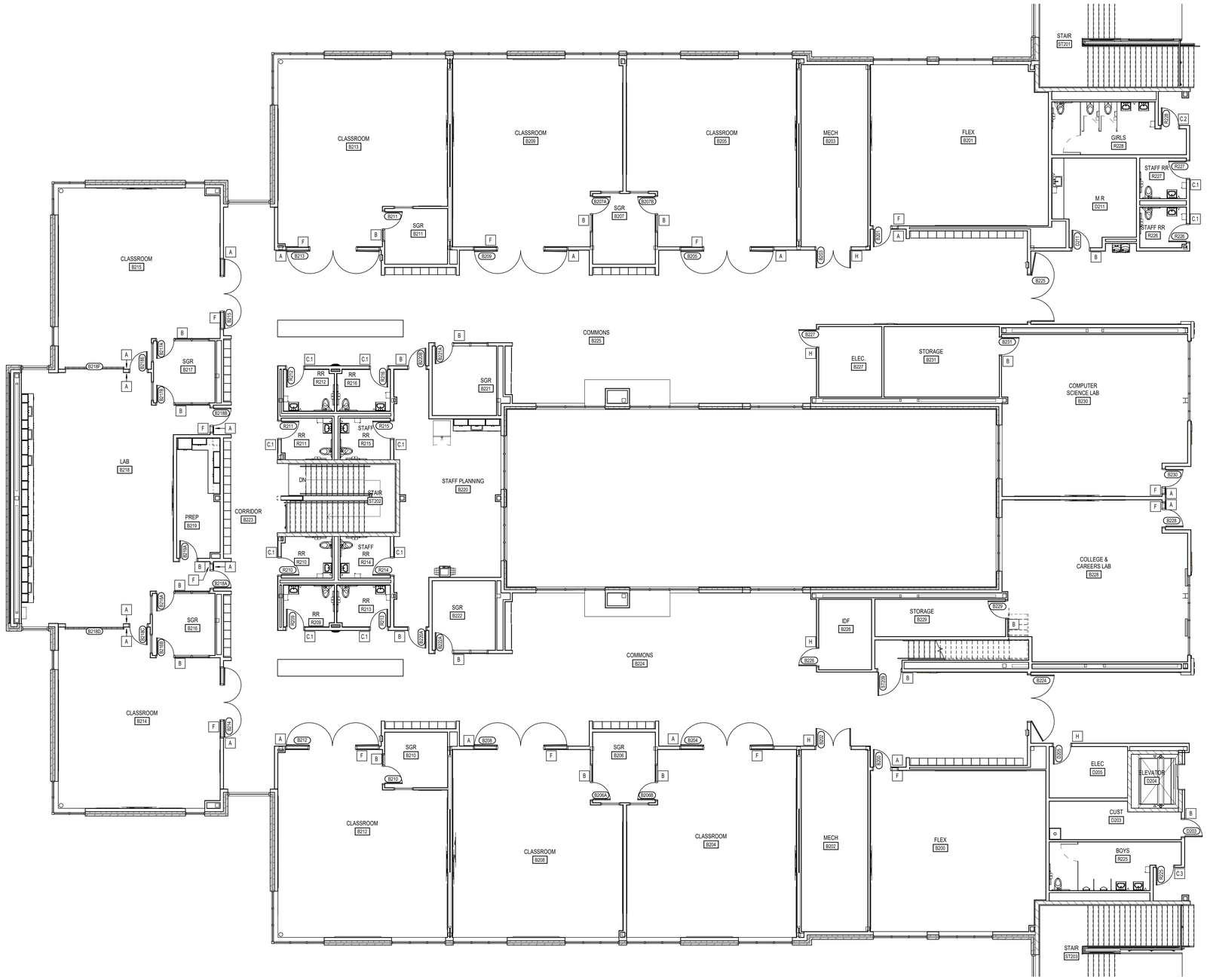
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	Author	Checker

DRAWING TITLE:
SECOND FLOOR SIGNAGE - SECOND FLOOR UNIT A

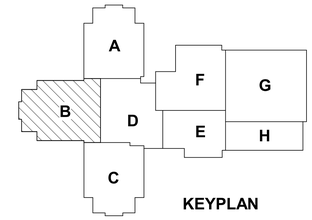
CERTIFIED BY:
BRENTON C. HITE REGISTERED No. AR11700184 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
A922A

PROJECT NUMBER
2023061



1 A922B SECOND FLOOR SIGNAGE - Dependent 3
SCALE: 1/8" = 1'-0"



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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
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BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project. They are intended to describe the design intent for the size of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the construction contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

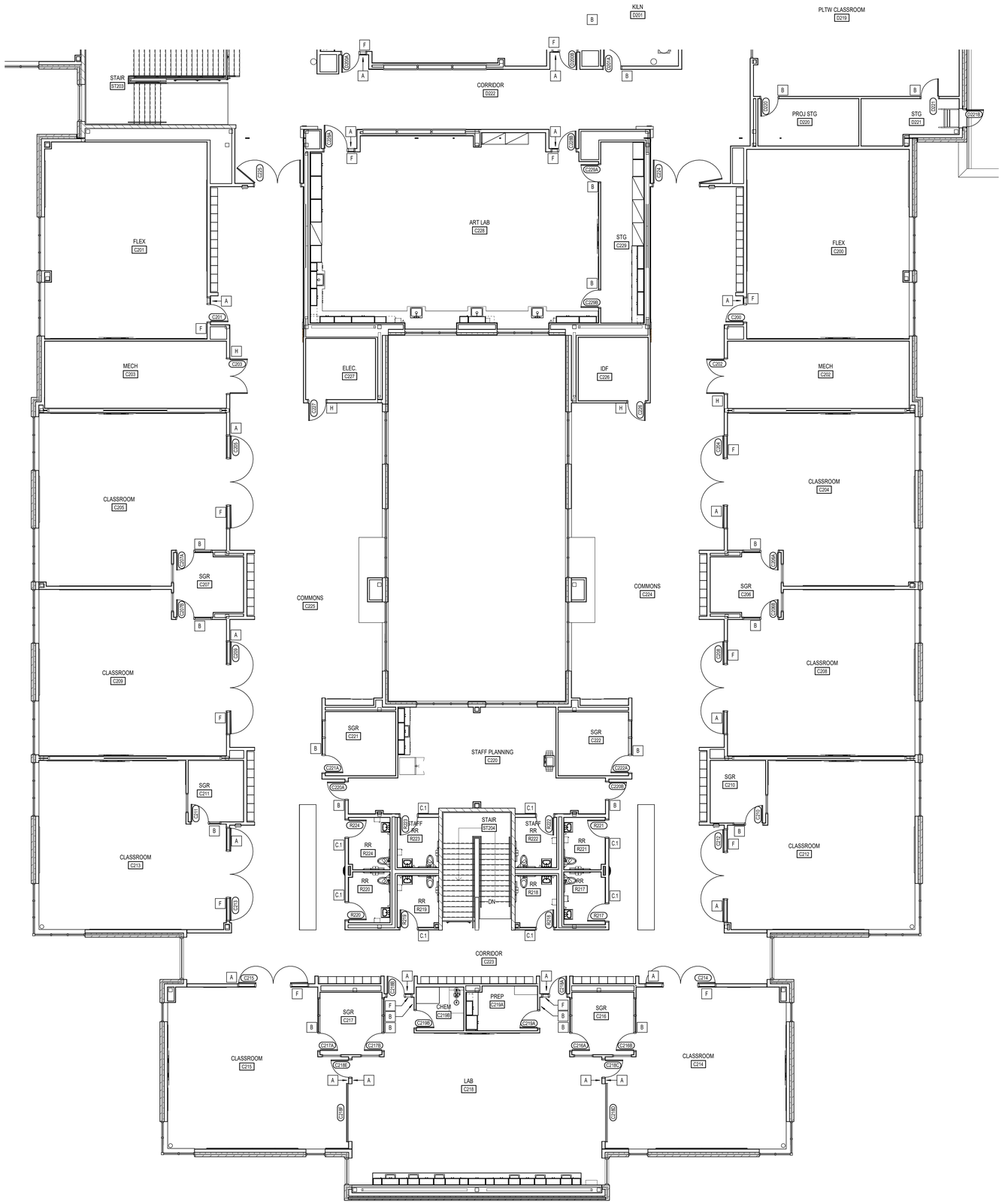
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	Author	Checker

DRAWING TITLE:
SECOND FLOOR SIGNAGE - SECOND FLOOR UNIT B

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

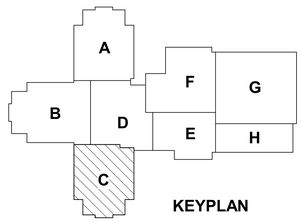
DRAWING NUMBER
A922B

PROJECT NUMBER
2023061



1 A922C SECOND FLOOR SIGNAGE - SECOND FLOOR UNIT C

SCALE: 1/8" = 1'-0"



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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

These drawings indicate the general scope of the project. They are not intended to include all items required to complete the building, the major architectural elements and the type of structural, mechanical and electrical systems.

The drawings do not necessarily indicate or describe all work required for full performance and completion of the contractor's scope of work.

On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

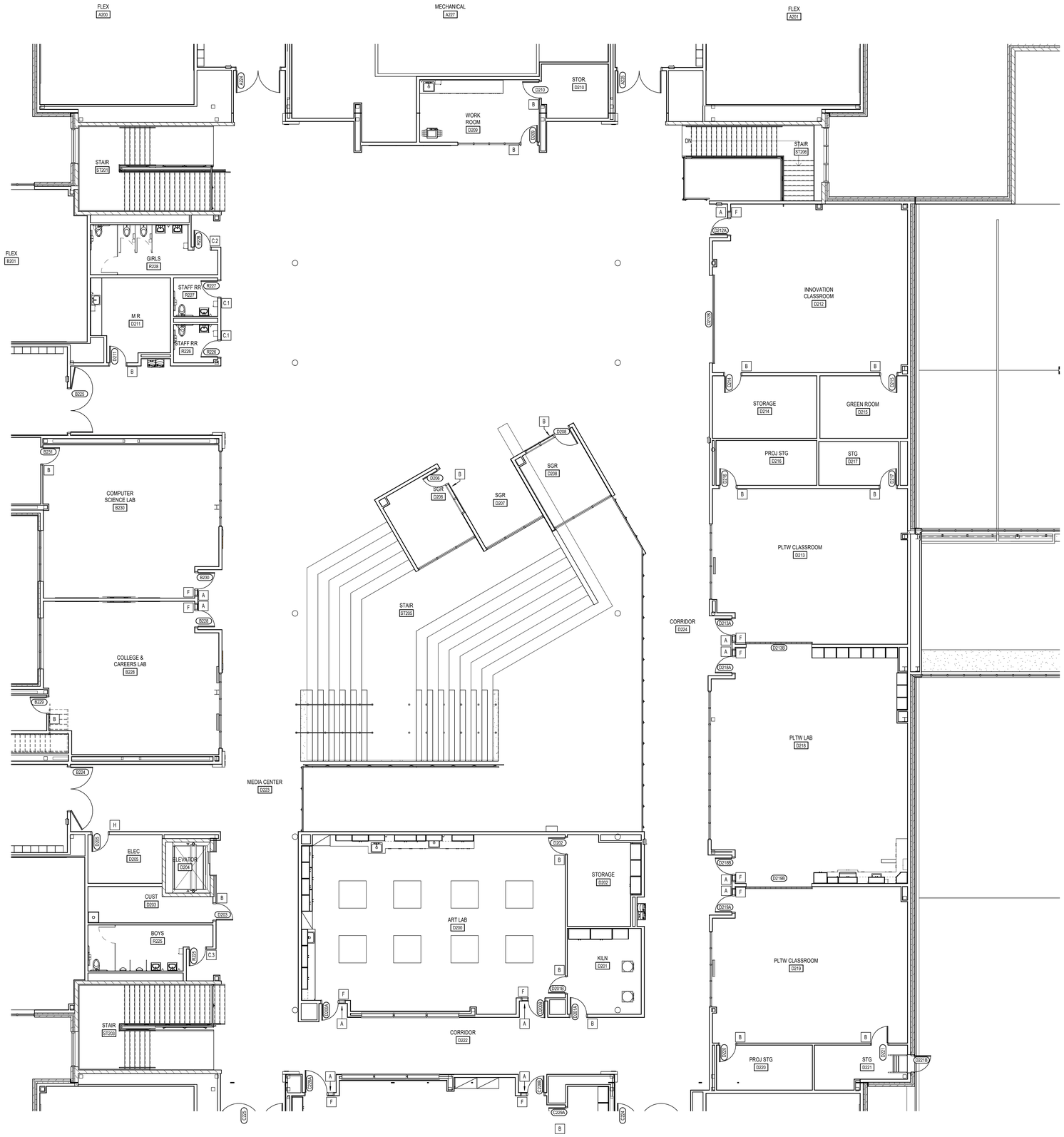
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	Author	Checker

DRAWING TITLE:
SECOND FLOOR SIGNAGE - SECOND FLOOR UNIT C

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A922C

PROJECT NUMBER
2023061



1 A922D SECOND FLOOR SIGNAGE - SECOND FLOOR UNIT D
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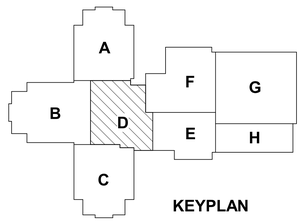

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PROJECT:
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BID DOCUMENTS
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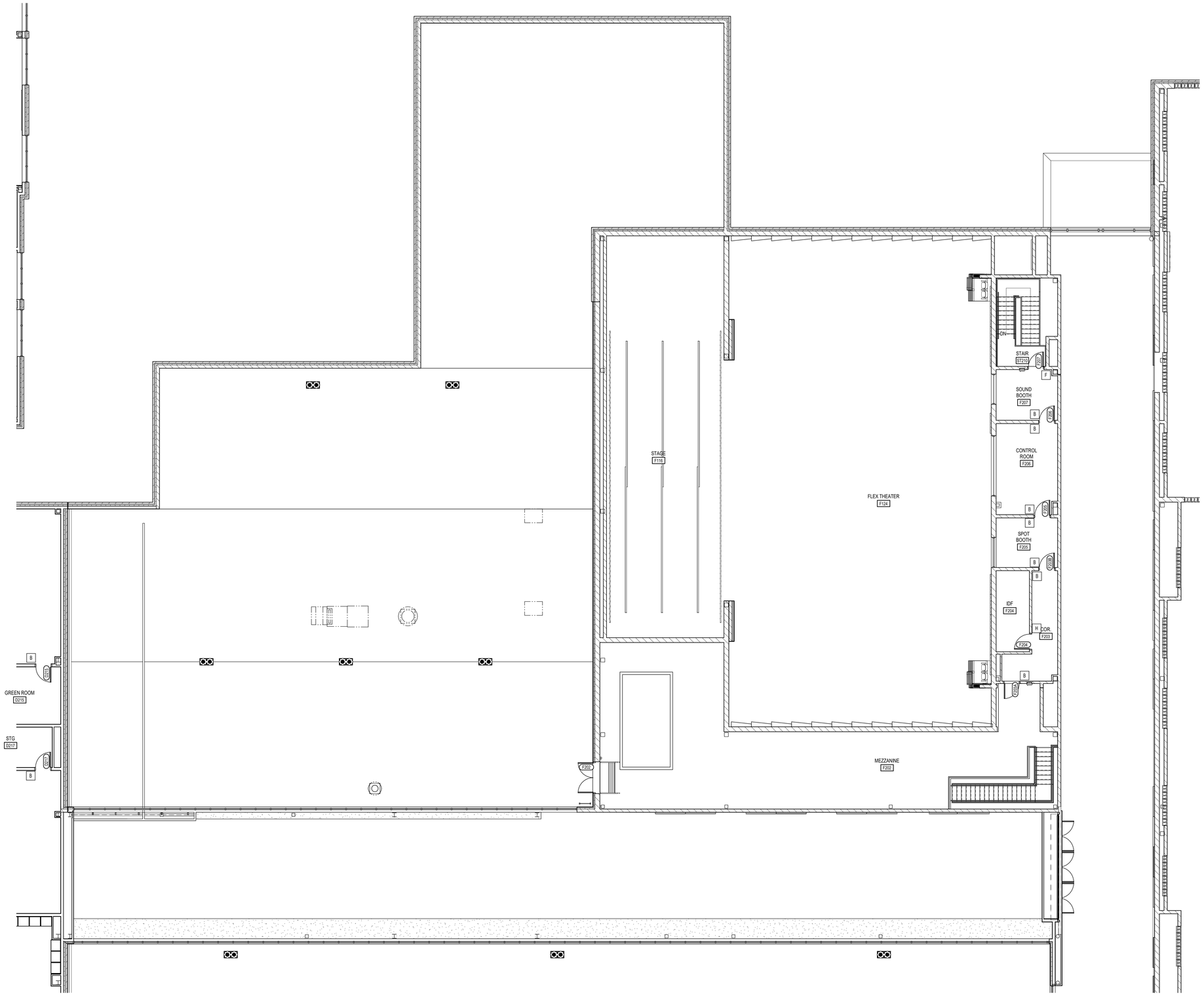
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	Author	Checker

DRAWING TITLE:
SECOND FLOOR SIGNAGE - SECOND FLOOR UNIT D

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A922D

PROJECT NUMBER
2023061



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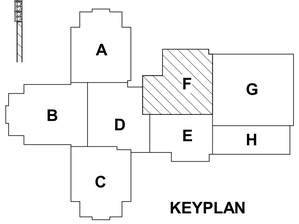
SCALE: 1/8" = 1'-0"



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08/09/24	Author	Checker

DRAWING TITLE:
SECOND FLOOR SIGNAGE - SECOND FLOOR UNIT F

CERTIFIED BY:
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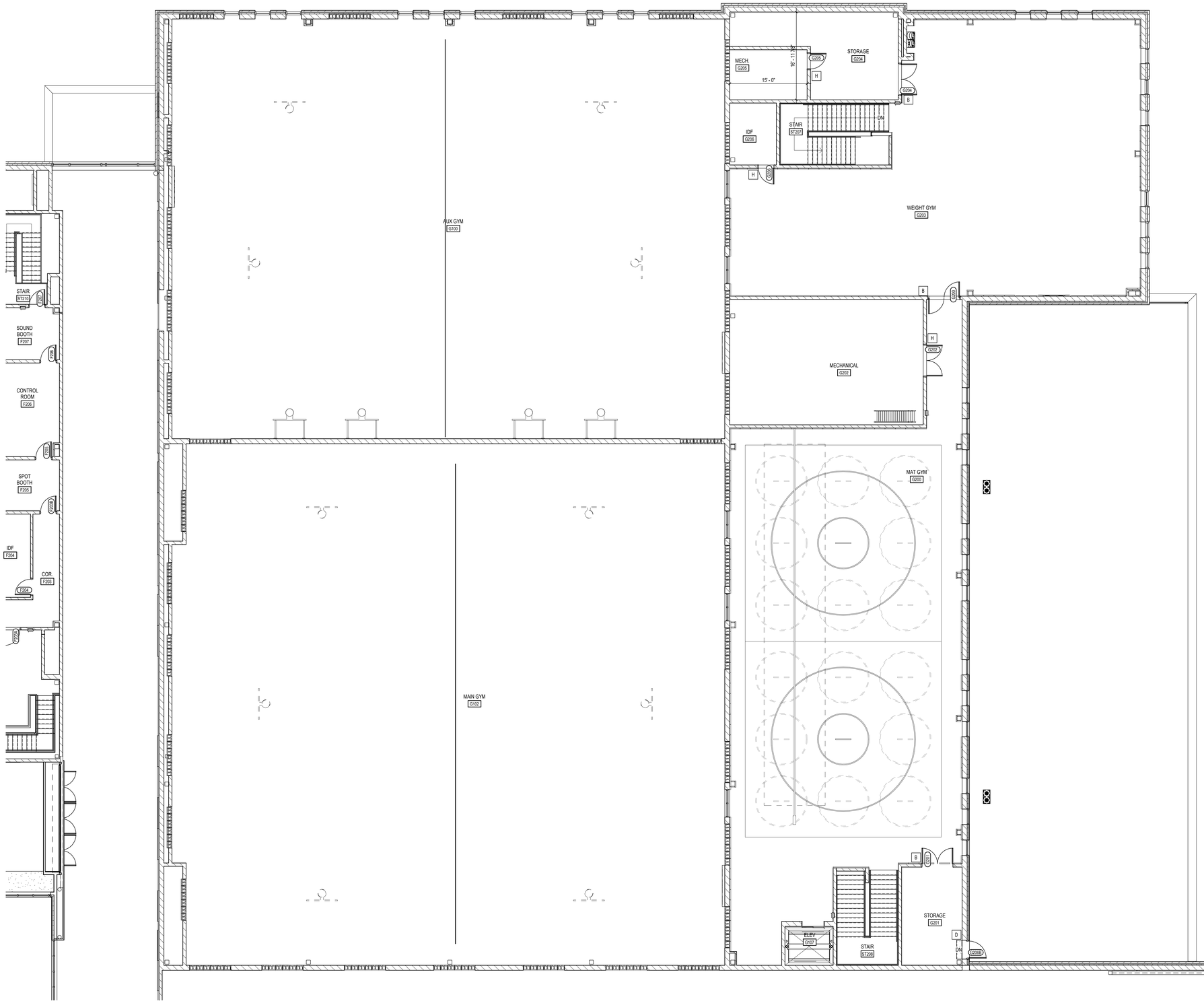
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

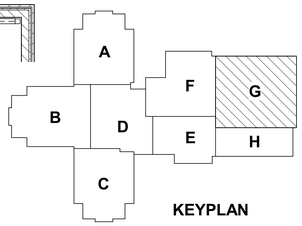
DRAWING NUMBER
A922F

PROJECT NUMBER
2023061



1 A922G SECOND FLOOR SIGNAGE - SECOND FLOOR UNIT G

SCALE: 1/8" = 1'-0"



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WESTFIELD MIDDLE SCHOOL WEST

BID DOCUMENTS

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	Author	Checker

DRAWING TITLE:

SECOND FLOOR SIGNAGE - SECOND FLOOR UNIT G

CERTIFIED BY:

BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

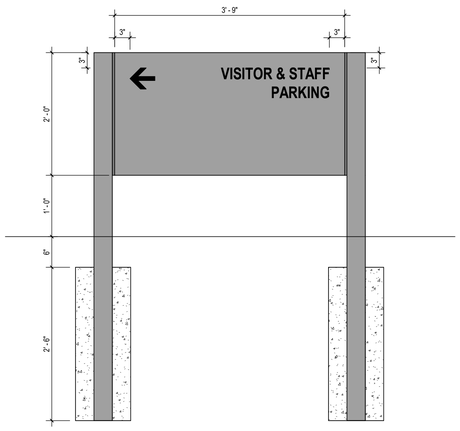
DRAWING NUMBER

A922G

PROJECT NUMBER

2023061

SIGN 1 NORTH FACE



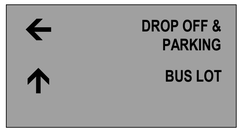
SIGN 2 - NORTH FACE



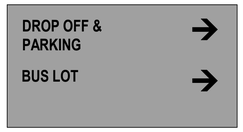
SIGN 3 - EAST FACE



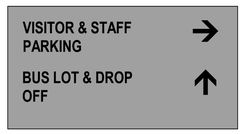
SIGN 4 - EAST FACE



SIGN 5 - SOUTH FACE



SIGN 6 - SOUTH FACE



SIGN 7 - WEST FACE



SIGN 8 - WEST FACE



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PROJECT:
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BID DOCUMENTS
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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	KRK	EHMH

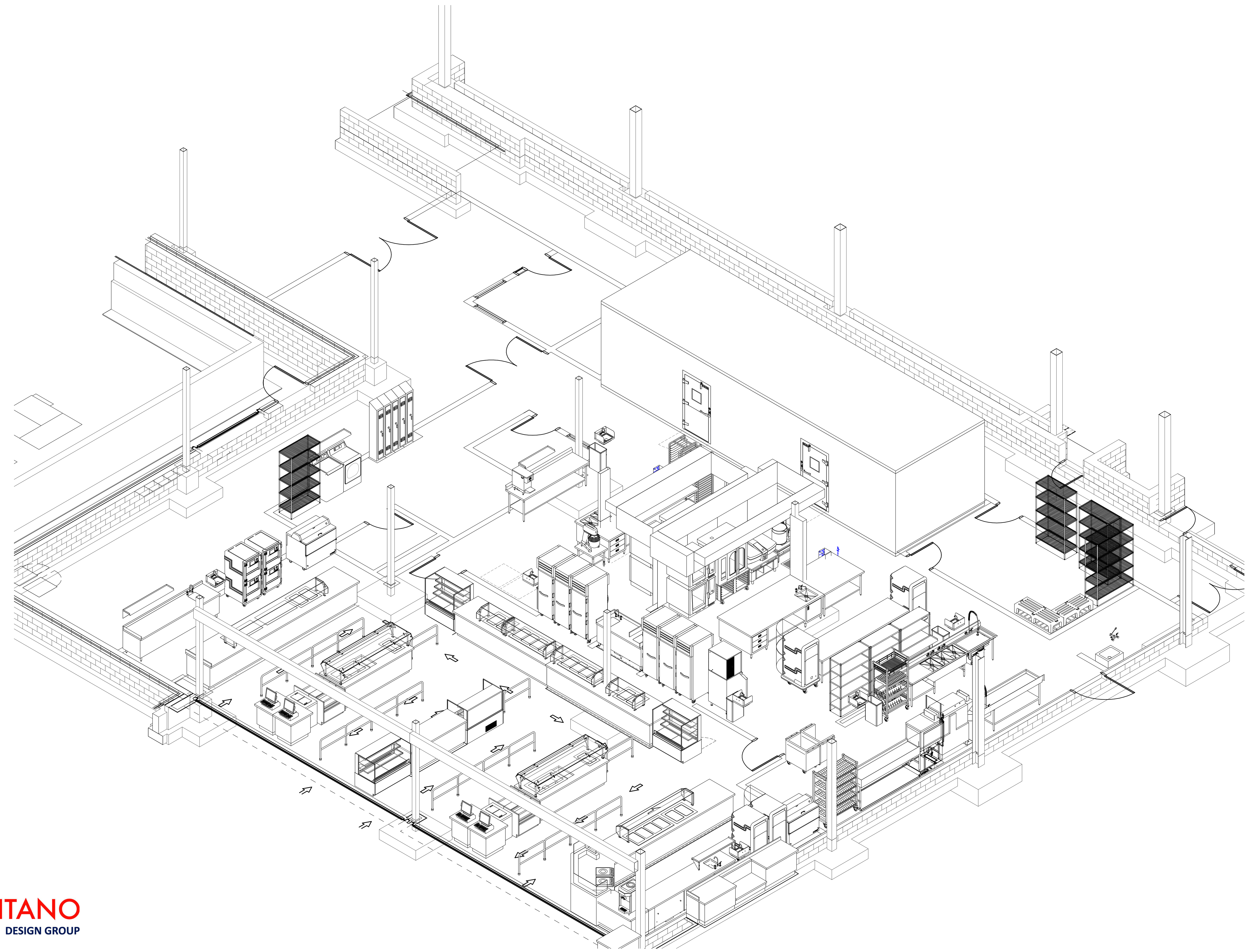
DRAWING TITLE:
POST AND PANEL DIRECTIONAL SIGNAGE

CERTIFIED BY:
BRENTON C. HITE
REGISTERED
No. AR11700184
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A923

PROJECT NUMBER
2023061

Westfield MS



REITANO DESIGN GROUP

GENERAL DRAWING SET NOTES

1. THESE DRAWINGS HAVE BEEN PRODUCED USING A GENERAL ARRANGEMENT OF EQUIPMENT FROM ONLY THE INFORMATION THAT WAS MADE AVAILABLE. THESE DRAWINGS ARE INFORMATION BY NATURE FOR BIDDING PURPOSES ONLY AND ARE NOT TO BE USED IN ANY WAY FOR CONSTRUCTION. REITANO DESIGN GROUP ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF MEASUREMENTS TAKEN FROM THESE DRAWINGS. FABRICATORS, CONTRACTORS AND OTHER PARTIES UTILIZING THESE PLANS, IN CONNECTION WITH THIS JOB, ARE RESPONSIBLE FOR SECURING THEIR OWN MEASUREMENTS.
2. THE KITCHEN EQUIPMENT CONTRACTOR IS RESPONSIBLE TO REVIEW THE PLANS FOR ACCURACY AND VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO THE FABRICATION OF ANY EQUIPMENT. VERIFY ALL EQUIPMENT CLEARANCES THRU BUILDING DOORS, HALLWAYS OR ENTRY POINTS AS NOT ALL EQUIPMENT WILL FIT THRU STANDARD OPENINGS. THE KITCHEN EQUIPMENT CONTRACTOR IS TO NOTIFY REITANO DESIGN GROUP OF ANY ERRORS, OMISSIONS, AMBIGUITIES, DISCREPANCIES OR IRREGULARITIES PRIOR TO START OF CONSTRUCTION.
3. THESE DRAWINGS AND ACCOMPANYING SPECIFICATIONS MUST BE CONSIDERED A COMPLETE BODY OF WORK. ALL WORK IS TO BE COMPLETED IN A CRAFTSMAN LIKE MANNER AND CONFORM TO ALL APPLICABLE BUILDING AND SAFETY CODES. ANY WORK CALLED FOR IN THE DRAWINGS OR SPECIFICATIONS, INCLUDING ANY WORK THAT CAN REASONABLY BE CONSIDERED APART OF INSTALLATION AND NECESSARY TO COMPLETE THE PROJECT, SHALL BE INCLUDED.
4. ANY DISCREPANCIES BETWEEN THESE DRAWINGS, BUILDING AND LOCAL CODE REQUIREMENTS THAT MAY AFFECT INSTALLATION, FABRICATION AND/OR OVERALL WORK IN ANY WAY SHALL BE BROUGHT TO THE ATTENTION OF REITANO DESIGN GROUP. REITANO DESIGN GROUP ASSUMES NO RESPONSIBILITY FOR ANY CHANGES MADE NECESSARY BY THE LOCAL BUILDING CODES, ORDINANCES, STRUCTURAL CONDITIONS OR CHANGES MADE NECESSARY IN EQUIPMENT SHOWN ON THESE DRAWINGS.
5. THESE DRAWINGS REFER TO WORK TO BE PERFORMED BY OTHER TRADES NOT INTENDED TO BE PART OF THE KITCHEN EQUIPMENT CONTRACTOR'S SCOPE OF WORK. THESE TRADES ARE REFERENCED USING THE GENERALLY ACCEPTED TITLES FOUND IN THE ABBREVIATION LEGEND. IT IS NOT THE INTENT OF THESE TITLES TO ASSIGN WORK, BUT RATHER TO CLARIFY COORDINATION BETWEEN THE KITCHEN EQUIPMENT CONTRACTOR AND OTHER TRADES. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL NOTES ON THESE DRAWINGS AND TRANSMITTING THE REQUIRED INFORMATION TO THE RESPECTIVE SUBCONTRACTORS.
6. THE BASIS OF DESIGN FOR ALL DRAWINGS, SPECIFICATIONS, AND DETAIL REFERENCES IS THE FIRST MANUFACTURER AND MODEL LISTED. IF ANOTHER LISTED MANUFACTURER IS CHOSEN BY THE KITCHEN EQUIPMENT CONTRACTOR, IT IS THE RESPONSIBILITY OF THE KITCHEN EQUIPMENT CONTRACTOR TO PROVIDE A MODEL THAT IS EQUAL IN PRODUCTION CAPABILITIES, CAPACITY, AND PERFORMANCE TO THE FIRST MANUFACTURER AND MODEL LISTED. THE KITCHEN EQUIPMENT CONTRACTOR IS ALSO TO VERIFY, COORDINATE, AND ALLOW FOR PROPER INSTALLATION OF EQUIPMENT; TAKING INTO ACCOUNT POSSIBLE REVISIONS FOR UTILITY CONNECTIONS, LOADS, AND PHYSICAL SIZES. IN THE EVENT THERE ARE ANY UP CHARGES OR CHANGE ORDERS BY OTHER TRADES AS A RESULT OF THE KITCHEN EQUIPMENT CONTRACTOR SUBMITTING ANOTHER LISTED MANUFACTURER, THOSE CHARGES SHALL BE THE SOLE RESPONSIBILITY OF THE KITCHEN EQUIPMENT CONTRACTOR.
7. THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THESE DRAWINGS ARE THE PROPERTY OF REITANO DESIGN GROUP, AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF REITANO DESIGN GROUP. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

GENERAL ENVIRONMENTAL NOTES

1. GENERAL CONTRACTOR TO PROVIDE SMOOTH AND LEVEL FLOORS BELOW ALL KITCHEN EQUIPMENT UNLESS THESE DRAWINGS SHOW OTHERWISE. FLOORS SHALL BE IMPERVIOUS TO WATER, GREASE, AND ACID AND OF EASILY CLEANABLE CONSTRUCTION. FLOORS IN ALL AREAS WHERE FOOD IS PREPARED, PACKAGED OR STORED OR WHERE REFUSE OR GARBAGE IS STORED, JANITORIAL FACILITIES AND IN ALL TOILET AND HAND WASHING AREAS, SHALL BE AN APPROVED TYPE THAT CONTINUES UP THE WALL 6" WITH A MINIMUM 3/8" RADIUS COVE BASE.
2. GENERAL CONTRACTOR TO PROVIDE SMOOTH AND NON-ABSORBENT WALLS IN ALL FOOD PREPARATION AND DISHWASHING AREAS. WALLS TO BE PROVIDED WITH A LIGHT COLORED, EASILY CLEANABLE FINISH. ALL PAINTED SURFACES SHALL BE SEALED WITH A GLOSS OR SEMI-GLOSS ENAMEL. ALL WALLS WITHIN A.G.A. CLEARANCE REQUIREMENTS FOR COOKING EQUIPMENT SHALL BE CONSTRUCTED OF HEAT PROOF, NON-COMBUSTIBLE MATERIALS. GENERAL CONTRACTOR TO VERIFY CONSTRUCTION PER LOCAL CODES.
3. GENERAL CONTRACTOR TO PROVIDE SMOOTH AND NON-ABSORBENT CEILINGS IN ALL FOOD PREPARATION AND DISHWASHING AREAS. CEILINGS TO BE PROVIDED WITH A LIGHT COLORED, EASILY CLEANABLE FINISH. ALL PAINTED SURFACES SHALL BE SEALED WITH A GLOSS OR SEMI-GLOSS FINISH.
4. IN EVERY ROOM AND AREA WHICH FOOD IS PREPARED, MANUFACTURED, PROCESSED OR PACKAGED, OR IN WHICH UTENSILS ARE CLEANED, LIGHTING SHALL BE PROVIDED TO PRODUCE INTENSITY OF NOT LESS THAN 70 FOOTCANDLES AS MEASURED THIRTY INCHES (30") ABOVE THE FLOOR. FOOD AND UTENSIL STORAGE ROOMS, REFRIGERATION STORAGE, TOILET AND DRESSING ROOMS SHALL BE PROVIDED WITH AT LEAST 50 FOOTCANDLES OF LIGHT. LIGHT FIXTURES IN AREAS WHERE FOOD IS PREPARED, OR WHERE OPEN FOOD IS STORED, OR WHERE UTENSILS ARE CLEANED, SHALL BE OF SHATTERPROOF CONSTRUCTION OR SHALL BE PROTECTED WITH SHATTERPROOF SHIELDS AND SHALL BE READILY CLEANABLE.
5. ALL DELIVERY DOORS LEADING TO THE OUTSIDE SHALL OPEN OUTWARD, BE SELF CLOSING, AND SHALL BE PROVIDED WITH AN OVERHEAD AIR CURTAIN. AIR CURTAIN SHALL PRODUCE A DOWNWARD AND OUTWARD AIRFLOW NOT LESS THAN 3" THICK AT THE NOZZLE WITH AN AIR VELOCITY OF NOT LESS THAN 1600 FPM ACROSS ENTIRE OPENING.
6. TOILET FACILITIES SHALL BE PROVIDED WITHIN EACH FOOD ESTABLISHMENT CONVENIENT FOR THE EMPLOYEES. ALL TOILET ROOMS SHALL BE PROVIDED WITH MECHANICAL VENTILATION APPROVED BY THE HEALTH DEPARTMENT. A ROOM ON ENCLOSURE AT LEAST 5' X 5', SEPARATED FROM TOILETS, FOOD STORAGE OR FOOD PREP AREAS SHALL BE PROVIDED WHERE EMPLOYEES MAY CHANGE AND STORE THEIR CLOTHES AND PERSONAL BELONGINGS.
7. LAVATORY SINKS SHALL BE PROVIDED IN ALL FOOD PREPARATION AND DISHWASHING AREAS. SOAP AND SANITARY TOWELS SHALL BE PROVIDED IN SINGLE SERVICE, PERMANENTLY INSTALLED, DISPENSERS AT THE LAVATORY SINKS.
8. GENERAL CONTRACTOR TO BE RESPONSIBLE FOR ADA CLEARANCE REQUIREMENTS FOR ALL SPACES, DOOR STRIKES, EXITS, AND AISLE WAYS AS THEY PERTAIN TO CODE ENFORCEMENT AND INTERPRETATION.
9. ALL WORK SHALL CONFORM TO LOCAL BUILDING, SAFETY, FIRE, AND HEALTH REGULATIONS. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY LICENSES AND BUILDING REQUIREMENTS, PAYING FEES, AND PASSING INSPECTION. IT IS HIS RESPONSIBILITY TO VERIFY ALL NECESSARY CODES AND REQUIREMENTS PRIOR TO IMPLEMENTATION.
10. ALL PUBLIC USE AREAS ARE TO BE PROVIDED WITH HEATED AND REFRIGERATED CONDITIONING DESIGNED TO PROVIDE A POSITIVE PRESSURE AT OUTSIDE DOORS. (PROVIDED AND INSTALLED BY HVAC CONTRACTOR.)
11. INTENDED ENVIRONMENT FOR REFRIGERATED GLASS FRONT & OPEN FRONT DISPLAY CASES TO BE 75°F/55% RELATIVE HUMIDITY.

GENERAL EQUIPMENT NOTES

1. EQUIPMENT WHICH IS FIXED AND WHERE IT ABUTTS OTHER FIXED EQUIPMENT, BUILDING WALLS OR FLOOR SHALL BE SEALED THERETO WITH SILICONE. GAPS BETWEEN EQUIPMENT EXCEEDING 1/4" IN WIDTH MUST BE TRIMMED OUT WITH STAINLESS STEEL OR MATCHING TRIM PRIOR TO BEING SEALED.
2. HOT WATER SUPPLY TO ALL FOOD PREPARATION AND THREE COMPARTMENT SINKS SHALL BE 120 DEGREES MAXIMUM. HOT WATER SUPPLY TO ALL DISHMACHINES SHALL BE 120 DEGREES MINIMUM.
3. ALL COUNTERS ARE TO BE FABRICATED PROPERLY TO SUPPORT THE SPECIFIED COUNTERTOP MATERIAL IN ACCORDANCE WITH THE MATERIAL MANUFACTURER'S GUIDELINES. ALL "DROP-IN" EQUIPMENT AND OTHER EQUIPMENT "ATTACHED TO", "SET ON" OR "BUILT-IN" TO THE COUNTER TOP MATERIAL TO BE INSTALLED IN ACCORDANCE WITH THE MATERIAL MANUFACTURER'S GUIDELINES AND TECHNICAL BULLETINS FOR THE INSTALLATION OF COMMERCIAL FOOD SERVICE EQUIPMENT.
4. ALL FOOD SERVICE EQUIPMENT SHALL BE MANUFACTURED , FABRICATED, FURNISHED & INSTALLED IN STRICT ACCORDANCE WITH, AND BEAR THE EMBLEM OF, THE NATIONAL SANITATION FOUNDATION (NSF) AS WELL AS ANY FEDERAL, STATE & LOCAL CODE REQUIREMENTS.
5. ALL REFRIGERATION EQUIPMENT SHALL HAVE A THERMOMETER WHICH IS EASILY READABLE IN PROPER WORKING CONDITION.

FOODSERVICE SHEET INDEX

SHEET	DRAWING NAME
K100	FOODSERVICE GENERAL NOTES & SHEET INDEX
K101	FOODSERVICE LAYOUT OVERALL
K102	FOODSERVICE LAYOUT
K103	FOODSERVICE SPECIAL CONDITIONS LAYOUT
K104	ROOF TOP LAYOUT
K200	FOODSERVICE EQUIPMENT SCHEDULE
K201	FOODSERVICE EQUIPMENT SCHEDULE
K300	FOODSERVICE PLUMBING LAYOUT
K301	FOODSERVICE ELECTRICAL LAYOUT
K400	WALK-IN COOLER / FREEZER DETAILS
K401	WALK-IN COOLER / FREEZER DETAILS
K500	EXHAUST HOOD SYSTEM DETAILS
K501	EXHAUST HOOD SYSTEM DETAILS
K600	FOODSERVICE DETAILS, ELEVATIONS & SECTIONS
K601	FOODSERVICE DETAILS, ELEVATIONS & SECTIONS
K602	FOODSERVICE DETAILS, ELEVATIONS & SECTIONS
K603	FOODSERVICE DETAILS, ELEVATIONS & SECTIONS
K604	FOODSERVICE DETAILS, ELEVATIONS & SECTIONS
K605	FOODSERVICE DETAILS, ELEVATIONS & SECTIONS

GENERAL SYMBOL LEGEND

1	EQUIPMENT ITEM NUMBER
K101	ENLARGED PLAN CALL OUT
A / K600	EQUIPMENT ELEVATION CALL OUT
1 / K600	EQUIPMENT DETAIL CALL OUT
1 / K600	EQUIPMENT SECTION CALL OUT
1	SPOT LOCATION CALL OUT

ABBREVIATION LEGEND

AFF	ABOVE FINISHED FLOOR	MC	MECHANICAL CONTRACTOR
AGA	AMERICAN GAS ASSOCIATION	MD	MECHANICAL DIVISION
A	AMPERAGE	MECH	MECHANICAL
ARCH	ARCHITECTURAL	MFG	MANUFACTURER
BLDG	BUILDING	MIN	MINIMUM
BTU	BRITISH THERMAL UNIT	MISC	MISCELLANEOUS
CLG	CEILING	NIKEC	NOT IN KITCHEN EQUIPMENT CONTRACT
CMU	CONCRETE MASONRY UNIT	NTS	NOT TO SCALE
CONN	CONNECTION	OC	ON CENTER
CONST	CONSTRUCTION	OD	OUTSIDE DIAMETER
CW	COLD WATER	P	PLUG
D	DIRECT	PC	PLUMBING CONTRACTOR
DCO	DUPLEX CONVENIENCE OUTLET	PD	PLUMBING DIVISION
DFA	DROP FROM ABOVE	PH	PHASE
DIM	DIMENSION	PSI	POUNDS PER SQUARE INCH
DWG	DRAWING	R	RADIUS
EC	ELECTRICAL CONTRACTOR	ST STL	STAINLESS STEEL
ED	ELECTRICAL DIVISION	SHT	SHEET
ELEC	ELECTRIC, ELECTRICAL	S/S	STAINLESS STEEL
EXIST	EXISTING	STD	STANDARD
FD	FLOOR DRAIN	SU	STUB UP FROM FLOOR
FS	FLOOR SINK	TYP	TYPICAL
GA	GAUGE	V	VOLTAGE
GALV	GALVANIZED		
GC	GENERAL CONTRACTOR		
GD	GENERAL DIVISION		
GPH	GALLONS PER HOUR		
HP	HORSEPOWER		
HVAC	HEATING, VENTILATION & AIR CONDITIONING		
HW	HOT WATER		
ID	INSIDE DIAMETER		
KEC	KITCHEN EQUIPMENT CONTRACTOR		
KW	KILOWATT		
MAX	MAXIMUM		
MBTU	1,000 BTU'S		

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENNTENIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

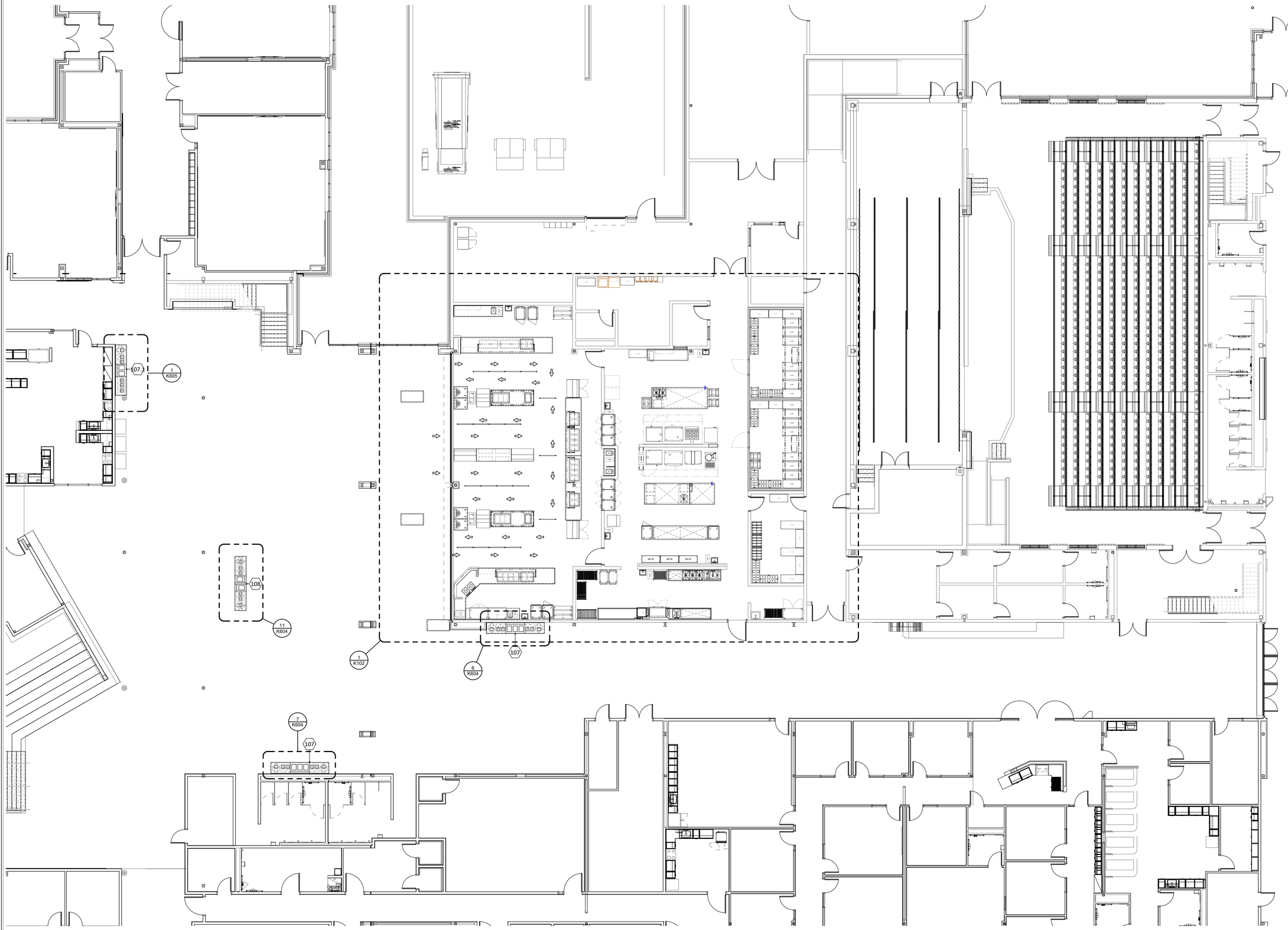
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MW	LC

DRAWING TITLE:
FOODSERVICE GENERAL NOTES & SHEET INDEX

CERTIFIED BY:
FOODSERVICE CONSULTANTS SOCIETY INTERNATIONAL — SCOTT REITANO — FCSI — 9508151 — PROFESSIONAL MEMBER

DRAWING NUMBER
K100

PROJECT NUMBER
2023061



1 FOODSERVICE LAYOUT OVERALL
1/8" = 1'-0"

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REVISIONS:

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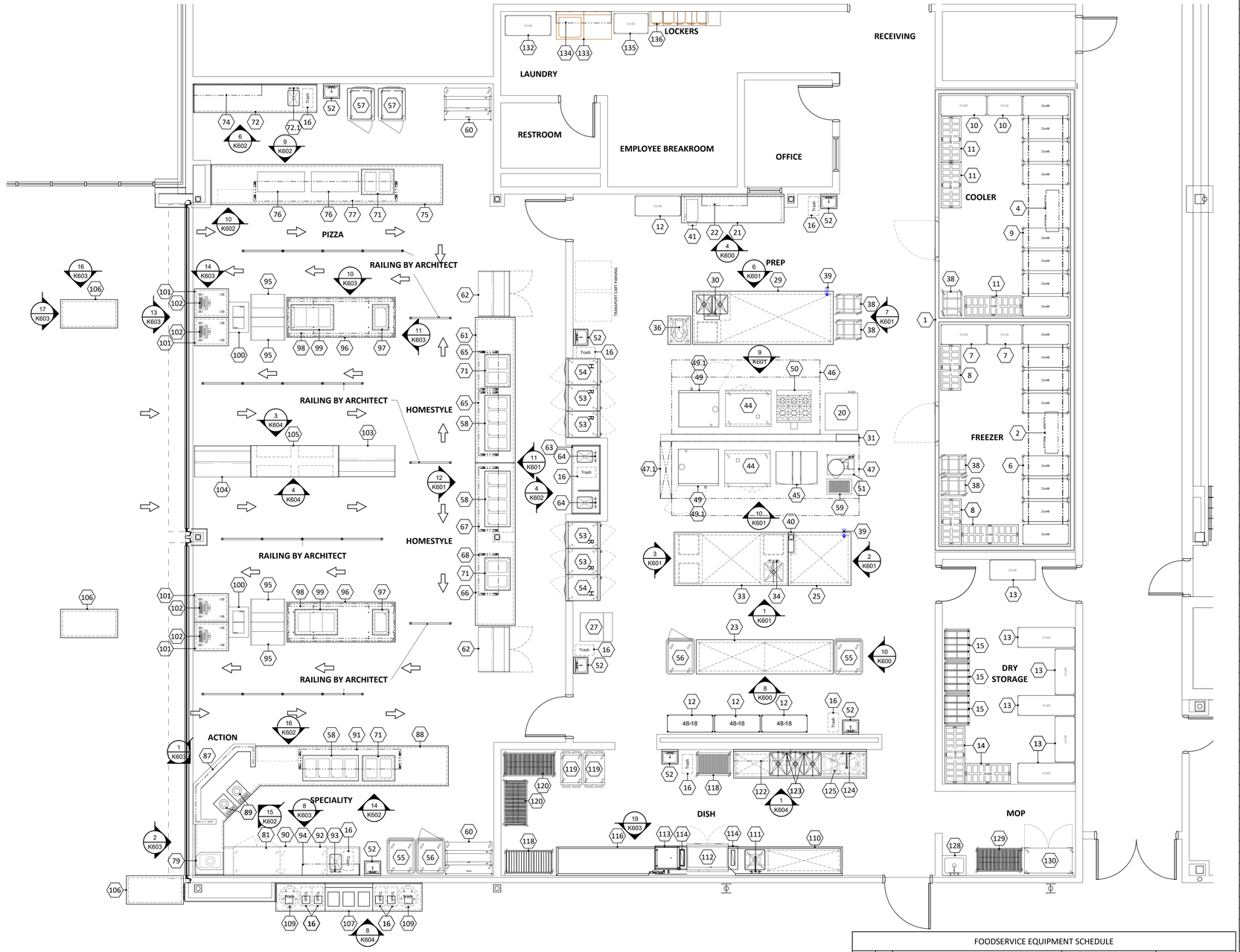
DRAWING TITLE:
FOODSERVICE LAYOUT OVERALL

CERTIFIED BY:
FOODSERVICE CONSULTANTS SOCIETY INTERNATIONAL
SCOTT RITTANO
FCSI
95068151
PROFESSIONAL MEMBER

DRAWING NUMBER
K101

PROJECT NUMBER
2023061



1 FOODSERVICE LAYOUT
1/4" = 1'-0"

FOODSERVICE EQUIPMENT SCHEDULE

ITEM #	QTY	DESCRIPTION	MANUFACTURER	MODEL
1	1	WALK-IN COOLER/FREEZER	FABRICATED	CUSTOM
2	1	FREEZER BLOWER COIL	PART OF ITEM #1	
3	1	FREEZER CONDENSING UNIT	PART OF ITEM #1	
4	1	COOLER BLOWER COIL	PART OF ITEM #1	
5	1	COOLER CONDENSING UNIT	PART OF ITEM #1	
6	1	HI-DENSITY TRACK FREEZER SHELVING SYSTEM	CAMBRO	ELEMENTS XTRA
7	2	FREEZER SHELVING UNIT	CAMBRO	ELEMENTS XTRA
8	3	DUNNAGE RACK	CAMBRO	S SERIES
9	1	HI-DENSITY TRACK COOLER SHELVING SYSTEM	CAMBRO	ELEMENTS XTRA
10	2	COOLER SHELVING UNIT	CAMBRO	ELEMENTS XTRA
11	3	DUNNAGE RACK	CAMBRO	S SERIES
12	4	MOBILE KITCHEN SHELVING UNIT	CAMBRO	ELEMENTS XTRA
13	6	DRY STORAGE SHELVING UNIT	CAMBRO	ELEMENTS XTRA
14	2	DUNNAGE RACK	CAMBRO	S SERIES
15	3	CAN RACK	CAMBRO	EXA243672C96480
16	25	TRASH CAN	BY OWNER	NOT IN KEC CONTRACT
17	1	SPARE NUMBER		
18	1	SPARE NUMBER		
19	1	SPARE NUMBER		
20	1	BLAST CHILLER	IRINOX	EASYFRESH NEXT LL
21	1	WORKTABLE	FABRICATED	CUSTOM
22	1	WALL SHELF	FABRICATED	CUSTOM
23	1	ISLAND WORKTABLE	FABRICATED	CUSTOM
24	1	SPARE NUMBER		
25	1	ISLAND WORKTABLE	FABRICATED	CUSTOM
26	1	SPARE NUMBER		
27	1	ICE MAKER	MANITOWOC	IYT0420A
28	1	SPARE NUMBER		
29	1	ISLAND WORKTABLE W/2 COMP PREP SINK	FABRICATED	CUSTOM

FOODSERVICE EQUIPMENT SCHEDULE

ITEM #	QTY	DESCRIPTION	MANUFACTURER	MODEL
30	1	SPLASH MOUNT FAUCET	T&S BRASS	B-0231-U12-CR
31	1	STAINLESS STEEL WALL CAP & UTILITY CHASE	FABRICATED	CUSTOM
32	1	SPARE NUMBER		
33	1	ISLAND WORKTABLE W/PREP SINK	FABRICATED	CUSTOM
34	1	DECK MOUNT FAUCET	T&S BRASS	B-0201-U12-CR
35	1	SPARE NUMBER		
36	1	20 QT. MIXER W/ STAND	HOBART	HL200-1STD
37	1	SPARE NUMBER		
38	5	BUN PAN RACK	CAMBRO	UPR1826FA40580
39	2	CAN OPENER	EDLUND	S-11
40	1	STAINLESS STEEL UTILITY CHASE & COLUMN WRAP	FABRICATED	CUSTOM
41	1	HOT WATER DISPENSER	HATCO	AWD-12
42	1	SPARE NUMBER		
43	1	SPARE NUMBER		
44	2	ROTATING RACK BAKERY OVEN	BAXTER	OV310E
45	1	MULTIFUNCTIONAL COOKING APPLIANCE	RATIONAL	IVARIO PRO 2-S
46	1	EXHAUST HOOD	MASTER AIR	CUSTOM
46.2	1	EXHAUST FAN	PART OF ITEM #46 & 47	
46.3	1	MAKE-UP AIR UNIT	PART OF ITEM #46 & 47	
47	1	EXHAUST HOOD	MASTER AIR	CUSTOM
47.1	1	FIRE SUPPRESSION SYSTEM	PART OF ITEM #46 & 47	
48	1	SPARE NUMBER		
49	2	COMBI OVEN	RATIONAL	ICP 10-FULL
49.1	2	STACKED COMBI OVEN	RATIONAL	ICP 6-FULL
50	1	6 BURNER RANGE	VULCAN	36C-6BN
51	1	12-GALLON TILT KETTLE	CLEVELAND	KET12T
52	7	WALL MOUNT HAND SINK	JOHN BOOS	PBHS-W-1410-SSLR
53	4	SINGLE DOOR PASS-THRU REFRIGERATOR	TRUE	STA1RPT-1G-1S-HC
54	2	SINGLE DOOR PASS-THRU HEATED CABINET	TRUE	STA1HPT-1G-1S
55	2	HOT HOLDING CABINET	CAMBRO	PCU2000HH615
56	2	COLD HOLDING CABINET	CAMBRO	PCU2000CC615
57	2	PRO CART ULTRA	CAMBRO	PCUHH615
58	3	DROP-IN HOT WELL UNIT	LTI	TW-DW-4
59	1	FLOOR TROUGH	JOHN BOOS	FTSG-1824
60	2	MILK COOLER	TRUE	TMC-49-S-HC
61	1	SERVING COUNTER	FABRICATED	CUSTOM
62	2	AIR CURTAIN MERCHANDISER	STRUCTURAL CONCEPTS	NR4855RSSV
63	1	BACK COUNTER	FABRICATED	CUSTOM
64	2	DECK MOUNT FAUCET	T&S BRASS	B-0321-CR
65	2	ADJUSTABLE BREATH GUARD W/ HEAT & LIGHTS	PREMIER	TM2N-A
66	1	SERVING COUNTER	FABRICATED	CUSTOM
67	1	ADJUSTABLE BREATH GUARD W/ HEAT & LIGHTS	PREMIER	TM2N-A
68	1	ADJUSTABLE BREATH GUARD W/ HEAT & LIGHTS	PREMIER	TM2N-A
69	1	SPARE NUMBER		
70	1	SPARE NUMBER		
71	4	DROP-IN HOT/COLD WELL UNIT	LTI	DI-QSCHP-2
72	1	WORK COUNTER W/ SINK	FABRICATED	CUSTOM
72.1	1	DECK MOUNT FAUCET	T&S BRASS	B-0321-CR
73	1	SPARE NUMBER		
74	1	WALL SHELF	FABRICATED	CUSTOM
75	1	PIZZA SERVING COUNTER	FABRICATED	CUSTOM
76	2	DROP-IN HEATED SHELF	HATCO	GRSBF-48-I
77	1	ADJUSTABLE BREATH GUARD W/ HEAT & LIGHTS	PREMIER	TM2N-A
78	1	SPARE NUMBER		
79	1	SOFT SERVE MACHINE	ELECTRO FREEZE	CS600
80	1	SPARE NUMBER		
81	1	UNDERCOUNTER FREEZER	TRUE	TUC-48F-HC
82	1	SPARE NUMBER		
83	1	SPARE NUMBER		
84	1	SPARE NUMBER		
85	1	SPARE NUMBER		
86	1	SPARE NUMBER		
87	1	VERTICAL BREATH GUARD	PREMIER	CUSTOM
88	1	SERVING COUNTER WITH ACTION STATION	FABRICATED	CUSTOM
89	2	INDUCTION BURNER	EQUIPEX	BRIC3600
90	1	UNDERCOUNTER REFRIGERATOR	TRUE	TUC-48D-2-ADA-HC
91	1	ADJUSTABLE BREATH GUARD W/ HEAT & LIGHTS	PREMIER	TM2N-A
92	1	BACK COUNTER W/ SINK	FABRICATED	CUSTOM
93	1	DECK MOUNT FAUCET	T&S BRASS	B-0321-CR
94	1	WALL SHELF	FABRICATED	CUSTOM
95	4	REFRIGERATED MERCHANDISER	STRUCTURAL CONCEPTS	CO3324R-FS
96	2	FRESH FOOD SERVING COUNTER	FABRICATED	CUSTOM
97	2	DROP-IN HOT/COLD WELL UNIT	LTI	DI-QSCHP-1
98	2	SELF-SERVE DOUBLE-SIDED BREATH GUARD	PREMIER	TMIR
99	2	DROP-IN COLD WELL UNIT	LTI	DI-2037TA
100	2	ICE CREAM NOVELTY FREEZER	BY VENDOR	NIKEC
101	4	MOBILE DOUBLE SIDED CASHIER COUNTER	FABRICATED	CUSTOM
102	4	POINT OF SALE SYSTEM	PROVIDED BY OWNER	NOT IN KEC CONTRACT
103	1	AIR CURTAIN MERCHANDISER	STRUCTURAL CONCEPTS	NR6047RSSV
104	1	AIR CURTAIN MERCHANDISER	STRUCTURAL CONCEPTS	NR6047RSSV
105	1	TRAY MILLWORK	FABRICATED	CUSTOM
106	3	MOBILE CONDIMENT COUNTER	FABRICATED	CUSTOM
107	2	TRAY SORTING MILLWORK	FABRICATED	CUSTOM
107.1	1	TRAY SORTING MILLWORK	FABRICATED	CUSTOM
108	1	ISLAND TRAY SORTING MILLWORK	FABRICATED	CUSTOM
109	7	TRASH CAN	BY OWNER	NOT IN KEC CONTRACT
110	1	SOILED DISH TABLE	FABRICATED	CUSTOM
111	1	SPLASH MOUNTED PRE-RINSE FAUCET	T&S BRASS	B-0133-CR-B-SWV
112	1	DISH MACHINE	HOBART	CL44EN-BAS+BUILDUP
113	1	BLOWER DRYER	HOBART	BDELRCD-STDDOM
114	2	VENT RISER	MASTER AIR	
115	1	CONDENSATE FAN	PART OF ITEM #112	
116	1	CLEAN DISH TABLE	FABRICATED	CUSTOM
117	1	SPARE NUMBER		
118	2	DRYING RACK	CAMBRO	CPMU243675D2PKG
119	2	MOBILE TRAY AND DISH CART	CAMBRO	TDC2029615
120	2	MOBILE SHELVING UNIT	CAMBRO	ELEMENTS XTRA
121	1	THREE COMPARTMENT SINK	FABRICATED	CUSTOM
122	1	WALL SHELF	FABRICATED	CUSTOM
123	2	SPLASH MOUNT FAUCET	T&S BRASS	B-0290
124	1	SPLASH MOUNTED PRE-RINSE FAUCET	T&S BRASS	B-0133-CR-B-SWV
125	1	SCRAPPER	SALVAJOR	P914
126	1	SPARE NUMBER		
127	1	SPARE NUMBER		
128	1	JANITORIAL MOP SINK	ADVANCE TABCO	9-OP-20
129	1	MOP CLOSET SHELVING UNIT	CAMBRO	EXMU244878V4480
130	1	SECURITY UNIT	INTERMETRO	SEC35K3
131	1	SPARE NUMBER		
132	1	SHELVING UNIT	CAMBRO	ELEMENTS XTRA
133	1	WASHER & DRYER	BY OWNER	NOT IN KEC CONTRACT
134	1	WALL SHELF	FABRICATED	CUSTOM
135	1	KITCHEN SHELVING UNIT	CAMBRO	ELEMENTS XTRA
136	5	EMPLOYEE LOCKER (1/2 SIZE)	BY ARCHITECT	NOT IN KEC CONTRACT

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WESTFIELD MIDDLE SCHOOL WEST
17707 CENNTENIAL RD, WESTFIELD, IN 46074

BID DOCUMENTS

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REVISIONS:

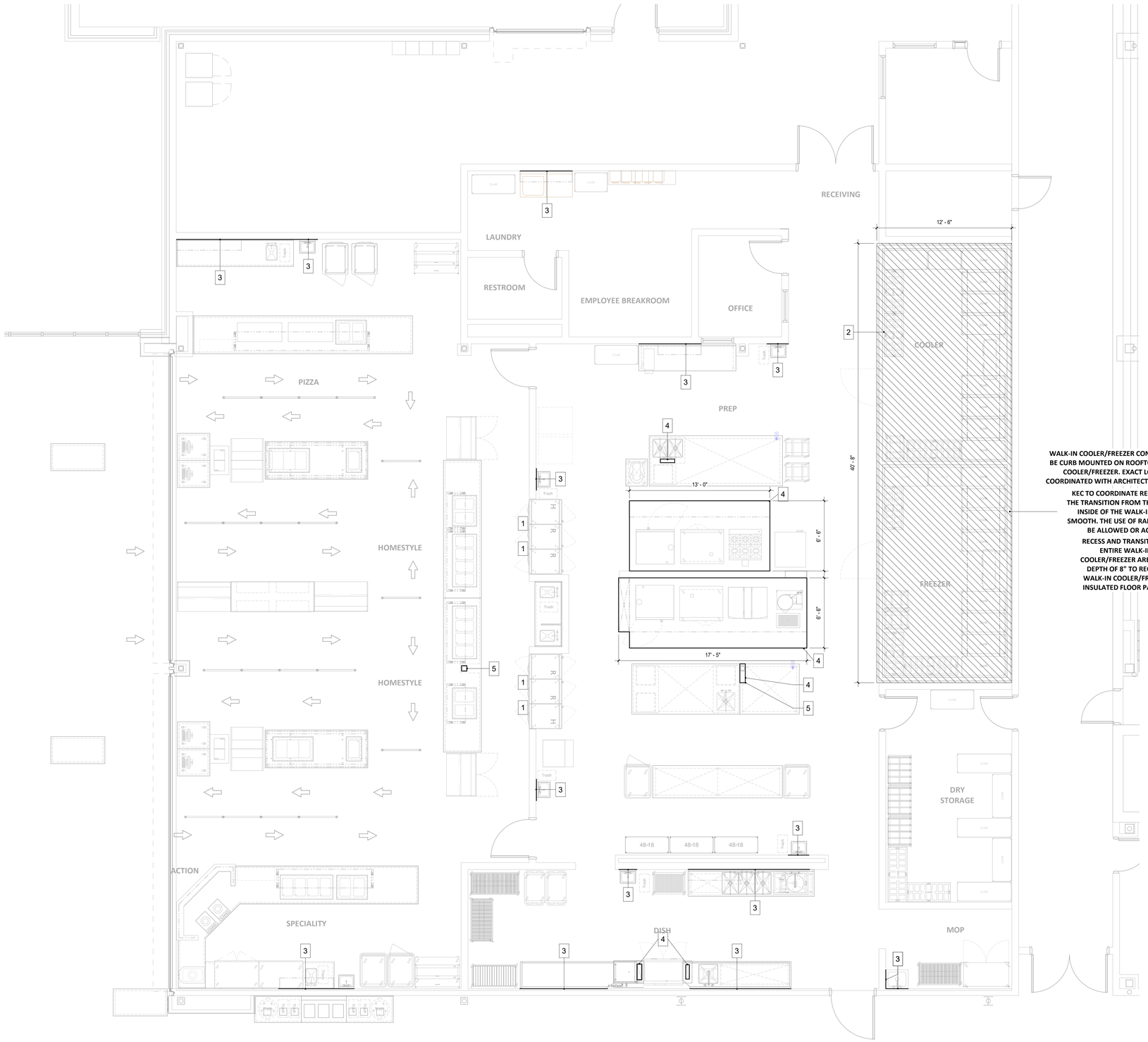
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MW	LC

DRAWING TITLE:
FOODSERVICE LAYOUT

CERTIFIED BY:
FOODSERVICE CONSULTANTS SOCIETY INTERNATIONAL
SCOTT RETANO
9508131
FCSI PROFESSIONAL MEMBER

DRAWING NUMBER
K102

PROJECT NUMBER
2023061



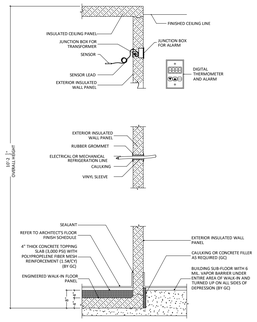
FOODSERVICE SPECIAL CONDITIONS LAYOUT
1/4" = 1'-0"

SPECIAL CONDITIONS LAYOUT NOTES

1. (BY KEC) PROVIDE 18 GAUGE STAINLESS STEEL TRIM ON THREE SIDES [LEFT, RIGHT & TOP] OF PASS-THRU UNITS ON BOTH THE KITCHEN SIDE AND SERVING SIDE TO FILL THE GAP BETWEEN THE WALL OPENING AND THE PASS-THRU UNITS CREATING A "BUILT-IN" FINISHED APPEARANCE. TRIM TO BE MITERED AT CORNERS, WELDED, GROUND FLUSH AND NEATLY FINISHED. SEAL ALL TRIM TO EQUIPMENT AND BUILDING WALLS WITH CLEAR SILICONE. REFER TO DETAIL ON SHEET K600 FOR MORE INFORMATION.
2. (BY GENERAL DIVISION) RECESS AND TRANSIT LEVEL ENTIRE WALK-IN COOLER/FREEZER AREA TO A DEPTH OF 8" TO RECEIVE WALK-IN COOLER/FREEZER INSULATED FLOOR PANELS. DEPRESSION TO BE CONSTRUCTED AS TO PROVIDE A LEVEL TRANSITION FROM FLOOR FINISH IN KITCHEN AREA TO THE FLOOR FINISH IN WALK-IN COOLER/FREEZER. (VERIFY REQUIRED DEPRESSION THICKNESS WITH WALK-IN MANUFACTURER'S SHOP DRAWING AND ARCHITECTURAL FLOOR FINISH SCHEDULE)
3. (BY GENERAL DIVISION) PROPERLY REINFORCE ALL WALLS AND/OR CEILINGS TO SUPPORT ALL WALL AND/OR CEILING SUPPORTED EQUIPMENT. ALL WALL BLOCKING TO BE MINIMUM 3/4" MARINE GRADE PLYWOOD. WALL BLOCKING LENGTHS SHOWN ARE MINIMUM AND WALL BLOCKING SHALL ALWAYS EXTEND TO NEXT STUD OVER IN EACH DIRECTION.
4. (BY GENERAL DIVISION) PROVIDE BOX OUT IN CEILING GRID LAYOUT FOR EXHAUST SYSTEM HOODS AS SHOWN. (REFER TO EXHAUST VENTILATION SYSTEM DRAWINGS FOR MORE INFORMATION)
5. (BY KEC) COUNTERTOP AND CABINET/TABLE BASE SHALL SURROUND COLUMN WITH NO GAP.
6. NOT IN USE.
7. NOT IN USE.

- 46.2 EXHAUST FAN
- 115 CONDENSATE FAN
- 3 FREEZER CONDENSING UNIT
- 5 COOLER CONDENSING UNIT
- 46.3 MAKE-UP AIR UNIT

WALK-IN WALL SECTION DETAIL



NOTES:
1. FLOOR FINISH THICKNESS TO BE VERIFIED TO CREATE A LEVEL TRANSITION BETWEEN KITCHEN AND WALK-IN.

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FCSI 95068151
SCOTT REITANO
PROFESSIONAL MEMBER

DRAWING NUMBER
K103

PROJECT NUMBER
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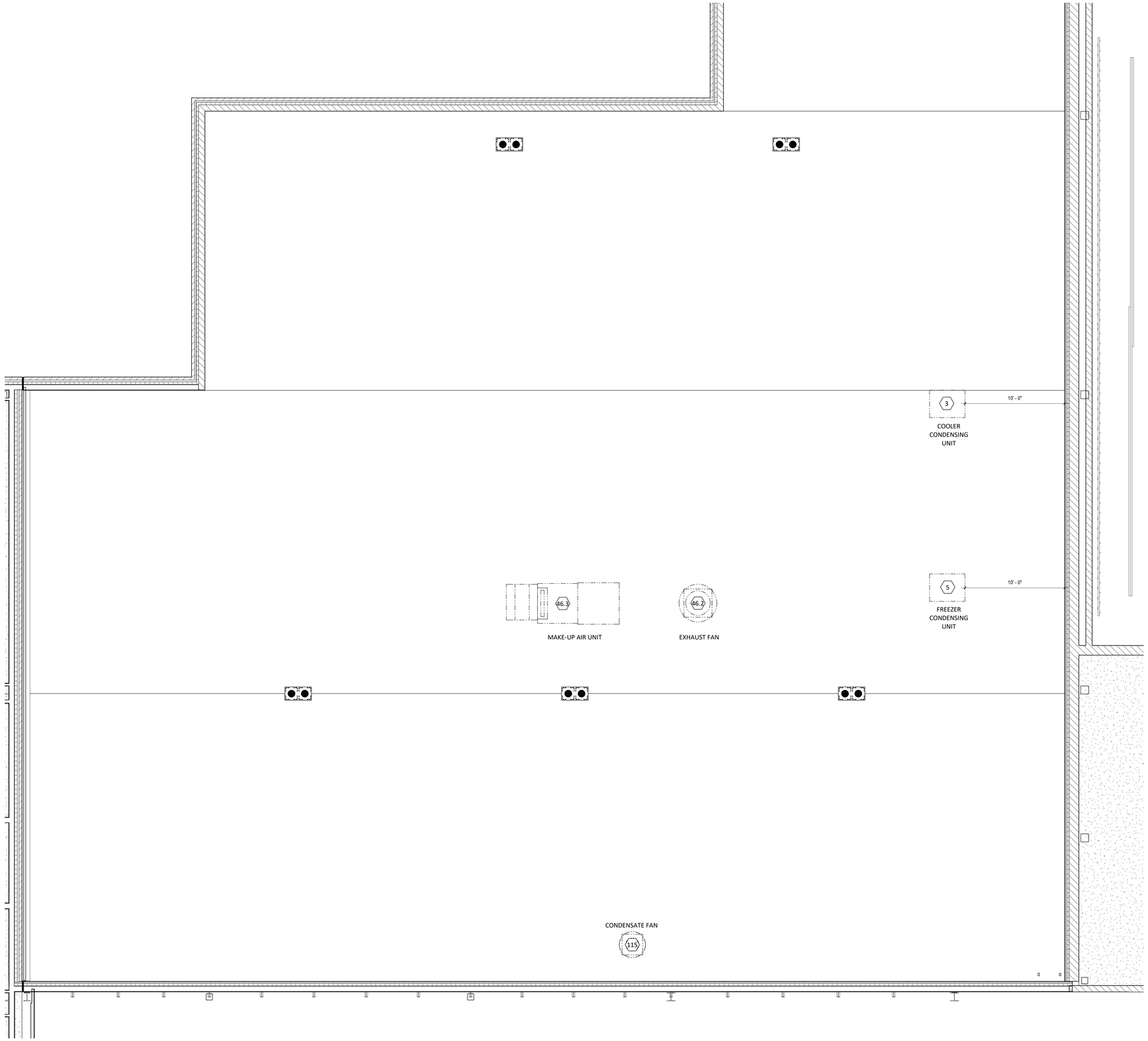

1 ROOF TOP LAYOUT
1/4" = 1'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST

BID DOCUMENTS

17707 CENNTENIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MW	LC

DRAWING TITLE:
ROOF TOP LAYOUT

CERTIFIED BY:
FCSI
PROFESSIONAL MEMBER

DRAWING NUMBER
K104

PROJECT NUMBER
2023061

EQUIPMENT					MECHANICAL									ELECTRICAL								
								GAS														
ITEM NUMBER	QUANTITY	DESCRIPTION	MANUFACTURER	MODEL	HOT WATER	COLD WATER	AFF	CONN. SIZE	MBTU	AFF	WASTE	AFF	REMARKS	ITEM NUMBER	VOLTAGE	PHASE	AMPS	KW	HP	CONN.	AFF	REMARKS
1	1	WALK-IN COOLER/FREEZER	FABRICATED	CUSTOM										1	120	1	16.0			D	DFA	WIRE THRU LIGHTS, SWITCH, DOOR AND DRAIN LINE HEATERS. SEE K400 SHEETS FOR ADDITIONAL INFORMATION.
2	1	FREEZER BLOWER COIL	PART OF ITEM #1								0.75	FD	DRAIN TO FLOOR DRAIN	2	120	1	2.4			D	DFA	SEE K400 SHEETS FOR ADDITIONAL INFORMATION
3	1	FREEZER CONDENSING UNIT	PART OF ITEM #1										APPROXIMATE WEIGHT: 170 LBS. SEE ARCH DRAWINGS FOR LOCATION.	3	208	3	7.7		*	D	SU	SEE K400 SHEETS FOR ADDITIONAL INFORMATION
4	1	COOLER BLOWER COIL	PART OF ITEM #1								0.75	FD	DRAIN TO FLOOR DRAIN	4	208	1	1.5			D	DFA	SEE K400 SHEETS FOR ADDITIONAL INFORMATION
5	1	COOLER CONDENSING UNIT	PART OF ITEM #1										APPROXIMATE WEIGHT: 170 LBS. SEE ARCH DRAWINGS FOR LOCATION.	5	208	3	14.9		*	D	SU	SEE K400 SHEETS FOR ADDITIONAL INFORMATION
6	1	HI-DENSITY TRACK FREEZER SHELVING SYSTEM	CAMBRO	ELEMENTS XTRA										6								
7	2	FREEZER SHELVING UNIT	CAMBRO	ELEMENTS XTRA										7								
8	3	DUNNAGE RACK	CAMBRO	S SERIES										8								
9	1	HI-DENSITY TRACK COOLER SHELVING SYSTEM	CAMBRO	ELEMENTS XTRA										9								
10	2	COOLER SHELVING UNIT	CAMBRO	ELEMENTS XTRA										10								
11	3	DUNNAGE RACK	CAMBRO	S SERIES										11								
12	4	MOBILE KITCHEN SHELVING UNIT	CAMBRO	ELEMENTS XTRA										12								
13	6	DRY STORAGE SHELVING UNIT	CAMBRO	ELEMENTS XTRA										13								
14	2	DUNNAGE RACK	CAMBRO	S SERIES										14								
15	3	CAN RACK	CAMBRO	EXA243672C96480										15								
16	25	TRASH CAN	BY OWNER	NOT IN KEC CONTRACT										16								
17	1	SPARE NUMBER												17								
18	1	SPARE NUMBER												18								
19	1	SPARE NUMBER												19								
20	1	BLAST CHILLER	IRINOX	EASYFRESH NEXT LL							0.75	FS	DRAIN TO FLOOR SINK	20	208	3	13.4			P	36	NEMA L14-20P
21	1	WORKTABLE	FABRICATED	CUSTOM							2.00	FS	DRAIN TO FLOOR SINK	21								
22	1	WALL SHELF	FABRICATED	CUSTOM										22								
23	1	ISLAND WORKTABLE	FABRICATED	CUSTOM										23	120	1	16.0			P	SU	FIXTURE MOUNTED DCO - 4 LOCATIONS
24	1	SPARE NUMBER												24								
25	1	ISLAND WORKTABLE	FABRICATED	CUSTOM										25	120	1	16.0			P	SU	FIXTURE MOUNTED DCO - 2 LOCATIONS
26	1	SPARE NUMBER												26								
27	1	ICE MAKER	MANITOWOC	IYT0420A		0.50	60				0.75	FD	DRAIN TO FLOOR DRAIN. EXTEND SERVICE TO EQUIPMENT THRU KEC FURNISHED WATER FILTER	27	120		11.3			D	66	
28	1	SPARE NUMBER												28								
29	1	ISLAND WORKTABLE W/2 COMP PREP SINK	FABRICATED	CUSTOM							2.00	FS	DRAIN TO FLOOR SINK	29	120	1	16.0			P	SU	FIXTURE MOUNTED DCO - 4 LOCATIONS
30	1	SPLASH MOUNT FAUCET	T&S BRASS	B-0231-U12-CR	0.50	0.50	DFA							30								
31	1	STAINLESS STEEL WALL CAP & UTILITY CHASE	FABRICATED	CUSTOM										31								
32	1	SPARE NUMBER												32								
33	1	ISLAND WORKTABLE W/PREP SINK	FABRICATED	CUSTOM							2.00	FS	DRAIN TO FLOOR SINK	33	120	1	16.0			P	SU	FIXTURE MOUNTED DCO - 2 LOCATIONS
34	1	DECK MOUNT FAUCET	T&S BRASS	B-0201-U12-CR	0.50	0.50	14							34								
35	1	SPARE NUMBER												35								
36	1	20 QT. MIXER W/ STAND	HOBART	HL200-1STD										36	120	1	15.0			P	36	
37	1	SPARE NUMBER												37								
38	5	BUN PAN RACK	CAMBRO	UPR1826FA40580										38								
39	2	CAN OPENER	EDLUND	S-11										39								
40	1	STAINLESS STEEL UTILITY CHASE & COLUMN WRAP	FABRICATED	CUSTOM										40								
41	1	HOT WATER DISPENSER	HATCO	AWD-12		0.50	DFA				0.75	FS	EXTEND SERVICE TO EQUIPMENT THRU KEC FURNISHED WATER FILTER	41	208	1	24.0			P	SU	NEMA 6-30P
42	1	SPARE NUMBER												42								
43	1	SPARE NUMBER												43								
44	2	ROTATING RACK BAKERY OVEN	BAXTER	OV310E		0.50	36				0.75	FS	DRAIN TO FLOOR SINK	44	480 120	3 1	22.0 15.0			D P	36 36	NEMA 5-15P
45	1	MULTIFUNCTIONAL COOKING APPLIANCE	RATIONAL	IVARIO PRO 2-S		0.75	21				0.75	FS	EXTEND SERVICE TO EQUIPMENT THRU KEC FURNISHED WATER FILTER	45	480	3	27.0			D	24	
46	1	EXHAUST HOOD	MASTER AIR	CUSTOM										46	120	1	16.0			D	DFA	FOR HOOD LIGHTS AND CONTROLS TO JUNCTION BOX ON TOP OF HOOD. SEE K500 SHEETS FOR ADDITIONAL INFO.
46.2	1	EXHAUST FAN	PART OF ITEM #46 & 47											46.2	480	3	3.32		5	D		SUPPLY AND EXHAUST FAN ON SINGLE CONNECTION - SEE ITEM 46.3
46.3	1	MAKE-UP AIR UNIT	PART OF ITEM #46 & 47					0.75	448.4				ROOF	46.3	480	3	17.1		5	D		ROOF
47	1	EXHAUST HOOD	MASTER AIR	CUSTOM										47	120	1	16.0			D	DFA	FOR HOOD LIGHTS AND CONTROLS TO JUNCTION BOX ON TOP OF HOOD. SEE K500 SHEETS FOR ADDITIONAL INFO.
47.1	1	FIRE SUPPRESSION SYSTEM	PART OF ITEM #46 & 47											47.1								
48	1	SPARE NUMBER												48								
49	2	COMBI OVEN	RATIONAL	ICP 10-FULL		0.75	36				2.00	FS	COMBI OVEN HAS TWO CW INLETS. DIVIDE CW USING MANIFOLD AND EXTEND ONE LINE THRU WATER FILTER.	49	480	3	60.0			D	36	
49.1	2	STACKED COMBI OVEN	RATIONAL	ICP 6-FULL		0.75	36				2.00	FS	COMBI OVEN HAS TWO CW INLETS. DIVIDE CW USING MANIFOLD AND EXTEND ONE LINE THRU WATER FILTER.	49.1	480	3	35.0			D	36	
50	1	6 BURNER RANGE	VULCAN	36C-6BN				0.75	215.0	36				50	120	1	4.00			P	36	NEMA 5-15P
51	1	12-GALLON TILT KETTLE	CLEVELAND	KET12T	0.50	0.50	36				2.00	FS	DRAIN TO FLOOR SINK	51	480	3	27.2			D	36	
52	7	WALL MOUNT HAND SINK	JOHN BOOS	PBHS-W-1410-SSLR	0.50	0.50	21				1.50	24		52	120	1	2.00			P	16	NEMA 5-15P
53	4	SINGLE DOOR PASS-THRU REFRIGERATOR	TRUE	STA1RPT-1G-1S-HC										53	120	1	3.80			P	86	NEMA 5-15P
54	2	SINGLE DOOR PASS-THRU HEATED CABINET	TRUE	STA1HPT-1G-1S										54	208	1	7.30			P	86	NEMA 6-15P
55	2	HOT HOLDING CABINET	CAMBRO	PCU2000HH615										55	120	1	4.43			P	24	NEMA 5-15P
56	2	COLD HOLDING CABINET	CAMBRO	PCU2000CC615										56	120	1	4.43			P	24	NEMA 5-15P
57	2	PRO CART ULTRA	CAMBRO	PCUHH615										57	120	1	4.43			P	24	NEMA 5-15P
58	3	DROP-IN HOT WELL UNIT	LTI	TW-DW-4							0.75	FS	DRAIN TO FLOOR SINK	58	208	1	10.8			D	SU	
59	1	FLOOR TROUGH	JOHN BOOS	FTSG-1824							4.00		"P" TRAP BELOW SLAB	59								
60	2	MILK COOLER	TRUE	TMC-49-S-HC										60	120	1	2.70			P	SU	NEMA 5-15P
61	1	SERVING COUNTER	FABRICATED	CUSTOM										61	120	1	16.0			P	SU	FIXTURE MOUNTED DCO
62	2	AIR CURTAIN MERCHANDISER	STRUCTURAL CONCEPTS	NR4855RSSV										62	208	1	11.11			P	SU	NEMA 6-15P
63	1	BACK COUNTER	FABRICATED	CUSTOM							2.00	FS	DIRECT DRAIN AT HAND SINK, AIR GAP AT DUMP SINK	63								
64	2	DECK MOUNT FAUCET	T&S BRASS	B-0321-CR	0.50	0.50	14							64								
65	2	ADJUSTABLE BREATH GUARD W/ HEAT & LIGHTS	PREMIER	TM2N-A										65	120	1	6.00			D	SU	LIGHTS
66	1	SERVING COUNTER	FABRICATED	CUSTOM										66	120	1	16.0			P	SU	FIXTURE MOUNTED DCO
67	1	ADJUSTABLE BREATH GUARD W/ HEAT & LIGHTS	PREMIER	TM2N-A										67	120	1	6.00			D	SU	LIGHTS
68	1	ADJUSTABLE BREATH GUARD W/ HEAT & LIGHTS	PREMIER	TM2N-A										68	120	1	6.00			D	SU	LIGHTS
69	1	SPARE NUMBER												69								
70	1	SPARE NUMBER												70								
71	4	DROP-IN HOT/COLD WELL UNIT	LTI	DI-QSCHP-2							0.75	FS	DRAIN TO FLOOR SINK	71	120-208	1	9.60			P	SU	NEMA 14-20P
72	1	WORK COUNTER W/ SINK	FABRICATED	CUSTOM							2.00	FS	DRAIN TO FLOOR SINK	72								
72.1	1	DECK MOUNT FAUCET	T&S BRASS	B-0321-CR	0.50	0.50	14							72.1								
73	1	SPARE NUMBER												73								
74	1	WALL SHELF	FABRICATED	CUSTOM										74								
75	1	PIZZA SERVING COUNTER	FABRICATED	CUSTOM										75	120	1	16.0			P	SU	FIXTURE MOUNTED DCO
76	2	DROP-IN HEATED SHELF	HATCO	GRSBF-48-I										76	120	1	8.30			D	SU	NEMA 5-15P
77	1	ADJUSTABLE BREATH GUARD W/ HEAT & LIGHTS	PREMIER	TM2N-A										77	120	1	6.00			D	SU	LIGHTS
78	1	SPARE NUMBER												78								
79	1	SOFT SERVE MACHINE	ELECTRO FREEZE	CS600										79	208	1	15			P	24	NEMA 6-20P
80	1	SPARE NUMBER												80								
81	1	UNDERCOUNTER FREEZER	TRUE	TUC-48F-HC										81	120	1	3.20			P	24	NEMA 5-15P
82	1	SPARE NUMBER												82								
83	1	SPARE NUMBER												83								
84	1	SPARE NUMBER												84								
85	1	SPARE NUMBER												85								

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENNTENIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MW	LC

DRAWING TITLE:
FOODSERVICE EQUIPMENT SCHEDULE

CERTIFIED BY:
FOODSERVICE CONSULTANTS SOCIETY INTERNATIONAL
SCOTT REITANO
FCSI
9508151
PROFESSIONAL MEMBER

DRAWING NUMBER
K200

PROJECT NUMBER
2023061

EQUIPMENT					MECHANICAL									ELECTRICAL								
								GAS														
ITEM NUMBER	QUANTITY	DESCRIPTION	MANUFACTURER	MODEL	HOT WATER	COLD WATER	AFF	CONN. SIZE	MBTU	AFF	WASTE	AFF	REMARKS	ITEM NUMBER	VOLTAGE	PHASE	AMPS	KW	HP	CONN.	AFF	REMARKS
86	1	SPARE NUMBER												86								
87	1	VERTICAL BREATH GUARD	PREMIER	CUSTOM										87								
88	1	SERVING COUNTER WITH ACTION STATION	FABRICATED	CUSTOM										88	120	1	16.0			P	SU	FIXTURE MOUNTED DCO. EXTEND SERVICE TO (2) 280V 30 AMP RECEPTACLES MOUNTED ON COUNTER
89	2	INDUCTION BURNER	EQUIPEX	BRIC3600										89	208	1	15.0			P	SU	NEMA L6-30P
90	1	UNDERCOUNTER REFRIGERATOR	TRUE	TUC-48D-2-ADA-HC										90	120	1	3.00			P	24	
91	1	ADJUSTABLE BREATH GUARD W/ HEAT & LIGHTS	PREMIER	TM2N-A										91	120	1	6.00			D	SU	LIGHTS
92	1	BACK COUNTER W/ SINK	FABRICATED	CUSTOM							2.00	FS		92								
93	1	DECK MOUNT FAUCET	T&S BRASS	B-0321-CR	0.50	0.50	14							93								
94	1	WALL SHELF	FABRICATED	CUSTOM										94								
95	4	REFRIGERATED MERCHANDISER	STRUCTURAL CONCEPTS	CO3324R-FS										95	120	1	12.0			P	SU	NEMA 5-15P
96	2	FRESH FOOD SERVING COUNTER	FABRICATED	CUSTOM										96	120	1	16.0			P	SU	FIXTURE MOUNTED DCO
97	2	DROP-IN HOT/COLD WELL UNIT	LTI	DI-QSCHP-1							0.75	FS	DRAIN TO FLOOR SINK	97	120-208	1	7.20			P	SU	NEMA 14-20P
98	2	SELF-SERVE DOUBLE-SIDED BREATH GUARD	PREMIER	TMIR										98	120	1	7.00			D	SU	LIGHTS
99	2	DROP-IN COLD WELL UNIT	LTI	DI-2037TA							0.75	FS	DRAIN TO FLOOR SINK	99	120	1	7.60			P	SU	NEMA 5-15P
100	2	ICE CREAM NOVELTY FREEZER	BY VENDOR	NIKEC										100	120	1	5.00			P	SU	NEMA 5-15P. VERIFY UTILITY REQUIREMENTS WITH VENDOR
101	4	MOBILE DOUBLE SIDED CASHIER COUNTER	FABRICATED	CUSTOM										101								
102	4	POINT OF SALE SYSTEM	PROVIDED BY OWNER	NOT IN KEC CONTRACT										102	120	1	16.0			D	SU	DATA REQUIRED
103	1	AIR CURTAIN MERCHANDISER	STRUCTURAL CONCEPTS	NR6047RSSV										103	120	1	16.0			P	SU	NEMA 5-20P
104	1	AIR CURTAIN MERCHANDISER	STRUCTURAL CONCEPTS	NR6047RSSV										104	120	1	16.0			P	SU	NEMA 5-20P
105	1	TRAY MILLWORK	FABRICATED	CUSTOM										105								
106	3	MOBILE CONDIMENT COUNTER	FABRICATED	CUSTOM										106								
107	2	TRAY SORTING MILLWORK	FABRICATED	CUSTOM										107								
107.1	1	TRAY SORTING MILLWORK	FABRICATED	CUSTOM										107.1								
108	1	ISLAND TRAY SORTING MILLWORK	FABRICATED	CUSTOM										108								
109	7	TRASH CAN	BY OWNER	NOT IN KEC CONTRACT										109								
110	1	SOILED DISH TABLE	FABRICATED	CUSTOM							2.00	16	DIRECT WASTE	110								
111	1	SPLASH MOUNTED PRE-RINSE FAUCET	T&S BRASS	B-0133-CR-B-SWV	0.50	0.50	14							111								
112	1	DISH MACHINE	HOBART	CL44EN-BAS+BUILDUP	0.50	0.50	14				2.00	FS	DRAIN TO FLOOR SINK	112	480	3	68.0			D	60	
113	1	BLOWER DRYER	HOBART	BDELRCD-STDDOM							1.00	FS	DRAIN TO FLOOR SINK	113	480	3	15.7			D	60	
114	2	VENT RISER	MASTER AIR											114								
115	1	CONDENSATE FAN	PART OF ITEM #112											115	120	1	9.80			D	SU	
116	1	CLEAN DISH TABLE	FABRICATED	CUSTOM										116								
117	1	SPARE NUMBER												117								
118	2	DRYING RACK	CAMBRO	CPMU243675D2PKG										118								
119	2	MOBILE TRAY AND DISH CART	CAMBRO	TDC2029615										119								
120	2	MOBILE SHELVING UNIT	CAMBRO	ELEMENTS XTRA										120								
121	1	THREE COMPARTMENT SINK	FABRICATED	CUSTOM							2.00	FS	DRAIN TO FLOOR SINK. DRAIN TO 2" DIRECT WASTE PER LOCAL CODE	121								
122	1	WALL SHELF	FABRICATED	CUSTOM										122								
123	2	SPLASH MOUNT FAUCET	T&S BRASS	B-0290	0.75	0.75	14							123								
124	1	SPLASH MOUNTED PRE-RINSE FAUCET	T&S BRASS	B-0133-CR-B-SWV	0.50	0.50	14							124								
125	1	SCRAPPER	SALVAJOR	P914	0.75	0.75	14				2.00	16	DIRECT WASTE	125	208	3	3.20		0.75	D	16	
126	1	SPARE NUMBER												126								
127	1	SPARE NUMBER												127								
128	1	JANITORIAL MOP SINK	ADVANCE TABCO	9-OP-20	0.50	0.50	42				3.00	0		128								
129	1	MOP CLOSET SHELVING UNIT	CAMBRO	EXMU244878V4480										129								
130	1	SECURITY UNIT	INTERMETRO	SEC35K3										130								
131	1	SPARE NUMBER												131								
132	1	SHELVING UNIT	CAMBRO	ELEMENTS XTRA										132								
133	1	WASHER & DRYER	BY OWNER	NOT IN KEC CONTRACT	0.50	0.50	36				1.50		VERIFY UTILITY REQUIREMENTS W/ OWNER	133	120 208	1 1	16.0 24.0			P P	36 36	VERIFY UTILITY REQUIREMENTS W/ OWNER
134	1	WALL SHELF	FABRICATED	CUSTOM										134								
135	1	KITCHEN SHELVING UNIT	CAMBRO	ELEMENTS XTRA										135								
136	5	EMPLOYEE LOCKER (1/2 SIZE)	BY ARCHITECT	NOT IN KEC CONTRACT										136								

CONVENIENCE FIXTURE SCHEDULE

MARK	QUANTITY	DESCRIPTION	VOLTAGE	PHASE	AMPS	AFF	REMARKS
DR2	7	DUPLEX CONVENIENCE RECEPTACLE	120	1	16.0	48	FURNISH HORIZONTAL RECEPTACLE WHEN MOUNTED ABOVE COUNTERTOP
DR3	2	DUPLEX CONVENIENCE RECEPTACLE	208	1	30.0	48	FURNISH HORIZONTAL RECEPTACLE WHEN MOUNTED ABOVE COUNTERTOP

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BID DOCUMENTS
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SCOPE DRAWINGS:
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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MW	LC

DRAWING TITLE:
FOODSERVICE EQUIPMENT SCHEDULE

CERTIFIED BY:
SCOTT BETANO
FOODSERVICE CONSULTANTS
FCSI
554815
CSI/CSC/FCSI INTERNATIONAL
PROFESSIONAL MEMBER

DRAWING NUMBER
K201

PROJECT NUMBER
2023061



1 FOODSERVICE PLUMBING LAYOUT
1/4" = 1'-0"

PLUMBING LEGEND

Ⓗ	SINGLE HOT WATER CONNECTION
Ⓒ	SINGLE COLD WATER CONNECTION
ⒽⒸ	HOT & COLD WATER CONNECTION
Ⓦ	DIRECT WASTE CONNECTION
◯	INDIRECT FLOOR DRAIN
⊠	INDIRECT 12"x12" FLOOR SINK
⊠	INDIRECT 12"x12" FLOOR SINK WITH HALF GRATE
Ⓖ	GAS CONNECTION
⬡	REFER TO SHEET K400 OR K500 FOR MORE INFORMATION ON THIS EQUIPMENT

PLUMBING NOTES

1. FOODSERVICE SPOT LOCATION SCHEDULES & DRAWINGS ARE FOR REFERENCE AND BIDDING PURPOSES, TO BE USED ONLY AS A GUIDE FOR FOOD SERVICE EQUIPMENT ELECTRICAL, PLUMBING & VENTILATION SPOT LOCATIONS AND ARE NOT APPROVED FOR USE ON THE JOBSITE FOR ROUGH-IN PURPOSES. THE KITCHEN EQUIPMENT CONTRACTOR SHALL BE RESPONSIBLE FOR CREATING HIS/HER OWN ROUGH-IN SCHEDULES & DRAWINGS SHOWING ACCURATE LOCATIONS FOR UTILITIES AND WORK TO BE INSTALLED IN ACCORDANCE WITH ALL FEDERAL, STATE & LOCAL CODES.

2. ALL SPOT LOCATIONS SHOWN ON THESE DRAWINGS ARE SPECIFIC TO THE EQUIPMENT SHOWN ON THE FOODSERVICE EQUIPMENT PLAN. REFER TO ARCHITECTURAL & PLUMBING DRAWING SETS FOR ADDITIONAL PLUMBING REQUIREMENTS NOT SHOWN.

3. ALL FLOOR AREAS IN THE KITCHEN & SERVING SPACE SHALL BE "TRANSIT LEVEL". DO NOT SLOPE FLOOR TO FLOOR DRAINS OR FLOOR SINKS IN THIS AREA.

4. PLUMBING DIVISION TO INSTALL ALL FAUCET ASSEMBLIES, PRE-RINSE SPRAY ASSEMBLIES, HOSE ASSEMBLIES, VACUUM BREAKERS, CHECK VALVES, FLOW CONTROL VALVES, SOLENOID VALVES, WATER PRESSURE REDUCING VALVES, GAS PRESSURE REDUCING VALVES, TEMPERATURE GAUGES, PRESSURE GAUGES, WATER HAMMER SHOCK ABSORBERS & WATER FILTRATION SYSTEMS FURNISHED BY THE KITCHEN EQUIPMENT CONTRACTOR.

5. PLUMBING DIVISION TO FURNISH & INSTALL ALL WATER, GAS & STEAM SUPPLY LINES, DRAIN MANIFOLDS & TAILPIECES, TRAPS, SHUT-OFF VALVES, VENT PIPING, GAS SUPPLY LINE STRAINERS/FILTERS, BACK FLOW PREVENTION DEVICES, FLOOR DRAINS & FLOOR SINKS AS REQUIRED FOR EQUIPMENT INSTALLATION AND ANY CODE REQUIREMENTS. ALL SUPPLY LINES SERVICING EQUIPMENT ADJACENT TO AN EXTERIOR WALL ARE TO BE RAN ALONG INTERIOR FACE OF WALL TO AVOID POTENTIAL FREEZING.

6. PLUMBING DIVISION TO FURNISH & INSTALL STAINLESS STEEL OR CHROME PLATED BRASS ESCUTCHEONS OR FLANGES FOR UTILITY LINES WHICH EXTEND THROUGH BUILDING WALLS AND EQUIPMENT. ALL PENETRATIONS TO BE SEALED WATER-TIGHT AND VERMIN PROOF.

7. PLUMBING DIVISION TO FURNISH & INSTALL TYPE "L" COPPER TUBING DRAIN LINES FROM ALL APPLICABLE EQUIPMENT TO FLOOR SINKS, (INCLUDING WALK-IN COOLER AND FREEZER COILS) AND TO INSULATE ALL DRAIN LINES FROM ICE BINS, REFRIGERATION EQUIPMENT ETC.. MECHANICAL DIVISION TO INSTALL DRAIN LINES SO THEY DO NOT AFFECT UNDERCOUNTER STORAGE AND OTHER OPERATIONAL FUNCTIONS OF THE FIXTURES.

8. PLUMBING DIVISION TO FURNISH & INSTALL CHROME PLATED PIPING ON ALL EXPOSED PIPING ABOVE COUNTER HEIGHT OR IN "DIRECT" LINE OF SIGHT TO THE OWNER/OPERATOR.

9. PLUMBING DIVISION TO FURNISH & INSTALL ALL 12"x12"x8" FLOOR SINKS. FLOOR SINKS TO BE MOUNTED IN FLOOR SUCH THAT THE TOP OF THE RIM WILL BE FLUSH WITH FINISHED FLOOR ELEVATION UNLESS OTHERWISE DIRECTED BY STATE & LOCAL CODES. FLOOR SINKS FOR DISHMACHINES AND ALL COOKING EQUIPMENT TO HAVE A MINIMUM OF 3" DRAIN CONNECTION.

10. MECHANICAL DIVISION TO COOL, HEAT &/OR VENTILATE FOOD SERVICE DRY STORAGE ROOM TO MAINTAIN A TEMPERATURE OF 68 DEGREES TO 72 DEGREES YEAR AROUND.

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENNTENIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for the complete performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MW	LC

DRAWING TITLE:
FOODSERVICE PLUMBING LAYOUT

CERTIFIED BY:
FOODSERVICE CONSULTANTS SOCIETY INTERNATIONAL
SCOTT RITTANO
FCSI 95068151
PROFESSIONAL MEMBER

DRAWING NUMBER
K300

PROJECT NUMBER
2023061



1 FOODSERVICE ELECTRICAL LAYOUT
1/4" = 1'-0"

ELECTRICAL LEGEND

R.P.O. @ 18"	120 VOLT ELECTRICAL CONNECTION
R	DUPLEX CONVENIENCE RECEPTACLE
	208 VOLT ELECTRICAL CONNECTION
	120/208 VOLT ELECTRICAL CONNECTION
	480 VOLT ELECTRICAL CONNECTION
	120 VOLT ELECTRICAL CONNECTION - FIXTURE MOUNTED
	208 VOLT ELECTRICAL CONNECTION - FIXTURE MOUNTED
J	DIRECT CONNECTION ON WALL
J	DIRECT CONNECTION ON EQUIPMENT
	ELECTRICAL CONNECTION - STUB UP
	ELECTRICAL CONNECTION - DOWN FROM ABOVE
$	SWITCH
	DATA CONNECTION
	REFER TO SHEET K400 OR K500
	FLOOR DUPLEX RECEPTACLE OUTLET
	DATA OUTLET IN FLOOR

HEIGHTS USED IN DRAWINGS ARE FOR REFERENCE ONLY. USE HEIGHTS PER LOCAL CODE.

ELECTRICAL NOTES

1. FOODSERVICE SPOT LOCATION SCHEDULES & DRAWINGS ARE FOR REFERENCE AND BIDDING PURPOSES, TO BE USED ONLY AS A GUIDE FOR FOOD SERVICE EQUIPMENT ELECTRICAL, PLUMBING & VENTILATION SPOT LOCATIONS AND ARE NOT APPROVED FOR USE ON THE JOBSITE FOR ROUGH-IN PURPOSES. THE KITCHEN EQUIPMENT CONTRACTOR SHALL BE RESPONSIBLE FOR CREATING HIS/HER OWN ROUGH-IN SCHEDULES & DRAWINGS SHOWING ACCURATE LOCATIONS FOR UTILITIES AND WORK TO BE INSTALLED IN ACCORDANCE WITH ALL FEDERAL, STATE & LOCAL CODES.
2. ALL SPOT LOCATIONS SHOWN ON THESE DRAWINGS ARE SPECIFIC TO THE EQUIPMENT SHOWN ON THE FOODSERVICE EQUIPMENT PLAN. REFER TO ARCHITECTURAL & ELECTRICAL DRAWING SETS FOR ADDITIONAL ELECTRICAL REQUIREMENTS NOT SHOWN.
3. ELECTRICAL AMPERAGE NOTED IN SCHEDULE INDICATES AMP "DRAW" & NOT CIRCUIT BREAKER SIZE UNLESS OTHERWISE NOTED. ELECTRICAL DIVISION IS RESPONSIBLE FOR PROPER CIRCUIT BREAKER SIZING
4. ELECTRICAL DIVISION TO VERIFY ALL FOODSERVICE EQUIPMENT WITH DIRECT ELECTRICAL CONNECTION TO BE IN LINE OF SIGHT OF KITCHEN ELECTRICAL DISTRIBUTION PANEL, AND IF NOT, ELECTRICAL DIVISION TO FURNISH & INSTALL A FUSED QUICK DISCONNECT ADJACENT TO EQUIPMENT.
5. ELECTRICAL DIVISION TO INSTALL ALL CONTROL PANELS, STARTERS, SOLENOID VALVES, JUNCTION BOXES & DISCONNECT SWITCHES FURNISHED BY THE KITCHEN EQUIPMENT CONTRACTOR.
6. ELECTRICAL DIVISION TO FURNISH & INSTALL ALL WIRING, ELECTRICAL OUTLETS, STARTERS, JUNCTION BOXES, DISCONNECT SWITCHES & CONDUIT REQUIRED FOR EQUIPMENT INSTALLATION IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS & ELECTRICAL CODE REQUIREMENTS. ELECTRICAL RECEPTACLES TO BE FLUSH MOUNTED UNLESS OTHERWISE NOTED.
7. ELECTRICAL DIVISION TO FURNISH & INSTALL GROUNDING WIRE TO ALL FOOD SERVICE EQUIPMENT IN ADDITION TO THE NUMBER OF WIRES NOTED IN INDIVIDUAL SERVICES.
8. ELECTRICAL DIVISION TO FURNISH & INSTALL GROUND FAULT PROTECTION FOR ANY RECEPTACLE WITHIN THE KITCHEN & SERVING AREAS.
9. ELECTRICAL DIVISION TO FURNISH & INSTALL SHUNT TRIP BREAKERS FOR ALL ELECTRICAL SERVICE TO EQUIPMENT UNDER EXHAUST HOODS WHEN FIRE SUPPRESSION SYSTEM IS REQUIRED.
10. ELECTRICAL DIVISION TO FURNISH 6'-0" PIGTAIL FLEX CONDUIT AT ALL DIRECT CONNECTION STUB-OUTS AND EXTEND TO FINAL CONNECTION ON EQUIPMENT. ELECTRICAL DIVISION TO PROVIDE CAPS AND CORDS FOR ALL ITEMS WHICH USE CONVENIENCE OUTLETS WHEN NOT SUPPLIED BY THE MANUFACTURER AND SHORTEN ANY CORDS IF NECESSARY.

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENNTENIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MW	LC

DRAWING TITLE:
FOODSERVICE ELECTRICAL LAYOUT

CERTIFIED BY:
SCOTT RETTANO
FCSI 95068131 PROFESSIONAL MEMBER

DRAWING NUMBER
K301

PROJECT NUMBER
2023061

WALK - IN SPECIFICATIONS

c UL us NSF LISTED

COMBO

OVERALL SIZE: 12'-6 1/2" X 40'-4" X 10'-2.5" (INDOOR)

PANELS
FOAMED IN PLACE URETHANE FOAM 4"

EXTERIOR FINISH
WALL: GALVALUME - EMBOSSED WHITE 26GA. EXCEPT AS NOTED
TOP: GALVALUME - EMBOSSED 26 GA
FLOOR: GALVALUME - EMBOSSED 26 GA

INTERIOR FINISH
WALL: GALVALUME - EMBOSSED WHITE 26GA.
TOP: GALVALUME - EMBOSSED WHITE 26GA.

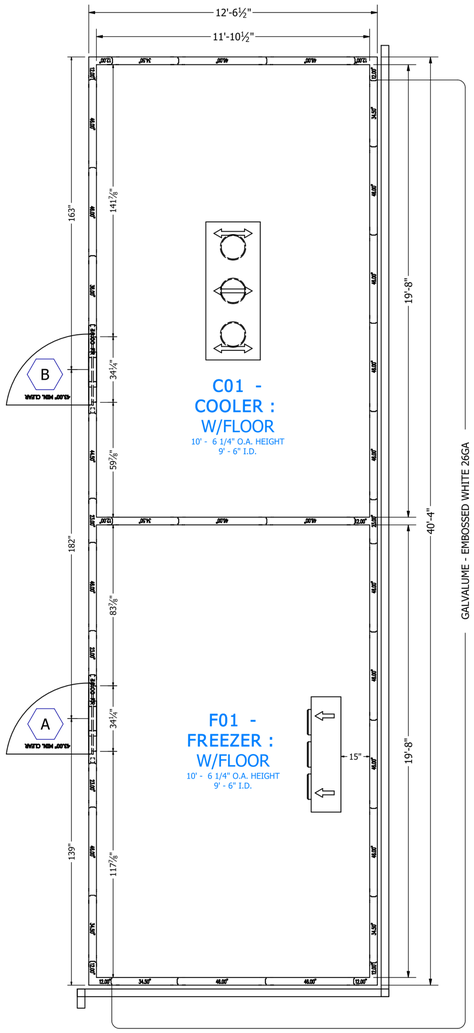
FLOOR TYPE
F01 FREEZER :
STANDARD 1000# ERA
GALVANIZED - SMOOTH -16GA.
(MAY NEED TILE OR THINSET OVERLAY FOR NSF APPROVAL)

C01 COOLER :
STANDARD 1000# ERA
GALVANIZED - SMOOTH -16GA.
(MAY NEED TILE OR THINSET OVERLAY FOR NSF APPROVAL)

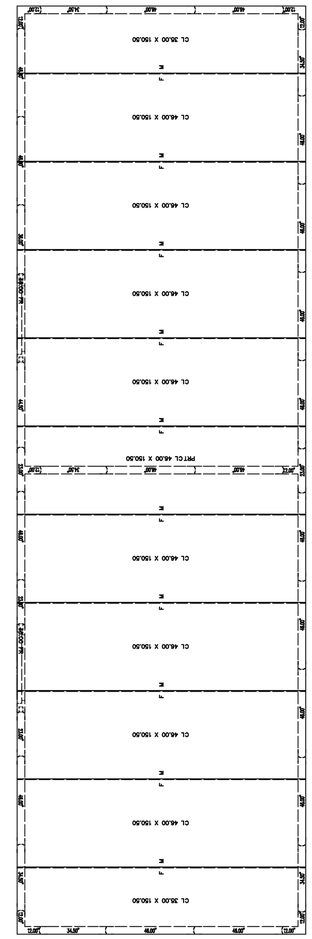
WALK-IN ACCESSORIES
(6) LIGHT - LED 48IN 120/230V 50/60HZ
(1) LOT, CLOSURE PANEL GALVALUME EMBOSSED WHITE 26 GA
(2) TRIM ANGLED 3" X 3" X 8FT GALVALUME EMBOSSED 26 GA
(1) VENT - PRESSURE RELIEF, HEATED KASON 1832
- ALLOWED IN WALLS OR SCIENTIFIC DOORS
(ENSURE NOT BEHIND A MASONRY WALL)
(147) S/F WAINSCOT ALUMINUM DIAMOND TREAD .125

REFRIGERATION
C01 COOLER :
KPC99MZOP-3E, R404A, VOLTS: 208-230-60-3,BTU:12000
KAMC36-12B-1EC-PR-4 VOLTS: 115-60-1,BTU:12614
TEMP: WALK-IN 35, AMBIENT TEMP: 95

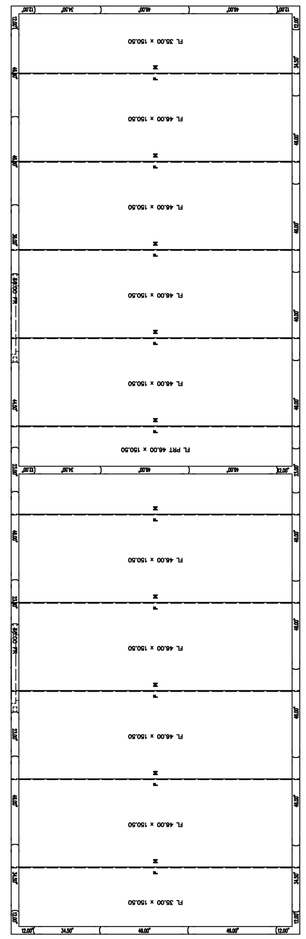
F01 FREEZER :
KPC349LZOP-3E, R404A, VOLTS: 208-230-60-3,BTU:12300
KEL36-121-2EC-PR-4 VOLTS: 208-230-60-1,BTU:12603
TEMP: WALK-IN -10, AMBIENT TEMP: 95



WALLS LAYOUT



CEILINGS LAYOUT



FLOORS LAYOUT

⚠ATTENTION

1. **SUBMITTAL DRAWING NOT INTENDED FOR INSTALLATION.**
AS-BUILT DRAWING FOR INSTALLATION WILL BE AVAILABLE AFTER ORDER IS PLACED. HARD COPY OF AS-BUILT DRAWING WILL BE IN HARDWARE BOX WITH WALK-IN SHIPMENT TO JOBSITE. ALL AS-BUILT DRAWINGS SHOW PART NUMBERS AND ID LABELS ON PLAN VIEWS.
2. ALL WALK-INS ARE DESIGNED FOR INDOOR APPLICATION UNLESS NOTED OTHERWISE
3. PANELS WITH NON-TEXTURED AND/OR NO-PROFILE PANEL FINISHES (SMOOTH FINISHES) ON THE EXTERIOR AND INTERIOR FACES MAY EXHIBIT "OIL CANNING" AND FLATNESS IMPERFECTIONS ON THE SURFACE. OUR STANDARD PANELS HAVE A STUCCO EMBOSSED TEXTURE ON BOTH FACES THAT HELPS TO REDUCE "OIL CANNING" AND ANY OTHER IRREGULARITIES IN THE EXPOSED SURFACE. PLEASE BE AWARE OF THIS POTENTIAL SITUATION IN YOUR SPECIFICATION PROCESS. SUCH "OIL CANNING" AND FLATNESS ISSUES ARE TYPICAL AND ARE NOT COVERED UNDER STANDARD WARRANTIES.
4. PENETRATIONS AND SEALING OF ARE THE RESPONSIBILITY OF OTHERS
5. ALLOW 2" MINIMUM CLEARANCE WITH AIRFLOW OF 5 CFM PER 100 SQ FT AROUND ENTIRE PANEL SURFACES. INDOOR WALK-INS REQUIRE A 75°F AMBIENT AND 55% RELATIVE HUMIDITY OR LESS AROUND THE EXTERIOR OF THE WALK-IN.
6. GENERAL CONTRACTOR TO REFER TO DESIGN AND SPECIFICATION MANUAL FOR FLOOR DETAIL INFORMATION
7. QUARRY TILE OR CONCRETE FLOOR APPLICATIONS: METAL PANEL FACING MAY BE SUSCEPTIBLE TO STAINING DUE TO EXCESSIVE MOISTURE CREATED BY THE HYDRATION OF CONCRETE TYPE MATERIALS. IT IS ABSOLUTELY NECESSARY THAT EACH ROOM BE PROPERLY VENTILATED. SPECIAL PRECAUTIONS MUST ALSO BE TAKEN WHEN USING MURIATIC ACID DUE TO EFFECTS HYDROCHLORIC FUMES HAVE ON METAL MATERIALS
8. PANEL LAYOUT MAY CHANGE BASED ON OPTIMAL MANUFACTURING STANDARDS
9. WALK-IN TOP IS NOT DESIGNED FOR FOOT TRAFFIC OR STORAGE UNLESS NOTED OTHERWISE
10. IF CONDENSING UNIT IS LOCATED IN THE INTERIOR OF BUILDING A MINIMUM OF 24" OF CLEARANCE IS REQUIRED AROUND TOP AND SIDES
11. FLOOR, CURB, AND PIT DETAILS ARE FOR GENERAL REFERENCE ONLY. THESE DRAWINGS SHOULD NOT BE USED OR INCORPORATED IN THE DESIGN OR PREPARATION OF THE INSULATED FLOOR, SUB-SLAB OR CURBS, WITHOUT HAVING THE DESIGN REVIEWED BY A QUALIFIED ENGINEER. ALL FOOTINGS, FOUNDATION WALLS AND CONCRETE WEAR SLABS ARE THE RESPONSIBILITY OF THE BUILDING ENGINEER OR ARCHITECT.
12. THE FOAM PLASTIC USED IN THIS PRODUCT COMPLIES TO THE IBC SECTION 2603 AS FOLLOWS: FLAME SPREAD RATING: 20; SMOKE DEVELOPED RATING: 250 - 400; FLASH IGNITION TEMPERATURE RATING: 915°F; SPONTANEOUS IGNITION TEMPERATURE RATING: 950°F.
13. R-VALUES MEET DOE REQUIREMENTS AND ARE ASTM C518 TESTED. COOLER R-VALUES ARE R-29 FOR 4" THICK, R-36 FOR 5" THICK, AND R-44 FOR 6" THICK PANELS. FREEZER R-VALUES ARE R-32 FOR 4" THICK, R-40 FOR 5" THICK, R-48 FOR 6" THICK PANELS, AND R-29 FOR 4" FLOORS.
14. FLOORS NOT DESIGNED FOR WET MOPPING. PALLET JACKS, OR FORKLIFT TRAFFIC.
15. KOLPAK AND HARFORD WALK-INS ARE COMPLIANT WITH UL STANDARDS. THE PANELS ARE UL723. UL FILE LISTING R8160. THE DOORS ARE UL471. UL FILE LISTING E46140. STANDARD EVAPORATOR COILS ARE UL412. CONDENSING UNITS ARE UL1995.

FOR APPROVAL	KOLPAK INSTALLATION MANUAL
YOU MUST REVIEW ALL NOTES, DETAILS, DIMENSIONS, FINISHES, DOORS SIZES, LOCATIONS AND SWINGS	
☐ APPROVAL- NO CHANGE REQUIRED, MANUFACTURE AS DRAWN.	
☐ APPROVED AS NOTED- MAKE REQUIRED CHANGES AND MANUFACTURE AS DRAWN.	
☐ NOT APPROVED- DESIGN CHANGES REQUIRE DRAWING REVISION AND RESUBMISSION.	
DATE:_____ BY:_____	

DRAWING #: A255281R4
UNIT #: 001
ORDER #: N/A

KOLPAK®
2915 Tremont Avenue North, Fresno, TX 76063
(800) 232-4321 • (817) 293-3999

WESTFIELD MIDDLE SCHOOL
N/A
WESTFIELD,IN 46034 USA

ZINK MARKETING

	DATE:	QUOTE REVISION	DATE:	CHECK BY:	DATE:	DRAWN BY:
					07/18/2024	DJB

SHEET #
AD-1 of 2

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENNTENIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of dimensions, quantities, and the relationship of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The Contract Documents, however, alone describe all work required for full performance and completion of the requirements of the Contract.
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REVISIONS:

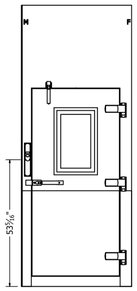
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MW	LC

DRAWING TITLE:
WALK-IN COOLER / FREEZER DETAILS

CERTIFIED BY:
SCOTT REYNARD
FCS 9508131
FOODSERVICE CONSULTANTS SOCIETY INTERNATIONAL
PROFESSIONAL MEMBER

DRAWING NUMBER
K400

PROJECT NUMBER
2023061



OFFSET −0.50"
34.00" X 78.00"
46.00" X 118.25"

DW-1

FRAME:
RECESSED 8" WITH 0" LEVELING SAND AND 0.25" TILE AND GROUT
EXT: GALVALUME - EMBOSSED WHITE 26GA.
EXT: KICKPLATE, ALUM .125 DIAMOND TREAD 36" HIGH
INT: GALVALUME - EMBOSSED WHITE 26GA.
INT: KICKPLATE, ALUM .125 DIAMOND TREAD 36" HIGH

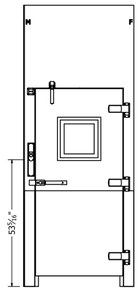
PLUG:
EXT: GALVALUME - EMBOSSED WHITE 26GA.
EXT: KICKPLATE, ALUM .125 DIAMOND TREAD 36" HIGH
INT: GALVALUME - EMBOSSED WHITE 26GA.
INT: KICKPLATE, ALUM .125 DIAMOND TREAD 36" HIGH

HARDWARE AND ACCESSORIES:
(1) 115/60/1 ELECTRICAL
(1) DELETE HEATED AIR VENT (FROM THIS DOOR SECTION)
(1) ALARM - MODULARM 75LC 120V 60HZ, DRY CONTACTS

(1) DOOR CLOSER - KASON 1094 (STD)
(1) HANDLE - KASON 27C BRUSHED CHROME
(1) HEATER WIRE, 5 WATT / FT
(3) HINGE - KASON 1346 BRUSHED CHROME
ADJUSTABLE / SPRING ASSISTED (STD)
(1) LIGHT CENTERED OVER DOOR OPENING
(1) LIGHT FIXTURE - KASON 1803 LED W/BULB,
GLOBE AND NIGHTLIGHT 120V 50/60HZ (STD)
(1) STRIP DOOR - (BI-PARTING) 34 X 78
(1) THRESHOLD, STAINLESS STEEL 14 GA
(1) THRU CEILING ELECTRICAL (ALL CONDUIT CONCEALED)
(1) TILE AND GROUT ADDER
(1) VIEWPORT - 14X24 FREEZER, HEATED FRAME
AND GLASS 4IN THICK 120V 50/60HZ

A

DOOR ELECTRICAL INFORMATION				
DESCRIPTION	QTY	VOLT	AMP	AMP LOAD
WEISS ALARM / MODULARM 75LC	1	115	0.03	0.03
HEATED VIEWPORT	1	115	0.75	0.75
HEATER WIRE	1	115	0.8	0.8
LED LIGHT	1	115	0.1	0.1
115 VOLT, SINGLE PHASE, 60 Hz, TOTAL DOOR AMPS:				1.75



34.00" X 78.00"
46.00" X 118.25"

DW-2

FRAME:
RECESSED 8" WITH 0" LEVELING SAND AND 0.25" TILE AND GROUT
EXT: GALVALUME - EMBOSSED WHITE 26GA.
EXT: KICKPLATE, ALUM .125 DIAMOND TREAD 36" HIGH
INT: GALVALUME - EMBOSSED WHITE 26GA.
INT: KICKPLATE, ALUM .125 DIAMOND TREAD 36" HIGH

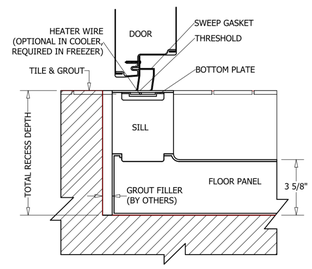
PLUG:
EXT: GALVALUME - EMBOSSED WHITE 26GA.
EXT: KICKPLATE, ALUM .125 DIAMOND TREAD 36" HIGH
INT: GALVALUME - EMBOSSED WHITE 26GA.
INT: KICKPLATE, ALUM .125 DIAMOND TREAD 36" HIGH

HARDWARE AND ACCESSORIES:
(1) 115/60/1 ELECTRICAL
(1) ALARM - MODULARM 75LC 120V 60HZ, DRY CONTACTS

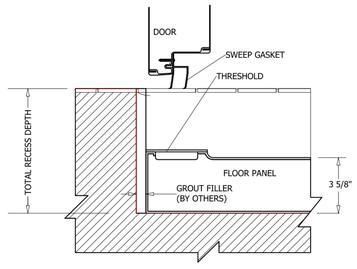
(1) DOOR CLOSER - KASON 1094 (STD)
(1) HANDLE - KASON 27C BRUSHED CHROME
(3) HINGE - KASON 1346 BRUSHED CHROME
ADJUSTABLE / SPRING ASSISTED (STD)
(1) LIGHT CENTERED OVER DOOR OPENING
(1) LIGHT FIXTURE - KASON 1803 LED W/BULB,
GLOBE AND NIGHTLIGHT 120V 50/60HZ (STD)
(1) STRIP DOOR - (BI-PARTING) 34 X 78
(1) THRESHOLD, FRP
(1) THRU CEILING ELECTRICAL (ALL CONDUIT CONCEALED)
(1) TILE AND GROUT ADDER
(1) VENT - PRESSURE RELIEF, HEATED 120V 50/60HZ (STD)
(1) VIEWPORT - 14X14 COOLER, HEATED FRAME
4IN THICK 120V 50/60HZ

B

DOOR ELECTRICAL INFORMATION				
DESCRIPTION	QTY	VOLT	AMP	AMP LOAD
WEISS ALARM / MODULARM 75LC	1	115	0.03	0.03
HEATED AIR VENT	1	115	0.04	0.04
HEATED VIEWPORT	1	115	0.22	0.22
LED LIGHT	1	115	0.1	0.1
115 VOLT, SINGLE PHASE, 60 Hz, TOTAL DOOR AMPS:				0.46

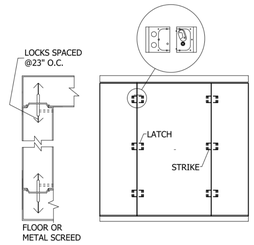


1 DETAIL - 4IN FLOOR-OVER 6IN RECESS-T&G-HTR WIRE
Scale: NTS

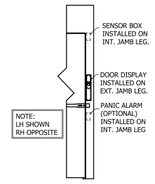


2 DETAIL - 4IN FLOOR-OVER 6IN RECESS-T&G
Scale: NTS

NOT USED

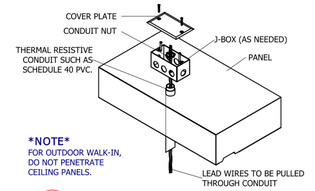


4 DETAIL - PANEL CONNECTION AT FLOORS OR METAL SCREEDS
Scale: NTS



5 DETAIL - DOOR DISPLAY
Scale: NTS

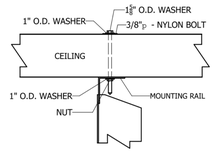
AT EVERY ENTRANCE CONDUIT, FORCE SEALANT AROUND THE EXTERIOR OF THE ELECTRICAL CONDUIT AND INSIDE THE CONDUIT AROUND THE WIRES. FAILURE TO ELIMINATE AIRFLOW IN THE CONDUIT WILL ALLOW MOISTURE TO DAMAGE ELECTRICAL COMPONENTS ESPECIALLY LIGHTS WHICH **WILL NOT BE COVERED UNDER WARRANTY.**



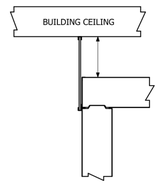
NOTE
FOR OUTDOOR WALK-IN,
DO NOT PENETRATE
CEILING PANELS.

6 DETAIL - ELECTRICAL CONDUIT PENETRATION
Scale: NTS

NOTE:
REQUIRED FASTENERS SUPPLIED IN MOUNTING KIT.
KIT INCLUDES NYLON FASTENERS TO PREVENT
THERMAL TRANSFER. DO NOT USE METAL
FASTENERS TO MOUNT EVAPORATOR.



7 DETAIL - EVAP TO CEILING MOUNT
Scale: NTS



IF HEIGHT AND LOCATION IS NOT SUPPLIED AT THE TIME OF ORDER, CLOSURE PANEL WILL BE BACK-ORDERED FOR FIELD VERIFICATION.

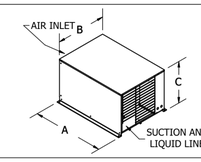
NOTE!
* CLOSURE WILL BE THE SAME FINISH AS WALK-IN.
* BOTTOM RAIL IS SECURED WITH SHEET METAL SCREWS BY KOLPAK.
* TOP RAIL IS SECURED VIA SUITABLE METHOD BY INSTALLER.
* DIMENSION FROM TOP OF FINISHED WALK-IN TO INTERIOR CEILING MUST BE VERIFIED BEFORE FABRICATION.

8 DETAIL - CLOSURE PANEL TO BUILDING CEILING
Scale: NTS

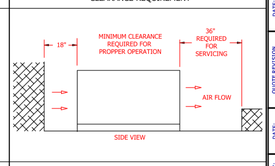
COMPARTMENT		CONDENSING UNIT																		
	TEMP F					DIMENSIONS				COMPRESSOR						CONDENSER FAN MTR			TOTAL	MX AMP	CONNECTIONS O.D.		RCV CAP
DESCRIPTION	WI	QTY	MODEL#	REFRIGERANT	COMPRESSOR TYPE	L (A)	W (B)	H (C)	LBS	HP	RLA	LRA	V	HZ	Φ	FLA	V	Φ	AMPS	DISC	SUCT	LIQ	@ 90% FULL (lbs)
C01 COOLER	35	1	KPC99MZOP-3E	R404A	SCROLL	33	25.5	19.25	169	1	8	55.4	208-230	60	3	1.2	208-230	1	9.4	15	7/8	3/8	10.4
F01 FREEZER	-10	1	KPC349LZOP-3E	R404A	SCROLL	33	40.125	22.25	230	3 1/2	12.2	88	208-230	60	3	2.4	208-230	1	14.9	30	7/8	3/8	13.6

COMPARTMENT		UNIT COOLER												
	TEMP F				DIMENSIONS				FAN		HEATER			CONNECTIONS O.D.		
DESCRIPTION	WI	QTY	MODEL # (DEFROST: A-AIR E-ELECTRIC)	REFRIGERANT	L (D)	W (E)	H (F)	LBS	TOTAL AMPS	V	TOTAL AMPS	V	Φ	SUCT	LIQ	DRAIN
C01 COOLER	35	1	KAMC36-128-1EC-PR-4	R404A	72	28.375	11.25	240	2.4	115	0	N/A	0	7/8	3/8	3/4
F01 FREEZER	-10	1	KEL36-121-2EC-PR-4	R404A	60.125	15.5	16.75	78	1.5	208-230	14.3	208-230	1	1 1/8	3/8	3/4

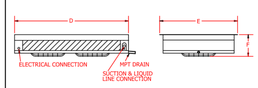
CONDENSING UNIT ASSEMBLY



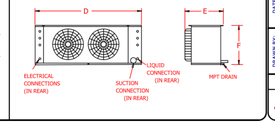
CLEARANCE REQUIREMENT



EVAPORATOR - MODEL AMC, EMC, ELC, AML, ELL, TW, MTW



EVAPORATOR - MODEL AM, EM, EL, AMB, ELB



DRAWING #: A255281R4
UNIT #: 001
ORDER #: N/A

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WESTFIELD MIDDLE SCHOOL
N/A
WESTFIELD,IN 46034 USA

ZINK MARKETING

DRAWN BY: DJB
DATE: 07/18/2024
CHECK BY:
DATE:
QUOTE REVISION
DATE:

SHEET #
AD-2 of 2

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
17707 CENNTENIAL RD, WESTFIELD, IN 46074

BID DOCUMENTS

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. They are not intended to be construction documents. Describe all work required for full performance and completion of the requirements of the Contract.
The Bid Documents establish the general scope indicated or described; the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MW	LC

DRAWING TITLE:
WALK-IN COOLER / FREEZER DETAILS

CERTIFIED BY:
FOODSERVICE CONSULTANTS SOCIETY INTERNATIONAL
SCOTT J. DEITSCH
9508151
PROFESSIONAL MEMBER

DRAWING NUMBER
K401

PROJECT NUMBER
2023061

SPECIFICATIONS (ITEMS #46 & 47)

HOOD: (1) Master Air Model EH Type I canopy exhaust hood, sized as shown on the drawings. Factory to pre-assemble hood sections and furnish fasteners for field assembly.

MATERIAL: 18-gauge type 304 stainless steel #4 finish, where exposed. Double thickness outside end panels solid welded and polished to face with no exposed joints. Filter rack mullion to be tack-welded to inside end panel. UL 710 Listed construction #3658.

LIGHTS: (10) Allanson model ALF16-120V-WW LED Recessed light fixtures for canopy exhaust hoods factory-wired to junction box and switches on wireway.

FILTERS: (15) 25"x20"x2" Flame Gard FR51-2520 Stainless steel grease filters UL file #R10173.

BULKHEAD: 18-gauge stainless steel bulkhead between top of hood and ceiling on all exposed sides. Verify ceiling height before construction.

WIREWAY COVER: 18-gauge stainless steel vertical wireway cover, centered on face of hood.

SWITCHES: Oiltight control switches for hood lights and exhaust/supply fans. Mounted on wireway cover.

SPACER: 18-gauge stainless steel center spacer at 7-5/8" wide. Verify width of wall below hood before construction.

FAN PACKAGE: Exhaust fan: (1) Greenheck model CUBE-300, UL 705 Listed - Supplement SC (formerly UL 762) - for use in grease-laden environments, with prewired disconnect switch, tilting base, and grease catch trough.
Supply air fan: (1) Master Air model MA18, with disconnect switch, motorized backdraft damper, aluminum air filters, outside air intake, and motor starters for exhaust and supply fans factory-installed within cabinet. Provide painted exterior for supply air fan.

FURNACE: Direct-fired gas furnace to be Master Air model DFNP18. Furnace control to be Maxitrol electronic. Heater includes all controls with duct stat, and disconnect switch. Unit set for 7 in-wg minimum pressure at rated flow, 14 in-wg maximum, with 1" gas supply connection. Painted exterior to match fan package.

ROOF CURBS: 18-gauge welded galvanized steel, internally insulated, and equipment support rail, set for pitched roof. Verify roof pitch and direction before construction.

FAN DISCHARGE: 10'-0" minimum from any building inlet and 40" above building roof.

EXHAUST DUCT: 16-gauge welded black iron exhaust duct, with continuous liquid-tight external welds at all seams and joints. Provide 1/4" per foot minimum slope toward hood on all horizontal duct runs. Provide cleanouts every 20'-0" of duct length or at every change of direction greater than 45 degrees, as required per code.

EXHAUST DUCT WRAP: Exhaust ducts serving Type I hoods shall be installed with a rated duct wrap system meeting ASTM E2336 Standards, from the point of ceiling penetration (or duct connection) at the hood, to the termination of the duct at the exhaust fan (or exit of the duct from the building), and where required per International Mechanical Code. The duct wrap system shall be 3M "Fire Barrier Duct Wrap 615+" or equivalent. The duct wrap system shall be installed in strict accordance with the system's listing and the manufacturer's instructions for 2-hour rated system 0" clearance to combustible and grease duct installation. System requires two layers of 1.5" uncompressed insulation. Insulation to be banded to the duct with steel banding straps. Penetration of rated walls and floors shall be fire-stopped in accordance with the system manufacturer's installation instructions.

MAKE-UP AIR DUCT: Light gauge steel construction per SMACNA low pressure standards.

PLENUMS: Make-up air plenums at ceiling level, as shown on the drawing. Plenum to be constructed of white-clad steel with stainless steel perforated face diffusers.

MAKE-UP AIR TAPS IN PLENUM: Flex duct connections, spin-in type, each with balancing damper.

FIRE CONTROL SYSTEM: (1) Ansul model R-102, UL 300 Listed, liquid chemical type. System to provide hood, duct, and required surface protection. System includes mechanical gas valve (verify gas line size), triple microswitch, and remote manual pull station. Piping to be stainless steel or chrome, where exposed. Fire system to be mounted in cabinet on end of hood.

SYSTEM ACTUATION CONTROL and APPLIANCE INTERLOCK: Hood to include an "Auto-Start" control system as required by the International Mechanical Code, as adopted by state and local agencies. Control to monitor the differential between room ambient and hood interface temperature, activating the hood system fans if the temperature differential should exceed a preset limit. Hood system will turn off 30 minutes after hood temperature has cooled below the preset limit. Solid state control to monitor up to eight hood locations with all setpoint and timing adjustments made at a single point.

EXHAUST SYSTEM WORK BY OTHER TRADES:

KITCHEN EQUIPMENT CONTRACTOR: Coordinate with General, Electrical, HVAC, and Plumbing contract documents.

ROOFING CONTRACTOR: Provide roof deck openings. Set in place and flash (with cant if required) roof curbs and equipment support rail furnished by the hood system manufacturer.

STRUCTURAL CONTRACTOR: Frame roof curb openings as required. Coordinate joist or structural member installation to provide required clearances for ductwork and shaft assemblies.

ELECTRICAL CONTRACTOR: (Hood System Requirements) Provide 120/60/1 20-amp circuit (for hood lights and controls) to junction box on top of hood. Provide 3-phase circuit (for fan motors) to disconnect switch mounted on exterior of supply fan cabinet. Extend power wiring from motor starter panel (mounted on exterior of supply fan) to connection point on exhaust fan. Provide conduit and four wires from terminal block on hood control panel to terminal block on supply fan motor starter panel. This work must be installed in accordance with the NEC.

ELECTRICAL CONTRACTOR: (Fire Protection System Requirements) Provide conduit and three wires from terminal block on hood control panel to microswitch of fire protection system. Interlock wiring of the supply fan's motor control device through the fire system microswitch, shutting off supply air in the event of fire system activation. Exhaust fan(s) to remain running in the event of fire system activation. Furnish and install a 4" octagonal box for the fire system pull station, mounting the centerline of the box at 48" above the finished floor. Run 1/2" only conduit (with no bends) from the top of the box to 6" above the ceiling. If installed in a wall, the area around the 1/2" conduit should be notched or set back to allow the pulley elbow fitting for the pull station to be installed. Connections for the fire system wiring must be made in a junction box on the outside of the fire system cabinet. Furnish and install automatic power shut-off devices (shunt trip breakers, or definite purpose contactors) with interlock to fire system microswitch, shutting off all power below the hood (including control voltage) in the event of fire system actuation. This work must be installed in accordance with NFPA 17A, and the NEC.

MECHANICAL CONTRACTOR: Provide net room air demand as indicated on the hood system drawings. This air volume is required only when hood system is in operation. Provide normal heating and cooling of the kitchen area. High velocity diffusers or HVAC returns should not be placed within ten (10) feet of exhaust hood. Perforated diffusers are recommended. Install gas valve (supplied with the fire suppression system) in the main supply line serving the cooking equipment to shut off gas service to the cooking equipment in the event of fire system actuation. Provide and install service to gas-fired furnace on building roof.

SPECIFICATIONS (ITEM #114)

CONDENSATE EXHAUST FAN: (1) Greenheck model GB-131-5, UL 705 Listed for general ventilation use, with factory-wired disconnect switch and bird screen.

ROOF CURB: 18-gauge welded galvanized steel, internally insulated, set for use on a pitched roof. Verify roof pitch and direction before construction.

EXHAUST DUCT: Two (2) 4"x16" vertical stainless steel risers extending from dishmachine vent cowls to a point 2" above ceiling. Provide stainless steel trim rings where riser penetrates ceiling. Provide light gauge aluminum condensate ductwork, sealed liquid tight at all seams and joints above ceiling, extending to discharge at exhaust fan.

EXHAUST SYSTEM WORK BY OTHER TRADES:

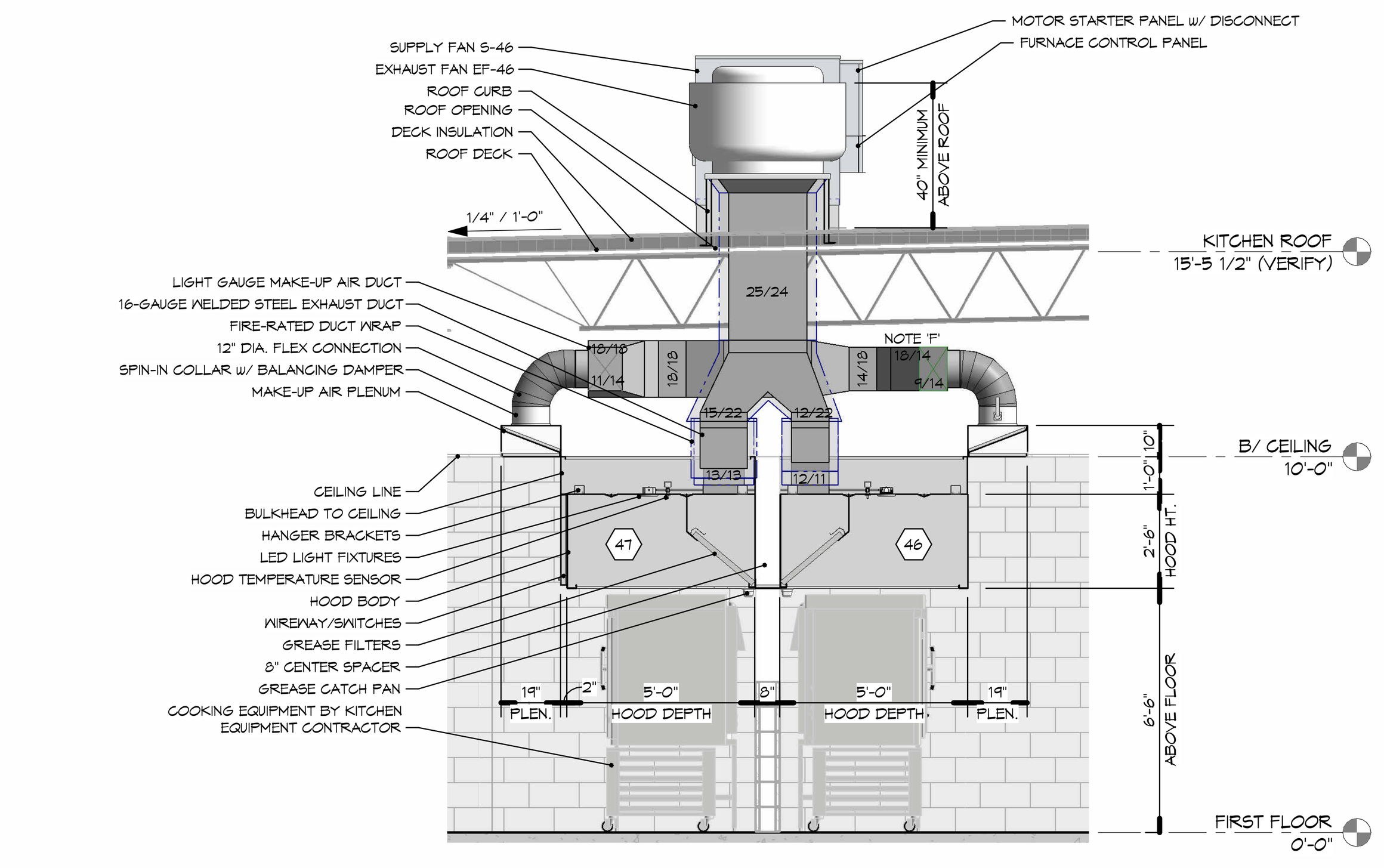
KITCHEN EQUIPMENT CONTRACTOR: Coordinate with General, Electrical, HVAC, and Plumbing contract documents.

ROOFING CONTRACTOR: Provide roof deck opening as shown on drawing. Set in place and flash (with cant if required) roof curb provided by the hood system manufacturer.

STRUCTURAL CONTRACTOR: Frame roof curb opening as required. Coordinate joist or structural member installation to provide required clearances for ductwork.

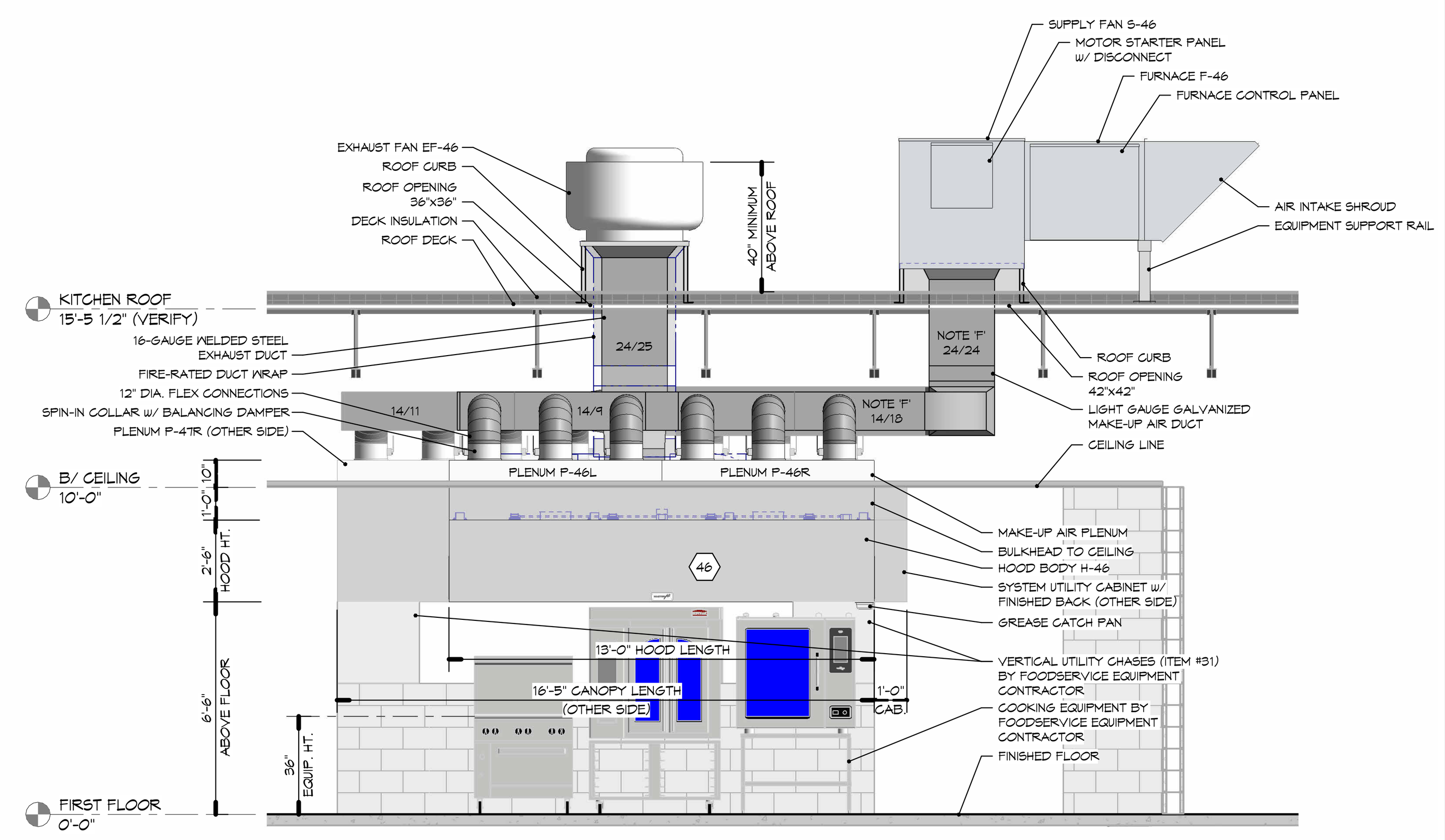
ELECTRICAL CONTRACTOR: Provide single-phase power as required to condensate exhaust fan, as indicated on hood system drawings. Interwire condensate exhaust fan circuit through fan contacts on dishmachine for fan actuation.

MECHANICAL CONTRACTOR: Provide net room air demand as indicated on the hood system drawings. This air volume is required only when the condensate exhaust riser system is in operation.



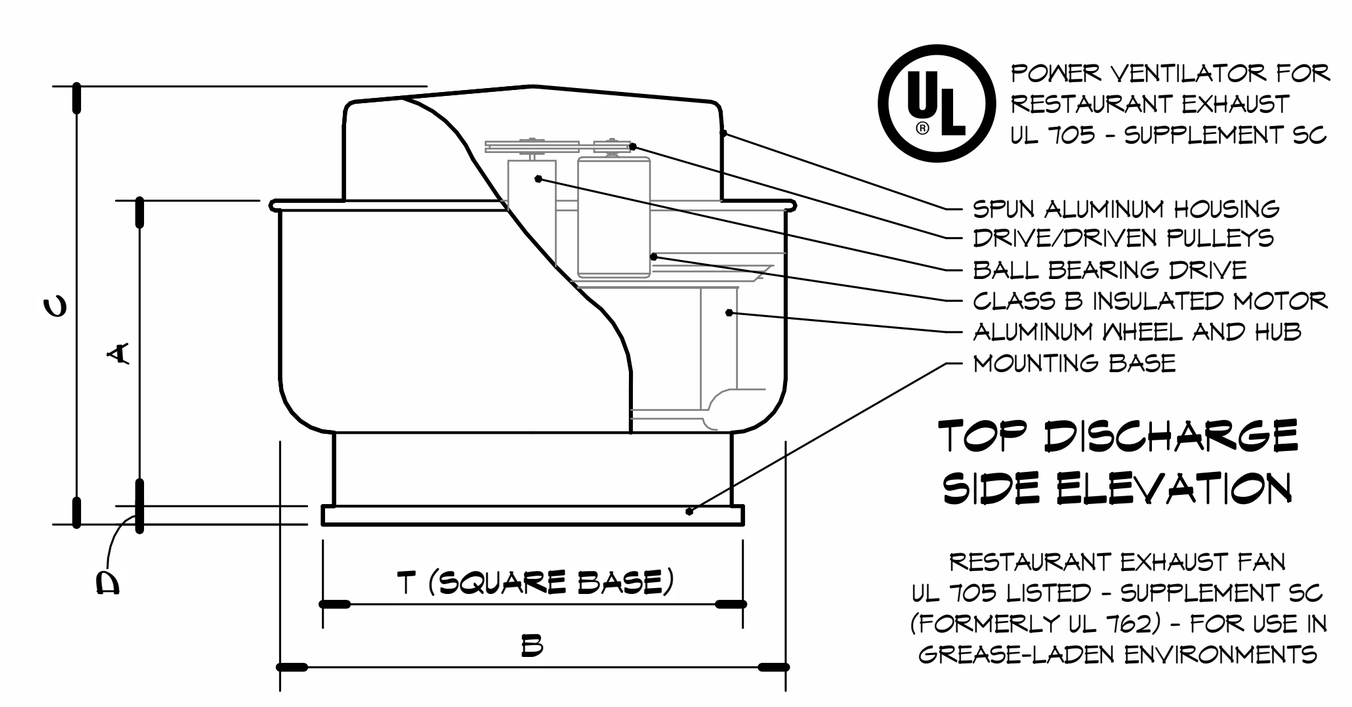
ELEVATION w/ HOOD SECTION (ITEMS #46-47)

SCALE: 1/4" = 1'-0"



SYSTEM ELEVATION (ITEMS #46-47)

SCALE: 1/4" = 1'-0"



Motor compartment to be provided with forced air cooling, with compartment sealed against contaminated exhaust air.

All aluminum wheel with non-overloading backward inclined blades.

Spun aluminum corrosion-resistant housing, mounted on a heavy duty steel substructure.

Ball bearing drive, prelubricated, mounted inside motor compartment outside air stream.

Units to be of Type B construction.

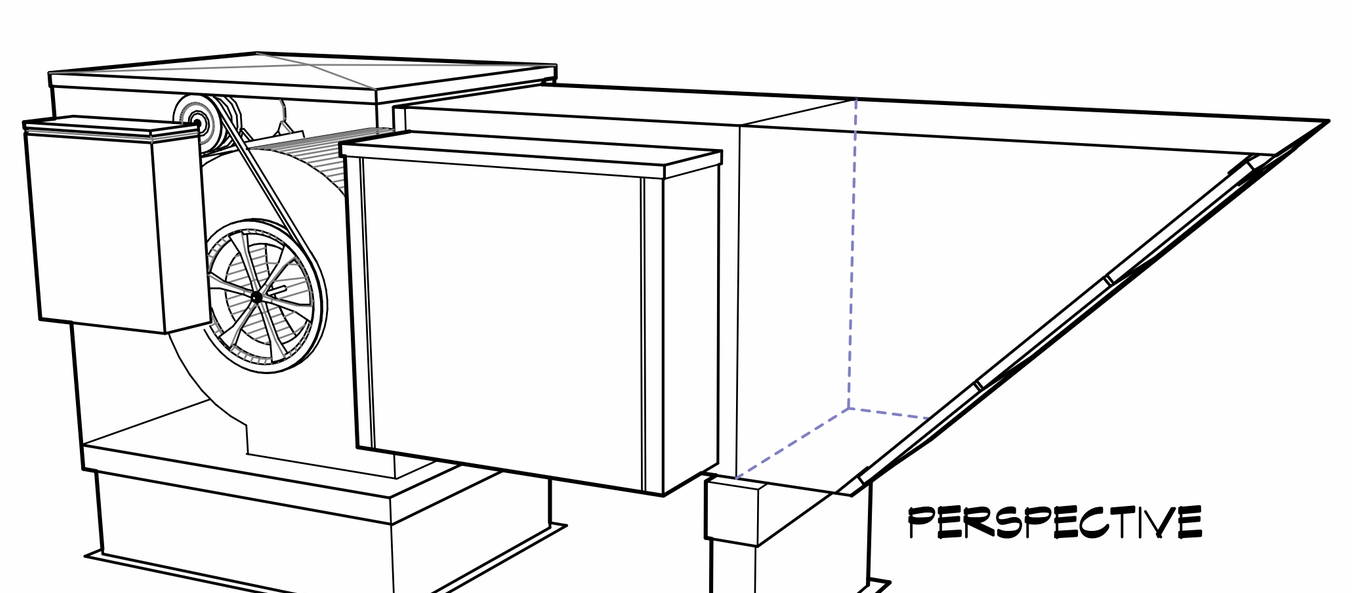
Junction box, externally mounted on the fan body, factory prewired for field access.

Unit to be as per Greenheck CUBE series.

MODEL	WHEEL SIZE	A	B	C	D	T	WEIGHT
CUBE-300	30"	29"	50"	36"	1.75"	40"x40"	252 lb

UPBLAST EXHAUST FAN DETAIL (EF-46)

NO SCALE



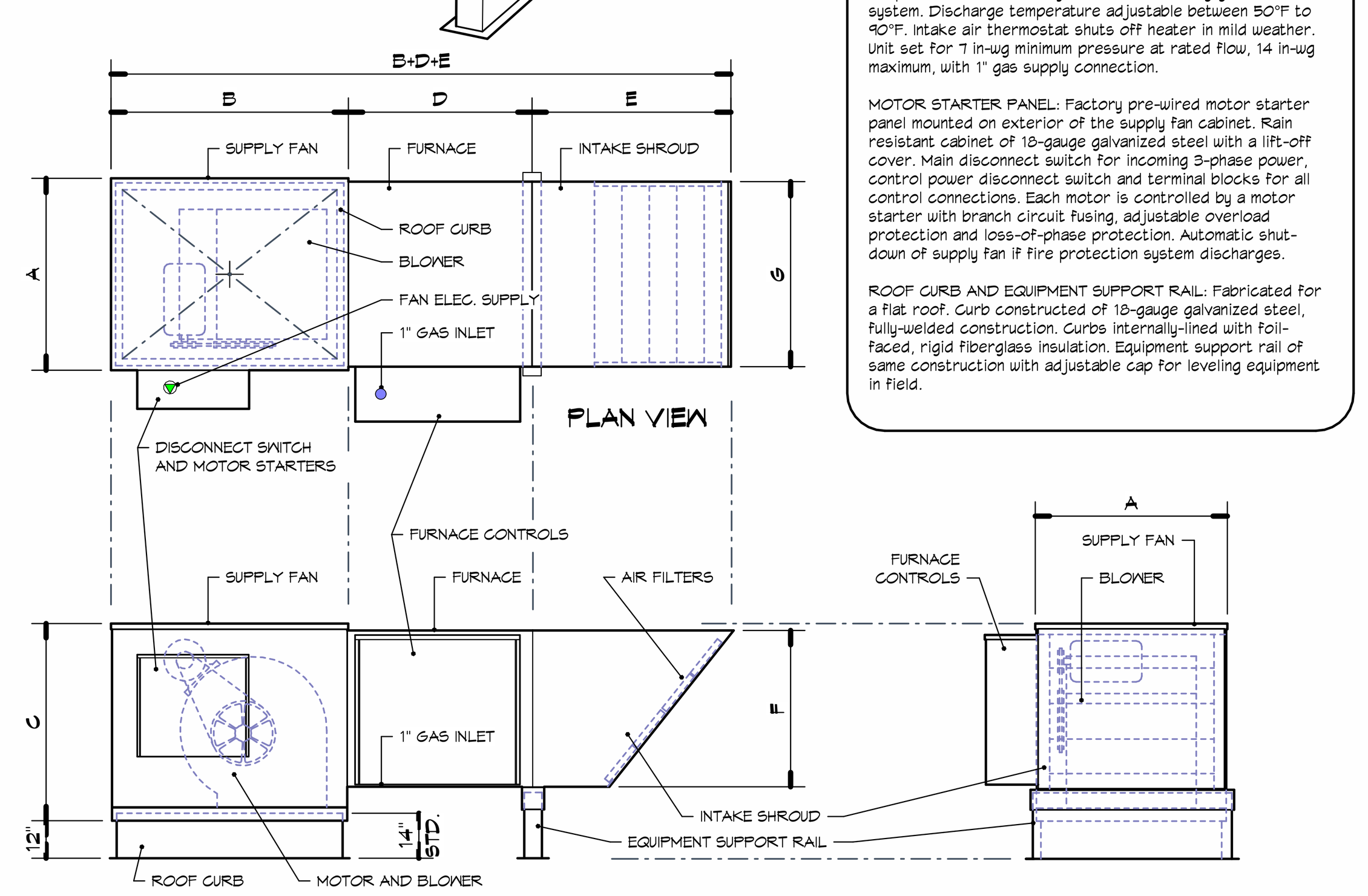
SPECIFICATIONS:

SUPPLY FAN: Master Air MA series, cabinet constructed of 18-gauge galvanized steel. Forward curved double width, double inlet blower wheel. Die stamped steel housing. 1" steel shaft with sealed ball bearings in rubber mountings. ODP-style motor on adjustable base plate. Belt drive, cast iron pulleys with adjustable drive. Motorized backdraft damper and washable aluminum filters.

DIRECT-FIRED GAS FURNACE: Master Air DFNP series, constructed to match supply fan. Entire make-up air unit is ETL Listed to ANSI Z83.4-1999 and Z83.4-2001 standards. Low emission, burner of cast aluminum with stainless steel mixing plates. Burner rated for 30:1 turndown ratio. Adjustable profile plate allows adjustment of airflow. All furnace controls are housed in a raintight cabinet with lift-off door. Burner ignition to be direct spark igniter. Burner operation controlled by solid state flame safety controller. Discharge temperature controlled by Maxitrol modulating gas valve system. Discharge temperature adjustable between 50°F to 90°F. Intake air thermostat shuts off heater in mild weather. Unit set for 7 in-wg minimum pressure at rated flow, 14 in-wg maximum, with 1" gas supply connection.

MOTOR STARTER PANEL: Factory pre-wired motor starter panel mounted on exterior of the supply fan cabinet. Rain resistant cabinet of 18-gauge galvanized steel with a lift-off cover. Main disconnect switch for incoming 3-phase power, control power disconnect switch and terminal blocks for all control connections. Each motor is controlled by a motor starter with branch circuit fusing, adjustable overload protection and loss-of-phase protection. Automatic shut-down of supply fan if fire protection system discharges.

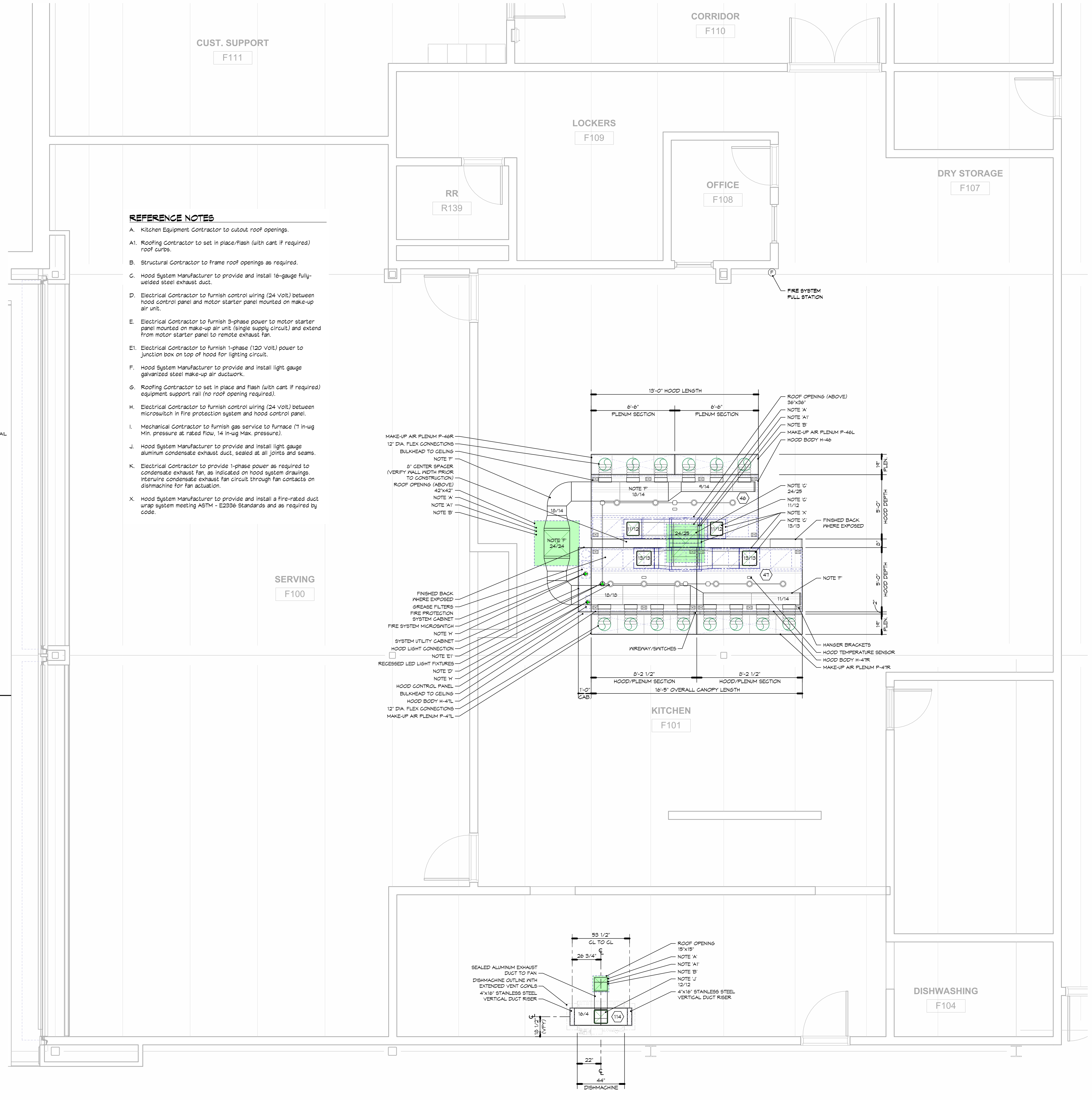
ROOF CURB AND EQUIPMENT SUPPORT RAIL: Fabricated for a flat roof. Curb constructed of 18-gauge galvanized steel, fully-welded construction. Curbs internally-lined with foil-faced, rigid fiberglass insulation. Equipment support rail of same construction with adjustable cap for leveling equipment in field.



FAN/FURNACE SERIES	A	B	C	D	E	F	G	FAN WEIGHT	FURNACE WEIGHT	CURB/RAIL WEIGHT	TOTAL UNIT WEIGHT
MA18/DFNP18	46"	46"	47.75"	44"	42"	36.25"	40"	471 lb	205 lb	67 lb	743 lb

SUPPLY FAN AND FURNACE DETAIL (S-46, F-46)

NO SCALE



REFERENCE NOTES

A. Kitchen Equipment Contractor to cutout roof openings.

A1. Roofing Contractor to set in place/flash (with cant if required) roof curbs.

B. Structural Contractor to frame roof openings as required.

C. Hood System Manufacturer to provide and install 16-gauge fully-welded steel exhaust duct.

D. Electrical Contractor to furnish control wiring (24 Volt) between hood control panel and motor starter panel mounted on make-up air unit.

E. Electrical Contractor to furnish 3-phase power to motor starter panel mounted on make-up air unit (single supply circuit) and extend from motor starter panel to remote exhaust fan.

E1. Electrical Contractor to furnish 1-phase (120 Volt) power to junction box on top of hood for lighting circuit.

F. Hood System Manufacturer to provide and install light gauge galvanized steel make-up air ductwork.

G. Roofing Contractor to set in place and flash (with cant if required) equipment support rail (no roof opening required).

H. Electrical Contractor to furnish control wiring (24 Volt) between microswitch in fire protection system and hood control panel.

I. Mechanical Contractor to furnish gas service to furnace (7 in-wg Min. pressure at rated flow, 14 in-wg Max. pressure).

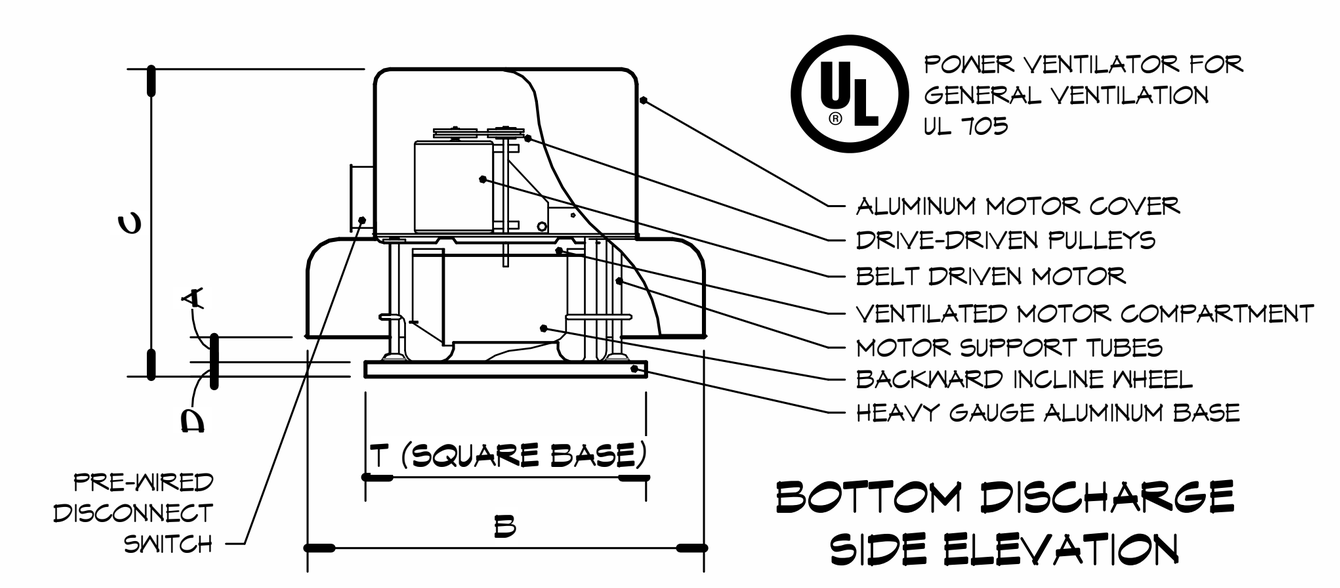
J. Hood System Manufacturer to provide and install light gauge aluminum condensate exhaust duct, sealed at all joints and seams.

K. Electrical Contractor to provide 1-phase power as required to condensate exhaust fan, as indicated on hood system drawings. Interwire condensate exhaust fan circuit through fan contacts on dishmachine for fan actuation.

X. Hood System Manufacturer to provide and install a fire-rated duct wrap system meeting ASTM - E2336 Standards and as required by code.

FIRST FLOOR REFLECTED FOODSERVICE EXHAUST SYSTEM PLAN

SCALE: 1/4" = 1'-0"



Motor compartment to be provided with forced air cooling.

All aluminum wheel shall be centrifugal backward inclined airfoil blades.

Spun aluminum corrosion resistant housing, mounted on a heavy duty steel substructure.

Provide gravity-operated backdraft damper.

Belt-driven motor with permanently lubricated sealed ball bearings, mounted inside motor compartment outside air stream.

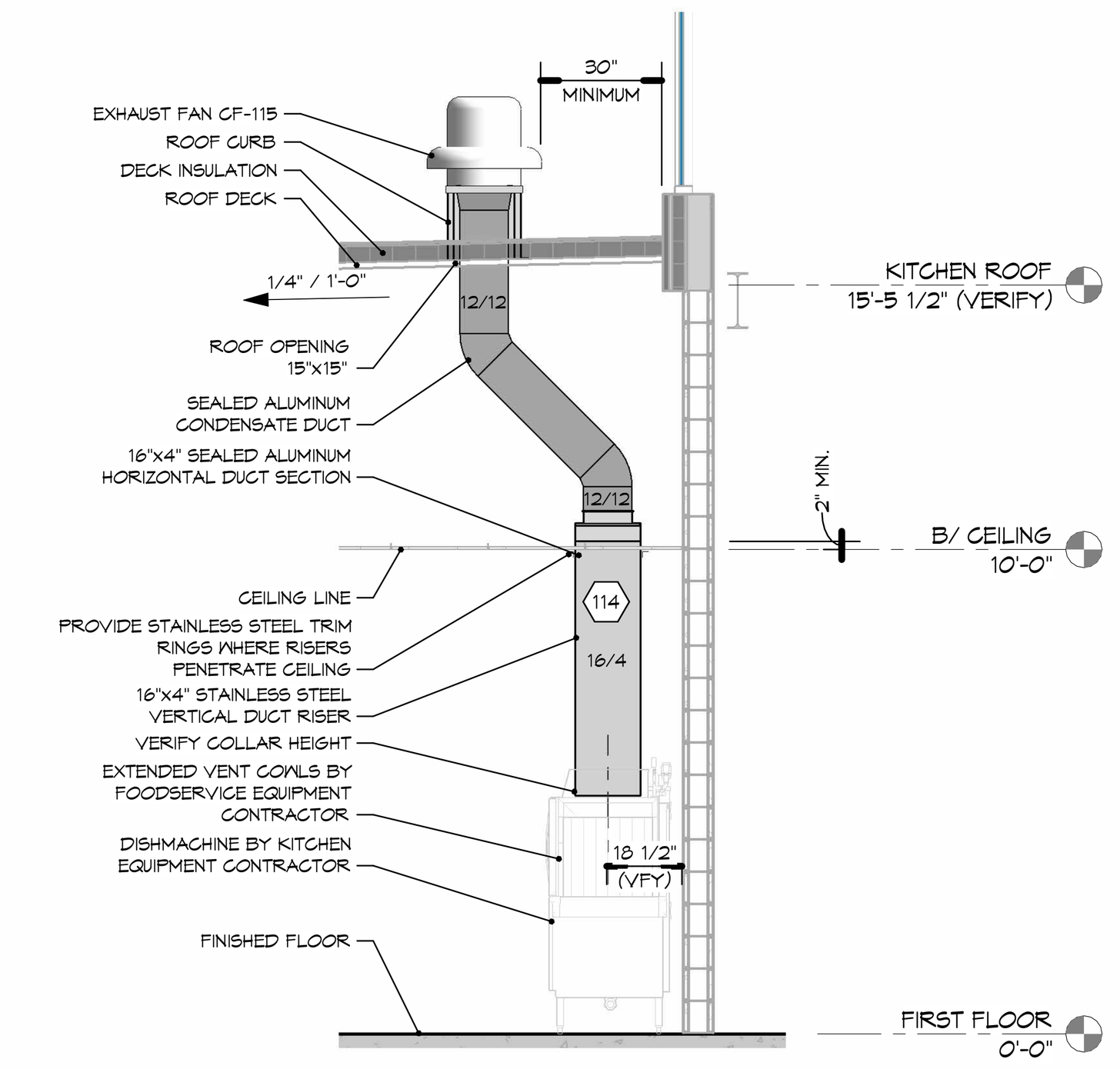
An integral conduit chase shall be provided through the curb cap and into motor compartment to facilitate wiring connections.

Unit to be as per Greenheck GB Series.

MODEL	WHEEL SIZE	A	B	C	D	T	WEIGHT
GB-131-5	13"	4.313"	28.406"	23.75"	1.75"	19"x19"	75 lb

CONDENSATE EXHAUST FAN DETAIL (CF-115)

NO SCALE



CONDENSATE RISER SYSTEM SECTION (ITEM #114)

SCALE: 1/4" = 1'-0"

FAN NO.	HOOD SERVED	ROOF OPENING	FAN TYPE	MFR.	MODEL	CFM	STATIC PRESS.	WEIGHT	MOTOR SIZE	VOLTAGE/ PHASE
EF-46	H-46,H-47	36"x36"	EXHAUST	GREENHECK	CUBE-300	7,585	1.25 in-wg	252 lb	5 hp	480/60/3
S-46	H-46,H-47	42"x42"	SUPPLY	MASTER AIR	MA18	6,068	1.50 in-wg	743 lb	5 hp	480/60/3
CF-115	DW-114	15"x15"	EXHAUST	GREENHECK	GB-131-5	1,200	0.75 in-wg	75 lb	0.5 hp	120/60/1
FAN TOTALS:								1,070 lb		

FURNACE	MFR.	MODEL	TYPE	INPUT BTU	CONTROL CIRCUIT	UNIT WEIGHT
F-46	MASTER AIR	DFNP18	DIRECT	448,393	120/60/1	205 lb

HOOD	HOOD SIZE	WEIGHT	EXHAUST AIR: EXHAUST AIR VOLUME	EXHAUST DUCT SIZE	EXHAUST DUCT VELOCITY	EXHAUST S.P.
H-46	13'-0"x5'-0"	390 lb	3,355 CFM	(2) 11"x12"	1,830 FPM	0.63 in-wg
H-47L	8'-2 1/2"x5'-0"	246 lb	2,115 CFM	(1) 13"x13"	1,802 FPM	0.63 in-wg
H-47R	8'-2 1/2"x5'-0"	246 lb	2,115 CFM	(1) 13"x13"	1,802 FPM	0.63 in-wg
DW-114	4"x1'-4"	75 lb	1,200 CFM	(1) 12"x12"	1,200 FPM	0.38 in-wg
EXHAUST HOOD TOTALS:		958 lb	8,785 CFM			

PLENUM	HOOD SERVED	PLENUM SIZE	WEIGHT	SUPPLY AIR: SUPPLY AIR VOLUME	SUPPLY DUCT SIZE	SUPPLY DUCT VELOCITY	SUPPLY S.P.
P-46L	H-46	6'-6"x1'-7"	20 lb	1,342 CFM	(3) 12" DIA.	570 FPM	0.25 in-wg
P-46R	H-46	6'-6"x1'-7"	20 lb	1,342 CFM	(3) 12" DIA.	570 FPM	0.25 in-wg
P-47L	H-47L	8'-2 1/2"x1'-7"	25 lb	1,692 CFM	(4) 12" DIA.	539 FPM	0.25 in-wg
P-47R	H-47R	8'-2 1/2"x1'-7"	25 lb	1,692 CFM	(4) 12" DIA.	539 FPM	0.25 in-wg
SUPPLY PLENUM TOTALS:			88 lb	6,068 CFM			

SYSTEM TOTALS

EXHAUSTED AIR		7,585
TEMPERED SUPPLY AIR	(80%)	6,068
DISHMACHINE EXHAUSTED AIR		1,200
REQUIRED AIR THRU BUILDING SOURCES		2,717

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENNTENIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

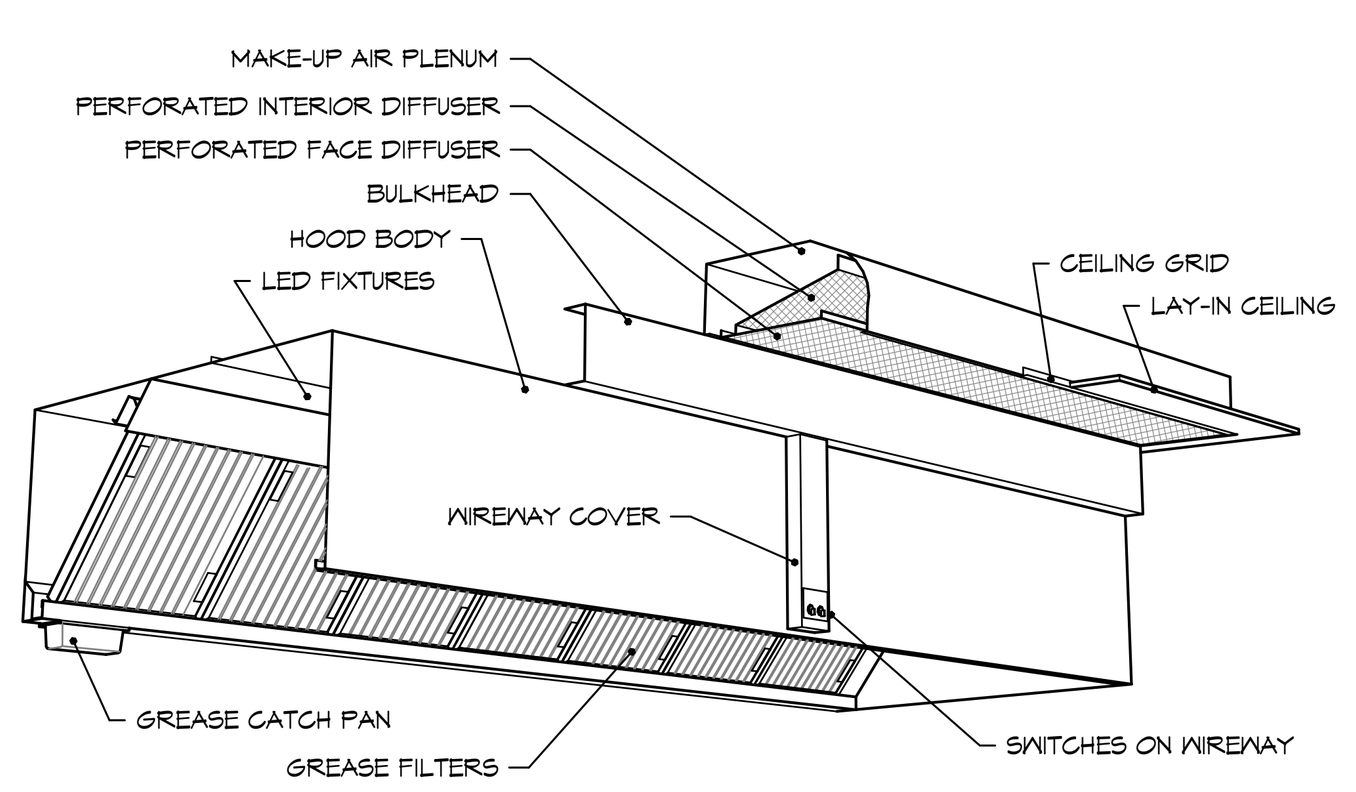
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MW	LC

DRAWING TITLE:
FOODSERVICE EXHAUST SYSTEM DETAILS

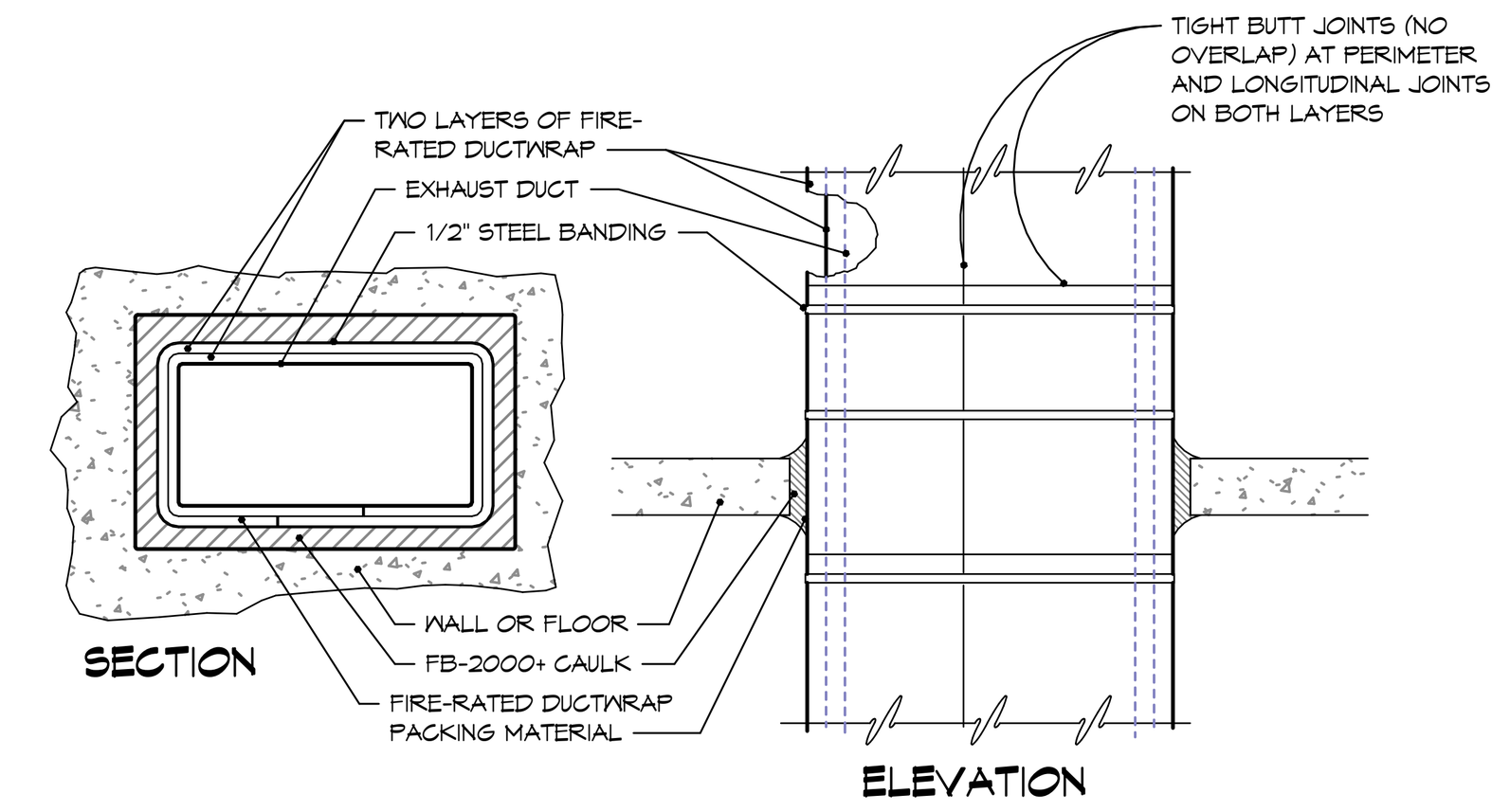
CERTIFIED BY:
FOODSERVICE CONSULTANTS SOCIETY INTERNATIONAL — FCSI — SCOTT REITANO — 9508151 — PROFESSIONAL MEMBER

DRAWING NUMBER
K500

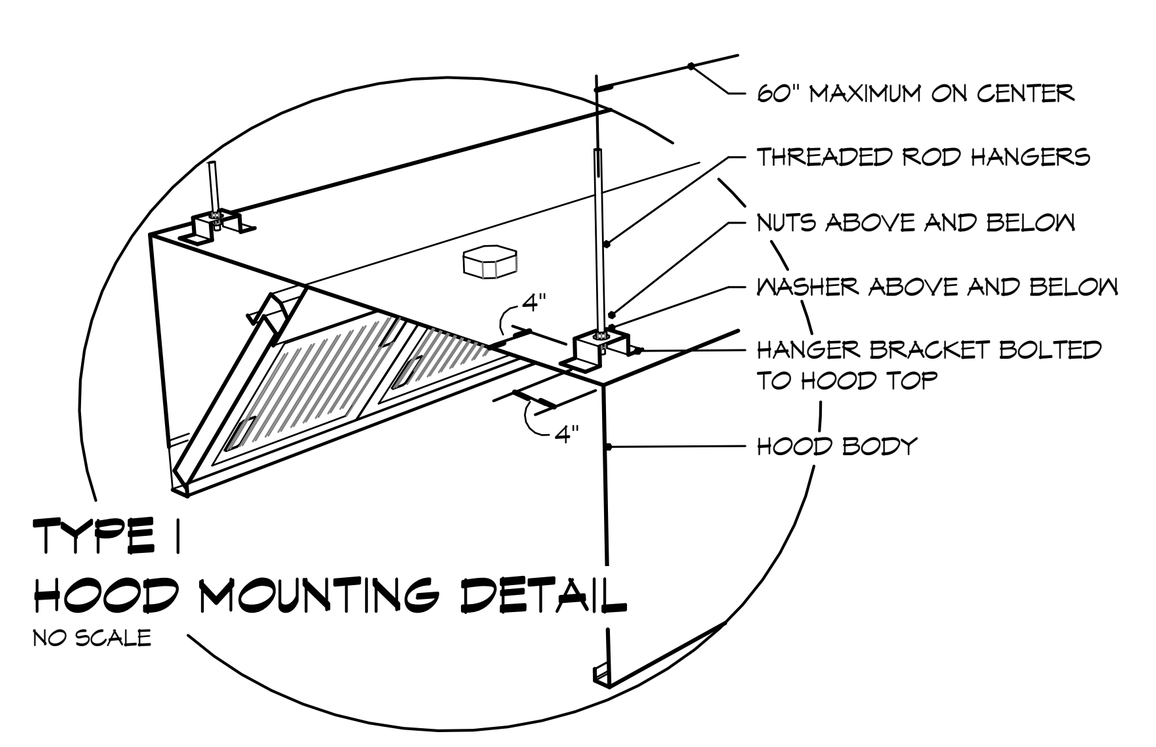
PROJECT NUMBER
2023061



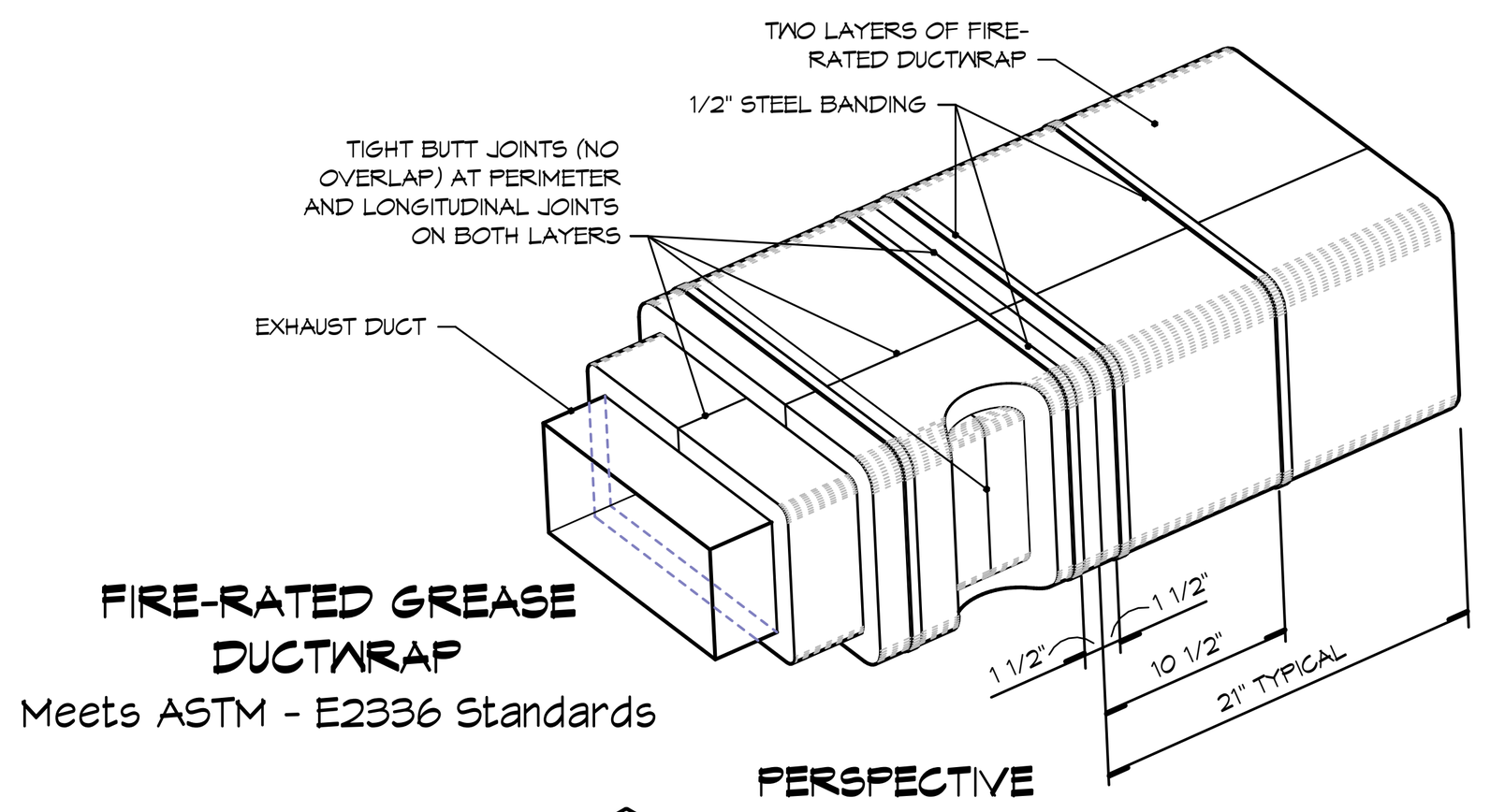
EH HOOD PERSPECTIVE
NO SCALE



FIRESTOP THROUGH WALL/FLOOR
NO SCALE

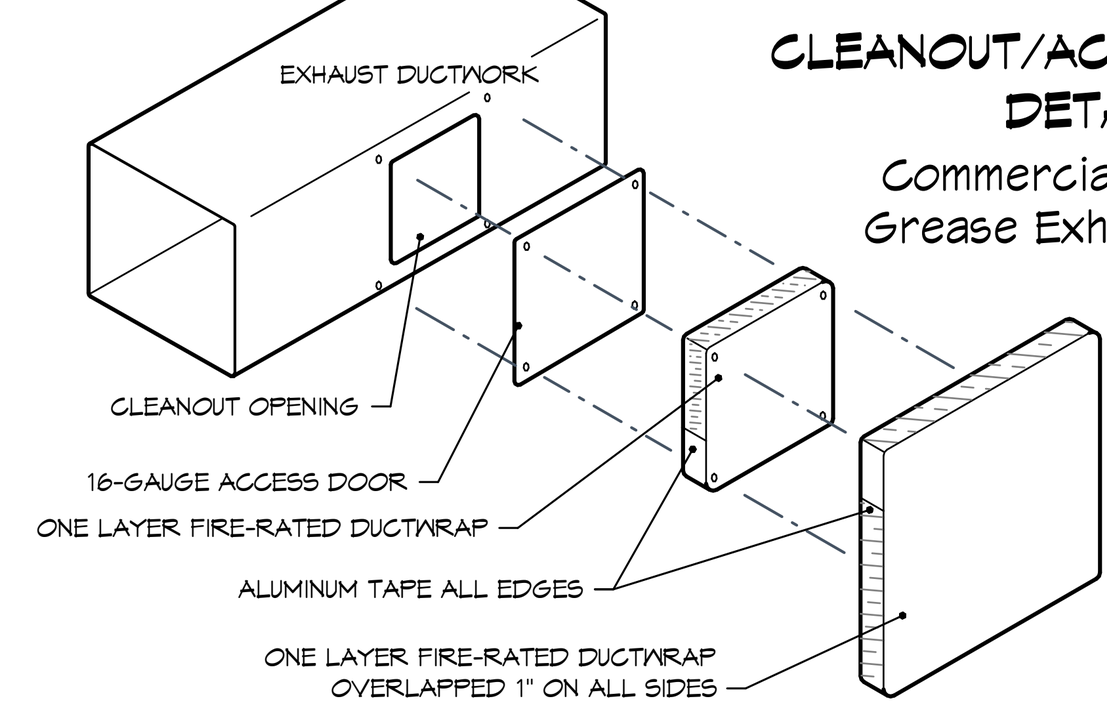


TYPE I HOOD MOUNTING DETAIL
NO SCALE

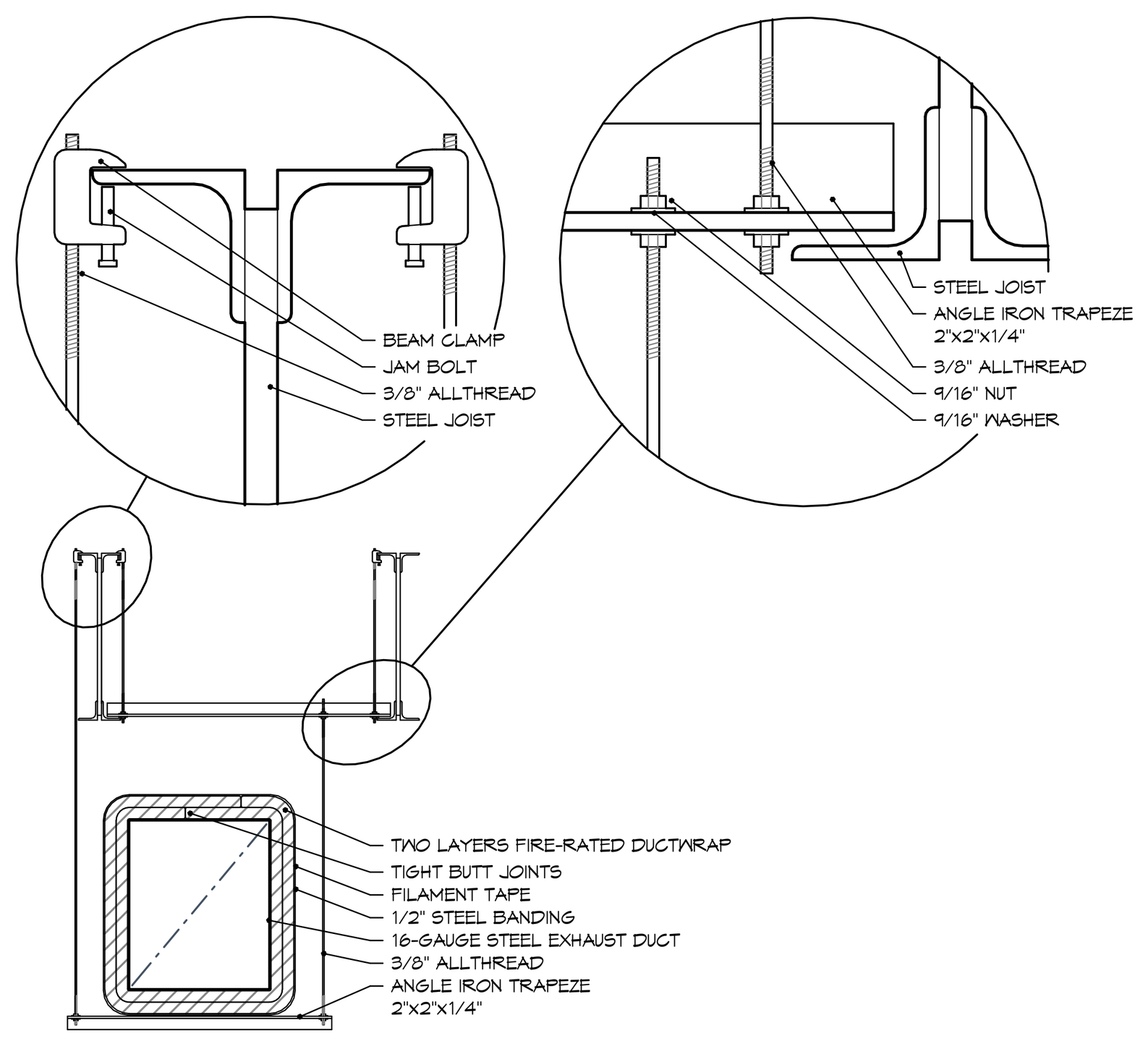


FIRE-RATED GREASE DUCTWRAP
Meets ASTM - E2336 Standards

CLEANOUT/ACCESS DOOR DETAIL
Commercial Kitchen Grease Exhaust Duct

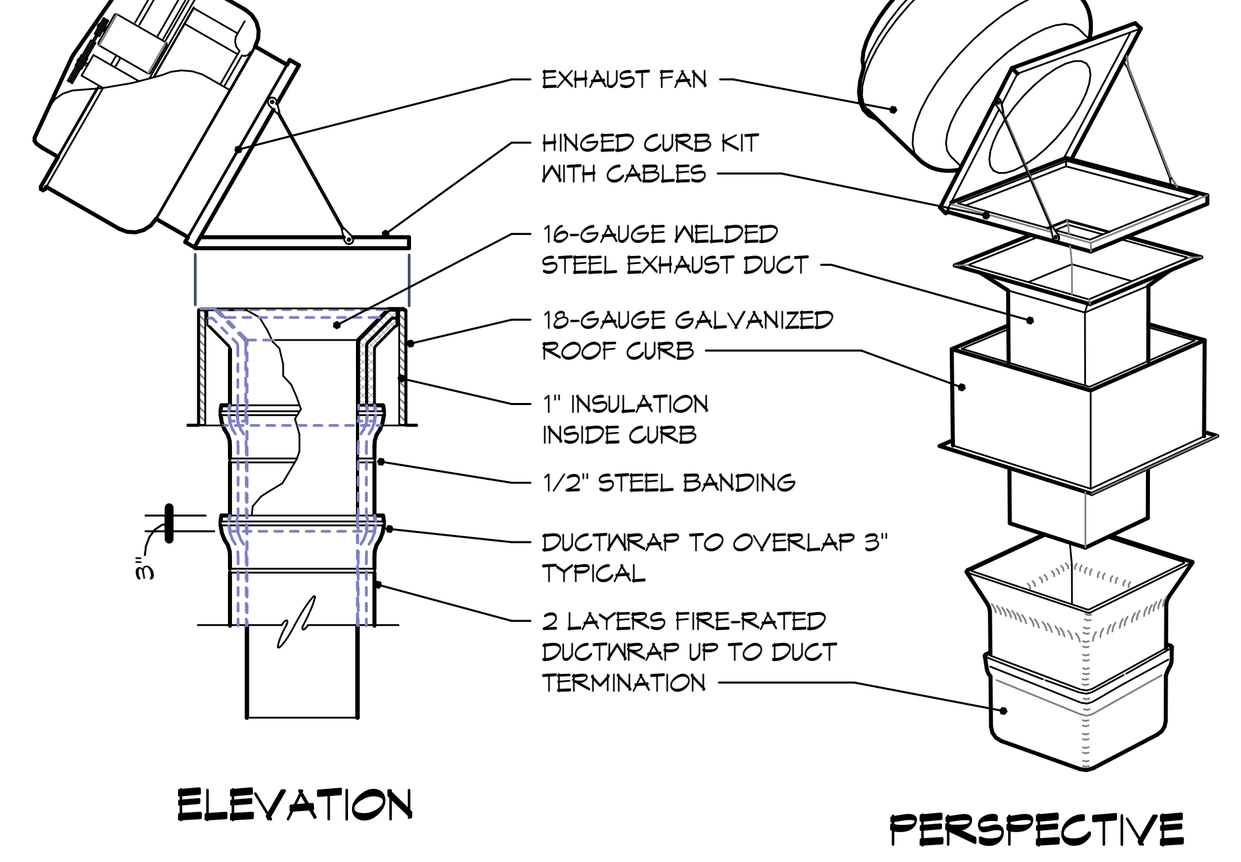


FIRE-RATED GREASE DUCTWRAP/ ACCESS DOOR DETAILS
NO SCALE

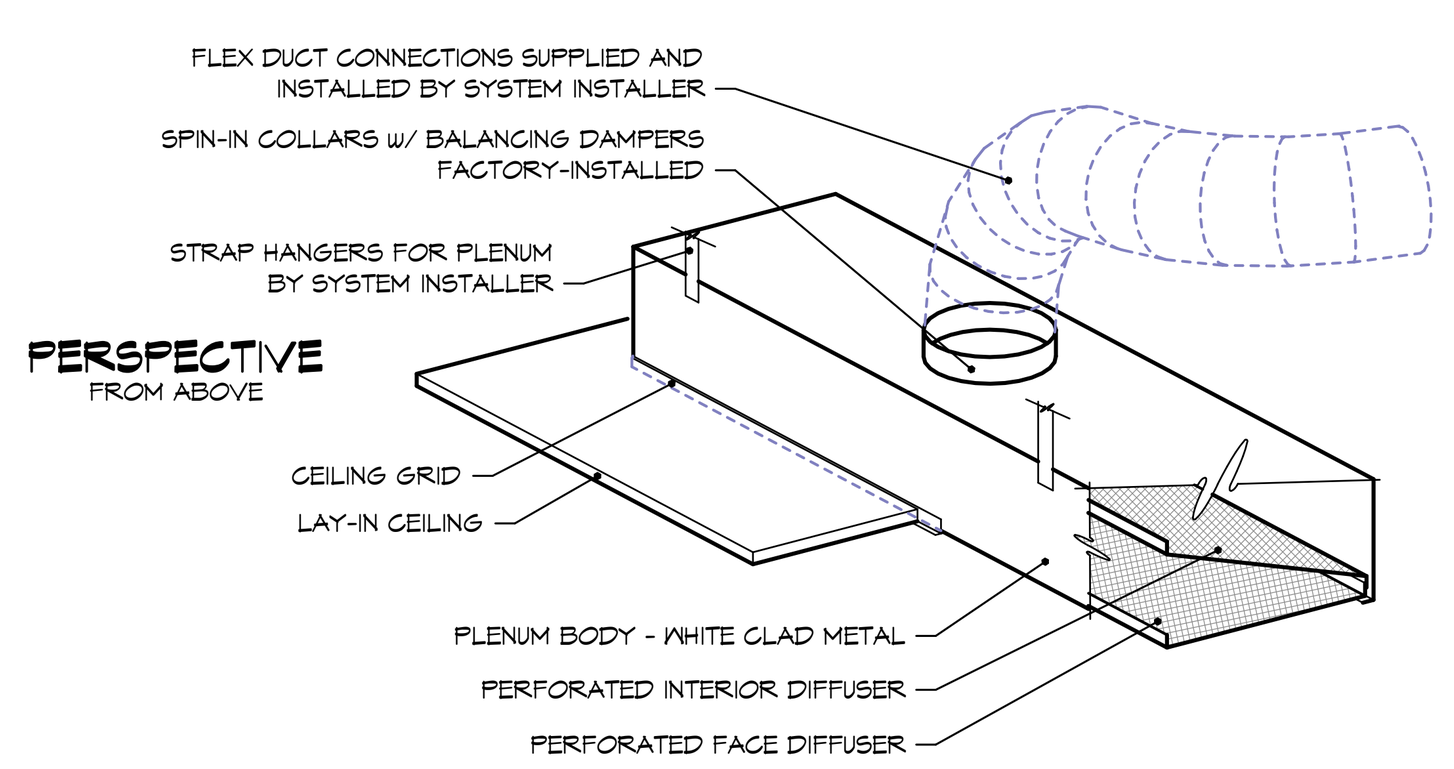


EXHAUST DUCT INSTALLATION DETAIL
NO SCALE

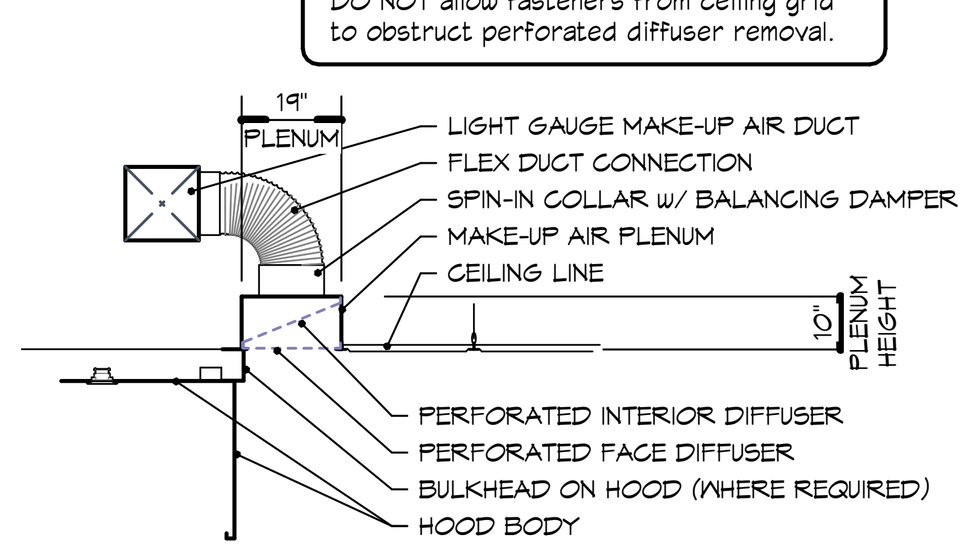
NOTE:
Hinge kit required on restaurant exhaust fans (UL 705 Listed - Supplement SC - formerly UL 762) only, to accommodate cleaning of duct.



HINGE KIT/FIRE WRAP TO TERMINATION DETAIL
NO SCALE

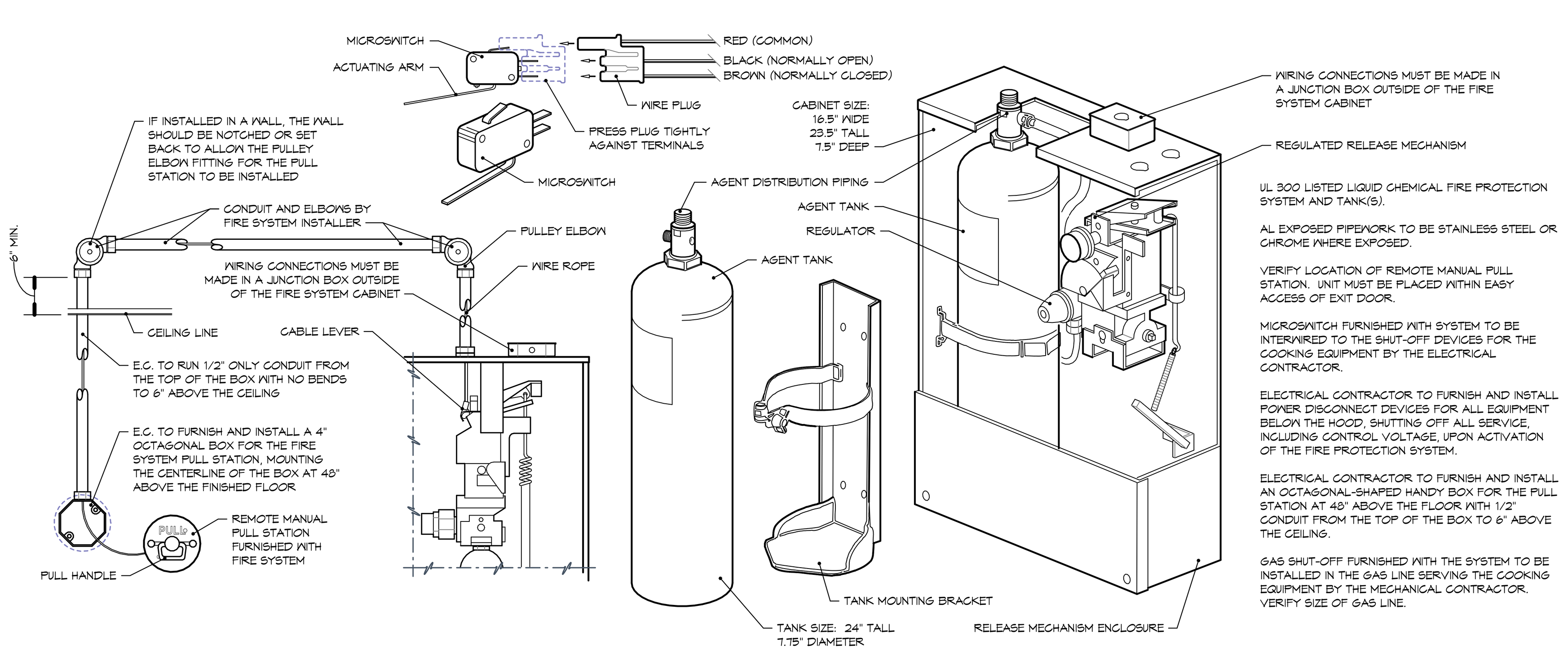


NOTE:
DO NOT allow fasteners from ceiling grid to obstruct perforated diffuser removal.



SECTION AT HOOD/PLENUM
NO SCALE

TYPICAL PLENUM INSTALLATION DETAIL
NO SCALE



UL 300 LISTED LIQUID CHEMICAL FIRE PROTECTION SYSTEM AND TANK(S).

AL EXPOSED PIPEWORK TO BE STAINLESS STEEL OR CHROME WHERE EXPOSED.

VERIFY LOCATION OF REMOTE MANUAL PULL STATION. UNIT MUST BE PLACED WITHIN EASY ACCESS OF EXIT DOOR.

MICROSWITCH FURNISHED WITH SYSTEM TO BE INTERWIRED TO THE SHUT-OFF DEVICES FOR THE COOKING EQUIPMENT BY THE ELECTRICAL CONTRACTOR.

ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL POWER DISCONNECT DEVICES FOR ALL EQUIPMENT BELOW THE HOOD, SHUTTING OFF ALL SERVICE, INCLUDING CONTROL VOLTAGE, UPON ACTIVATION OF THE FIRE PROTECTION SYSTEM.

ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL AN OCTAGONAL-SHAPED HANDY BOX FOR THE PULL STATION AT 48" ABOVE THE FLOOR WITH 1/2" CONDUIT FROM THE TOP OF THE BOX TO 6" ABOVE THE CEILING.

GAS SHUT-OFF FURNISHED WITH THE SYSTEM TO BE INSTALLED IN THE GAS LINE SERVING THE COOKING EQUIPMENT BY THE MECHANICAL CONTRACTOR. VERIFY SIZE OF GAS LINE.

ANSUL R-102 FIRE PROTECTION SYSTEM
NO SCALE

REFERENCE NOTES
A. Kitchen Equipment Contractor to cutout roof openings.

A1. Roofing Contractor to set in place/flash (with cant if required) roof curbs.

B. Structural Contractor to frame roof openings as required.

C. Hood System Manufacturer to provide and install 16-gauge fully-welded steel exhaust duct.

D. Electrical Contractor to furnish control wiring (24 Volt) between hood control panel and motor starter panel mounted on make-up air unit.

E. Electrical Contractor to furnish 3-phase power to motor starter panel mounted on make-up air unit (single supply circuit) and extend from motor starter panel to remote exhaust fan.

E1. Electrical Contractor to furnish 1-phase (120 Volt) power to junction box on top of hood for lighting circuit.

F. Hood System Manufacturer to provide and install light gauge galvanized steel make-up air ductwork.

G. Roofing Contractor to set in place and flash (with cant if required) equipment support rail (no roof opening required).

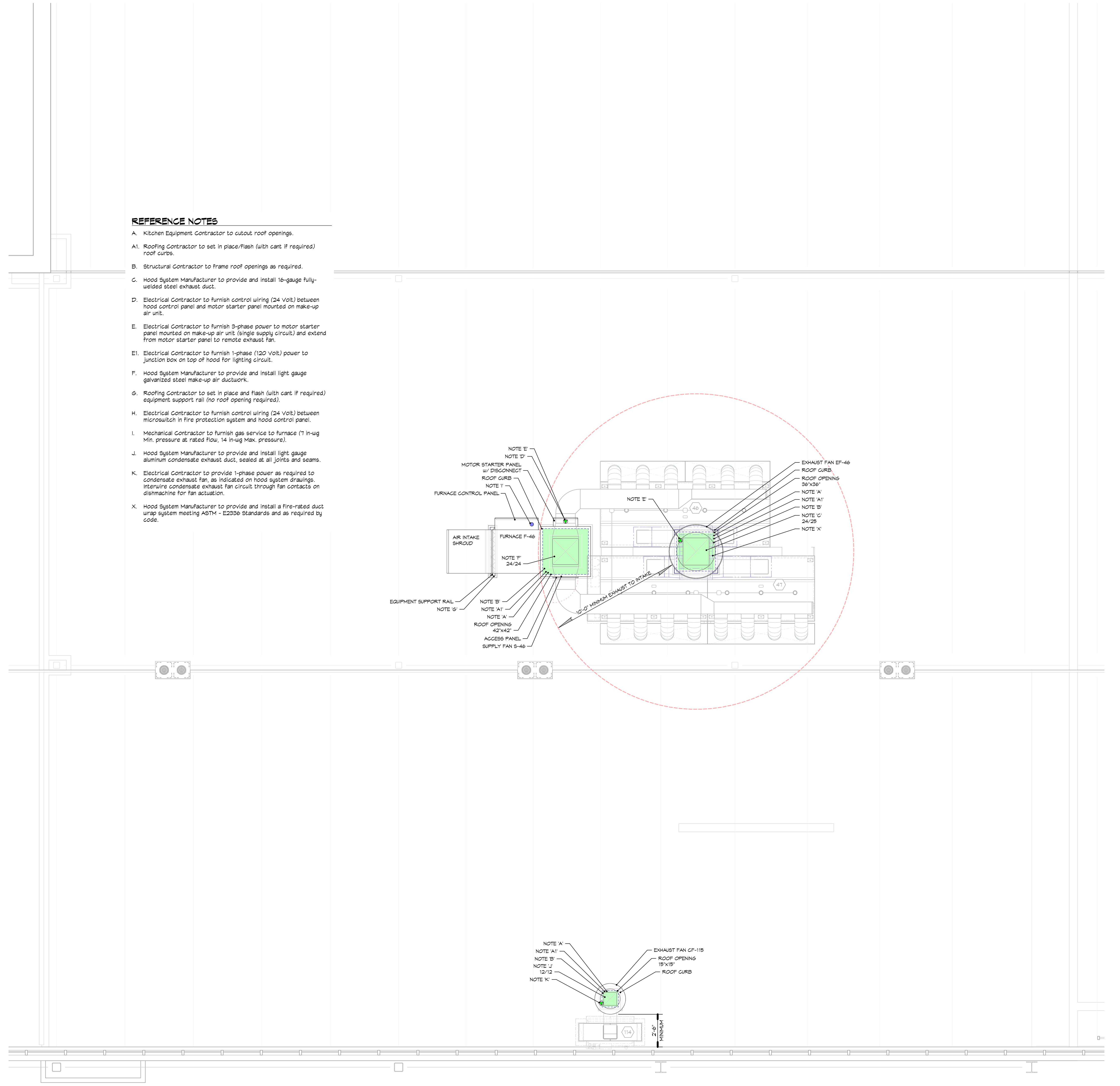
H. Electrical Contractor to furnish control wiring (24 Volt) between microswitch in fire protection system and hood control panel.

I. Mechanical Contractor to furnish gas service to furnace (7 in-wg Min. pressure at rated flow, 14 in-wg Max. pressure).

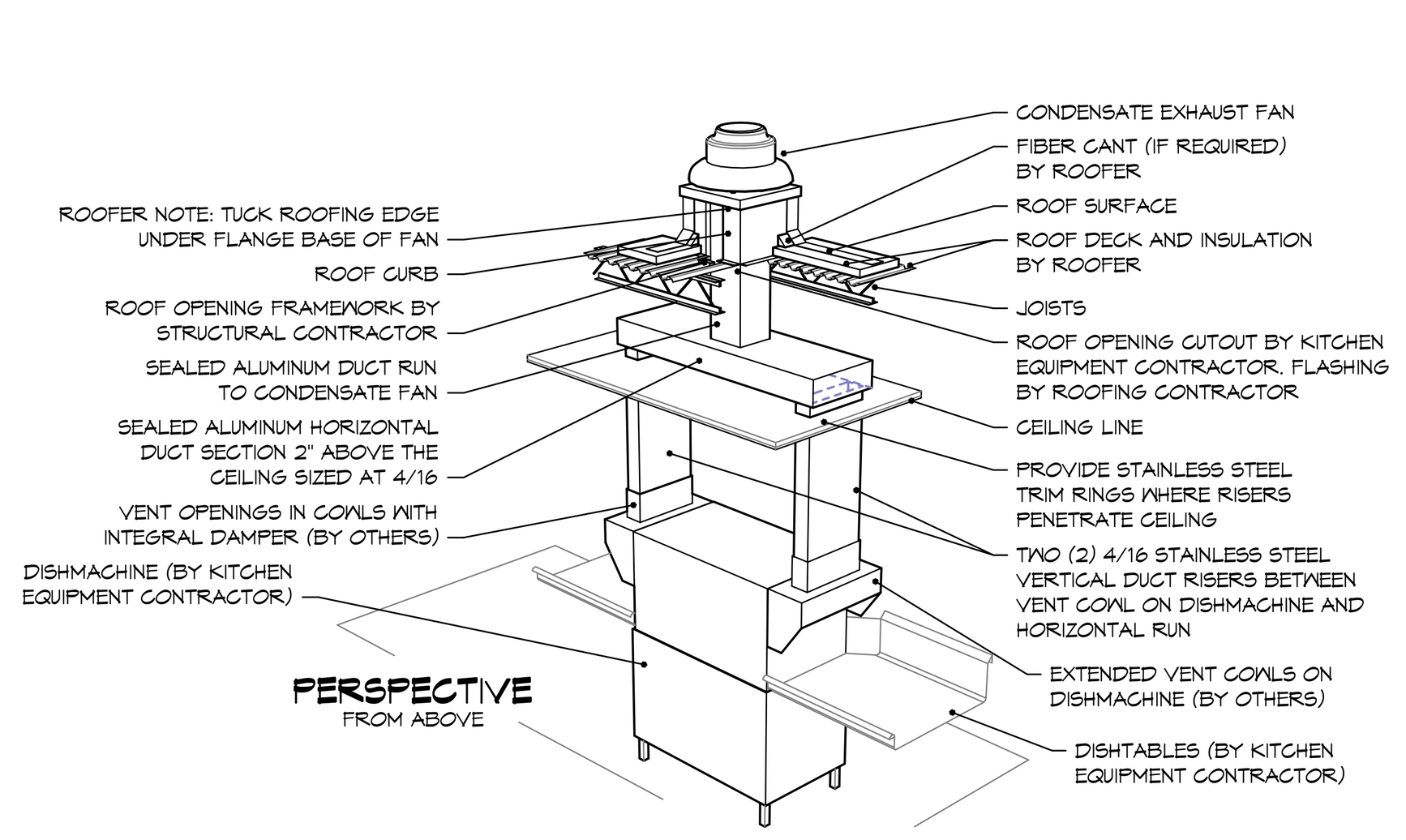
J. Hood System Manufacturer to provide and install light gauge aluminum condensate exhaust duct, sealed at all joints and seams.

K. Electrical Contractor to provide 1-phase power as required to condensate exhaust fan, as indicated on hood system drawings. Interwire condensate exhaust fan circuit through fan contacts on dishmachine for fan actuation.

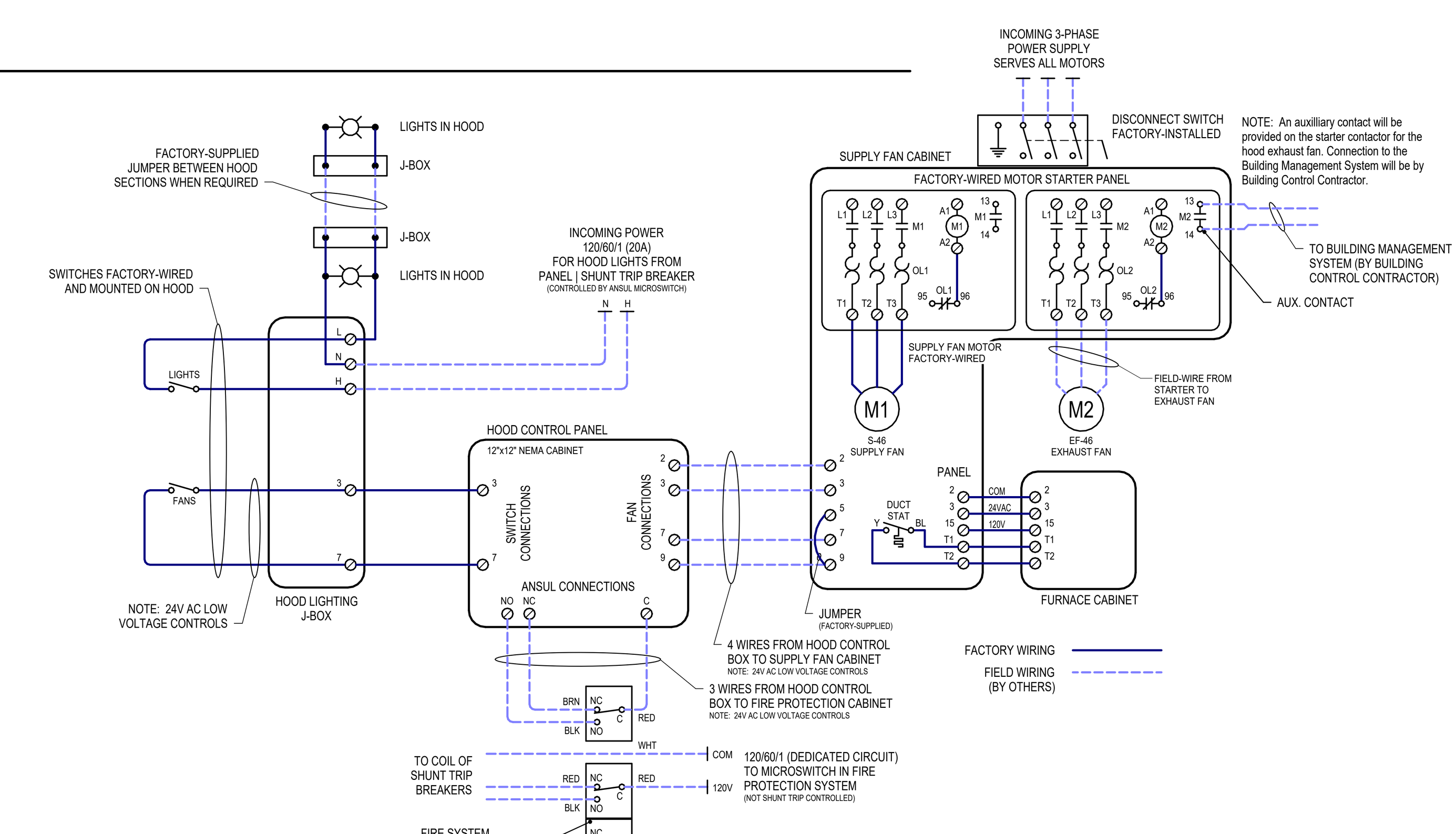
X. Hood System Manufacturer to provide and install a fire-rated duct wrap system meeting ASTM - E2336 Standards and as required by code.



KITCHEN ROOF FOODSERVICE EXHAUST SYSTEM PLAN
SCALE: 1/4" = 1'-0"



CONDENSATE EXHAUST DUCT RISER DETAIL
NO SCALE



WIRING DIAGRAM (ITEM #46)
NO SCALE

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PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENNTENIAL RD, WESTFIELD, IN 46074

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REVISIONS:

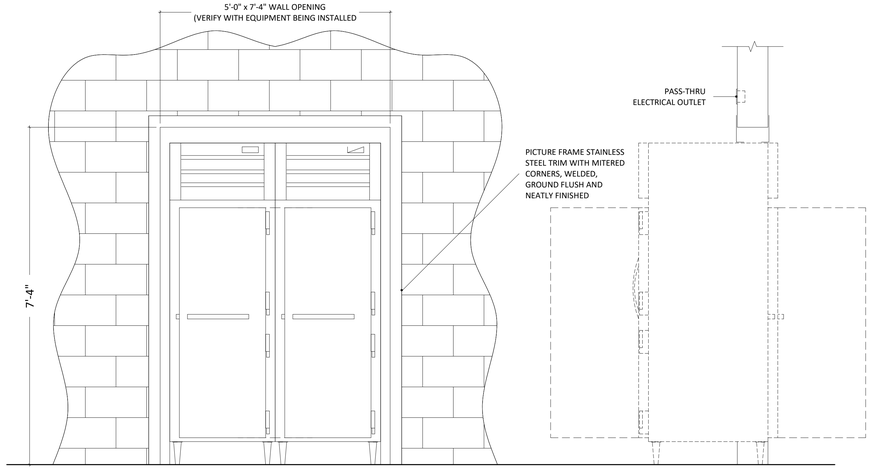
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MW	LC

DRAWING TITLE:
FOODSERVICE EXHAUST SYSTEM DETAILS

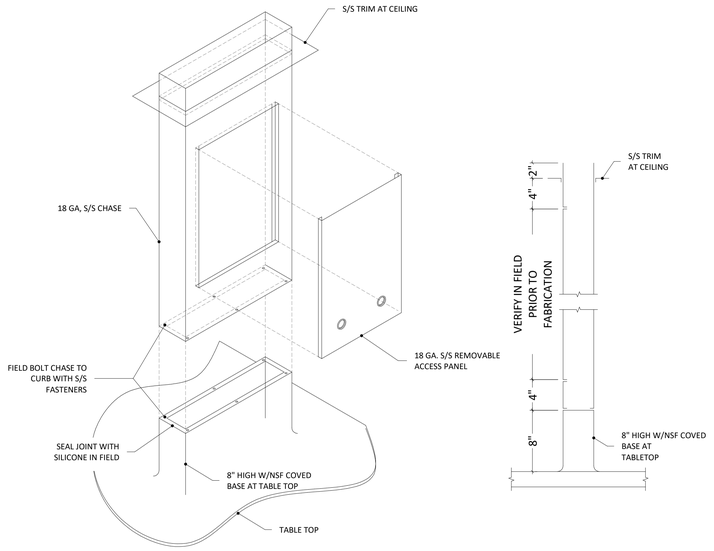
CERTIFIED BY:
FOODSERVICE CONSULTANTS SOCIETY INTERNATIONAL
SCOTT REITANO
FCSI
9508151
PROFESSIONAL MEMBER

DRAWING NUMBER
K501

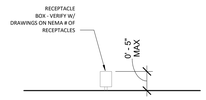
PROJECT NUMBER
2023061



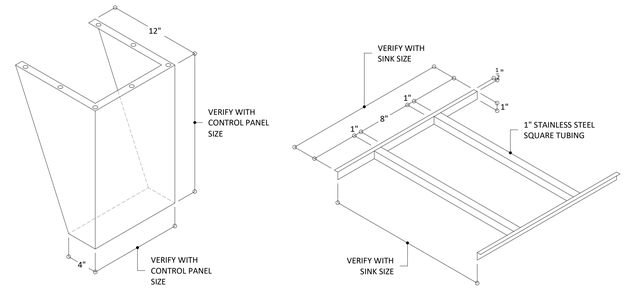
PASS-THRU CABINET WALL FRAMING DETAIL (TYPICAL)



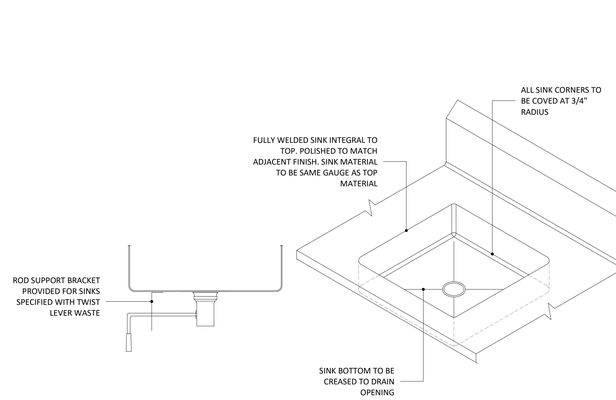
ISLAND TABLE CHASE CURB DETAIL (TYPICAL)



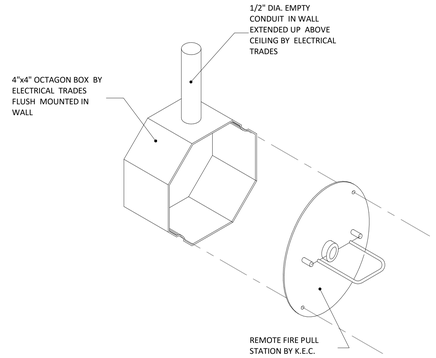
RECEPTACLE BOX

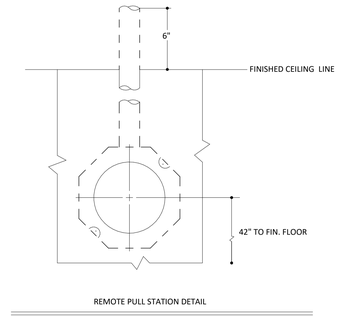


DISHTABLE ACCESSORY DETAIL



STAINLESS STEEL SINK CONSTRUCTION DETAIL

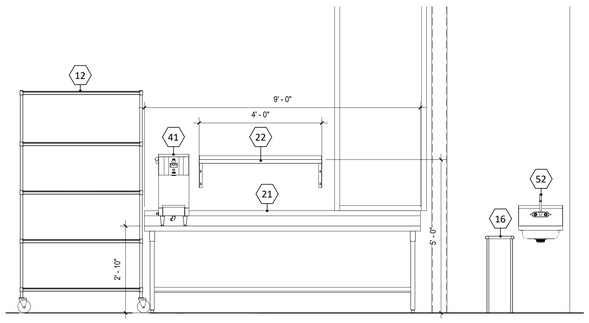




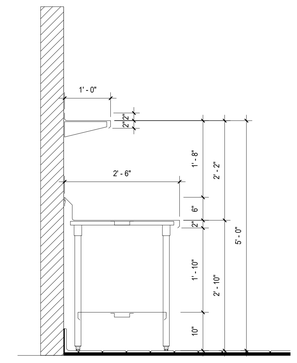
REMOTE PULL STATION DETAIL

NOTES: 4/0 BOX WITH 1/2 KO'S POSITIONED AS SHOWN WITH TABS IN UPPER RIGHT AND LOWER LEFT OF BOX. TO BE 42" ABOVE FINISHED FLOOR. 1/2" E.M.T. TO BE 6" ABOVE FINISHED DROP CEILING LINE WITHOUT BENDS OR OFFSETS. ONE 4/0 BOX TO BE PROVIDED FOR EACH REMOTE PULL STATION. WHEN TWO REMOTE BOXES ARE MOUNTED SIDE BY SIDE, THE DISTANCE BETWEEN CENTERS SHALL NOT BE LESS THAN 8".

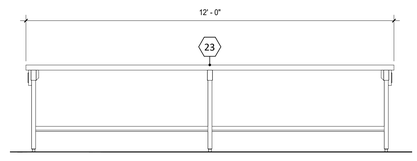
FIRE SUPPRESSION SYSTEM MANUAL PULL STATION



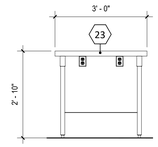
④ ITEM #21 - WORKTABLE
1/2" = 1'-0"



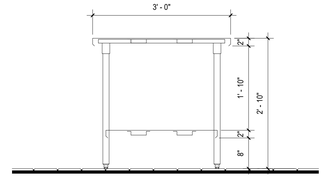
⑥ SECTION @ ITEM #21 - WORKTABLE
3/4" = 1'-0"



⑧ ITEM #23 - ISLAND WORKTABLE SIDE VIEW
1/2" = 1'-0"



⑩ ITEM #23 - ISLAND WORKTABLE FRONT VIEW
1/2" = 1'-0"



⑪ SECTION @ ITEM #23 - ISLAND WORKTABLE
3/4" = 1'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENNTENIAL RD, WESTFIELD, IN 46074

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REVISIONS:

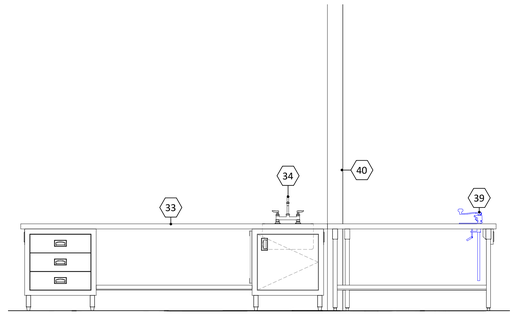
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MW	LC

DRAWING TITLE:
FOODSERVICE DETAILS, ELEVATIONS & SECTIONS

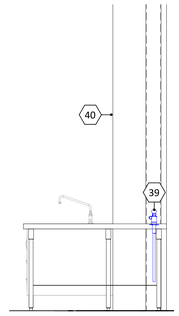
CERTIFIED BY:
SCOTT BETTANO
FOODSERVICE CONSULTANTS SOCIETY INTERNATIONAL
FCSI 95098151
PROFESSIONAL MEMBER

DRAWING NUMBER
K600

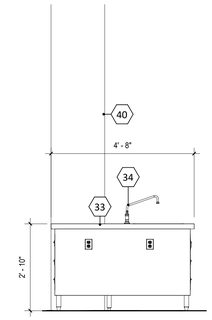
PROJECT NUMBER
2023061



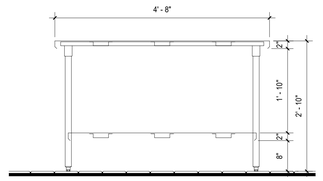
1 ITEM #25 & 33 - ISLAND WORKTABLE & ISLAND WORKTABLE W/PREP SINK
1/2" = 1'-0"



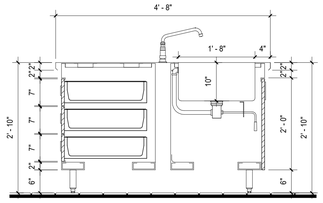
2 ITEM #25 - ISLAND WORKTABLE SIDE VIEW
1/2" = 1'-0"



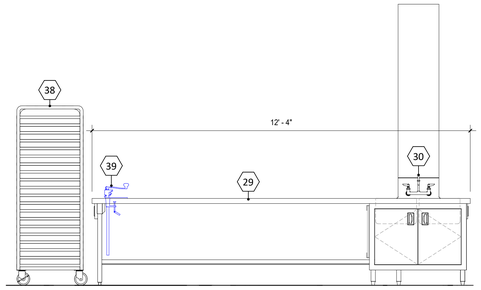
3 ITEM #33 - ISLAND WORKTABLE W/PREP SINK SIDE VIEW
1/2" = 1'-0"



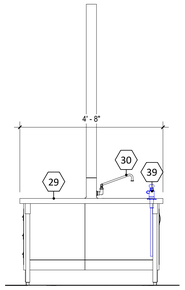
4 SECTION @ ITEM #25 - ISLAND WORKTABLE
3/4" = 1'-0"



5 SECTION @ ITEM #33 - ISLAND WORKTABLE W/PREP SINK
3/4" = 1'-0"



6 ITEM #29 - ISLAND WORKTABLE W/2 COMP PREP SINK FRONT VIEW
1/2" = 1'-0"



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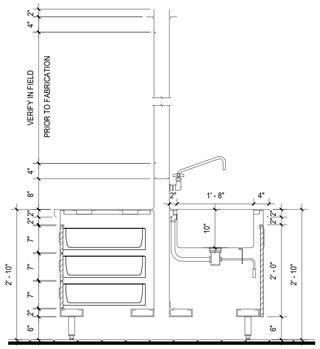
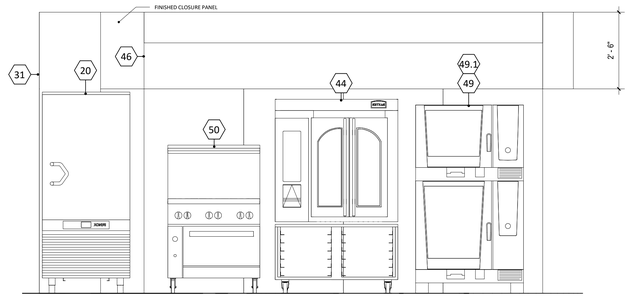
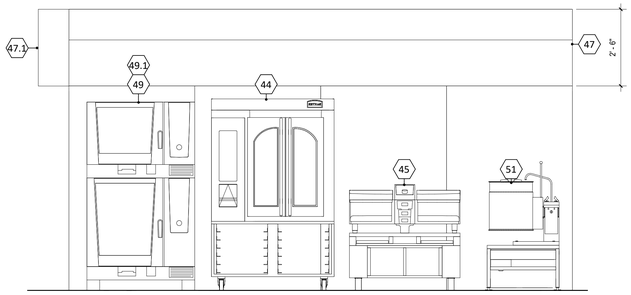


8 SECTION @ ITEM #29 - ISLAND WORKTABLE W/2 COMP PREP SINK
3/4" = 1'-0"



9 ITEM #46 - EXHAUST HOOD
1/2" = 1'-0"



10 ITEM #47 - EXHAUST HOOD
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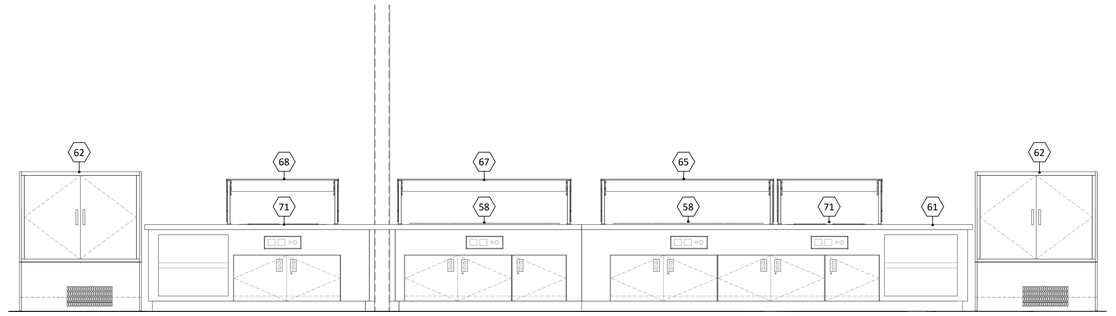
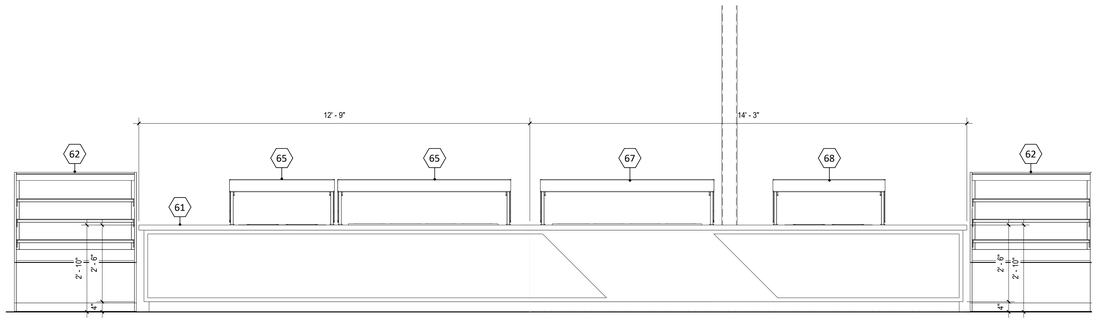
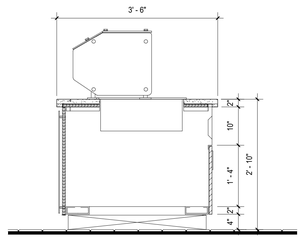


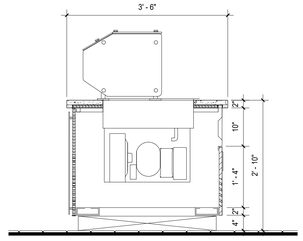
11 ITEM #61, 66, & 69 - SERVING COUNTER BACK VIEW
1/2" = 1'-0"



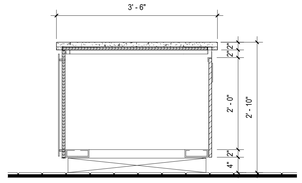
12 ITEM #61, 66, & 69 - SERVING COUNTER FRONT VIEW
1/2" = 1'-0"



13 SECTION A @ ITEM #61 SERVING COUNTER
3/4" = 1'-0"



14 SECTION B @ ITEM #61 - SERVING COUNTER
3/4" = 1'-0"



15 SECTION C @ ITEM #61 - SERVING COUNTER
3/4" = 1'-0"

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08/09/24	MW	LC

DRAWING TITLE:
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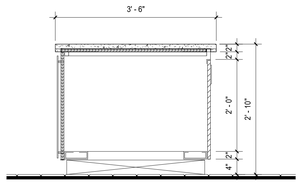
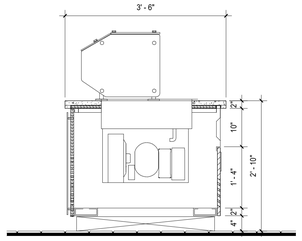
CERTIFIED BY:
FOODSERVICE CONSULTANTS SOCIETY INTERNATIONAL
SCOTT REITANO
FCSI 950131
PROFESSIONAL MEMBER

DRAWING NUMBER
K601

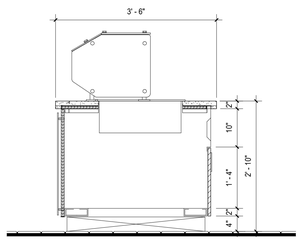
PROJECT NUMBER
2023061



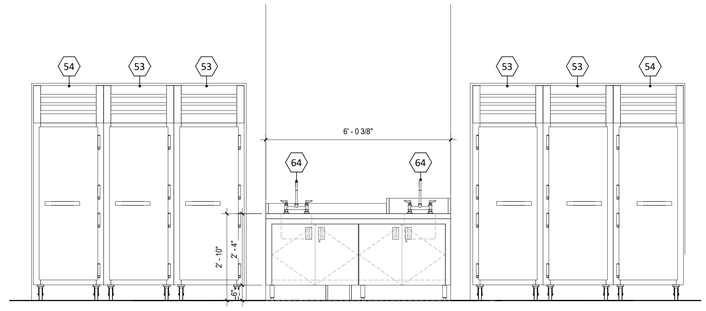
1 SECTION A @ ITEM #66 - SERVING COUNTER
3/4" = 1'-0"



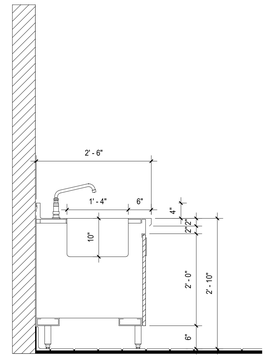
2 SECTION B @ ITEM #66 - SERVING COUNTER
3/4" = 1'-0"



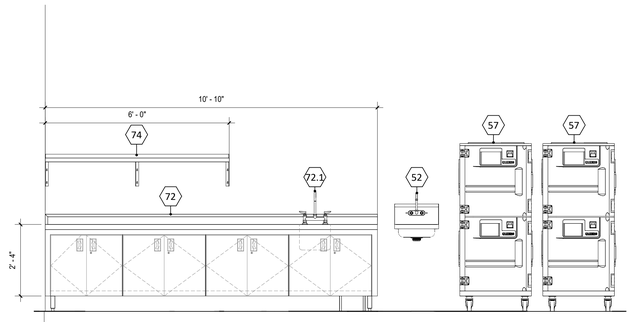
3 SECTION @ ITEM #69 - SERVING COUNTER
3/4" = 1'-0"



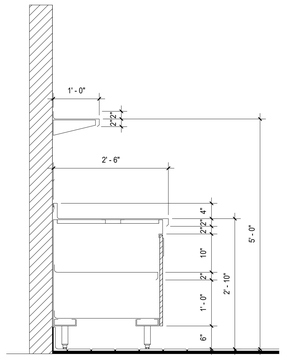
4 ITEM #63 - BACK COUNTER
1/2" = 1'-0"



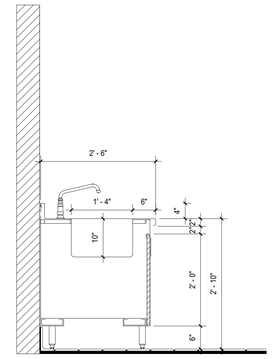
5 SECTION @ ITEM #63 - BACK COUNTER
3/4" = 1'-0"



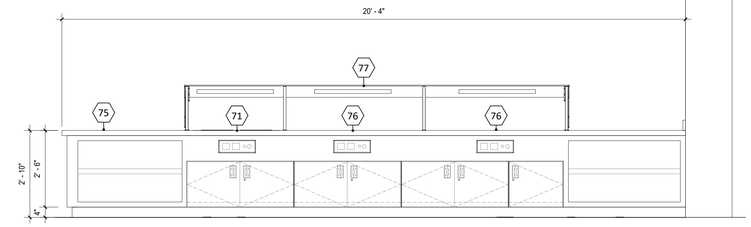
6 ITEM #72 - WORK COUNTER W/ DUMP SINK
1/2" = 1'-0"



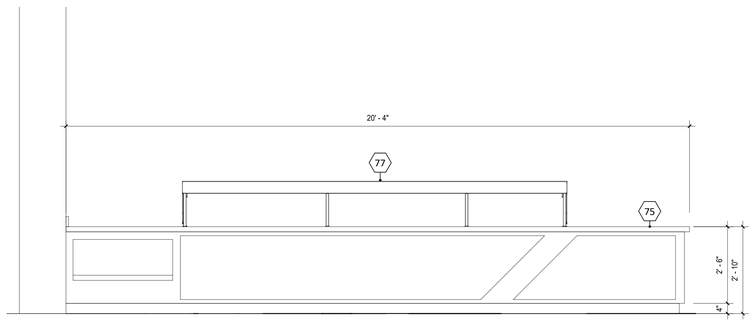
7 SECTION A @ ITEM #72 - WORK COUNTER W/ DUMP SINK
3/4" = 1'-0"



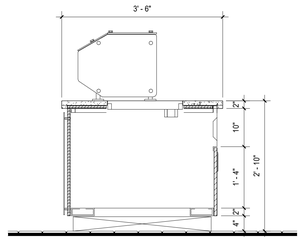
8 SECTION B @ ITEM #72 - WORK COUNTER W/ DUMP SINK
3/4" = 1'-0"



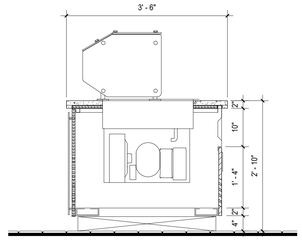
9 ITEM #75 - PIZZA SERVING COUNTER BACK VIEW
1/2" = 1'-0"



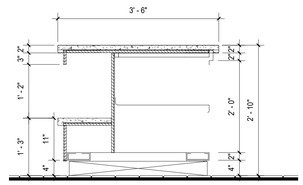
10 ITEM #75 - PIZZA SERVING COUNTER FRONT VIEW
1/2" = 1'-0"



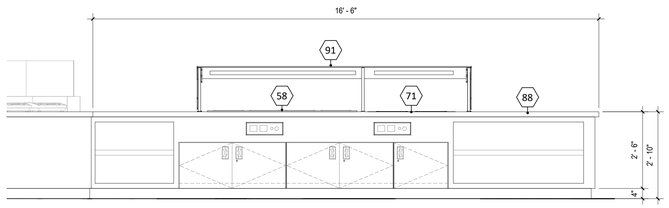
11 SECTION A @ ITEM #75 - PIZZA SERVING COUNTER
3/4" = 1'-0"



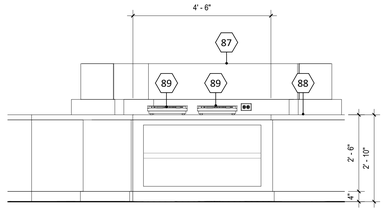
12 SECTION B @ ITEM #75 - PIZZA SERVING COUNTER
3/4" = 1'-0"



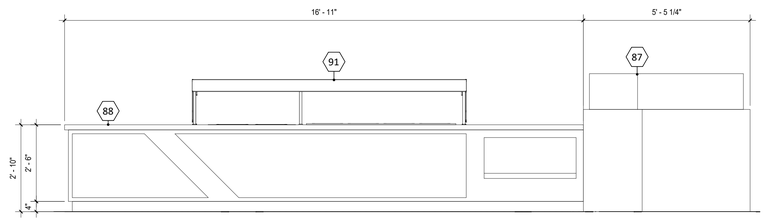
13 SECTION C @ ITEM #75 - PIZZA SERVING COUNTER
3/4" = 1'-0"



14 ITEM #88 - SERVING COUNTER WITH ACTION STATION BACK VIEW A
1/2" = 1'-0"



15 ITEM #88 - SERVING COUNTER WITH ACTION STATION BACK VIEW B
1/2" = 1'-0"



16 ITEM #88 - SERVING COUNTER WITH ACTION STATION FRONT VIEW A
1/2" = 1'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENNTENIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. They are not intended to be construction documents. Describe all work required for full performance and completion of the requirements of the Contract.
The Trade Contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

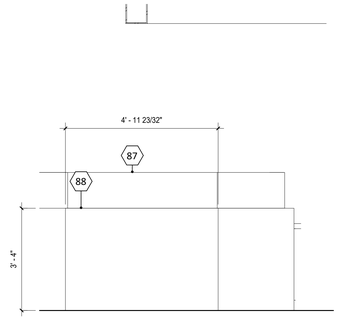
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MW	LC

DRAWING TITLE:
FOODSERVICE DETAILS, ELEVATIONS & SECTIONS

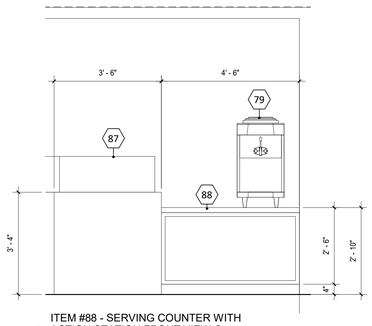
CERTIFIED BY:
FOODSERVICE CONSULTANTS SOCIETY INTERNATIONAL
SCOTT J. DEYOUNG
FCSI 9508151
PROFESSIONAL MEMBER

DRAWING NUMBER
K602

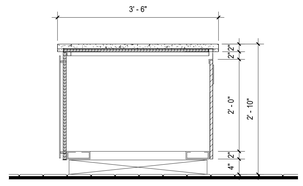
PROJECT NUMBER
2023061



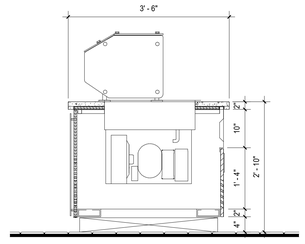
ITEM #88 - SERVING COUNTER WITH ACTION STATION FRONT VIEW B
1/2" = 1'-0"



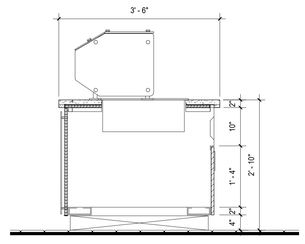
ITEM #88 - SERVING COUNTER WITH ACTION STATION FRONT VIEW C
1/2" = 1'-0"



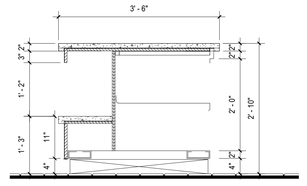
SECTION A @ ITEM #88 - SERVING COUNTER WITH ACTION STATION
3/4" = 1'-0"



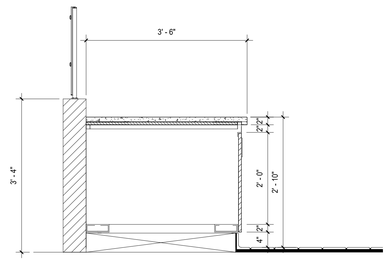
SECTION B @ ITEM #88 - SERVING COUNTER WITH ACTION STATION
3/4" = 1'-0"



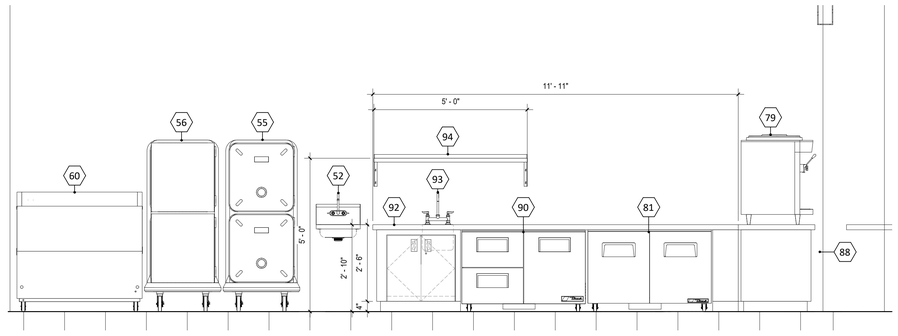
SECTION C @ ITEM #88 - SERVING COUNTER WITH ACTION STATION
3/4" = 1'-0"



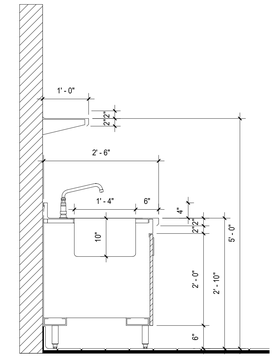
SECTION D @ ITEM #88 - SERVING COUNTER WITH ACTION STATION
3/4" = 1'-0"



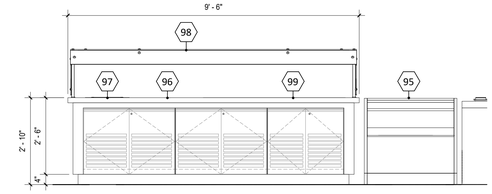
SECTION E @ ITEM #88 - SERVING COUNTER WITH ACTION STATION
3/4" = 1'-0"



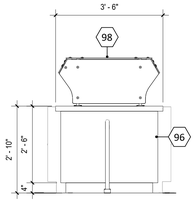
ITEM #92 - BACK COUNTER
1/2" = 1'-0"



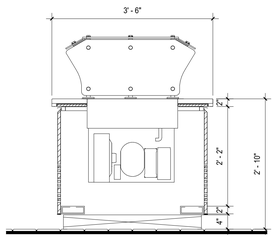
SECTION @ ITEM #92 - BACK COUNTER
3/4" = 1'-0"



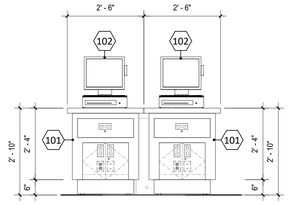
ITEM #96 - FRESH FOOD SERVING COUNTER FRONT VIEW
1/2" = 1'-0"



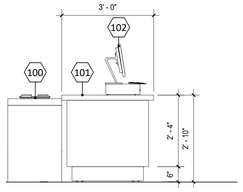
ITEM #96 - FRESH FOOD SERVING COUNTER SIDE VIEW
1/2" = 1'-0"



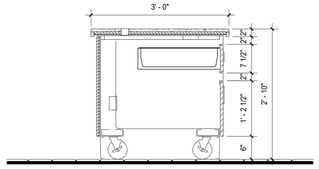
SECTION @ ITEM #96 - FRESH FOOD SERVING COUNTER
3/4" = 1'-0"



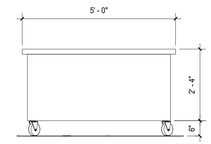
ITEM #101 - MOBILE DOUBLE SIDED CASHIER COUNTER BACK VIEW
1/2" = 1'-0"



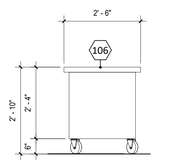
ITEM #101 - MOBILE DOUBLE SIDED CASHIER COUNTER SIDE VIEW
1/2" = 1'-0"



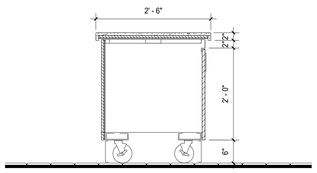
SECTION @ ITEM #101 - MOBILE DOUBLE SIDED CASHIER COUNTER
3/4" = 1'-0"



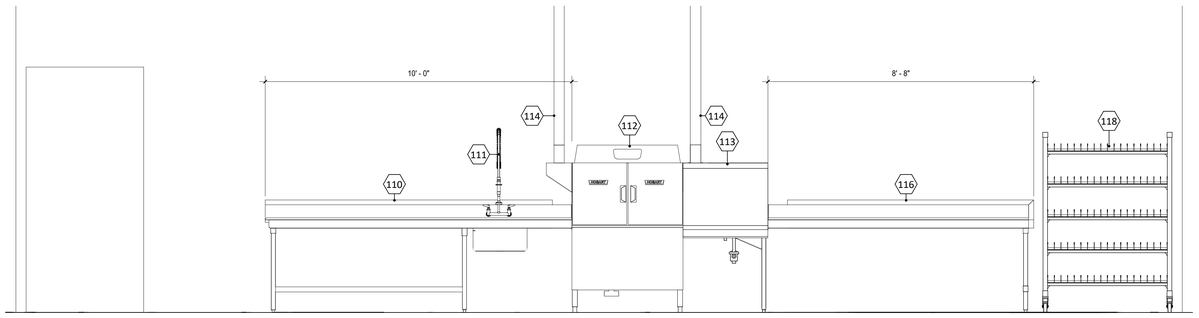
ITEM #106 - MOBILE CONDIMENT COUNTER FRONT VIEW
1/2" = 1'-0"



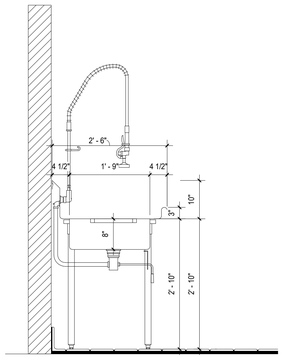
ITEM #106 - MOBILE CONDIMENT COUNTER SIDE VIEW
1/2" = 1'-0"



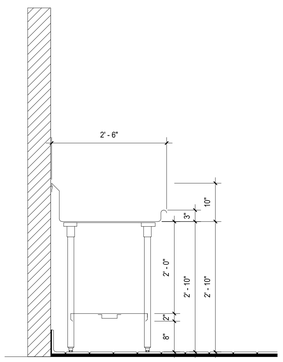
SECTION @ ITEM #106 - MOBILE CONDIMENT COUNTER
3/4" = 1'-0"



ITEM #110 & 116 - SOIELD DISH TABLE & CLEAN DISH TABLE
1/2" = 1'-0"



SECTION @ ITEM #110 - SOILED DISH TABLE
3/4" = 1'-0"



SECTION @ ITEM #116 - CLEAN DISH TABLE
3/4" = 1'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENNTENIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The Contract Documents, including these drawings, describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

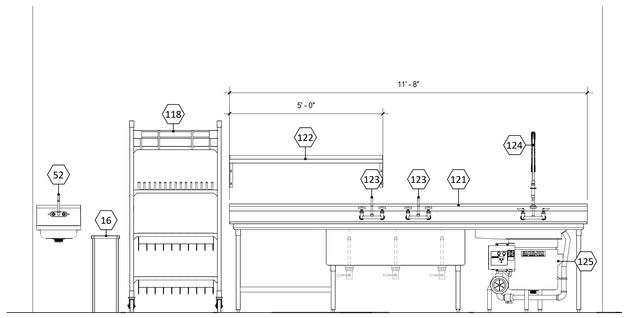
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MW	LC

DRAWING TITLE:
FOODSERVICE DETAILS, ELEVATIONS & SECTIONS

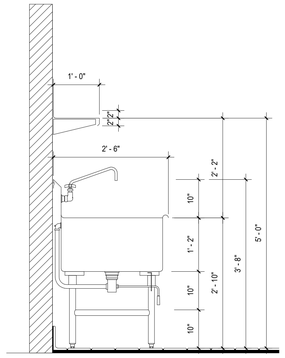
CERTIFIED BY:
FOODSERVICE CONSULTANTS SOCIETY INTERNATIONAL
SCOTT RUTHIG
FCSI 9508151
PROFESSIONAL MEMBER

DRAWING NUMBER
K603

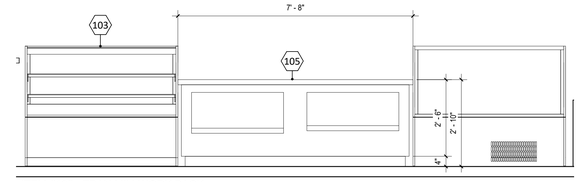
PROJECT NUMBER
2023061



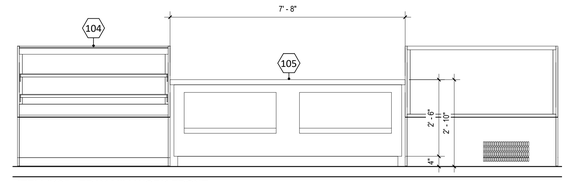
ITEM #121 - THREE COMPARTMENT SINK
1/2" = 1'-0"



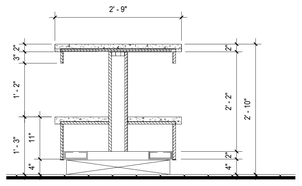
SECTION @ ITEM #121 - THREE COMPARTMENT SINK
3/4" = 1'-0"



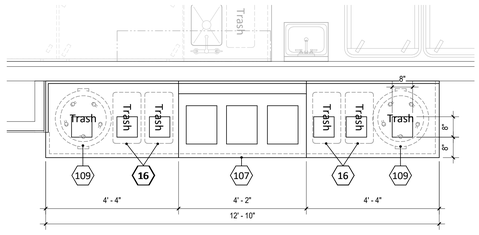
ITEM #105 - TRAY MILLWORK BACK VIEW
1/2" = 1'-0"



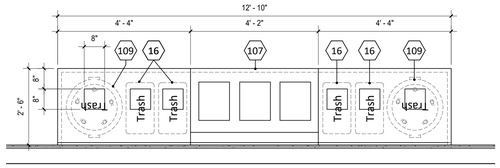
ITEM #105 - TRAY MILLWORK FRONT VIEW
1/2" = 1'-0"



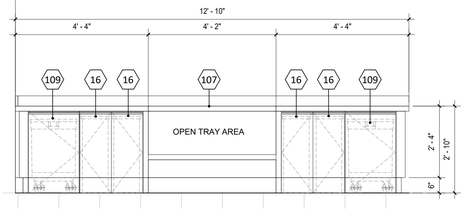
SECTION @ ITEM #105 - TRAY MILLWORK
3/4" = 1'-0"



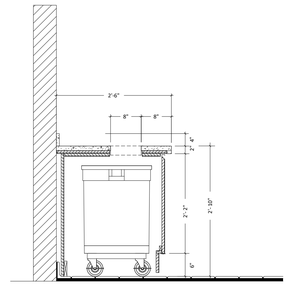
ITEM #107 - TRAY SORTING MILLWORK
DETAILED VIEW
1/2" = 1'-0"



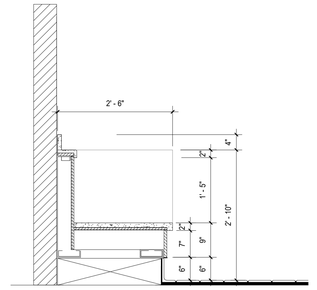
ITEM #107 - TRAY SORTING MILLWORK
DETAILED VIEW 2
1/2" = 1'-0"



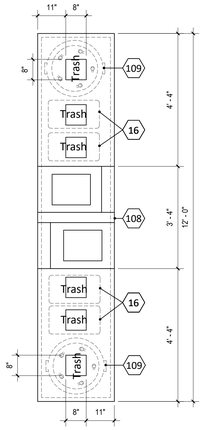
ITEM #107 - TRAY SORTING MILLWORK
1/2" = 1'-0"



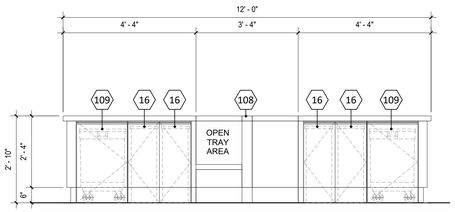
SECTION A @ ITEM #107 - TRAY SORTING MILLWORK
3/4" = 1'-0"



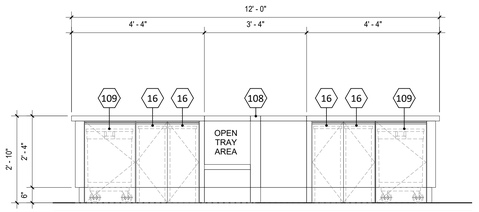
SECTION B @ ITEM #107 - TRAY SORTING MILLWORK
3/4" = 1'-0"



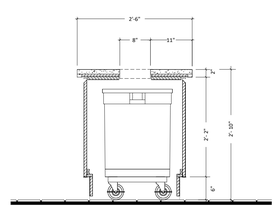
ITEM #108 - ISLAND TRAY SORTING MILLWORK DETAILED VIEW
1/2" = 1'-0"



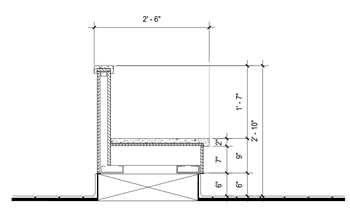
ITEM #108 - ISLAND TRAY SORTING MILLWORK FRONT VIEW
1/2" = 1'-0"



ITEM #108 - ISLAND TRAY SORTING MILLWORK BACK VIEW
1/2" = 1'-0"



SECTION A @ ITEM #108 - ISLAND TRAY SORTING MILLWORK
3/4" = 1'-0"



SECTION B @ ITEM #108 - ISLAND TRAY SORTING MILLWORK
3/4" = 1'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENNTENIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the approximate locations and size and the type of plumbing, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
To the extent of the reasonably inferred scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

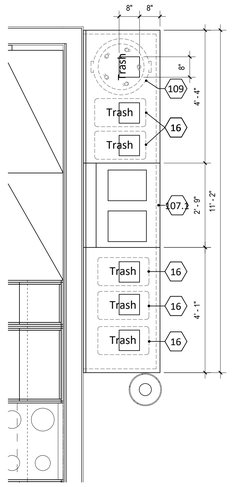
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MW	LC

DRAWING TITLE:
FOODSERVICE DETAILS, ELEVATIONS & SECTIONS

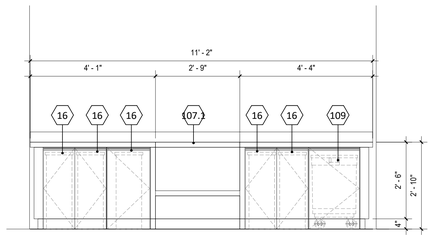
CERTIFIED BY:
SCOTT BETTANO
FOODSERVICE CONSULTANTS SOCIETY INTERNATIONAL
FCSI 994815
PROFESSIONAL MEMBER

DRAWING NUMBER
K604

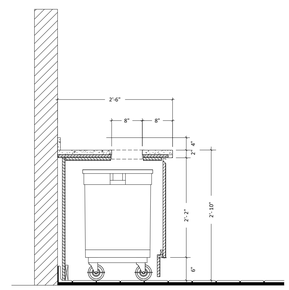
PROJECT NUMBER
2023061



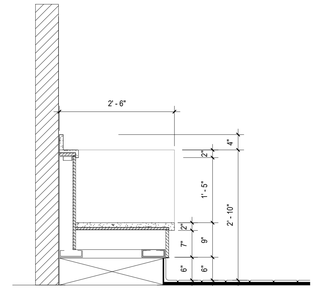
1 ITEM #107.1 - TRAY SORTING MILLWORK DETAILED VIEW
1/2" = 1'-0"



2 ITEM #108 - ISLAND TRAY SORTING MILLWORK FRONT VIEW1
1/2" = 1'-0"



3 SECTION A @ ITEM #107.1 - TRAY SORTING MILLWORK
3/4" = 1'-0"



4 SECTION B @ ITEM #107.1 - TRAY SORTING MILLWORK
3/4" = 1'-0"

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENNTENIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

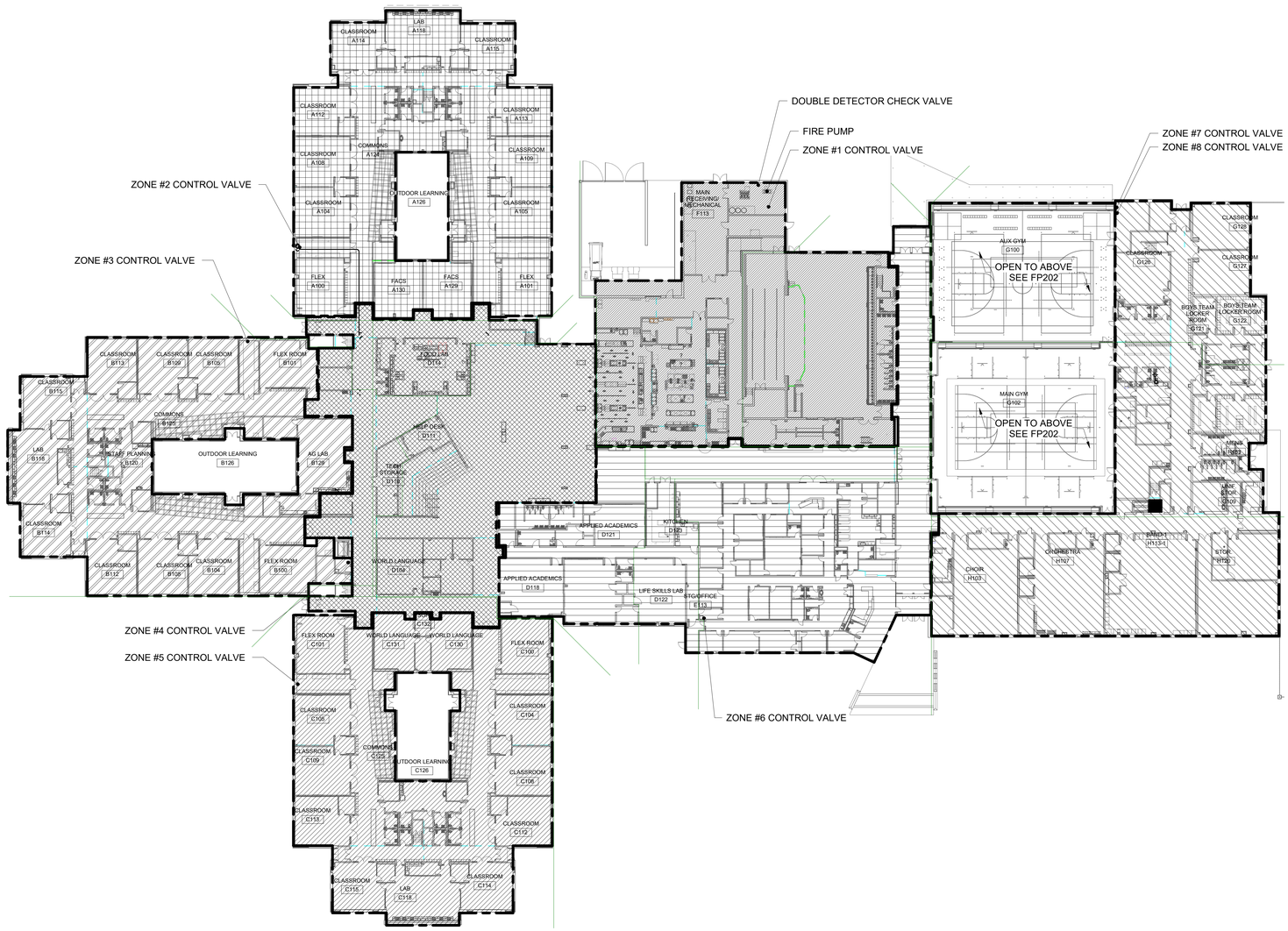
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MW	LC

DRAWING TITLE:
FOODSERVICE DETAILS, ELEVATIONS & SECTIONS

CERTIFIED BY:
FOODSERVICE CONSULTANTS SOCIETY INTERNATIONAL
SCOTT BRITANO
FCSI
9508151
PROFESSIONAL MEMBER

DRAWING NUMBER
K605

PROJECT NUMBER
2023061



OVERALL GROUND FLOOR ZONE MAP - FIRE PROTECTION

SCALE: 1/32" = 1'-0"

NORTH

GENERAL NOTES:

1. THESE NOTES APPLY TO ALL 'FP' SERIES DRAWINGS.
2. REFER TO SHEET PM-001 FOR SYMBOLS, ABBREVIATIONS, AND ADDITIONAL GENERAL NOTES.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR CORE DRILLING AND CUTTING HOLES THRU WALLS AND FLOORS AS REQUIRED TO INSTALL WORK, WHETHER SHOWN OR NOT.
4. ALL PENETRATIONS THRU RATED CONSTRUCTION TO BE FIRE STOPPED. REFER TO LIFE SAFETY PLANS.
5. CONTRACTOR SHALL COORDINATE WORK WITH ALL OTHER TRADES PRIOR TO INSTALLATION. CONTACT ENGINEER WITH CONFLICTS OR DISCREPANCIES.
6. SPRINKLER SYSTEMS SHALL BE HYDRAULICALLY CALCULATED, FULLY SUPERVISED, AND INSTALLED ACCORDING TO NFPA 13.
7. CONTRACTOR SHALL OBTAIN FLOW TEST INFORMATION PRIOR TO DESIGN AND HYDRAULIC CALCULATION OF SPRINKLER SYSTEM.
8. ALL SPRINKLER SYSTEM ITEMS REQUIRED BY CODE SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR WHETHER SHOWN ON THE DRAWINGS AND SPECIFICATIONS OR NOT.
9. ALL FIRE PROTECTION SYSTEMS TO BE INSTALLED TO MEET THE REQUIREMENTS OF THE INDIANA FIRE CODE, 2014; THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) STANDARD 13, 2010; THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) STANDARD 14; AND INDIANA AMENDMENTS (675 IAC-28-1-5).
10. PIPE ROUTINGS INDICATED ON DRAWINGS ARE DIAGRAMMATIC AND ARE A SUGGESTED METHOD FOR DESIGN. CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL COORDINATION, LAYOUT, CODE COMPLIANCE, AND DESIGN.
11. PROVIDE UPRIGHT SPRINKLER HEADS IN UNFINISHED SPACES (I.E. THOSE WITH EXPOSED STRUCTURE), CONCEALED HEADS IN FINISHED SPACES (I.E. THOSE WITH LAY-IN, DRYWALL, OR DECORATIVE CEILINGS), SIDEWALL HEADS WHERE IMPRACTICAL TO INSTALLED CONCEALED OR UPRIGHT TYPE, OR AS INDICATED OTHERWISE ON THE DRAWINGS.
12. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR COORDINATION OF CEILING MOUNTED ITEMS.

FIRE PROTECTION LEGEND:

SPRINKLER ZONE #1 - AREA F
24,824 SQFT WET PIPE SPRINKLER SYSTEM
PROVIDE COVERAGE IN ACCORDANCE WITH NFPA 13
LIGHT HAZARD 0.10 GPM/SF 1500 SF REMOTE AREA
ORD HAZARD GP 0.15 GPM/SF 1500 SF REMOTE AREA

SPRINKLER ZONE #2 - AREA A 1ST & 2ND FLOOR
46,975 SQFT WET PIPE SPRINKLER SYSTEM
PROVIDE COVERAGE IN ACCORDANCE WITH NFPA 13
LIGHT HAZARD 0.10 GPM/SF 1500 SF REMOTE AREA
ORD HAZARD GP 0.15 GPM/SF 1500 SF REMOTE AREA

SPRINKLER ZONE #3 - AREA B 1ST & 2ND FLOOR
51,485 SQFT WET PIPE SPRINKLER SYSTEM
PROVIDE COVERAGE IN ACCORDANCE WITH NFPA 13
LIGHT HAZARD 0.10 GPM/SF 1500 SF REMOTE AREA
ORD HAZARD GP 0.15 GPM/SF 1500 SF REMOTE AREA

SPRINKLER ZONE #4 - AREA D 1ST & 2ND FLOOR
46,531 SQFT WET PIPE SPRINKLER SYSTEM
PROVIDE COVERAGE IN ACCORDANCE WITH NFPA 13
LIGHT HAZARD 0.10 GPM/SF 1500 SF REMOTE AREA
ORD HAZARD GP 0.15 GPM/SF 1500 SF REMOTE AREA

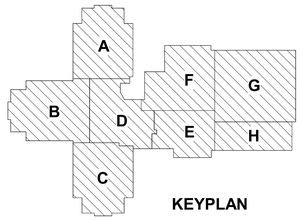
SPRINKLER ZONE #5 - AREA C 1ST & 2ND FLOOR
48,765 SQFT WET PIPE SPRINKLER SYSTEM
PROVIDE COVERAGE IN ACCORDANCE WITH NFPA 13
LIGHT HAZARD 0.10 GPM/SF 1500 SF REMOTE AREA
ORD HAZARD GP 0.15 GPM/SF 1500 SF REMOTE AREA

SPRINKLER ZONE #6 - AREA E AND MAIN COORIDOORS
29,827 SQFT WET PIPE SPRINKLER SYSTEM
PROVIDE COVERAGE IN ACCORDANCE WITH NFPA 13
LIGHT HAZARD 0.10 GPM/SF 1500 SF REMOTE AREA
ORD HAZARD GP 0.15 GPM/SF 1500 SF REMOTE AREA

SPRINKLER ZONE #7 - GYMNASIUMS AND AREA G 2ND FLOOR
30,36 SQFT WET PIPE SPRINKLER SYSTEM
PROVIDE COVERAGE IN ACCORDANCE WITH NFPA 13
LIGHT HAZARD 0.10 GPM/SF 1500 SF REMOTE AREA
ORD HAZARD GP 0.15 GPM/SF 1500 SF REMOTE AREA

SPRINKLER ZONE #8 - AREA G & H 1ST FLOOR
30,878 SQFT WET PIPE SPRINKLER SYSTEM
PROVIDE COVERAGE IN ACCORDANCE WITH NFPA 13
LIGHT HAZARD 0.10 GPM/SF 1500 SF REMOTE AREA
ORD HAZARD GP 0.15 GPM/SF 1500 SF REMOTE AREA

0 8 16 24 32 64 96 128
1 2 3 4



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R.E. Dimand and Associates, Inc.
Consulting Engineers
732 North Capitol Avenue
Indianapolis, IN 46204
Phone (317) 639-5472
Fax (317) 639-8725

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. The drawings are not intended to completely describe all work required for full performance and completion of the requirements of the Contract.
The Trade Contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	AMB	AMB

DRAWING TITLE:
OVERALL GROUND FLOOR ZONE MAP - FIRE PROTECTION

CERTIFIED BY:
Joseph Michael Chrisman
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
FP201

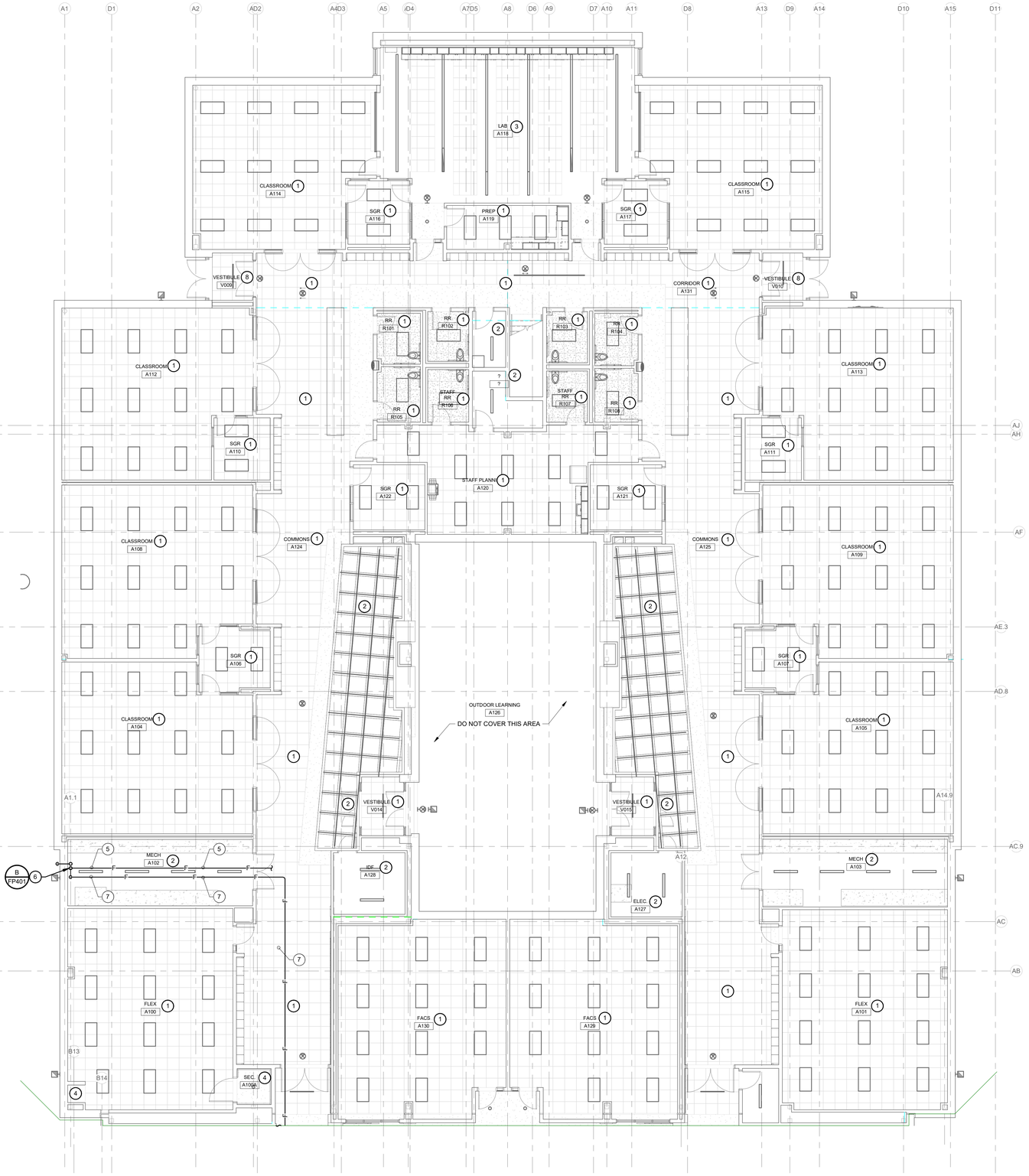
PROJECT NUMBER
2023061

GENERAL NOTES:

1. REFER TO SHEET FP201 FOR ADDITIONAL GENERAL NOTES.

(#) PLAN NOTES:

1. INSTALL CONCEALED SPRINKLER HEADS IN THIS AREA.
2. INSTALL UPRIGHT SPRINKLER HEADS IN THIS AREA.
3. INSTALL SPRINKLER HEADS ABOVE AND BELOW CEILING IN THIS AREA.
4. INSTALL INSTITUTIONAL STYLE SPRINKLER HEAD IN THIS AREA.
5. 1ST FLOOR AREA 'A' SPRINKLER MAIN.
6. AREA 'A' ZONE CONTROL VALVE.
7. BUILDING FIRE MAIN FROM PUMP IN WATER SERVICE ROOM.
8. INSTALL SIDEWALL SPRINKLER HEADS IN THIS AREA.



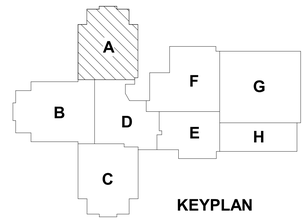
GROUND FLOOR - UNIT A - FIRE PROTECTION

SCALE: 1/8" = 1'-0"

NORTH

0 2 4 6 8 16 24 32

1 2 3 4



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R.E. Dimond and Associates, Inc.
Consulting Engineers
732 North Capitol Avenue
Indianapolis, IN 46204
Phone: (317) 634-4672
Fax: (317) 639-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of demolition, new work, the extent of each floor of the building, the major architectural elements, and the type of structural, mechanical and electrical systems.

The contract documents are intended to describe all work required for full performance and completion of the requirements of the Contract.

On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	AMB	AMB

DRAWING TITLE:

GROUND FLOOR PLAN - UNIT A - FIRE PROTECTION

CERTIFIED BY:

JORDAN MICHAEL CRIPPEN REGISTERED No. PE11700335 STATE OF INDIANA PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

FP201A

PROJECT NUMBER

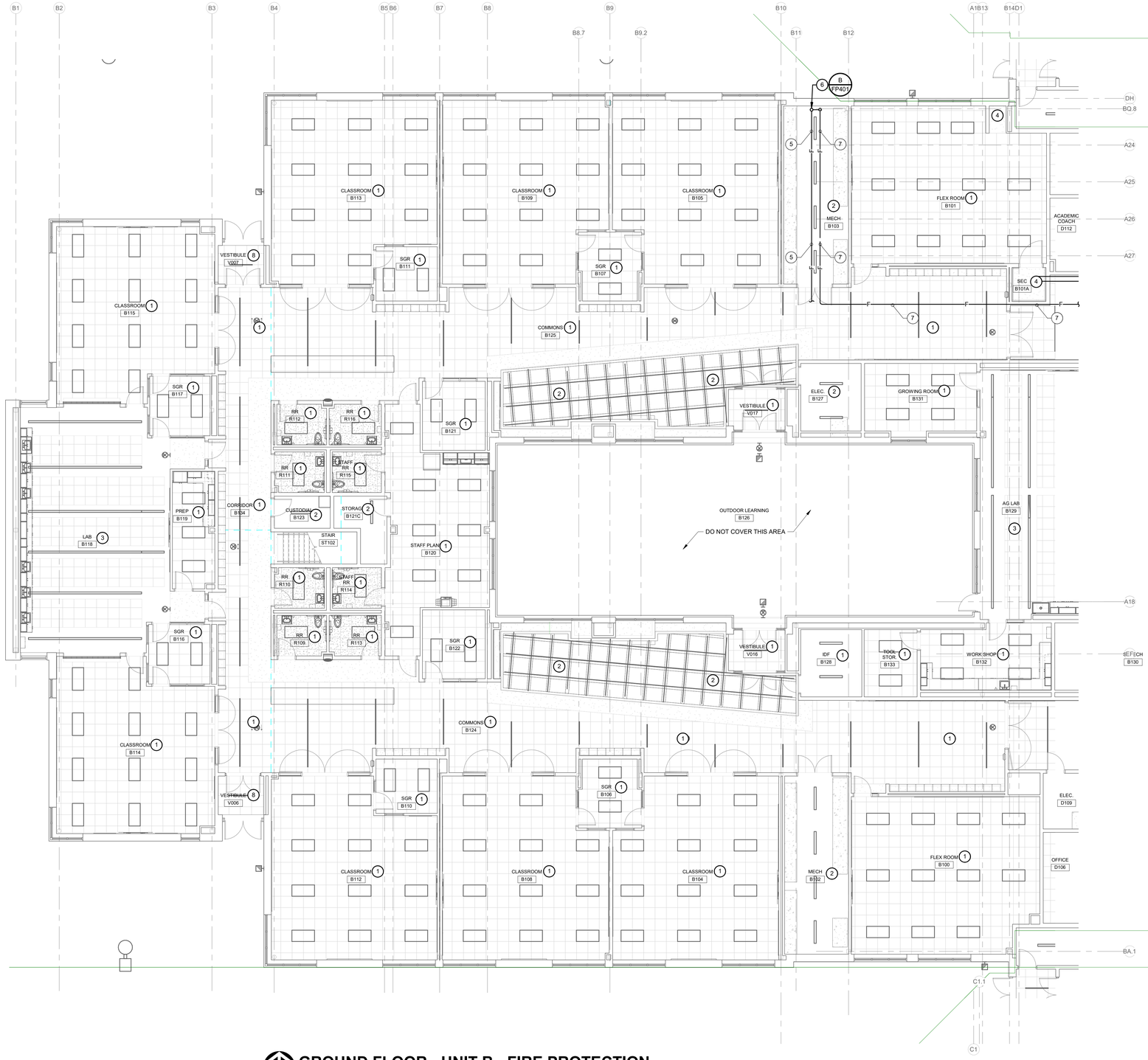
2023061

GENERAL NOTES:

1. REFER TO SHEET FP201 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

1. INSTALL CONCEALED SPRINKLER HEADS IN THIS AREA.
2. INSTALL UPRIGHT SPRINKLER HEADS IN THIS AREA.
3. INSTALL SPRINKLER HEADS ABOVE AND BELOW CEILING IN THIS AREA.
4. INSTALL INSTITUTIONAL STYLE SPRINKLER HEAD IN THIS AREA.
5. 1ST FLOOR AREA 'B' SPRINKLER MAIN.
6. AREA 'B' ZONE CONTROL VALVE.
7. BUILDING FIRE MAIN FROM PUMP IN WATER SERVICE ROOM.
8. INSTALL SIDEWALL SPRINKLER HEADS IN THIS AREA.



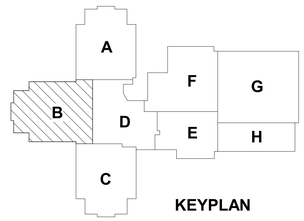
GROUND FLOOR - UNIT B - FIRE PROTECTION

SCALE: 1/8" = 1'-0"

NORTH

0 2 4 6 8 16 24 32

1 2 3 4



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Consulting Engineers
732 North Capitol Avenue
Indianapolis, IN 46204
Phone: (317) 634-4672
Fax: (317) 638-8725

D&A# 23085

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.

On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	AMB	AMB

DRAWING TITLE:

GROUND FLOOR PLAN - UNIT B - FIRE PROTECTION

CERTIFIED BY:

Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

FP201B

PROJECT NUMBER

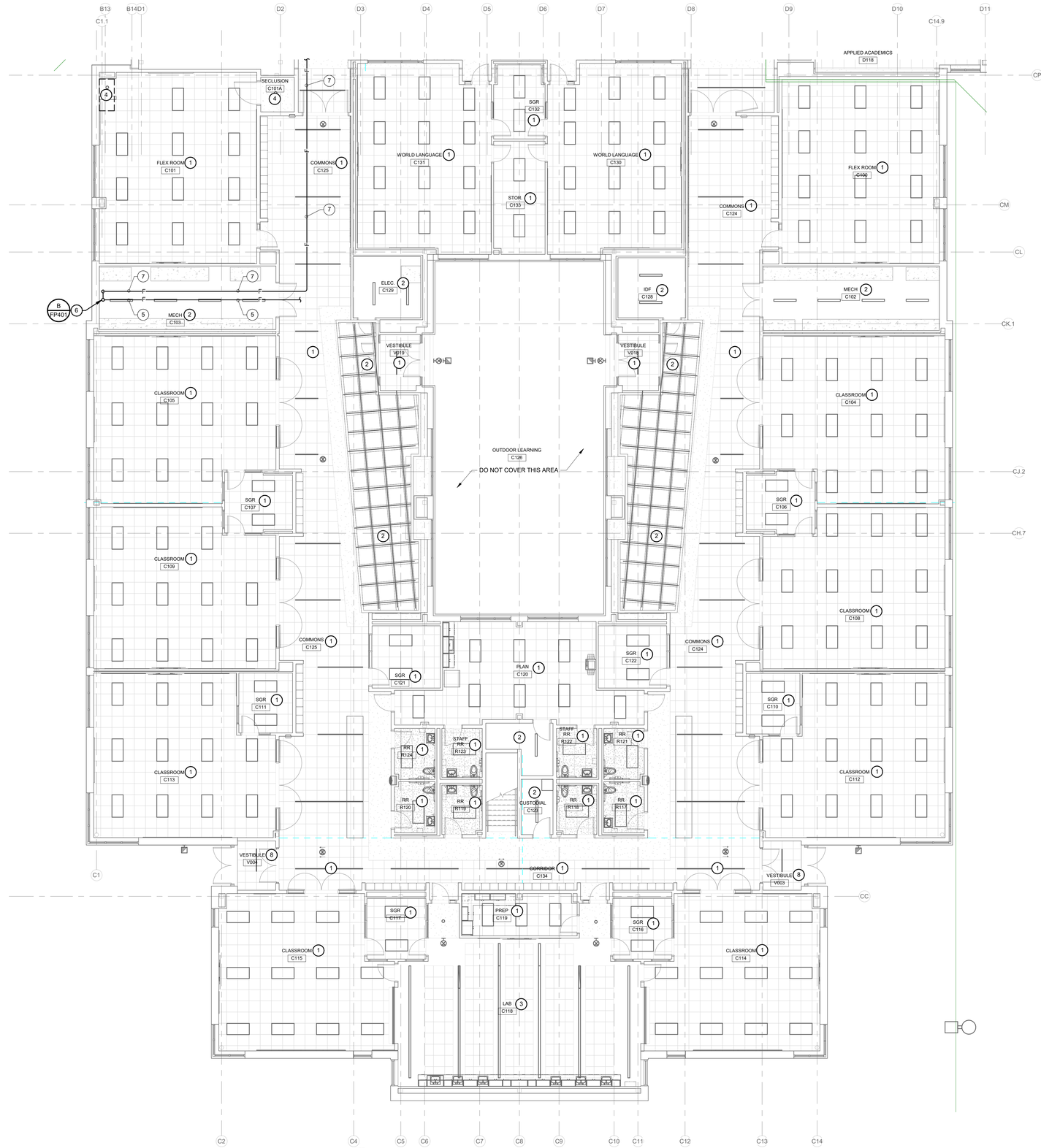
2023061

GENERAL NOTES:

1. REFER TO SHEET FP201 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

1. INSTALL CONCEALED SPRINKLER HEADS IN THIS AREA.
2. INSTALL UPRIGHT SPRINKLER HEADS IN THIS AREA.
3. INSTALL SPRINKLER HEADS ABOVE AND BELOW CEILING IN THIS AREA.
4. INSTALL INSTITUTIONAL STYLE SPRINKLER HEAD IN THIS AREA.
5. 1ST FLOOR AREA 'C' SPRINKLER MAIN.
6. AREA 'C' ZONE CONTROL VALVE.
7. BUILDING FIRE MAIN FROM PUMP IN WATER SERVICE ROOM.
8. INSTALL SIDEWALL SPRINKLER HEADS IN THIS AREA.

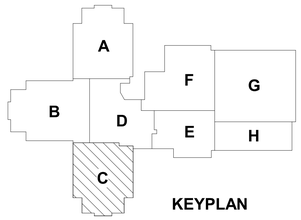


GROUND FLOOR - UNIT C - FIRE PROTECTION

SCALE: 1/8" = 1'-0"

NORTH





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Consulting Engineers
732 North Capitol Avenue
Indianapolis, IN 46204
Phone: (317) 634-4672
Fax: (317) 638-8725

D&A# 23085

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST

BID DOCUMENTS

17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	AMB	AMB

DRAWING TITLE:

GROUND FLOOR PLAN - UNIT C - FIRE PROTECTION

CERTIFIED BY:

Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

FP201C

PROJECT NUMBER

2023061



GENERAL NOTES:

1. REFER TO SHEET FP201 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

1. INSTALL CONCEALED SPRINKLER HEADS IN THIS AREA.
2. INSTALL UPRIGHT SPRINKLER HEADS IN THIS AREA.
3. INSTALL INSTITUTIONAL STYLE SPRINKLER HEAD IN THIS AREA.
4. 1ST FLOOR AREA 'D' SPRINKLER MAIN.
5. AREA 'D' ZONE CONTROL VALVE.
6. BUILDING FIRE MAIN FROM PUMP IN WATER SERVICE ROOM.

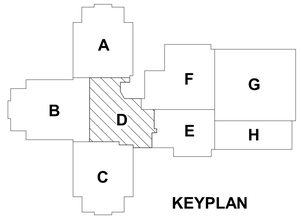
GROUND FLOOR - UNIT D - FIRE PROTECTION

SCALE: 1/8" = 1'-0"

NORTH

0 2 4 6 8 16 24 32

1 2 3 4



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Consulting Engineers

732 North Capitol Avenue
Indianapolis, IN 46204
Phone: (317) 634-4672
Fax: (317) 638-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST

BID DOCUMENTS

17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

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On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	AMB	AMB

DRAWING TITLE:

GROUND FLOOR PLAN - UNIT D - FIRE PROTECTION

CERTIFIED BY:

Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

FP201D

PROJECT NUMBER

2023061

GENERAL NOTES:

1. REFER TO SHEET FP201 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

1. INSTALL CONCEALED SPRINKLER HEADS IN THIS AREA.
2. INSTALL UPRIGHT SPRINKLER HEADS IN THIS AREA.
3. PROVIDE CONCEALED SPRINKLER HEADS IN BULKHEAD ABOVE DOOR.
4. 1ST FLOOR AREA 'E' SPRINKLER MAIN.
5. AREA 'E' ZONE CONTROL VALVE.
6. BUILDING FIRE MAIN FROM PUMP IN WATER SERVICE ROOM.
7. INSTALL SIDEWALL SPRINKLER HEADS IN THIS AREA.

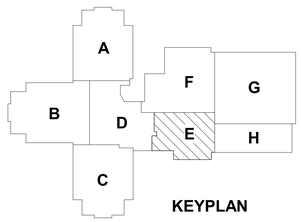


GROUND FLOOR - UNIT E - FIRE PROTECTION

SCALE: 1/8" = 1'-0"

NORTH





KEYPLAN

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R.E. Dimond and Associates, Inc.
Consulting Engineers
D&A# 23085
732 North Capitol Avenue
Indianapolis, IN 46204
Phone: (317) 634-4672
Fax: (317) 638-8725

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
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On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

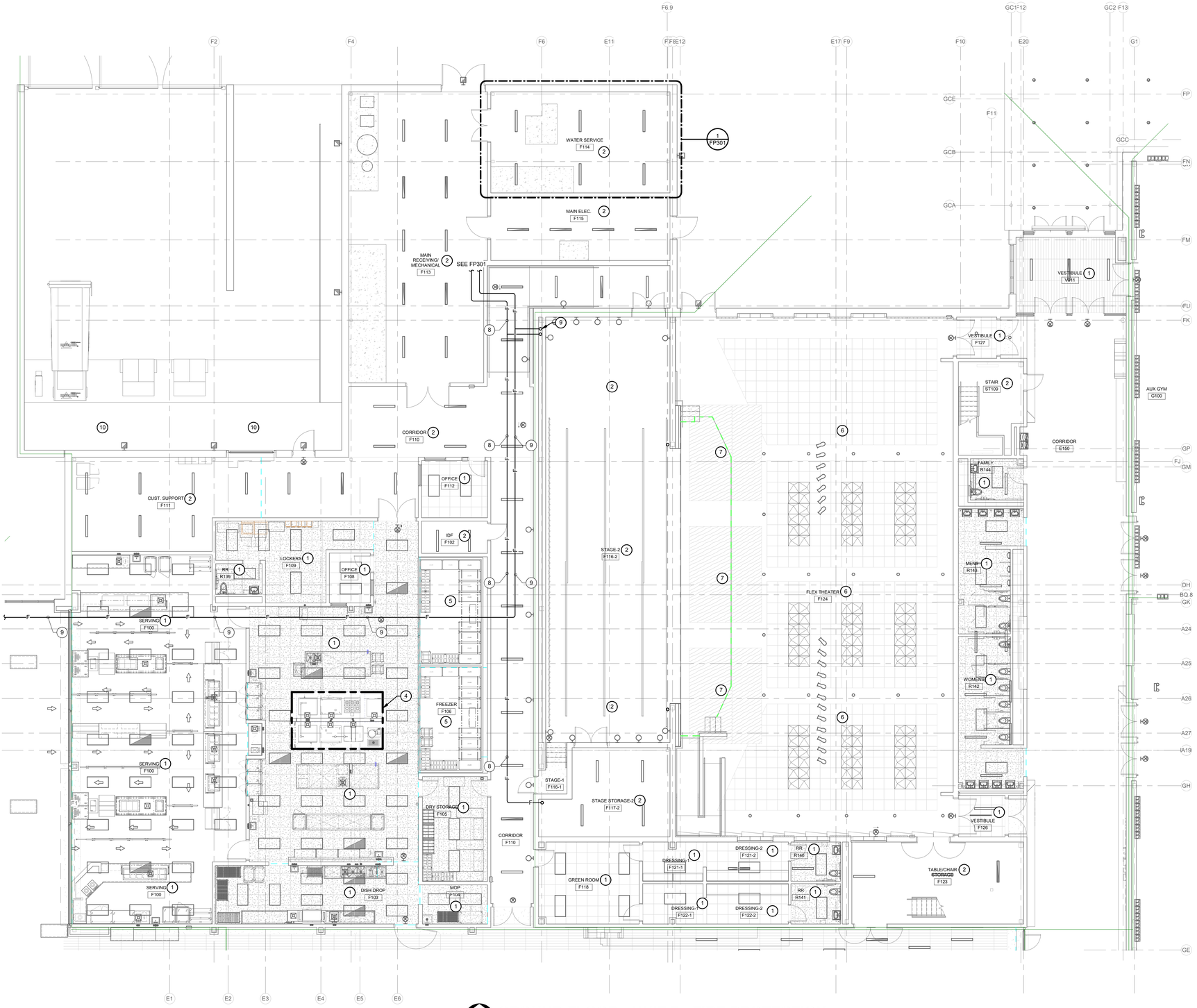
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	AMB	AMB

DRAWING TITLE:
GROUND FLOOR PLAN - UNIT E - FIRE PROTECTION

CERTIFIED BY:
Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
FP201E

PROJECT NUMBER
2023061



GROUND FLOOR - UNIT F - FIRE PROTECTION

SCALE: 1/8" = 1'-0"

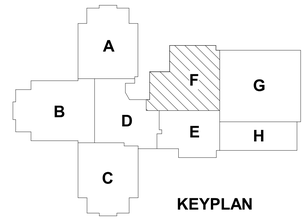
NORTH

GENERAL NOTES:

1. REFER TO SHEET FP201 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

1. INSTALL CONCEALED SPRINKLER HEADS IN THIS AREA.
2. INSTALL UPRIGHT SPRINKLER HEADS IN THIS AREA.
3. INSTALL SPRINKLER HEADS UNDER GARAGE DOOR.
4. KITCHEN EXHAUST HOOD. DO NOT PROVIDE SPINKLER COVERAGE IN THIS AREA. ANSUL SYSTEM IS PROVIDED BY KITCHEN CONTRACTOR. REFER TO KITCHEN EQUIPMENT DRAWINGS FOR EXACT PLACEMENT.
5. INSTALL DRY PENDENT SPRINKLER HEAD IN WALK IN COOLER/FREEZER UNIT. SEAL PENETRATION WITH SPRAY FOAM INSULATION.
6. INSTALL SPRINKLER HEADS ABOVE AND BELOW CEILING IN THIS AREA.
7. COORDINATE INSTALLATION OF CONCEALED SPRIKLER HEAD IN ACOUSTICAL CLOUD CEILING WITH ARCHITECT.
8. 1ST FLOOR AREA 'F' SPRINKLER MAIN.
9. BUILDING FIRE MAIN FROM PUMP IN WATER SERVICE ROOM.
10. INSTALL DRY HORIZONTAL SIDEWALL SPRINKLER HEADS IN THIS AREA.



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D&A# 23085
732 North Capitol Avenue
Indianapolis, IN 46204
Phone: (317) 634-4672
Fax: (317) 638-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	AMB	AMB

DRAWING TITLE:

GROUND FLOOR PLAN - UNIT F - FIRE PROTECTION

CERTIFIED BY:

Joseph Michael Chrapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

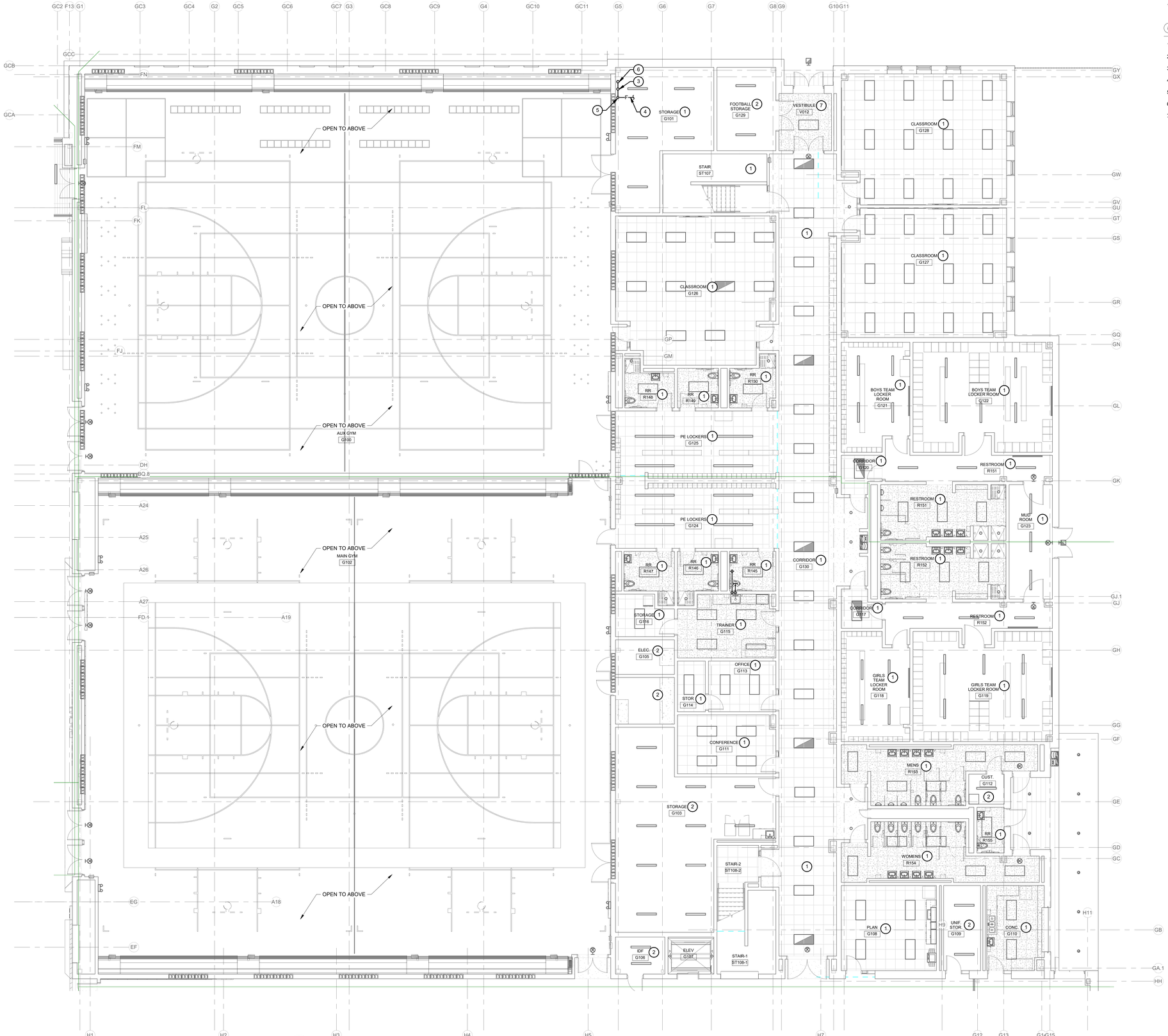
8/09/2024

DRAWING NUMBER

FP201F

PROJECT NUMBER

2023061



GROUND FLOOR - UNIT G - FIRE PROTECTION

SCALE: 1/8" = 1'-0"

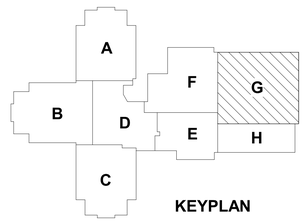
NORTH

GENERAL NOTES:

1. REFER TO SHEET FP201 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

1. INSTALL CONCEALED SPRINKLER HEADS IN THIS AREA.
2. INSTALL UPRIGHT SPRINKLER HEADS IN THIS AREA.
3. SECOND FLOOR AREA 'G' AND GYMNASIUM CONTROL VALVE
4. 1ST FLOOR AREA 'G' AND 'H' SPRINKLER MAIN.
5. FIRST FLOOR AREA 'G' AND AREA 'H' CONTROL VALVE.
6. BUILDING FIRE MAIN FROM PUMP IN WATER SERVICE ROOM.
7. INSTALL SIDEWALL SPRINKLER HEADS IN THIS AREA.



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D&A# 23085

PROJECT:

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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	AMB	AMB

DRAWING TITLE:

GROUND FLOOR PLAN - UNIT G - FIRE PROTECTION

CERTIFIED BY:

Joseph Michael Chrapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

FP201G

PROJECT NUMBER

2023061

GENERAL NOTES:

1. REFER TO SHEET FP201 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

1. INSTALL CONCEALED SPRINKLER HEADS IN THIS AREA.
2. INSTALL UPRIGHT SPRINKLER HEADS IN THIS AREA.

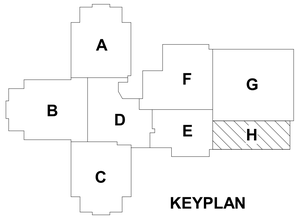


GROUND FLOOR - UNIT H - FIRE PROTECTION

SCALE: 1/8" = 1'-0"

NORTH





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REVISIONS:

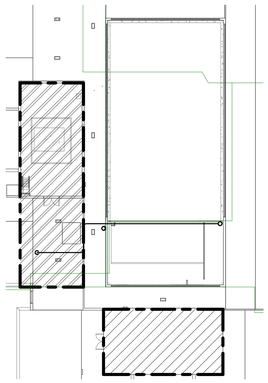
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	AMB	AMB

DRAWING TITLE:
GROUND FLOOR PLAN - UNIT H - FIRE PROTECTION

CERTIFIED BY:
Joseph Michael Chrapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
FP201H

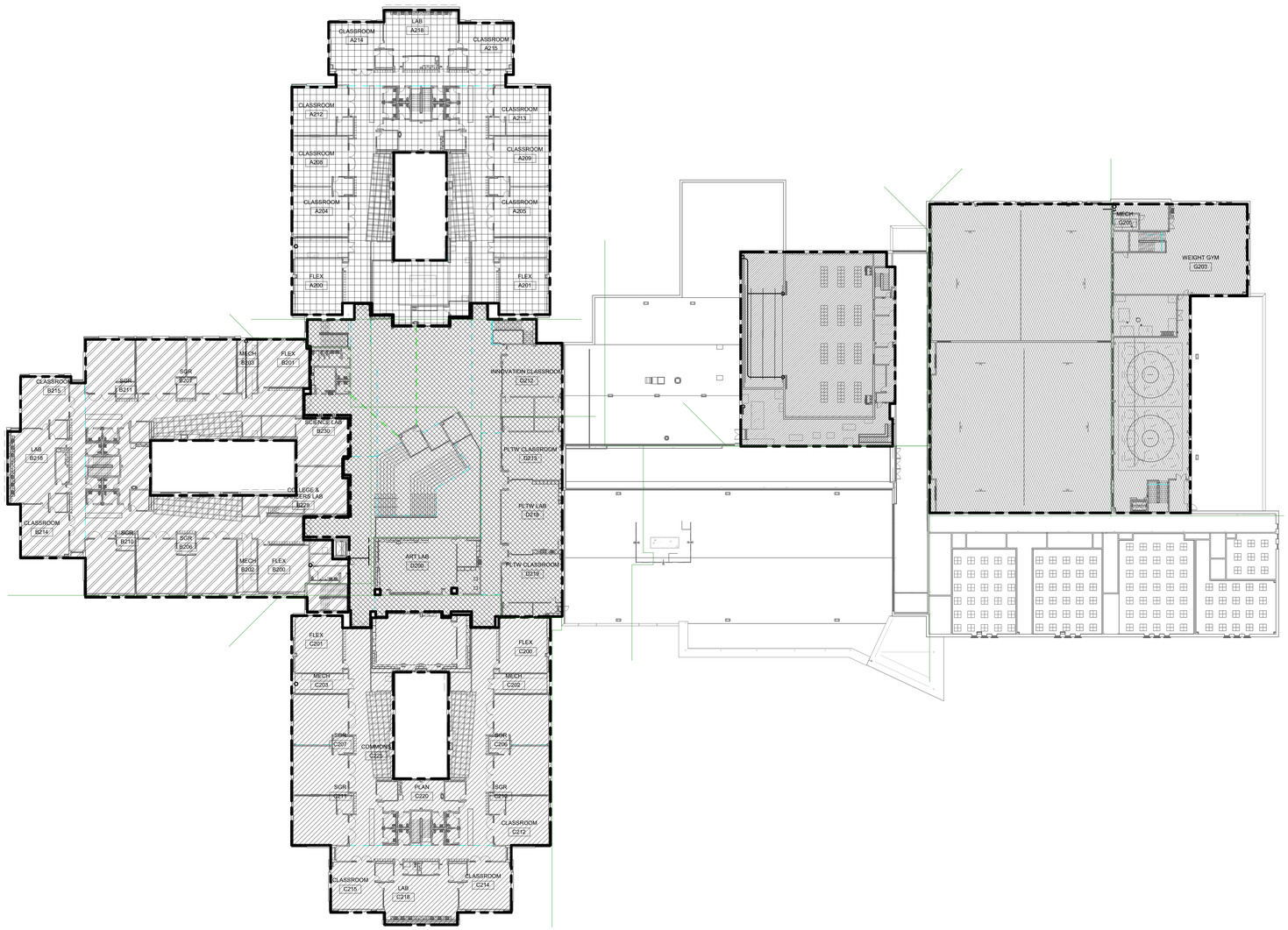
PROJECT NUMBER
2023061



PENTHOUSE FLOOR ZONE MAP - FIRE PROTECTION

SCALE: 1/32" = 1'-0"

NORTH



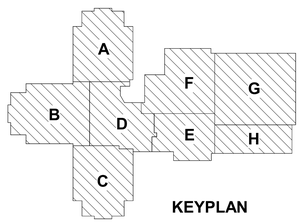
OVERALL SECOND FLOOR ZONE MAP - FIRE PROTECTION

SCALE: 1/32" = 1'-0"

NORTH

0 8 16 24 32 64 96 128

1 2 3 4



KEYPLAN

GENERAL NOTES:

1. REFER TO SHEET FP201 FOR GENERAL NOTES.

FIRE PROTECTION LEGEND:

SPRINKLER ZONE #1 - AREA F
24,824 SQFT WET PIPE SPRINKLER SYSTEM
PROVIDE COVERAGE IN ACCORDANCE WITH NFPA 13
LIGHT HAZARD 0.10 GPM/SF 1500 SF REMOTE AREA
ORD HAZARD GP 0.15 GPM/SF 1500 SF REMOTE AREA

SPRINKLER ZONE #2 - AREA A 1ST & 2ND FLOOR
46,975 SQFT WET PIPE SPRINKLER SYSTEM
PROVIDE COVERAGE IN ACCORDANCE WITH NFPA 13
LIGHT HAZARD 0.10 GPM/SF 1500 SF REMOTE AREA
ORD HAZARD GP 0.15 GPM/SF 1500 SF REMOTE AREA

SPRINKLER ZONE #3 - AREA B 1ST & 2ND FLOOR
51,485 SQFT WET PIPE SPRINKLER SYSTEM
PROVIDE COVERAGE IN ACCORDANCE WITH NFPA 13
LIGHT HAZARD 0.10 GPM/SF 1500 SF REMOTE AREA
ORD HAZARD GP 0.15 GPM/SF 1500 SF REMOTE AREA

SPRINKLER ZONE #4 - AREA D 1ST & 2ND FLOOR
46,531 SQFT WET PIPE SPRINKLER SYSTEM
PROVIDE COVERAGE IN ACCORDANCE WITH NFPA 13
LIGHT HAZARD 0.10 GPM/SF 1500 SF REMOTE AREA
ORD HAZARD GP 0.15 GPM/SF 1500 SF REMOTE AREA

SPRINKLER ZONE #5 - AREA C 1ST & 2ND FLOOR
48,765 SQFT WET PIPE SPRINKLER SYSTEM
PROVIDE COVERAGE IN ACCORDANCE WITH NFPA 13
LIGHT HAZARD 0.10 GPM/SF 1500 SF REMOTE AREA
ORD HAZARD GP 0.15 GPM/SF 1500 SF REMOTE AREA

SPRINKLER ZONE #6 - AREA E AND MAIN COORIDOORS
29,827 SQFT WET PIPE SPRINKLER SYSTEM
PROVIDE COVERAGE IN ACCORDANCE WITH NFPA 13
LIGHT HAZARD 0.10 GPM/SF 1500 SF REMOTE AREA
ORD HAZARD GP 0.15 GPM/SF 1500 SF REMOTE AREA

SPRINKLER ZONE #7 - GYMNASIUMS AND AREA G 2ND FLOOR
30,36 SQFT WET PIPE SPRINKLER SYSTEM
PROVIDE COVERAGE IN ACCORDANCE WITH NFPA 13
LIGHT HAZARD 0.10 GPM/SF 1500 SF REMOTE AREA
ORD HAZARD GP 0.15 GPM/SF 1500 SF REMOTE AREA

SPRINKLER ZONE #8 - AREA G & H 1ST FLOOR
30,878 SQFT WET PIPE SPRINKLER SYSTEM
PROVIDE COVERAGE IN ACCORDANCE WITH NFPA 13
LIGHT HAZARD 0.10 GPM/SF 1500 SF REMOTE AREA
ORD HAZARD GP 0.15 GPM/SF 1500 SF REMOTE AREA

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Fax (317) 636-8725

D&A# 23085

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	AMB	AMB

DRAWING TITLE:
OVERALL SECOND FLOOR ZONE MAP - FIRE PROTECTION

CERTIFIED BY:
Joseph Michael Cooper
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
FP202

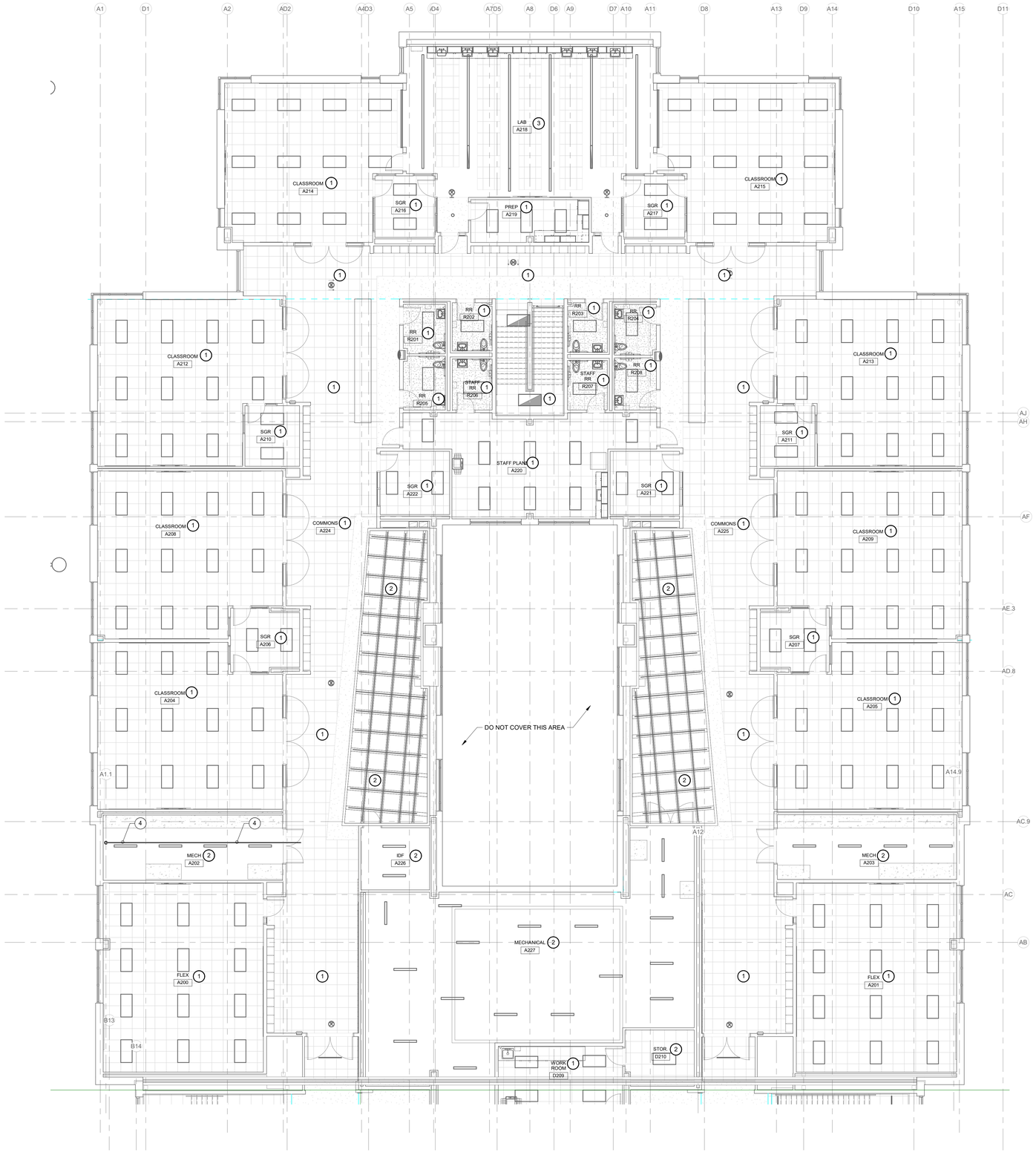
PROJECT NUMBER
2023061

GENERAL NOTES:

1. REFER TO SHEET FP201 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

1. INSTALL CONCEALED SPRINKLER HEADS IN THIS AREA.
2. INSTALL UPRIGHT SPRINKLER HEADS IN THIS AREA.
3. INSTALL SPRINKLER HEADS ABOVE AND BELOW CEILING IN THIS AREA.
4. 2ND FLOOR AREA 'A' SPRINKLER MAIN.

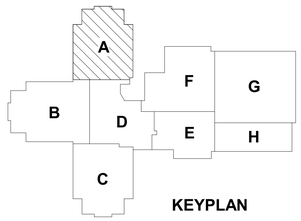


SECOND FLOOR - UNIT A - FIRE PROTECTION

SCALE: 1/8" = 1'-0"

NORTH





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Fax: (317) 638-8725

PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	AMB	AMB

DRAWING TITLE:
GROUND FLOOR PLAN - UNIT A - FIRE PROTECTION

CERTIFIED BY:
Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
FP202A

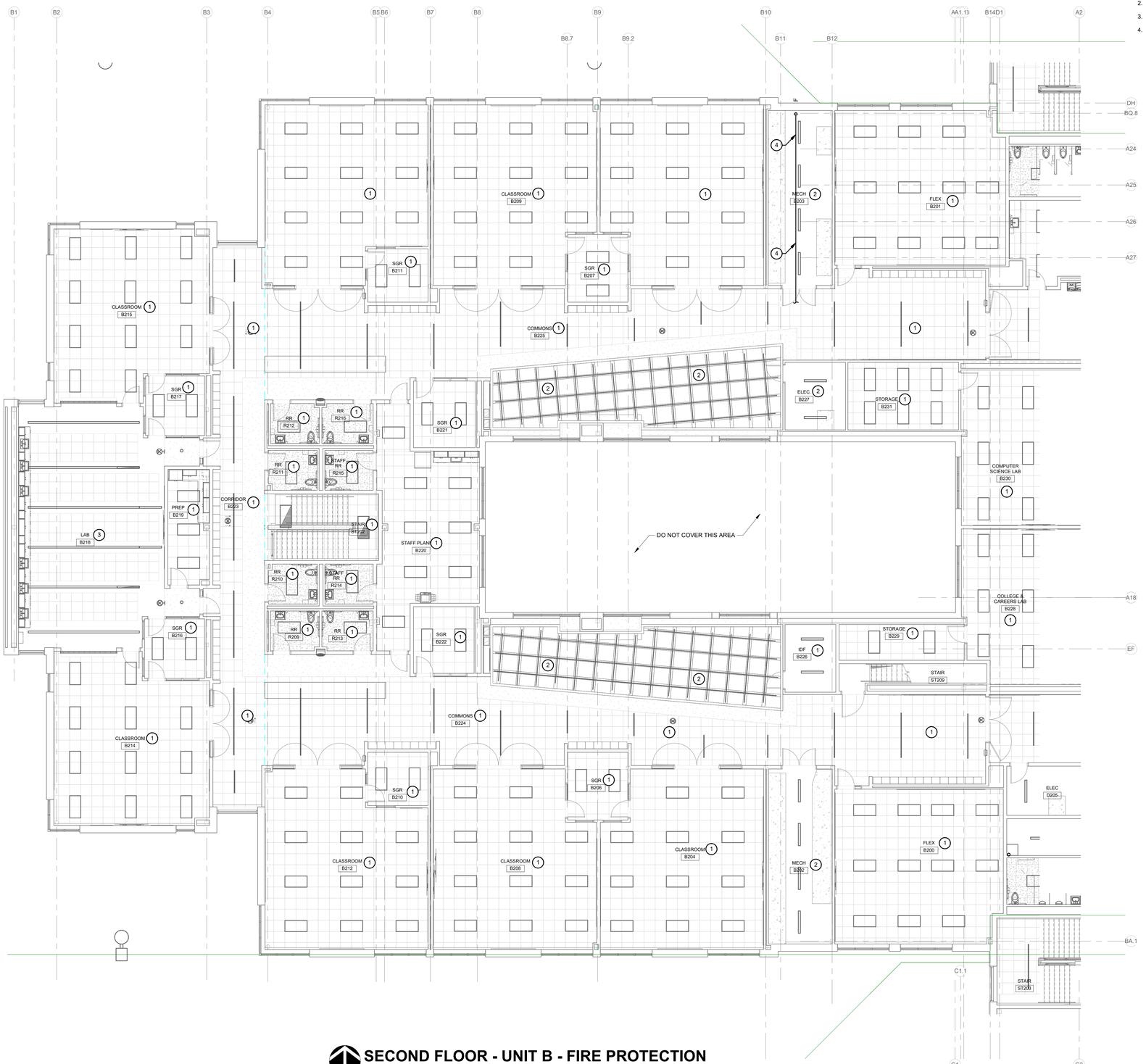
PROJECT NUMBER
2023061

GENERAL NOTES:

1. REFER TO SHEET FP201 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

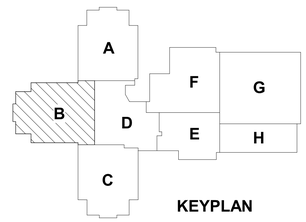
1. INSTALL CONCEALED SPRINKLER HEADS IN THIS AREA.
2. INSTALL UPRIGHT SPRINKLER HEADS IN THIS AREA.
3. INSTALL SPRINKLER HEADS ABOVE AND BELOW CEILING IN THIS AREA.
4. 2ND FLOOR AREA 'B' SPRINKLER MAIN.



SECOND FLOOR - UNIT B - FIRE PROTECTION

SCALE: 1/8" = 1'-0"

NORTH



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0 2 4 6 8 16 24 32

1 2 3 4

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Fax: (317) 638-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST

BID DOCUMENTS

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	AMB	AMB

DRAWING TITLE:

GROUND FLOOR PLAN - UNIT B - FIRE PROTECTION

CERTIFIED BY:

Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

FP202B

PROJECT NUMBER

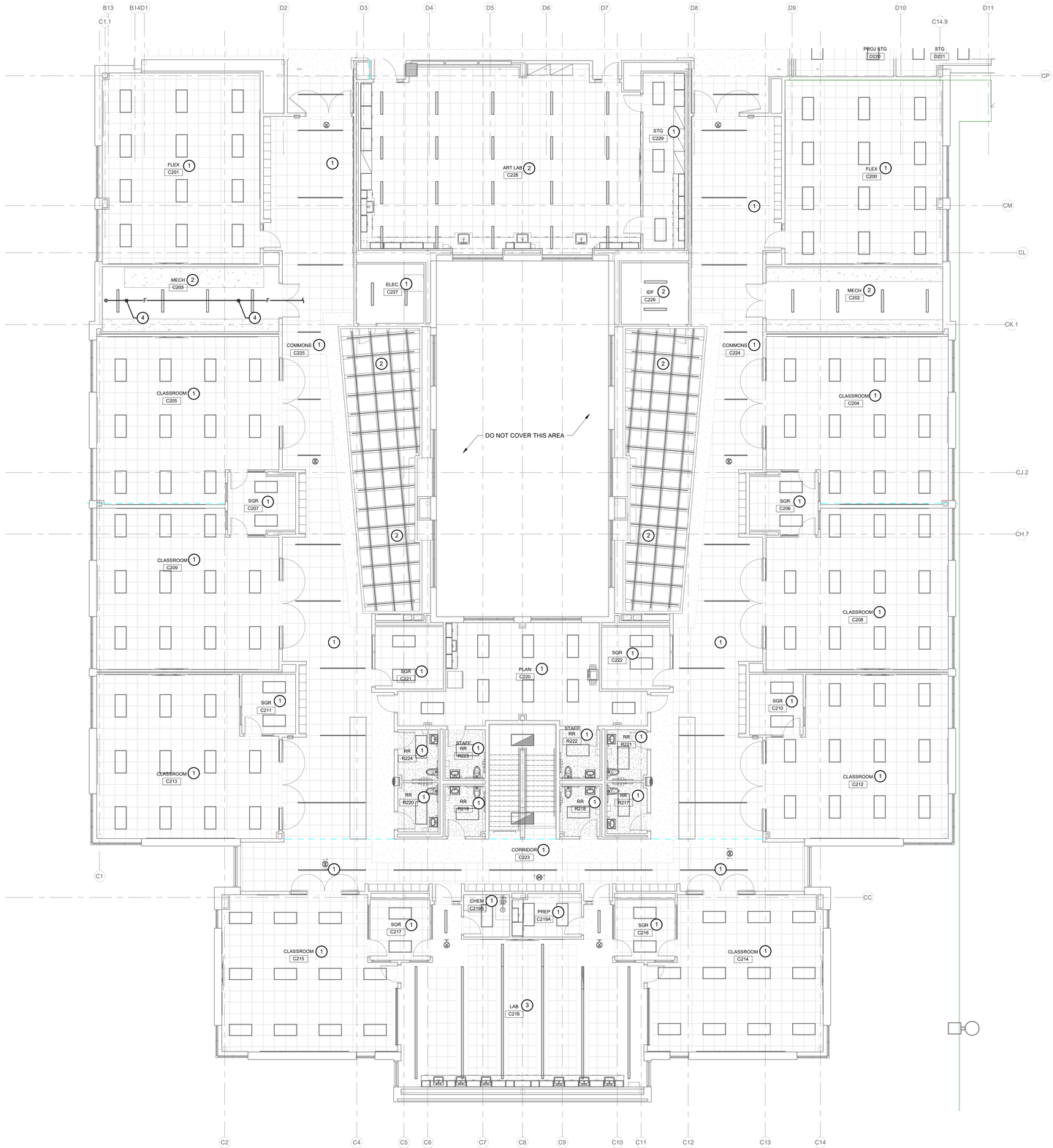
2023061

GENERAL NOTES:

1. REFER TO SHEET FP201 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

1. INSTALL CONCEALED SPRINKLER HEADS IN THIS AREA.
2. INSTALL UPRIGHT SPRINKLER HEADS IN THIS AREA.
3. INSTALL SPRINKLER HEADS ABOVE AND BELOW CEILING IN THIS AREA.
4. 2ND FLOOR AREA 'C' SPRINKLER MAIN.



SECOND FLOOR - UNIT C - FIRE PROTECTION

SCALE: 1/8" = 1'-0"

NORTH

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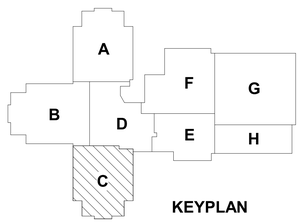
1 2 3 4



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PROJECT:

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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	AMB	AMB

DRAWING TITLE:

GROUND FLOOR PLAN - UNIT C - FIRE PROTECTION

CERTIFIED BY:

Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

FP202C

PROJECT NUMBER

2023061



SECOND FLOOR - UNIT D - FIRE PROTECTION

SCALE: 1/8" = 1'-0"

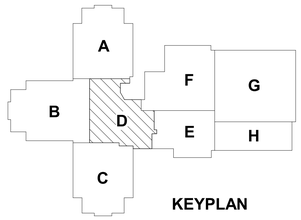
NORTH

GENERAL NOTES:

1. REFER TO SHEET FP201 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

1. INSTALL CONCEALED SPRINKLER HEADS IN THIS AREA.
2. INSTALL UPRIGHT SPRINKLER HEADS IN THIS AREA.
3. INSTALL SPRINKLER HEADS UNDER GARAGE DOOR.
4. INSTALL HIGH TEMP CONCELAED SPRINKLER HEAD IN THIS AREA.
5. FEED FIRE PROTECTION BRANCH PIPE FOR SGR FROM BELOW. COORDINATE WITH ARCHITECT.
6. 2ND FLOOR AREA 'D' SPRINKLER MAIN.
7. CLERESTORY SPRINKLER MAINS.
8. AUXILIARY DRAIN FOR CLERESTORY MAINS.



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PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST

BID DOCUMENTS

17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	AMB	AMB

DRAWING TITLE:

GROUND FLOOR PLAN - UNIT D - FIRE PROTECTION

CERTIFIED BY:

Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

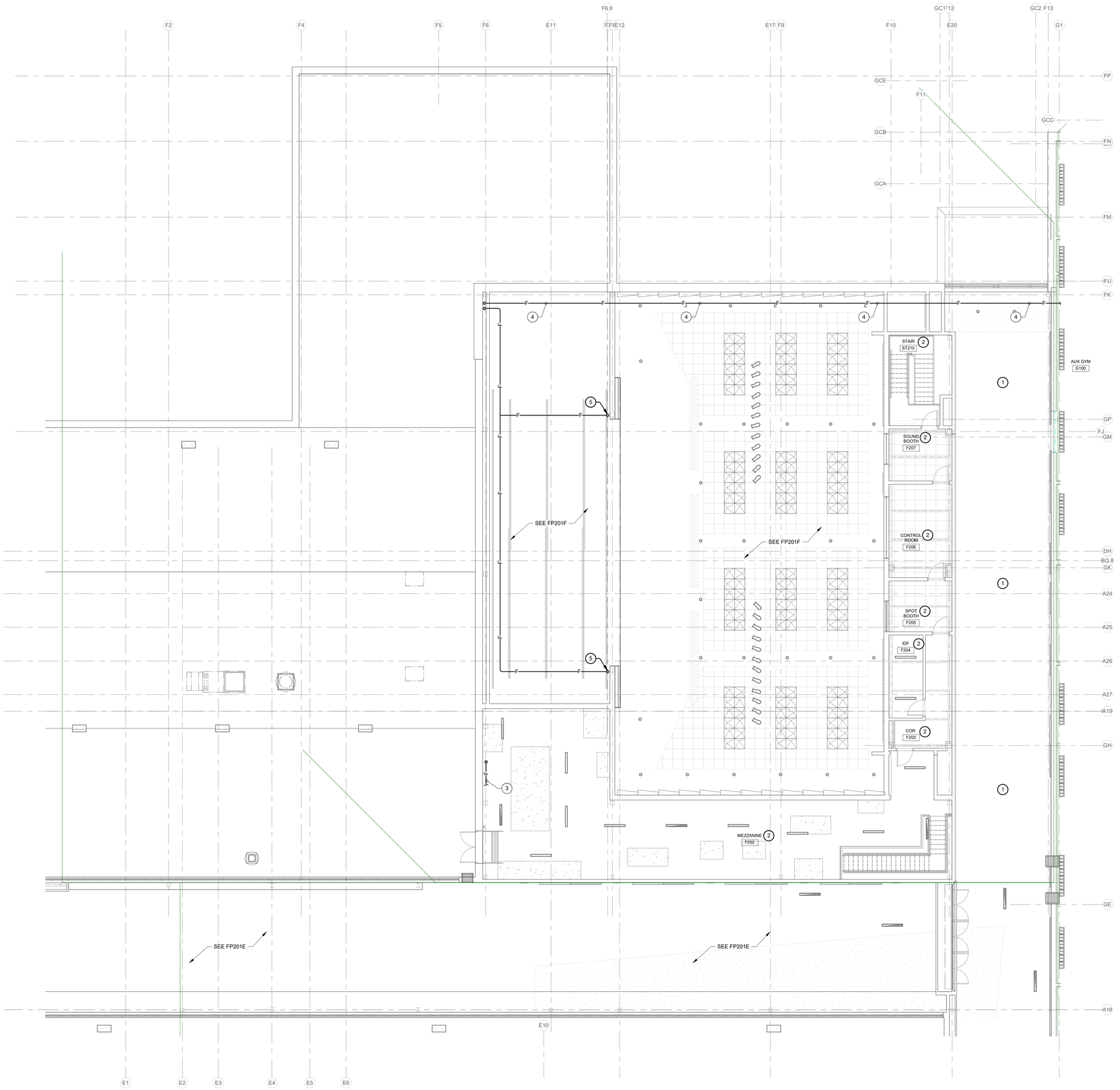
8/09/2024

DRAWING NUMBER

FP202D

PROJECT NUMBER

2023061



SECOND FLOOR - UNIT F - FIRE PROTECTION

SCALE: 1/8" = 1'-0"

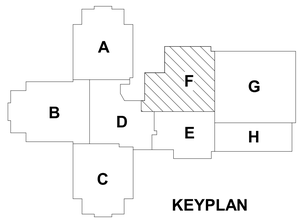
NORTH

GENERAL NOTES:

1. REFER TO SHEET FP201 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

1. INSTALL CONCEALED SPRINKLER HEADS IN THIS AREA.
2. INSTALL UPRIGHT SPRINKLER HEADS IN THIS AREA.
3. 2ND FLOOR AREA 'F' SPRINKLER MAIN.
4. BUILDING FIRE MAIN FROM PUMP IN WATER SERVICE ROOM.
5. 2 1/2" ANGLE HOSE VALVE AT 48" A.F.F.



KEYPLAN

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R.E. Dimond and Associates, Inc.
Consulting Engineers
732 North Capitol Avenue
Indianapolis, IN 46204
Phone: (317) 634-4672
Fax: (317) 638-8725

D&A# 23085

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	AMB	AMB

DRAWING TITLE:

GROUND FLOOR PLAN - UNIT F - FIRE PROTECTION

CERTIFIED BY:

Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

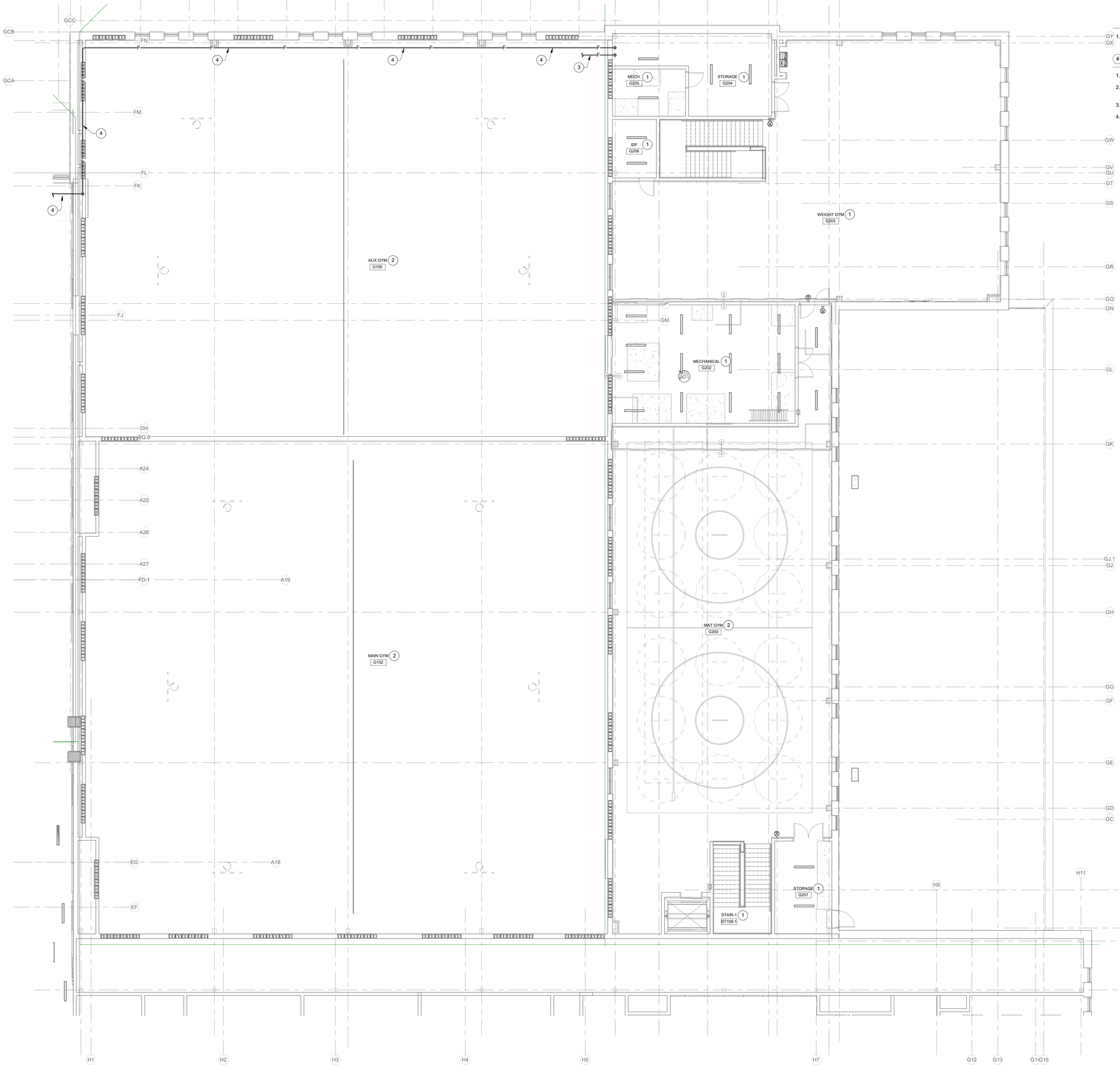
8/09/2024

DRAWING NUMBER

FP202F

PROJECT NUMBER

2023061



GENERAL NOTES:

1. REFER TO SHEET FP201 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

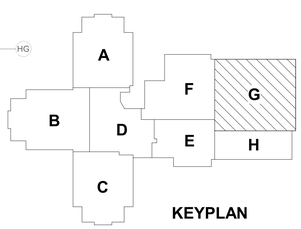
1. INSTALL UPRIGHT SPRINKLER HEADS IN THIS AREA.
2. INSTALL UPRIGHT SPRINKLER HEADS WITH HEAD CAGES IN THIS AREA.
3. 2ND FLOOR AREA 'G' AND GYMNASIUM SPRINKLER MAIN.
4. BUILDING FIRE MAIN FROM PUMP IN WATER SERVICE ROOM.

SECOND FLOOR - UNIT G - FIRE PROTECTION

SCALE: 1/8" = 1'-0"

NORTH

0 2 4 6 8 16 24 32
1 2 3 4



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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

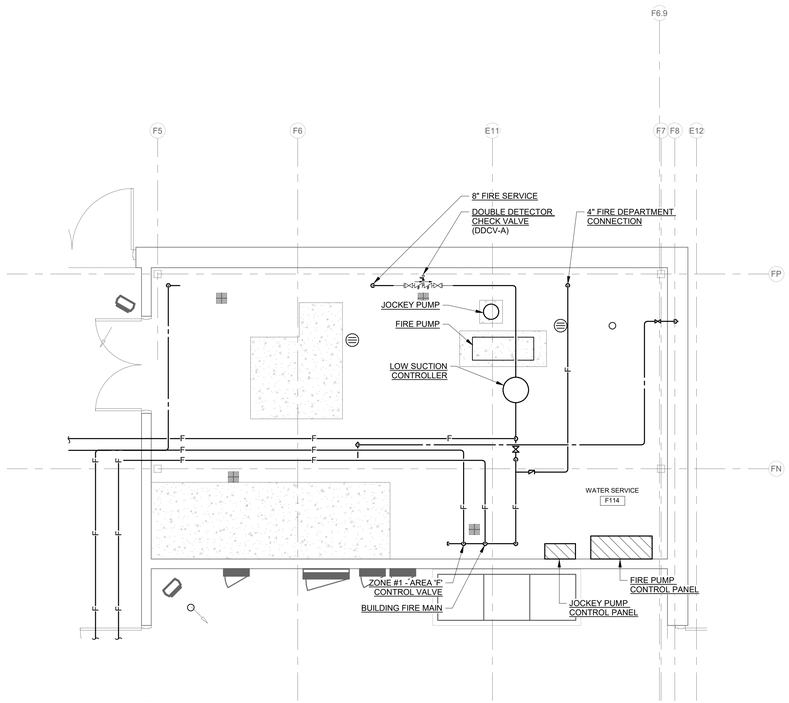
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	AMB	AMB

DRAWING TITLE:
GROUND FLOOR PLAN - UNIT G - FIRE PROTECTION

CERTIFIED BY:
Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
FP202G

PROJECT NUMBER
2023061



NORTH

MECHANICAL ROOM UNIT F - FIRE PROTECTION

SCALE: 1/4" = 1'-0"

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PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	AMB	AMB

DRAWING TITLE:
ENLARGED PLANS - FIRE PROTECTION

CERTIFIED BY:
Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
FP301

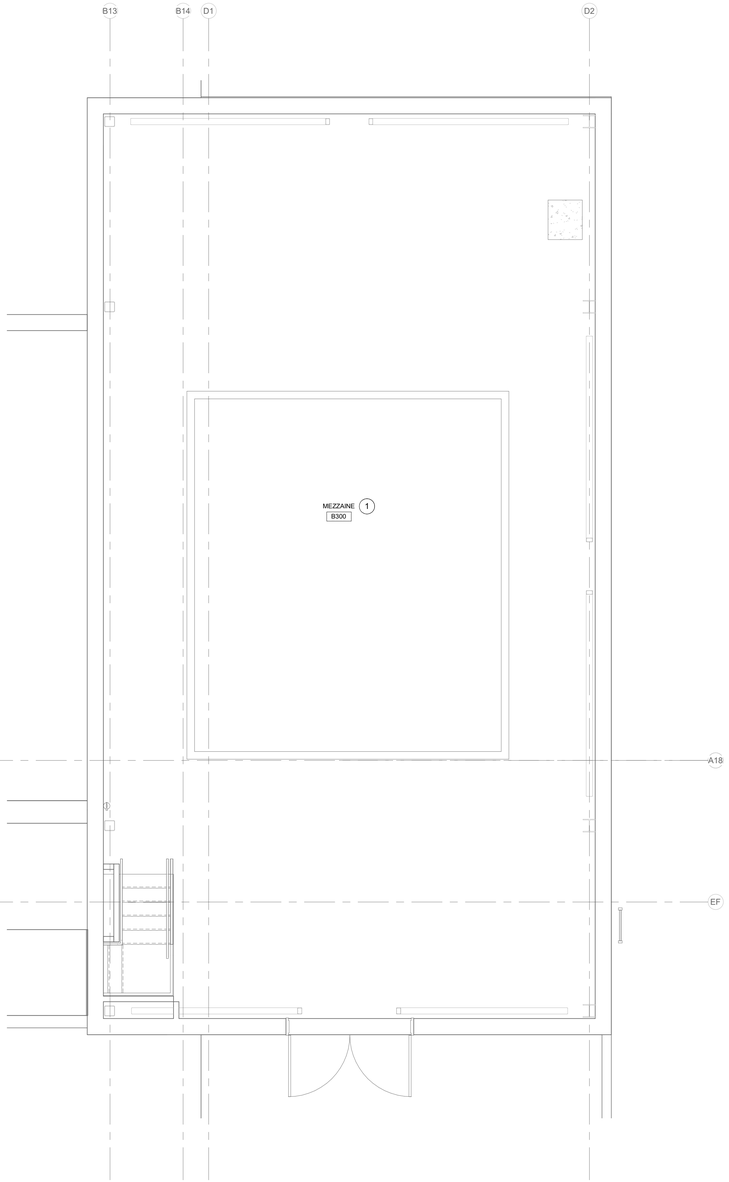
PROJECT NUMBER
2023061

GENERAL NOTES:

1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

(#) PLAN NOTES:

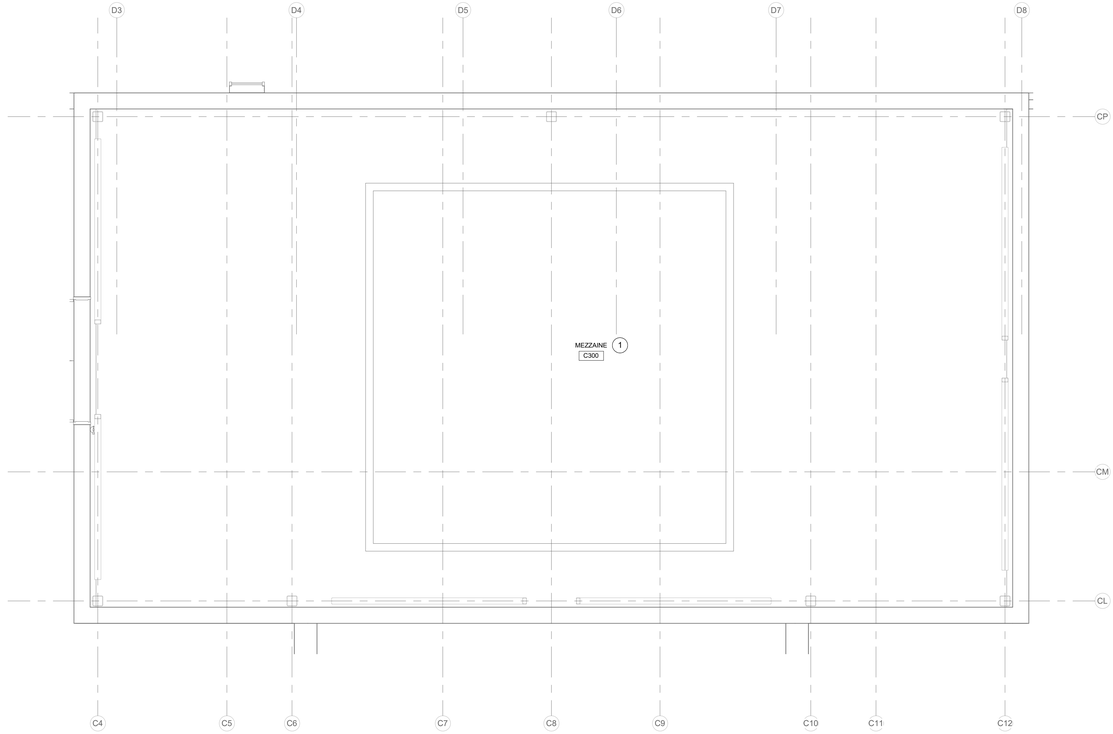
1. INSTALL UPRIGHT SPRINKLER HEADS IN THIS AREA.



WEST MECH PENTHOUSE - FIRE PROTECTION

SCALE: 1/4" = 1'-0"

NORTH



SOUTH MECH PENTHOUSE - FIRE PROTECTION

SCALE: 1/4" = 1'-0"

NORTH

0 1 2 3 4 8 12 16

1 2 3 4

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PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

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The Trade Contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	AMB	DED

DRAWING TITLE:

ENLARGED PLANS - FIRE PROTECTION

CERTIFIED BY:

Joseph Michael Chrisman
REGISTERED
No. PE11700335
STATE OF
INDIANA
PROFESSIONAL ENGINEER

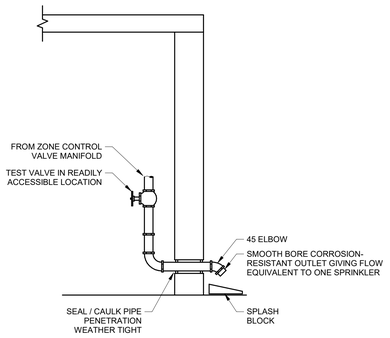
8/09/2024

DRAWING NUMBER

FP302

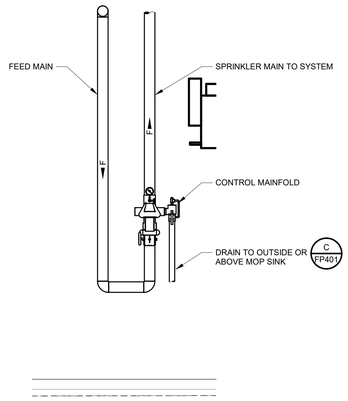
PROJECT NUMBER

2023061



C SPRINKLER TEST DRAIN ASSEMBLY

SCALE: NONE

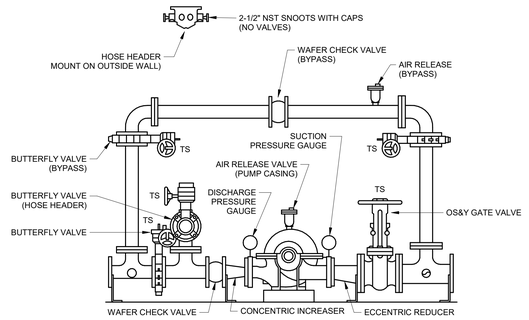


B TYPICAL SYSTEM RISER

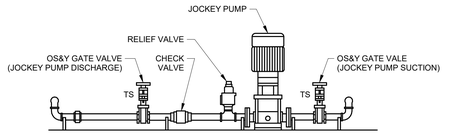
SCALE: NONE

NOTES:

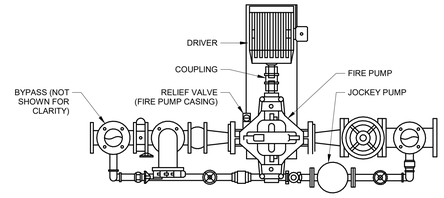
1. THE PUMP AND DRIVER SHALL BE MOUNTED ON A COMMON GROUTED BASE PLATE. THE BASE PLATE SHOULD BE SECURELY ATTACHED TO THE SOLID FOUNDATION IN SUCH A WAY THAT PROPER PUMP AND DRIVER SHAFT ALIGNMENT WILL BE ENSURED. THE PUMP AND DRIVER ON SEPARATELY COUPLED TYPE PUMPS SHOULD BE CONNECTED BY A RIGID COUPLING, FLEXIBLE COUPLING, OR FLEXIBLE CONNECTION SHAFT. ALL COUPLING TYPES SHOULD BE LISTED FOR THIS SERVICE.
2. COUPLINGS THAT USE ONLY ELECTROMETRIC MATERIALS FOR POWER TRANSMISSION ARE NOT ACCEPTABLE.
3. THE PRESSURE SENSING LINE OF THE FIRE PUMP AND JOCKEY CONTROLLER SHOULD BE LOCATED BETWEEN THE CHECK VALVE ANT THE OS&Y VALVE OF THE PUMP DISCHARGE.
4. INSTALL A PUMP DISCHARGE THROTTLING VALVE ON THE DISCHARGE SIDE OF THE FIRE PUMP.
5. INSTALL A MAIN FLOW SWITCH ON THE DISCHARGE SIDE OF THE FIRE PUMP / JOCKEY PUMP SYSTEM.



SIDE VIEW
(FIRE PUMP WITHOUT JOCKEY PUMP)



SIDE VIEW (JOCKEY PUMP)



TOP VIEW (FIRE PUMP)

A FIRE PUMP DETAIL

SCALE: NONE

FIRE PROTECTION EQUIPMENT SCHEDULE

MARK NO.	SPECIFICATION NAME	MANUFACTURER & MODEL NO.	ELECTRICAL DATA			WT.	CAPACITY	REMARKS
			LOAD	VOLTS	PHASE			
FP-A	ELECTRIC FIRE PUMP	AC FIRE PUMP 8100 8x6x12F-S, 1765	25 HP	460	3	-	0 GPM AT 47 PSI 750 GPM AT 40 PSI 1125 GPM AT 26 PSI	HORIZONTAL SPLIT-CASE PUMP, ELECTRIC MOTOR DRIVEN; LOW SUCTION CONTROLLER, CITY BYPASS. INCLUDED CONTROLLER WITH SOFT START, SERVICE RATED.
JP-A	JOCKEY PUMP	AC FIRE PUMP 1SV (e-SV) STAGE 9	1 HP	460	3	-	10 GPM AT 70 PSI	MULTI-STAGE CENTRIFUGAL JOCKEY PUMP. INCLUDED JOCKEY PUMP CONTROLLER. SERVICE RATED.
LSCV-A	FIRE PUMP SUCTION CONTROL VALVE	CAL-VAL #50B-5KG-6"	-	-	-	-	-	6" FLANGED ENDS
TH-A	FIRE PUMP TEST HEADER	AC FIRE PUMP 4" HOSE HEADER	-	-	-	-	(3) - 2 1/2" TEST CONNECTION DESIGNED FOR 250 GPM PER CONNECTION	INCLUDE "FIRE PUMP TEST CONNECTION" SIGNAGE
DDCV-A	DOUBLE DETECTOR CHECK VALVE	AMES 3000SS-8"	-	-	-	-	750 GPM AT 4 PSI DROP	-

MAIN CAPACITY FLOW TEST RESULTS ONLY

TEST HYD LOCATION	
17901 EAGLETOWN RD, WESTFIELD, IN	
STATIC	**PITOT**
56 PSI	1,000 GPM
RESIDUAL	**ORIFICE SIZE**
44 PSI	2-1/2"
DATE TESTED	**TIME TESTED**
01-05-2023	1:00 PM

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Consulting Engineers
732 North Capitol Avenue
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Phone (317) 634-4672
Fax (317) 636-8725

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	AMB	AMB

DRAWING TITLE:
DETAILS AND SCHEDULES - FIRE PROTECTION

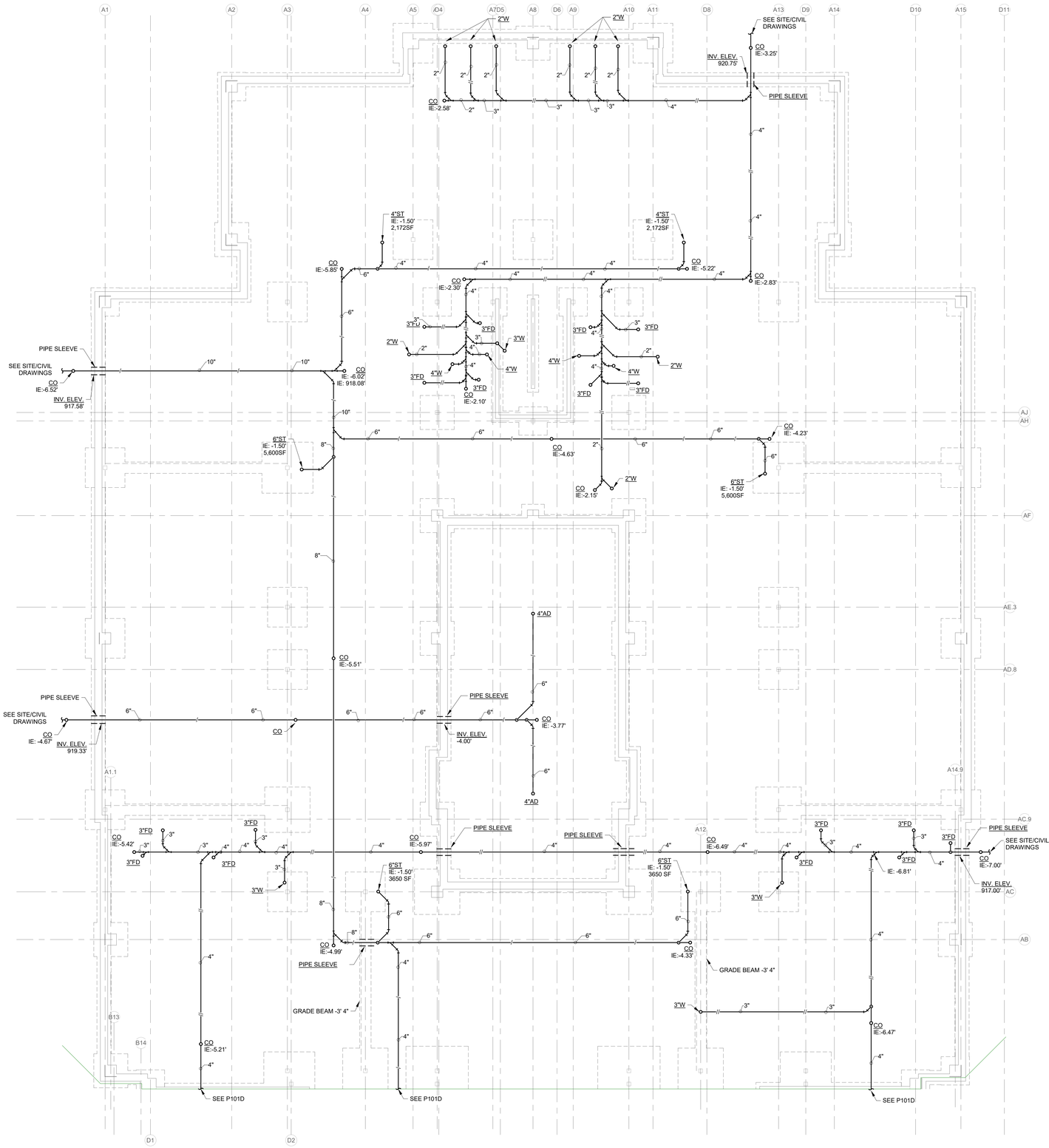
CERTIFIED BY:
Joseph Michael Chrisman
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
FP401

PROJECT NUMBER
2023061

GENERAL NOTES:

1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.



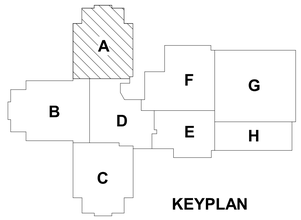
UNDERSLAB - UNIT A - PLUMBING

SCALE: 1/8" = 1'-0" F.F.E. 924.00'

NORTH

0 2 4 6 8 16 24 32

1 2 3 4



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Fax (317) 636-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	GAC	GAC

DRAWING TITLE:

UNDERSLAB PLAN - UNIT A - PLUMBING

CERTIFIED BY:

Joseph Michael Chrisman
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

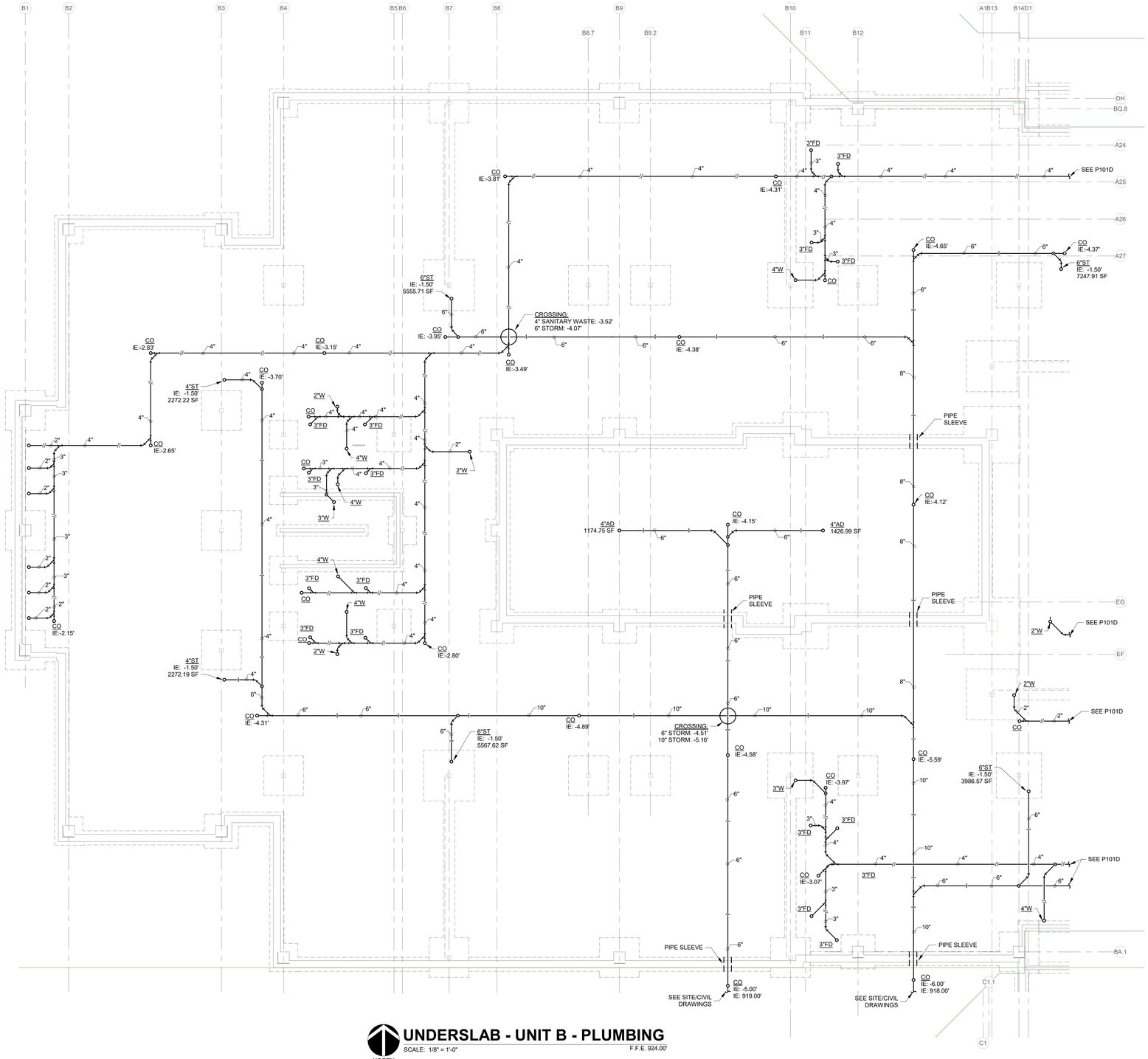
P101A

PROJECT NUMBER

2023061

GENERAL NOTES:

1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.



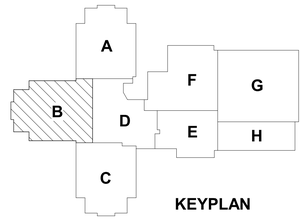
UNDERSLAB - UNIT B - PLUMBING

SCALE: 1/8" = 1'-0"

F.F.E. 924.00'

NORTH





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ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	GAC	GAC

DRAWING TITLE:

UNDERSLAB PLAN - UNIT B - PLUMBING

CERTIFIED BY:

Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

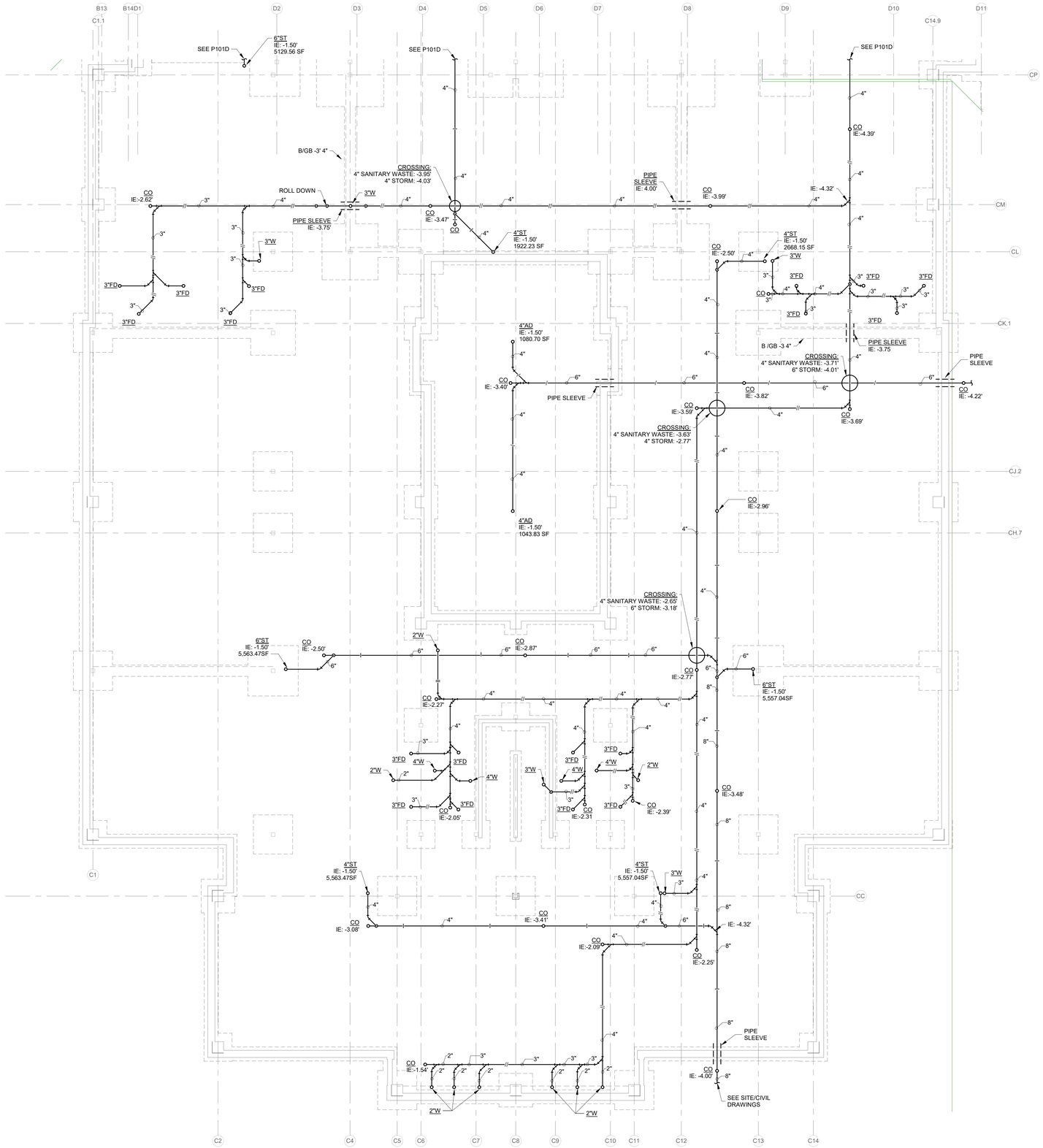
P101B

PROJECT NUMBER

2023061

GENERAL NOTES:

1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

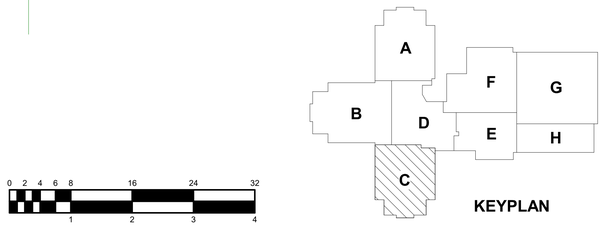


UNDERSLAB - UNIT C - PLUMBING

SCALE: 1/8" = 1'-0"

F.F.E. 924.00'

NORTH



KEYPLAN

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Consulting Engineers

D&A# 23085

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Fax: (317) 638-8725

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	GAC	GAC

DRAWING TITLE:

UNDERSLAB PLAN - UNIT C - PLUMBING

CERTIFIED BY:

Joseph Michael Chrapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

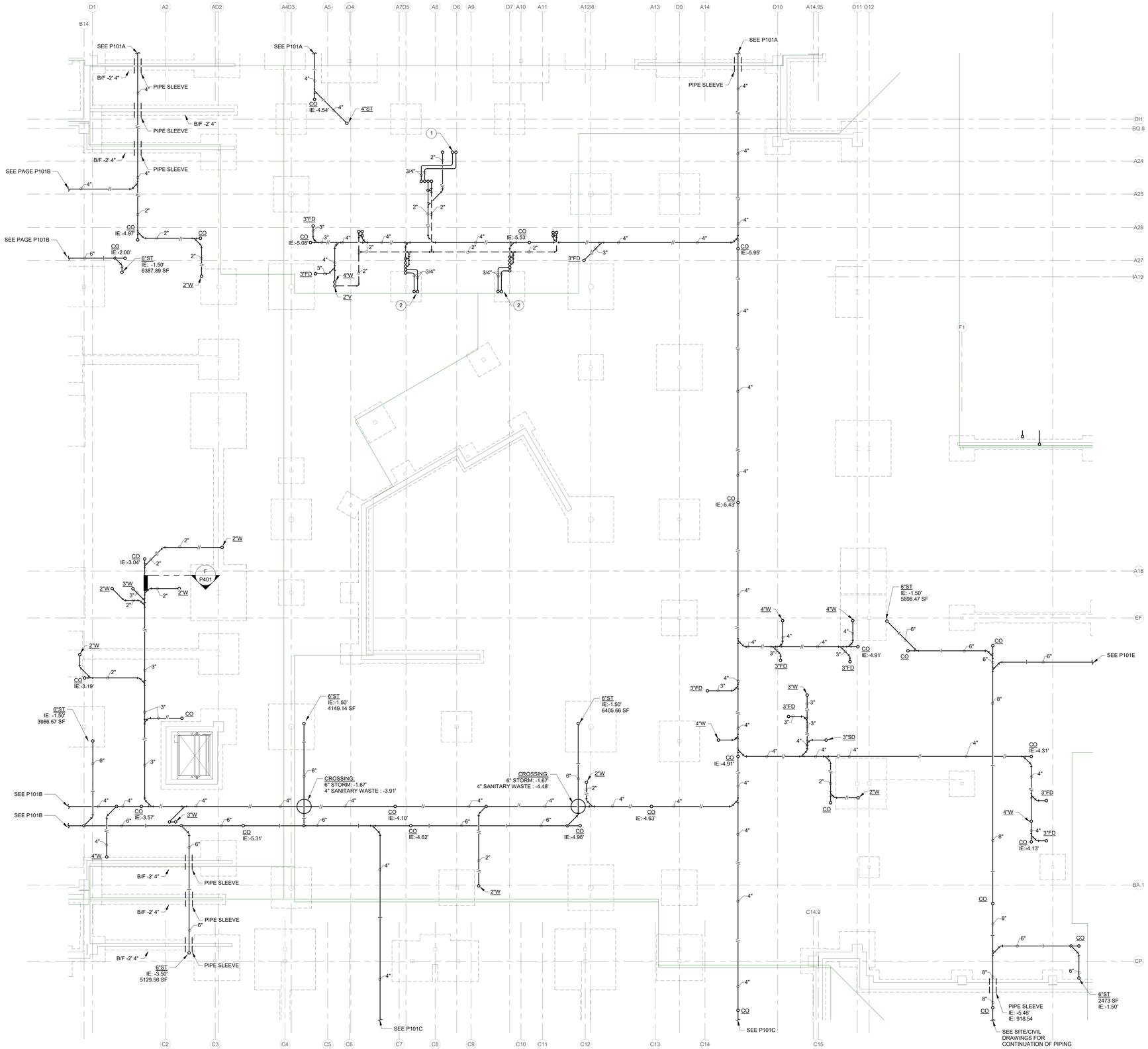
8/09/2024

DRAWING NUMBER

P101C

PROJECT NUMBER

2023061



UNDERSLAB - UNIT D - PLUMBING

SCALE: 1/8" = 1'-0"

F.F.E. 924.00'

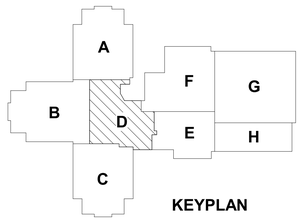
NORTH

GENERAL NOTES:

1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

1. 3/4" HW AND COLD WATER FROM ABOVE AND 1 1/2" VENT UP. 2" WASTE DOWN.
2. 3/4" HW AND CW WATER FROM ABOVE.



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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.

On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	GAC	GAC

DRAWING TITLE:

UNDERSLAB PLAN - UNIT D - PLUMBING

CERTIFIED BY:

Joseph Michael Chrapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

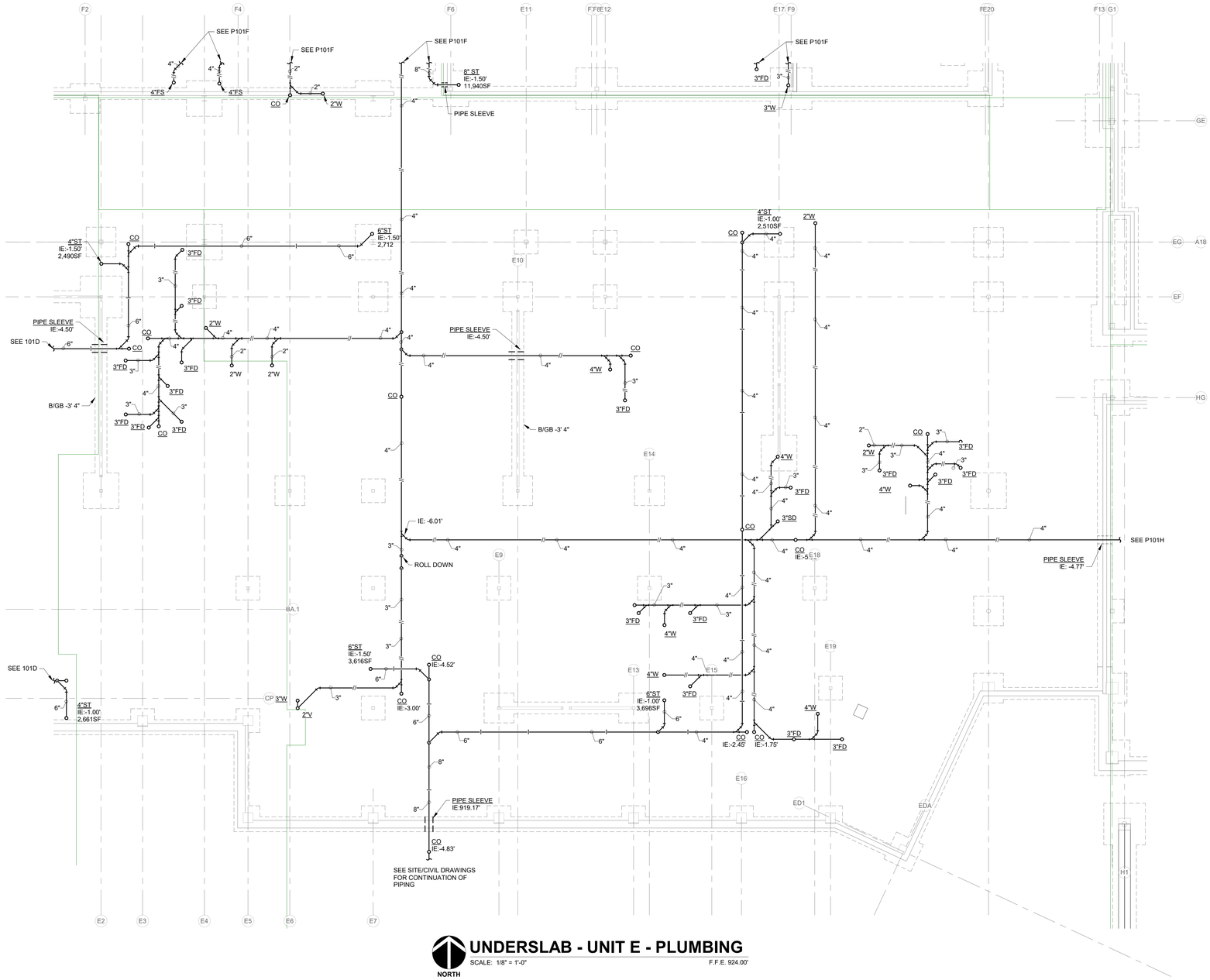
P101D

PROJECT NUMBER

2023061

GENERAL NOTES:

1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

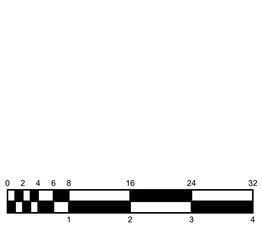


UNDERSLAB - UNIT E - PLUMBING

SCALE: 1/8" = 1'-0"

F.F.E. 924.00'

NORTH



KEYPLAN

0 2 4 6 8 16 24 32

1 2 3 4

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D&A# 23085

R.E. Dimond and Associates, Inc.
Consulting Engineers
732 North Capitol Avenue
Indianapolis, IN 46204
Phone: (317) 634-4672
Fax: (317) 639-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. They are not intended to be construction drawings. Describe all work required for full performance and completion of the requirements of the Contract.
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08/09/24	GAC	GAC

DRAWING TITLE:

UNDERSLAB PLAN - UNIT E - PLUMBING

CERTIFIED BY:

Joseph Michael Chrisman
REGISTERED
No. PE11700335
STATE OF
INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

P101E

PROJECT NUMBER

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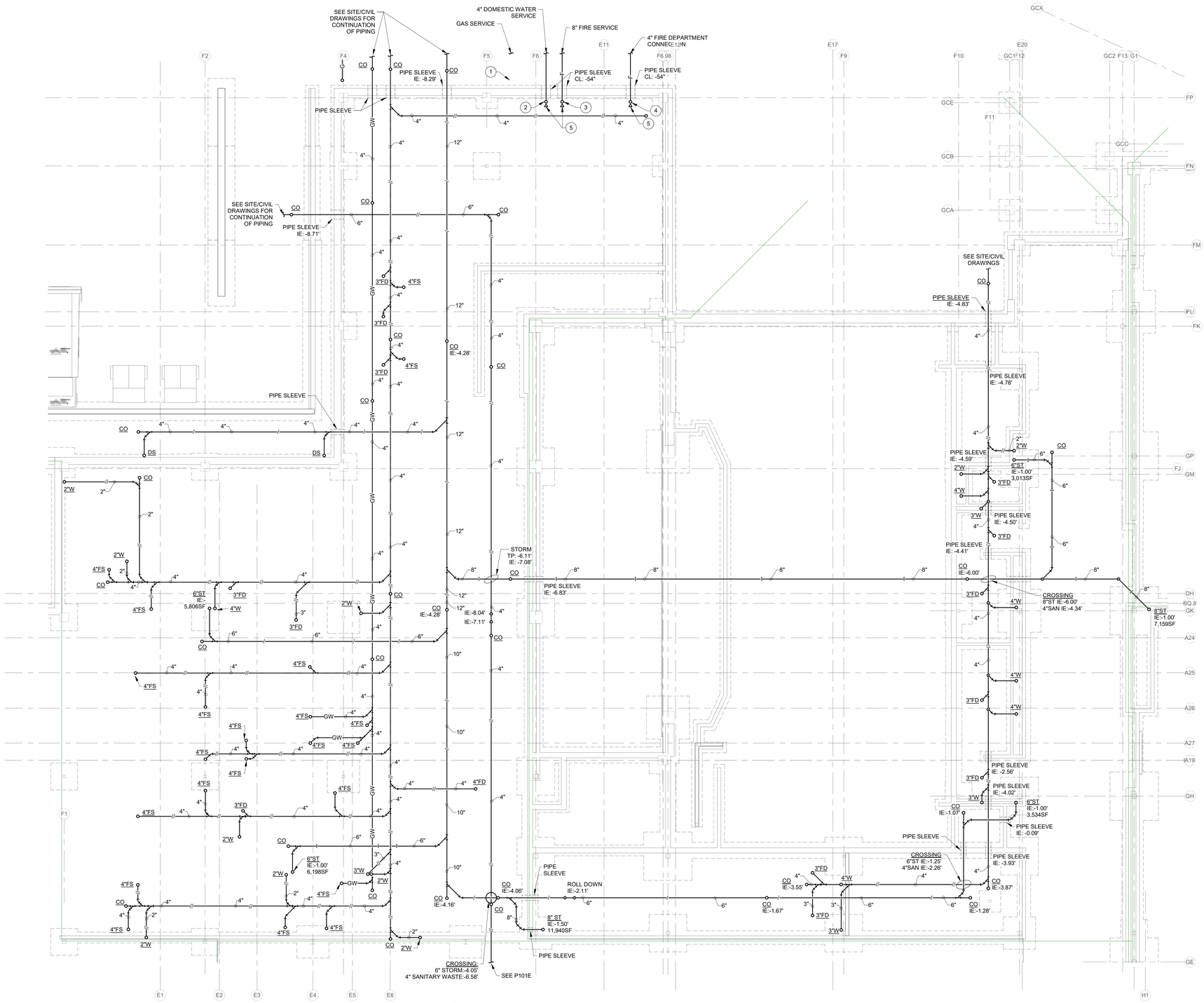


UNDERSLAB - UNIT F - PLUMBING

SCALE: 1/8" = 1'-0"

F.F.E. 924.00'

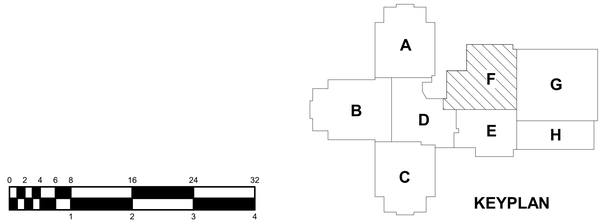
NORTH

GENERAL NOTES:

1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.
2. ALL SANITARY AND GREASE WASTE PIPING UNDERNEATH THE KITCHEN SHALL BE CAST IRON PIPE.

PLAN NOTES:

1. 3" GAS SERVICE UP.
2. 4" DOMESTIC WATER UP, TERMINATE WITH FLANGE 1'-0" A.F.F.
3. 8" FIRE SERVICE UP, TERMINATE WITH FLANGE 1'-0" A.F.F.
4. 4" FIRE FROM FIRE DEPARTMENT CONNECTION, TERMINATE WITH FLANGE 1'-0" A.F.F.
5. THRUST BLOCK.



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Phone: (317) 634-4672
Fax: (317) 638-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

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REVISIONS:

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DRAWING TITLE:

UNDERSLAB PLAN - UNIT F - PLUMBING

CERTIFIED BY:

Joseph Michael Chapla
REGISTERED
No. PE11700335
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8/09/2024

DRAWING NUMBER

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PROJECT NUMBER

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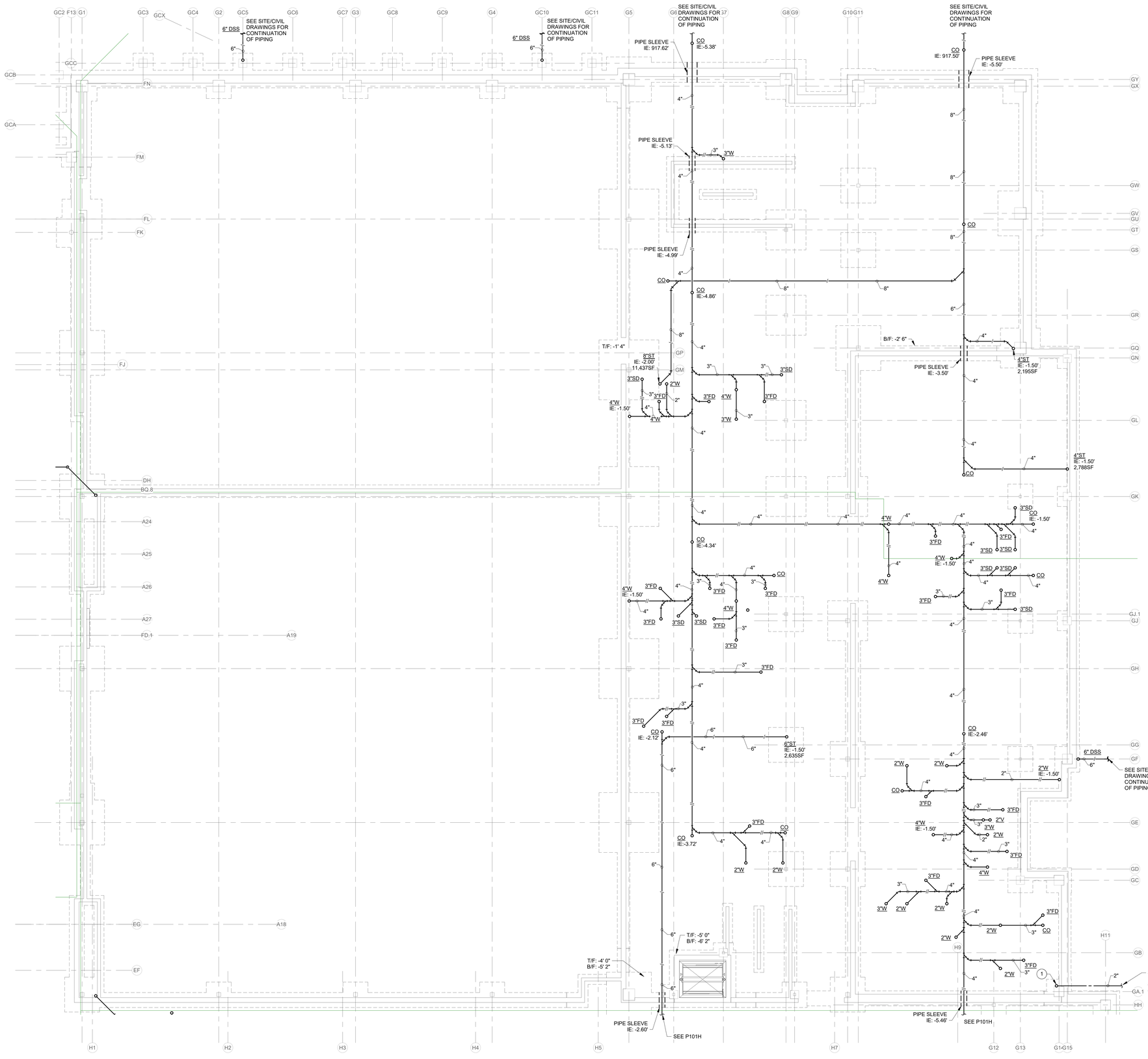


UNDERSLAB - UNIT G - PLUMBING

SCALE: 1/8" = 1'-0"

F.F.E. 924.00'

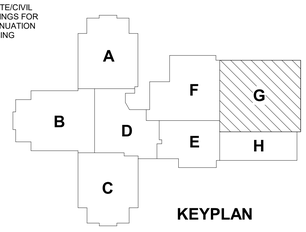
NORTH

GENERAL NOTES:

1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

1. 2" COLD WATER FROM ABOVE.



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PROJECT:

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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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DRAWING TITLE:

UNDERSLAB PLAN - UNIT G - PLUMBING

CERTIFIED BY:

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STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

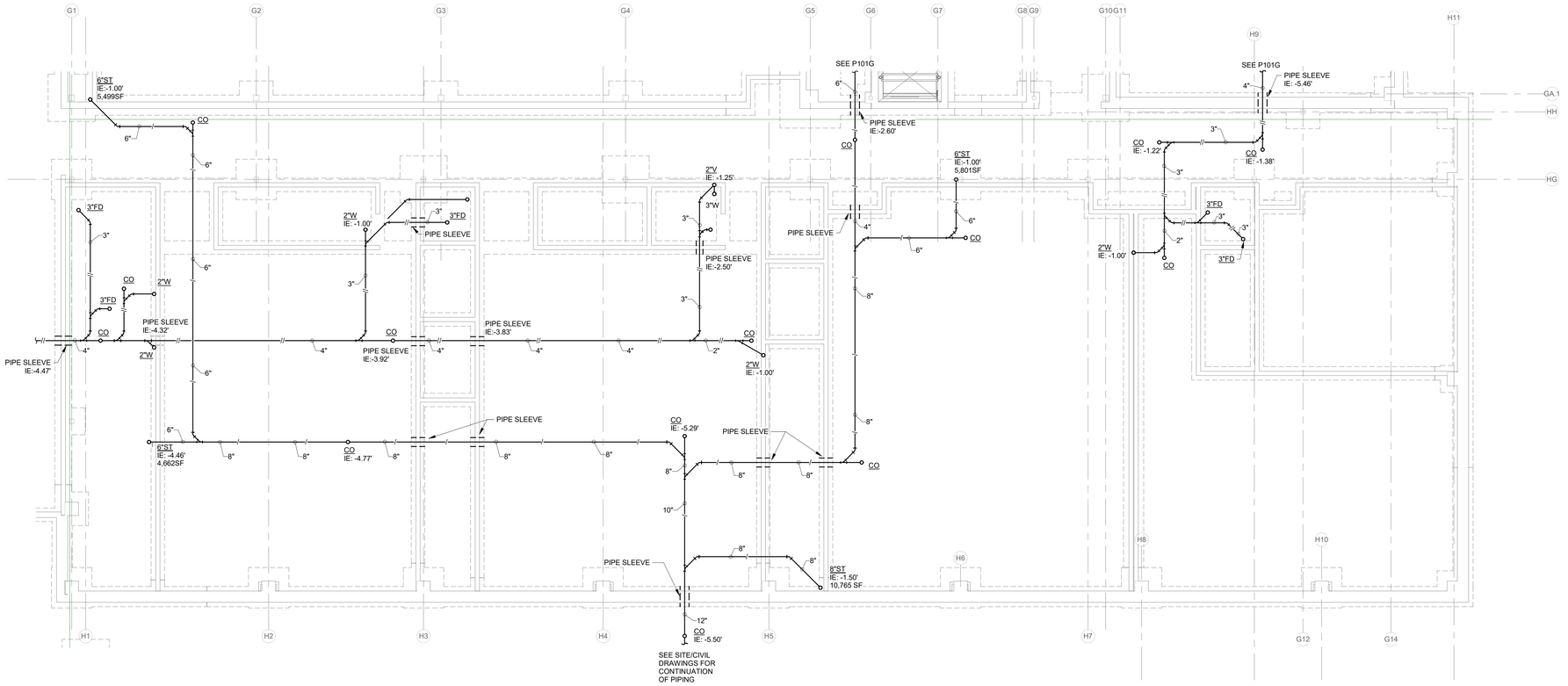
P101G

PROJECT NUMBER

2023061

GENERAL NOTES:

1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

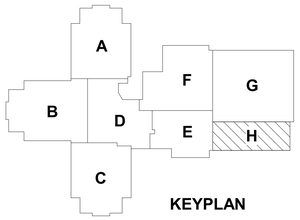


UNDERSLAB - UNIT H - PLUMBING

SCALE: 1/8" = 1'-0"

F.F.E. 923.00'

NORTH



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PROJECT:

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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
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DRAWING TITLE:

UNDERSLAB PLAN - UNIT H - PLUMBING

CERTIFIED BY:

Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

P101H

PROJECT NUMBER

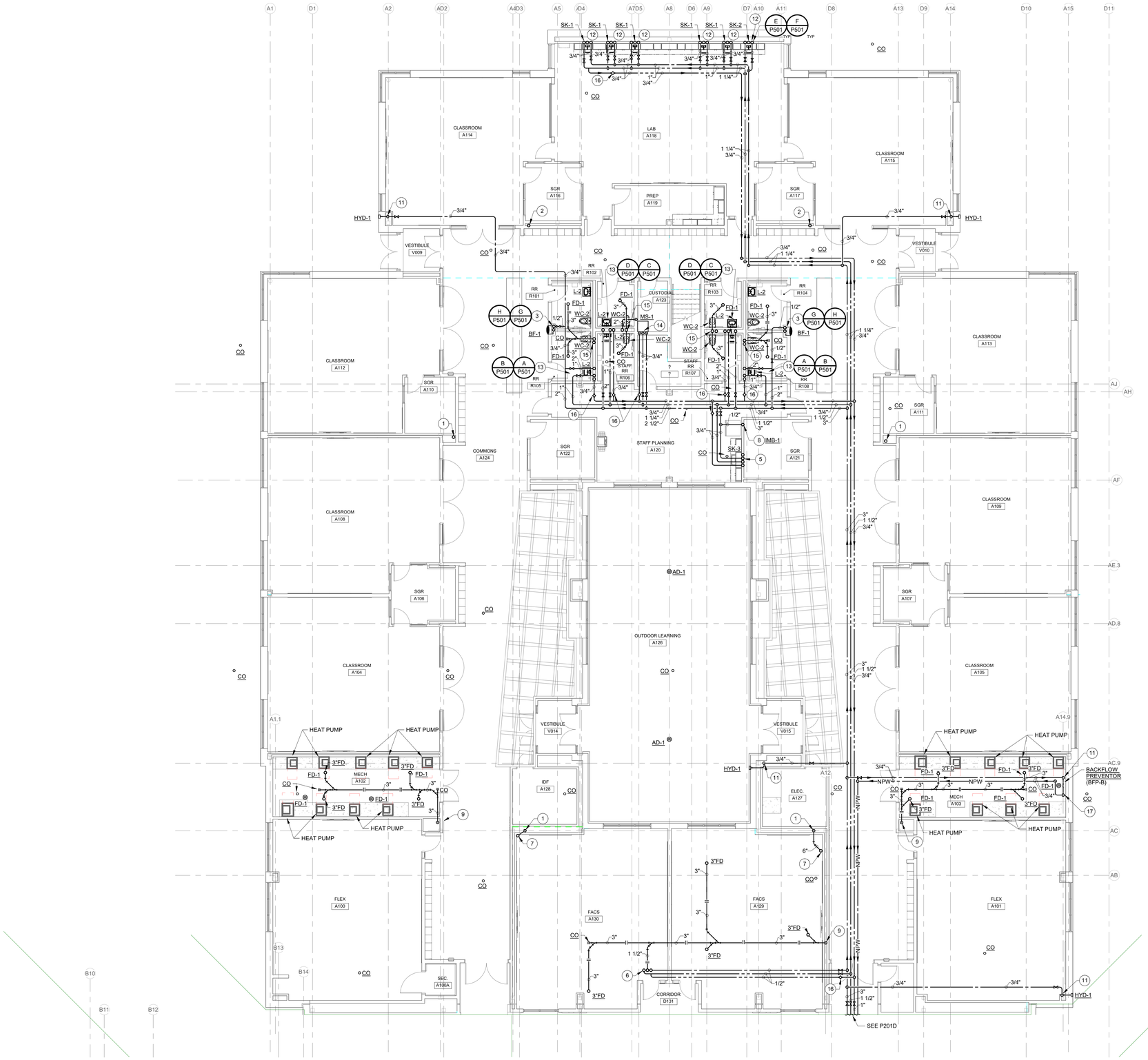
2023061

GENERAL NOTES:

1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

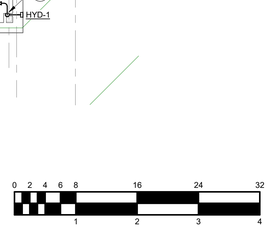
1. 6" STORM CONDUCTOR DOWN.
2. 4" STORM CONDUCTOR DOWN.
3. 1/2" COLD WATER, 2" COMBINED VENT-WASTE STACK UP.
4. 1/2" HOT AND COLD WATER, 1 1/2" SANITARY WASTE DOWN. 1 1/2" VENT UP.
5. 3/4" HOT WATER, 3/4" COLD WATER, AND 2" COMBINED VENT-WASTE STACK FROM ABOVE AND DOWN.
6. 1/2" HOT AND COLD WATER UP. 1 1/2" SANITARY WASTE FROM BELOW.
7. 6" STORM CONDUCTOR FROM ABOVE.
8. 1/2" COLD WATER DOWN. 1/2" COLD WATER UP.
9. 3" SANITARY WASTE DOWN.
10. 3" SANITARY WASTE FROM ABOVE.
11. 3/4" COLD WATER DOWN.
12. 1/2" HOT AND COLD WATER UP. 1/2" HOT AND COLD WATER DOWN. 2" COMBINATION WASTE AND VENT STACK.
13. 1 1/2" COLD WATER AND 1/2" HOT WATER UP. 1 1/2" COLD WATER AND 1/2" HOT WATER DOWN.
14. 3/4" HOT AND COLD WATER DOWN. 2" VENT FROM BELOW.
15. 4" WASTE STACK AND 2" VENT STACK.
16. BALANCE VALVE 0.5 GPM.
17. 3/4" NON-POTABLE WATER UP.



GROUND FLOOR - UNIT A - PLUMBING

SCALE: 1/8" = 1'-0"

NORTH



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PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	GAC	GAC

DRAWING TITLE:

GROUND FLOOR PLAN - UNIT A - PLUMBING

CERTIFIED BY:

Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

P201A

PROJECT NUMBER

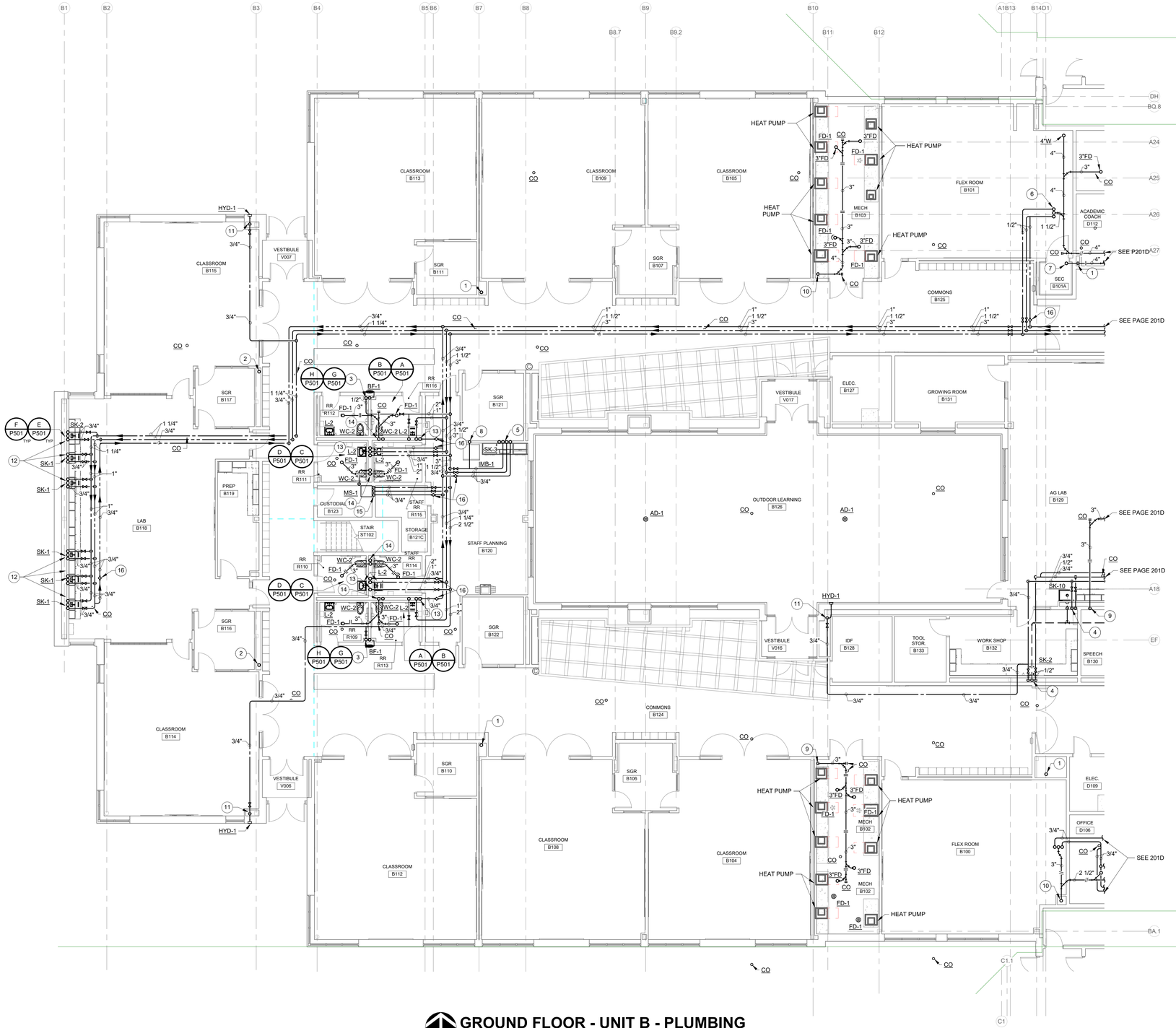
2023061

GENERAL NOTES:

1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

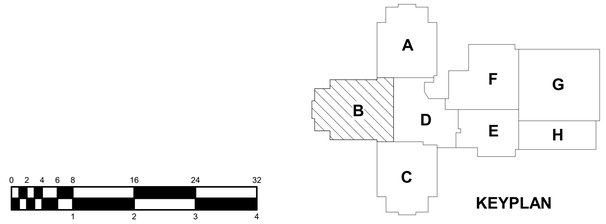
1. 6" STORM CONDUCTOR DOWN.
2. 4" STORM CONDUCTOR DOWN.
3. 1/2" COLD WATER, 2" COMBINED VENT-WASTE STACK.
4. 1/2" HOT AND COLD WATER, 1 1/2" WASTE DOWN. 1 1/2" VENT UP.
5. 3/4" HOT WATER, 3/4" COLD WATER, AND 2" COMBINED VENT-WASTE STACK FROM ABOVE AND DOWN.
6. 1/2" HOT AND COLD WATER UP. 1 1/2" WASTE FROM ABOVE.
7. 6" STORM CONDUCTOR FROM ABOVE.
8. 1/2" COLD WATER DOWN. 1/2" COLD WATER UP.
9. 3" SANITARY WASTE DOWN.
10. 4" SANITARY WASTE DOWN.
11. 3/4" COLD WATER DOWN.
12. 1/2" HOT AND COLD WATER UP. 1/2" HOT AND COLD WATER DOWN. 2" COMBINATION WASTE AND VENT STACK.
13. 1 1/2" COLD WATER AND 1/2" HOT WATER UP. 1 1/2" COLD WATER AND 1/2" HOT WATER DOWN.
14. 4" WASTE STACK AND 2" VENT STACK.
15. 3/4" HOT AND COLD WATER DOWN. 2" VENT FROM BELOW.
16. BALANCE VALVE 0.5 GPM.



GROUND FLOOR - UNIT B - PLUMBING

SCALE: 1/8" = 1'-0"

NORTH



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732 North Capitol Avenue
Indianapolis, IN 46204
Phone: (317) 634-4672
Fax: (317) 638-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

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08/09/24	GAC	GAC

DRAWING TITLE:

GROUND FLOOR PLAN - UNIT B - PLUMBING

CERTIFIED BY:

Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

P201B

PROJECT NUMBER

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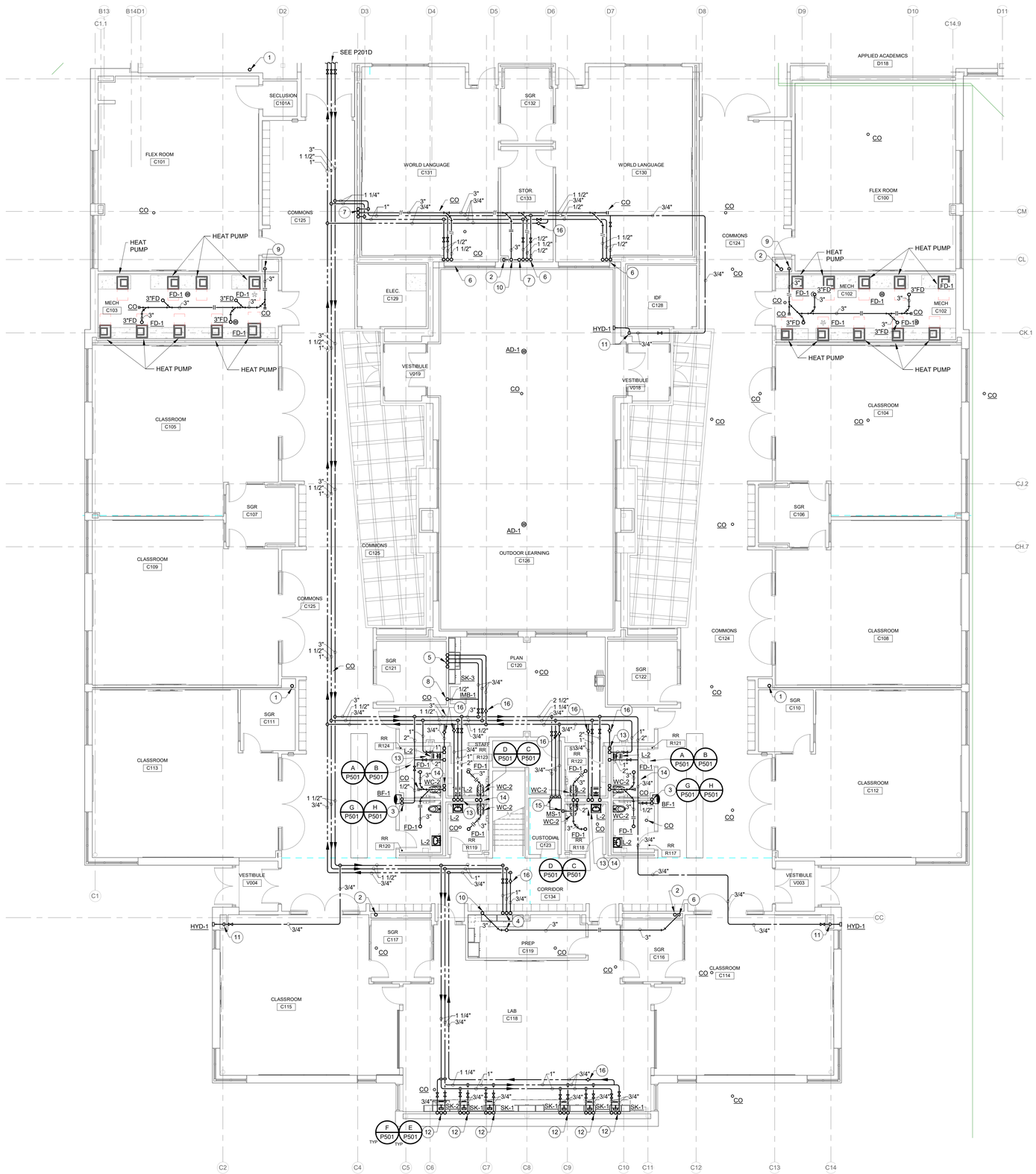


GROUND FLOOR - UNIT C - PLUMBING

SCALE: 1/8" = 1'-0"

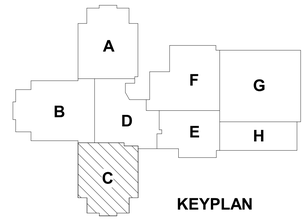
NORTH

GENERAL NOTES:

1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

1. 6" STORM CONDUCTOR DOWN.
2. 4" STORM CONDUCTOR DOWN.
3. 1/2" COLD WATER, 2" COMBINED VENT-WASTE STACK.
4. 1" HOT AND COLD WATER UP. 3" SANITARY WASTE DOWN. 3/4" HOT WATER RETURN DOWN.
5. 3/4" HOT WATER, 3/4" COLD WATER, AND 2" COMBINED VENT-WASTE STACK FROM ABOVE AND DOWN.
6. 1/2" HOT AND COLD WATER UP. 1 1/2" WASTE FROM ABOVE.
7. 1/2" COLD AND HOT WATER UP. 1 1/2" SANITARY WASTE FROM ABOVE. 3" SANITARY WASTE DOWN.
8. 1/2" COLD WATER DOWN. 1/2" COLD WATER UP.
9. 3" SANITARY WASTE DOWN.
10. 3" SANITARY WASTE FROM ABOVE.
11. 3/4" COLD WATER DOWN.
12. 1/2" HOT AND COLD WATER UP. 1/2" HOT AND COLD WATER DOWN. 2" COMBINATION WASTE AND VENT STACK.
13. 1 1/2" COLD WATER AND 1/2" HOT WATER UP. 1 1/2" COLD WATER AND 1/2" HOT WATER DOWN.
14. 4" WASTE STACK AND 2" VENT STACK.
15. 3/4" HOT AND COLD WATER DOWN. 2" VENT FROM BELOW.
16. BALANCE VALVE 0.5 GPM.



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PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
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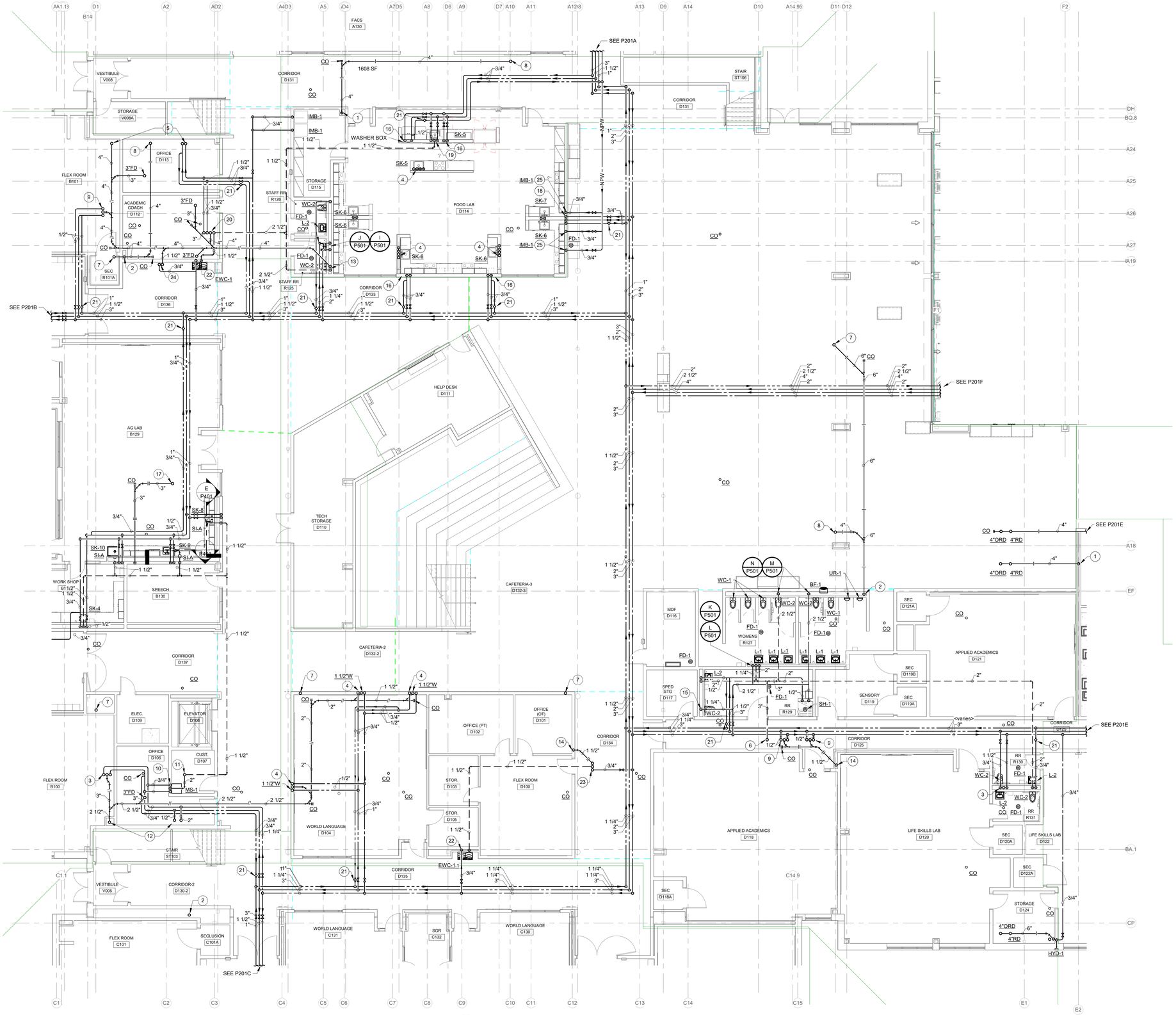
08/09/24	GAC	GAC

DRAWING TITLE:
GROUND FLOOR PLAN - UNIT C - PLUMBING

CERTIFIED BY:
Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
P201C

PROJECT NUMBER
2023061



GROUND FLOOR - UNIT D - PLUMBING

SCALE: 1/8" = 1'-0"

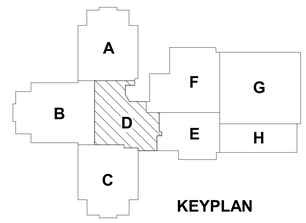
NORTH

GENERAL NOTES:

1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

1. 6" STORM CONDUCTOR DOWN.
2. 4" STORM CONDUCTOR DOWN.
3. 1 1/2" COLD WATER, 3/4" HOT WATER DOWN, AND 4" SANITARY WASTE DOWN. 2" VENT UP. 3/4" HOT WATER RETURN FROM BELOW.
4. 3/4" HOT AND COLD WATER UP.
5. 1" COLD WATER AND 1/2" HOT WATER UP. 4" SANITARY WASTE FROM ABOVE.
6. 3" VENT UP.
7. 6" STORM CONDUCTOR FROM ABOVE.
8. 4" STORM CONDUCTOR FROM ABOVE.
9. 1/2" HOT AND COLD WATER UP. 1 1/2" SANITARY WASTE FROM ABOVE.
10. 3/4" HOT AND COLD WATER UP. 2" VENT UP. 3" SANITARY WASTE DOWN.
11. 1 1/2" VENT FROM UP.
12. 1/2" HOT WATER AND 1" COLD WATER UP. 4" SANITARY WASTE FROM ABOVE. 4" SANITARY WASTE DOWN.
13. 2 1/2" VENT UP. 4" SANITARY WASTE DOWN.
14. 2" SANITARY WASTE DOWN.
15. 1" COLD WATER AND 4" SANITARY WASTE DOWN.
16. 3/4" HOT AND COLD WATER DOWN.
17. 3" SANITARY WASTE FROM ABOVE.
18. 3/4" HOT WATER, 3/4" COLD WATER, AND 3/4" HOT WATER RETURN DOWN. EXTEND 3/4" HOT AND COLD WATER THROUGH CASEWORK TO NEARBY SK-5.
19. 1/2" HOT AND COLD WATER DOWN. 2" SANITARY WASTE DOWN. 1 1/2" VENT UP.
20. 1 1/2" COLD WATER, 3/4" HOT WATER, AND 2 1/2" VENT UP. 4" SANITARY WASTE DOWN.
21. BALANCE VALVE 0.5 GPM.
22. 3/4" COLD WATER AND 2" SANITARY WASTE DOWN. 1 1/2" VENT UP.
23. 3/4" COLD WATER AND 1 1/2" VENT UP. 1 1/2" SANITARY WASTE FROM ABOVE.
24. 3/4" COLD WATER UP. 1 1/2" SANITARY WASTE FROM ABOVE.
25. 3/4" NON-POTABLE COLD WATER DOWN.



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WESTFIELD MIDDLE SCHOOL WEST
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DRAWING TITLE:

GROUND FLOOR PLAN - UNIT D - PLUMBING

CERTIFIED BY:

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STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

P201D

PROJECT NUMBER

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GENERAL NOTES:

1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

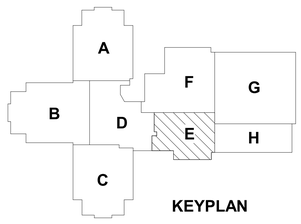
1. 4" STORM CONDUCTOR DOWN.
2. 1/2" HOT AND COLD WATER & 1 1/2" SANITARY WASTE DOWN. 1 1/2" VENT UP.
3. 3" VENT THROUGH ROOF.
4. 1/2" COLD WATER DOWN.
5. 4" SANITARY WASTE DOWN. 2" VENT UP.
6. 1 1/2" COLD WATER, 1/2" HOT WATER, AND 1 1/2" SANITARY WASTE DOWN. 1 1/2" VENT UP.
7. 1/2" HOT AND COLD WATER DOWN.
8. 1 1/2" COLD WATER, 3/4" HOT WATER, AND 1 1/2" SANITARY WASTE DOWN. 1 1/2" VENT UP.
9. 4" SANITARY WASTE DOWN. 2" VENT UP AND 3" VENT THROUGH ROOF.
10. 2" COLD WATER, 3/4" HOT WATER, AND 1 1/2" SANITARY WASTE DOWN. 1 1/2" VENT UP.
11. 6" STORM CONDUCTOR DOWN.
12. 3/4" HOT AND COLD WATER DOWN. 2" VENT FROM BELOW.
13. 3/4" HOT AND COLD WATER & 2" SANITARY WASTE DOWN. 1 1/2" VENT UP.
14. 3/4" COLD WATER DOWN.
15. BALANCE VALVE 0.5 GPM.



GROUND FLOOR - UNIT E - PLUMBING

SCALE: 1/8" = 1'-0"

NORTH



KEYPLAN

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Consulting Engineers
D&A# 23085
732 North Capitol Avenue
Indianapolis, IN 46204
Phone: (317) 634-4672
Fax: (317) 638-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.

On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	GAC	GAC

DRAWING TITLE:

GROUND FLOOR PLAN - UNIT E - PLUMBING

CERTIFIED BY:

Joseph Michael Chrapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

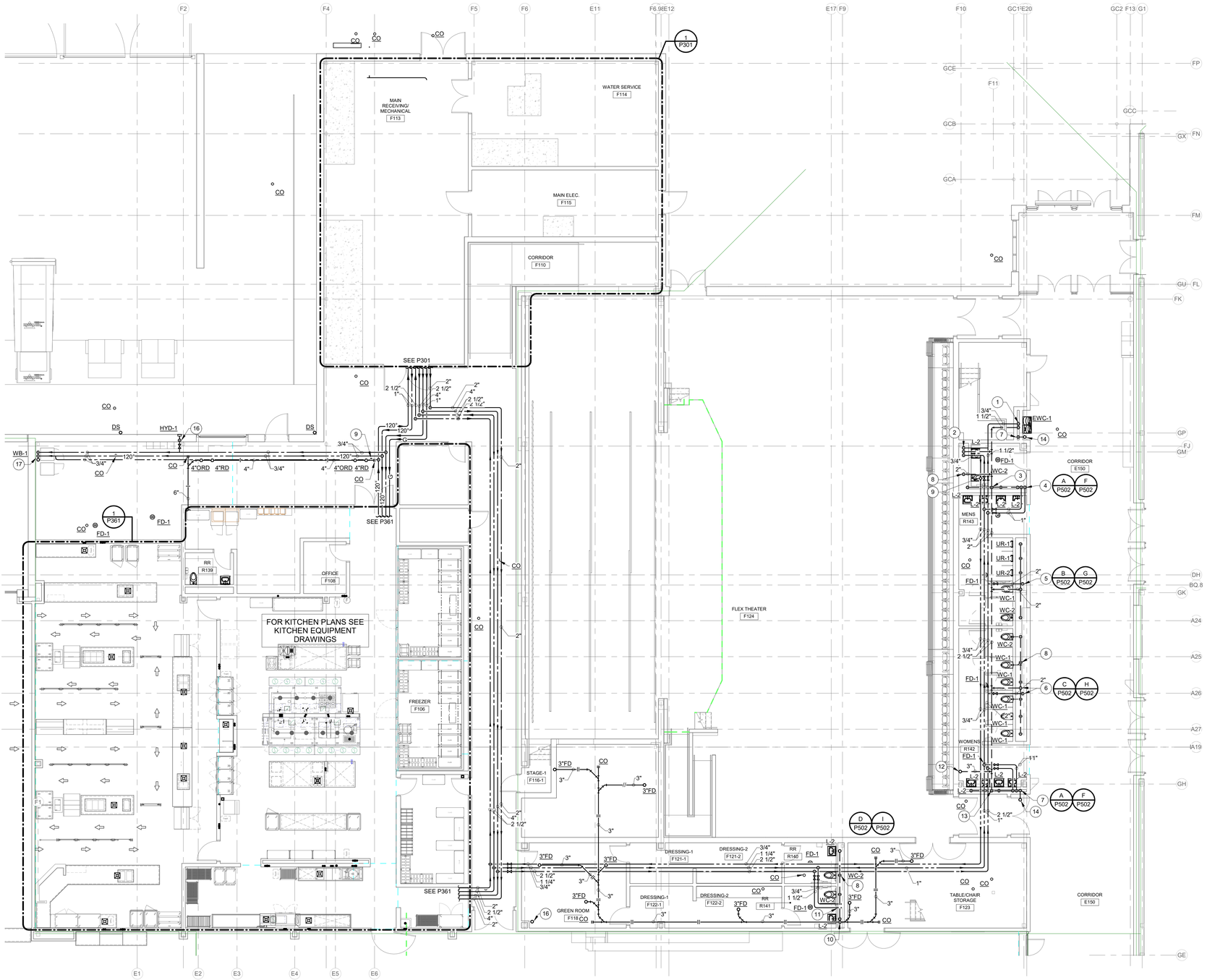
8/09/2024

DRAWING NUMBER

P201E

PROJECT NUMBER

2023061



GROUND FLOOR - UNIT F - PLUMBING

SCALE: 1/8" = 1'-0"

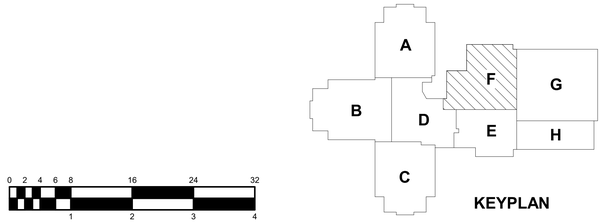
NORTH

GENERAL NOTES:

1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

1. 1/2" COLD WATER, 1 1/2" WASTE DOWN, 1 1/2" VENT UP.
2. 1 1/4" COLD WATER, 1/2" HOT WATER 1 1/2" WASTE DOWN, 1 1/2" VENT UP.
3. 3" WASTE DOWN, 2" VENT UP.
4. 1" HOT AND COLD WATER DOWN.
5. 2" COLD WATER, 4" WASTE DOWN, 2" VENT UP.
6. 2" COLD WATER DOWN. 2 1/2" VENT UP.
7. 6" STORM CONDUCTOR DOWN.
8. 4" WASTE DOWN, 2" VENT UP.
9. BALANCE VALVE 0.5 GPM.
10. 3" WASTE DOWN.
11. 1 1/2" COLD WATER, 3/4" HOT WATER DOWN.
12. 3" VENT UP.
13. 3" WASTE DOWN, 2" VENT UP.
14. 6" STORM CONDUCTOR FROM ABOVE.
15. 8" STORM CONDUCTOR DOWN.
16. 3/4" COLD WATER DOWN.
17. 3/4" COLD WATER, 3/4" HOT WATER, AND 2" WASTE DOWN. 1 1/2" VENT UP. 3" VENT THROUGH ROOF.



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732 North Capitol Avenue
Indianapolis, IN 46204
Phone: (317) 634-4672
Fax: (317) 638-8725
D&A# 23085

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.

On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	GAC	GAC

DRAWING TITLE:

GROUND FLOOR PLAN - UNIT F - PLUMBING

CERTIFIED BY:

Joseph Michael Chrapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

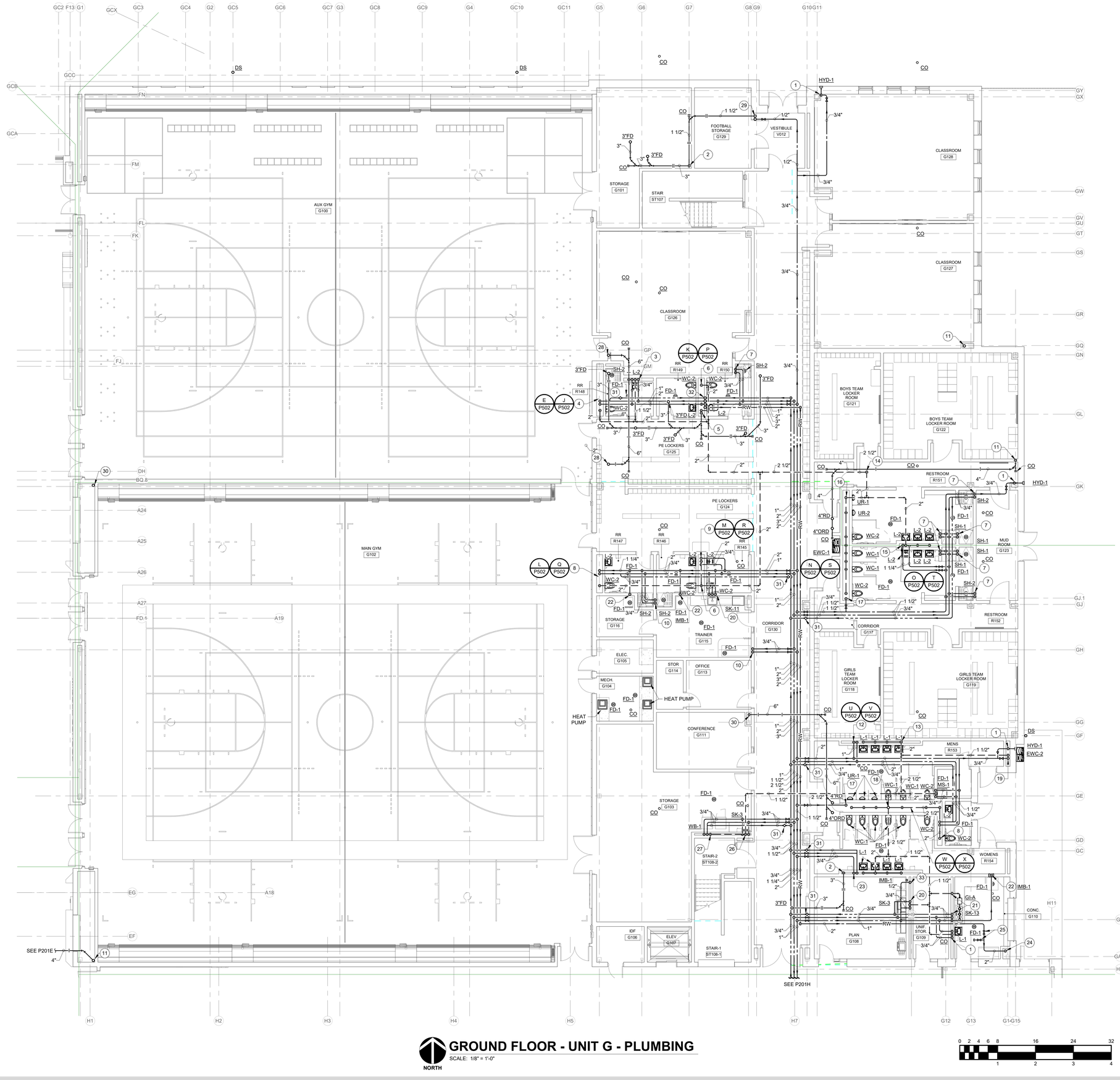
8/09/2024

DRAWING NUMBER

P201F

PROJECT NUMBER

2023061



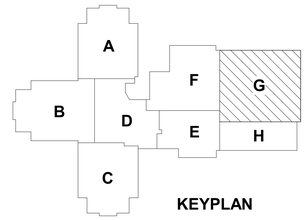
GROUND FLOOR - UNIT G - PLUMBING

GENERAL NOTES:

1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

1. 3/4" COLD WATER DOWN.
2. 3" SANITARY WASTE DOWN.
3. 3/4" HOT AND COLD WATER, 1 1/2" SANITARY WASTE DOWN, 1 1/2" VENT UP. 8" STORM CONDUCTOR DOWN.
4. 1 1/4" COLD WATER, 1/2" HOT WATER, 4" SANITARY WASTE DOWN, 2" VENT UP.
5. 2" COLD WATER, 3/4" HOT WATER, 1 1/2" SANITARY WASTE DOWN, AND 3" SANITARY WASTE DOWN.
6. 4" SANITARY WASTE DOWN, 2" VENT UP.
7. 1/2" HOT AND COLD WATER DOWN.
8. 1 1/4" COLD WATER, 1/2" HOT WATER, 4" SANITARY WASTE DOWN, 2" VENT UP.
9. 1 1/2" COLD WATER, 3/4" HOT WATER, 1 1/2" SANITARY WASTE DOWN, 1 1/2" VENT UP.
10. 3/4" HOT AND COLD WATER DOWN.
11. 4" STORM CONDUCTOR DOWN.
12. 1" HOT AND COLD WATER DOWN.
13. 3" WASTE DOWN, 2" VENT UP.
14. 4" VENT THROUGH ROOF.
15. 1 1/4" HOT AND COLD WATER, 3" SANITARY WASTE DOWN, 2" VENT UP.
16. 2" VENT UP. 2" SANITARY WASTE DOWN.
17. 2 1/2" COLD WATER DOWN.
18. 4" SANITARY WASTE DOWN, 2 1/2" VENT UP, 4" VENT UP THROUGH ROOF.
19. 3/4" COLD WATER, 1 1/2" SANITARY WASTE DOWN, 1 1/2" VENT UP.
20. 1/2" HOT AND COLD WATER, 1 1/2" SANITARY WASTE DOWN, 1 1/2" VENT UP.
21. 3/4" HOT AND COLD WATER, 2" SANITARY WASTE DOWN 1 1/2" VENT UP.
22. 3/4" COLD WATER DOWN TO ICE MACHINE.
23. 1 1/4" HOT AND COLD WATER, 3" SANITARY WASTE DOWN.
24. 2" RAW COLD WATER DOWN.
25. 2" COLD WATER BLOW DOWN POINT AND SHUT-OFF VALVES. PROVIDE TEE WITH SHUT-OFF VALVE AND COMPRESSED AIR QUICK DISCONNECT COUPLING.
26. 3/4" HOT AND COLD WATER, 1 1/2" SANITARY WASTE DOWN, 1 1/2" VENT UP.
27. 3/4" HOT AND COLD WATER, 2" SANITARY WASTE DOWN, 1 1/2" VENT UP.
28. 6" STORM CONDUCTOR FROM ABOVE.
29. 1/2 COLD WATER UP. 1 1/2" SANITARY WASTE FROM ABOVE.
30. 6" STORM CONDUCTOR DOWN.
31. BALANCE VALVE 0.5 GPM.
32. 3" COLD WATER, 2" RAW COLD WATER, AND 2" HOT WATER FROM ABOVE. 3/4" HOT WATER RETURN UP.
33. 1/2" COLD WATER DOWN.



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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the general requirements of the type of plumbing, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
It is the intent that the general scope indicated or described, the trade contractor's shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	GAC	GAC

DRAWING TITLE:
GROUND FLOOR PLAN - UNIT G - PLUMBING

CERTIFIED BY:
Joseph Michael Cunningham
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
P201G

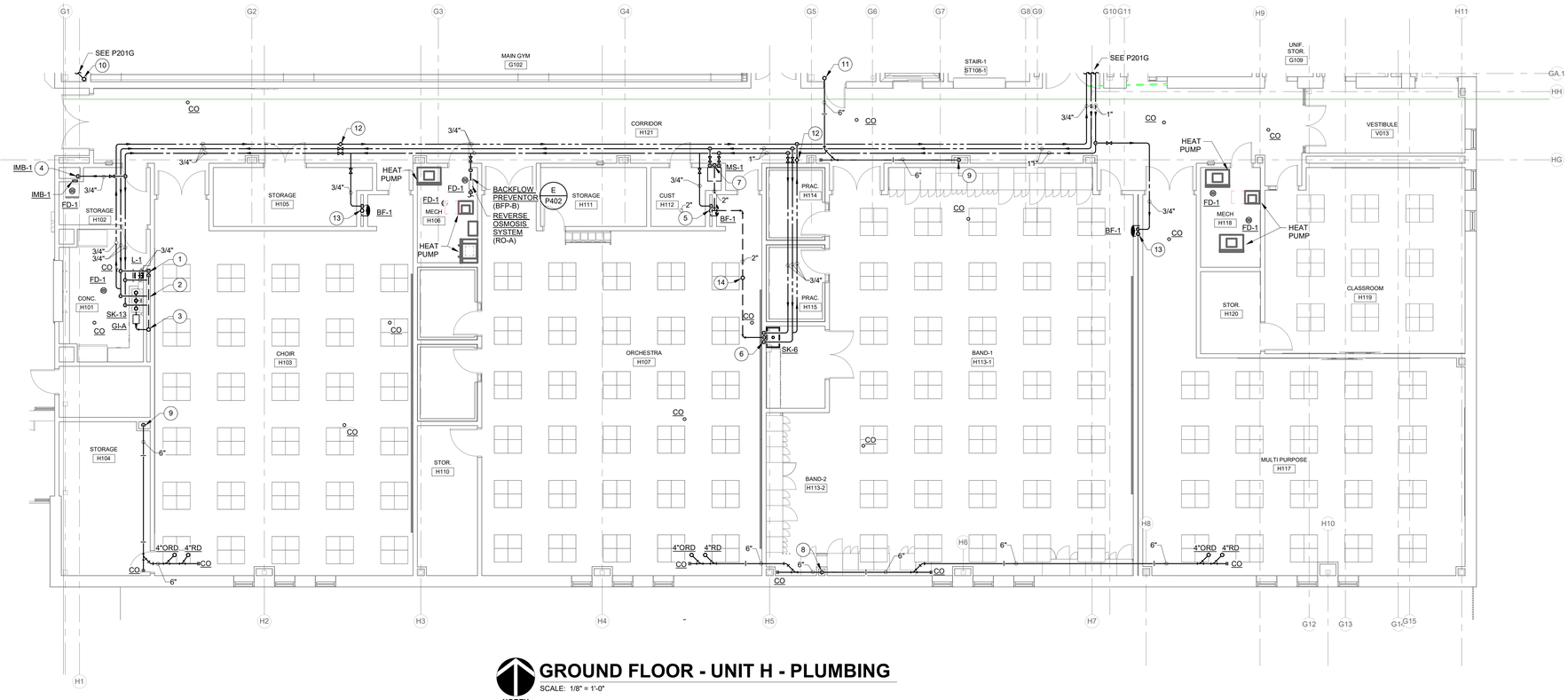
PROJECT NUMBER
2023061

GENERAL NOTES:

1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

(#) PLAN NOTES:

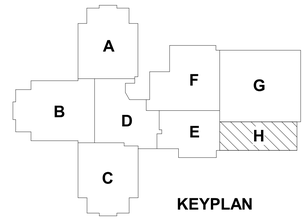
1. 1/2" HOT AND COLD WATER, 1 1/2" SANITARY WASTE DOWN, 1 1/2" VENT UP.
2. 3/4" HOT AND COLD WATER DOWN.
3. 2" SANITARY WASTE DOWN, 1 1/2" VENT UP, 3" VENT THROUGH ROOF.
4. 3/4" COLD WATER DOWN.
5. 1/2" COLD WATER AND 2" SANITARY WASTE DOWN. 1 1/2" VENT UP.
6. 3/4" HOT AND COLD WATER, 1 1/2" SANITARY WASTE DOWN, 1 1/2" VENT UP.
7. 3/4" HOT AND COLD WATER DOWN, 2" VENT FROM BELOW.
8. 8" STORM CONDUCTOR DOWN.
9. 6" STORM CONDUCTOR DOWN.
10. 4" STORM CONDUCTOR DOWN.
11. 6" STORM CONDUCTOR FROM ABOVE.
12. BALANCE VALVE 0.5 GPM.
13. 1/2" COLD WATER AND 2" SANITARY WASTE DOWN. 1 1/2" VENT UP AND 3" VENT THROUGH ROOF.
14. 4" VENT THROUGH ROOF.



GROUND FLOOR - UNIT H - PLUMBING

SCALE: 1/8" = 1'-0"

NORTH



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0 2 4 6 8 16 24 32

1 2 3 4

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Fax: (317) 639-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

These drawings indicate the general scope of the project limits, the extent and character of the work to be done in the building, the major architectural elements and the type of structural, mechanical and electrical systems.

The drawings do not necessarily indicate or describe all work required for full performance and completion of the contract(s) for the project.

On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	GAC	GAC

DRAWING TITLE:

GROUND FLOOR PLAN - UNIT H - PLUMBING

CERTIFIED BY:

Joseph Michael Chiplis
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

P201H

PROJECT NUMBER

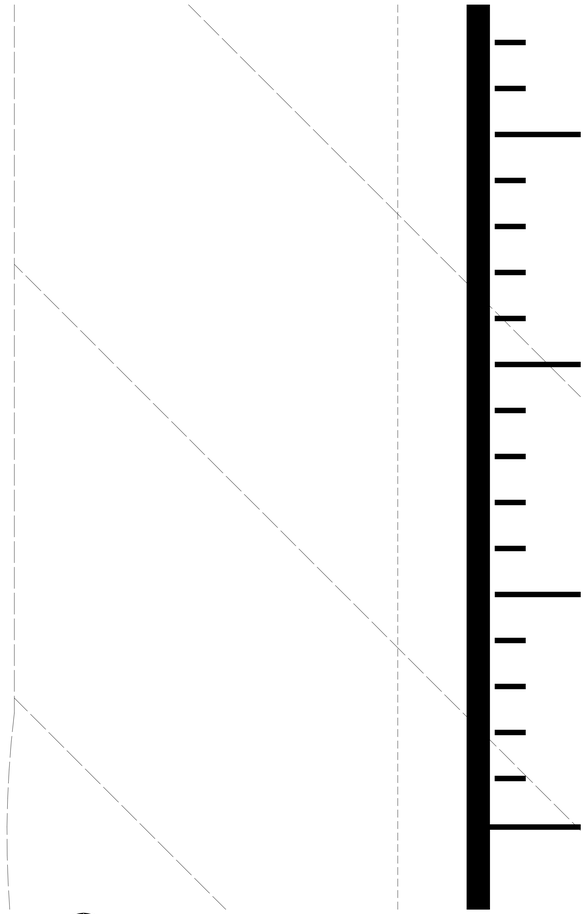
2023061

GENERAL NOTES:

1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

(#) PLAN NOTES:

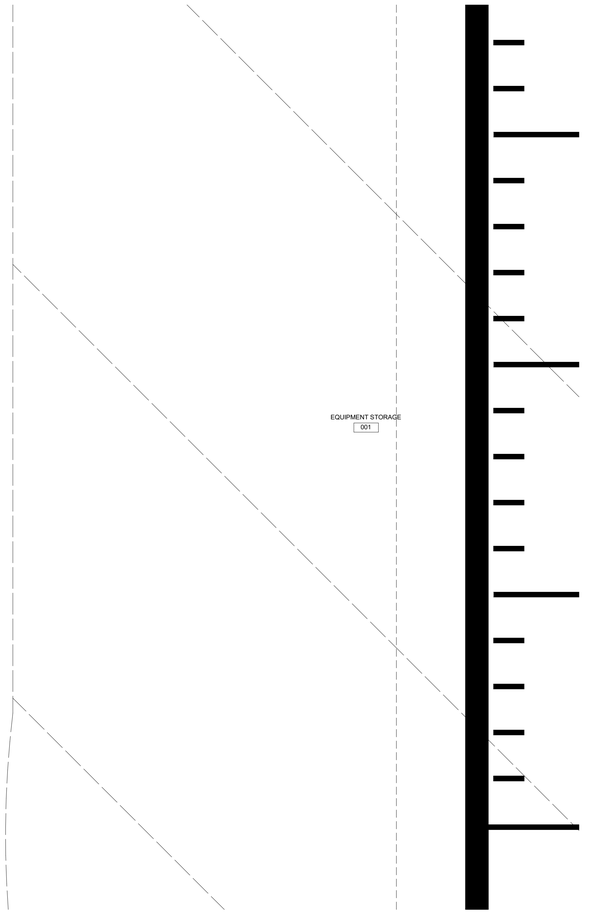
1. PLAN NOTE #1.



UNDERSLAB - OUT BUILDING - PLUMBING

SCALE: 1/4" = 1'-0"

NORTH



GROUND FLOOR - OUT BUILDING - PLUMBING

SCALE: 1/4" = 1'-0"

NORTH

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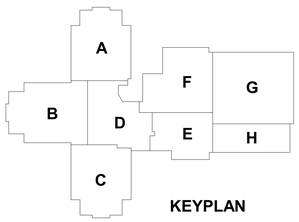
1 2 3 4



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Phone: (317) 636-4682
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D&A# 23085

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. The Contract Documents are complementary and describe all work required for full performance and completion of the requirements of the Contract.
Any item not specifically mentioned scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	GAC	GAC

DRAWING TITLE:

GROUND FLOOR - OUTBUILDING - PLUMBING

CERTIFIED BY:

Joseph Michael Chrisman
REGISTERED
No. PE11700335
STATE OF
INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

P201OB

PROJECT NUMBER

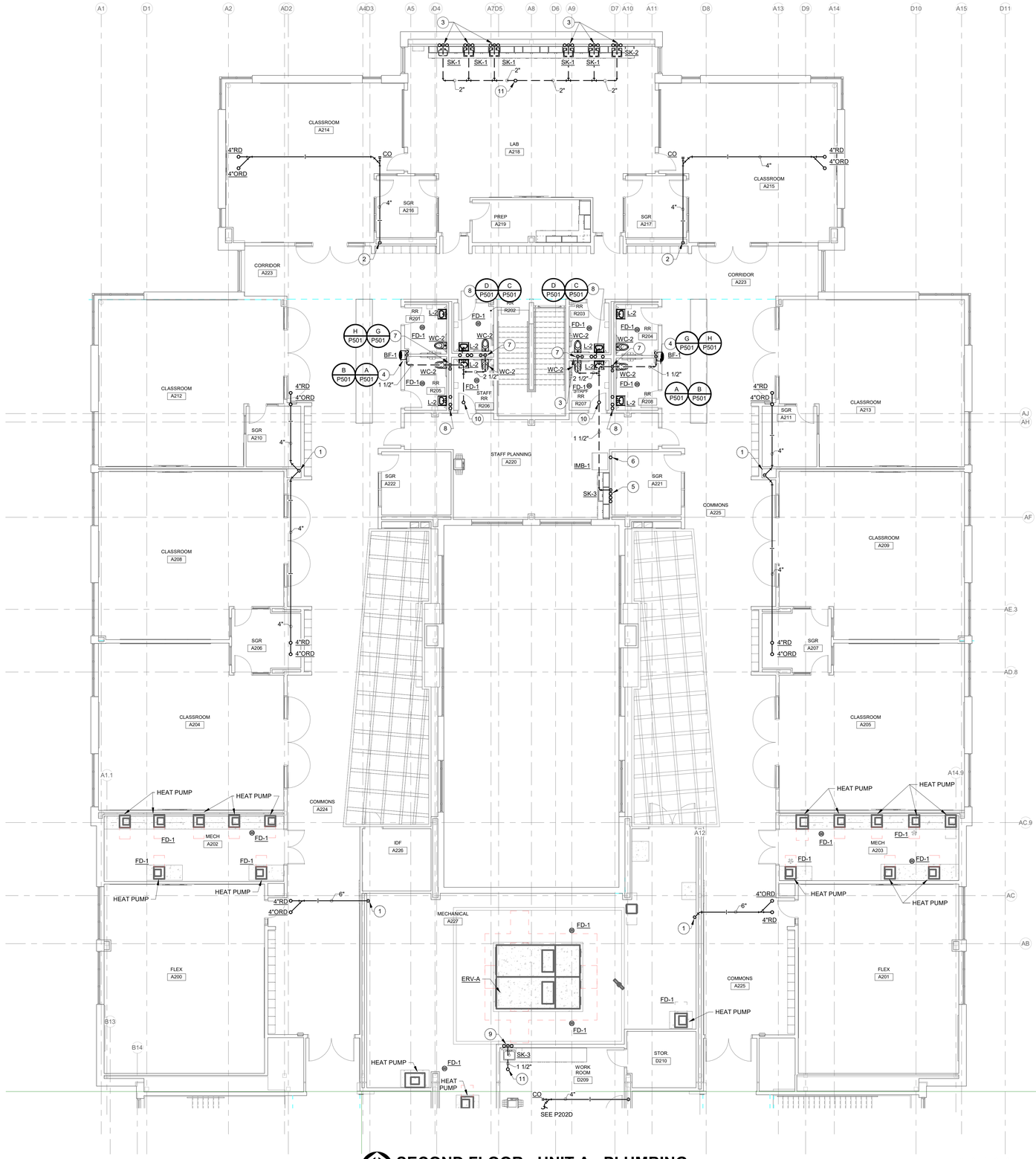
2023061

GENERAL NOTES:

1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

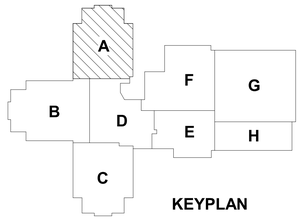
1. 6" STORM CONDUCTOR DOWN.
2. 4" STORM CONDUCTOR DOWN.
3. 1/2" COLD AND HOT WATER AND 2" COMBINED VENT-WASTE STACK FROM BELOW. 2" VENT UP.
4. 1/2" COLD WATER FROM BELOW, 2" COMBINATION WASTE AND VENT STACK.
5. 3/4" HOT WATER AND 3/4" COLD WATER FROM BELOW. 3/4" HOT WATER RETURN AND 2" COMBINED VENT-WASTE STACK DOWN. 2" VENT UP.
6. 1/2" COLD WATER FROM BELOW.
7. 4" WASTE AND VENT STACK.
8. 1 1/2" COLD WATER AND 1/2" HOT WATER FROM BELOW.
9. 1/2" HOT AND COLD WATER FROM BELOW. 1 1/2" VENT UP. 1 1/2" SANITARY WASTE DOWN.
10. 4" VENT THROUGH ROOF.
11. 3" VENT THROUGH ROOF.



SECOND FLOOR - UNIT A - PLUMBING

SCALE: 1/8" = 1'-0"

NORTH



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D&A# 23085
732 North Capitol Avenue
Indianapolis, IN 46204
Phone: (317) 634-4672
Fax: (317) 638-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.

On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	GAC	GAC

DRAWING TITLE:

SECOND FLOOR PLAN - UNIT A - PLUMBING

CERTIFIED BY:

Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

P202A

PROJECT NUMBER

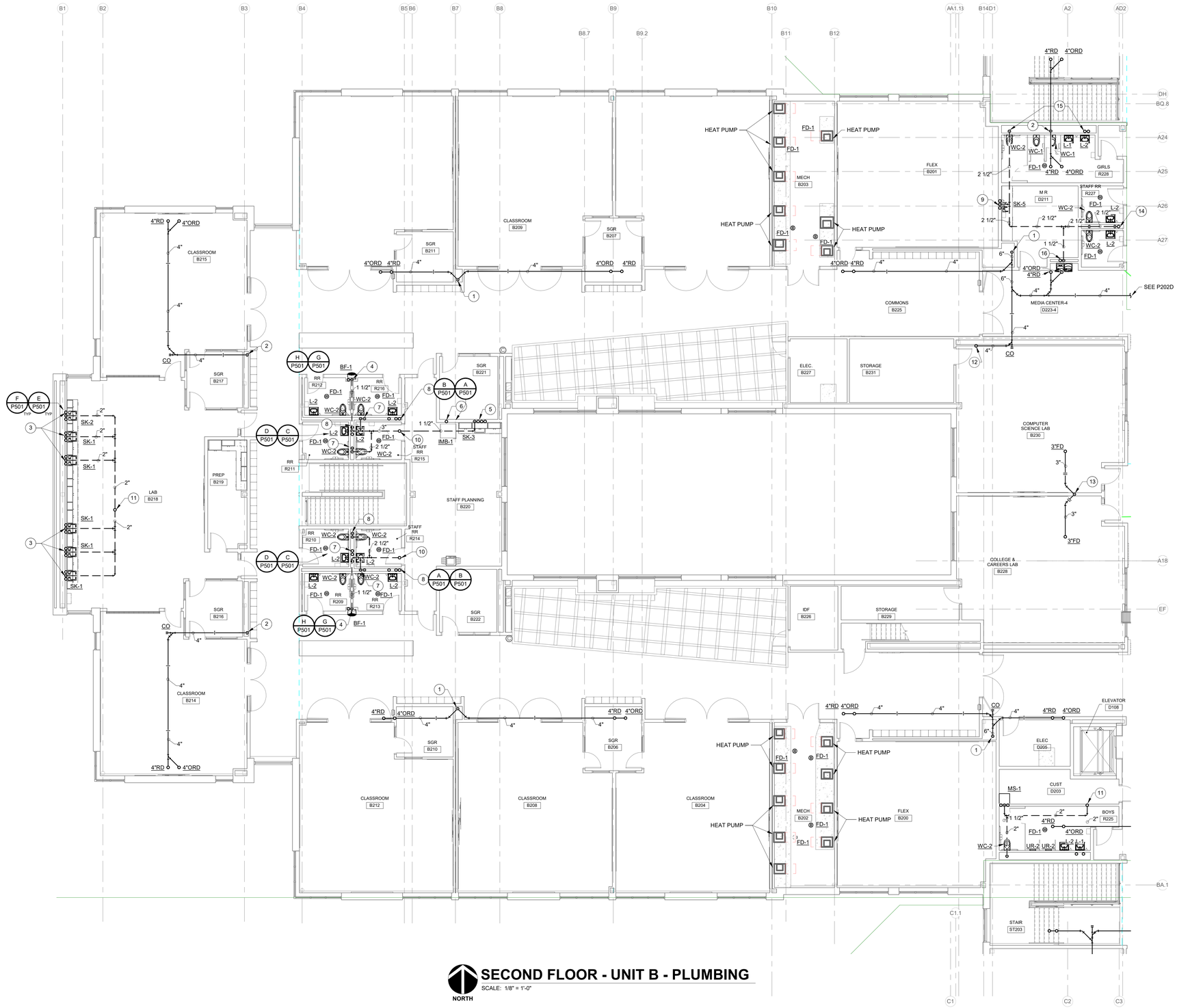
2023061

GENERAL NOTES:

1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

(#) PLAN NOTES:

1. 6" STORM CONDUCTOR DOWN.
2. 4" STORM CONDUCTOR DOWN.
3. 1/2" COLD AND HOT WATER AND 2" COMBINED VENT-WASTE STACK FROM BELOW. 2" VENT UP.
4. 1/2" COLD WATER FROM BELOW, 2" COMBINATION WASTE AND VENT STACK.
5. 3/4" HOT WATER AND 3/4" COLD WATER FROM BELOW. 3/4" HOT WATER RETURN AND 2" COMBINED VENT-WASTE STACK DOWN. 2" VENT UP.
6. 1/2" COLD WATER FROM BELOW.
7. 4" WASTE AND VENT STACK.
8. 1 1/2" COLD WATER AND 1/2" HOT WATER FROM BELOW.
9. 1/2" HOT AND COLD WATER FROM BELOW. 1 1/2" VENT UP. 1 1/2" SANITARY WASTE DOWN.
10. 4" VENT THROUGH ROOF.
11. 3" VENT THROUGH ROOF.
12. 4" STORM CONDUCTOR FROM ABOVE.
13. 3" SANITARY WASTE DOWN.
14. 1/2" HOT WATER AND 1" COLD WATER FROM BELOW. 4" SANITARY WASTE DOWN. 2" VENT UP. 4" VENT THROUGH ROOF.
15. 1/2" HOT WATER AND 1" COLD WATER FROM BELOW. 4" SANITARY WASTE DOWN. 2 1/2" VENT UP.
16. 3/4" COLD WATER FROM BELOW. 1 1/2" VENT UP. 1 1/2" SANITARY WASTE DOWN.



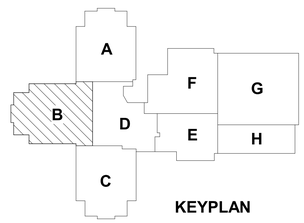
SECOND FLOOR - UNIT B - PLUMBING

SCALE: 1/8" = 1'-0"

NORTH

0 2 4 6 8 16 24 32

1 2 3 4



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Consulting Engineers
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Phone: (317) 632-4972
Fax: (317) 636-8725

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of demolition, new work, the extent of renovation of the building, the major architectural elements, and the type of structural, mechanical and electrical systems.
The drawings are not intended to show or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

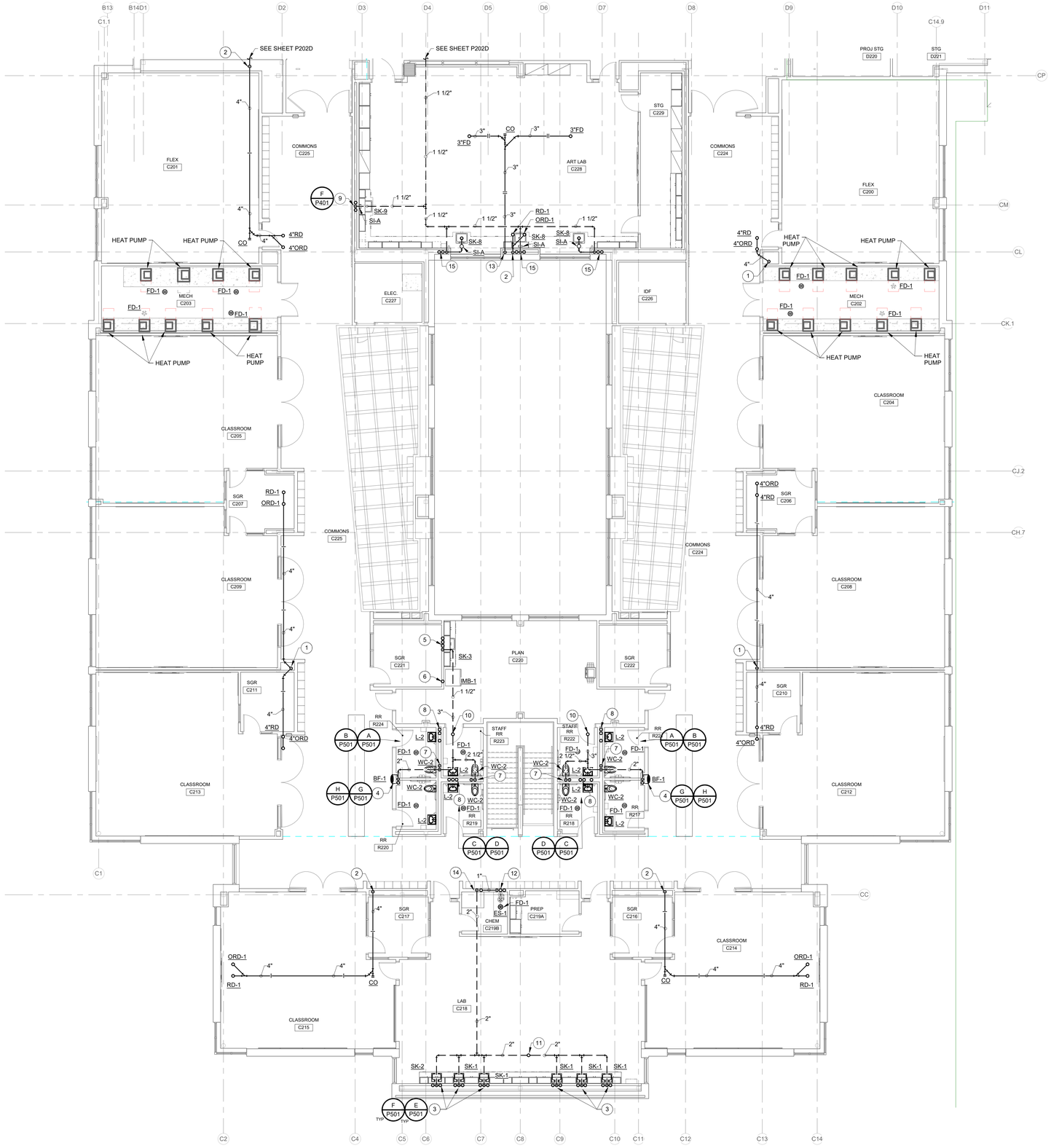
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	GAC	GAC

DRAWING TITLE:
SECOND FLOOR PLAN - UNIT B - PLUMBING

CERTIFIED BY:
JASON MICHAEL CYRUS REGISTERED No. PE11700335 STATE OF INDIANA PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
P202B

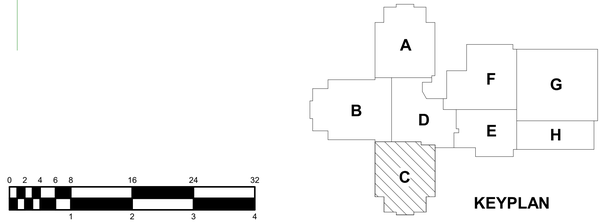
PROJECT NUMBER
2023061



SECOND FLOOR - UNIT C - PLUMBING

SCALE: 1/8" = 1'-0"

NORTH



KEYPLAN

GENERAL NOTES:

1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

1. 6" STORM CONDUCTOR DOWN.
2. 4" STORM CONDUCTOR DOWN.
3. 1/2" COLD AND HOT WATER AND 2" COMBINED VENT-WASTE STACK FROM BELOW. 2" VENT UP.
4. 1/2" COLD WATER FROM BELOW, 2" COMBINATION WASTE AND VENT STACK.
5. 3/4" HOT WATER AND 3/4" COLD WATER FROM BELOW. 3/4" HOT WATER RETURN AND 2" COMBINED VENT-WASTE STACK DOWN. 2" VENT UP.
6. 1/2" COLD WATER FROM BELOW.
7. 4" WASTE AND VENT STACK.
8. 1 1/2" COLD WATER AND 1/2" HOT WATER FROM BELOW.
9. 1/2" HOT AND COLD WATER FROM BELOW. 1 1/2" VENT UP. 1 1/2" SANITARY WASTE DOWN.
10. 4" VENT THROUGH ROOF.
11. 3" VENT THROUGH ROOF.
12. 1" HOT AND COLD WATER FROM BELOW. 3/4" HOT WATER RETURN DOWN.
13. 3" SANITARY WASTE DOWN.
14. ROUTE 3/4" COLD WATER FROM EMERGENCY EYEWASH TO NEARBY FUME HOOD. 2" VENT UP. 3" WASTE DOWN.
15. 1/2" HOT AND COLD WATER FROM BELOW. 2" SANITARY WASTE FROM BELOW. 1 1/2" VENT UP. EXTEND PIPING TO NEARBY SINK.

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732 North Capitol Avenue
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Fax: (317) 638-8725
D&A# 23085

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.

On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	GAC	GAC

DRAWING TITLE:

SECOND FLOOR PLAN - UNIT C - PLUMBING

CERTIFIED BY:

Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

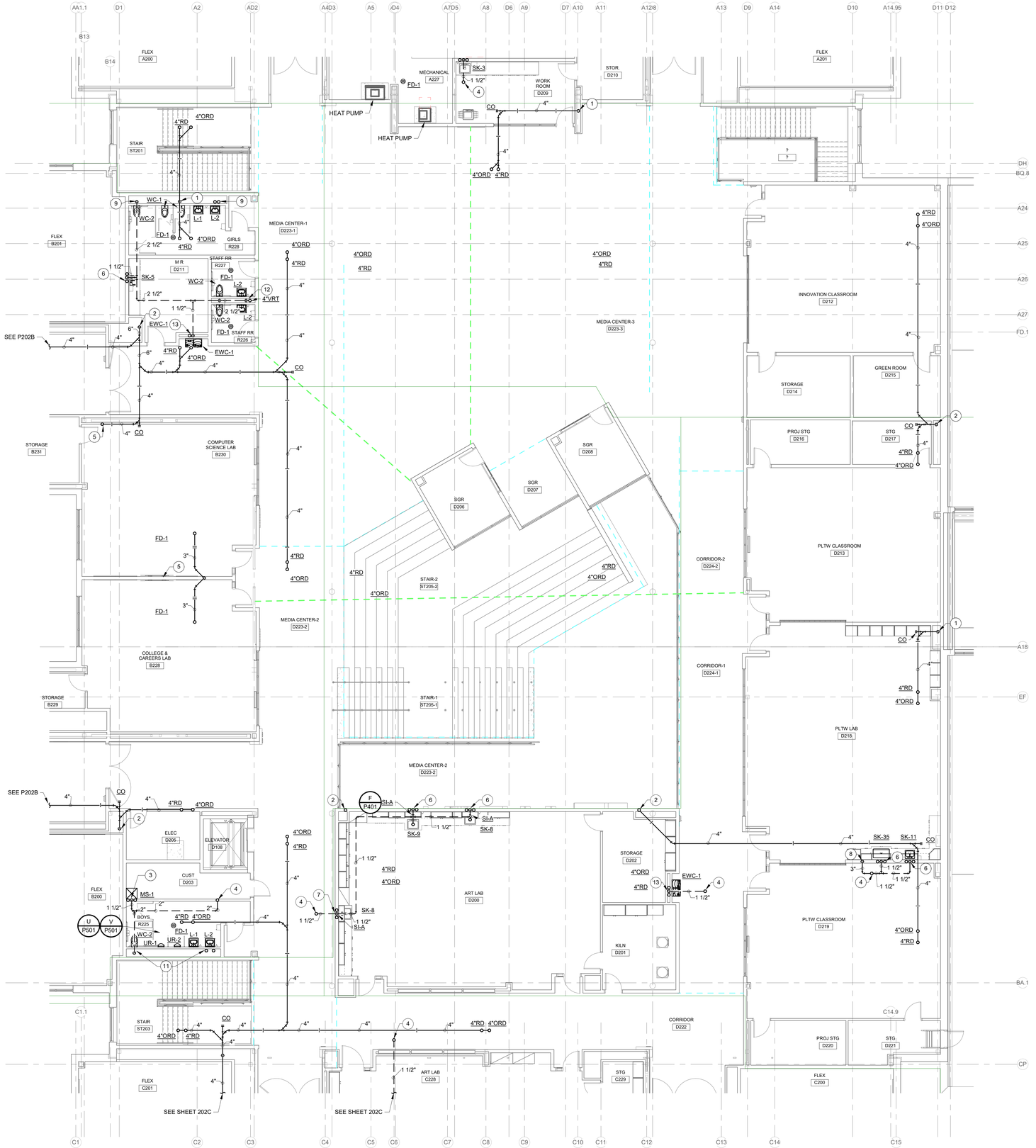
8/09/2024

DRAWING NUMBER

P202C

PROJECT NUMBER

2023061



GENERAL NOTES:

1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

(#) PLAN NOTES:

1. 4" STORM CONDUCTOR DOWN.
2. 6" STORM CONDUCTOR DOWN.
3. 3/4" HOT AND COLD WATER FROM BELOW. 3" COMBINATION VENT-WASTE STACK.
4. 3" VENT THROUGH ROOF.
5. 4" STORM CONDUCTOR FROM ABOVE.
6. 1/2" HOT AND COLD WATER FROM BELOW. 1 1/2" VENT UP. 1 1/2" SANITARY WASTE DOWN.
7. 3/4" HOT AND COLD WATER FROM BELOW. 1/2" VENT UP. 2" SANITARY WASTE BELOW.
8. 3" VENT FROM BELOW.
9. 1/2" HOT WATER, 1" COLD WATER, AND 3/4" HOT WATER RETURN FROM BELOW. 4" SANITARY WASTE DOWN. 2" VENT UP.
10. 3" SANITARY WASTE DOWN.
11. 1" COLD WATER AND 3/4" HOT WATER FROM BELOW. 2" VENT UP. 4" SANITARY WASTE DOWN.
12. 1 1/2" COLD WATER AND 3/4" HOT WATER FROM BELOW. 2 1/2" VEN UP. 4" SANITARY WASTE DOWN.
13. 3/4" COLD WATER FROM BELOW. 1 1/2" VENT UP. 1 1/2" SANITARY WASTE DOWN.

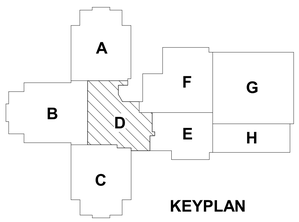
SECOND FLOOR - UNIT D - PLUMBING

SCALE: 1/8" = 1'-0"

NORTH

0 2 4 6 8 16 24 32

1 2 3 4



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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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Within the limits of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

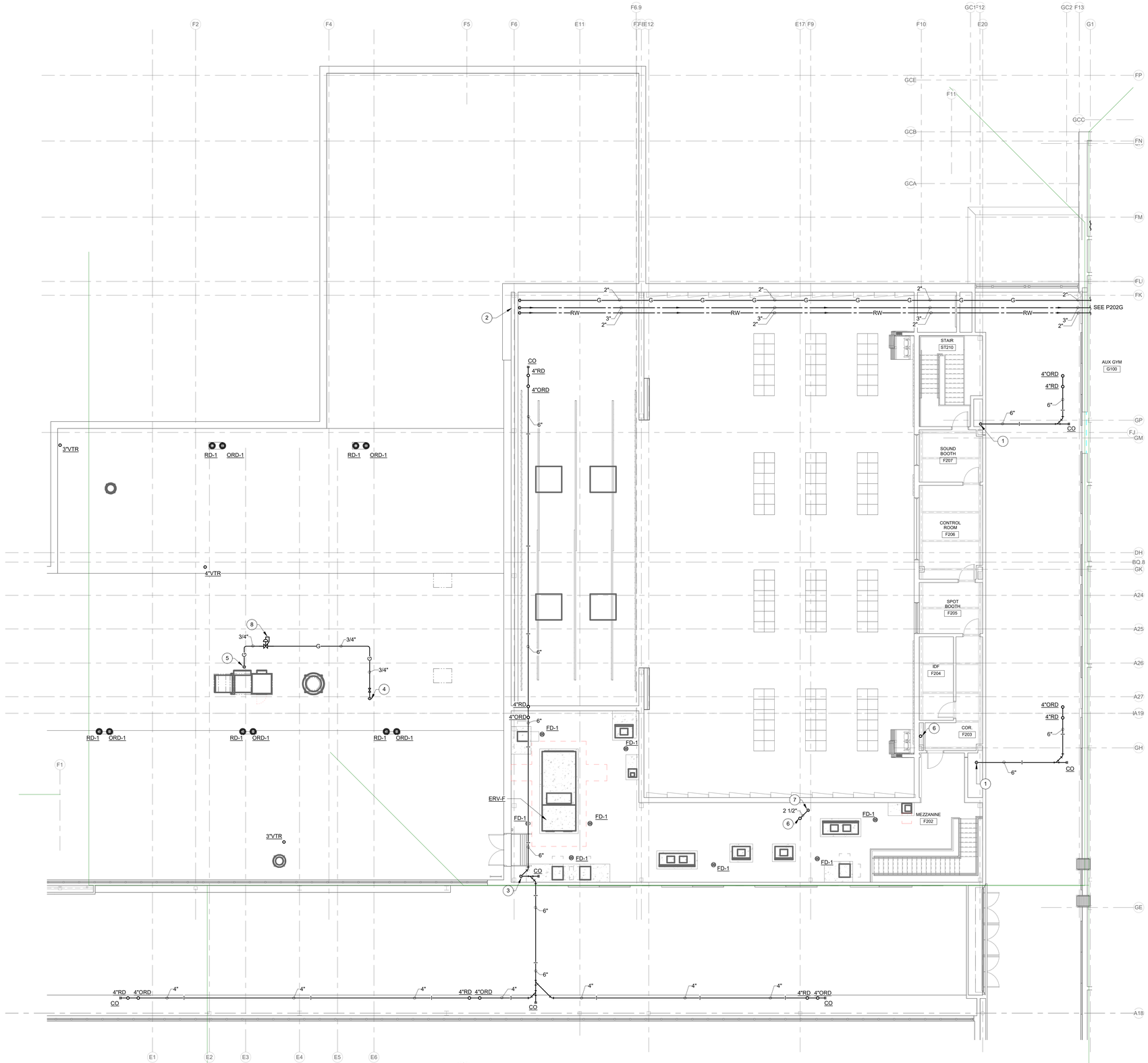
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	GAC	GAC

DRAWING TITLE:
SECOND FLOOR PLAN - UNIT D - PLUMBING

CERTIFIED BY:
Joseph Michael Chrisman
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
P202D

PROJECT NUMBER
2023061



SECOND FLOOR - UNIT F - PLUMBING

SCALE: 1/8" = 1'-0"

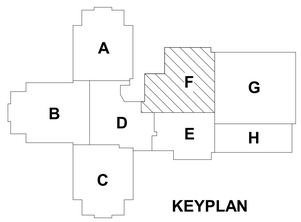
NORTH

GENERAL NOTES:

1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

1. 6" STORM CONDUCTOR DOWN.
2. 3" COLD WATER, 2" RAW COLD WATER, 2" GAS FROM BELOW.
3. 8" STORM CONDUCTOR DOWN.
4. 3/4" GAS FROM BELOW.
5. 3/4" GAS DOWN.
6. 3" VENT THROUGH ROOF.
7. 2 1/2" VENT FROM BELOW.
8. PRESURE REDUCING VALVE. VALVE SIZED FOR 500,000 BTUH WITH INLET PRESSUE OF 2 PSI AND OUTLET PRESSURE OF 10" W.C.



KEYPLAN

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D&A# 23085

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST

BID DOCUMENTS

17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

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On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	GAC	GAC

DRAWING TITLE:

SECOND FLOOR PLAN - UNIT F - PLUMBING

CERTIFIED BY:

Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

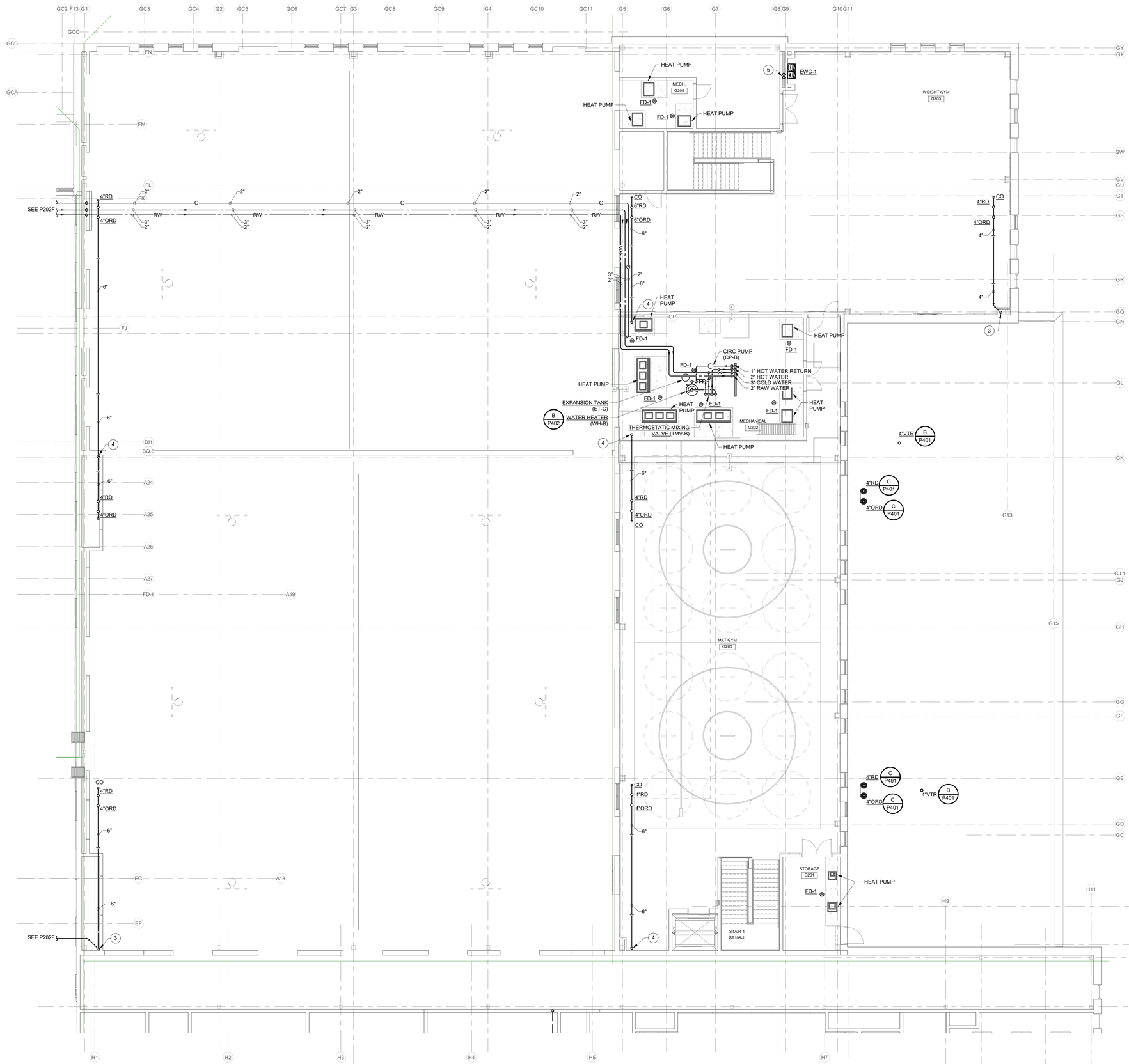
8/09/2024

DRAWING NUMBER

P202F

PROJECT NUMBER

2023061



SECOND FLOOR - UNIT G - PLUMBING

SCALE: 1/8" = 1'-0"

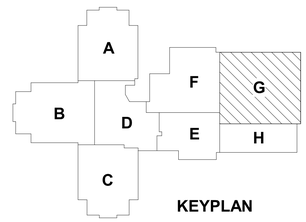
NORTH

GENERAL NOTES:

1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

1. 2 1/2" COLD WATER FROM BELOW.
2. 1 1/2" HOT WATER DOWN, 3/4" HOT WATER RETURN FROM BELOW.
3. 4" STORM CONDUCTOR DOWN.
4. 6" STORM CONDUCTOR DOWN.
5. 1/2" COLD WATER FROM BELOW. 1 1/2" SANITARY WASTE DOWN. 1 1/2" VENT UP. 3" VENT THROUGH ROOF.



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732 North Capitol Avenue
Indianapolis, IN 46204
Phone: (317) 634-4672
Fax: (317) 638-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

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On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	GAC	GAC

DRAWING TITLE:

SECOND FLOOR PLAN - UNIT G - PLUMBING

CERTIFIED BY:

Joseph Michael Chrapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

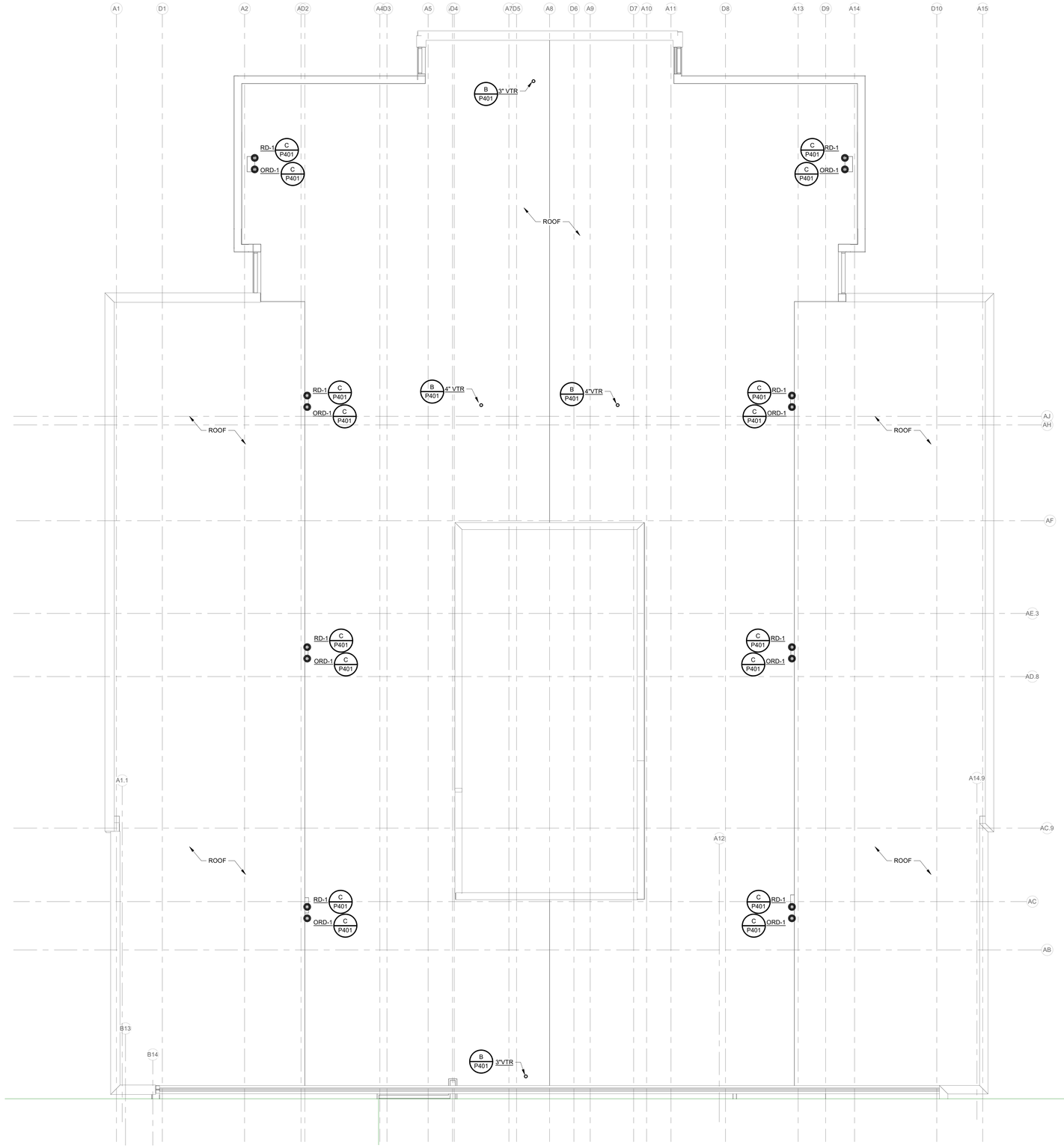
P202G

PROJECT NUMBER

2023061

GENERAL NOTES:

1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.



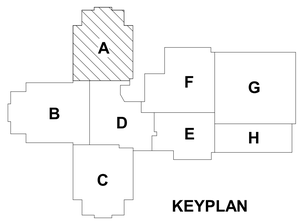
ROOF PLAN - UNIT A - PLUMBING

SCALE: 1/8" = 1'-0"

NORTH

0 2 4 6 8 16 24 32

1 2 3 4



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Fax: (317) 638-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

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On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	AMB	AMB

DRAWING TITLE:

PARTIAL ROOF PLAN - UNIT A - PLUMBING

CERTIFIED BY:

Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

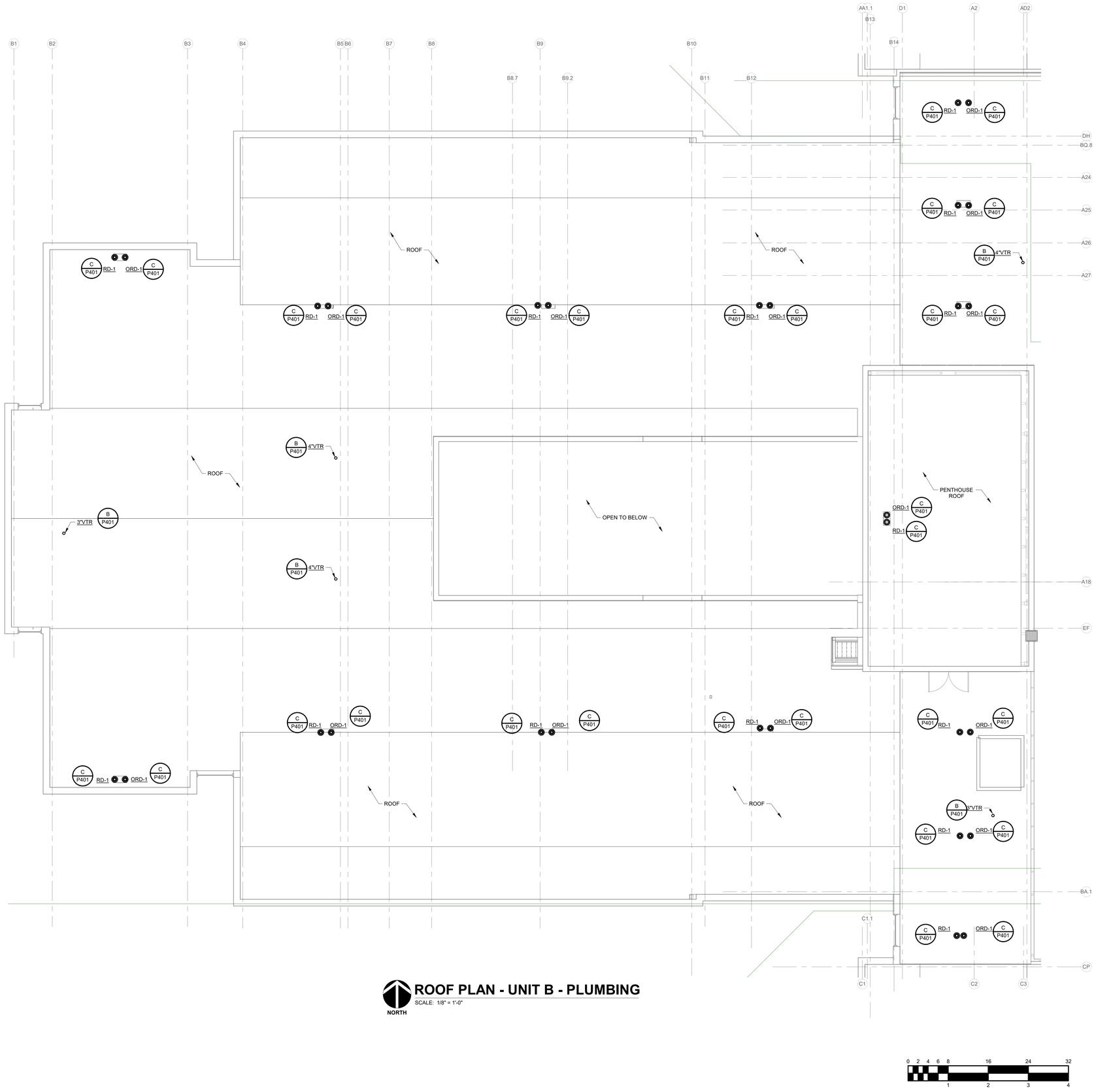
P220A

PROJECT NUMBER

2023061

GENERAL NOTES:

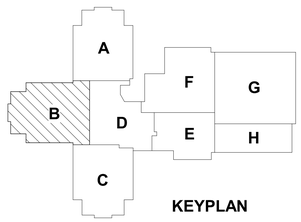
1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.



ROOF PLAN - UNIT B - PLUMBING

SCALE: 1/8" = 1'-0"

NORTH



KEYPLAN

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Consulting Engineers
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Indianapolis, IN 46204
Phone: (317) 634-4672
Fax: (317) 638-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	AMB	AMB

DRAWING TITLE:

PARTIAL ROOF PLAN - UNIT B - PLUMBING

CERTIFIED BY:

Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

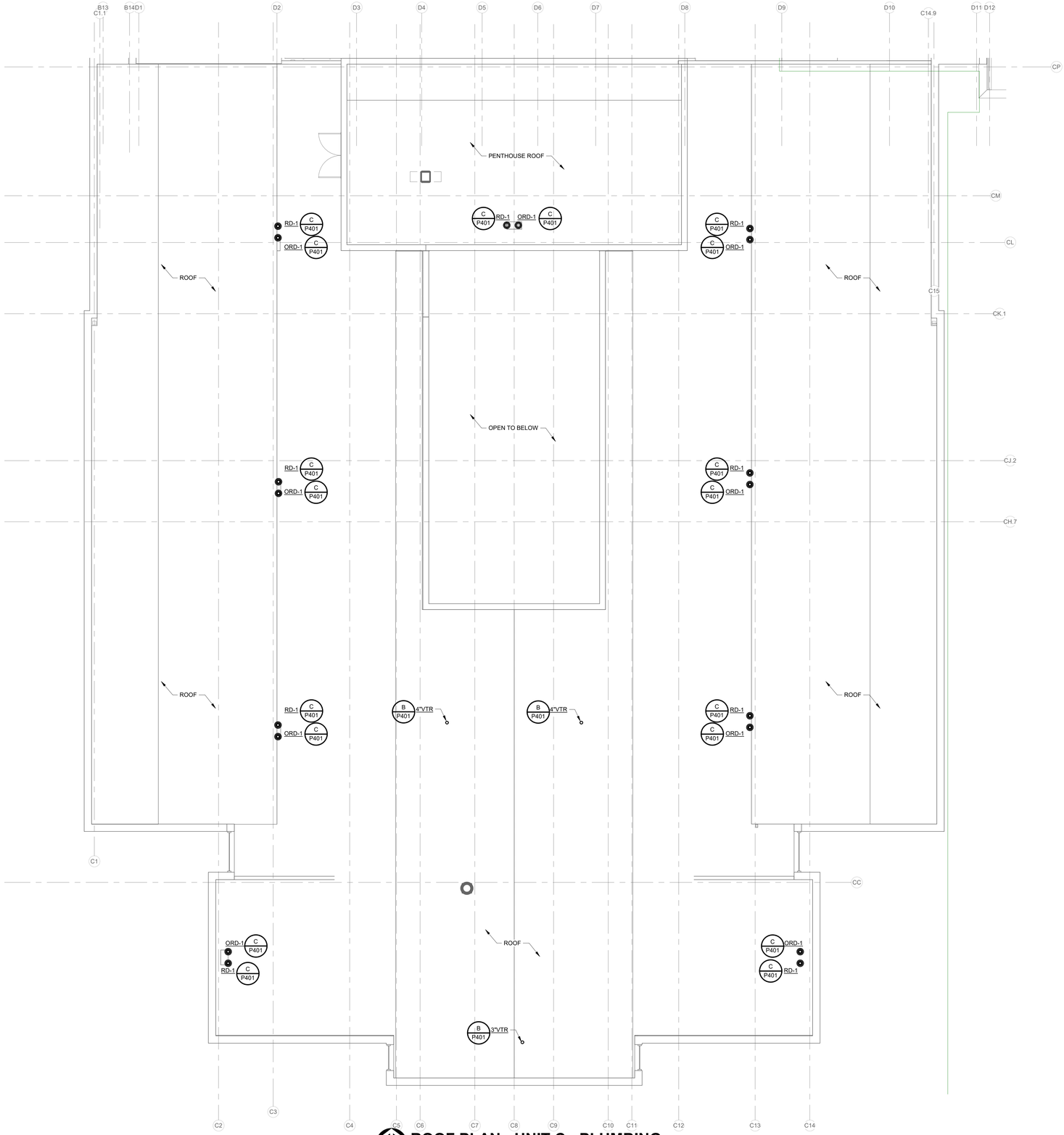
P220B

PROJECT NUMBER

2023061

GENERAL NOTES:

1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

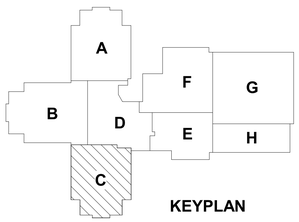


ROOF PLAN - UNIT C - PLUMBING

SCALE: 1/8" = 1'-0"

NORTH

0 2 4 6 8 16 24 32
1 2 3 4



KEYPLAN

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Fax (317) 639-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. The drawings and specifications are intended to describe all work required for full performance and completion of the requirements of the Contract.
The Trade Contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	AMB	AMB

DRAWING TITLE:

PARTIAL ROOF PLAN - UNIT C - PLUMBING

CERTIFIED BY:

Joseph Michael Chrisman
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

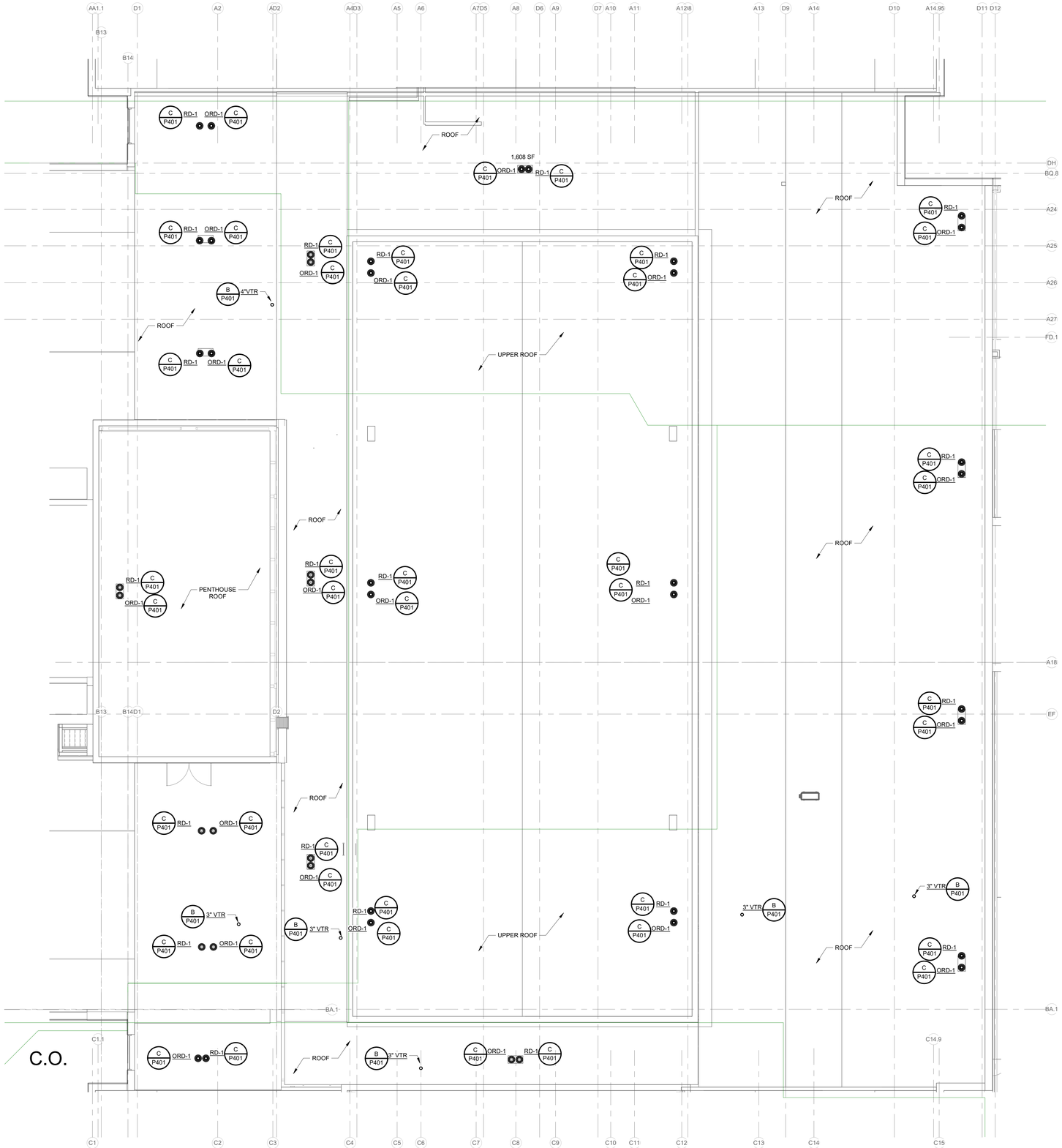
P220C

PROJECT NUMBER

2023061

GENERAL NOTES:

1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.



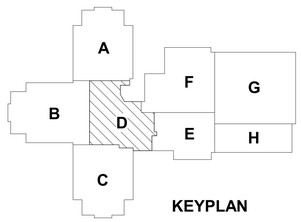
ROOF PLAN - UNIT D - PLUMBING

SCALE: 1/8" = 1'-0"

NORTH

0 2 4 6 8 16 24 32

1 2 3 4



KEYPLAN

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Consulting Engineers

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Indianapolis, IN 46204
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Fax: (317) 636-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. The Contract Documents are complementary. Describe all work required for full performance and completion of the requirements of the Contract.
The trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	AMB	AMB

DRAWING TITLE:

PARTIAL ROOF PLAN - UNIT D - PLUMBING

CERTIFIED BY:

Joseph Michael Chrisman
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

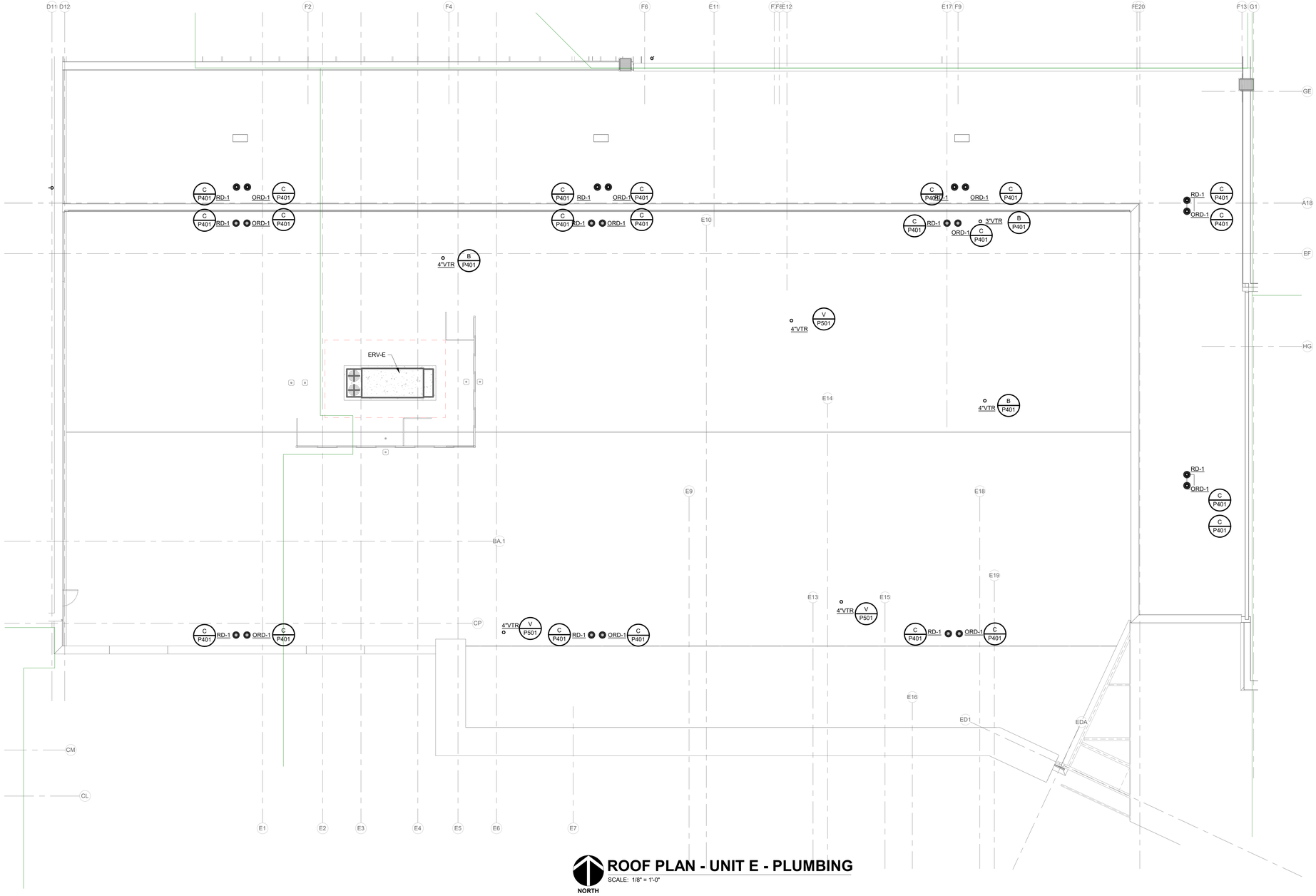
P220D

PROJECT NUMBER

2023061

GENERAL NOTES:

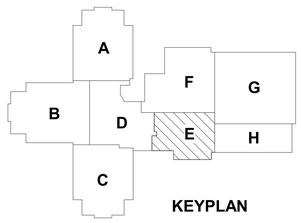
1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.



ROOF PLAN - UNIT E - PLUMBING

SCALE: 1/8" = 1'-0"

NORTH



KEYPLAN

0 2 4 6 8 16 24 32

1 2 3 4

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732 North Capitol Avenue
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PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	AMB	AMB

DRAWING TITLE:

PARTIAL ROOF PLAN - UNIT E - PLUMBING

CERTIFIED BY:

Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

P220E

PROJECT NUMBER

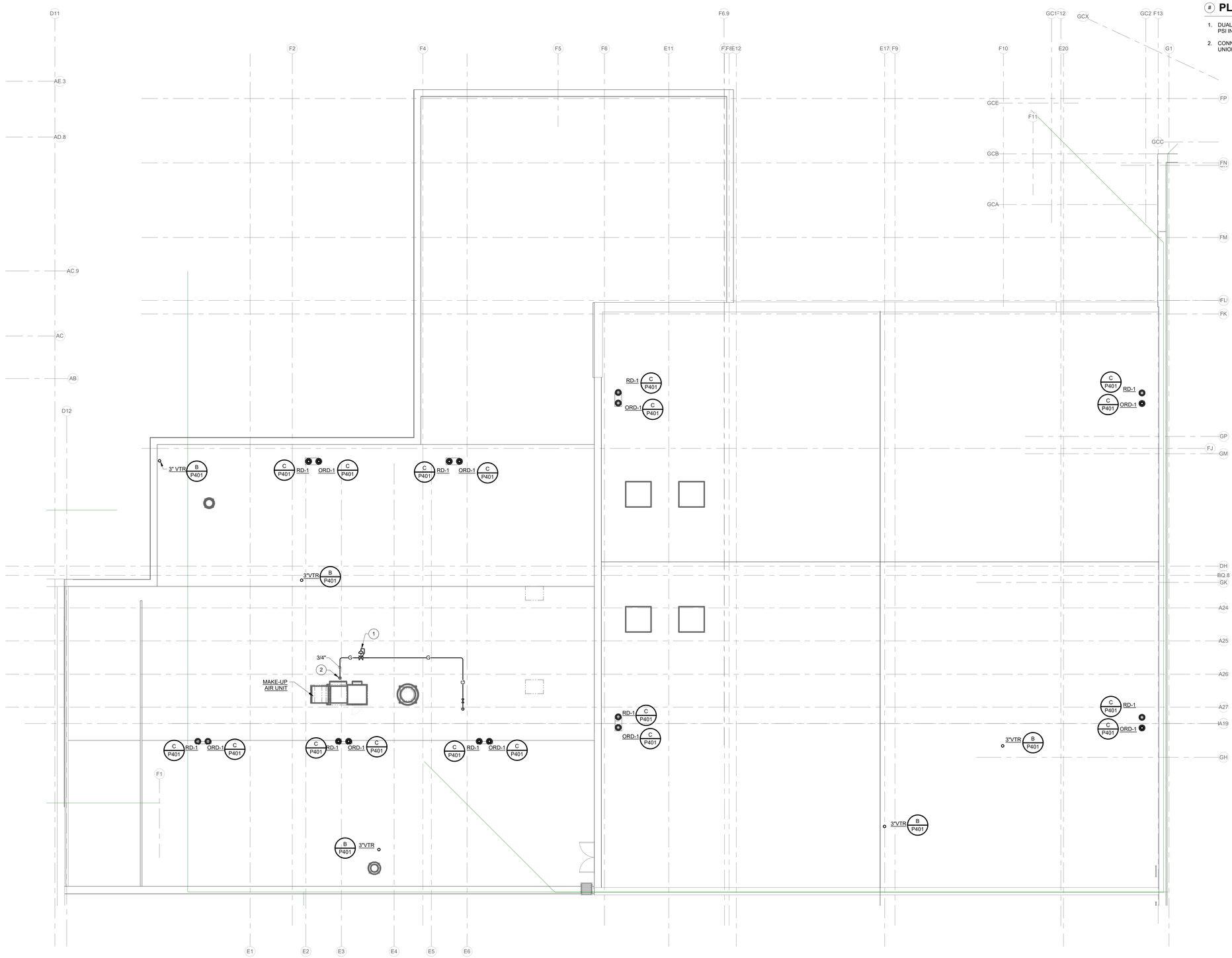
2023061

GENERAL NOTES:

1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

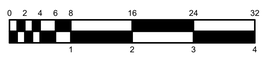
1. DUAL STAGE PRESSURE REGULATING VALVE SIZED FOR 250 MBH @ 2 PSI INLET TO 11" W.C. OUTLET.
2. CONNECT 3/4" GAS TO MAKE UP AIR UNIT. PROVIDE SHUT-OFF VALVE, UNION, AND DIRT LEG.

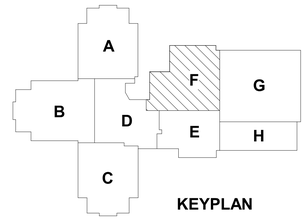


ROOF PLAN - UNIT F - PLUMBING

SCALE: 1/8" = 1'-0"

NORTH





KEYPLAN

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8831 Keystone Crossing, Indianapolis, IN 46240
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R.E. Dimond and Associates, Inc.
Consulting Engineers
D&A# 23085
732 North Capitol Avenue
Indianapolis, IN 46204
Phone: (317) 634-4672
Fax: (317) 638-8725

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	AMB	AMB

DRAWING TITLE:
PARTIAL ROOF PLAN - UNIT F - PLUMBING

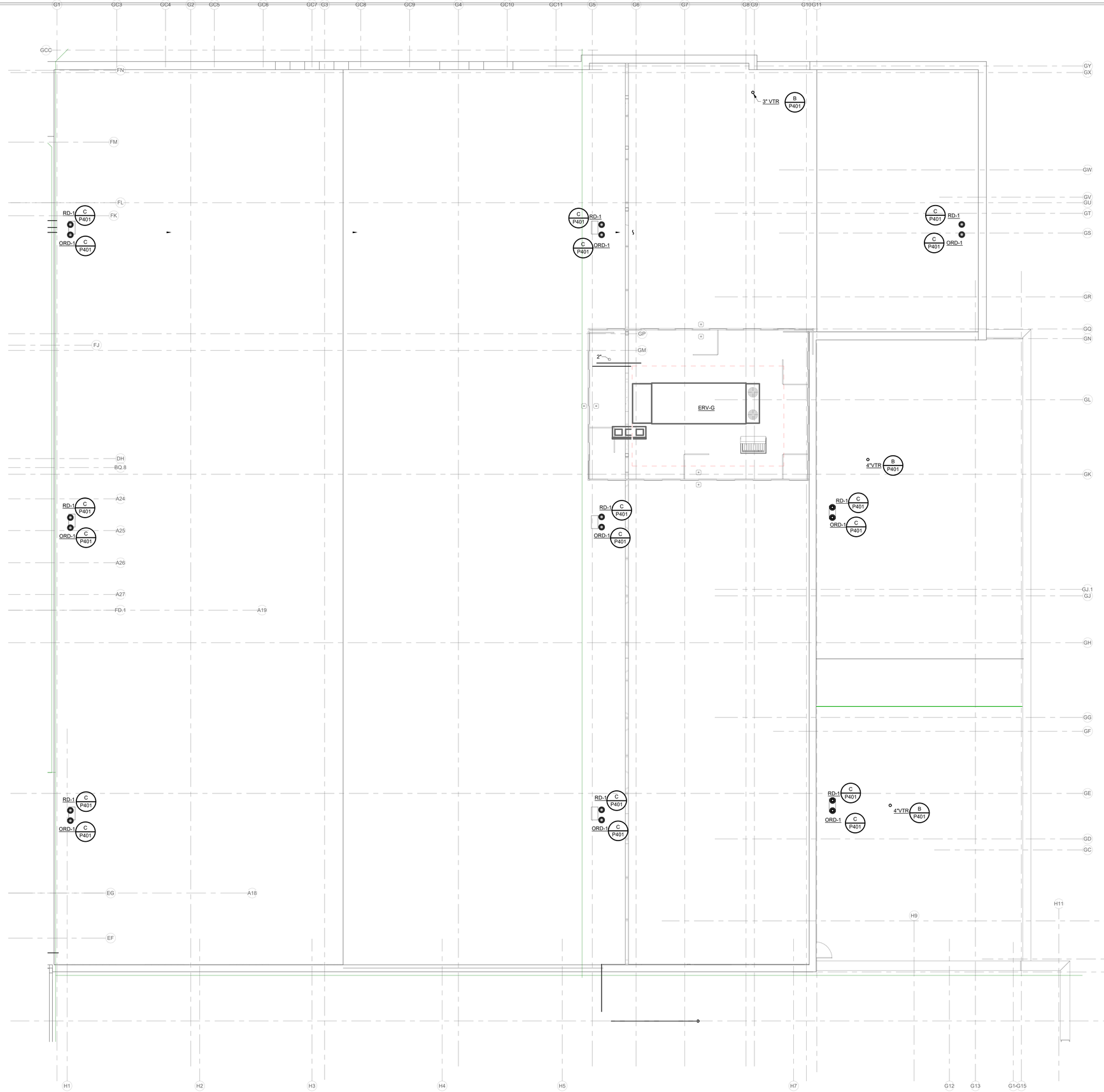
CERTIFIED BY:
Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
P220F

PROJECT NUMBER
2023061

GENERAL NOTES:

1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

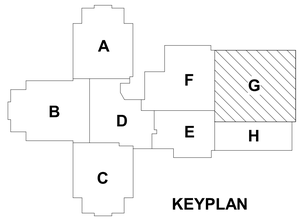


ROOF PLAN - UNIT G - PLUMBING

SCALE: 1/8" = 1'-0"

NORTH

0 2 4 6 8 16 24 32
1 2 3 4



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Fax: (317) 636-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	AMB	AMB

DRAWING TITLE:

PARTIAL ROOF PLAN - UNIT G - PLUMBING

CERTIFIED BY:

Joseph Michael Chiplis
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

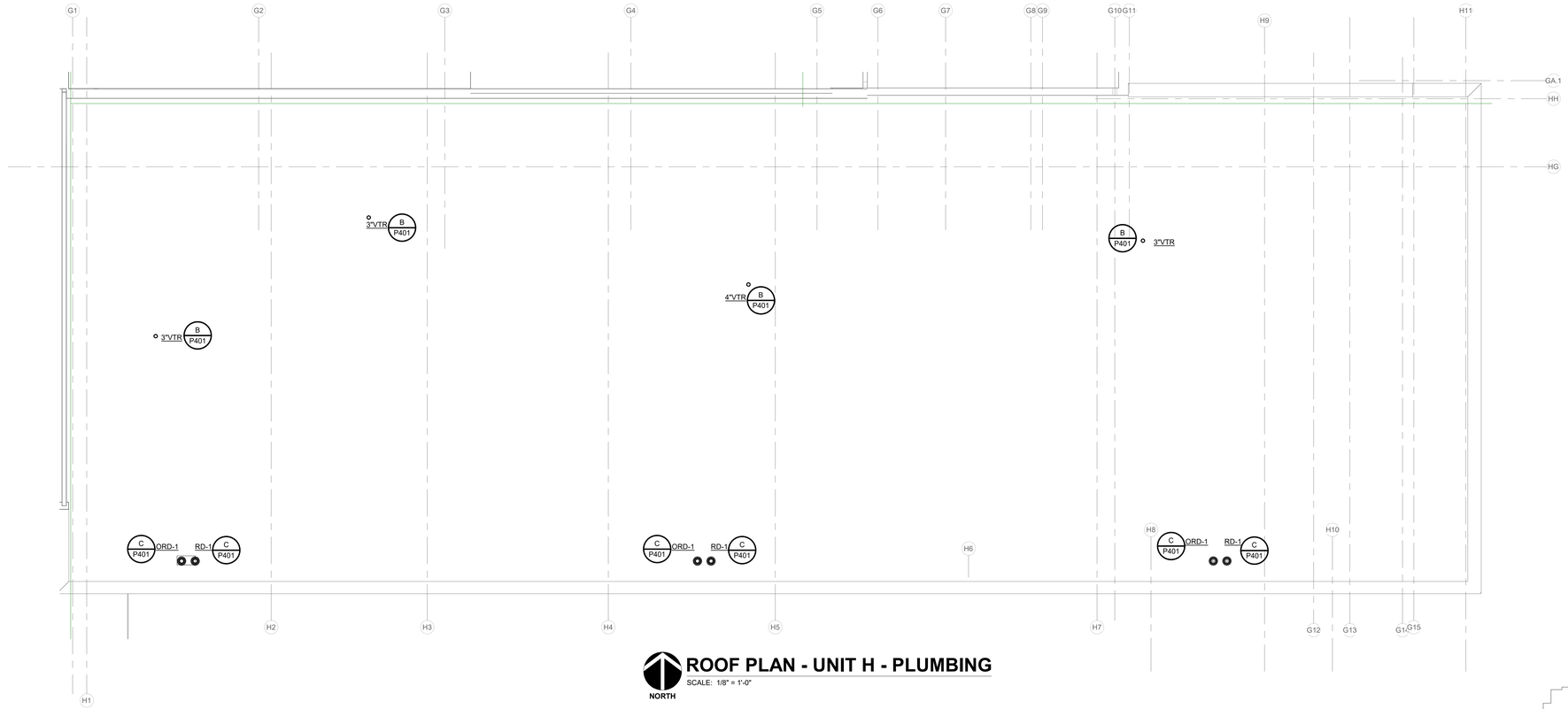
P220G

PROJECT NUMBER

2023061

GENERAL NOTES:

1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

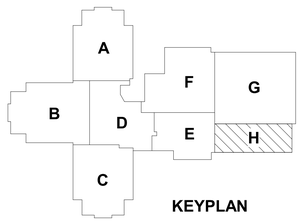


ROOF PLAN - UNIT H - PLUMBING

SCALE: 1/8" = 1'-0"

NORTH

0 2 4 6 8 16 24 32
1 2 3 4



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PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

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In addition to the architectural scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	AMB	AMB

DRAWING TITLE:

PARTIAL ROOF PLAN - UNIT H - PLUMBING

CERTIFIED BY:

Joseph Michael Chrisman
REGISTERED
No. PE11700335
STATE OF
INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

P220H

PROJECT NUMBER

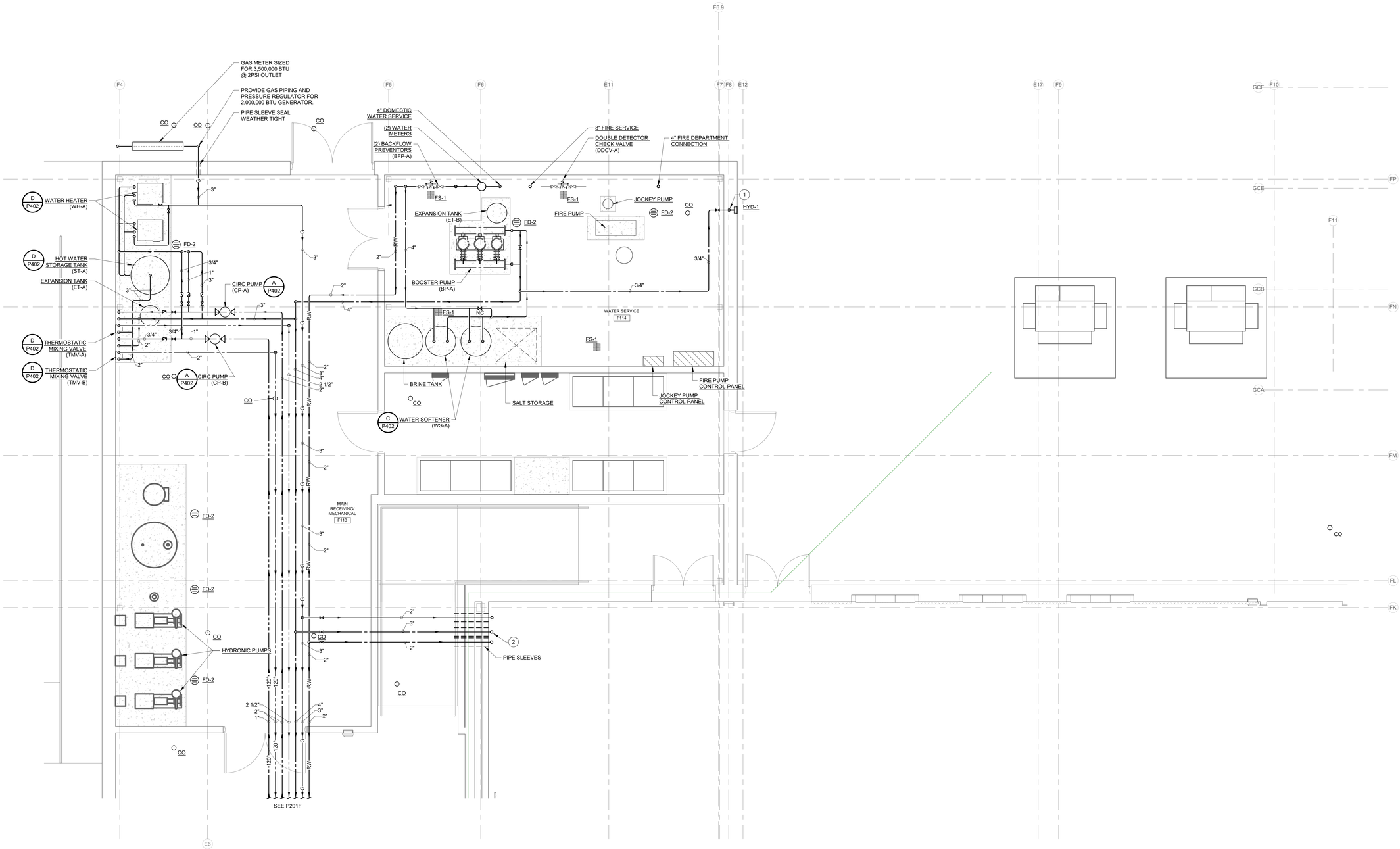
2023061

GENERAL NOTES:

1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

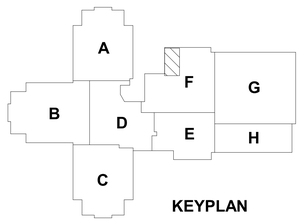
1. 3/4" COLD WATER DOWN.
2. 3" SOFT COLD WATER, 2" RAW COLD WATER, AND 2" GAS UP.



MECHANICAL ROOM UNIT F - PLUMBING

SCALE: 1/4" = 1'-0"

NORTH



KEYPLAN

0 8 16 24 32 64 96 128
1 2 3 4

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PROJECT:
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BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	GAC	GAC

DRAWING TITLE:
ENLARGED MECHANICAL ROOM - PLUMBING

CERTIFIED BY:
Joseph Michael Chrapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
P301

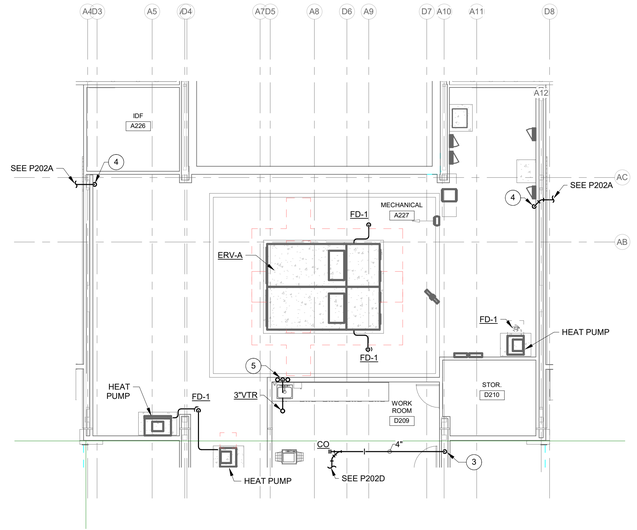
PROJECT NUMBER
2023061

GENERAL NOTES:

1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

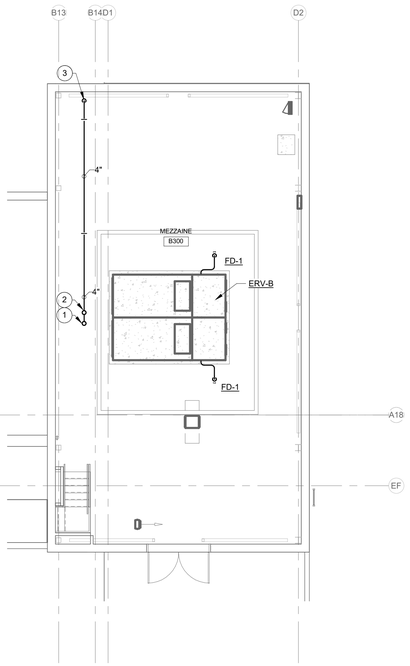
1. 4" ROOF DRAIN ABOVE.
2. 4" OVERFLOW ROOF DRAIN ABOVE.
3. 4" STORM CONDUCTOR DOWN.
4. 6" STORM CONDUCTOR DOWN.
5. 1/2" HOT AND COLD WATER FROM BELOW. 1 1/2" SANITARY WASTE DOWN. 1 1/2" VENT UP.



NORTH

ENLARGED NORTH MECH PENTHOUSE - UNIT A - PLUMBING

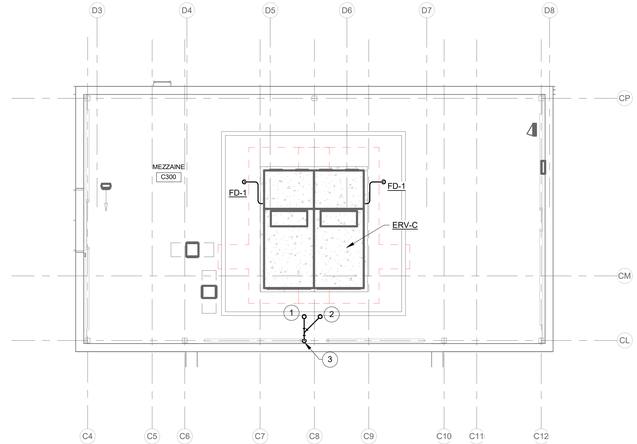
SCALE: 1/8" = 1'-0"



NORTH

ENLARGED WEST MECH PENTHOUSE - UNIT B - PLUMBING

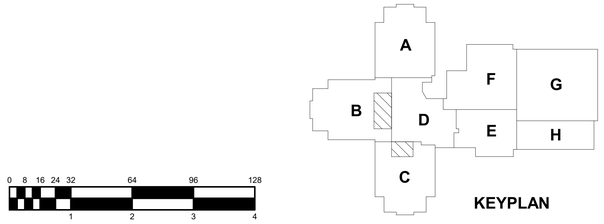
SCALE: 1/8" = 1'-0"



NORTH

ENLARGED SOUTH MECH PENTHOUSE - UNIT C - PLUMBING

SCALE: 1/8" = 1'-0"



KEYPLAN

0 8 16 24 32 64 96 128
1 2 3 4

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
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BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

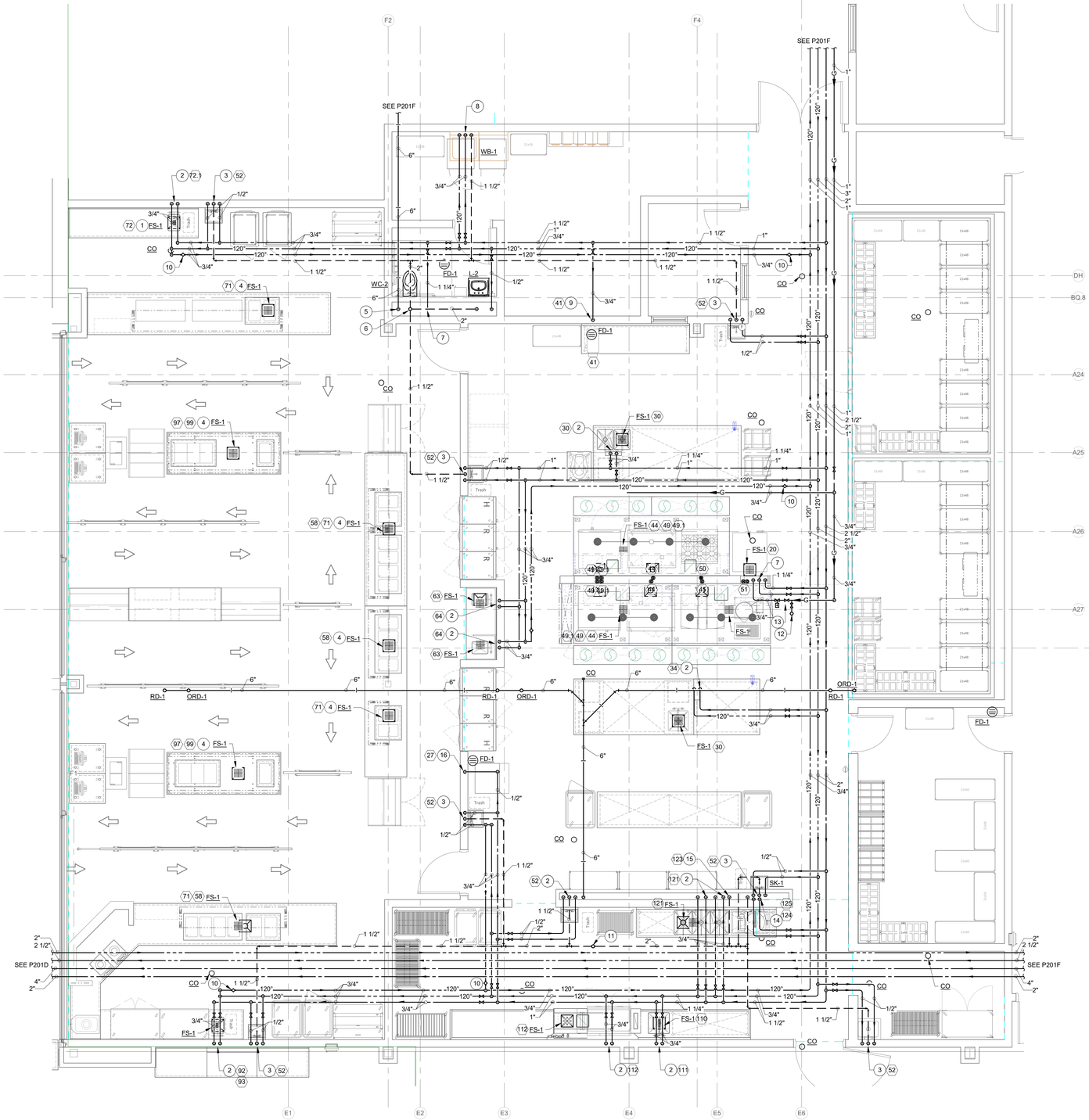
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	GAC	GAC

DRAWING TITLE:
PENTHOUSE - PLUMBING

CERTIFIED BY:
Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
P302

PROJECT NUMBER
2023061



ENLARGED KITCHEN PLAN - PLUMBING

SCALE: 1/4" = 1'-0"

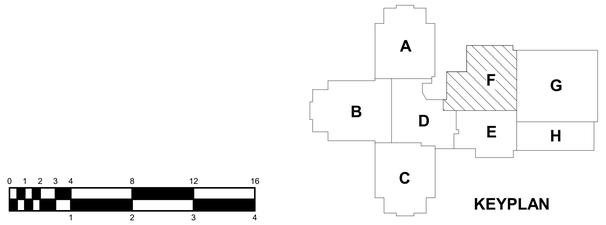
NORTH

GENERAL NOTES:

1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.
2. (#) DENOTES KITCHEN EQUIPMENT. SEE EQUIPMENT ROUGH-IN SCHEDULE FOR ADDITIONAL INFORMATION.

(#) PLAN NOTES:

1. CONNECT 2" WASTE PIPING TO SINK AND TERMINATE OVER FLOOR SINK.
2. 3/4" HOT AND COLD WATER DOWN.
3. 1/2" HOT AND 1/2" COLD WATER DOWN. 1 1/2" WASTE DOWN. 1 1/2" VENT UP.
4. CONNECT 3/4" DRAIN PIPING TO HOT/COLD WELLS AND TERMINATE OVER FLOOR SINK.
5. 6" ROOF CONDUCTOR DOWN.
6. 4" WASTE DOWN. 4" VENT UP. 4" VENT THRU ROOF.
7. 3/4" HOT AND 1 1/4" COLD WATER DOWN.
8. 3/4" HOT AND 3/4" COLD WATER DOWN. 2" WASTE DOWN. 2" VENT UP.
9. 3/4" COLD WATER DOWN.
10. BALANCE VALVE 0.5 GPM.
11. 3" VENT THROUGH ROOF.
12. 3/4" GAS UP TO ROOF.
13. INSTALL SHUTOFF VALVE AND EMERGENCY SHUTOFF VALVE PROVIDED BY KC INSTALLED BY MC.
14. 3/4" HOT AND COLD WATER, 2" WASTE DOWN, 1 1/2" VENT UP.
15. 2" WASTE DOWN. TERMINTATE OVER FLOOR SINK, 1 1/2" VENT UP.
16. 1/2" COLD WATER DOWN.
17. SOLENOID GAS SHUT-OFF VALVE.



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D&A# 23085

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	GAC	GAC

DRAWING TITLE:

ENLARGED KITCHEN PLAN - PLUMBING

CERTIFIED BY:

Joseph Michael Chrapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

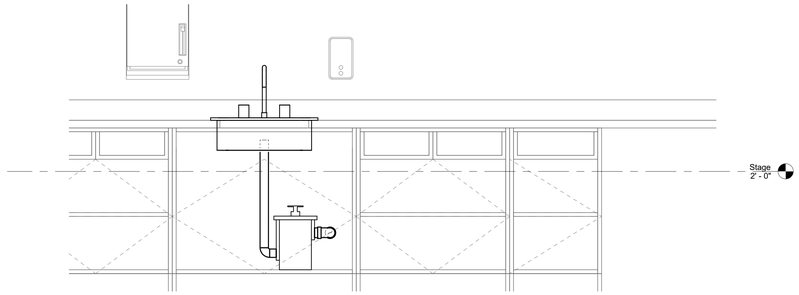
8/09/2024

DRAWING NUMBER

P361

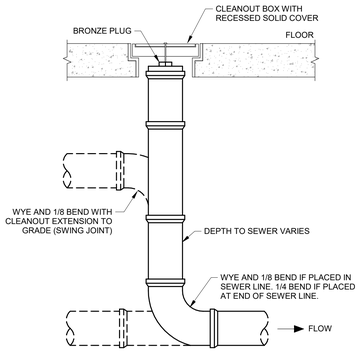
PROJECT NUMBER

2023061



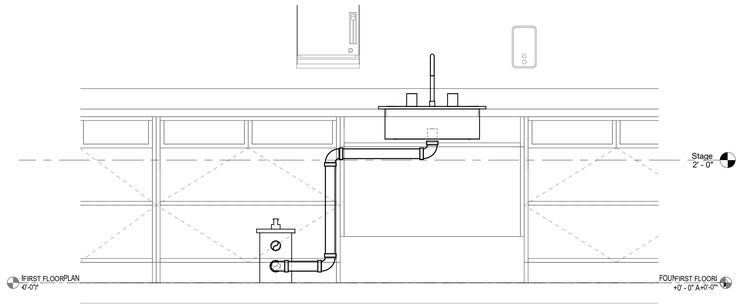
E SINK WITH SOLID INTERCEPTOR

SCALE: NONE



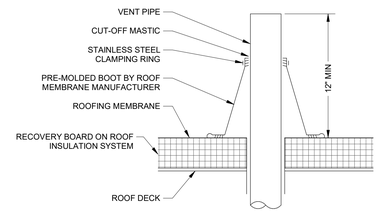
A INTERIOR CLEANOUT

SCALE: NONE



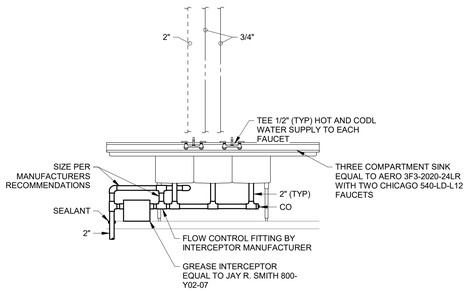
F ADA WITH SOLID INTERCEPTOR

SCALE: NONE



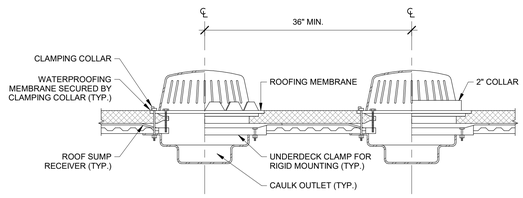
B VENT THROUGH ROOF DETAIL

SCALE: NONE



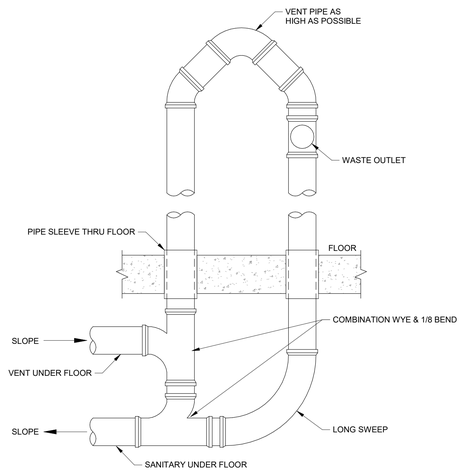
G GREASE INTERCEPTOR UNDER SINK

SCALE: NONE



C ROOF DRAIN DETAIL

SCALE: NONE



D LOOP VENT PIPING

SCALE: NONE

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Consulting Engineers
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732 North Capitol Avenue
Indianapolis, IN 46204
Phone: (317) 634-4672
Fax: (317) 638-8725

PROJECT:
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BID DOCUMENTS
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REVISIONS:

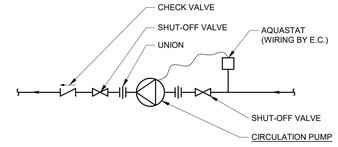
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	GAC	GAC

DRAWING TITLE:
DETAILS - PLUMBING

CERTIFIED BY:
Joseph Michael Chrapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

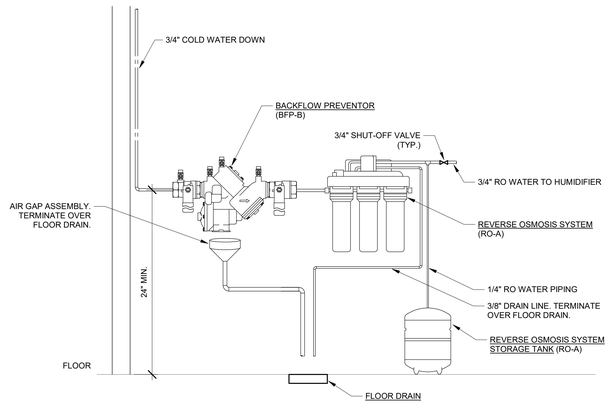
DRAWING NUMBER
P401

PROJECT NUMBER
2023061



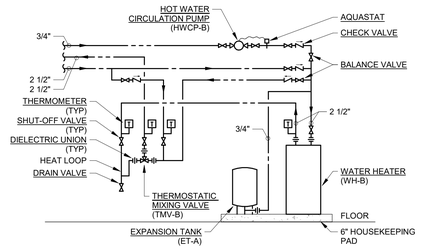
A CIRCULATION PUMP

SCALE: NONE



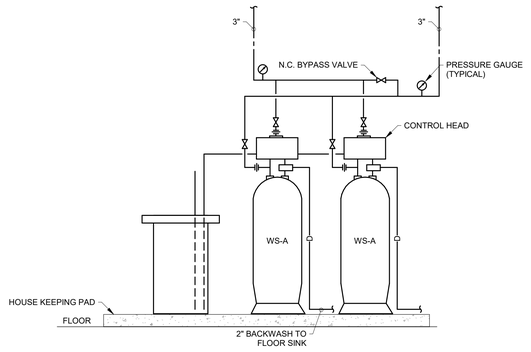
E REVERSE OSMOSIS SYSTEM

SCALE: NONE



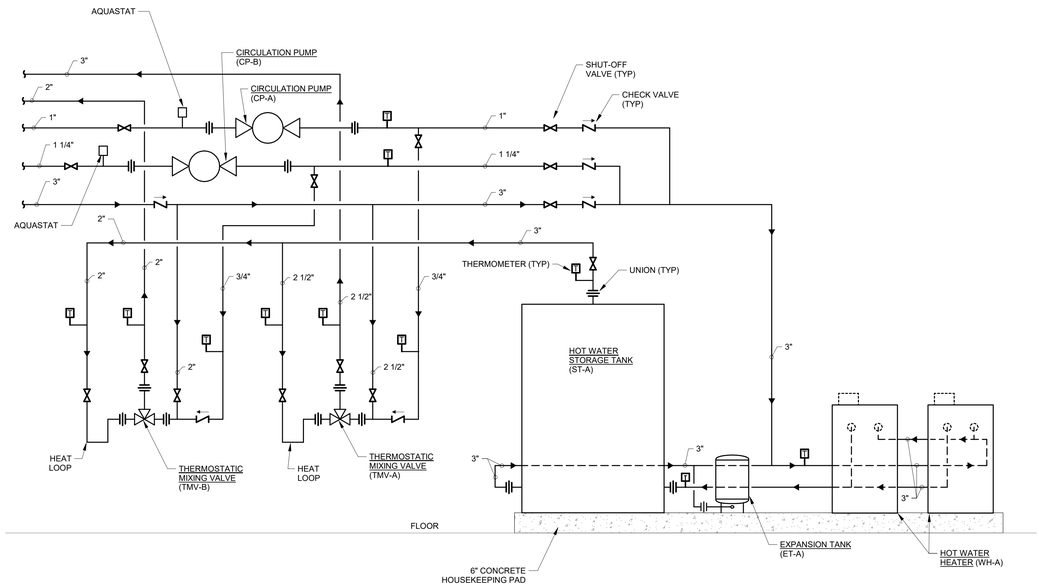
B WATER HEATER

SCALE: NONE



C WATER SOFTENER

SCALE: NONE



D WATER HEATER PIPING

SCALE: NONE

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D&A# 23085

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	GAC	GAC

DRAWING TITLE:

DETAILS - PLUMBING

CERTIFIED BY:

Joseph Michael Clarke
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

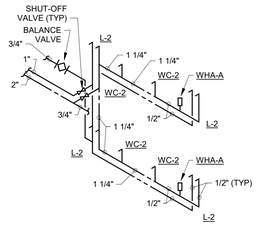
8/09/2024

DRAWING NUMBER

P402

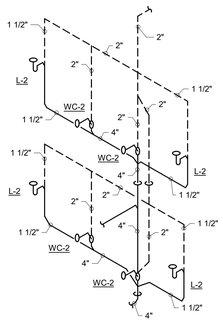
PROJECT NUMBER

2023061



A HOT AND COLD WATER DIAGRAM

SCALE: NONE



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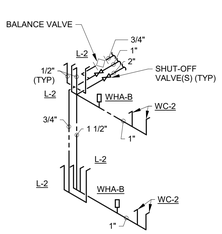

C HOT AND COLD WATER DIAGRAM

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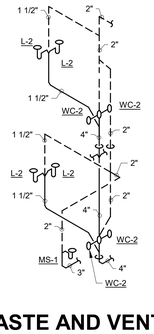

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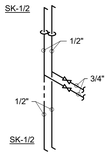

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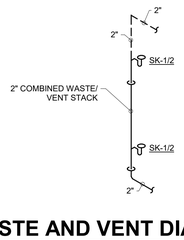

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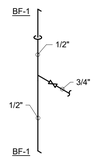

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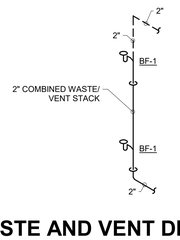

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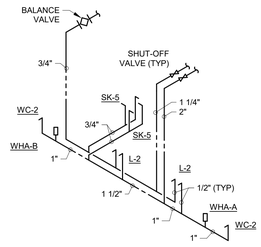

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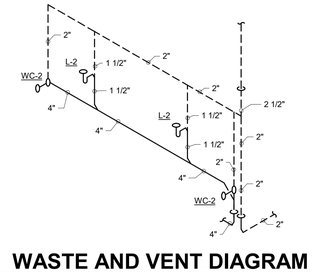

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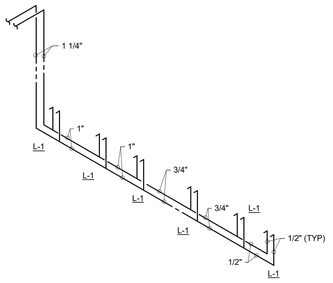

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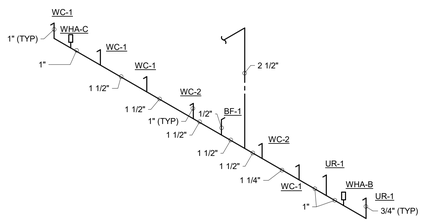

M HOT AND COLD WATER DIAGRAM

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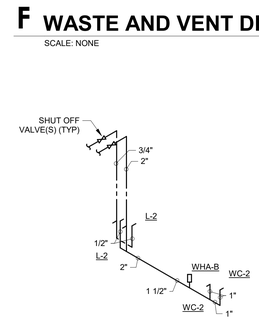

O HOT AND COLD WATER DIAGRAM

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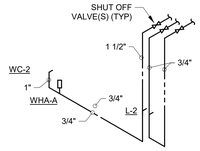

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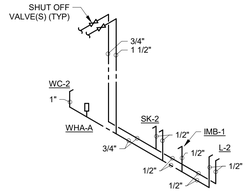

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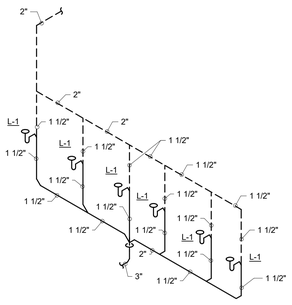

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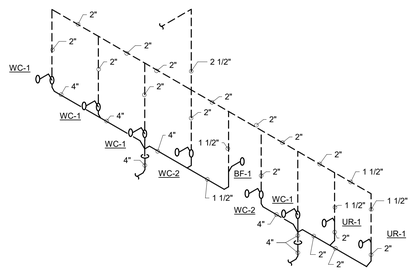

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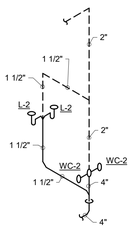

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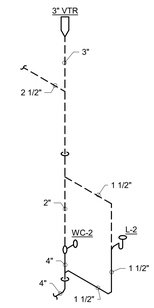

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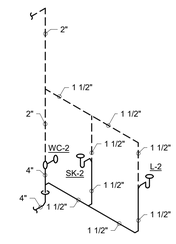

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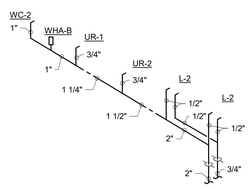

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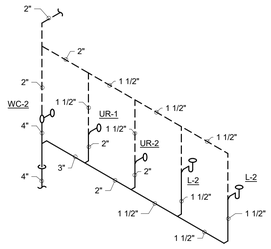

V WASTE AND VENT DIAGRAM

SCALE: NONE

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732 North Capitol Avenue
Indianapolis, IN 46204
Phone (317) 634-4472
Fax (317) 639-8725

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the basic materials of construction and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
To the full and complete Contract scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

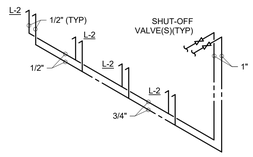
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	GAC	GAC

DRAWING TITLE:
ISOMETRICS - PLUMBING

CERTIFIED BY:
Joseph Michael Cunnyngham
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
P501

PROJECT NUMBER
2023061



A HOT AND COLD WATER DIAGRAM
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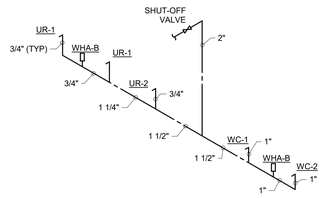

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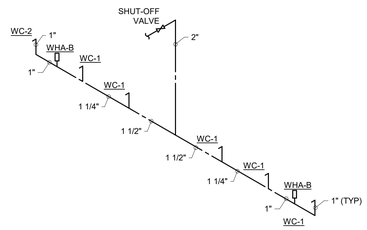

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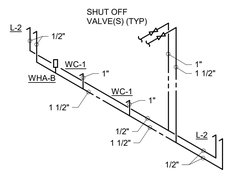

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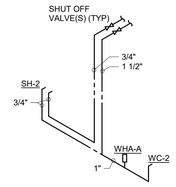

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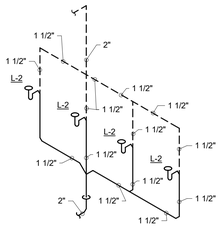

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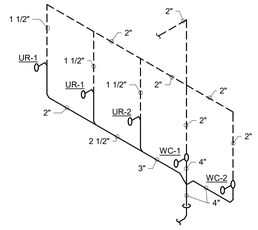

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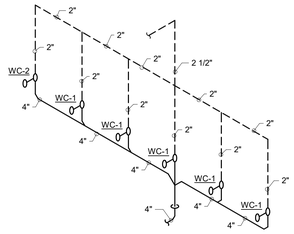

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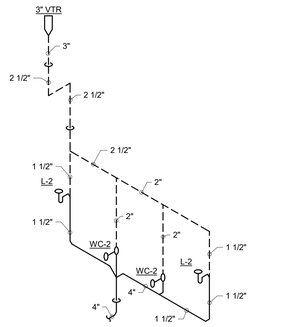

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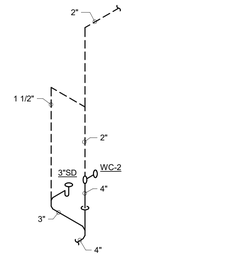

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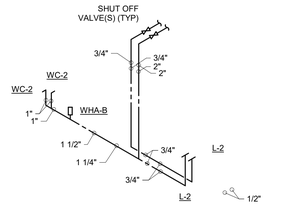

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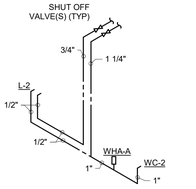

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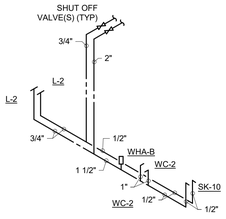

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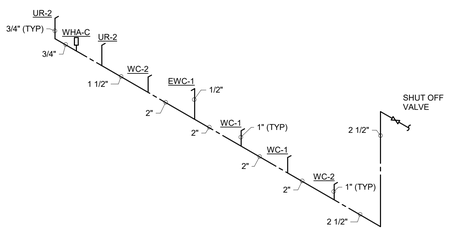

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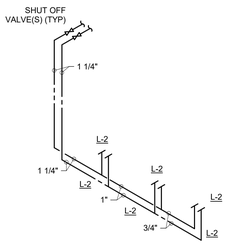

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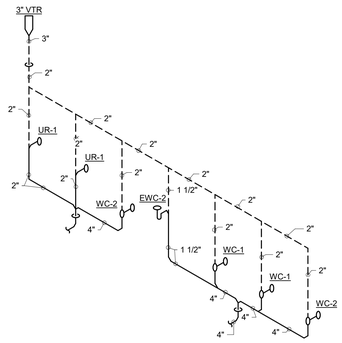

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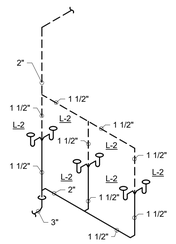

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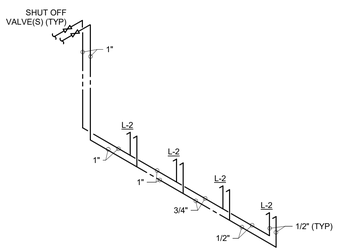

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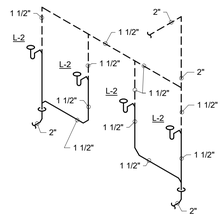

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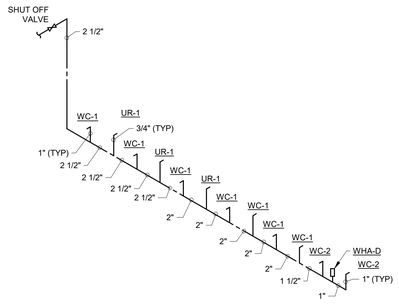

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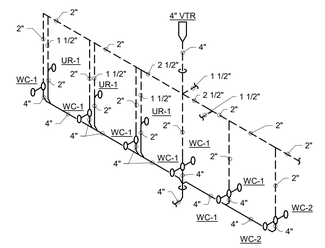

X WASTE AND VENT DIAGRAM
SCALE: NONE

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Consulting Engineers
D&A# 23085
732 North Capitol Avenue
Indianapolis, IN 46204
Phone (317) 634-4672
Fax (317) 639-8725

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project being bid and the extent of the work to be performed in the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the contractor's obligations.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	GAC	GAC

DRAWING TITLE:
ISOMETRICS - PLUMBING

CERTIFIED BY:
Joseph Michael Chinn
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
P502

PROJECT NUMBER
2023061

KITCHEN EQUIPMENT ROUGH-IN SCHEDULE

MARK NO.	EQUIPMENT DESCRIPTION	CW	HW	140 HW	WASTE		V	GAS DATA		NOTES
					DIRECT	INDIRECT		SIZE	BTUH	
2	FREEZER BLOWER COIL	-	-	-	-	3/4"	-	-	-	CONNECT DRAIN PIPING TO EQUIPMENT AND TERMINATE OVER FLOOR DRAIN.
4	COOLER BLOWER COIL	-	-	-	-	3/4"	-	-	-	CONNECT DRAIN PIPING TO EQUIPMENT AND TERMINATE OVER FLOOR DRAIN.
20	BLAST CHILLER	-	-	-	-	3/4"	-	-	-	CONNECT DRAIN PIPING TO EQUIPMENT AND TERMINATE OVER FLOOR SINK.
21	WORKTABLE	-	-	-	-	2"	-	-	-	CONNECT DRAIN PIPING TO EQUIPMENT AND TERMINATE OVER FLOOR SINK.
27	ICE MAKER	1/2"	-	-	-	3/4"	-	-	-	ICE MAKER AT 60" A.F.F. EXTEND SERVICE TO EQUIPMENT THRU KEC FURNISHED WATER FILTER. EXTEND DRAIN PIPING TO EQUIPMENT AND TERMINATE OVER FLOOR DRAIN.
29	ISLAND WORKTABLE W/ 2 COMP PREP SINK	-	-	-	-	2"	-	-	-	CONNECT DRAIN PIPING TO EQUIPMENT AND TERMINATE OVER FLOOR SINK.
30	SPLASH MOUNT FAUCET	1/2"	1/2"	-	-	-	-	-	-	CONNECT HOT AND COLD WATER TO FAUCET.
33	ISLAND WORK TABLE W/ PREP SINK	-	-	-	-	2"	-	-	-	CONNECT DRAIN PIPING TO EQUIPMENT AND TERMINATE OVER FLOOR SINK.
34	DECK MOUNT FAUCET	1/2"	1/2"	-	-	-	-	-	-	CONNECT HOT AND COLD WATER TO FAUCET.
41	HOT WATER DISPENSER	1/2"	-	-	-	3/4"	-	-	-	EXTEND SERVICE TO EQUIPMENT THRU KEC FURNISHED WATER FILTER. CONNECT DRAIN PIPING TO EQUIPMENT AND TERMINATE OVER FLOOR SINK.
44	ROTATING RACK BACKERY OVEN	1/2"	-	-	-	3/4"	-	-	-	CONNECT DRAIN PIPING TO EQUIPMENT AND TERMINATE OVER FLOOR SINK.
45	MULTIFUNCTIONAL COOKING APPLIANCE	3/4"	-	-	-	3/4"	-	-	-	EXTEND SERVICE TO EQUIPMENT THRU KEC FURNISHED WATER FILTER. CONNECT DRAIN PIPING TO EQUIPMENT AND TERMINATE OVER FLOOR SINK.
46.3	MAKE-UP AIR UNIT	-	-	-	-	-	-	3/4"	448.4	-
49	COMBI OVEN	3/4"	-	-	-	2"	-	-	-	COMBI OVEN HAS TWO CW INLETS. DIVIDE CW USING MANIFOLD AND EXTEND ONE LINE THRU WATER FILTER. CONNECT DRAIN PIPING TO EQUIPMENT AND TERMINATE OVER FLOOR SINK.
49.1	STACKED COMBI OVEN	3/4"	-	-	-	2"	-	-	-	COMBI OVEN HAS TWO CW INLETS. DIVIDE CW USING MANIFOLD AND EXTEND ONE LINE THRU WATER FILTER. CONNECT DRAIN PIPING TO EQUIPMENT AND TERMINATE OVER FLOOR SINK.
50	6 BURNER RANGE	-	-	-	-	-	-	3/4"	215.0	36" A.F.F.
51	12-GALLON TILT KETTLE	1/2"	1/2"	-	-	2"	-	-	-	CONNECT DRAIN PIPING TO EQUIPMENT AND TERMINATE OVER FLOOR SINK.
52	WALL MOUNT HAND SINK	1/2"	1/2"	-	1 1/2"	-	1 1/2"	-	-	24" TO RIM.
58	DROP-IN HOT WELL UNIT	-	-	-	-	3/4"	-	-	-	CONNECT DRAIN PIPING TO EQUIPMENT AND TERMINATE OVER FLOOR SINK.
59	FLOOR TROUGH	-	-	-	-	4"	-	-	-	"P" TRAP BELOW SLAB.
63	BACK COUNTER	-	-	-	-	2"	-	-	-	DIRECT DRAIN AT HAND SINK. AIR GAP AT DUMP SINK.
64	DECK MOUNT FAUCET	-	-	-	-	-	-	-	-	CONNECT HOT AND COLD WATER TO FAUCET.
71	DROP-IN HOT/COLD WELL UNIT	-	-	-	-	3/4"	-	-	-	CONNECT DRAIN PIPING TO EQUIPMENT AND TERMINATE OVER FLOOR SINK.
72	WORK COUNTER W/ DUMP SINK	-	-	-	-	2"	-	-	-	CONNECT DRAIN PIPING TO EQUIPMENT AND TERMINATE OVER FLOOR SINK.
72.1	DECK MOUNT FAUCET	1/2"	1/2"	-	-	-	-	-	-	CONNECT HOT AND COLD WATER TO FAUCET.
92	BACK COUNTER W/SINK	-	-	-	-	2"	-	-	-	CONNECT DRAIN PIPING TO EQUIPMENT AND TERMINATE OVER FLOOR SINK.
93	DECK MOUNT FAUCET	1/2"	1/2"	-	-	-	-	-	-	CONNECT HOT AND COLD WATER TO FAUCET.
97	DROP-IN HOT/COLD WELL UNIT	-	-	-	-	3/4"	-	-	-	CONNECT DRAIN PIPING TO EQUIPMENT AND TERMINATE OVER FLOOR SINK.
99	DROP-IN COLD WELL UNIT	-	-	-	-	3/4"	-	-	-	CONNECT DRAIN PIPING TO EQUIPMENT AND TERMINATE OVER FLOOR SINK.
110	SOILED DISH TABLE	-	-	-	2"	-	2"	-	-	-
111	SPLASH MOUNTED PRE-RINSE FAUCET	1/2"	1/2"	-	-	-	-	-	-	CONNECT HOT AND COLD WATER TO FAUCET.
112	DISH MACHINE	1/2"	1/2"	-	-	2"	-	-	-	CONNECT DRAIN PIPING TO EQUIPMENT AND TERMINATE OVER FLOOR SINK.
113	BLOWER DRYER	-	-	-	-	1"	-	-	-	CONNECT DRAIN PIPING TO EQUIPMENT AND TERMINATE OVER FLOOR SINK.
121	THREE COMPARTMENT SINK	-	-	-	-	2"	-	-	-	CONNECT DRAIN PIPING TO EQUIPMENT AND TERMINATE OVER FLOOR SINK. DRAIN TO 2" DIREC WASTE PER LOCAL CODE.
123	SPLASH MOUNT FAUCET	3/4"	3/4"	-	-	-	-	-	-	CONNECT HOT AND COLD WATER TO FAUCET.
124	SPLASH MOUNTED PRE-RINSE FAUCET	1/2"	1/2"	-	-	-	-	-	-	CONNECT HOT AND COLD WATER TO FAUCET.
125	SCRAPPING STATION	3/4"	3/4"	-	2"	-	1 1/2"	-	-	-
128	JANITORIAL MOP SINK	1/2"	1/2"	-	3"	-	1 1/2"	-	-	EXTEND DRAIN LNE FROM EQUIPMENT TO FLOOR DRAIN. EXTEND SERVICE TO FAUCET MOUNTED ON EQUIPMENT.
133	WASHER & DRYER	1/2"	1/2"	-	1 1/2"	-	-	-	-	VERIFY UTILITY REQUIREMENTS W/ OWNER.

NOTES: 1. KITCHEN EQUIPMENT BY OTHERS. COORDINATE FINAL CONNECTION WITH KITCHEN EQUIPMENT VENDOR.

2. REFER TO FOOD SERVICE KITCHEN EQUIPMENT DRAWINGS FOR ADDITIONAL INFORMATION.

WATER HAMMER ARRESTER SCHEDULE

TYPE	I.P.S.	F.U. RATING	J.R. SMITH NO.	WADE NO.	ZURN NO.	REMARKS
A	3/4"	1 - 11	5005	W-5	100	P.D.I. CERTIFIED
B	1"	12 - 32	5010	W-10	200	P.D.I. CERTIFIED
C	1"	33 - 60	5020	W-20	300	P.D.I. CERTIFIED
D	1"	61 - 113	5030	W-50	400	P.D.I. CERTIFIED

FIXTURE ROUGH-IN SCHEDULE & MOUNTING HEIGHTS

MARK NO.	FIXTURE DESCRIPTION	CW	HW	TRAP	W	V	MOUNTING HEIGHTS
WC-1	WATER CLOSET - FLOOR MOUNTED, FLUSH VALVE	1"	-	INTEGRAL	4"	2"	15" TO SEAT
WC-2	WATER CLOSET - FLOOR MOUNTED, FLUSH VALVE, ADA	1"	-	INTEGRAL	4"	2"	17" TO SEAT
UR-1	URINAL - WALL HUNG, FLUSH VALVE	3/4"	-	INTEGRAL	2"	1-1/2"	24" TO RIM
UR-2	URINAL - WALL HUNG, FLUSH VALVE, ADA	3/4"	-	INTEGRAL	2"	1-1/2"	17" TO RIM
L-1	LAVATORY - WALL HUNG	1/2"	1/2"	1-1/2"	1-1/2"	1-1/2"	34" TO TOP OF DECK
L-2	LAVATORY - WALL HUNG, ADA	1/2"	1/2"	1-1/2"	1-1/2"	1-1/2"	34" TO TOP OF DECK
SK-1	SINGLE COMPARTMENT LAB SINK	1/2"	1/2"	1-1/2"	1-1/2"	1-1/2"	INTEGRAL TO COUNTERTOP
SK-2	SINGLE COMPARTMENT LAB SINK - ADA	1/2"	1/2"	1-1/2"	1-1/2"	1-1/2"	INTEGRAL TO COUNTERTOP
SK-3	SINGLE COMPARTMENT SINK - ADA	1/2"	1/2"	1-1/2"	1-1/2"	1-1/2"	MOUNT IN COUNTERTOP
SK-4	SINGLE COMPARTMENT WORK SHOP SINK	1/2"	1/2"	1-1/2"	1-1/2"	1-1/2"	MOUNT IN COUNTERTOP
SK-5	SINGLE COMPARTMENT TEACHERS STATION KITCHEN SINK - ADA	1/2"	1/2"	1-1/2"	1-1/2"	1-1/2"	MOUNT IN COUNTERTOP
SK-6	SINGLE COMPARTMENT KITCHEN SINK	1/2"	1/2"	1-1/2"	1-1/2"	1-1/2"	MOUNT IN COUNTERTOP
SK-7	SINGLE COMPARTMENT KITCHEN SINK - ADA	1/2"	1/2"	1-1/2"	1-1/2"	1-1/2"	MOUNT IN COUNTERTOP
SK-8	SINGLE COMPARTMENT ART SINK	1/2"	1/2"	1-1/2"	1-1/2"	1-1/2"	MOUNT IN COUNTERTOP, PROVIDE SOLIDS INTERCEPTOR
SK-9	SINGLE COMPARTMENT ART SINK - ADA	1/2"	1/2"	1-1/2"	1-1/2"	1-1/2"	MOUNT IN COUNTERTOP, PROVIDE SOLIDS INTERCEPTOR IN ADJACENT CABINET
SK-10	SINGLE COMPARTMENT SINK WITH LEGS	1/2"	1/2"	1-1/2"	1-1/2"	1-1/2"	-
SK-11	SINGLE COMPARTMENT CLINIC SINK	1/2"	1/2"	1-1/2"	1-1/2"	1-1/2"	MOUNT IN COUNTERTOP
SK-12	SINGLE COMPARTMENT CLINIC SINK	1/2"	1/2"	1-1/2"	1-1/2"	1-1/2"	MOUNT IN COUNTERTOP
SK-13	THREE COMPARTEMENT SINK	1/2"	1/2"	1-1/2"	1-1/2"	1-1/2"	MOUNT IN COUNTERTOP, PROVIDE GREASE INTERCEPTOR IN ADJACENT CABINET
SK-14	SINGLE COMPARTEMENT INSTRUMENT SINK W/ LEGS	1/2"	1/2"	1-1/2"	1-1/2"	1-1/2"	-
SK-15	SINGLE COMPARTEMENT INSTRUMENT SINK	1/2"	1/2"	1-1/2"	1-1/2"	1-1/2"	MOUNT IN COUNTERTOP
EWC-1	ELECTRIC WATER COOLER WITH BOTTLE FILLER, ADA	1/2"	-	1-1/2"	1-1/2"	1-1/2"	36" TO BUBBLER
EWC-2	ELECTRIC WATER COOLER WITH BOTTLE FILLER, ADA, EXTERIOR RATED	1/2"	-	1-1/2"	1-1/2"	1-1/2"	36" TO BUBBLER
BF-1	BOTTLE FILLER	1/2"	-	1-1/2"	1-1/2"	1-1/2"	27" TO RIM
IMB-1	ICE MAKER BOX	1/2"	-	INDIRECT	-	-	-
HB-1	HOSE BIBB (INTERIOR)	1/2"	-	-	-	-	18" ABOVE FINISH FLOOR
HYD-1	WALL HYDRANT - NON-FREEZE	3/4"	-	-	-	-	24" ABOVE FINISH FLOOR
WB-1	CLOTHES WASHER BOX	3/4"	3/4"	2"	2"	1-1/2"	48" ABOVE FINISH FLOOR
SH-1	SHOWER	1/2"	1/2"	-	-	-	48" TO SHOWER VALVE 78" TO SHOWER HEAD
SH-2	SHOWER - ADA, WITH HAND WAND	1/2"	1/2"	-	-	-	38-48" TO SHOWER CONTROL AREA 78" TO SHOWER HEAD
MS-1	MOP SERVICE BASIN	3/4"	3/4"	3"	1-1/2"	1-1/2"	36" TO FAUCET

PLUMBING EQUIPMENT SCHEDULE

MARK NO.	SPECIFICATION NAME	MANUFACTURER & MODEL NO.	ELECTRICAL DATA			GAS LOAD (BTU)	CAPACITY	REMARKS
			LOAD	VOLTS	PHASE			
BFP-A	REDUCED PRESSURE PRINCIPAL BACKFLOW PREVENTOR	ZURN WILKINS #375A-3"	-	-	-	-	150 GPM @ 12 PSI DROP	-
BFP-B	REDUCED PRESSURE PRINCIPAL BACKFLOW PREVENTOR	ZURN WILKINS #975XL-3/4"	-	-	-	-	30 GPM @ 13 PSI DROP	-
BP-A	DOMESTIC BOOSTER PUMP	GRUNDFOS HYDRO-MPC 3CRE 32-2-2	(3) 7.5 HP	480	3 PH	-	145 GPM PER PUMP	-
WH-A	GAS FIRED WATER HEATER	A.O. SMITH PWH0400NP	-	120	1 PH	400,000	479 GPH @100°ΔT	DIRECT VENT (CONCENTRIC)
WH-B	GAS FIRED WATER HEATER	A.O. SMITH BTH-199	-	208	1 PH	200,000	100 GALLON STORAGE, 291 GPH @100°ΔT	DIRECT VENT (CONCENTRIC)
ST-A	HOT WATER STORAGE TANK	A.O. SMITH TJVT-500A	-	-	-	-	TANK VOLUME = 500 GALLONS, 3" TANK CONNECTIONS	-
TMV-A/B	THERMOSTATIC MIXING VALVE	LAWLER #804-50	-	-	-	-	50 GPM @ 5 PSI DROP	MOUNT AT 24" A.F.F.
CP-A	CIRCULATION PUMP	GRUNDFOS MANGNA 3 - 35-100	1/4 HP	115	1 PH	-	22 GPM @ 25' TDH	AQUASTAT SET POINTS ON: 105°F OFF: 110°F
CP-B	CIRCULATION PUMP	GRUNDFOS MANGNA 3 - 35-100	1/4 HP	115	1 PH	-	3.0 GPM @ 20' TDH	AQUASTAT SET POINTS ON: 117°F OFF: 120°F
ET-A	EXPANSION TANK	THERM-X-TROL #ST-30	-	-	-	-	TANK VOLUME = 15 GALLONS	-
ET-B	EXPANSION TANK	THERM-X-TROL #ST-12-C	-	-	-	-	TANK VOLUME = 6.4 GALLONS	-
WS-A	WATER SOFTENER	AQUA SYSTEMS GEN II - 4000	20 A	115	1 PH	-	195 GPM @ 15' TDH PER TANK	-
RO-A	REVERSE OSMOSIS SYSTEM	AQUA SYSTEMS AQPL-100	-	-	-	-	100 GPD PRODUCTION	PROVIDE WR-60 PRESSURE TANK

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D&A# 23085

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. The Contract Documents are complementary and describe all work required for full performance and completion of the requirements of the Contract.
The Trade Contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	GAC	GAC

DRAWING TITLE:
SCHEDULES - PLUMBING

CERTIFIED BY:
Joseph Michael Chrisman
REGISTERED
No. PE11700335
STATE OF
INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
P601

PROJECT NUMBER
2023061

PLUMBING

Symbol	Description
–	COLD WATER
– –	HOT WATER
– – –	HOT WATER RETURN
140°	HOT WATER (140° F)
140°	HOT WATER RETURN (140° F)
180°	HOT WATER (180° F)
180°	HOT WATER RETURN (180° F)
T	TEMPERED WATER
CSW	COLD SOFT WATER
HSW	HOT SOFT WATER
HSWR	HOT SOFT WATER RETURN
NPW	NON-POTABLE WATER
RW	RAW WATER
G	GAS
A	AIR (WITH PSI)
I	STORM WATER (SUSPENDED)
/	STORM WATER (BURIED)
II	SANITARY WASTE (SUSPENDED)
//	SANITARY WASTE (BURIED)
III	ACID WASTE (SUSPENDED)
///	ACID WASTE (BURIED)
	SANITARY VENT LINE
GW	GREASE WASTE
D	DRAIN LINE
WW	WELL WATER
GM	GAS METER
WM	WATER METER
	RPBP (REDUCED PRESSURE BACKFLOW PREVENTER) RPZ (REDUCED PRESSURE ZONE)
	AIR CHAMBER
	SHOCK ABSORBER

PIPE FITTINGS

- ELBOW UP
- ELBOW DOWN
- TEE UP
- TEE DOWN
- CONCENTRIC REDUCER
- ECCENTRICAL REDUCER
- END CAP
- UNION
- STRAINER
- FLANGED CONNECTION
- FLOW ARROW
- PIPE ANCHOR
- EXPANSION JOINT
- PIPE SLEEVE
- PIPE ALIGNMENT GUIDES
- FLEX CONNECTOR
- PIPE PITCH ARROW (DOWN IN ARROW DIRECTION)
- PRESSURE GAUGE
- AUTOMATIC AIR VENT
- COMPOUND GAUGE
- ELBOW
- TEE
- CLEANOUTS (CO)
- FLOOR DRAIN (FD)
- THERMOMETER (T)

STEAM PIPING

Symbol	Description
BFW	BOILER FEED WATER
EBFW	EMERGENCY BOILER FEED WATER
LPS	LOW PRESSURE STEAM
MPS	MEDIUM PRESSURE STEAM
HPS	HIGH PRESSURE STEAM
LPR	LOW PRESSURE CONDENSATE RETURN
MPR	MEDIUM PRESSURE CONDENSATE RETURN
HPR	HIGH PRESSURE CONDENSATE RETURN
PD	CONDENSATE PUMP DISCHARGE
CR	CONDENSATE RETURN
F&T	FLOAT & THERMOSTATIC TRAP
IB	INVERTED BUCKET TRAP
T	THERMOSTATIC TRAP

HVAC PIPING

Symbol	Description
CS	CONDENSER WATER SUPPLY
CR	CONDENSER WATER RETURN
CHWS	CHILLED WATER SUPPLY
CHWR	CHILLED WATER RETURN
GS	GROUND LOOP WATER SUPPLY
GR	GROUND LOOP WATER RETURN
HS	HEATING WATER SUPPLY
HR	HEATING WATER RETURN
FOS	FUEL OIL SUPPLY
FOR	FUEL OIL RETURN
FOV	FUEL OIL VENT
RD	REFRIGERANT DISCHARGE
RS	REFRIGERANT SUCTION
RL	REFRIGERANT LIQUID
RHG	REFRIGERANT HOT GAS
DTS	DUAL TEMPERATURE SUPPLY
DTR	DUAL TEMPERATURE RETURN
CD	CONDENSATE DRAIN

VALVES

- SHUT-OFF VALVE
- SHUT-OFF VALVE
- VERTICAL SHUT-OFF/IN VERTICAL PIPE
- BALANCING VALVE
- CHECK VALVE
- PRESSURE REDUCING VALVE
- MAKEUP WATER VALVE
- FLOW CONTROL VALVE (FCV)
- SAFETY/PRESSURE RELIEF VALVE
- TEMP/PRESSURE RELIEF VALVE
- CONTROL VALVE (TCV)
- 3-WAY CONTROL VALVE
- THROTTLING VALVE

REFRIGERATION VALVES/FITTINGS

- FILTER-DRYER (D)
- SIGHT GLASS (S)
- CHARGING VALVE
- EVAPORATOR PRESSURE REGULATOR
- MANUAL REFRIGERATION VALVE
- THERMOSTATIC EXPANSION VALVE

RADIATION SYMBOLS

- FINNED TUBE RADIATION
- FINNED TUBE RADIATION IN COVER
- BARE PIPE IN COVER
- RADIATION COVER ONLY

DUCT SYMBOLS

- VOLUME DAMPER
- SUPPLY DUCT UP
- RETURN OR EXHAUST DUCT UP
- SUPPLY DUCT DOWN
- RETURN OR EXHAUST DUCT DOWN
- INTERNAL LINED DUCT
- FIRE DAMPER (FD) IN DUCT
- COMBINATION FIRE/SMOKE DAMPER (FSD) IN DUCT
- SMOKE DAMPER (SD) IN DUCT
- ACCESS PANEL (AP)

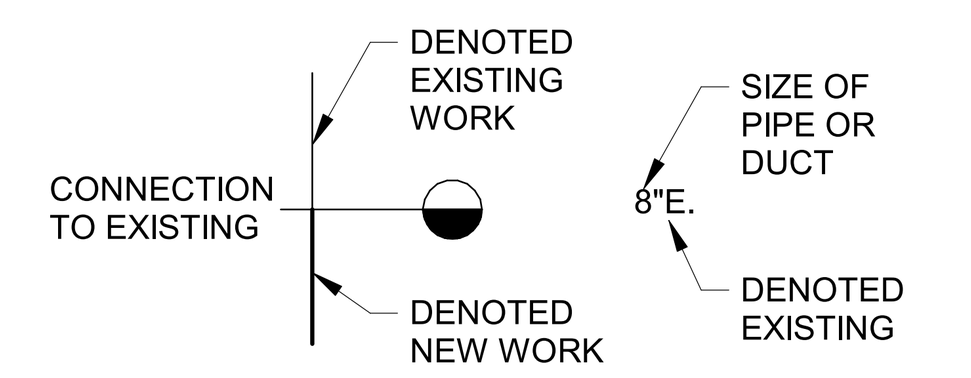
FIRE PROTECTION SYSTEM

Symbol	Description
	PENDANT SPRINKLER HEAD
	UPRIGHT SPRINKLER HEAD
	CONCEALED SPRINKLER HEAD
F	FIRE PROTECTION PIPING
DS	DRY STANDPIPE
DP	DRY PIPE SPRINKLER PIPING
PA	PRE-ACTION SPRINKLER PIPING
W P	WET FIRE PROTECTION PIPING
	FIRE HYDRANT
	SIAMESE HOSE CONNECTION
PIV	POST INDICATOR VALVE
TS	TAMPER SWITCH
FS	FLOW SWITCH

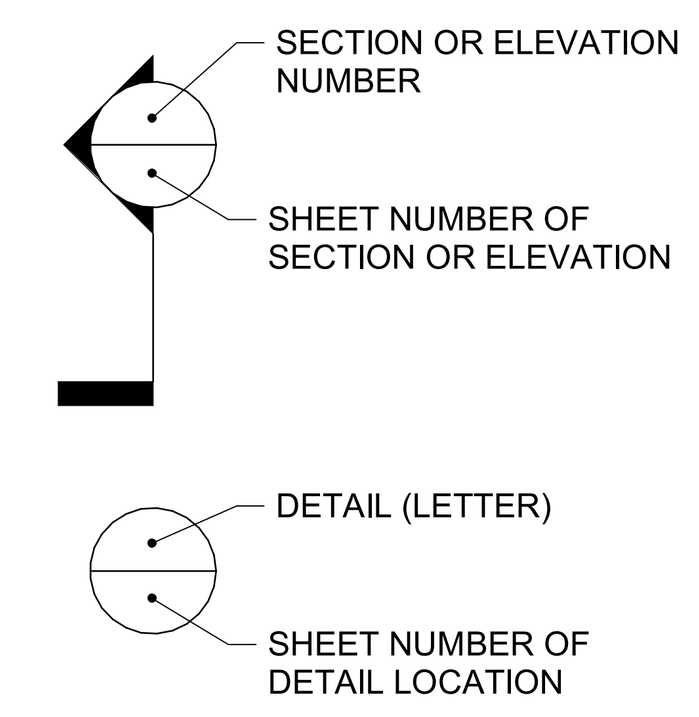
TEMPERATURE CONTROL/MONITORING

Symbol	Description
T H	ROOM THERMOSTAT (HEAT)
T H,C	ROOM THERMOSTAT (HEAT/COOL)
T C	ROOM THERMOSTAT (COOL)
T	DUCT THERMOSTAT
H	HUMIDISTAT
C	CARBON DIOXIDE SENSOR
FS	FLOW SWITCH
T	TEMPERATURE SENSOR
FM	FLOW METER
M	MOTORIZED DAMPER
DPT	DIFFERENTIAL PRESSURE TRANSMITTER
	PETE'S PLUG
VFD	VARIABLE FREQUENCY DRIVE
TCP	TEMPERATURE CONTROL PANEL

DRAWING NOTATIONS

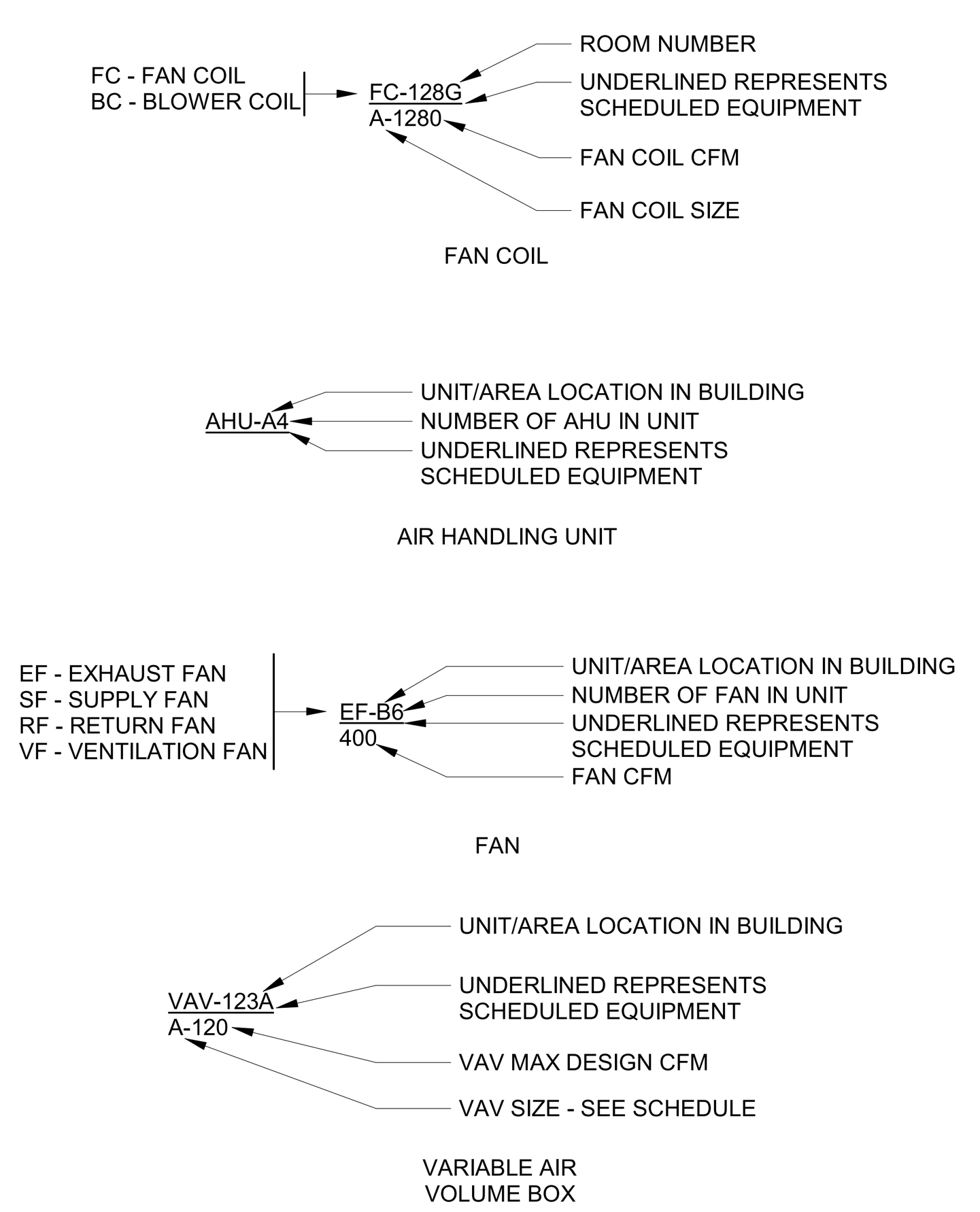


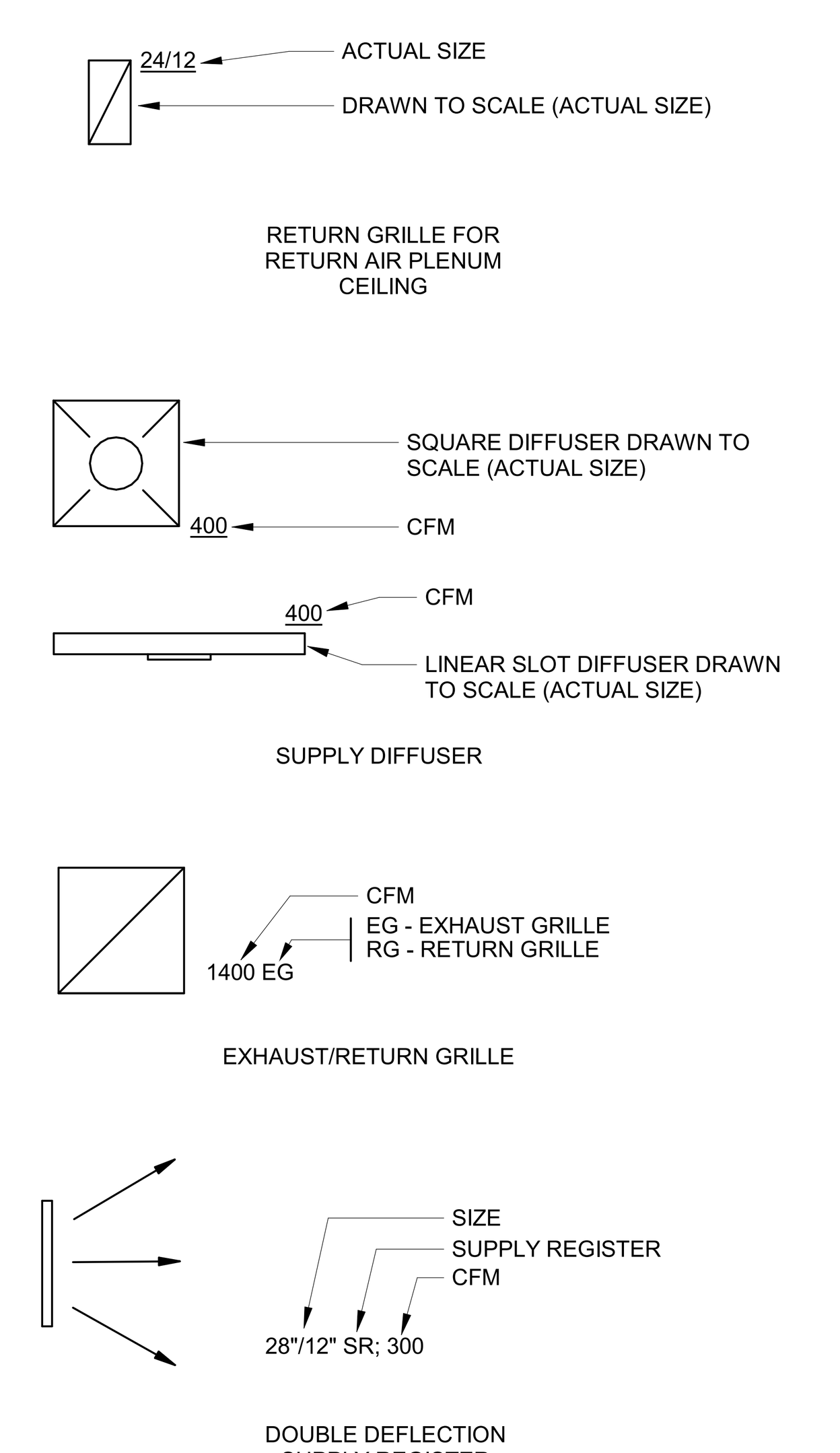
SECTIONS AND DETAILS



NOMENCLATURE FOR SCHEDULED DEVICES

(SEE SCHEUDLES M600 SERIES DRAWINGS FOR ADDITIONAL INFORMATION)





ABBREVIATIONS

AD	AREA DRAIN
AFC	AUTOMATIC FLOW CONTROL
AFF	ABOVE FINISHED FLOOR
AHR	AIR HOSE REEL
AHU	AIR HANDLING UNIT
ALT	ALTERNATE
AP	ACCESS PANEL
AS	AIR SEPARATOR
BD	BLOWDOWN
BDD	BACKDRAFT/PRESSURE RELIEF DAMPER
BTU	BRITISH THERMAL UNIT
BV	BALANCE VALVE
CB	CATCH BASIN
CI	CAST IRON
CL	CENTERLINE
CO	CLEANOUT
CF	CLOSET FLANGE
COND	CONDENSATE
CONV	HYDRONIC CONVECTOR
CUH	CABINET UNIT HEATER
CW	COLD WATER
DB	DRY BULB
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIFF	DIFFUSER
DS	DOWNSPOUT
DXC	DIRECT EXPANSION COOLING COIL
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EBBR	ELECTRIC BASEBOARD RADIATION
EC	ELECTRICAL CONCTRACTOR
EG	EXHAUST GRILLE
ECONV	ELECTRIC CONVECTOR
ECUH	ELECTRIC CABINET UNIT HEATER
EF	EXHAUST FAN
ELEC	ELECTRICAL
ELEV	ELEVATION
EOM	END OF MAIN DRIP
EPUH	ELECTRIC PROPELLER UNIT HEATER
ERCP	ELECTRIC RADIANT CEILING PANEL
ESP	EXTERNAL STATIC PRESSURE
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
EXPT	EXPANSION TANK
E.	EXISTING
ETR	EXISTING TO REMAIN
FD	FLOOR DRAIN OR FIRE DAMPER
FS	FLOOR SINK
FPVAV	FAN POWERED VAV
FOB	FLAT ON BOTTOM
FSD	COMBINATION FIRE/SMOKE DAMPER
FTR	HYDRONIC FINNED TUBE RADIATION
GC	GENERAL CONTRACTOR
GEN	GENERAL
HB	HOSE BIBB
HTG	HEATING
HW	HOT WATER
HWR	HOT WATER RETURN
HYD	WALL HYDRANT
ID	INTERNAL DIAMETER
INV. EL.	INVERTED ELEVATION
LAT	LEAVING AIR TEMPERATURE
LBG	LINEAR BAR GRILLE
LBRG	LINEAR BAR RETURN GRILLE
LAV	LAVATORY
MBH	1000 BTU/HOUR
MECH	MECHANICAL
MH	MANHOLE
MC	MECHANICAL CONTRACTOR
MS	MOP SINK
MUV	AUTOMATIC MAKE-UP VALVE
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
OA	OUTSIDE AIR
OAD	OUTSIDE AIR DAMPER
OBD	OPPOSED BLADE DAMPER
OD	OUTSIDE DIAMETER
ORD	OVERFLOW ROOF DRAIN
OSD	OPEN SITE DRAIN
PFHX	PLATE AND FRAME HEAT EXCHANGER
PIV	POST INDICATOR VALVE
PLBG	PLUMBING
PRV	PRESSURE REDUCING VALVE
PUH	PROPELLER UNIT HEATER
RA	RETURN AIR
RAD	RETURN AIR DAMPER
RCP	HYDRONIC RADIANT CIELING HEATING PANEL
RCNP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
RECIRC	RECIRCULATING
RG	RETURN GRILLE
RPZ	REDUCED PRESSURE BACKFLOW PREVENTER
RR	RETURN REGISTER
RIV	ROOF INTAKE VENT
RRV	ROOF RELIEF VENT
SA	SUPPLY AIR
SAN	SANITARY
SD	SMOKE DAMPER
SG	SUPPLY GRILLE
SHDR	SHOWER DRAIN
SK	SINK
SR	SUPPLY REGISTER
SS	STAINLESS STEEL
STHX	SHELL AND TUBE HEAT EXCHANGER
TCC	TEMPERATURE CONTROL CONTRACTOR
TCP	TEMPERATURE CONTROL PANEL
TG	TRANSFER GRILLE
TO	TRANSFER OPENING
TP	TRAP PRIMER LINE
TYP	TYPICAL
UR	URINAL
VAV	VARIABLE AIR VOLUME
VCP	VETRIFIED CLAY PIPE
VD	VOLUME DAMPER
VFD	VARIABLE FREQUENCY DRIVE
VS	VENT STACK
VSD	VARIABLE SPEED DRIVE
VTR	VENT THROUGH ROOF
W	WASTE
WB	WET BULB
WC	WATER CLOSET
WS	WASTE STACK

GENERAL NOTES

1. THESE NOTES APPLY TO EACH AND EVERY 'M', 'P' AND 'FP' SERIES DRAWINGS.
2. COORDINATE ALL SHUT-DOWNS, DELIVERY, AND STORAGE OF MATERIALS, ETC. WITH OWNER'S REPRESENTATIVE.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WORK WITH ALL OTHER TRADES. SEE SPECIFICATION FOR ADDITIONAL REQUIREMENTS RELATED TO COORDINATION.
4. CONTRACTORS SHALL PROTECT ALL EXISTING OWNER FACILITIES DURING CONSTRUCTION. ANY AND ALL OWNER FACILITIES DAMAGED OR DISCONNECTED BY CONTRACTOR OPERATIONS SHALL BE FULLY RESTORED TO PREVIOUS OPERATING AND APPEARANCE CONDITION BY CONTRACTOR.
5. PROVIDE SLEEVES FOR ALL PIPING AND DUCTWORK THAT PENETRATE WALLS, WHETHER SHOWN OR NOT. SEE SPECIFICATIONS.
6. ALL UNDERLINED EQUIPMENT IS SCHEDULED. SEE M600, P600 AND FP600 SERIES DRAWINGS FOR SCHEDULES.
7. REFERENCE M400, P400 AND FP400 SERIES DRAWINGS FOR TYPICAL AND SPECIFIC INSTALLATION REQUIREMENTS FOR EQUIPMENT, ETC.
8. SMOKING, ALCOHOL, DRUGS, WEAPONS, AND CONTRABAND ARE STRICTLY FORBIDDEN ON JOB SITE PROPERTY.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR CORE DRILLING AND CUTTING HOLES THROUGH WALLS AND FLOORS AS REQUIRED TO INSTALL NEW PIPING AND DUCTWORK, WHETHER SHOWN OR NOT UNLESS SPECIFICALLY NOTED ON 'S' SERIES DRAWINGS.
10. CONTRACTOR SHALL PROVIDE PLATING AS REQUIRED TO PROTECT SURFACE OF ASPHALT PARKING LOT. PROVIDE PLATES UNDER WHEELS OF DUMPSTERS, LIFTING DEVICES AND ANY OTHER EQUIPMENT THAT COULD SINK INTO THE ASPHALT.
11. LOCATE AIR TERMINAL BOXES, VALVES, METERS, GAUGES, DAMPERS, FANS, ETC., ABOVE LAY-IN CEILING OR IN EXPOSED AREAS. ALL ITEMS REQUIRING SERVICE AND VALVES MUST BE ACCESSIBLE.
12. ADHERE ENGRAVED PLASTIC LAMINATE TAGS TO THE ACOUSTICAL LAY-IN CEILING GRID AT ALL LOCATIONS WHERE TERMINAL DEVICES, VALVES, FANS, ETC. ARE LOCATED ABOVE THAT CEILING INDICATING THE EQUIPMENT NOMENCLATURE INSTALLED.
13. DO NOT INSTALL DEVICES WHICH REQUIRE SERVICE BEHIND WALLS OR PLASTER CEILINGS OR BAR JOISTS.
14. ACCESS PANELS ARE REQUIRED IN HARD CEILINGS WHETHER SHOWN OR NOT WHEREVER ACCESS IS REQUIRED TO INSTALL OR SERVICE EQUIPMENT. COORDINATE LOCATIONS WITH REFLECTED CEILING PLANS.
15. IF ACCESS PANELS ARE NEEDED, PROVIDE PANELS WITH HINGES AND KEYED TO THE BUILDING MASTER KEY SYSTEM. DO NOT USE CLOSURE SCREWS.
16. WHERE UNITS MUST BE INSTALLED ABOVE HARD CEILINGS, CONTROL RELAYS, SHUT-OFF VALVES, AND/OR SIMILAR ACCESSORIES MUST BE LOCATED FOR MAINTENANCE THROUGH THE ACCESS PANEL.
17. DO NOT RUN ANY UTILITIES, DUCTWORK, PIPING OR EQUIPMENT ABOVE TELECOMMUNICATIONS ROOMS OR ELEVATOR EQUIPMENT ROOMS. CONTACT ENGINEER IF SUCH A CONDITION IS REALIZED, PRIOR TO INSTALLATION.
18. ALL FLOOR OR OUTDOOR MOUNTED EQUIPMENT SHALL BE INSTALLED ON A CONCRETE HOUSEKEEPING PAD. CONCRETE PADS FOR ALL HVAC EQUIPMENT MUST BE A FACTORY MIX (NOT BAG MIXED ON SITE).
19. ALL PLUMBING AND MECHANICAL PIPING AND INSULATION MATERIALS INSTALLED IN CEILING RETURN AIR PLENUMS SHALL COMPLY WITH ASTM E84 FOR FLAME-SPREAD RATING OF 25 OR LESS AND SMOKE-DEVELOPED RATING OF 50 OR LESS.
20. COLORS OF EXPOSED UNITS SHALL BE SELECTED BY ARCHITECT. COLORS SHALL BE MANUFACTURER'S STANDARD OR CUSTOM COLOR AS REQUESTED. SUBMIT COLOR CHARTS WITH SHOP DRAWINGS.
21. FOR WALLS THAT GO TO DECK, REFERENCE THE 'A' SERIES DRAWINGS. CONTRACTOR SHALL PROVIDE ACOUSTIC SEALANT AROUND ALL DUCT AND PIPE PENETRATIONS THROUGH FULL HEIGHT WALLS.
22. SEE 'S' SERIES DRAWINGS FOR TYPICAL LINTEL INSTALLATION. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR LINTELS FOR ALL DUCT PENETRATIONS THRU WALLS.
23. ACCESS PANELS ARE REQUIRED IN HARD CEILINGS WHEREVER ACCESS IS REQUIRED TO INSTALL OR SERVICE MECHANICAL EQUIPMENT. SEE 'A' SERIES DRAWINGS AND SPECIFICATIONS. COORDINATE LOCATION WITH REFLECTED CEILING PLAN.
24. ADDITIONAL GENERAL NOTES SPECIFIC TO A PARTICULAR DRAWING ARE NOTED ON THOSE DRAWINGS.

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
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REVISIONS:

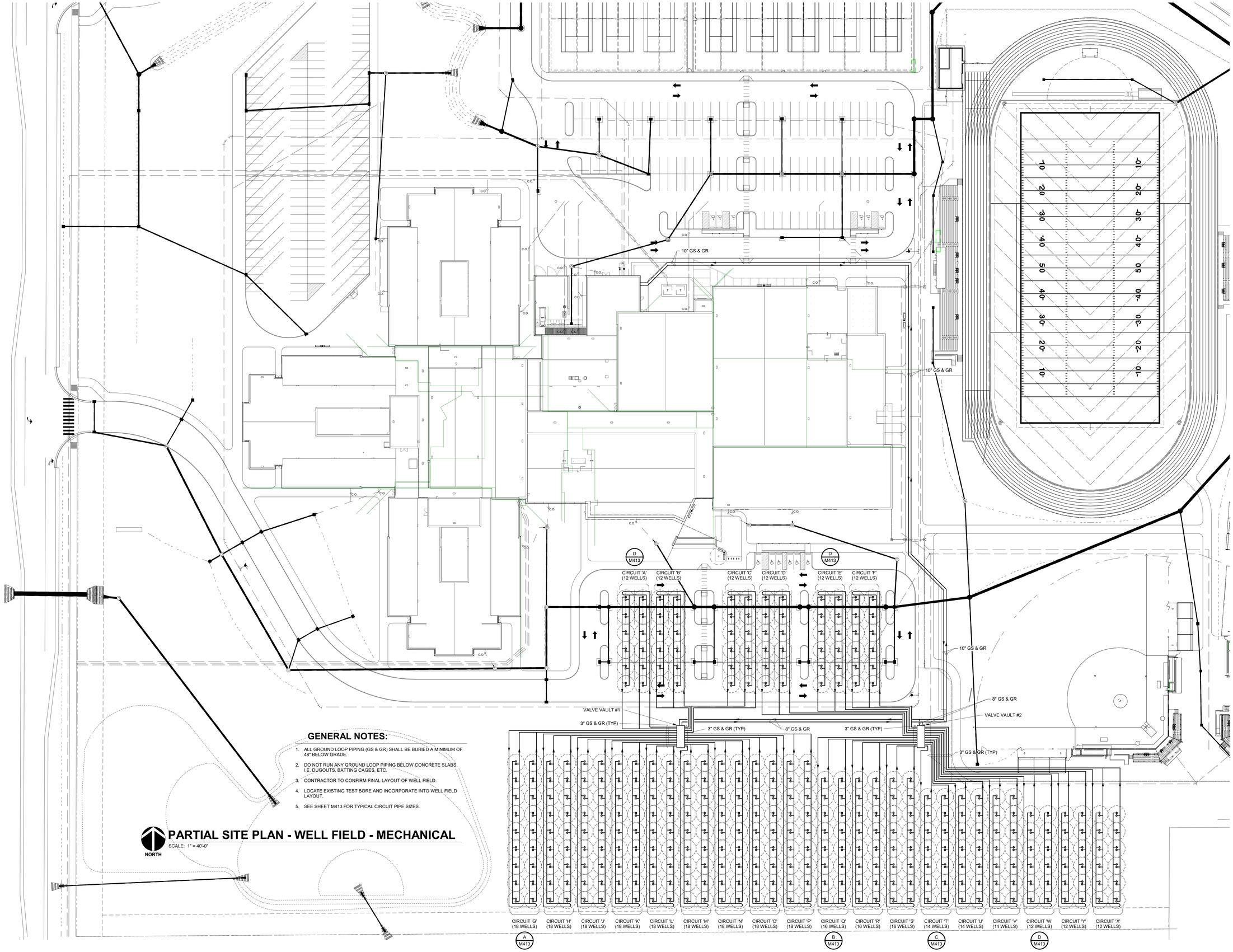
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	ACB	JMC

DRAWING TITLE:
SYMBOLS, ABBREVIATIONS, & GENERAL NOTES - MECHANICAL

CERTIFIED BY:
Joseph Michael Chrapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
PM001

PROJECT NUMBER
2023061



GENERAL NOTES:

1. ALL GROUND LOOP PIPING (GS & GR) SHALL BE BURIED A MINIMUM OF 48" BELOW GRADE.
2. DO NOT RUN ANY GROUND LOOP PIPING BELOW CONCRETE SLABS, I.E. DUGOUTS, BATTING CAGES, ETC.
3. CONTRACTOR TO CONFIRM FINAL LAYOUT OF WELL FIELD.
4. LOCATE EXISTING TEST BORE AND INCORPORATE INTO WELL FIELD LAYOUT.
5. SEE SHEET M413 FOR TYPICAL CIRCUIT PIPE SIZES.

PARTIAL SITE PLAN - WELL FIELD - MECHANICAL

SCALE: 1" = 40'-0"

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	JMC	JMC

DRAWING TITLE:

PARTIAL SITE PLAN - WELL FIELD - MECHANICAL

CERTIFIED BY:

Joseph Michael Chapla
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No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

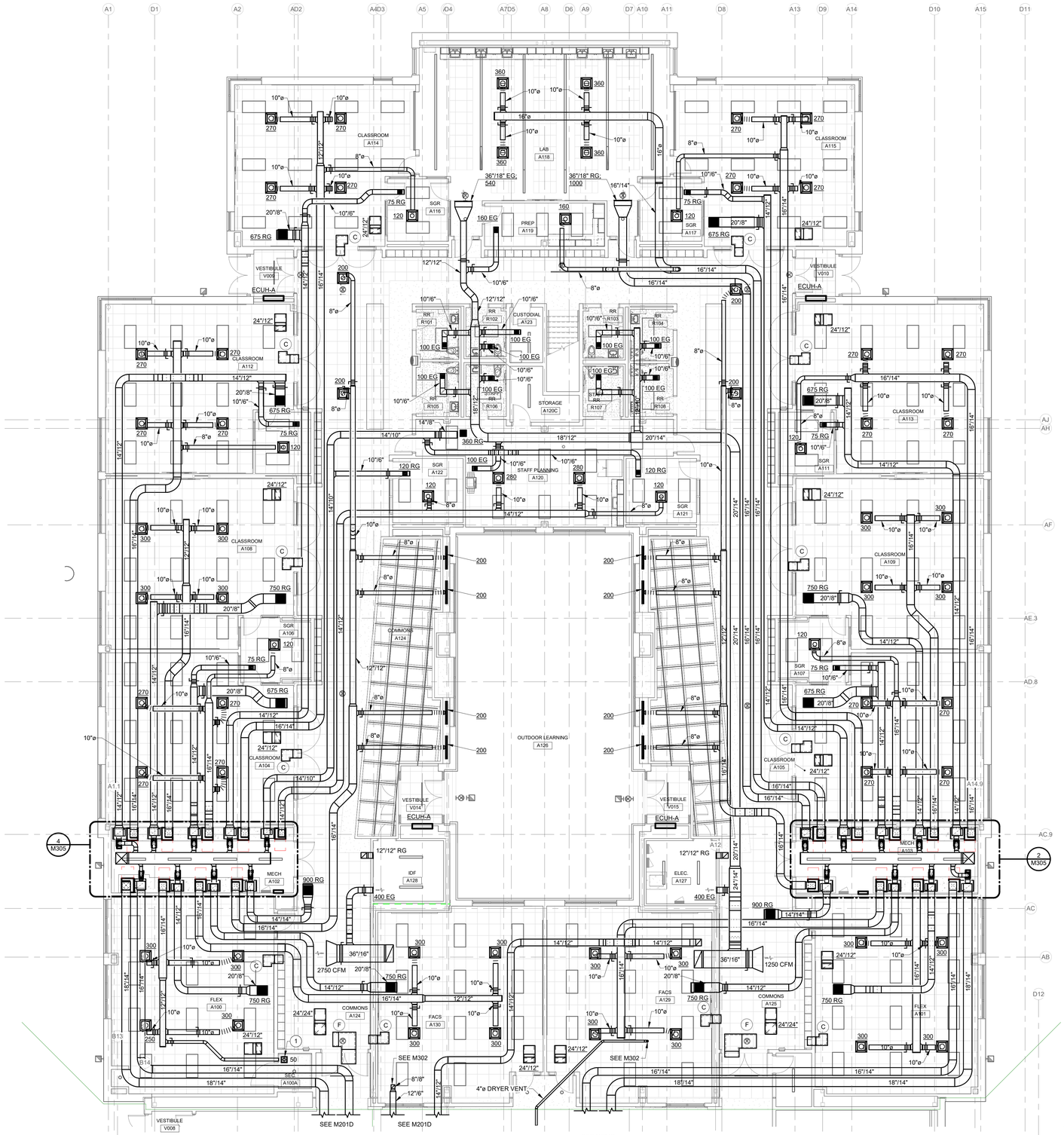
8/09/2024

DRAWING NUMBER

M100

PROJECT NUMBER

2023061



GROUND FLOOR - UNIT A - AIR DISTRIBUTION

SCALE: 1/8" = 1'-0"

NORTH

GENERAL NOTES - AIR DISTRIBUTION:

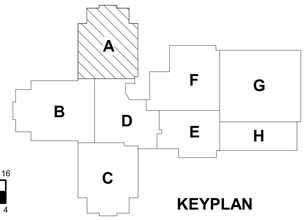
1. FLEX DUCT CONNECTIONS TO DIFFUSERS SHALL BE A MAXIMUM OF 3'-0" IN LENGTH.
2. BRANCH DUCTS SHALL HAVE 45° BOOT TAP FROM SIDE OF MAIN. NO SPIN-IN FITTING ALLOWED. SEE DETAIL 'A' / M401.
3. PROVIDE VOLUME DAMPERS IN ALL BRANCH DUCTS TO DIFFUSERS, EXHAUST GRILLES, ETC. WHETHER SHOWN OR NOT. THESE DAMPERS ARE TO BE USED FOR SYSTEM BALANCE. DAMPERS IN DIFFUSERS, REGISTERS, ETC. SHALL NOT BE USED FOR AIR BALANCE.
4. ALL VOLUME DAMPERS SHALL BE LOCATED ABOVE ACCESSIBLE CEILINGS, IF POSSIBLE. IF NOT POSSIBLE, AND VOLUME DAMPER IS INSTALLED ABOVE A HARD CEILING OR IN AN INACCESSIBLE LOCATION, THEN PROVIDE ACCESS PANEL IN CEILING OR INSTALL A REMOTE DAMPER ACTUATOR. REMOTE DAMPER ACTUATOR LIKE YOUNG REGULATOR CO. 1200 WORM GEAR WITH FLEX SHAFT ASSEMBLY AND 7/8" 896-FS CEILING TERMINATION OR YOUNG EBD ELECTRONIC BALANCING DAMPER WITH EBDP ELECTRONIC BALANCING DAMPER POSITIONER AND VISUAL INDICATION OF DAMPER POSITION OR APPROVED EQUAL. PROVIDE DRAWING SHOWING WHICH INTERFACE OPERATES WHICH DAMPER.
5. SEE REFLECTED CEILING PLAN FOR EXACT LOCATION OF AIR OUTLETS.
6. COORDINATE AND ADJUST DIFFUSER LOCATIONS, AS NEEDED.
7. SEE DRAWING M601 FOR CEILING DIFFUSER/EXHAUST AND RETURN REGISTER SCHEDULE.
8. FOR FIRE DAMPER INSTALLATION SEE DETAIL 'E' / M401.
9. ALL TRANSFER OPENINGS TO BE ABOVE CEILINGS.
10. PROVIDE INTERNALLY LINED TRANSFER DUCTS WITH ELBOW IN WALLS OF ALL ROOMS ABOVE CEILING WHETHER SHOWN OR NOT. SEE A-SERIES DRAWINGS FOR WALLS TO DECK.
11. ALL RETURN GRILLES TO HAVE ACOUSTICAL ELBOW. SEE PLENUM RETURN GRILLE SCHEDULE, DRAWING M601 - SCHEDULES - AIR DISTRIBUTION.
12. SUPPLY DIFFUSERS TO BE INSTALLED NO CLOSER THAN 4'-0" TO ALL SMOKE DETECTORS. REFER TO T-SERIES AND E-SERIES DRAWINGS FOR ADDITIONAL CEILING INSTALLED DEVICES. COORDINATE AND ADJUST DIFFUSER LOCATIONS, AS NEEDED.
13. SHEET METAL CONTRACTOR TO PROVIDE DUCT ACCESS DOORS FOR FIRE DAMPERS, MOTORIZED DAMPERS, AIR FLOW MEASURING STATIONS, AND ON BOTH SIDES OF THE REHEAT COILS. COORDINATE WITH MECHANICAL CONTRACTOR AND GENERAL TRADES CONTRACTOR.
14. MECHANICAL CONTRACTOR SHALL BLANK-OFF UNUSED PORTIONS OF ALL LOUVERS WHETHER SHOWN OR NOT WITH SHEET METAL AND 2" OF RIGID INSULATION PAINTED BLACK.
15. EACH AND EVERY EXHAUST FAN TO HAVE INSULATED, LOW-LEAKAGE MOTORIZED ISOLATION DAMPER WHETHER SHOWN OR NOT.
16. EXTERNALLY INSULATE ALL SUPPLY DUCTWORK CONCEALED ABOVE CEILINGS WITH FLEXIBLE FIBERGLASS. EXPOSED SUPPLY DUCTWORK TO BE DUAL WALL INSULATED ROUND OR OVAL DUCTWORK WITH PAINT GRIP FINISH. EXPOSED RECTANGULAR SUPPLY DUCTWORK TO BE INSULATED WITH 1 1/2", 3 LB/FT³ RIGID FIBERGLASS BOARD WITH ALL-SERVICE JACKET (ASJ) FOR PAINTED FINISH. ALL EXPOSED DUCTWORK TO BE INSTALLED NEATLY TO THE SATISFACTION OF THE ENGINEER.
17. THESE ARE NOT FABRICATION DRAWINGS. THESE DRAWINGS ARE NOT INTENDED TO SHOWN ALL OFFSETS AS REQUIRED FOR PROPER DUCTWORK INSTALLATION. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS AND PREPARE FABRICATION DRAWINGS BASED ON EXISTING CONDITIONS. ALL ADDITIONAL OFFSETS SHALL BE INCLUDED IN BID PRICE.
18. VERIFY FIT OF DUCTWORK PRIOR TO ANY FABRICATION. CONTRACTOR WILL NOT BE REIMBURSED FOR DUCTWORK THAT WILL NOT FIT.
19. REFERENCE M400 SERIES DRAWINGS FOR TYPICAL AND SPECIFIC INSTALLATION REQUIREMENTS FOR EQUIPMENT, ETC.
20. WORKMANSHIP FOR ALL DUCTWORK AND EQUIPMENT MUST BE IN COMPLIANCE WITH SMACNA STANDARDS.
21. INSTALL DUCTS ACCORDING TO SMACNA'S "HVAC DUCT CONSTRUCTION - METAL AND FLEXIBLE" UNLESS OTHERWISE INDICATED.
22. SEAL DUCT SEAMS AND JOINTS FOR DUCT STATIC PRESSURE AND LEAKAGE CLASSES SPECIFIED IN "PERFORMANCE REQUIREMENTS" ARTICLE, ACCORDING TO SMACNA'S "HVAC DUCT CONSTRUCTION STANDARDS - METAL AND FLEXIBLE", TABLE 1-1, "STANDARD DUCT SEALING REQUIREMENTS", UNLESS OTHERWISE INDICATED.
23. IN AREAS WHERE HEIGHT ABOVE CEILING IS LIMITED, INSTALL DUCTWORK TIGHT TO STRUCTURE OR ROUTE THROUGH JOIST SPACE WHERE POSSIBLE.
24. ALSO SEE SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

GENERAL NOTES - CONTROLS:

1. SEE "HYDRONICS" DRAWINGS FOR THERMOSTAT LOCATIONS.
2. SEE " HYDRONICS" DRAWINGS FOR ADDITIONAL GENERAL NOTES.
3. SEE DRAWING M700 SERIES DRAWINGS FOR ADDITIONAL "CONTROLS" GENERAL NOTES.

(#) PLAN NOTES:

1. 12"/12" PERFORATED DIFFUSER WITH 6" INLET LIKE PRICE PDS OR APPROVED EQUAL.



KEYPLAN

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D&A# 23085

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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The Trade Contractor shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	JCB	JCB

DRAWING TITLE:
GROUND FLOOR PLAN - UNIT A - AIR DISTRIBUTION

CERTIFIED BY:
Joseph Michael Cunningham
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
M201A

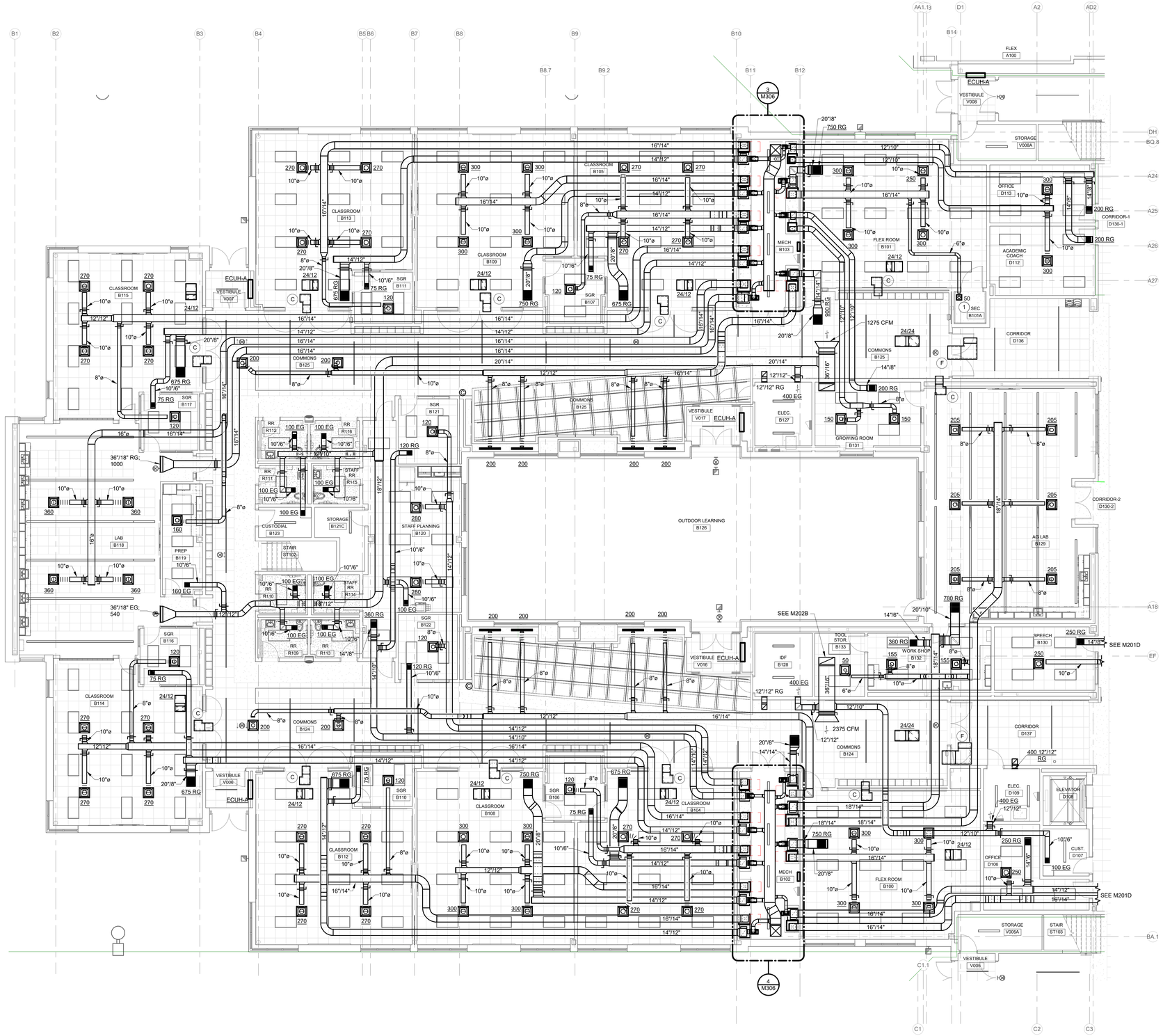
PROJECT NUMBER
2023061

GENERAL NOTES - AIR DISTRIBUTION:

1. SEE SHEET M201A FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

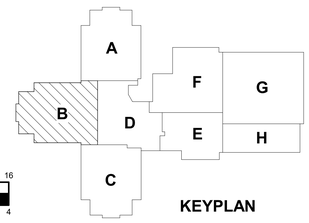
1. 12"/12" PERFORATED DIFFUSER WITH 6" INLET LIKE PRICE PDS OR APPROVED EQUAL.



GROUND FLOOR - UNIT B - AIR DISTRIBUTION

SCALE: 1/8" = 1'-0"

NORTH



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PROJECT:

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REVISIONS:

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DRAWING TITLE:

GROUND FLOOR PLAN - UNIT B - AIR DISTRIBUTION

CERTIFIED BY:

Joseph Michael Chrapla
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No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

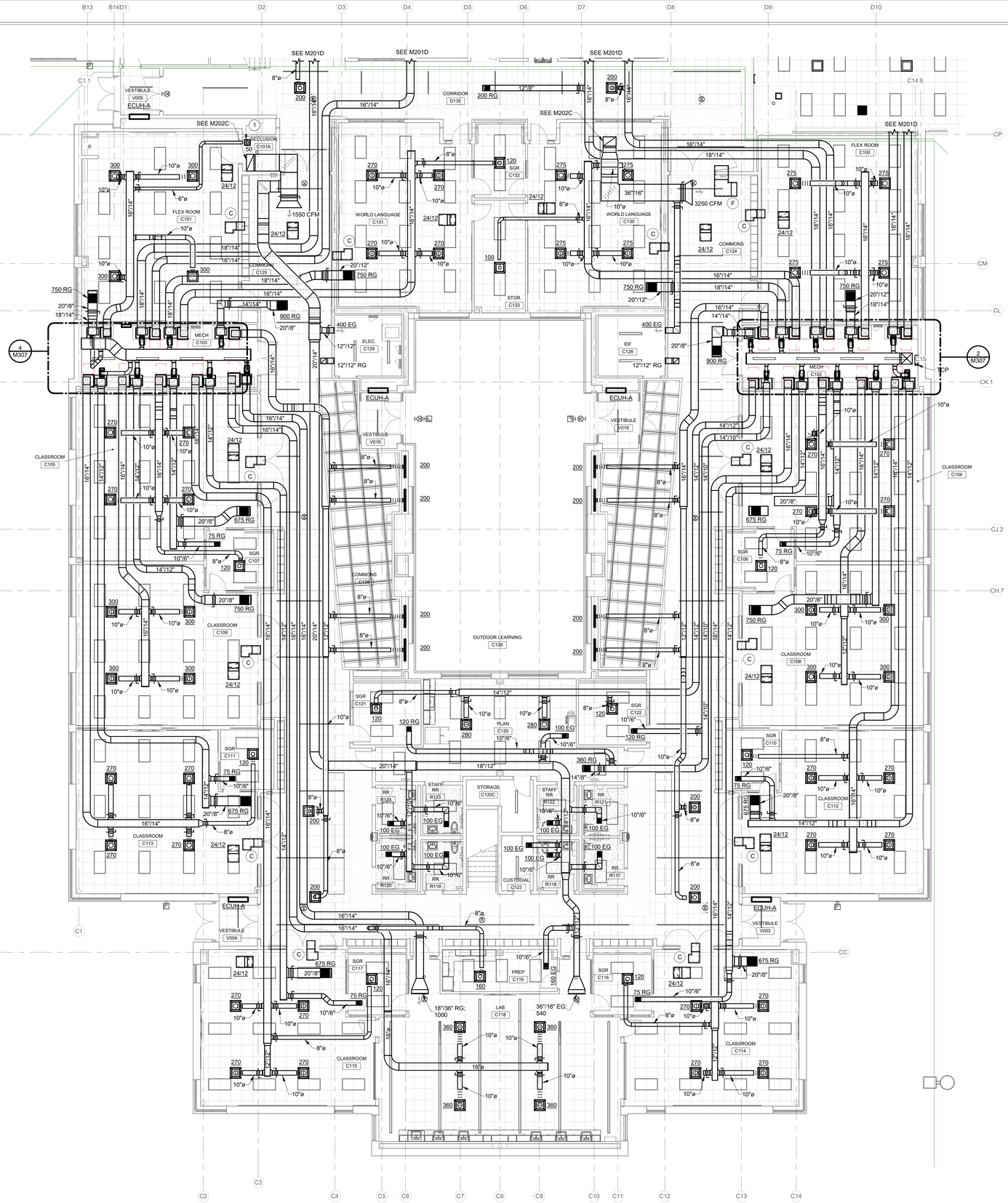
8/09/2024

DRAWING NUMBER

M201B

PROJECT NUMBER

2023061



GROUND FLOOR - UNIT C - AIR DISTRIBUTION

SCALE: 1/8" = 1'-0"

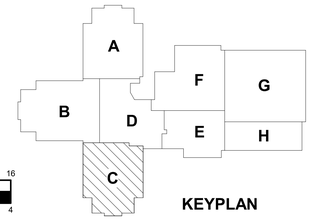
NORTH

GENERAL NOTES - AIR DISTRIBUTION:

1. SEE SHEET M201A FOR ADDITIONAL GENERAL NOTES.

(#) PLAN NOTES:

1. 12"/12" PERFORATED DIFFUSER WITH 6" INLET LIKE PRICE PDS OR APPROVED EQUAL.



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PROJECT:
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BID DOCUMENTS
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ISSUE DATE	DRAWN BY	CHECKED BY
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DRAWING TITLE:
GROUND FLOOR PLAN - UNIT C - AIR DISTRIBUTION

CERTIFIED BY:
Joseph Michael Cripe
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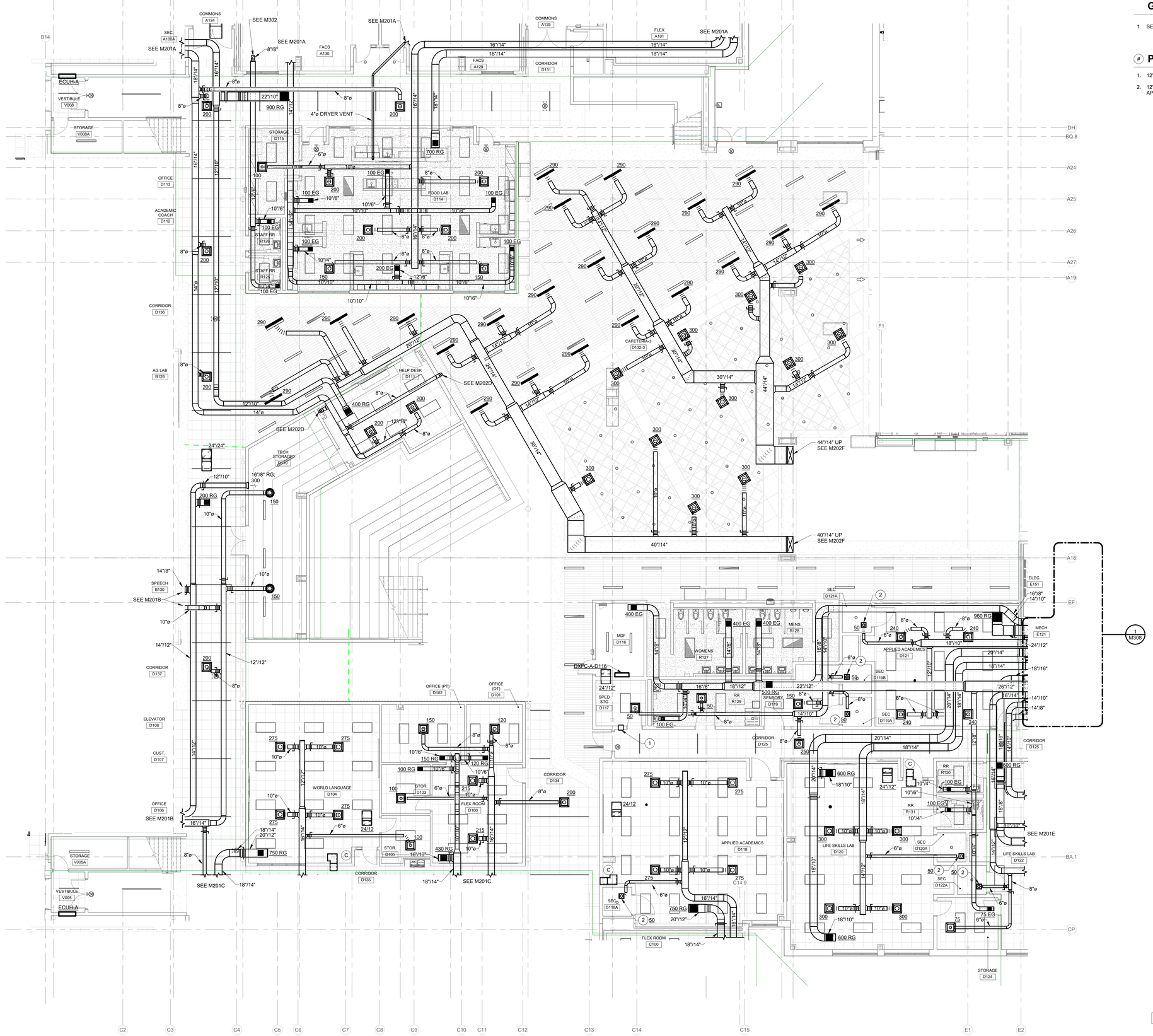
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
M201C

PROJECT NUMBER
2023061



GENERAL NOTES - AIR DISTRIBUTION:

1. SEE SHEET M201A FOR ADDITIONAL GENERAL NOTES.

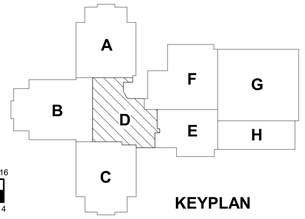
PLAN NOTES:

1. 12"/12" OPENING ABOVE CEILING.
2. 12"/12" PERFORATED DIFFUSER WITH 6" INLET LIKE PRICE PDS OR APPROVED EQUAL.

GROUND FLOOR - UNIT D - AIR DISTRIBUTION

SCALE: 1/8" = 1'-0"

NORTH



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BID DOCUMENTS
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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	ACB	JMC

DRAWING TITLE:
GROUND FLOOR PLAN - UNIT D - AIR DISTRIBUTION

CERTIFIED BY:
Joseph Michael Chrapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
M201D

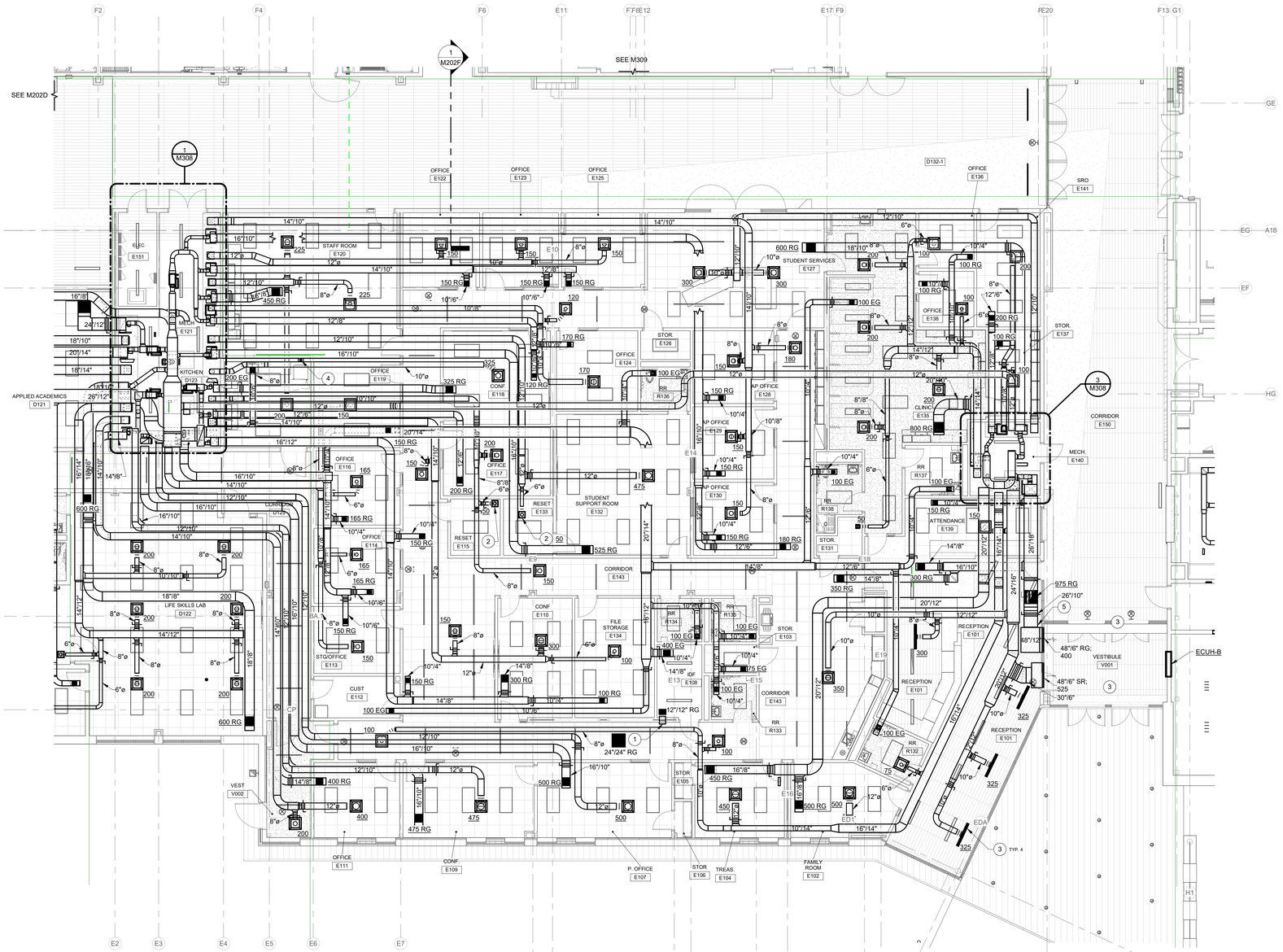
PROJECT NUMBER
2023061

GENERAL NOTES - AIR DISTRIBUTION:

1. SEE SHEET M201A FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

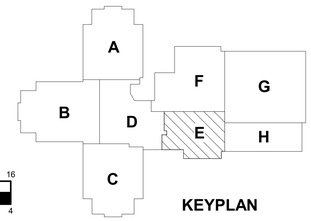
1. 12"/12" OPENING ABOVE CEILING.
2. 12"/12" PERFORATED DIFFUSER WITH 6" INLET LIKE PRICE PDS OR APPROVED EQUAL.
3. LINEAR BAR GRILLE LIKE PRICE LBG-SERIES, 15B CORE. CENTER OF GRILLE APPROXIMATELY 13'-6" A.F.F. ANODIZED FINISH..
4. 4" DRYER VENT UP TO THE ROOF. SEE M220. PROVIDE RECESSED BOX SIMILAR TO DRYERBOX DB-480. COORDINATE EXACT LOCATION AND ELEVATION WITH DRYER ON SITE BEFORE ROUGH IN.
5. DUCTWORK TO BE INTERNALLY LINED WITH 1" ACOUSTICAL DUCT LINER FROM THIS POINT BACK TO WSHP.



GROUND FLOOR - UNIT E - AIR DISTRIBUTION

SCALE: 1/8" = 1'-0"

NORTH



KEYPLAN

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	WJK	MJE

DRAWING TITLE:
GROUND FLOOR PLAN - UNIT E - AIR DISTRIBUTION

CERTIFIED BY:
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No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
M201E

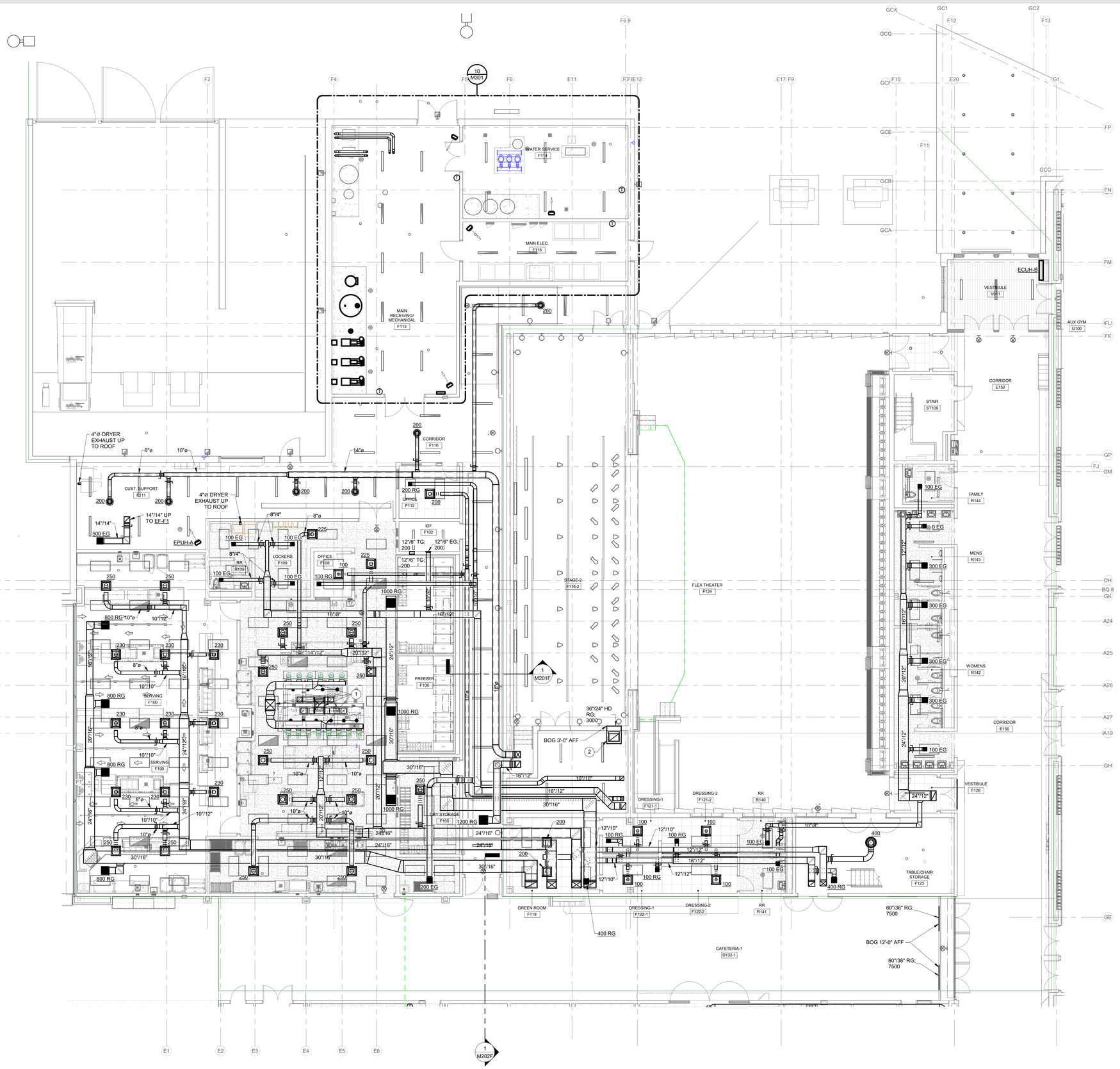
PROJECT NUMBER
2023061

GENERAL NOTES - AIR DISTRIBUTION:

1. SEE SHEET M201A FOR ADDITIONAL GENERAL NOTES.

(#) PLAN NOTES:

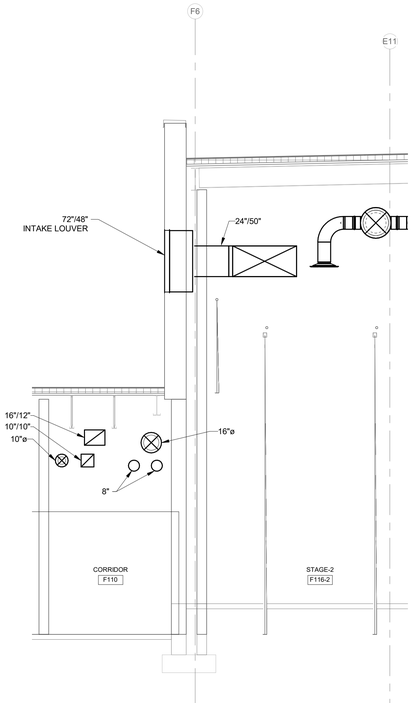
1. KITCHEN HOOD MAKE-UP AIR AND EXHAUST AIR DUCTWORK. SEE FS SERIES DRAWINGS.
2. PROVIDE 30" DEEP INTERNALLY LINED PLENUM ON BACK OF RETURN AIR GRILLE. RETURN DUCT UP TO WSHP TO BE INTERNALLY LINED WITH 1" ACOUSTICAL DUCT LINER.



GROUND FLOOR - UNIT F - AIR DISTRIBUTION

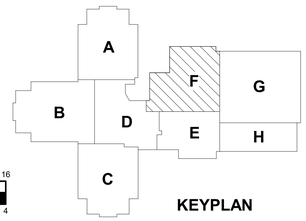
SCALE: 1/8" = 1'-0"

NORTH



1 SECTION - CORRIDOR F110

SCALE: 1/4" = 1'-0"



KEYPLAN

0 1 2 3 4 8 12 16

1 2 3 4

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R.E. Dimond and Associates, Inc.
Consulting Engineers
732 North Capitol Avenue
Indianapolis, IN 46204
Phone (317) 634-4672
Fax (317) 639-8725

D&A# 23085

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the arrangement of spaces and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
The trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

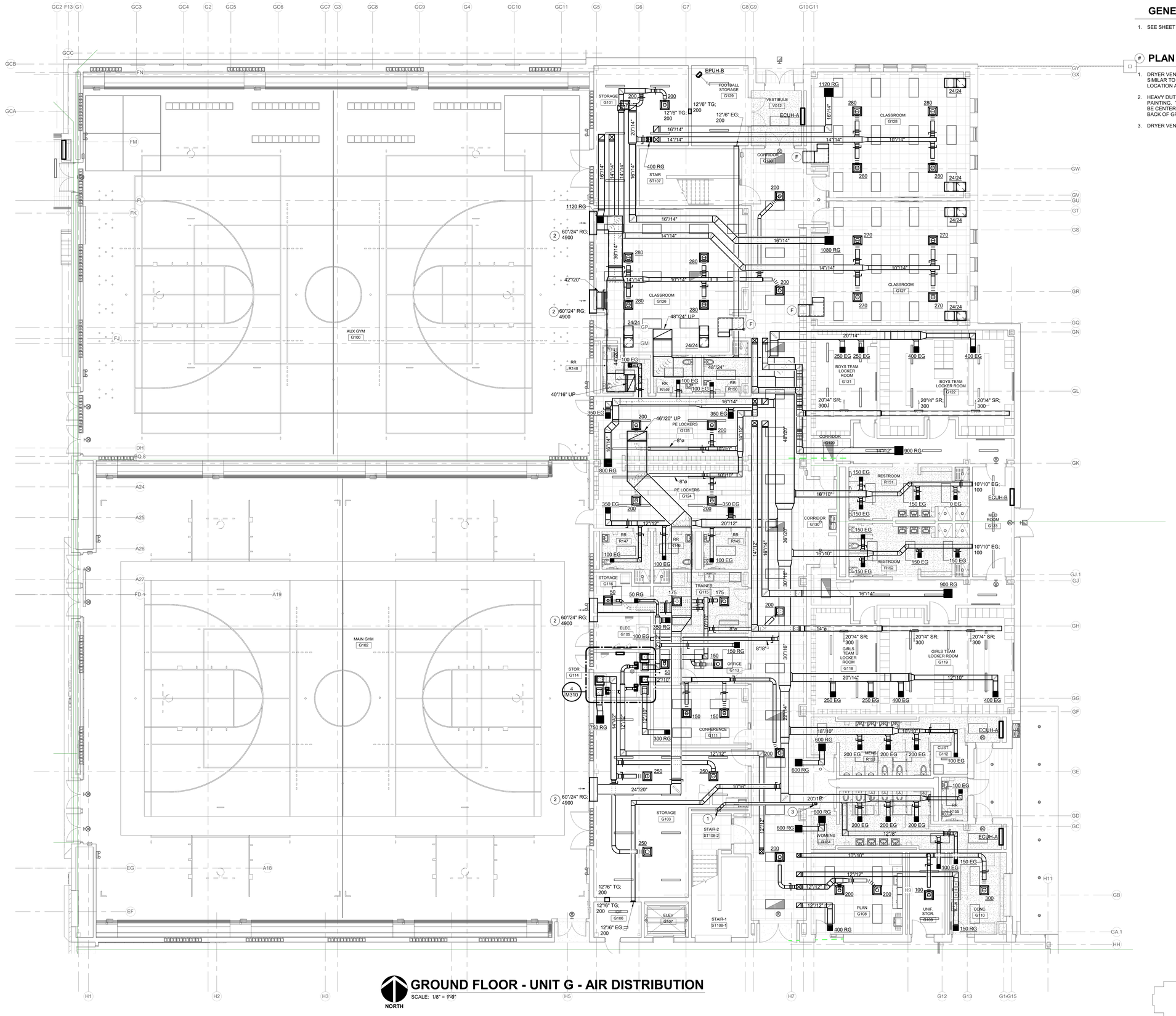
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	ACB	JMC

DRAWING TITLE:
GROUND FLOOR PLAN - UNIT F - AIR DISTRIBUTION

CERTIFIED BY:
Joseph Michael Cross
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
M201F

PROJECT NUMBER
2023061



GENERAL NOTES - AIR DISTRIBUTION:

1. SEE SHEET M201A FOR ADDITIONAL GENERAL NOTES.

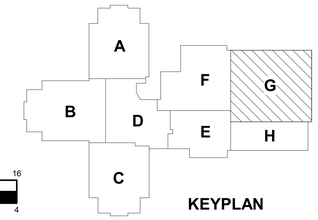
PLAN NOTES:

1. DRYER VENT DOWN IN WALL CAVITY. PROVIDE RECESSED BOX SIMILAR TO DRYERBOX DB-480. COORDINATE EXACT, SIZE, LOCATION AND ELEVATION WITH DRYER ON SITE BEFORE ROUGH IN.
2. HEAVY DUTY GYNASIUM RETURN GRILLE. PRIME FINISH FOR FIELD PAINTING. TOP OF GRILLE APPROXIMATELY 13'-0" A.F.F. GRILLE TO BE CENTERED BELOW WINDOW. PROVIDE 18" DEEP PLENUM BOX ON BACK OF GRILLE.
3. DRYER VENT UP TO ROOF AND TERMINATE. SEE M220.

GROUND FLOOR - UNIT G - AIR DISTRIBUTION

SCALE: 1/8" = 1'-0"

NORTH



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Fax: (317) 638-8725

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	ACB	JMC

DRAWING TITLE:
GROUND FLOOR PLAN - UNIT G - AIR DISTRIBUTION

CERTIFIED BY:
Joseph Michael Chrapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

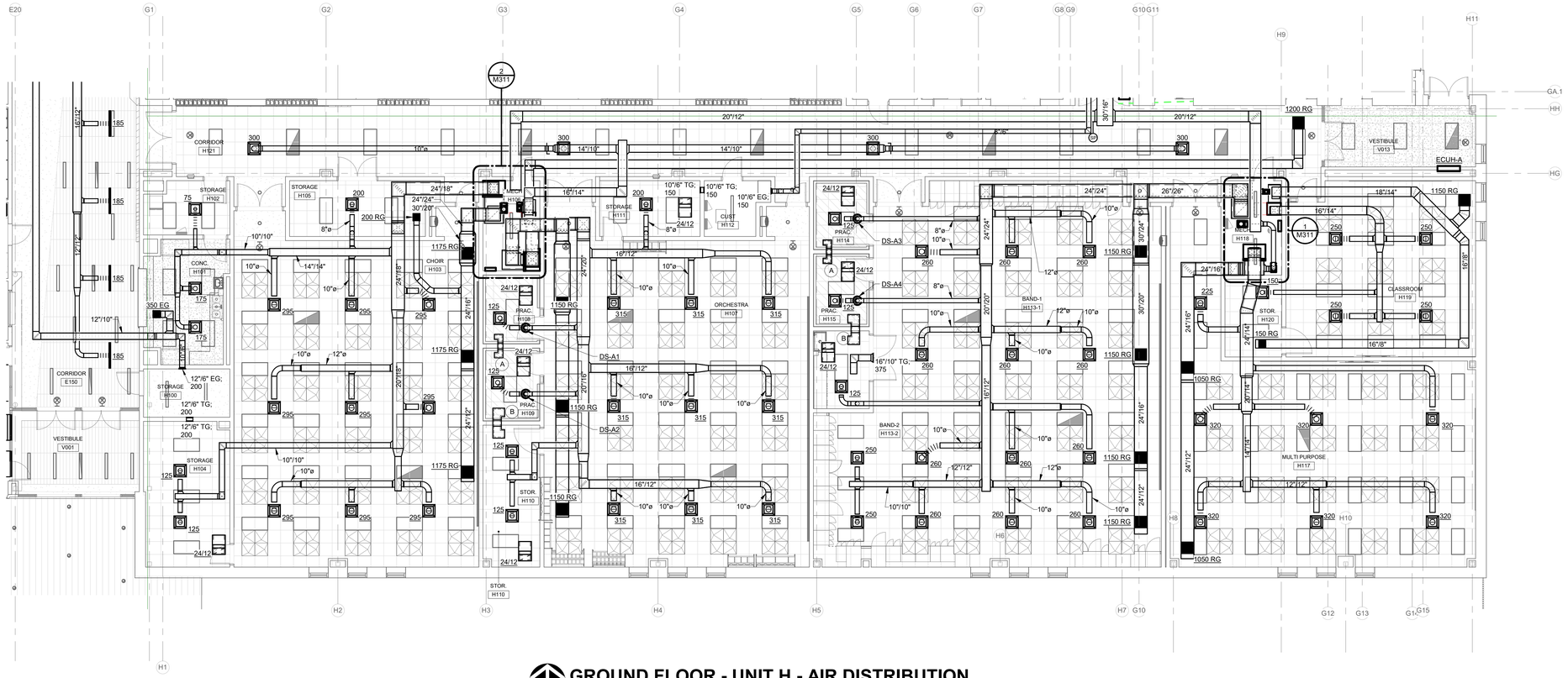
DRAWING NUMBER
M201G

PROJECT NUMBER
2023061

GENERAL NOTES - AIR DISTRIBUTION:

1. SEE SHEET M201A FOR ADDITIONAL GENERAL NOTES.

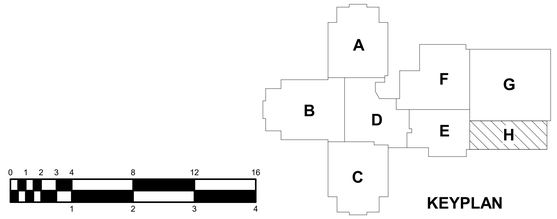
PLAN NOTES:



GROUND FLOOR - UNIT H - AIR DISTRIBUTION

SCALE: 1/8" = 1'-0"

NORTH



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Fax: (317) 638-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

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On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	ACB	JMC

DRAWING TITLE:

GROUND FLOOR PLAN - UNIT H - AIR DISTRIBUTION

CERTIFIED BY:

Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

M201H

PROJECT NUMBER

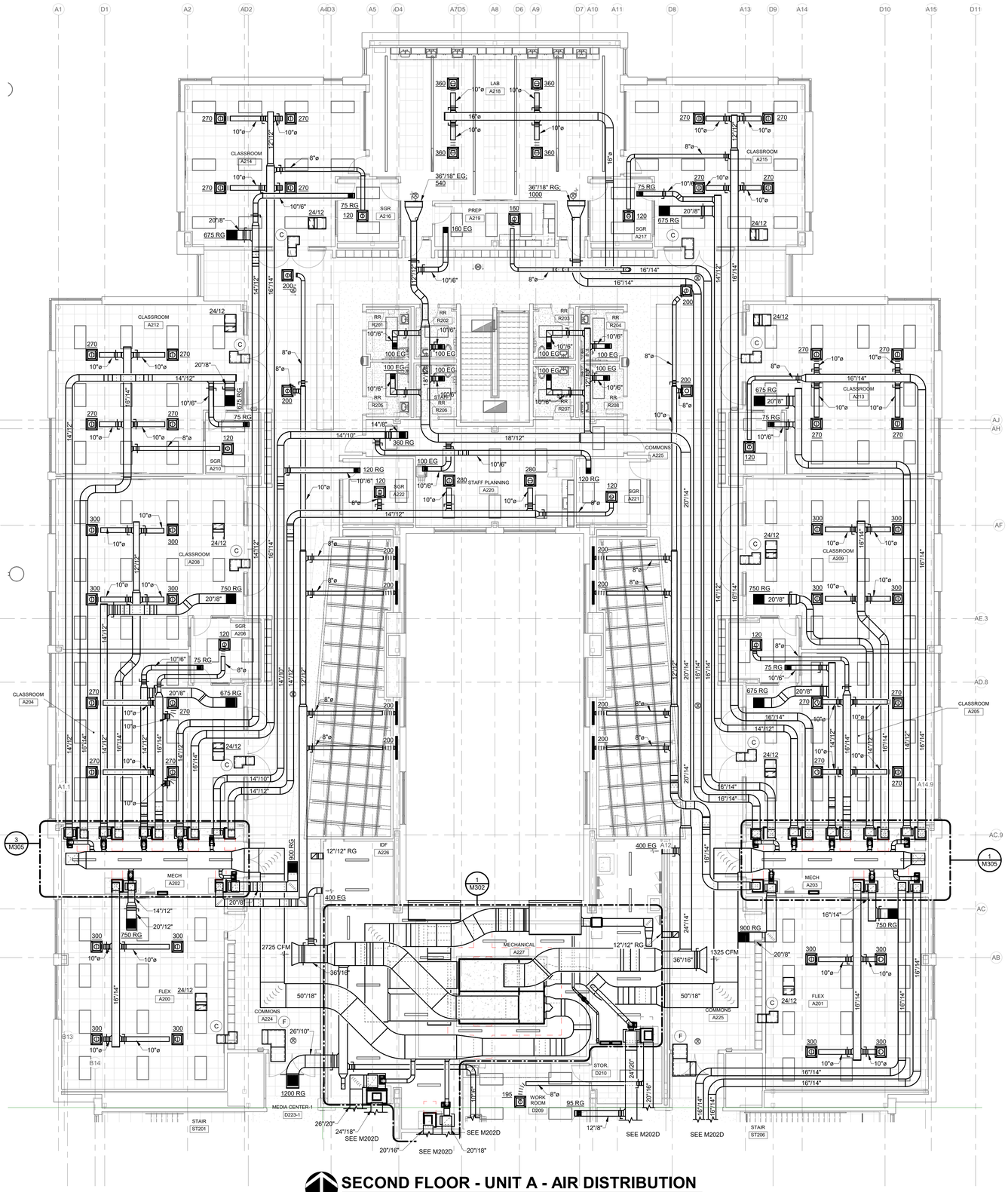
2023061

GENERAL NOTES - AIR DISTRIBUTION:

1. SEE SHEET M201A FOR ADDITIONAL GENERAL NOTES.

(#) PLAN NOTES:

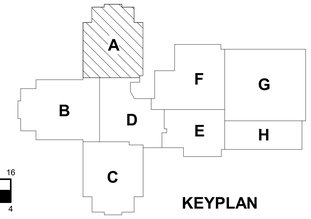
.



SECOND FLOOR - UNIT A - AIR DISTRIBUTION

SCALE: 1/8" = 1'-0"

NORTH



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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of mechanical systems, the general character of the building, the major architectural elements, and the type of structural, mechanical and electrical systems.

The specifications and drawings are intended to describe all work required for full performance and completion of the requirements of the Contract.

On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	JCB	JCB

DRAWING TITLE:
SECOND FLOOR PLAN - UNIT A - AIR DISTRIBUTION

CERTIFIED BY:

JASON MICHAEL CYRUS
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

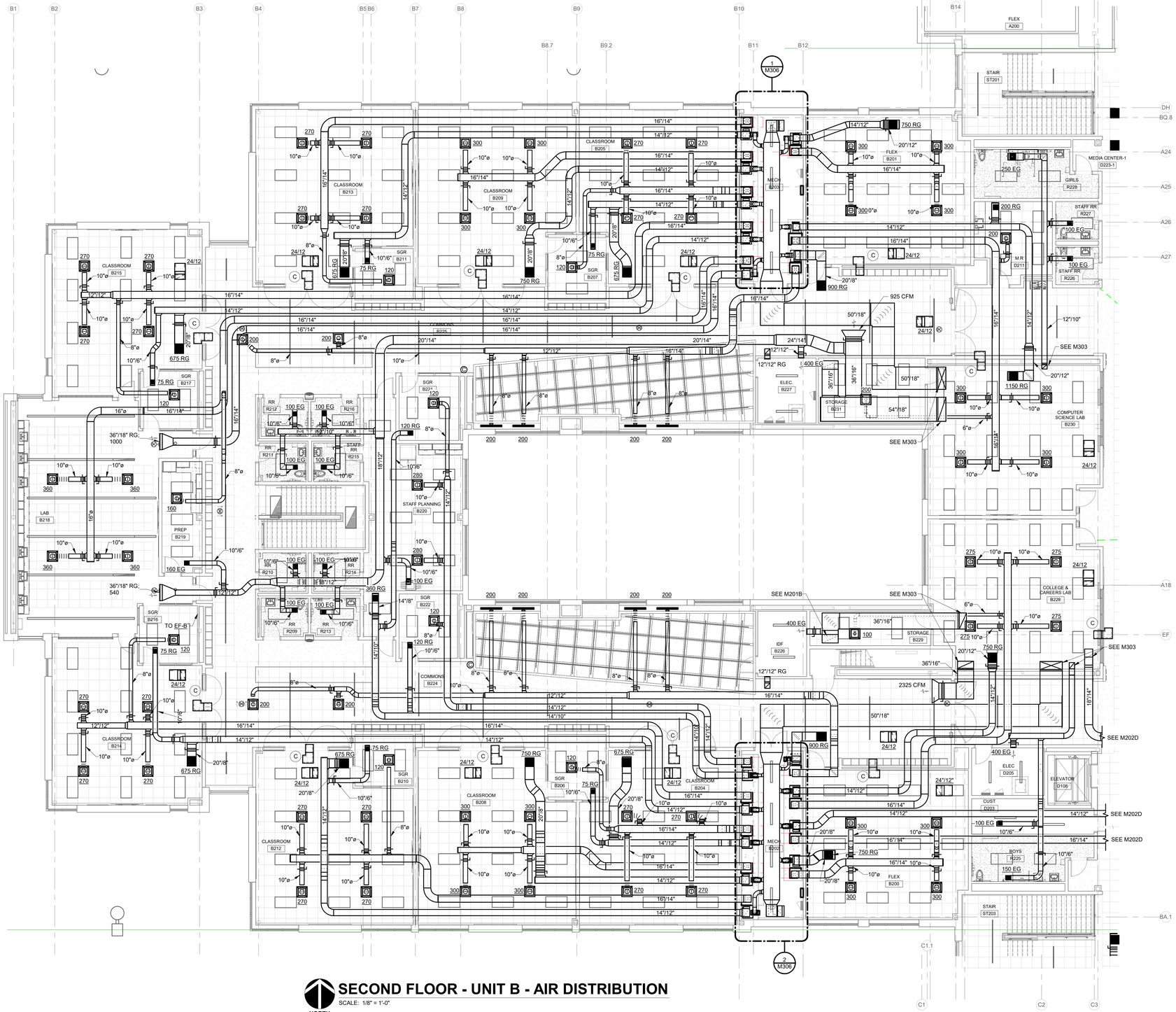
DRAWING NUMBER
M202A

PROJECT NUMBER
2023061

GENERAL NOTES - AIR DISTRIBUTION:

1. SEE SHEET M201A FOR ADDITIONAL GENERAL NOTES.

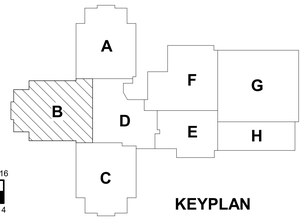
PLAN NOTES:



SECOND FLOOR - UNIT B - AIR DISTRIBUTION

SCALE: 1/8" = 1'-0"

NORTH



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Fax: (317) 638-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
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DRAWING TITLE:

SECOND FLOOR PLAN - UNIT B - AIR DISTRIBUTION

CERTIFIED BY:

Joseph Michael Chrapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

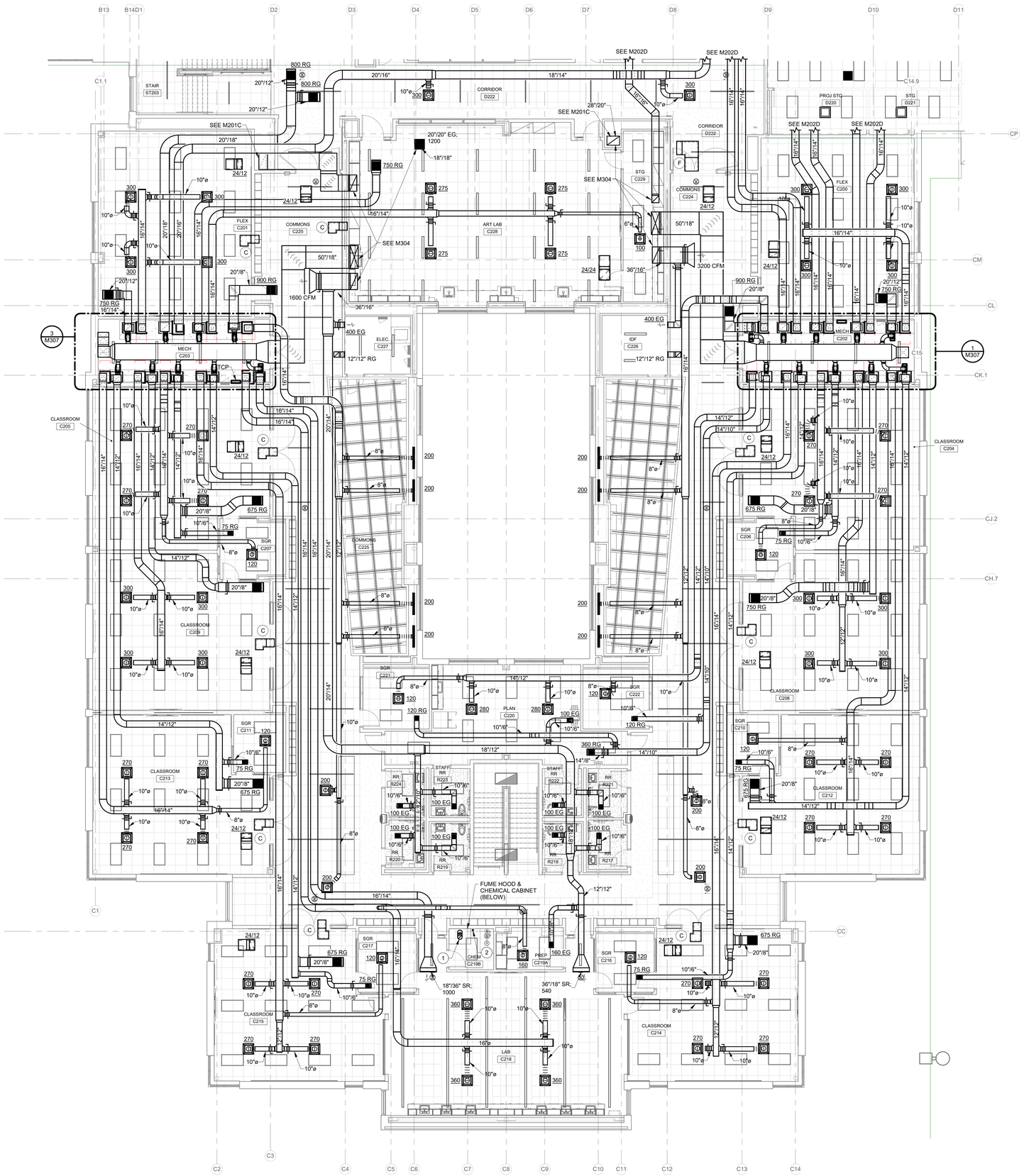
8/09/2024

DRAWING NUMBER

M202B

PROJECT NUMBER

2023061



SECOND FLOOR - UNIT C - AIR DISTRIBUTION

SCALE: 1/8" = 1'-0"

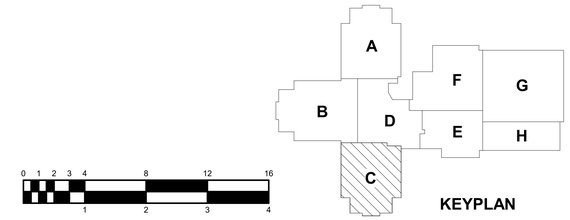
NORTH

GENERAL NOTES - AIR DISTRIBUTION:

1. SEE SHEET M201A FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

1. PROVIDE 10"ø PVC COATED DUCTWORK FROM FUME HOOD COLLAR UP TO EXHAUST FAN EF-C3.
2. 2"ø PVC VENT UP THRU ROOF FOR CHEMICAL STORAGE CABINET. COORDINATE SIZE AND TERMINATION WITH CABINET MANUFACTURER'S RECOMMENDATIONS.



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PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST

BID DOCUMENTS

17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	JCB	JCB

DRAWING TITLE:

SECOND FLOOR PLAN - UNIT C - AIR DISTRIBUTION

CERTIFIED BY:

Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

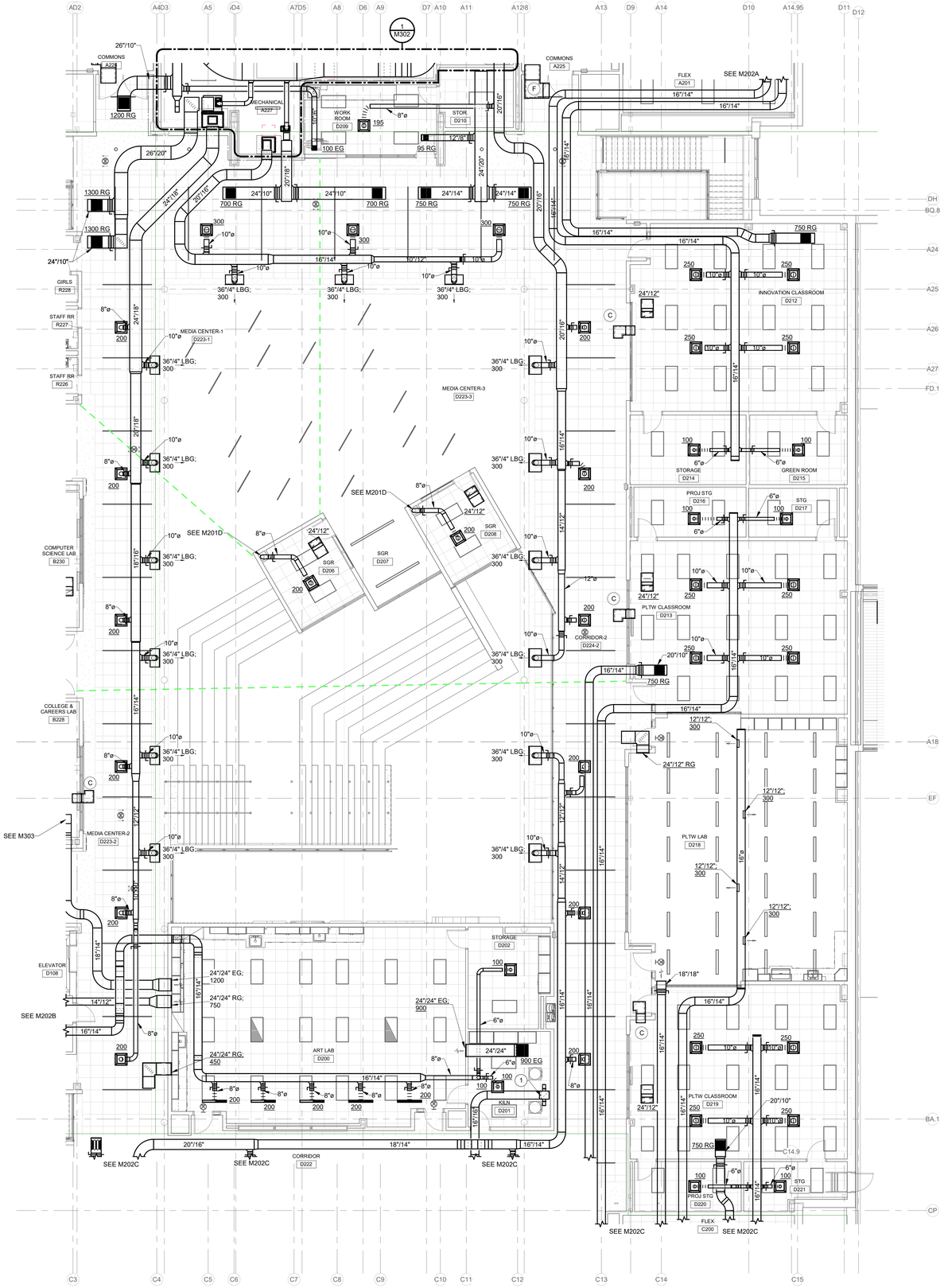
8/09/2024

DRAWING NUMBER

M202C

PROJECT NUMBER

2023061



SECOND FLOOR - UNIT D - AIR DISTRIBUTION

SCALE: 1/8" = 1'-0"

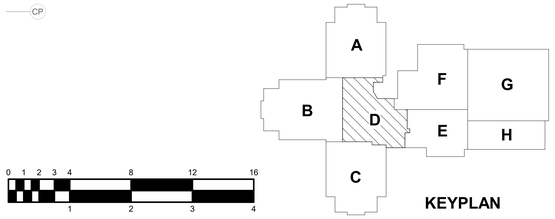
NORTH

GENERAL NOTES - AIR DISTRIBUTION:

1. SEE SHEET M201A FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

1. 16"/16" EXHAUST DUCT DOWN TO 8' AFF. PROVIDE (2) 6" BRANCHES ON SIDES OF DUCT. KILN HOOD AND FLEXIBLE DUCT PROVIDED BY OWNER. CONNECT FLEXIBLE DUCT FROM KILN HOOD TO 6" BRANCH DUCT.



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PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	ACB	JMC

DRAWING TITLE:

SECOND FLOOR PLAN - UNIT D - AIR DISTRIBUTION

CERTIFIED BY:

Joseph Michael Chrapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

M202D

PROJECT NUMBER

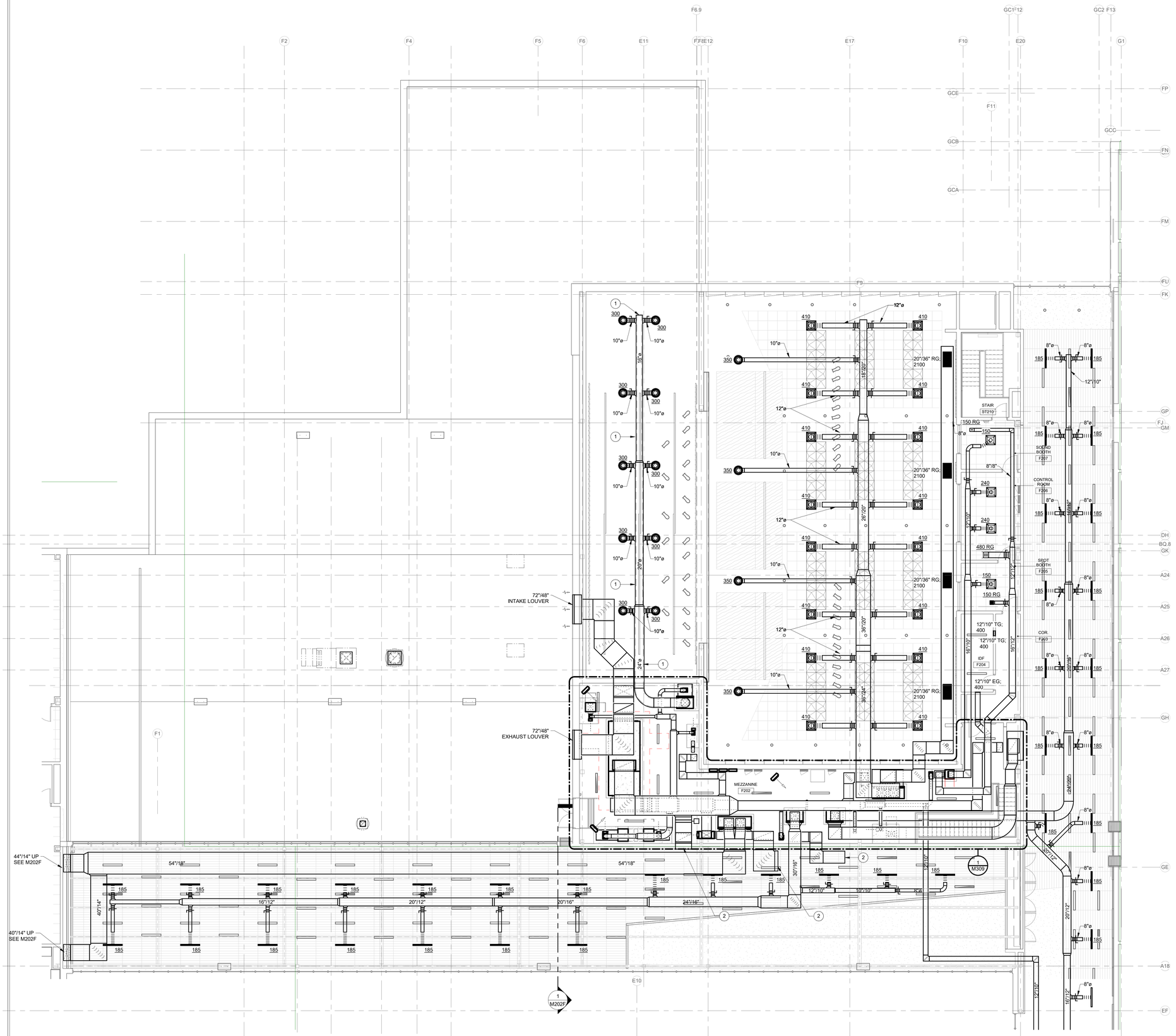
2023061

GENERAL NOTES - AIR DISTRIBUTION:

1. SEE SHEET M201A FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

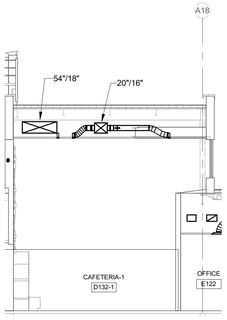
1. DUAL WALL DUCTWORK. INSTALL DUCTWORK TIGHT TO STRUCTURE. COORDINATE LOCATION WITH CURTAIN SUPPORTS.
2. COVER OPEN END OF DUCTWORK WITH ½" x ½" HARDWARE CLOTH.



SECOND FLOOR - UNIT F - AIR DISTRIBUTION

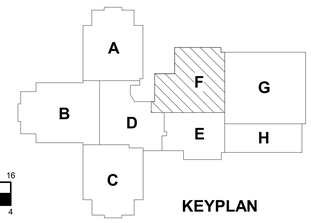
SCALE: 1/8" = 1'-0"

NORTH



1 SECTION - UNIT D132-1 CORRIDOR

SCALE: 1/8" = 1'-0"



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Indianapolis, IN 46204
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Fax: (317) 638-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	ACB	JMC

DRAWING TITLE:

SECOND FLOOR PLAN - UNIT F - AIR DISTRIBUTION

CERTIFIED BY:

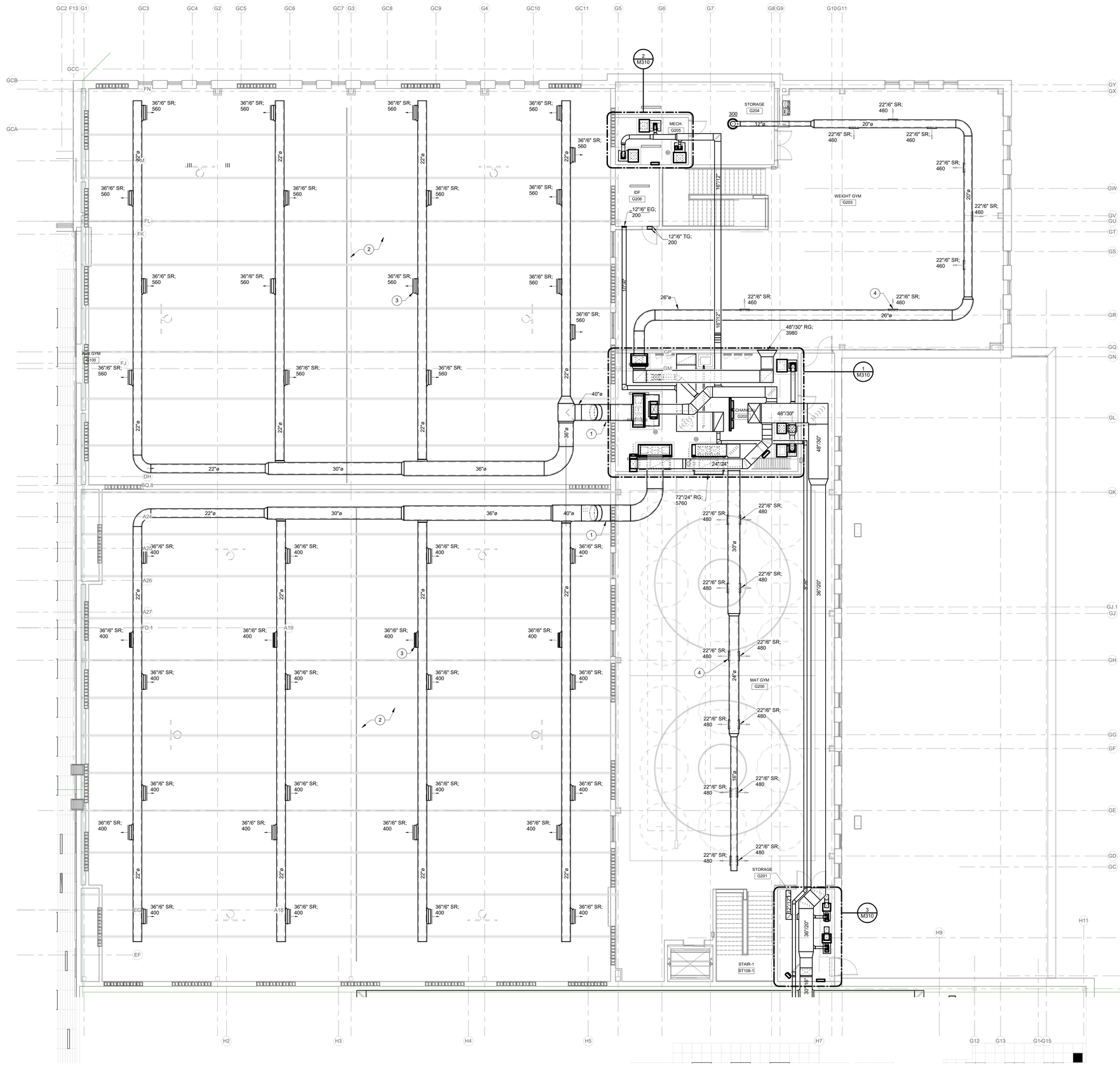
Joseph Michael Chrapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER

M202F

PROJECT NUMBER

2023061



SECOND FLOOR - UNIT G - AIR DISTRIBUTION

SCALE: 1/8" = 1'-0"

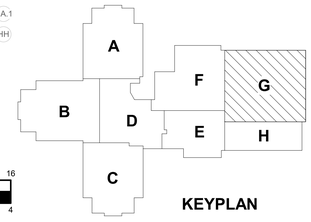
NORTH

GENERAL NOTES - AIR DISTRIBUTION:

1. ALL SUPPLY AIR DUCTWORK WITHIN GYMNASIUMS, MAT GYM, AND WEIGHT GYM SHALL BE DUAL WALL SPIRAL DUCTWORK WITH PAINTGRIP FINISH.
2. ALSO SEE SHEET M201A FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

1. OFFSET SUPPLY DUCTWORK BELOW BEAM.
2. ALL DUCTWORK TO BE ROUTED WITHIN JOIST SPACE. CLOSE COORDINATION WITH TRUSSES OPENINGS REQUIRED.
3. DRUM LOUVER SUPPLY REGISTER LIKE PRICE HCD1 WITH OPPOSED BLADE DAMPER. ADJUST ANGLE FOR 30° DOWN. PRIME FINISH FOR FIELD PAINTING. TYPICAL.
4. SPIRAL DUCT DIFFUSER LIKE PRICE SDGE. PRIME FINISH FOR FIELD PAINTING. TYPICAL.



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Phone: (317) 634-4672
Fax: (317) 638-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

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08/09/24	ACB	JMC

DRAWING TITLE:

SECOND FLOOR PLAN - UNIT G - AIR DISTRIBUTION

CERTIFIED BY:

Joseph Michael Chrapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

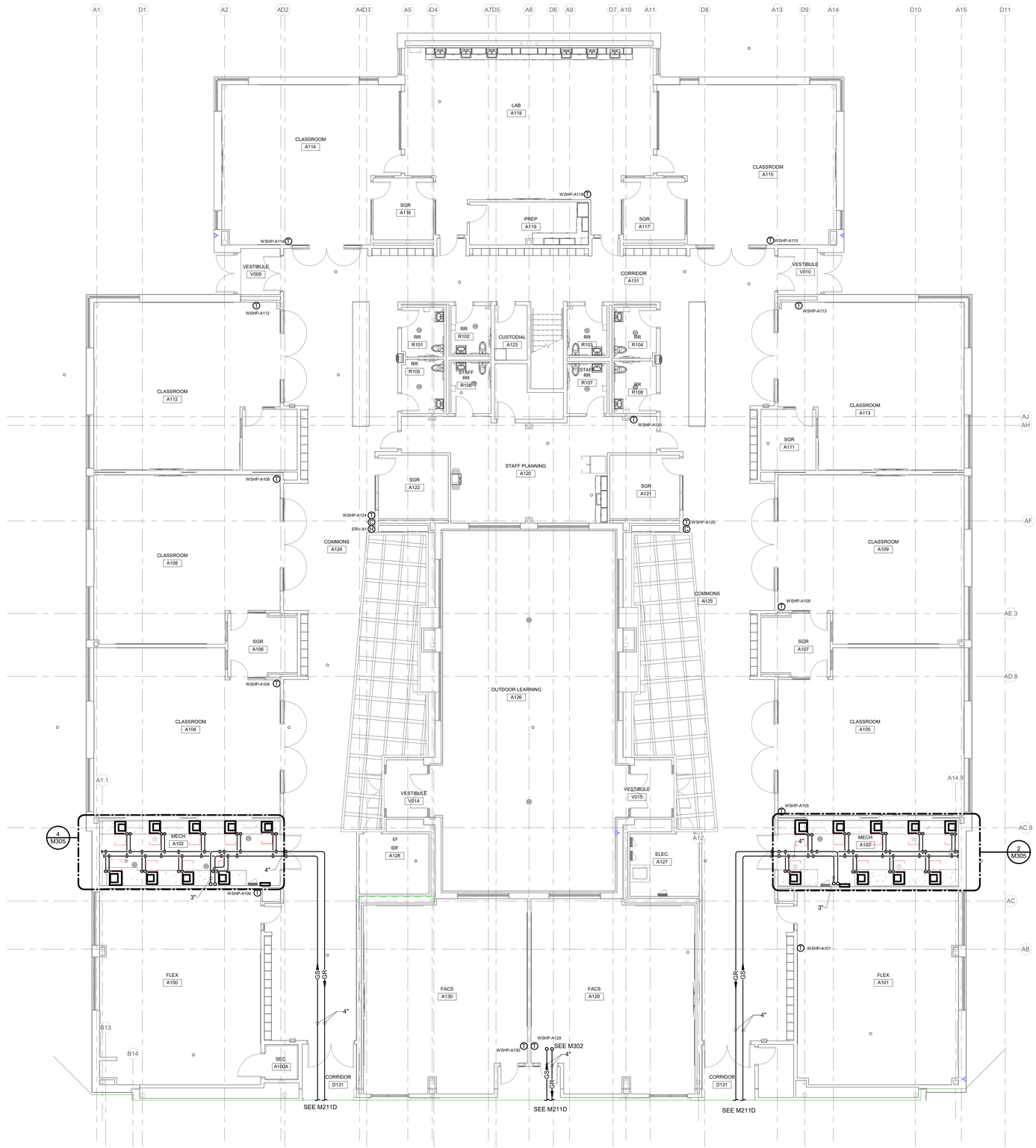
8/09/2024

DRAWING NUMBER

M202G

PROJECT NUMBER

2023061



GENERAL NOTES - HYDRONICS:

1. ALL BRANCH PIPING TO EQUIPMENT TO BE 3/4" UNLESS NOTED OTHERWISE. NO PIPE SHALL BE SMALLER THAN 3/4" UNLESS SPECIFICALLY NOTED OTHERWISE.
2. ALL FLOOR PENETRATIONS TO BE FIRE STOPPED.
3. PROVIDE AIR VENTS WHEREVER REQUIRED TO REMOVE AIR FROM SYSTEM AND WHERE SHOWN ON DRAWINGS. SEE DETAIL 'X' / M41_.
4. FOR WSHP & ERV COIL PIPING, SEE DETAIL 'X' / M41_.
5. ROUTE BRANCH GS & GR PIPING WHETHER SHOWN OR NOT.
6. ISOLATION VALVES SHALL BE LOCATED FOR BEST ACCESS. LOCATIONS SHOWN IS GENERAL LOCATION. ADHERE LAMINATE PLATE ON CEILING T-BAR INDICATING LOCATIONS OF ALL SHUTOFF VALVES.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR TESTING, FLUSHING AND FILLING OF PIPING AND SYSTEMS AS REQUIRED.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR CHEMICAL TREATMENT OF SYSTEMS.
9. ALL CONDENSATE DRAINS SHALL TERMINATE WITH 90° ELBOW DIRECTLY OVER DRAIN. ENSURE DRAIN DOES NOT SPLASH ONTO SURROUNDING FLOOR AREA.
10. ALL VALVES MUST BE ACCESSIBLE. PROVIDE ACCESS PANEL FOR ACCESS TO VALVES LOCATED ABOVE HARD CEILINGS.
11. NO PULLED TEE'S ALLOWED. USE MANUFACTURED TEE'S ONLY.
12. COORDINATE COIL CONNECTIONS FOR ALL EQUIPMENT WITH MANUFACTURER PRIOR TO ORDERING.
13. REFERENCE M410 SERIES DRAWINGS FOR TYPICAL AND SPECIFIC INSTALLATION REQUIREMENTS FOR EQUIPMENT, ETC.
14. SEE ALSO DRAWING PM001 FOR ADDITIONAL GENERAL NOTES.

(#) PLAN NOTES:

--

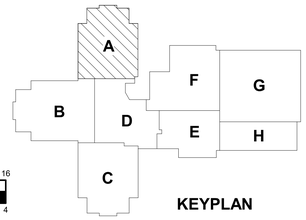
GROUND FLOOR - UNIT A - HYDRONICS

SCALE: 1/8" = 1'-0"

NORTH

0 1 2 3 4 8 12 16

1 2 3 4



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R.E. Dimond and Associates, Inc.
Consulting Engineers
732 North Capitol Avenue
Indianapolis, IN 46204
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Fax (317) 636-8725

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of major spaces, and the relationships between and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
To the full and complete scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	WJK	MJE

DRAWING TITLE:
GROUND FLOOR PLAN - UNIT A - HYDRONICS

CERTIFIED BY:
Joseph Michael Cressler
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
M211A

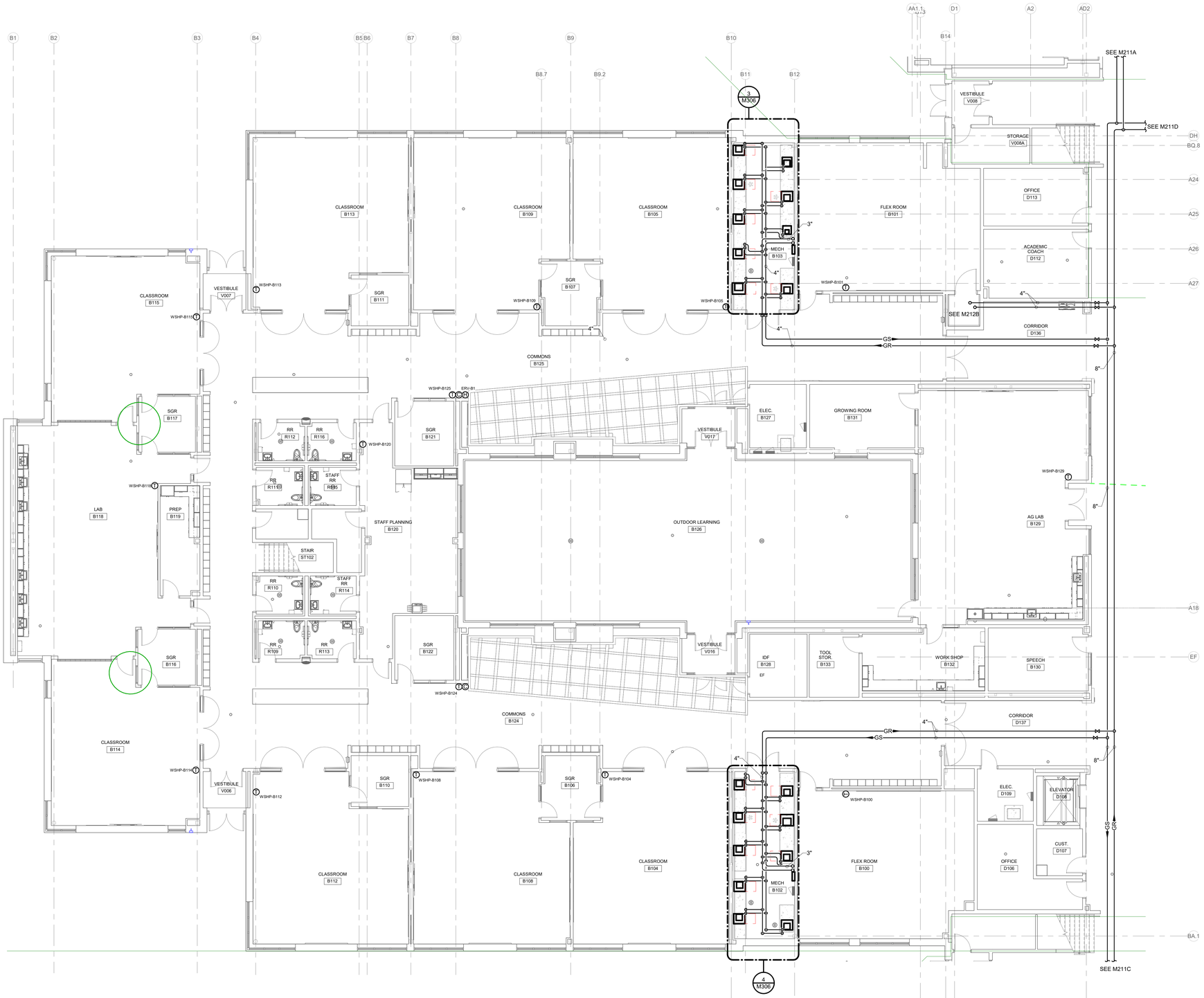
PROJECT NUMBER
2023061

GENERAL NOTES - HYDRONICS:

1. ALSO SEE SHEET M211A FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

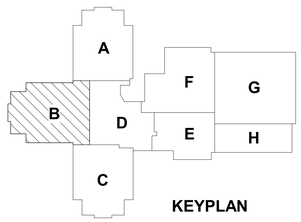
--



GROUND FLOOR - UNIT B - HYDRONICS

SCALE: 1/8" = 1'-0"

NORTH



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732 North Capitol Avenue
Indianapolis, IN 46204
Phone: (317) 634-4672
Fax: (317) 638-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.

On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	WJK	MJE

DRAWING TITLE:

GROUND FLOOR PLAN - UNIT B - HYDRONICS

CERTIFIED BY:

Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

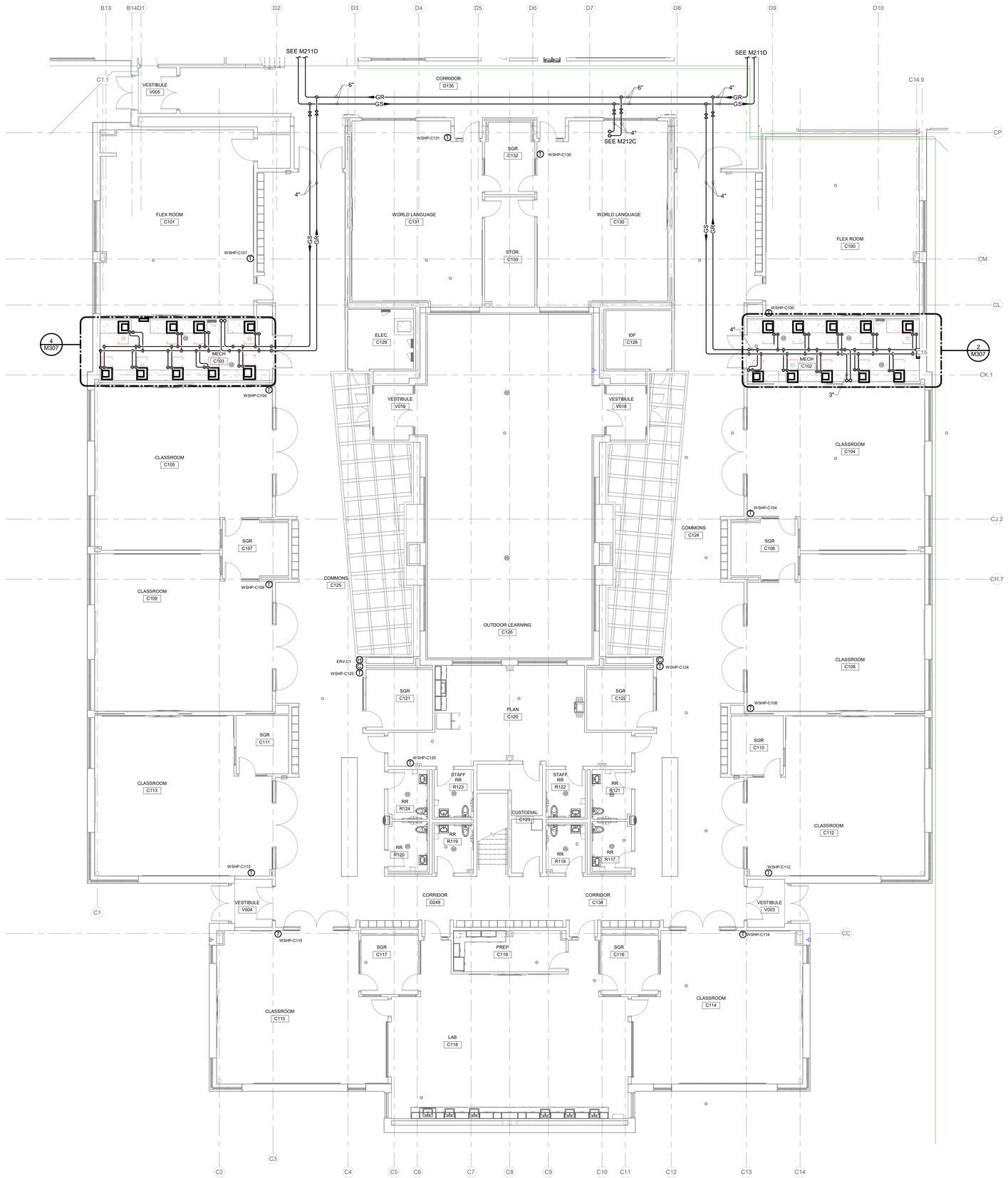
8/09/2024

DRAWING NUMBER

M211B

PROJECT NUMBER

2023061



GENERAL NOTES - HYDRONICS:

1. ALSO SEE SHEET M211A FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

--

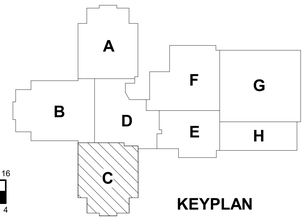
GROUND FLOOR - UNIT C - HYDRONICS

SCALE: 1/8" = 1'-0"

NORTH

0 1 2 3 4 8 12 16

1 2 3 4



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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project. They are diagrammatic and indicate the general arrangement of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the construction work of the project.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

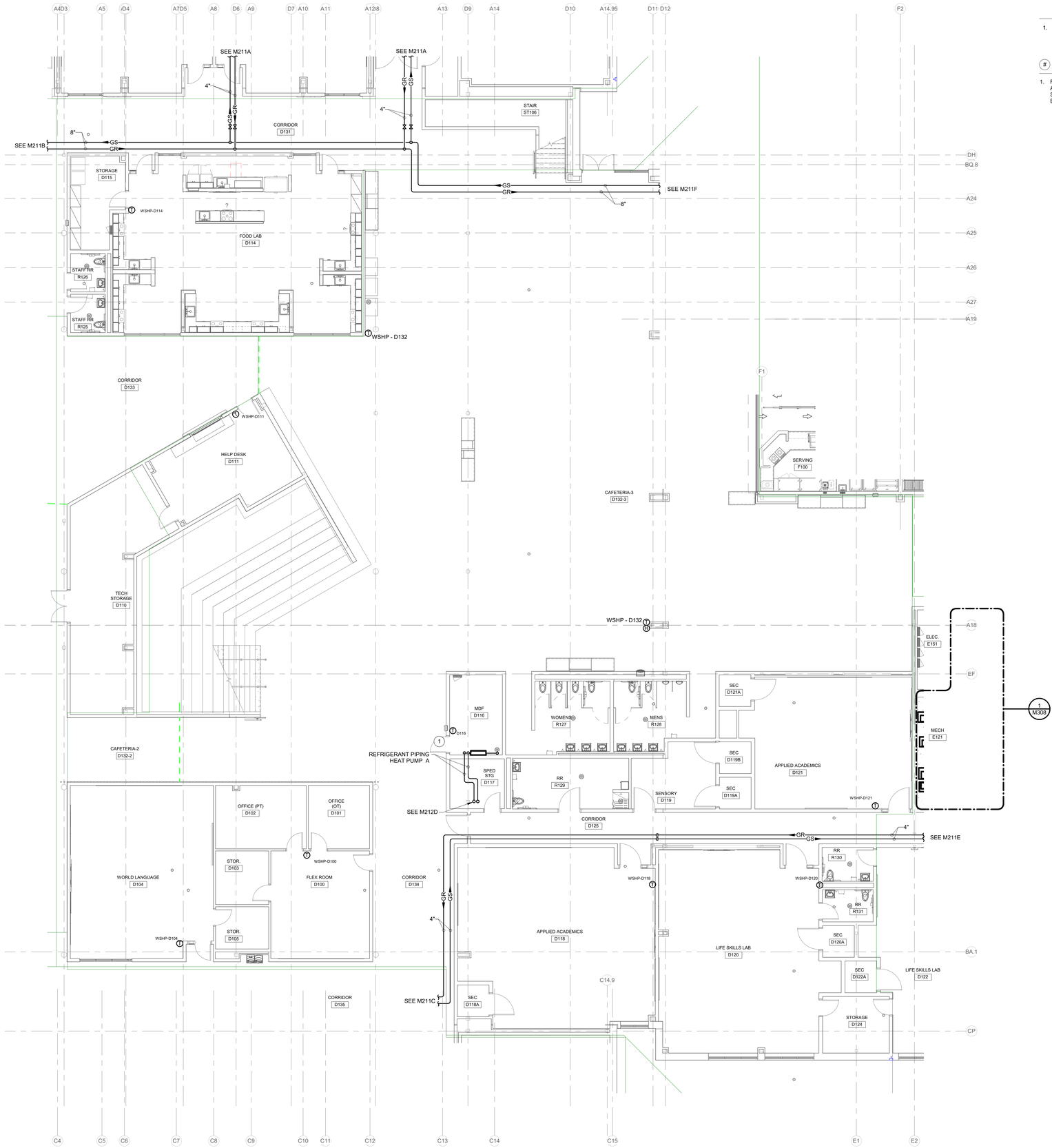
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	WJK	MJE

DRAWING TITLE:
GROUND FLOOR PLAN - UNIT C - HYDRONICS

CERTIFIED BY:
Joseph Michael Chinn
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
M211C

PROJECT NUMBER
2023061



GROUND FLOOR - UNIT D - HYDRONICS

SCALE: 1/8" = 1'-0"

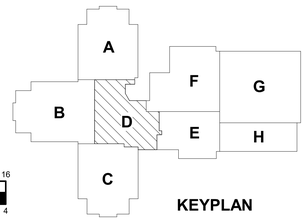
NORTH

GENERAL NOTES - HYDRONICS:

1. ALSO SEE SHEET M211A FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

1. ROUTE CONDENSATE TO FLOOR DRAIN. REFRIGERANT PIPING UP TO ACCU ON ROOF. PROVIDE DDC TEMPERATURE SENSOR IN ROOM FOR SPACE MONITORING. VERIFY EXACT LOCATION OF UNIT WITH ENGINEER IN FIELD PRIOR TO INSTALLATION.



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Fax: (317) 638-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.

On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	WJK	MJE

DRAWING TITLE:

GROUND FLOOR PLAN - UNIT D - HYDRONICS

CERTIFIED BY:

Joseph Michael Chrapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

M211D

PROJECT NUMBER

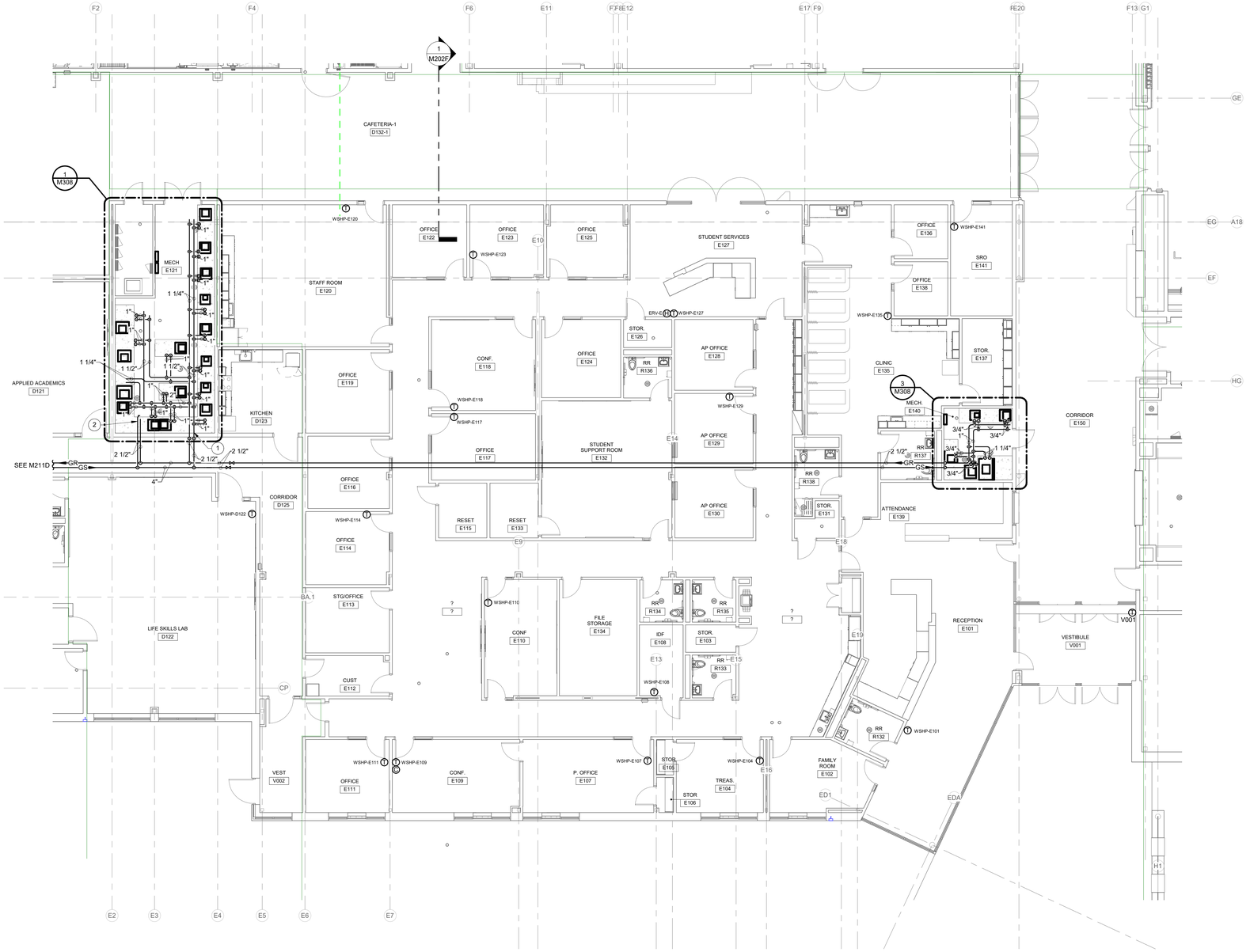
2023061

GENERAL NOTES - HYDRONICS:

1. ALSO SEE SHEET M211A FOR ADDITIONAL GENERAL NOTES.
2. NEATLY ROUTE 3/4" CONDENSATE DRAIN FROM WSHP'S TO NEAREST FLOOR DRAIN IN MECHANICAL ROOM. TERMINATE OVER FLOOR DRAIN WITH ELBOW.

(#) PLAN NOTES:

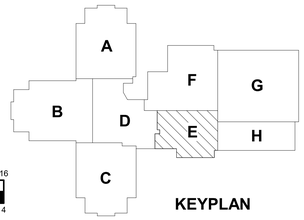
1. PROVIDE MANUAL SHUTOFF VALVES IN GS & GR PIPING AT THIS LOCATION.
2. 2 1/2" GS & GR PIPING UP TO ERV-E ON ROOF. SEE M220.



GROUND FLOOR - UNIT E - HYDRONICS

SCALE: 1/8" = 1'-0"

NORTH



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0 1 2 3 4 8 12 16

1 2 3 4

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project. They are diagrammatic and indicate the general arrangement of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the intended building operation.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
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DRAWING TITLE:
GROUND FLOOR PLAN - UNIT E - HYDRONICS

CERTIFIED BY:
Joseph Michael Chinn
REGISTERED
No. PE11700335
STATE OF
INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
M211E

PROJECT NUMBER
2023061

GENERAL NOTES - HYDRONICS:

1. ALSO SEE SHEET M211A FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

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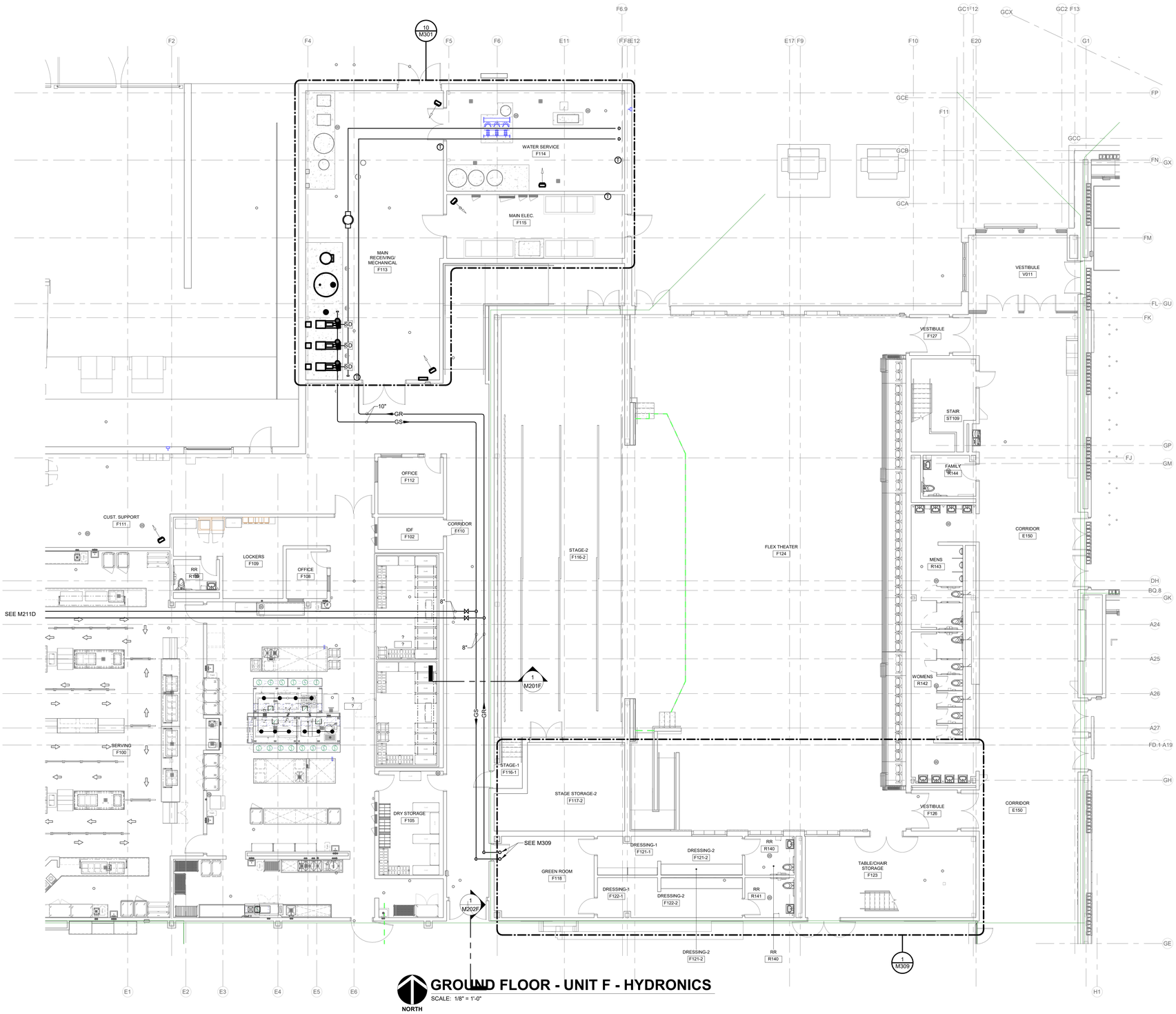
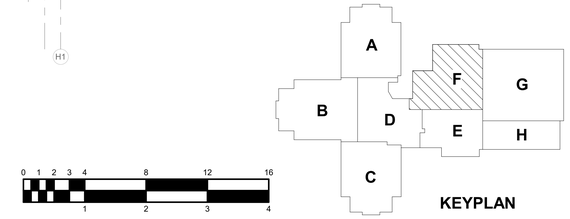


GROUND FLOOR - UNIT F - HYDRONICS

SCALE: 1/8" = 1'-0"

NORTH



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Fax: (317) 638-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST

BID DOCUMENTS

17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

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On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	WJK	MJE

DRAWING TITLE:

GROUND FLOOR PLAN - UNIT F - HYDRONICS

CERTIFIED BY:

Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

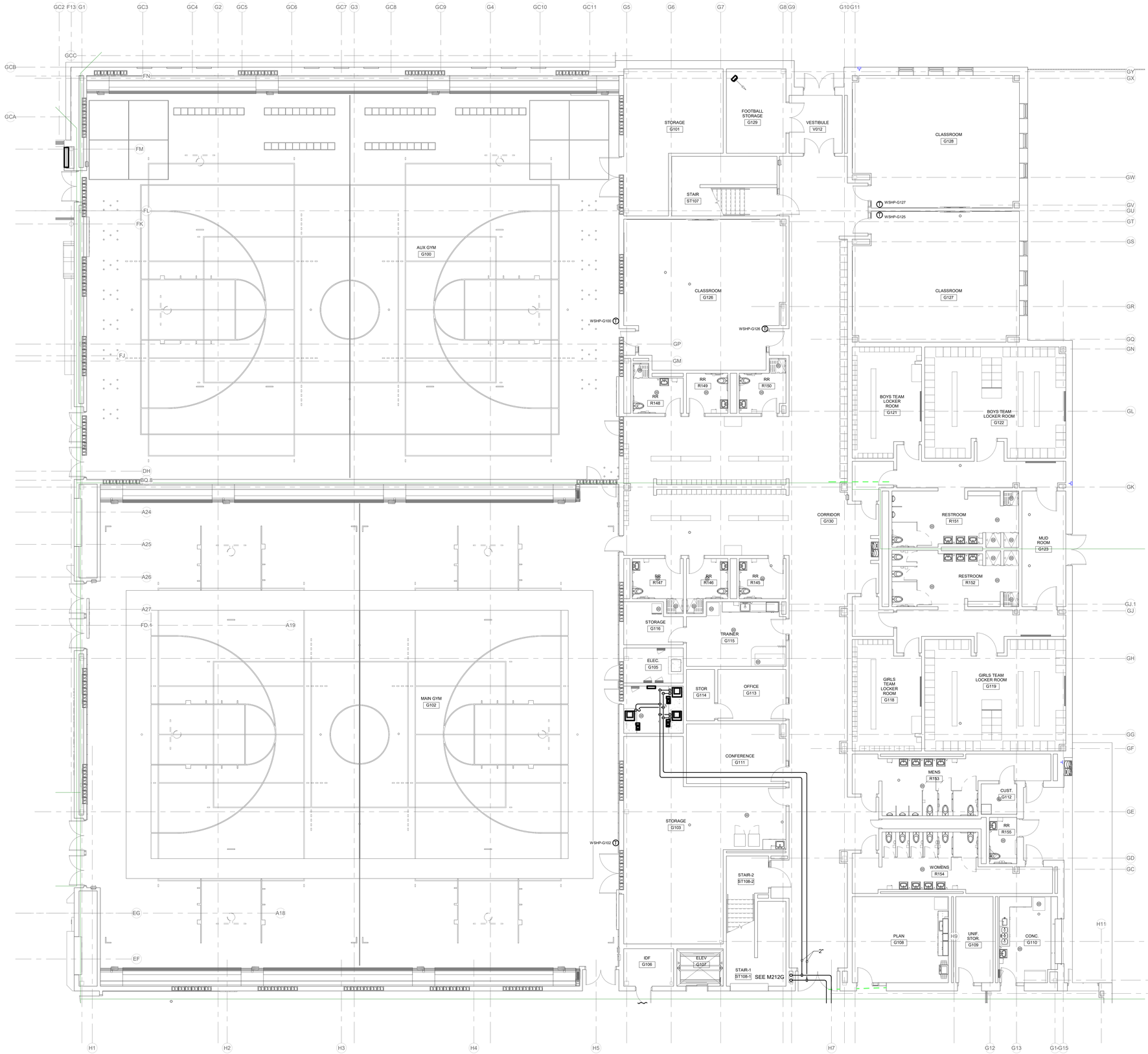
8/09/2024

DRAWING NUMBER

M211F

PROJECT NUMBER

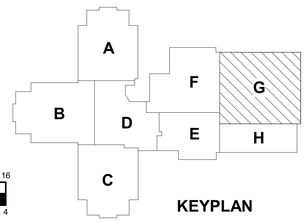
2023061



GROUND FLOOR - UNIT G - HYDRONICS

SCALE: 1/8" = 1'-0"

NORTH



KEYPLAN

GENERAL NOTES - HYDRONICS:

1. ALSO SEE SHEET M211A FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

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D&A# 23085

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	WJK	MJE

DRAWING TITLE:

GROUND FLOOR PLAN - UNIT G - HYDRONICS

CERTIFIED BY:

Joseph Michael Chrapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

M211G

PROJECT NUMBER

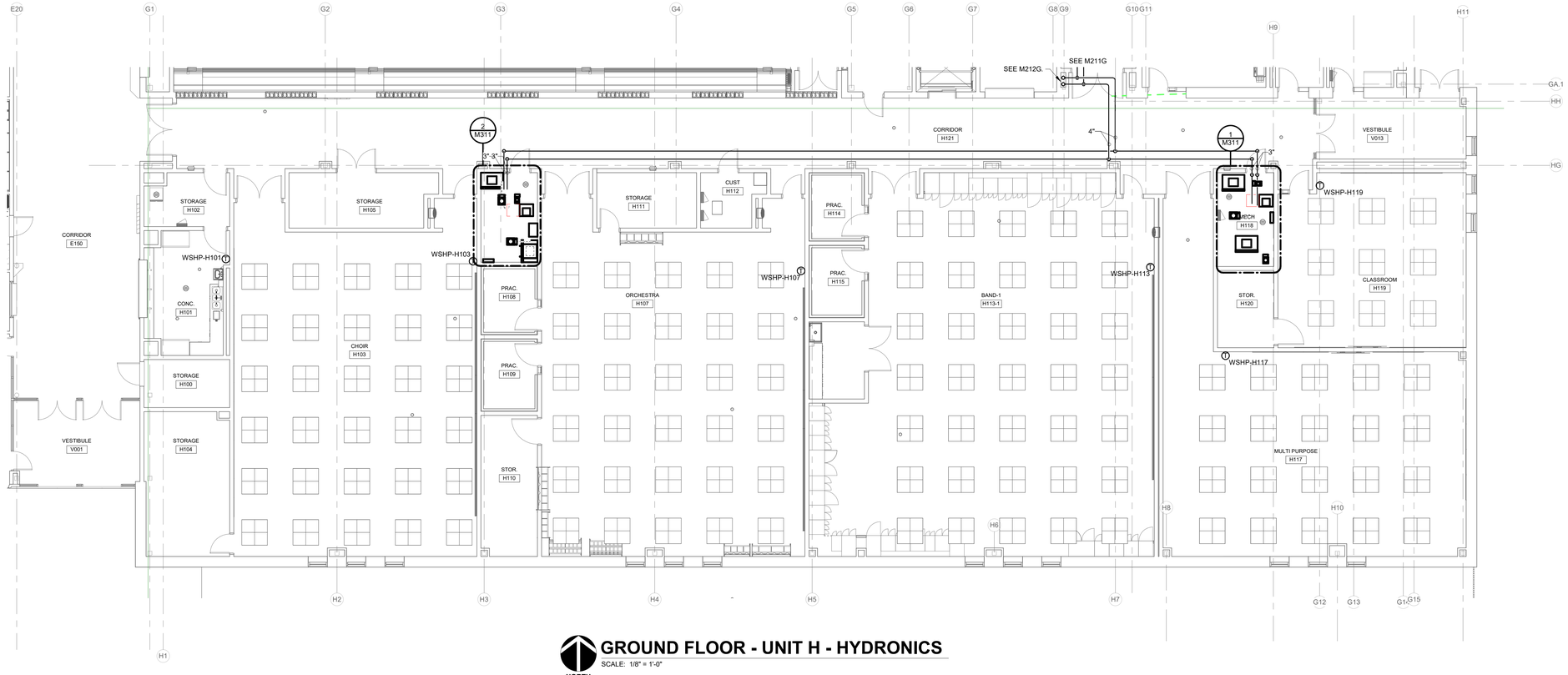
2023061

GENERAL NOTES - HYDRONICS:

1. ALSO SEE SHEET M211A FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

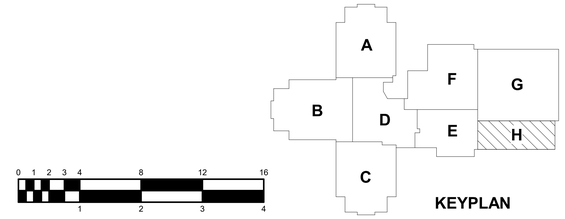
--



GROUND FLOOR - UNIT H - HYDRONICS

SCALE: 1/8" = 1'-0"

NORTH



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1 2 3 4

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PROJECT:

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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
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DRAWING TITLE:

GROUND FLOOR PLAN - UNIT H - HYDRONICS

CERTIFIED BY:

Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

M211H

PROJECT NUMBER

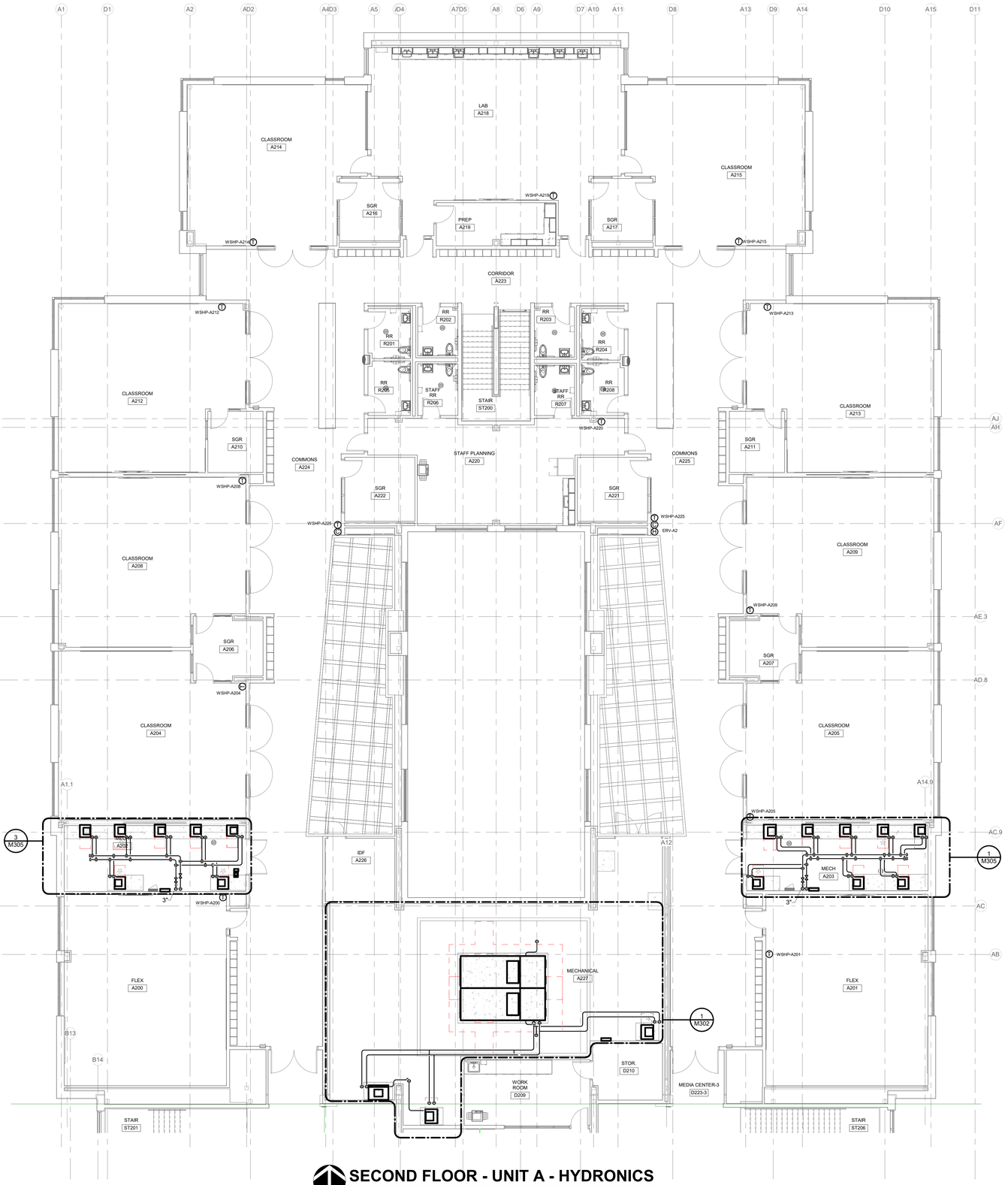
2023061

GENERAL NOTES - HYDRONICS:

1. ALSO SEE SHEET M211A FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

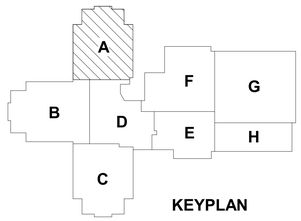
--



SECOND FLOOR - UNIT A - HYDRONICS

SCALE: 1/8" = 1'-0"

NORTH



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PROJECT:

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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	WJK	MJE

DRAWING TITLE:

SECOND FLOOR PLAN - UNIT A - HYDRONICS

CERTIFIED BY:

Joseph Michael Chrapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

M212A

PROJECT NUMBER

2023061

GENERAL NOTES - HYDRONICS:

1. ALSO SEE SHEET M211A FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

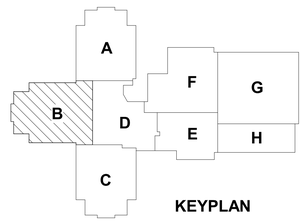
--



SECOND FLOOR - UNIT B - HYDRONICS

SCALE: 1/8" = 1'-0"

NORTH



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0 2 4 6 8 16 24 32

1 2 3 4

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PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST

BID DOCUMENTS

17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	WJK	MJE

DRAWING TITLE:

SECOND FLOOR PLAN - UNIT B - HYDRONICS

CERTIFIED BY:

Joseph Michael Chrapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

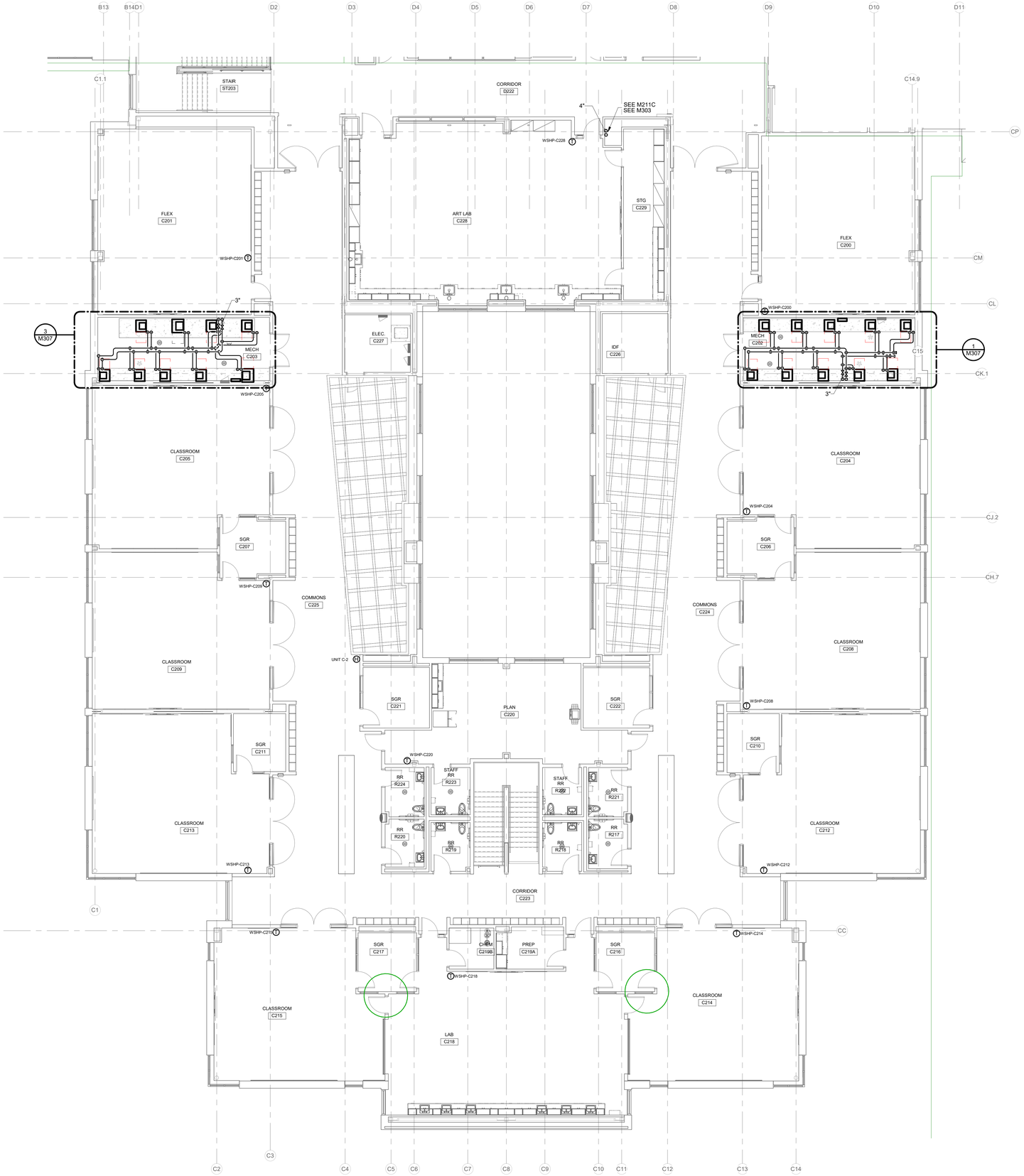
8/09/2024

DRAWING NUMBER

M212B

PROJECT NUMBER

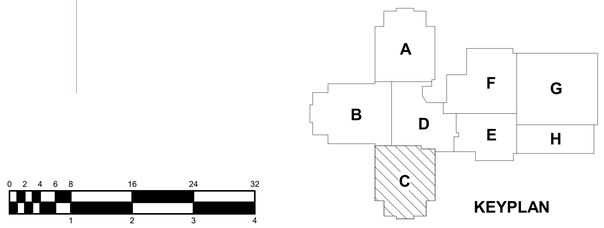
2023061



SECOND FLOOR - UNIT C - HYDRONICS

SCALE: 1/8" = 1'-0"

NORTH



KEYPLAN

GENERAL NOTES - HYDRONICS:

1. ALSO SEE SHEET M211A FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

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R.E. Dimond and Associates, Inc.
Consulting Engineers
D&A# 23085
732 North Capitol Avenue
Indianapolis, IN 46204
Phone: (317) 634-4672
Fax: (317) 638-8725

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	WJK	MJE

DRAWING TITLE:
SECOND FLOOR PLAN - UNIT C - HYDRONICS

CERTIFIED BY:
Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

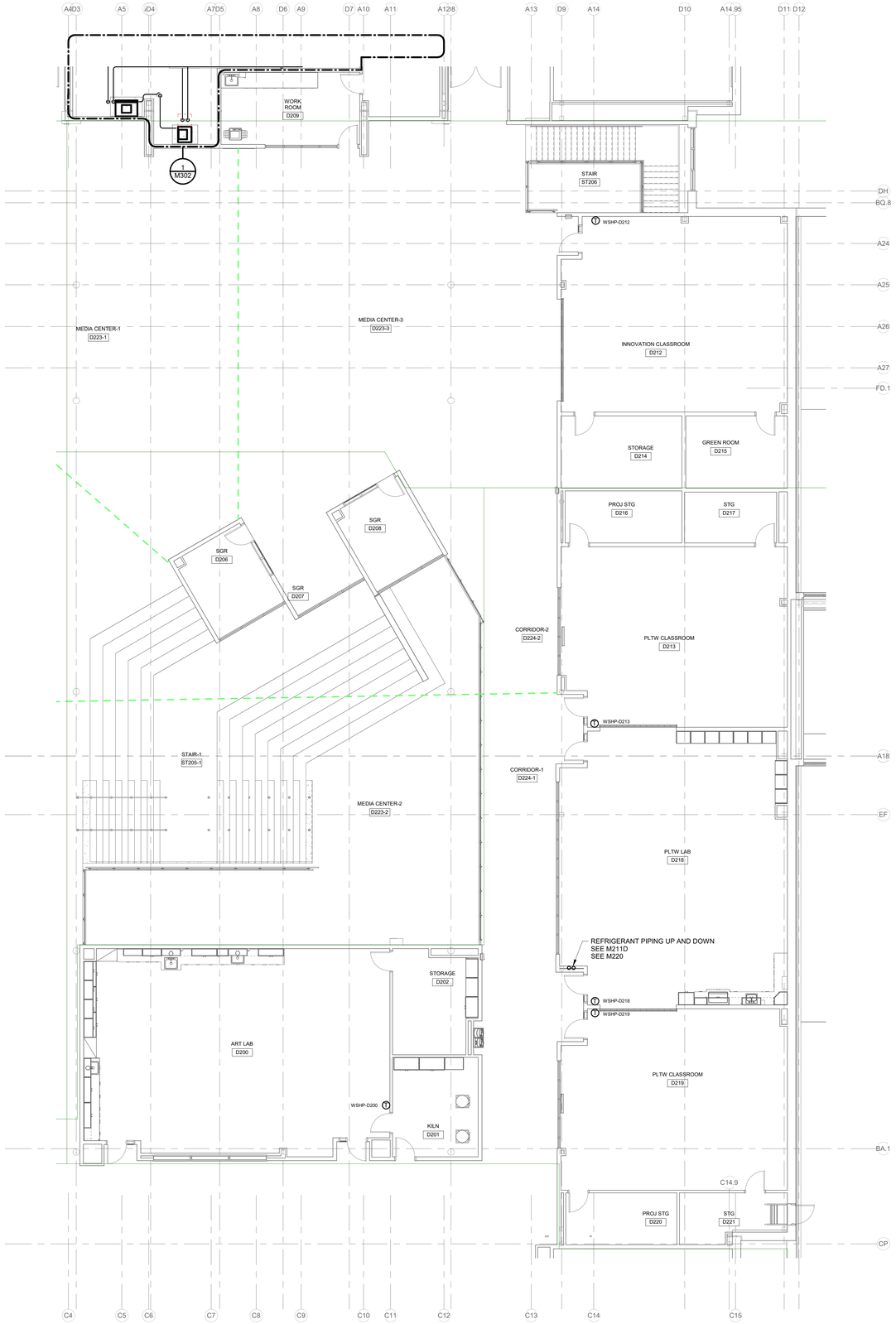
DRAWING NUMBER
M212C

PROJECT NUMBER
2023061

GENERAL NOTES - HYDRONICS:

1. ALSO SEE SHEET M211A FOR ADDITIONAL GENERAL NOTES.

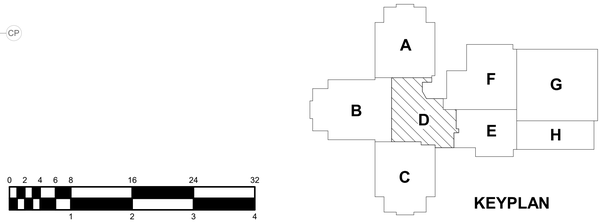
PLAN NOTES:



SECOND FLOOR - UNIT D - HYDRONICS

SCALE: 1/8" = 1'-0"

NORTH



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732 North Capitol Avenue
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Fax: (317) 638-8725

PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

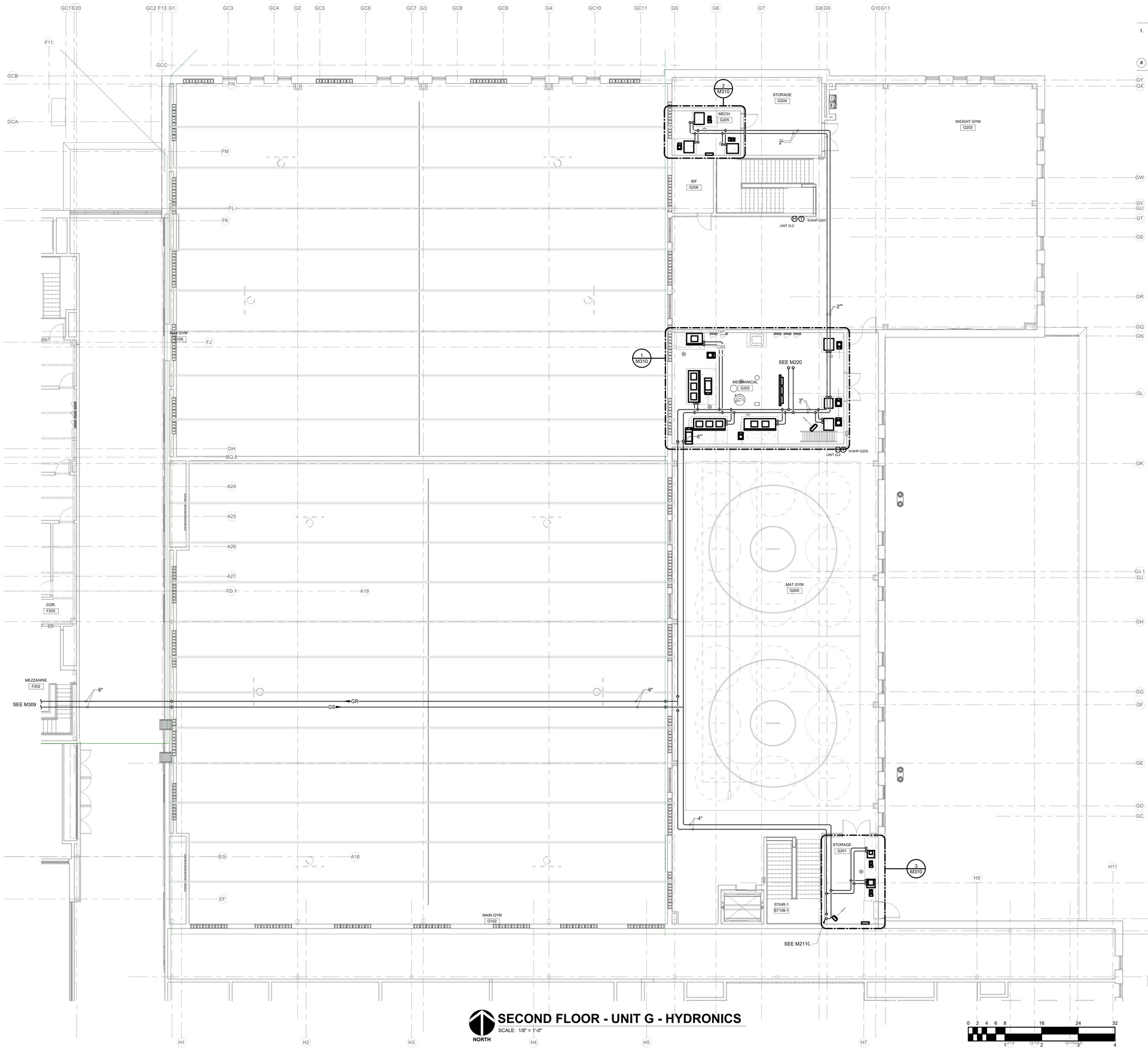
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	WJK	MJE

DRAWING TITLE:
SECOND FLOOR PLAN - UNIT D - HYDRONICS

CERTIFIED BY:
Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
M212D

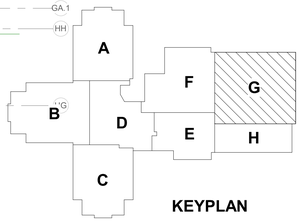
PROJECT NUMBER
2023061



SECOND FLOOR - UNIT G - HYDRONICS

SCALE: 1/8" = 1'-0"

NORTH



KEYPLAN

GENERAL NOTES - HYDRONICS:

1. ALSO SEE SHEET M211A FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

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PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	WJK	MJE

DRAWING TITLE:

SECOND FLOOR PLAN - UNIT G - HYDRONICS

CERTIFIED BY:

Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

M212G

PROJECT NUMBER

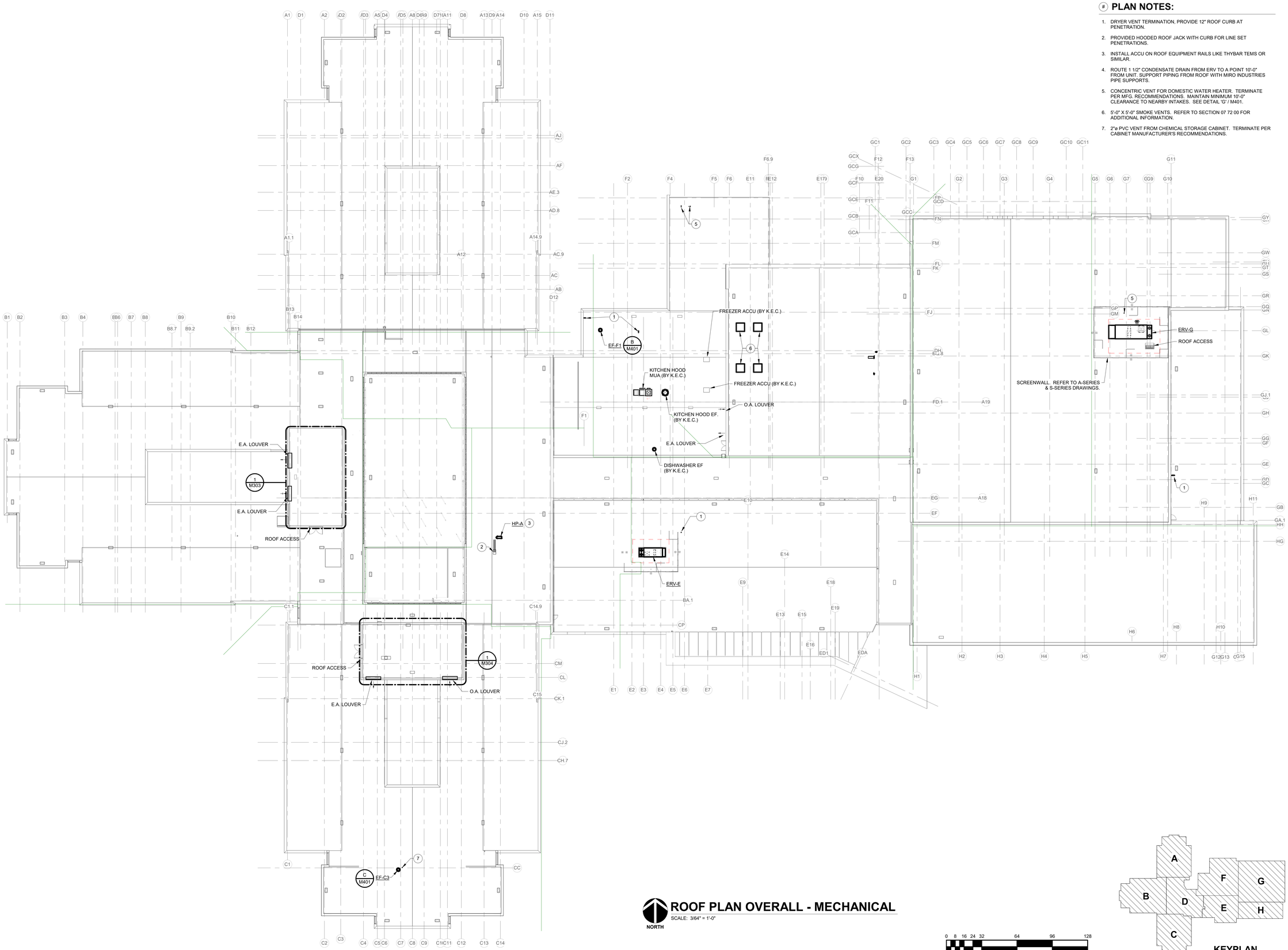
2023061

GENERAL NOTES:

1. SEE SHEET M201 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

1. DRYER VENT TERMINATION, PROVIDE 12" ROOF CURB AT PENETRATION.
2. PROVIDED HOODED ROOF JACK WITH CURB FOR LINE SET PENETRATIONS.
3. INSTALL ACCU ON ROOF EQUIPMENT RAILS LIKE THYBAR TEMS OR SIMILAR.
4. ROUTE 1 1/2" CONDENSATE DRAIN FROM ERV TO A POINT 10'-0" FROM UNIT. SUPPORT PIPING FROM ROOF WITH MIRO INDUSTRIES PIPE SUPPORTS.
5. CONCENTRIC VENT FOR DOMESTIC WATER HEATER. TERMINATE PER MFG. RECOMMENDATIONS. MAINTAIN MINIMUM 10'-0" CLEARANCE TO NEARBY INTAKES. SEE DETAIL 'G' / M401.
6. 5'-0" X 5'-0" SMOKE VENTS. REFER TO SECTION 07 72 00 FOR ADDITIONAL INFORMATION.
7. 2"ø PVC VENT FROM CHEMICAL STORAGE CABINET. TERMINATE PER CABINET MANUFACTURER'S RECOMMENDATIONS.



ROOF PLAN OVERALL - MECHANICAL

SCALE: 3/64" = 1'-0"

NORTH

0 8 16 24 32 64 96 128

1 2 3 4

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D&A# 23085

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	WK	MJE

DRAWING TITLE:

ROOF PLAN OVERALL - MECHANICAL

CERTIFIED BY:

Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

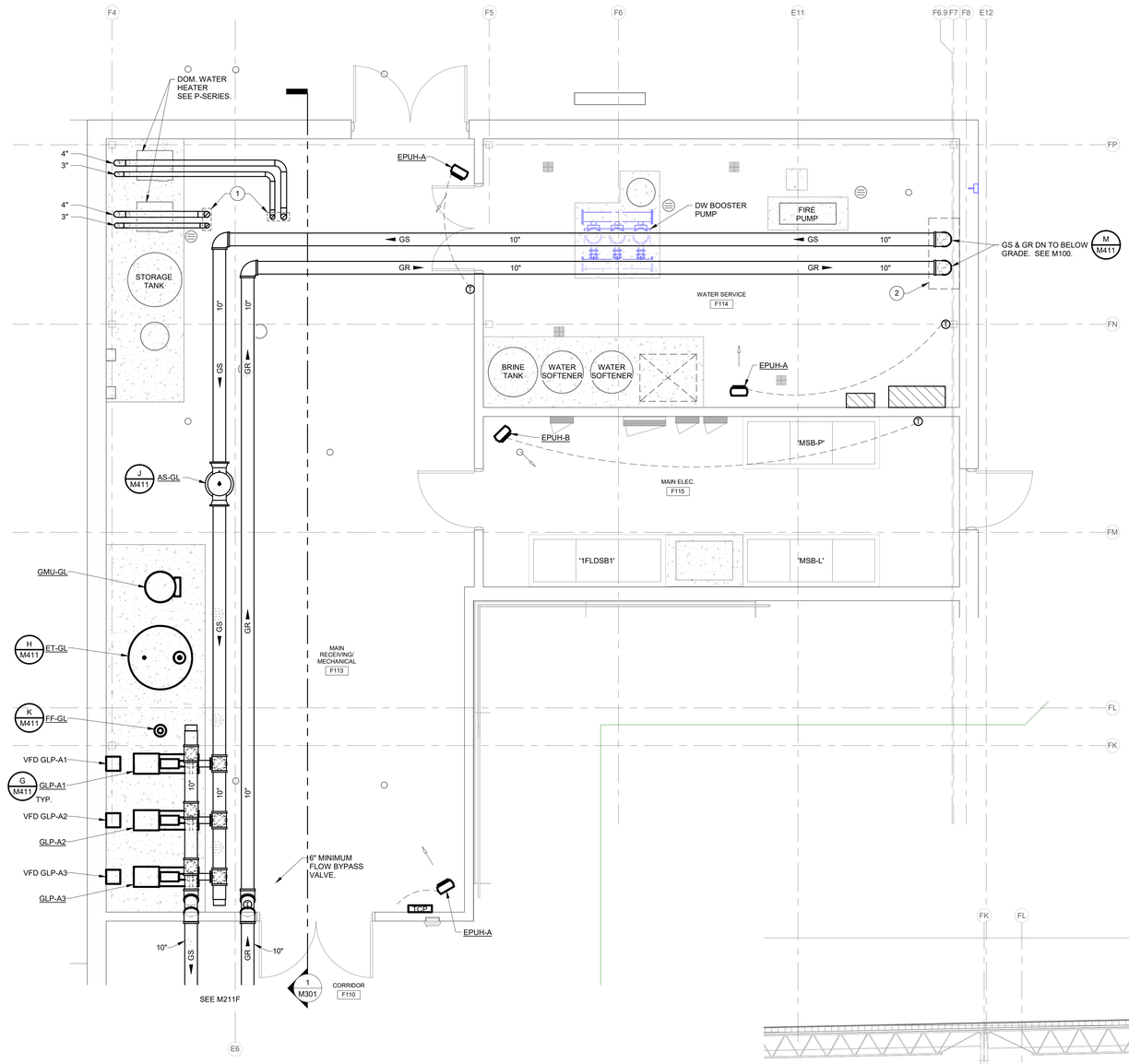
8/09/2024

DRAWING NUMBER

M220

PROJECT NUMBER

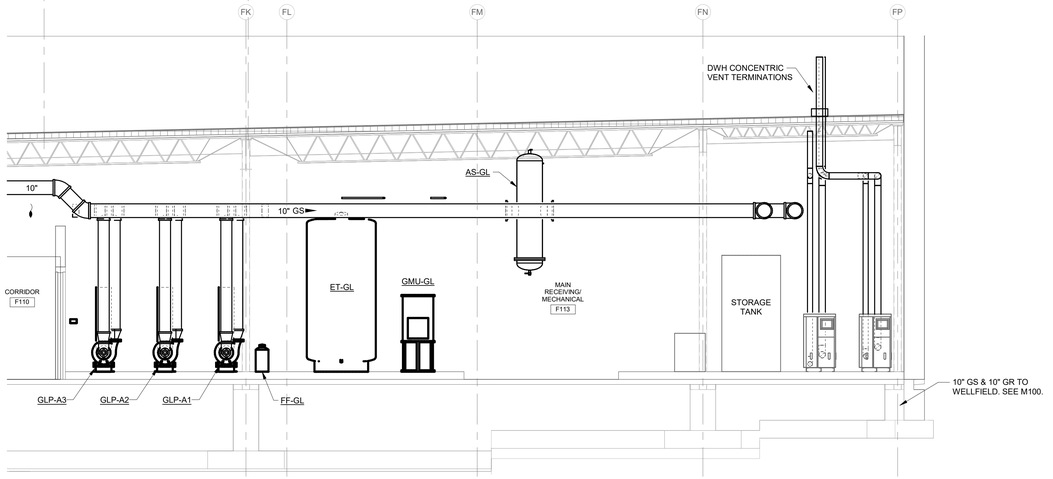
2023061



ENLARGED MECHANICAL ROOM F113 - MECHANICAL

SCALE: 1/4" = 1'-0"

NORTH



1 MECHANICAL ROOM SECTION

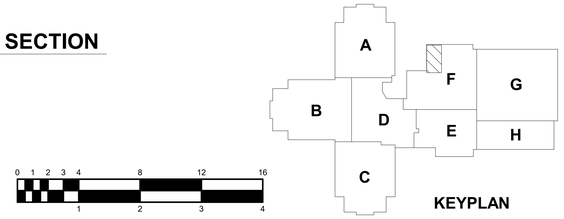
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. ALSO SEE SHEET PM001 & M211A FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

1. INTAKE AND VENT PIPING FROM DOMESTIC WATER HEATER UP TO ROOF AND TERMINATE WITH CONCENTRIC VENT.
2. FLUSHING STATION. PROVIDE SERVICE PORTS AND MANUAL ISOLATION VALVES AT THIS LOCATION. REFER TO M511.



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Fax: (317) 638-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	JMC	JMC

DRAWING TITLE:

UNIT F - ENLARGED MECHANICAL ROOM F113 - MECHANICAL

CERTIFIED BY:

Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

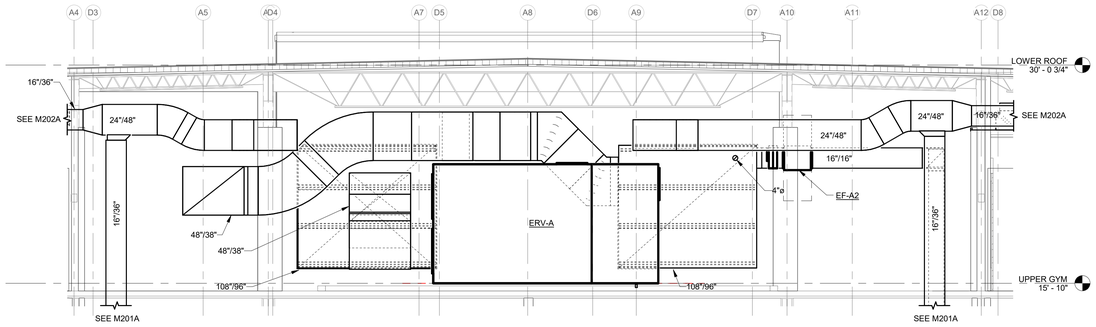
8/09/2024

DRAWING NUMBER

M301

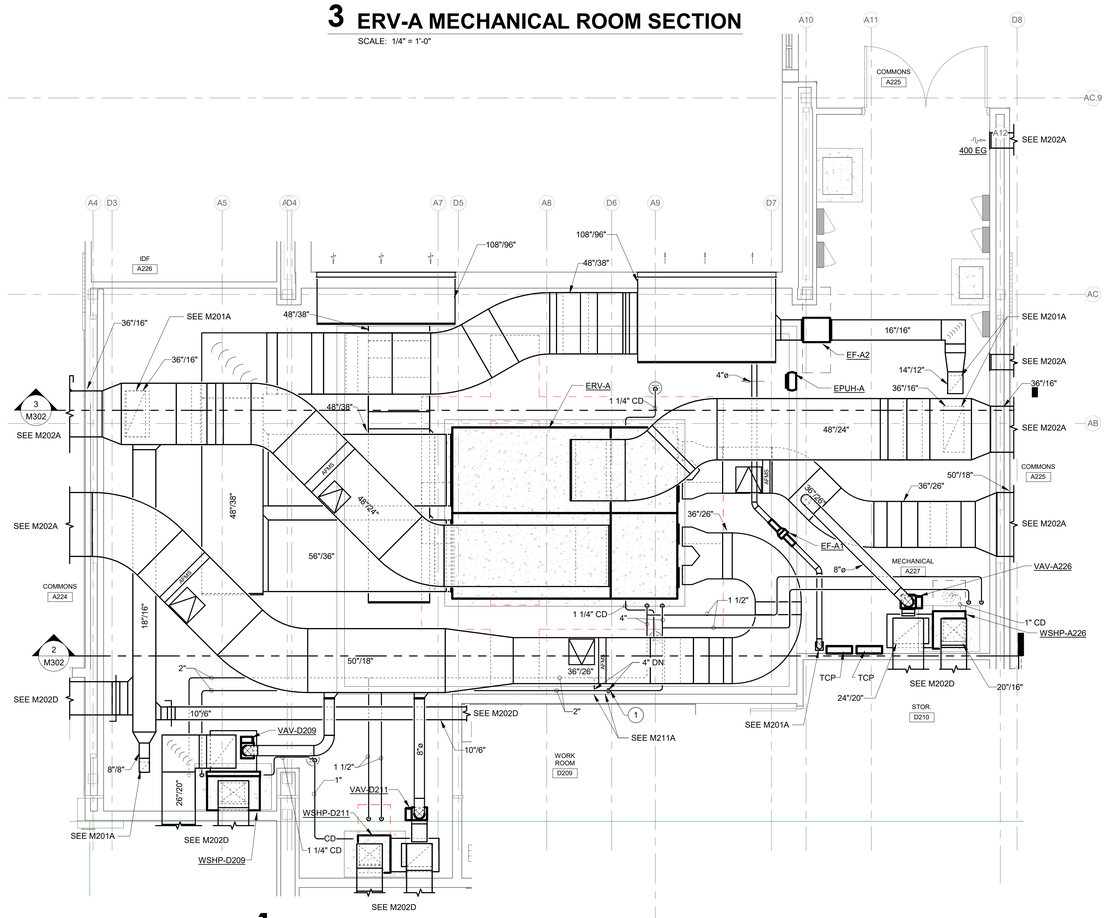
PROJECT NUMBER

2023061



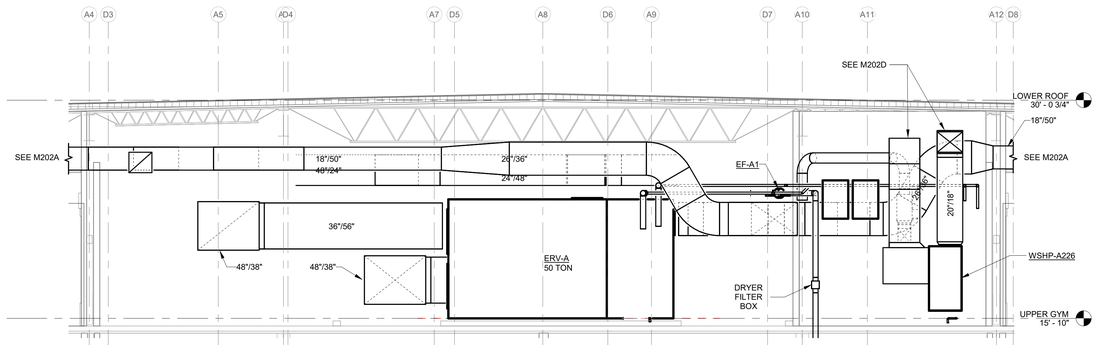
3 ERV-A MECHANICAL ROOM SECTION

SCALE: 1/4" = 1'-0"



1 ENLARGED MECHANICAL ROOM A227 - MECHANICAL

SCALE: 1/4" = 1'-0"



2 ERV-A MECHANICAL ROOM SECTION

SCALE: 1/4" = 1'-0"

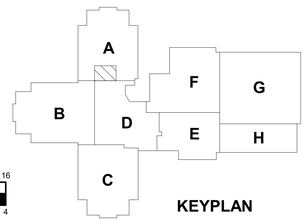
GENERAL NOTES:

1. ALSO SEE SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

1. INSTALL DPT IN GS & GSR PIPING ALONG WALL

- WSHP A227 MECHANICAL				
TAG	WSHP TYPE	SPACE NAME	SPACE NUMBER	UNIT
WSHP-A226	G-1995	MECHANICAL	A227	A227
WSHP-D209	J-3000	MECHANICAL	A227	A227
WSHP-D211	G-1800	MECHANICAL	A227	A227



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PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	JCB	JCB

DRAWING TITLE:

UNIT A - ENLARGED MECHANICAL ROOM A227 - MECHANICAL

CERTIFIED BY:

Joseph Michael Chrapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER

M302

PROJECT NUMBER

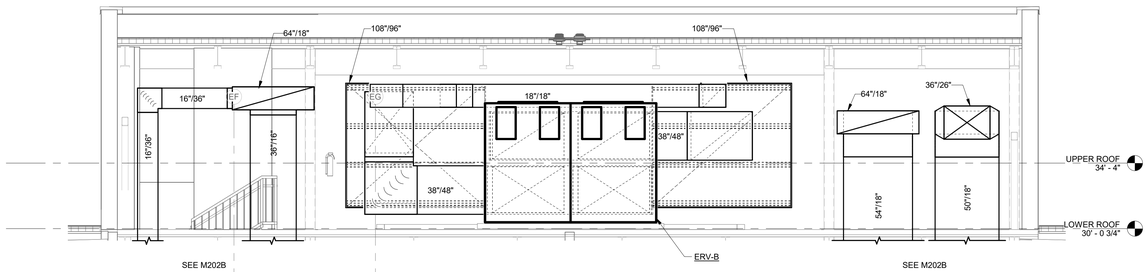
2023061

GENERAL NOTES:

1. ALSO SEE SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

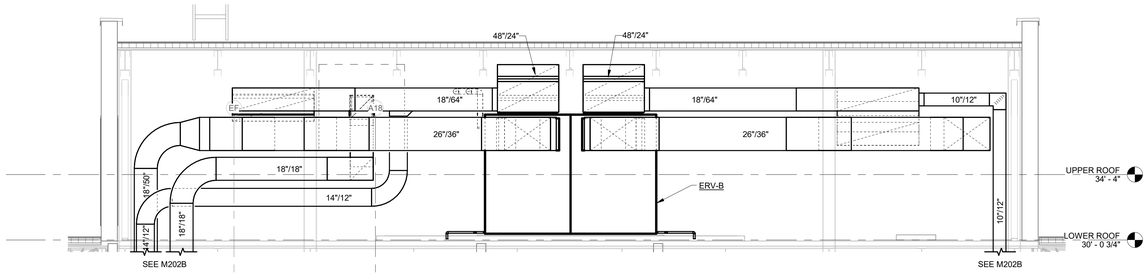
PLAN NOTES:

1. --



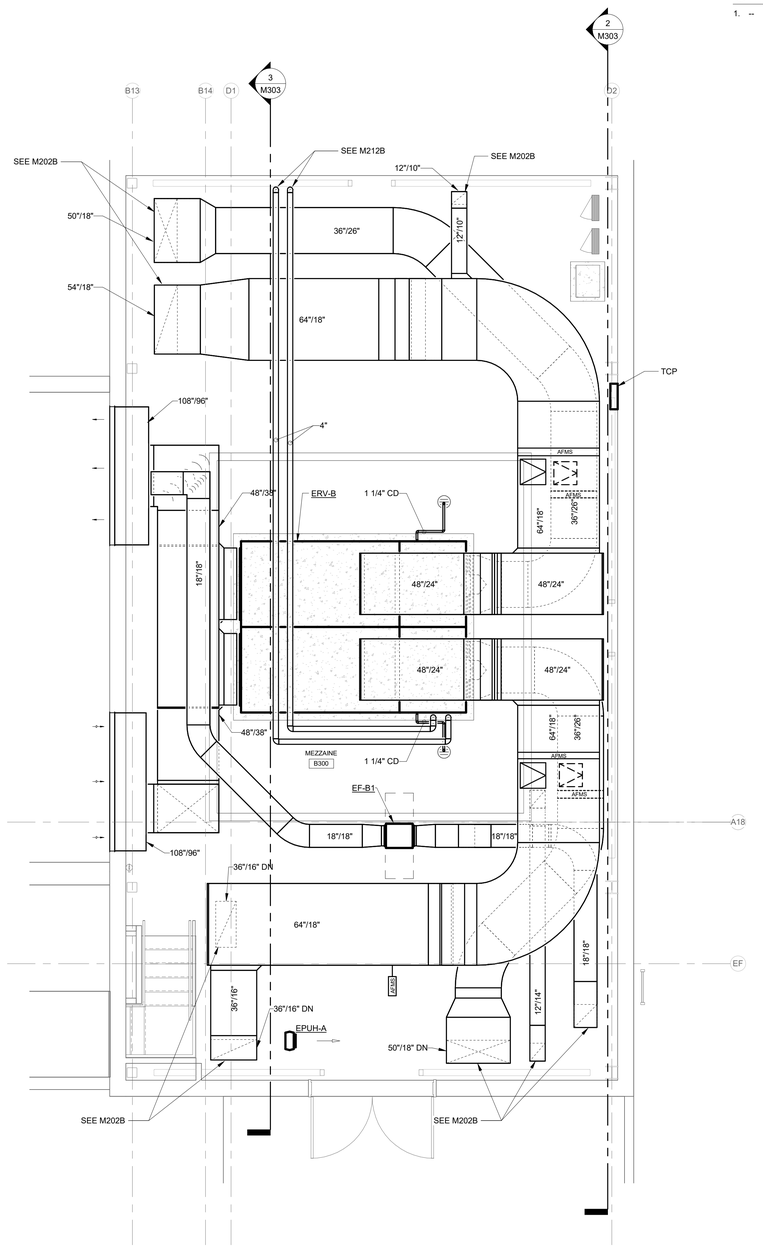
3 ERV-B MEZZANINE SECTION

SCALE: 1/4" = 1'-0"



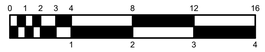
2 ERV-B MEZZANINE SECTION

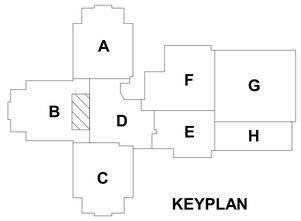
SCALE: 1/4" = 1'-0"



1 ENLARGED MECHANICAL MEZZANINE B300 - MECHANICAL

SCALE: 1/4" = 1'-0"





KEYPLAN

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BID DOCUMENTS
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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	JCB	JCB

DRAWING TITLE:

UNIT B - ENLARGED MECHANICAL MEZZANINE - MECHANICAL

CERTIFIED BY:

Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

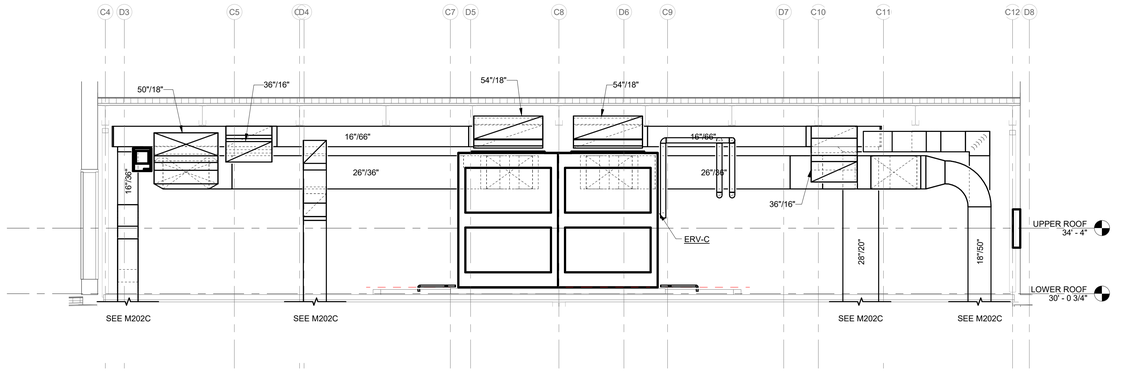
8/09/2024

DRAWING NUMBER

M303

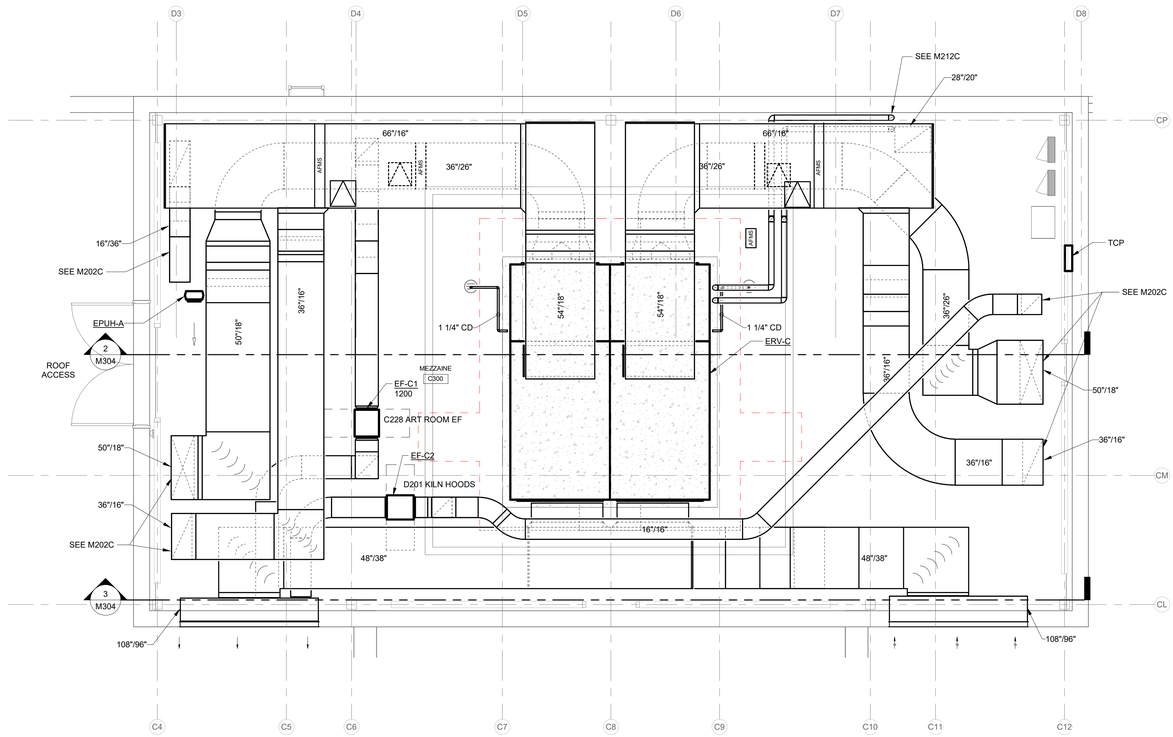
PROJECT NUMBER

2023061



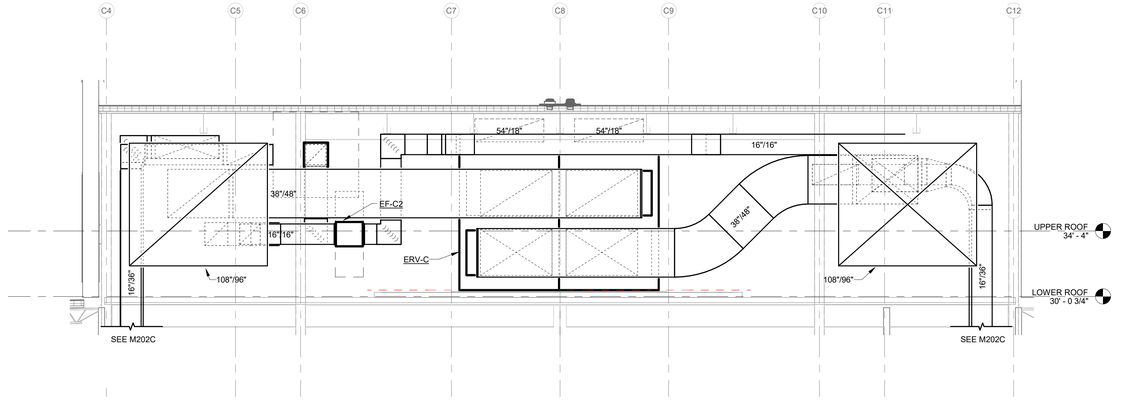
2 ERV-C MEZZANINE SECTION

SCALE: 1/4" = 1'-0"



1 ENLARGED MECHANICAL MEZZANINE C300 - MECHANICAL

SCALE: 1/4" = 1'-0"



3 ERV-C MEZZANINE SECTION

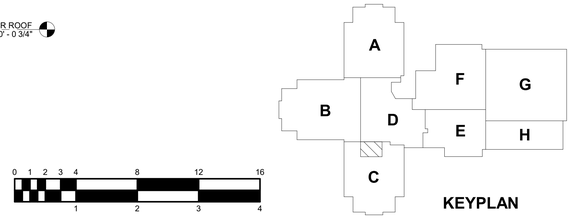
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. ALSO SEE SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

1. --



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PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST

BID DOCUMENTS

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	JCB	JCB

DRAWING TITLE:

UNIT C - ENLARGED MECHANICAL MEZZANINE - MECHANICAL

CERTIFIED BY:

Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

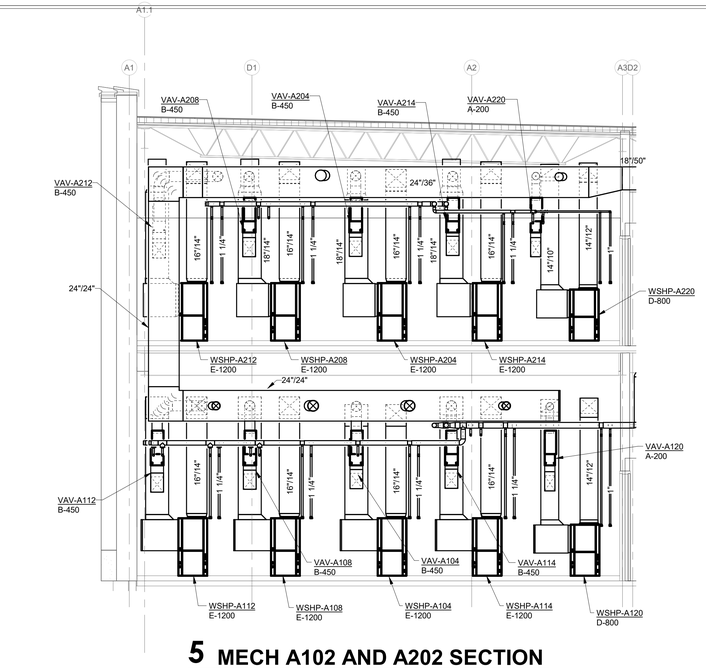
8/09/2024

DRAWING NUMBER

M304

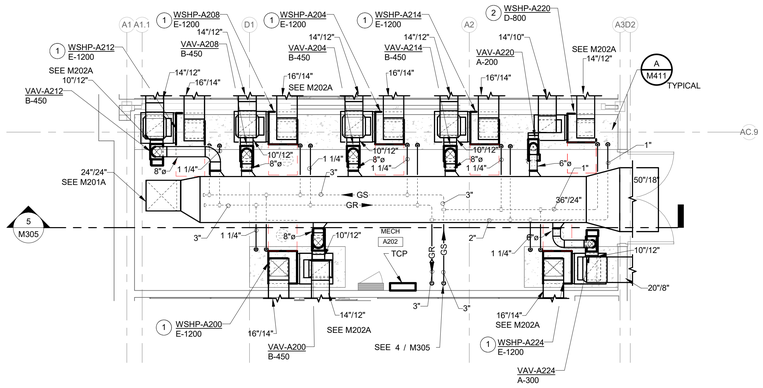
PROJECT NUMBER

2023061



5 MECH A102 AND A202 SECTION

SCALE: 1/4" = 1'-0"



3 ENLARGED MECH A202 - MECHANICAL

SCALE: 1/4" = 1'-0"

- VAV A MECHANICAL

TAG	VAV SIZE - CFM	TYPE	SPACE NAME	SPACE NUMBER	UNIT
VAV-A100	B-450	VAV Size B (8)	MECH	A102	A
VAV-A104	B-450	VAV Size B (8)	MECH	A102	A
VAV-A108	B-450	VAV Size B (8)	MECH	A102	A
VAV-A112	B-450	VAV Size B (8)	MECH	A102	A
VAV-A114	B-450	VAV Size B (8)	MECH	A102	A
VAV-A120	A-200	VAV Size A (6)	MECH	A102	A
VAV-A124	A-300	VAV Size A (6)	MECH	A102	A
VAV-A130	B-450	VAV Size B (8)	MECH	A102	A
VAV-D111	A-300	VAV Size A (6)	MECH	A102	A
VAV-A101	B-450	VAV Size B (8)	MECH	A103	A
VAV-A105	B-450	VAV Size B (8)	MECH	A103	A
VAV-A109	B-450	VAV Size B (8)	MECH	A103	A
VAV-A113	B-450	VAV Size B (8)	MECH	A103	A
VAV-A115	B-450	VAV Size B (8)	MECH	A103	A
VAV-A118	B-600	VAV Size B (8)	MECH	A103	A
VAV-A125	A-300	VAV Size A (6)	MECH	A103	A
VAV-A129	B-450	VAV Size B (8)	MECH	A103	A
VAV-D114	B-500	VAV Size B (8)	MECH	A103	A
VAV-A200	B-450	VAV Size B (8)	MECH	A202	A
VAV-A204	B-450	VAV Size B (8)	MECH	A202	A
VAV-A208	B-450	VAV Size B (8)	MECH	A202	A
VAV-A212	B-450	VAV Size B (8)	MECH	A202	A
VAV-A214	B-450	VAV Size B (8)	MECH	A202	A
VAV-A220	A-200	VAV Size A (6)	MECH	A202	A
VAV-A224	A-300	VAV Size A (6)	MECH	A202	A
VAV-A201	B-450	VAV Size B (8)	MECH	A203	A
VAV-A205	B-450	VAV Size B (8)	MECH	A203	A
VAV-A209	B-450	VAV Size B (8)	MECH	A203	A
VAV-A213	B-450	VAV Size B (8)	MECH	A203	A
VAV-A215	B-450	VAV Size B (8)	MECH	A203	A
VAV-A218	B-600	VAV Size B (8)	MECH	A203	A
VAV-A225	A-300	VAV Size A (6)	MECH	A203	A
VAV-D212	B-450	VAV Size B (8)	MECH	A203	A

- WSHP A MECHANICAL

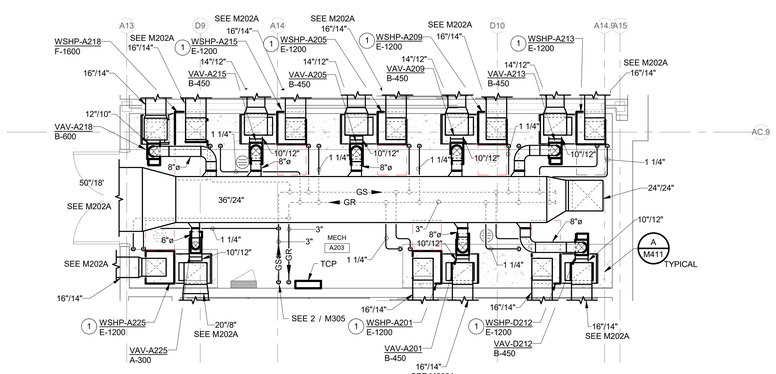
TAG	WSHP TYPE	SPACE NAME	SPACE NUMBER	UNIT
WSHP-A100	E-1200	MECH	A102	A
WSHP-A104	E-1200	MECH	A102	A
WSHP-A108	E-1200	MECH	A102	A
WSHP-A112	E-1200	MECH	A102	A
WSHP-A114	E-1200	MECH	A102	A
WSHP-A120	D-800	MECH	A102	A
WSHP-A124	E-1200	MECH	A102	A
WSHP-A130	E-1200	MECH	A102	A
WSHP-D111	F-1600	MECH	A102	A
WSHP-A101	E-1200	MECH	A103	A
WSHP-A105	E-1200	MECH	A103	A
WSHP-A109	E-1200	MECH	A103	A
WSHP-A113	E-1200	MECH	A103	A
WSHP-A115	E-1200	MECH	A103	A
WSHP-A118	F-1600	MECH	A103	A
WSHP-A125	E-1200	MECH	A103	A
WSHP-A129	E-1200	MECH	A103	A
WSHP-D114	E-1200	MECH	A103	A
WSHP-A200	E-1200	MECH	A202	A
WSHP-A204	E-1200	MECH	A202	A
WSHP-A208	E-1200	MECH	A202	A
WSHP-A212	E-1200	MECH	A202	A
WSHP-A214	E-1200	MECH	A202	A
WSHP-A220	D-800	MECH	A202	A
WSHP-A224	E-1200	MECH	A202	A
WSHP-A201	E-1200	MECH	A203	A
WSHP-A205	E-1200	MECH	A203	A
WSHP-A209	E-1200	MECH	A203	A
WSHP-A213	E-1200	MECH	A203	A
WSHP-A215	E-1200	MECH	A203	A
WSHP-A218	F-1600	MECH	A203	A
WSHP-A225	E-1200	MECH	A203	A
WSHP-D212	E-1200	MECH	A203	A

GENERAL NOTES:

1. ALSO SEE SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

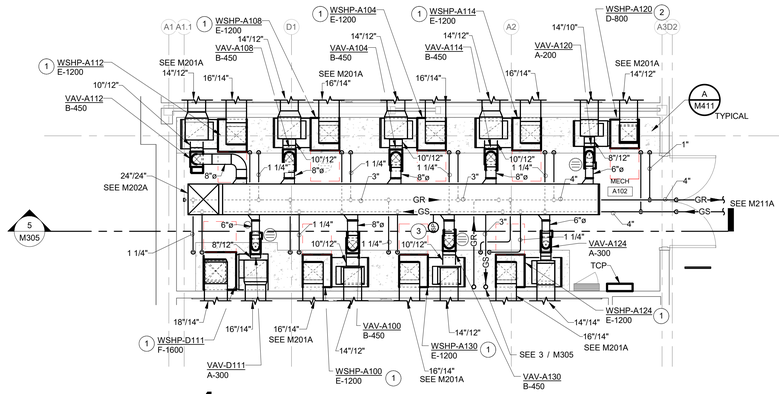
(#) PLAN NOTES:

1. ROUTE 1" CONDENSATE DRAIN FROM WSHP TO NEAREST FLOOR DRAIN IN MECHANICAL ROOM.
2. ROUTE 3/4" CONDENSATE DRAIN FROM WSHP TO NEAREST FLOOR DRAIN IN MECHANICAL ROOM.
3. DUCT STATIC PRESSURE SENSOR.



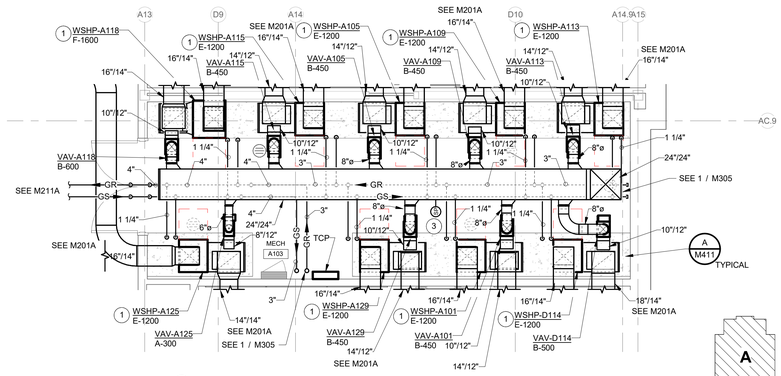
1 ENLARGED MECH A203 - MECHANICAL

SCALE: 1/4" = 1'-0"



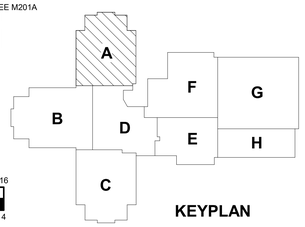
4 ENLARGED MECH A102 - MECHANICAL

SCALE: 1/4" = 1'-0"



2 ENLARGED MECH A103 - MECHANICAL

SCALE: 1/4" = 1'-0"



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R.E. Dimond and Associates, Inc.
Consulting Engineers
732 North Capitol Avenue
Indianapolis, IN 46204
Phone: (317) 634-4672
Fax: (317) 639-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the general requirements of the type of structural, mechanical and electrical systems.

The drawings do not necessarily indicate or describe all work required for the satisfactory performance and completion of the requirements of the Contract.

On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	JCB	JCB

DRAWING TITLE:

UNIT A - ENLARGED MECHANICAL ROOMS - MECHANICAL

CERTIFIED BY:

Jason Michael Combs
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

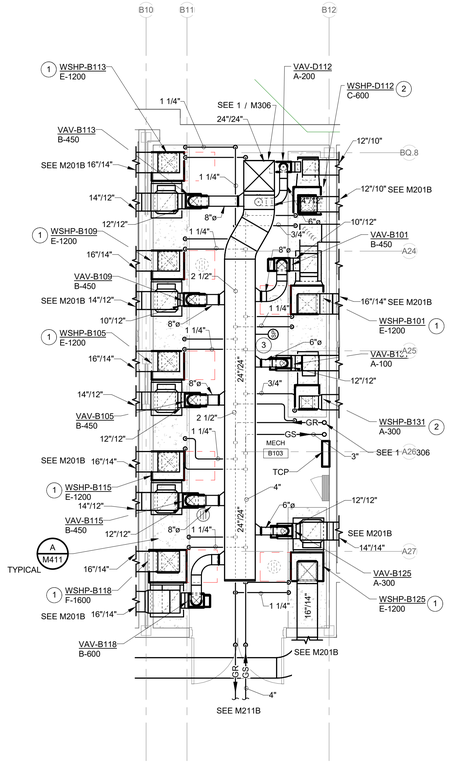
8/09/2024

DRAWING NUMBER

M305

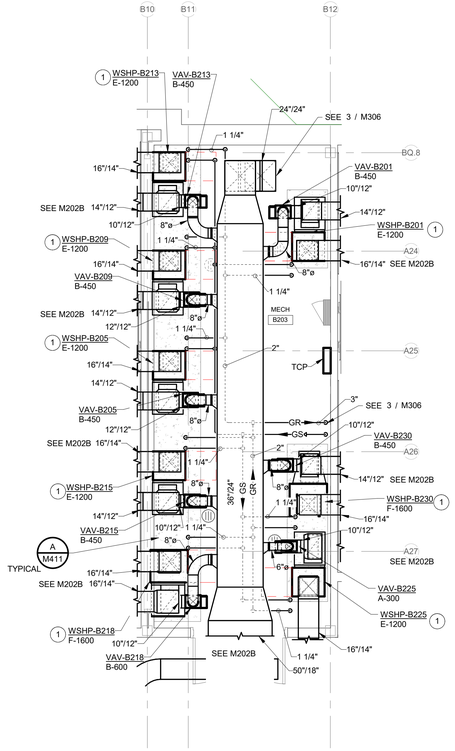
PROJECT NUMBER

2023061



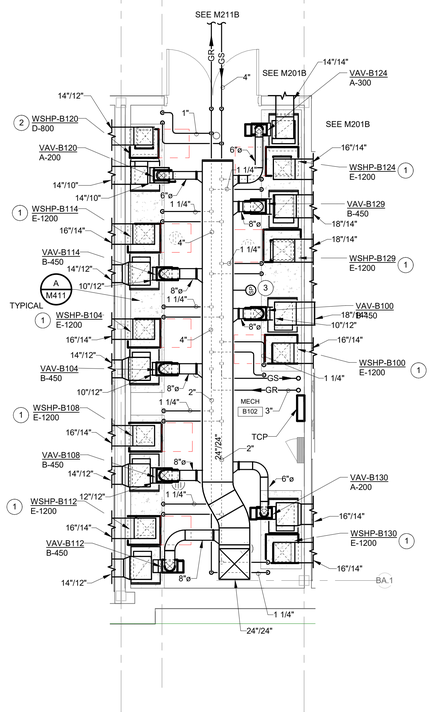
3 ENLARGED MECH B103 - MECHANICAL

SCALE: 1/4" = 1'-0"



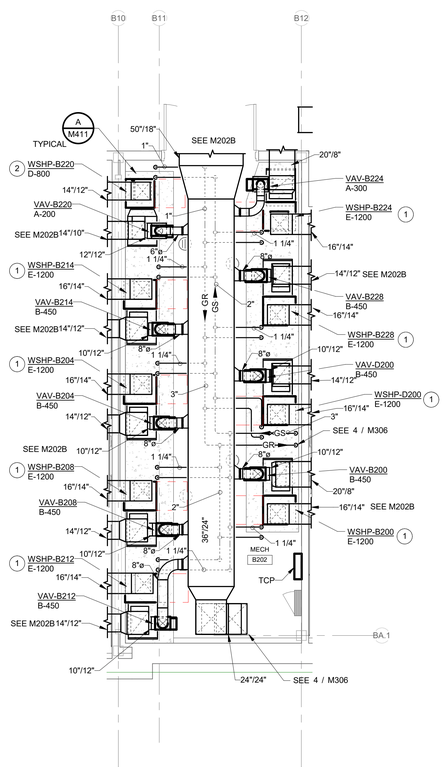
1 ENLARGED MECH B203 - MECHANICAL

SCALE: 1/4" = 1'-0"



4 ENLARGED MECH B102 - MECHANICAL

SCALE: 1/4" = 1'-0"



2 ENLARGED MECH B202 - MECHANICAL

SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. ALSO SEE SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

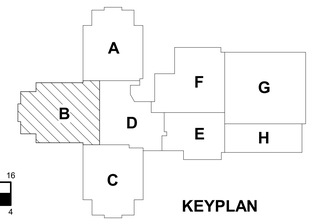
1. ROUTE 1" CONDENSATE DRAIN FROM WSHP TO NEAREST FLOOR DRAIN IN MECHANICAL ROOM.
2. ROUTE 3/4" CONDENSATE DRAIN FROM WSHP TO NEAREST FLOOR DRAIN IN MECHANICAL ROOM.
3. DUCT STATIC PRESSURE SENSOR.

- WSHP B MECHANICAL

TAG	WSHP TYPE	SPACE NAME	SPACE NUMBER	UNIT
WSHP-B100	E-1200	MECH	B102	B
WSHP-B104	E-1200	MECH	B102	B
WSHP-B108	E-1200	MECH	B102	B
WSHP-B112	E-1200	MECH	B102	B
WSHP-B114	E-1200	MECH	B102	B
WSHP-B120	D-800	MECH	B102	B
WSHP-B124	E-1200	MECH	B102	B
WSHP-B129	E-1200	MECH	B102	B
WSHP-B130	E-1200	MECH	B102	B
WSHP-B101	E-1200	MECH	B103	B
WSHP-B105	E-1200	MECH	B103	B
WSHP-B109	E-1200	MECH	B103	B
WSHP-B113	E-1200	MECH	B103	B
WSHP-B115	E-1200	MECH	B103	B
WSHP-B118	F-1600	MECH	B103	B
WSHP-B125	E-1200	MECH	B103	B
WSHP-B131	A-300	MECH	B103	B
WSHP-D112	C-600	MECH	B103	B
WSHP-B200	E-1200	MECH	B202	B
WSHP-B204	E-1200	MECH	B202	B
WSHP-B208	E-1200	MECH	B202	B
WSHP-B212	E-1200	MECH	B202	B
WSHP-B214	E-1200	MECH	B202	B
WSHP-B220	D-800	MECH	B202	B
WSHP-B224	E-1200	MECH	B202	B
WSHP-B228	E-1200	MECH	B202	B
WSHP-D200	E-1200	MECH	B202	B
WSHP-B201	E-1200	MECH	B203	B
WSHP-B205	E-1200	MECH	B203	B
WSHP-B209	E-1200	MECH	B203	B
WSHP-B213	E-1200	MECH	B203	B
WSHP-B215	E-1200	MECH	B203	B
WSHP-B218	F-1600	MECH	B203	B
WSHP-B225	E-1200	MECH	B203	B
WSHP-B230	F-1600	MECH	B203	B

- VAV B MECHANICAL

TAG	VAV SIZE - CFM	TYPE	SPACE NAME	SPACE NUMBER	UNIT
VAV-B100	B-450	VAV Size B (8)	MECH	B102	B
VAV-B104	B-450	VAV Size B (8)	MECH	B102	B
VAV-B108	B-450	VAV Size B (8)	MECH	B102	B
VAV-B112	B-450	VAV Size B (8)	MECH	B102	B
VAV-B114	B-450	VAV Size B (8)	MECH	B102	B
VAV-B120	A-200	VAV Size A (6)	MECH	B102	B
VAV-B124	A-300	VAV Size A (6)	MECH	B102	B
VAV-B129	B-450	VAV Size B (8)	MECH	B102	B
VAV-B130	A-200	VAV Size A (6)	MECH	B102	B
VAV-B101	B-450	VAV Size B (8)	MECH	B103	B
VAV-B105	B-450	VAV Size B (8)	MECH	B103	B
VAV-B109	B-450	VAV Size B (8)	MECH	B103	B
VAV-B113	B-450	VAV Size B (8)	MECH	B103	B
VAV-B115	B-450	VAV Size B (8)	MECH	B103	B
VAV-B118	B-600	VAV Size B (8)	MECH	B103	B
VAV-B125	A-300	VAV Size A (6)	MECH	B103	B
VAV-B131	A-100	VAV Size A (6)	MECH	B103	B
VAV-D112	A-200	VAV Size A (6)	MECH	B103	B
VAV-B200	B-450	VAV Size B (8)	MECH	B202	B
VAV-B204	B-450	VAV Size B (8)	MECH	B202	B
VAV-B208	B-450	VAV Size B (8)	MECH	B202	B
VAV-B212	B-450	VAV Size B (8)	MECH	B202	B
VAV-B214	B-450	VAV Size B (8)	MECH	B202	B
VAV-B220	A-200	VAV Size A (6)	MECH	B202	B
VAV-B224	A-300	VAV Size A (6)	MECH	B202	B
VAV-B228	B-450	VAV Size B (8)	MECH	B202	B
VAV-D200	B-450	VAV Size B (8)	MECH	B202	B
VAV-B201	B-450	VAV Size B (8)	MECH	B203	B
VAV-B205	B-450	VAV Size B (8)	MECH	B203	B
VAV-B209	B-450	VAV Size B (8)	MECH	B203	B
VAV-B213	B-450	VAV Size B (8)	MECH	B203	B
VAV-B215	B-450	VAV Size B (8)	MECH	B203	B
VAV-B218	B-600	VAV Size B (8)	MECH	B203	B
VAV-B225	A-300	VAV Size A (6)	MECH	B203	B
VAV-B230	B-450	VAV Size B (8)	MECH	B203	B



KEYPLAN

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Fax: (317) 639-8725

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. They are not intended to be construction documents. Describe all work required for full performance and completion of the requirements of the Contract.
The Contractor shall determine the exact scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	JCB	JCB

DRAWING TITLE:
UNIT B - ENLARGED MECHANICAL ROOMS - MECHANICAL

CERTIFIED BY:
Joseph Michael Cherry
REGISTERED
No. PE11703335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
M306

PROJECT NUMBER
2023061

- VAV C MECHANICAL					
TAG	VAV SIZE - CFM	TYPE	SPACE NAME	SPACE NUMBER	UNIT
VAV-C100	B-450	VAV Size B (8)	MECH	C102	C
VAV-C104	B-450	VAV Size B (8)	MECH	C102	C
VAV-C108	B-450	VAV Size B (8)	MECH	C102	C
VAV-C112	B-450	VAV Size B (8)	MECH	C102	C
VAV-C114	B-450	VAV Size B (8)	MECH	C102	C
VAV-C121	A-200	VAV Size A (6)	MECH	C102	C
VAV-C124	A-300	VAV Size A (6)	MECH	C102	C
VAV-C130	B-450	VAV Size B (8)	MECH	C102	C
VAV-D100	A-200	VAV Size A (6)	MECH	C102	C
VAV-D118	B-450	VAV Size B (8)	MECH	C102	C
VAV-C101	B-450	VAV Size B (8)	MECH	C103	C
VAV-C105	B-450	VAV Size B (8)	MECH	C103	C
VAV-C109	B-450	VAV Size B (8)	MECH	C103	C
VAV-C113	B-450	VAV Size B (8)	MECH	C103	C
VAV-C115	B-450	VAV Size B (8)	MECH	C103	C
VAV-C118	B-600	VAV Size B (8)	MECH	C103	C
VAV-C125	A-300	VAV Size A (6)	MECH	C103	C
VAV-C131	B-450	VAV Size B (8)	MECH	C103	C
VAV-D104	B-450	VAV Size B (8)	MECH	C103	C
VAV-C200	B-450	VAV Size B (8)	MECH	C202	C
VAV-C204	B-450	VAV Size B (8)	MECH	C202	C
VAV-C208	B-450	VAV Size B (8)	MECH	C202	C
VAV-C212	B-450	VAV Size B (8)	MECH	C202	C
VAV-C214	B-450	VAV Size B (8)	MECH	C202	C
VAV-C220	A-200	VAV Size A (6)	MECH	C202	C
VAV-C224	A-300	VAV Size A (6)	MECH	C202	C
VAV-D213	B-450	VAV Size B (8)	MECH	C202	C
VAV-D218	B-450	VAV Size B (8)	MECH	C202	C
VAV-D219	B-450	VAV Size B (8)	MECH	C202	C
VAV-C201	B-450	VAV Size B (8)	MECH	C203	C
VAV-C205	B-450	VAV Size B (8)	MECH	C203	C
VAV-C209	B-450	VAV Size B (8)	MECH	C203	C
VAV-C213	B-450	VAV Size B (8)	MECH	C203	C
VAV-C215	B-450	VAV Size B (8)	MECH	C203	C
VAV-C218	B-600	VAV Size B (8)	MECH	C203	C
VAV-C225	A-300	VAV Size A (6)	MECH	C203	C
VAV-C228	B-450	VAV Size B (8)	MECH	C203	C
VAV-D222	A-200	VAV Size A (6)	MECH	C203	C

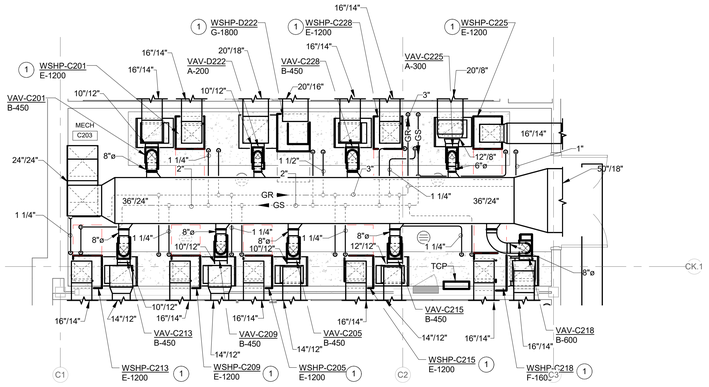
- WSHP C MECHANICAL				
TAG	WSHP TYPE	SPACE NAME	SPACE NUMBER	UNIT
WSHP-C100	E-1200	MECH	C102	C
WSHP-C104	E-1200	MECH	C102	C
WSHP-C108	E-1200	MECH	C102	C
WSHP-C112	E-1200	MECH	C102	C
WSHP-C114	E-1200	MECH	C102	C
WSHP-C120	D-800	MECH	C102	C
WSHP-C124	E-1200	MECH	C102	C
WSHP-C130	E-1200	MECH	C102	C
WSHP-D100	E-1200	MECH	C102	C
WSHP-D118	E-1200	MECH	C102	C
WSHP-C101	E-1200	MECH	C103	C
WSHP-C105	E-1200	MECH	C103	C
WSHP-C109	E-1200	MECH	C103	C
WSHP-C113	E-1200	MECH	C103	C
WSHP-C115	E-1200	MECH	C103	C
WSHP-C118	F-1600	MECH	C103	C
WSHP-C125	E-1200	MECH	C103	C
WSHP-C131	E-1200	MECH	C103	C
WSHP-D104	E-1200	MECH	C103	C
WSHP-C200	E-1200	MECH	C202	C
WSHP-C204	E-1200	MECH	C202	C
WSHP-C208	E-1200	MECH	C202	C
WSHP-C212	E-1200	MECH	C202	C
WSHP-C214	E-1200	MECH	C202	C
WSHP-C220	D-800	MECH	C202	C
WSHP-C224	E-1200	MECH	C202	C
WSHP-D213	E-1200	MECH	C202	C
WSHP-D218	E-1200	MECH	C202	C
WSHP-D219	E-1200	MECH	C202	C
WSHP-C201	E-1200	MECH	C203	C
WSHP-C205	E-1200	MECH	C203	C
WSHP-C209	E-1200	MECH	C203	C
WSHP-C213	E-1200	MECH	C203	C
WSHP-C215	E-1200	MECH	C203	C
WSHP-C218	F-1600	MECH	C203	C
WSHP-C225	E-1200	MECH	C203	C
WSHP-C228	E-1200	MECH	C203	C
WSHP-D222	G-1800	MECH	C203	C

GENERAL NOTES:

1. ALSO SEE SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

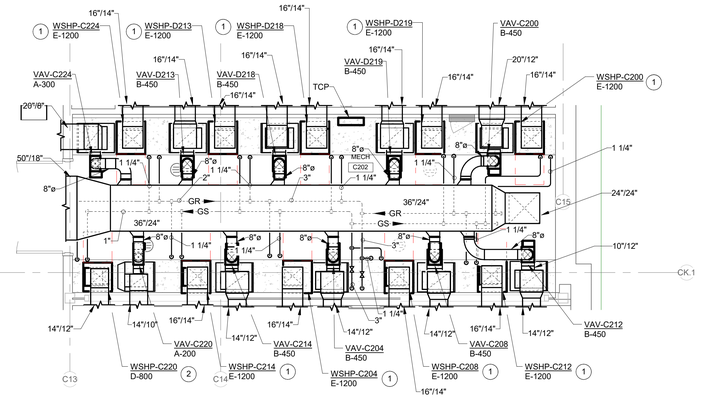
PLAN NOTES:

1. ROUTE 1" CONDENSATE DRAIN FROM WSHP TO NEAREST FLOOR DRAIN IN MECHANICAL ROOM.
2. ROUTE 3/4" CONDENSATE DRAIN FROM WSHP TO NEAREST FLOOR DRAIN IN MECHANICAL ROOM.
3. DUCT STATIC PRESSURE SENSOR.



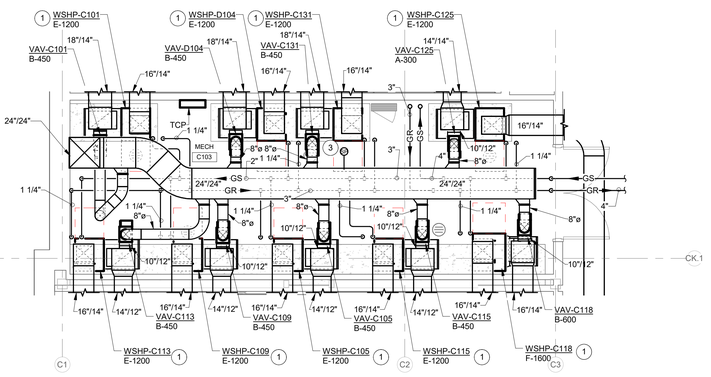
3 ENLARGED MECH C203 - MECHANICAL

SCALE: 1/4" = 1'-0"



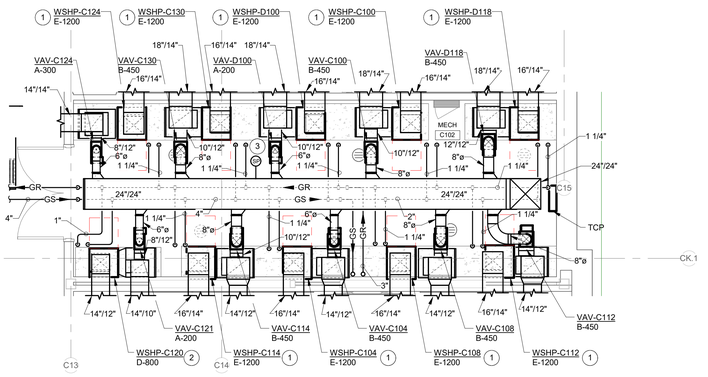
1 ENLARGED MECH C202 - MECHANICAL

SCALE: 1/4" = 1'-0"



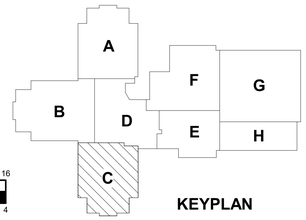
4 ENLARGED MECH C103 - MECHANICAL

SCALE: 1/4" = 1'-0"



2 ENLARGED MECH C102 - MECHANICAL

SCALE: 1/4" = 1'-0"



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Consulting Engineers
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Indianapolis, IN 46204
Phone: (317) 634-4572
Fax: (317) 639-8725

D&A# 23085

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the performance requirements of the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
The trade contractors shall furnish the scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	JCB	JCB

DRAWING TITLE:
UNIT C - ENLARGED MECHANICAL ROOMS - MECHANICAL

CERTIFIED BY:
Joseph Michael Cox
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
M307

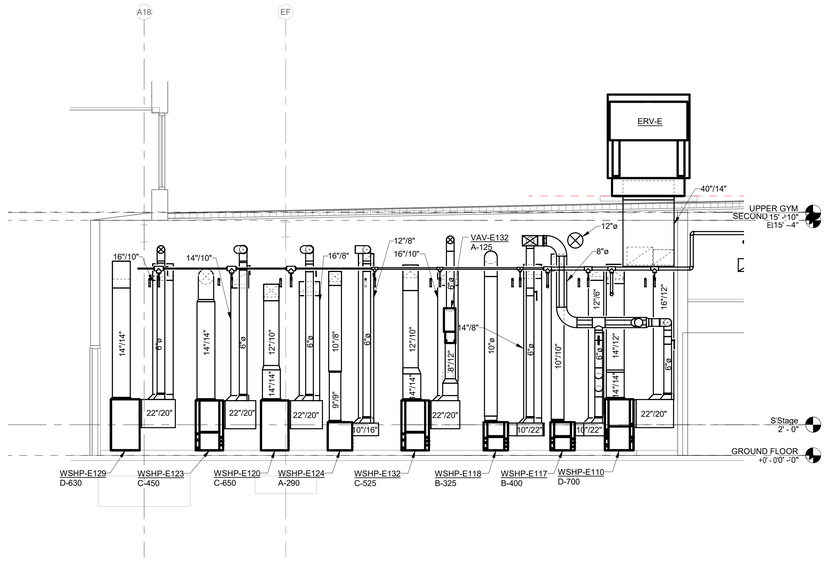
PROJECT NUMBER
2023061

GENERAL NOTES:

1. ALSO SEE SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

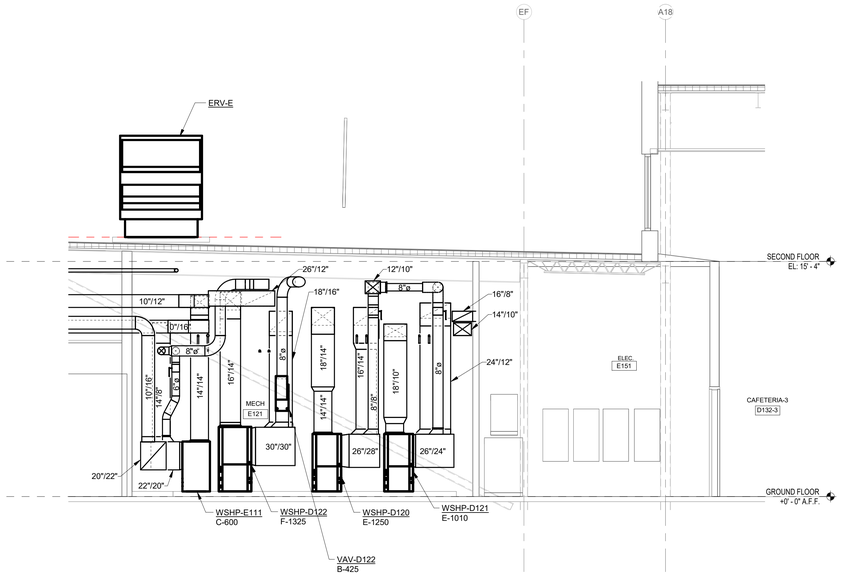
(#) PLAN NOTES:

1. --



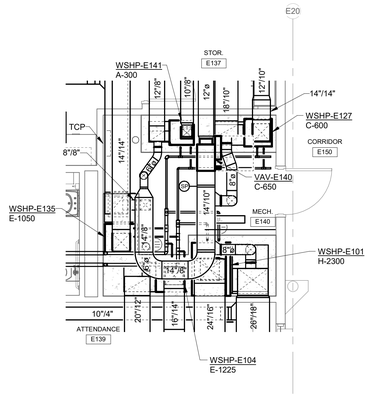
4 SECTION - MECHANICAL E121-2

SCALE: 1/4" = 1'-0"



5 SECTION - MECHANICAL E121 - 1

SCALE: 1/4" = 1'-0"



- WSHP E MECHANICAL				
TAG	WSHP TYPE	SPACE NAME	SPACE NUMBER	UNIT
WSHP-D119	C-600	MECH	E121	E
WSHP-D120	E-1250	MECH	E121	E
WSHP-D121	E-1010	MECH	E121	E
WSHP-D122	F-1325	MECH	E121	E
WSHP-E107	C-500	MECH	E121	E
WSHP-E109	C-475	MECH	E121	E
WSHP-E110	D-700	MECH	E121	E
WSHP-E111	C-600	MECH	E121	E
WSHP-E114	C-630	MECH	E121	E
WSHP-E117	B-400	MECH	E121	E
WSHP-E118	B-325	MECH	E121	E
WSHP-E120	C-650	MECH	E121	E
WSHP-E123	C-450	MECH	E121	E
WSHP-E124	A-290	MECH	E121	E
WSHP-E129	D-630	MECH	E121	E
WSHP-E132	C-525	MECH	E121	E

WSHP-E101	H-2300	MECH.	E140	E
WSHP-E104	E-1225	MECH.	E140	E
WSHP-E127	C-600	MECH.	E140	E
WSHP-E135	E-1050	MECH.	E140	E
WSHP-E141	A-300	MECH.	E140	E

3 ENLARGED MECH E140 - MECHANICAL

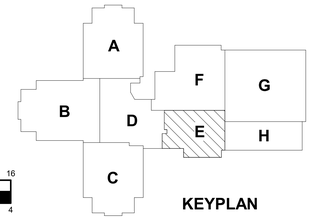
SCALE: 1/4" = 1'-0"

2 ENLARGED MECH E121 - LOWER

SCALE: 1/4" = 1'-0"

1 ENLARGED MECH E121 - UPPER

SCALE: 1/4" = 1'-0"



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D&A# 23085

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
The Trade Contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	WK	MJE

DRAWING TITLE:
UNIT E - ENLARGED MECHANICAL ROOMS - MECHANICAL

CERTIFIED BY:
Joseph Michael Cressy
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
M308

PROJECT NUMBER
2023061

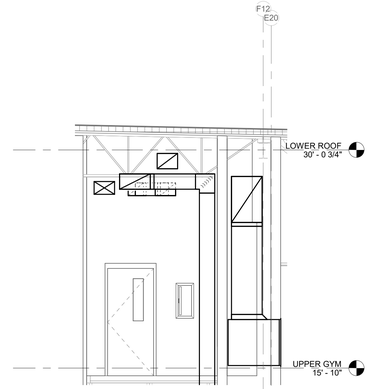
- WSHP F MECHANICAL				
TAG	WSHP TYPE	SPACE NAME	SPACE NUMBER	UNIT
WSHP-D132	N-9500	MEZZANINE	F202	F
WSHP-F124	L-7960	MEZZANINE	F202	F
WSHP-E150	K-3700	MEZZANINE	F202	F
WSHP-F116	J-3000	MEZZANINE	F202	F
WSHP-F206	D-780	MEZZANINE	F202	F
WSHP-F100	S-3070	MEZZANINE	F202	F
WSHP-F101	S-3200	MEZZANINE	F202	F
WSHP-F118	Q-1200	MEZZANINE	F202	F
WSHP-F112	A-300	MEZZANINE	F202	F
WSHP-F111	Q-1200	MEZZANINE	F202	F
WSHP-D132-1	K-3700	MEZZANINE	F202	F

GENERAL NOTES:

1. ALSO SEE SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

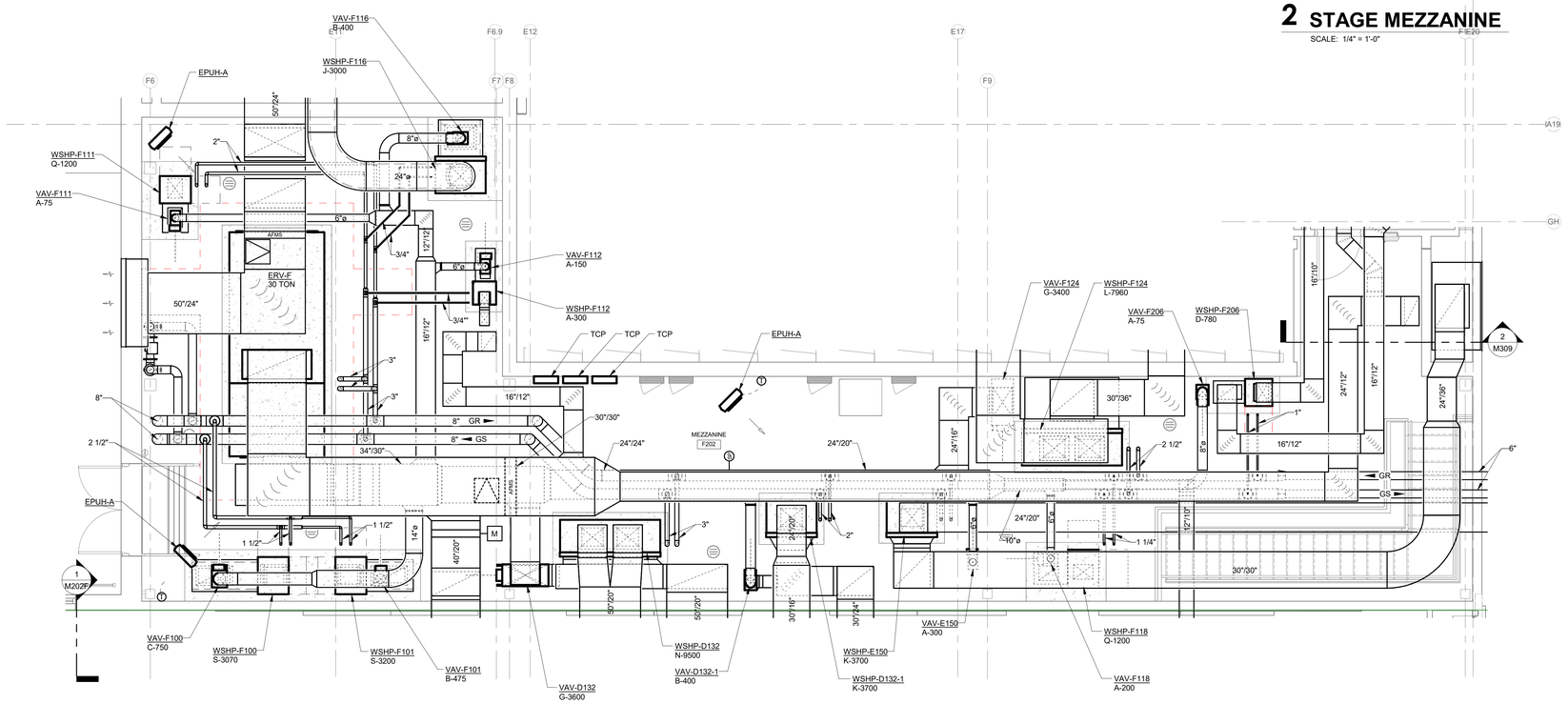
(#) PLAN NOTES:

1. --



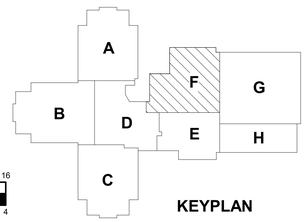
2 STAGE MEZZANINE

SCALE: 1/4" = 1'-0"



1 ENLARGED MECH MEZZANINE F202 - MECHANICAL

SCALE: 1/4" = 1'-0"



0 1 2 3 4 8 12 16

1 2 3 4

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	ACB	JMC

DRAWING TITLE:
UNIT F - ENLARGED MECHANICAL ROOMS - MECHANICAL

CERTIFIED BY:
Joseph Michael Cherry
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
M309

PROJECT NUMBER
2023061

- WSHP G MECHANICAL

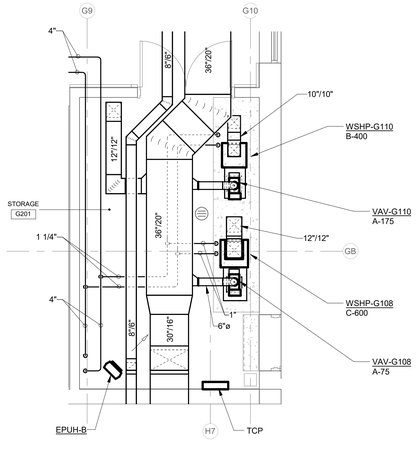
TAG	WSHP TYPE	SPACE NAME	SPACE NUMBER	UNIT
WSHP-G103	D-850	MECH.	G104	G
WSHP-G113	D-800	MECH.	G104	G
WSHP-G111	C-500	MECH.	G104	G
WSHP-G110	B-400	STORAGE	G201	G
WSHP-G108	C-600	STORAGE	G201	G
WSHP-G102	N-9600	MECHANICAL	G202	G
WSHP-G200	L-5760	MECHANICAL	G202	G
WSHP-G203	K-3980	MECHANICAL	G202	G
WSHP-G122	Q-900	MECHANICAL	G202	G
WSHP-G124	P-800	MECHANICAL	G202	G
WSHP-G119	Q-900	MECHANICAL	G202	G
WSHP-G100	N-9520	MECHANICAL	G202	G
WSHP-G127	R-1480	MECH.	G205	G
WSHP-G128	Q-1120	MECH.	G205	G
WSHP-G126	Q-1120	MECH.	G205	G

GENERAL NOTES:

1. SEE SHEET PM001, M201A, AND M211A FOR ADDITIONAL GENERAL NOTES.

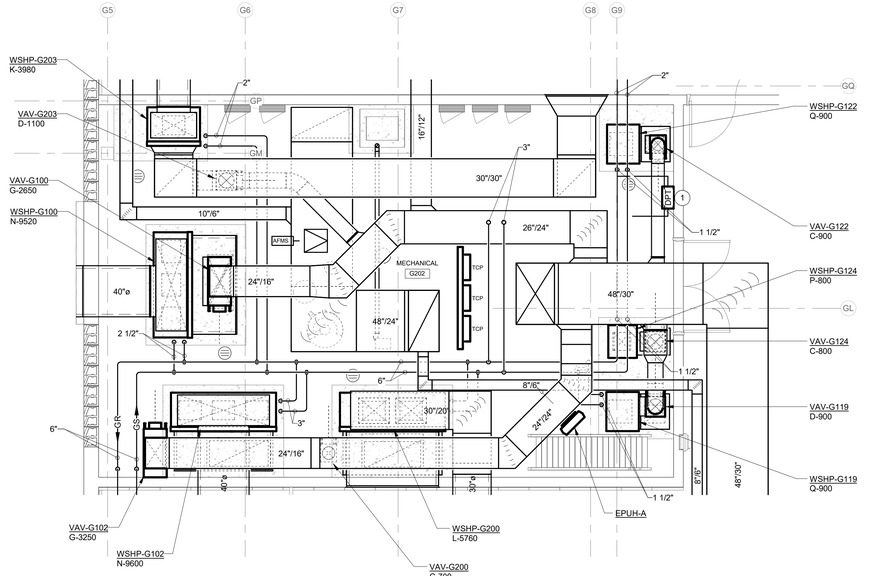
(#) PLAN NOTES:

1. INSTALL DPT IN GS & GSR PIPING ALONG WALL



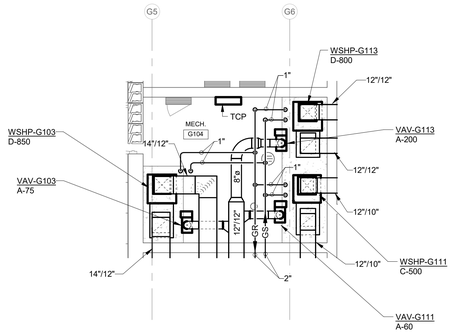
3 ENLARGED STORAGE G201 - MECHANICAL

SCALE: 1/4" = 1'-0"



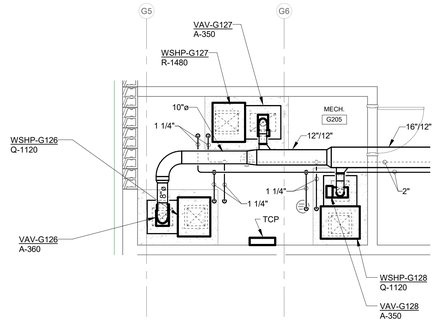
1 ENLARGED MECH G202 - MECHANICAL

SCALE: 1/4" = 1'-0"



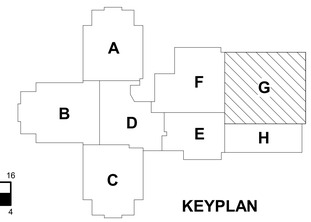
4 ENLARGED MECH G104 - MECHANICAL

SCALE: 1/4" = 1'-0"



2 ENLARGED MECH G205 - MECHANICAL

SCALE: 1/4" = 1'-0"



KEYPLAN

0 1 2 3 4 8 12 16

1 2 3 4

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D&A# 23085

PROJECT:

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17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	ACB	JMC

DRAWING TITLE:

UNIT G - ENLARGED MECHANICAL ROOMS - MECHANICAL

CERTIFIED BY:

Jason Michael Combs
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

M310

PROJECT NUMBER

2023061

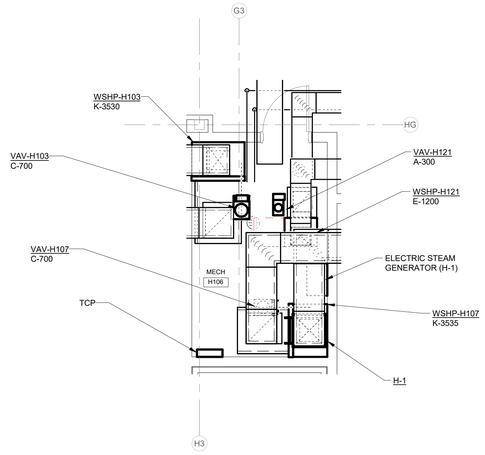
GENERAL NOTES:

1. ALSO SEE SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

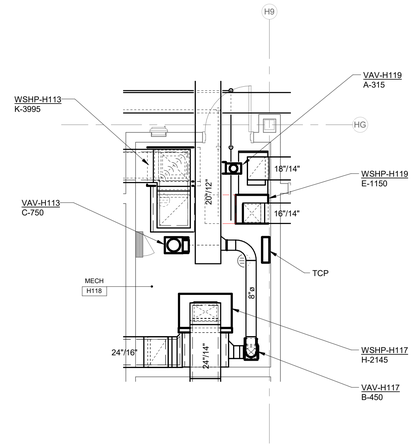
1. --

- WSHP H MECHANICAL				
TAG	WSHP TYPE	SPACE NAME	SPACE NUMBER	UNIT
WSHP-H103	K-3530	MECH	H106	H
WSHP-H107	K-3535	MECH	H106	H
WSHP-H121	E-1200	MECH	H106	H
WSHP-H119	E-1150	MECH	H118	H
WSHP-H113	K-3995	MECH	H118	H
WSHP-H117	H-2145	MECH	H118	H



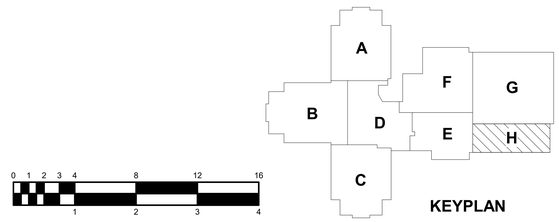
2 ENLARGED MECH H106 - MECHANICAL

SCALE: 1/4" = 1'-0"



1 ENLARGED MECH H116 - MECHANICAL

SCALE: 1/4" = 1'-0"



KEYPLAN

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PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	ACB	JMC

DRAWING TITLE:

UNIT H - ENLARGED MECHANICAL ROOMS - MECHANICAL

CERTIFIED BY:

Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

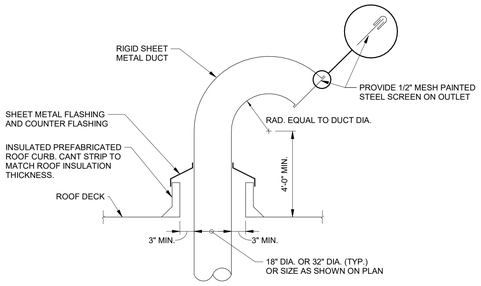
8/09/2024

DRAWING NUMBER

M311

PROJECT NUMBER

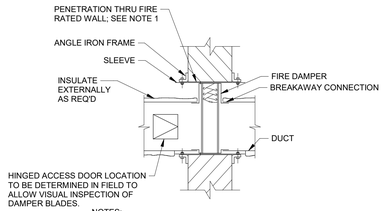
2023061



NOTE:
PAINT ALL EXPOSED SHEET METAL.

H TYPICAL EXHAUST DUCT TERMINATION THRU ROOF

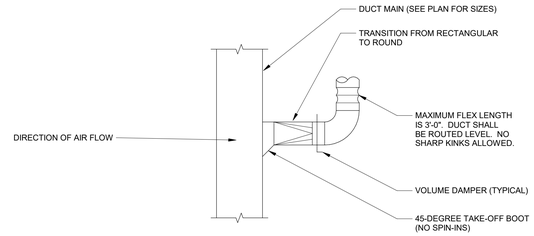
SCALE: NONE



NOTES:
1. MAKE OPENING LARGER THAN DAMPER DIMENSIONS AS DETAILED BY MANUFACTURER.
2. FOR SLEEVE GAUGE SEE SPECS.
3. DAMPER CONSTRUCTED AND TESTED PER UL 555, UL LABELED, DYNAMIC RATED, AND 1-1/2 HOUR FIRE RATING W/ 165° FUSIBLE LINK.
4. SEAL BETWEEN WALL AND SLEEVE WITH APPROVED FIRE STOP MATERIAL
5. PROVIDE MARKERS ON CEILING TO INDICATE FIRE DAMPER LOCATIONS.

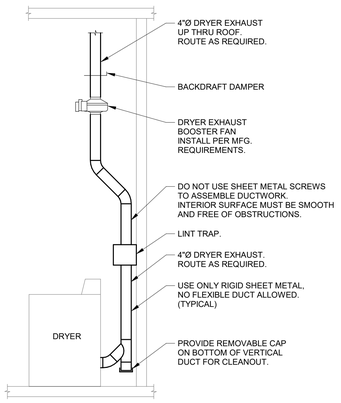
E CURTAIN FIRE DAMPER

SCALE: NONE



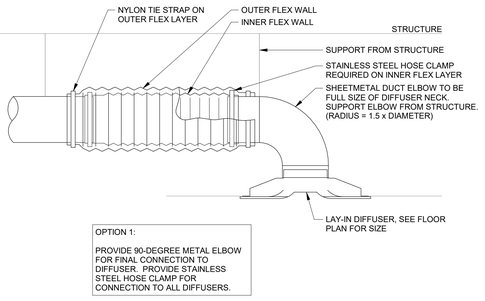
A BRANCH DUCT TAKE-OFF FROM MAIN DUCT

SCALE: NONE



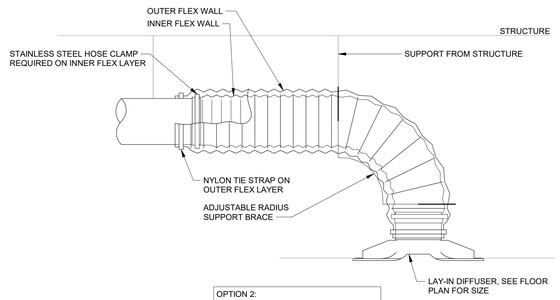
J DRYER EXHAUST DUCT INSTALLATION

SCALE: NONE



OPTION 1:

PROVIDE 90-DEGREE METAL ELBOW FOR FINAL CONNECTION TO DIFFUSER. PROVIDE STAINLESS STEEL HOSE CLAMP FOR CONNECTION TO ALL DIFFUSERS.

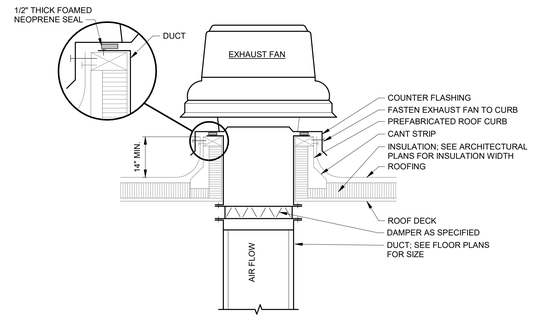


OPTION 2:

PROVIDE ONE PIECE, FULLY ADJUSTABLE BRACE; LIKE TITUS FLEXRIGHT OR THERMAFLEX FLEX FLOW ELBOW FOR CONNECTION TO ALL DIFFUSERS.

F CONNECTION TO DIFFUSER

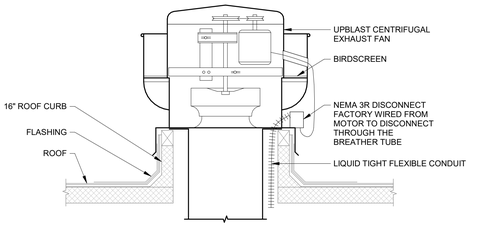
SCALE: NONE



NOTES:
1. ROOF CURB TO BE ANCHORED TO ROOF STRUCTURE.
2. USE CANT STRIP FOR BUILT UP ROOF.
3. CURB TO ACCOMMODATE SLOPED ROOF.
4. INSTALL INTERNALLY LINED DUCTWORK TO A POINT 10-FOOT FROM FAN INLET.

B CENTRIFUGAL ROOF EXHAUST FAN

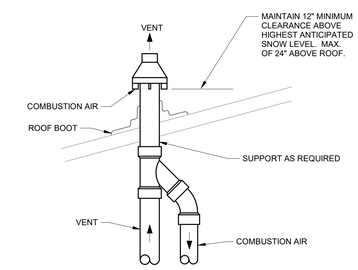
SCALE: NONE



NOTES:
1. SEE FLOOR OR ROOF PLAN FOR ROOF OPENING SIZE.
2. CONTRACTOR TO COORDINATE ROOF OPENING SIZES AND LOCATIONS WITH GENERAL CONTRACTOR.
3. ANCHOR ROOF CURB TO ROOF STRUCTURE.

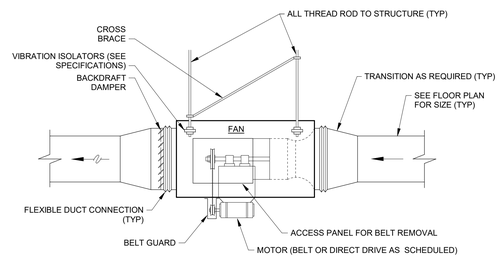
C UPBLAST EXHAUST FAN

SCALE: NONE



G CONCENTRIC VENT THRU ROOF

SCALE: NONE



NOTE:
FAN TO BE INTERNALLY INSULATED BY MANUFACTURER FOR SOUND ATTENUATION OR WRAPPED WITH INSULATION.

D CENTRIFUGAL IN-LINE FAN

SCALE: NONE

CSO Architects
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Indianapolis, IN 46204
Phone: (317) 636-4772
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BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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The Trade Contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

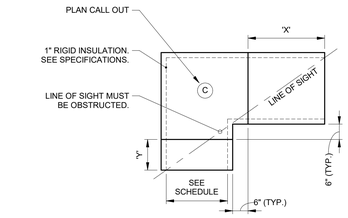
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	JMC	JMC

DRAWING TITLE:
DETAILS - AIR DISTRIBUTION

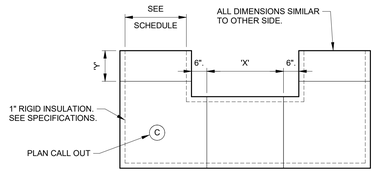
CERTIFIED BY:
Joseph Michael Cherry
REGISTERED
No. PE11700335
STATE OF
INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
M401

PROJECT NUMBER
2023061



'L'-SHAPED - PLAN VIEW



'U'-SHAPED - PLAN VIEW

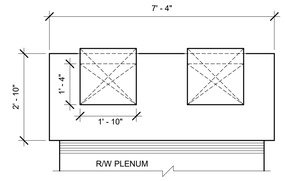
TRANSFER DUCT SCHEDULE				
PLAN CALL OUT	TRANSFER DUCT SIZE	CFM RANGE	'X' DIMENSION	'Y' DIMENSION
A	10" X 10"	0 - 200	12"	0"
B	16" X 10"	205 - 325	12"	0"
C	18" X 12"	330 - 500	18"	0"
D	26" X 14"	505 - 800	24"	6"
E	28" X 16"	805 - 1000	24"	12"
F	30" X 18"	1005 - 1250	30"	12"
G	40" X 18"	1255 - 1500	36"	18"

REMARKS:

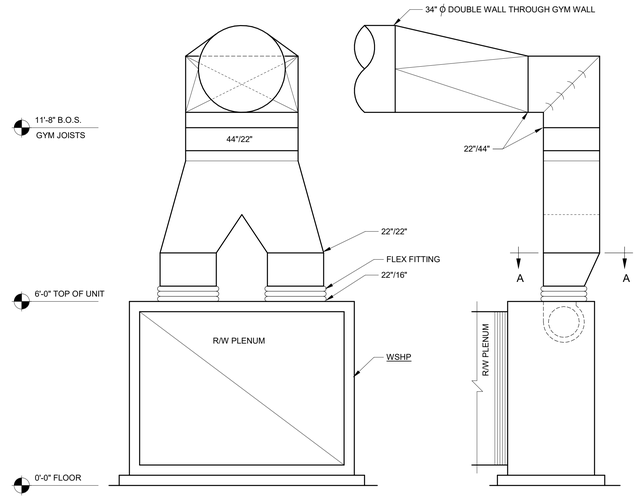
1. SEE PLANS FOR SHAPE AND ORIENTATION OF TRANSFER DUCT.
2. 'X' AND 'Y' DIMENSIONS SHOWN ARE MINIMUMS TO NULLIFY ANY 'LINE OF SIGHT' THROUGH THE TRANSFER DUCT. ACTUAL FIELD DIMENSIONS MAY VARY BASED ON APPLICATION, WALL THICKNESS, ORIENTATION, ETC. FIELD VERIFY CONDITIONS PRIOR TO FABRICATION.
3. 'TRANSFER DUCT SIZE' LISTED IN THE SCHEDULE ARE THE INTERNAL FREE AREA DIMENSIONS.

C RETURN AIR TRANSFER DUCT DETAIL

SCALE: NONE



SECTION A-A

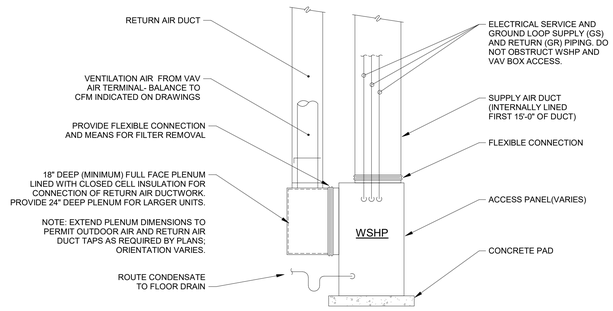


FRONT VIEW SIDE VIEW

NOTE: VERIFY CONNECTION SIZES AT EQUIPMENT AND EQUIPMENT DIMENSIONS

A WSHP INSTALLATION VERTICAL

SCALE: NONE



SIMILAR FOR ALL HORIZONTAL INSTALLATIONS.

B WATER SOURCE HEAT PUMP INSTALLATION VERTICAL

SCALE: NONE

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D&A# 23085

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. The drawings and specifications are intended to describe all work required for full performance and completion of the requirements of the Contract.
Any work not specifically mentioned scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

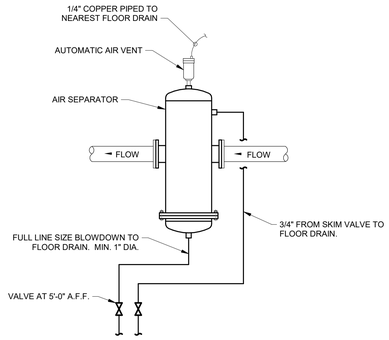
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	JMC	JMC

DRAWING TITLE:
DETAILS - AIR DISTRIBUTION

CERTIFIED BY:
Joseph Michael Cherpak
REGISTERED
No. PE11700335
STATE OF
INDIANA
PROFESSIONAL ENGINEER
8/09/2024

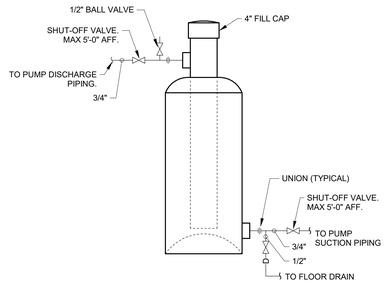
DRAWING NUMBER
M402

PROJECT NUMBER
2023061



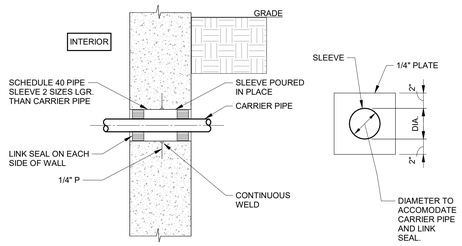
J TYPICAL AIR / DIRT SEPARATOR

SCALE: NONE



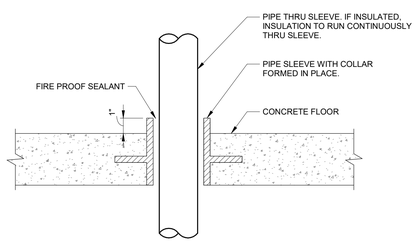
K FILTER FEEDER PIPING SCHEMATIC

SCALE: NONE



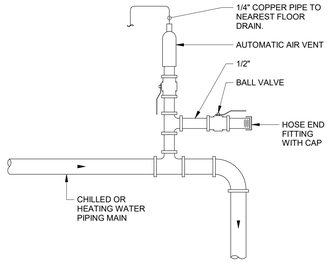
L PIPE THRU NEW CONCRETE WALL

SCALE: NONE



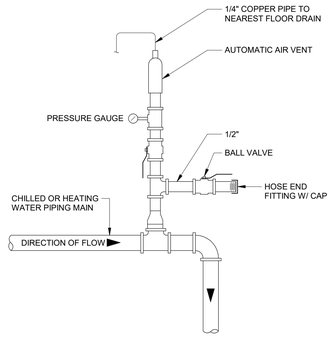
M PIPE THRU NEW FLOOR

SCALE: NONE



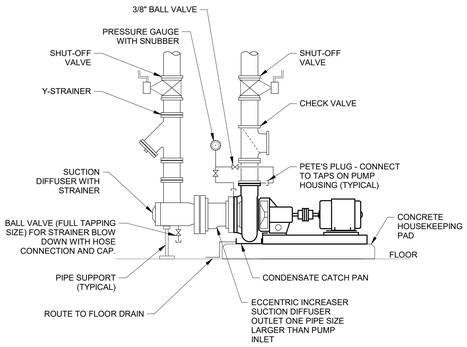
E AUTOMATIC AIR VENT PIPING

SCALE: NONE



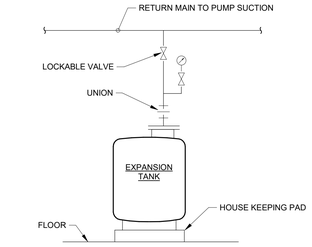
F AUTOMATIC AIR VENT PIPING

SCALE: NONE



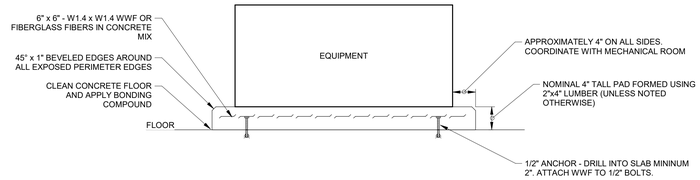
G FRAME MOUNTED END SUCTION PUMP WITH SUCTION DIFFUSER

SCALE: NONE



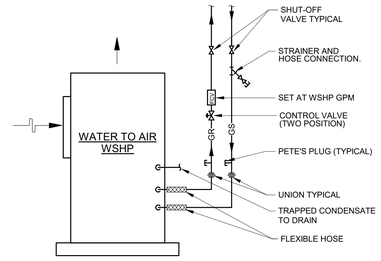
H EXPANSION TANK PIPING

SCALE: NONE



A TYPICAL HOUSE KEEPING PAD

SCALE: NONE

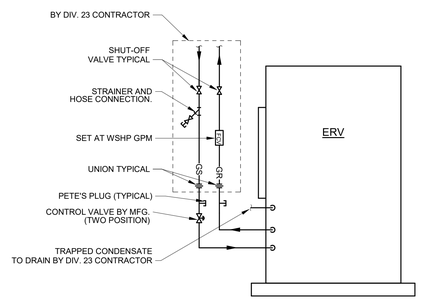


NOTES:

1. INSTALL HEAT PUMPS ON CONCRETE PAD WITH NEOPRENE ISOLATORS.
2. PROVIDE TRAPPED CONDENSATE WITH FLEX CONNECTION AND CONNECT TO NEAREST DRAIN OR CONDENSATE PIPING AS NOTED.
3. INSTALL PIPING SUCH THAT ACCESS FOR MAINTENANCE IS MAINTAINED.

B WATER SOURCE HEAT PUMP PIPING

SCALE: NONE

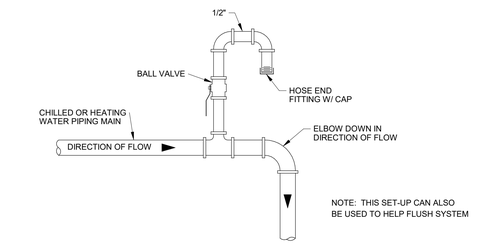


NOTES:

1. PROVIDE TRAPPED CONDENSATE WITH FLEX CONNECTION AND CONNECT TO NEAREST DRAIN OR CONDENSATE PIPING AS NOTED.
2. INSTALL PIPING SUCH THAT ACCESS FOR MAINTENANCE IS MAINTAINED.

C ERV WATER SOURCE HEAT PUMP PIPING

SCALE: NONE



D MANUAL AIR VENT PIPING

SCALE: NONE

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732 North Capitol Avenue
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Phone: (317) 634-4672
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

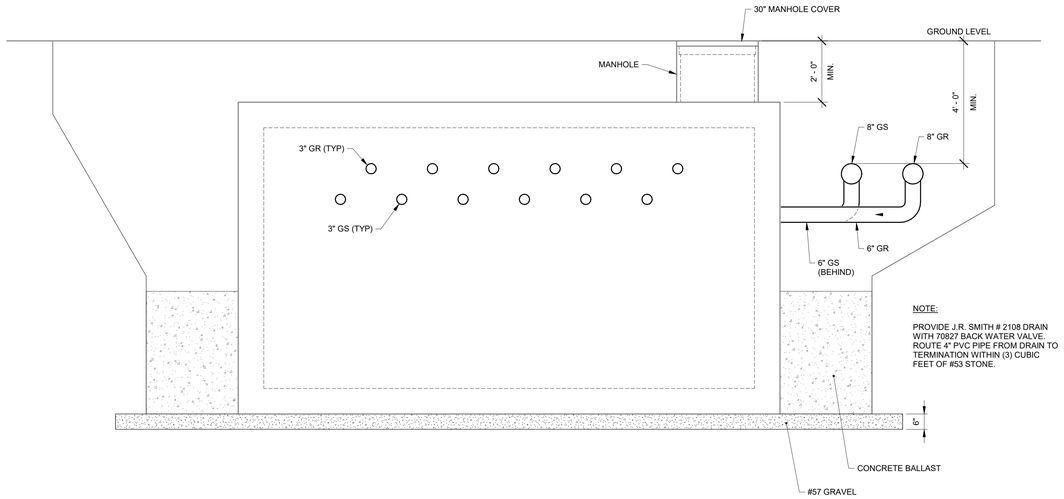
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	JMC	JMC

DRAWING TITLE:
DETAILS - HYDRONICS

CERTIFIED BY:
JASON MICHAEL CHRISTIE
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
M411

PROJECT NUMBER
2023061

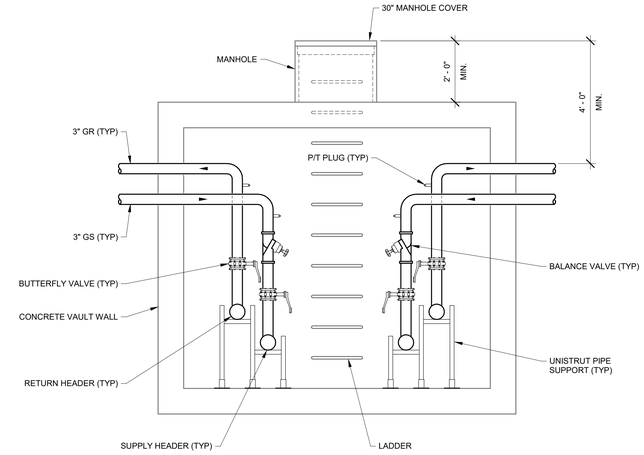


NOTE:

PROVIDE J.R. SMITH # 2108 DRAIN WITH 70827 BACK WATER VALVE. ROUTE 4" PVC PIPE FROM DRAIN TO TERMINATION WITHIN (3) CUBIC FEET OF #53 STONE.

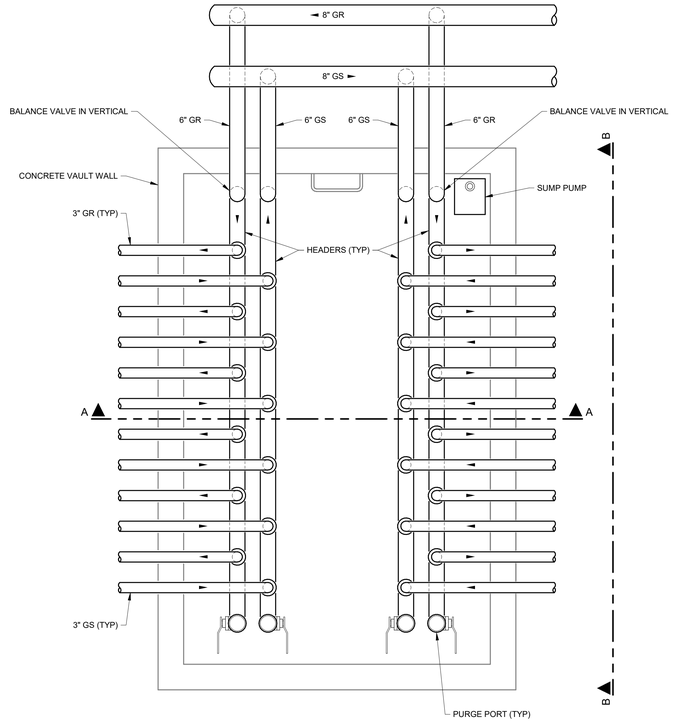
F CROSS SECTION VIEW B-B

SCALE: NONE



E CROSS SECTION VIEW A-A

SCALE: NONE



D UNDERGROUND GS & GR VALVE VAULT - PLAN VIEW

SCALE: NONE

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Phone: (317) 634-4672
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D&A# 23085

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	JMC	JMC

DRAWING TITLE:

DETAILS - VALVE VAULTS

CERTIFIED BY:

Joseph Michael Chrapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER

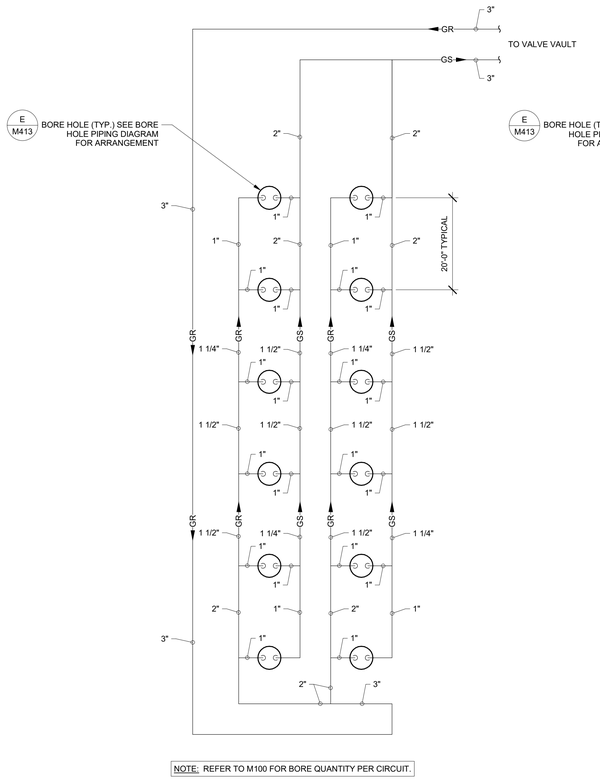
8/09/2024

DRAWING NUMBER

M412

PROJECT NUMBER

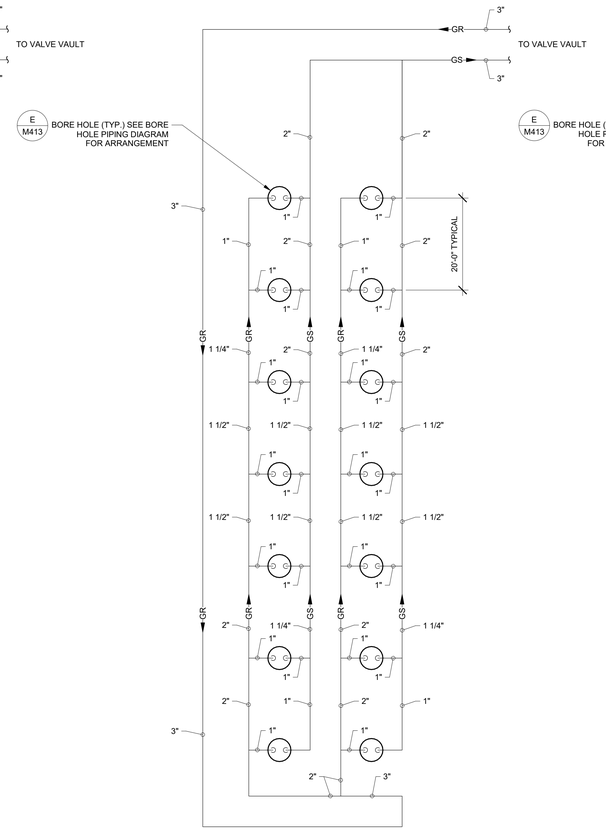
2023061



NOTE: REFER TO M100 FOR BORE QUANTITY PER CIRCUIT.

D TYPICAL 12-WELL CIRCUIT PIPING SCHEMATIC

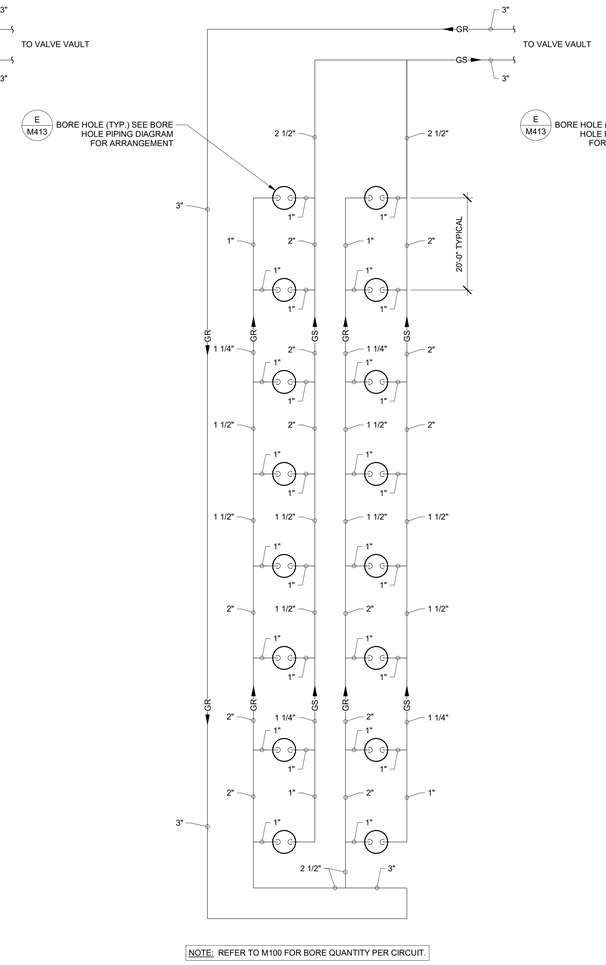
SCALE: NONE



NOTE: REFER TO M100 FOR BORE QUANTITY PER CIRCUIT.

C TYPICAL 14-WELL CIRCUIT PIPING SCHEMATIC

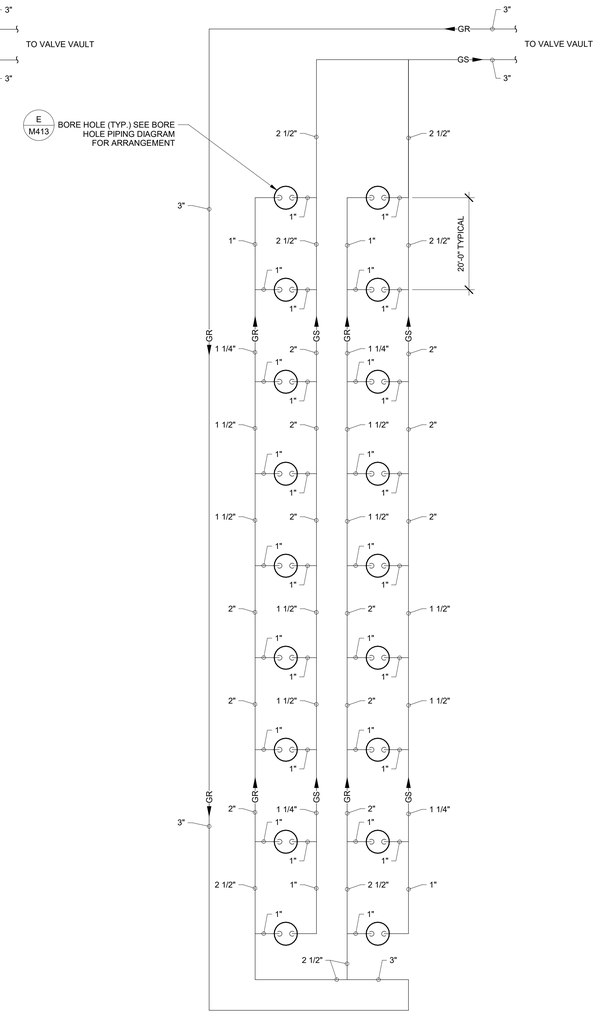
SCALE: NONE



NOTE: REFER TO M100 FOR BORE QUANTITY PER CIRCUIT.

B TYPICAL 16-WELL CIRCUIT PIPING SCHEMATIC

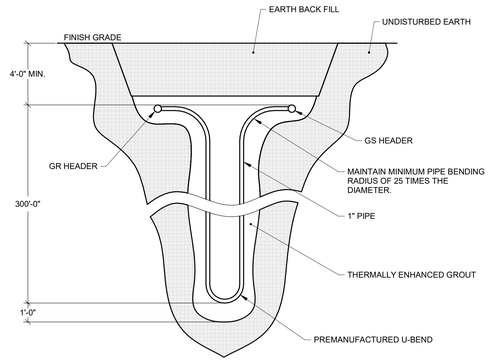
SCALE: NONE



NOTE: REFER TO M100 FOR BORE QUANTITY PER CIRCUIT.

A TYPICAL 18-WELL CIRCUIT PIPING SCHEMATIC

SCALE: NONE



E BORE HOLE PIPING DIAGRAM

SCALE: NONE

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

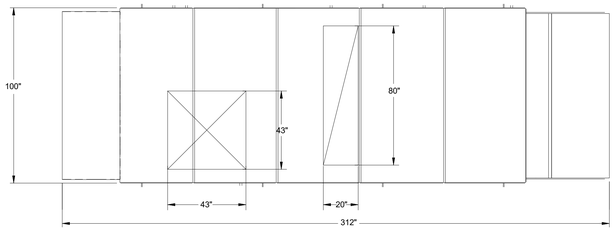
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	JMC	JMC

DRAWING TITLE:
DETAILS - WELL FIELD

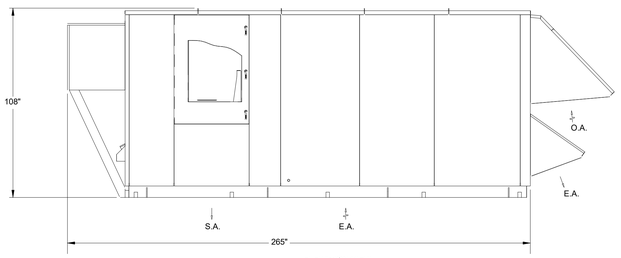
CERTIFIED BY:
Joseph Michael Chiodo
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
M413

PROJECT NUMBER
2023061



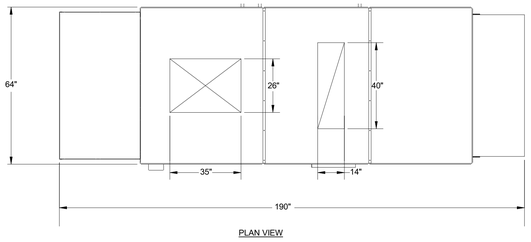
PLAN VIEW



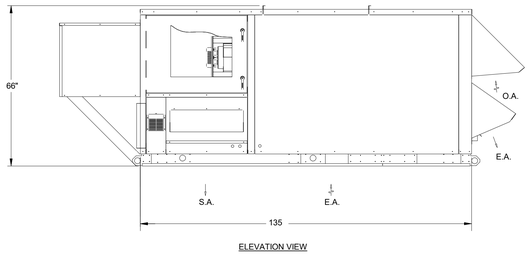
ELEVATION VIEW

E ERV-G PROFILE

SCALE: NONE



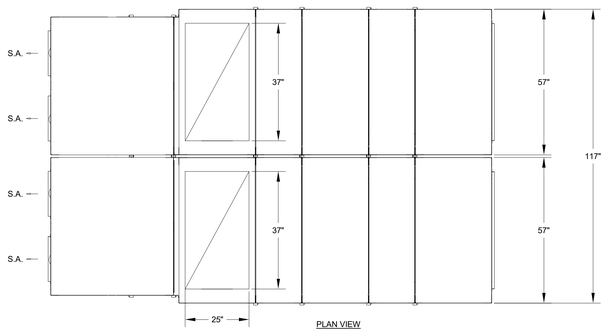
PLAN VIEW



ELEVATION VIEW

C ERV-E PROFILE

SCALE: NONE



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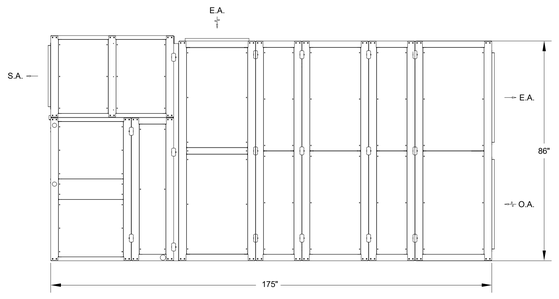
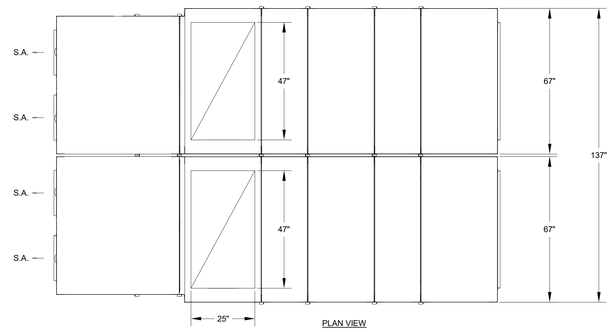


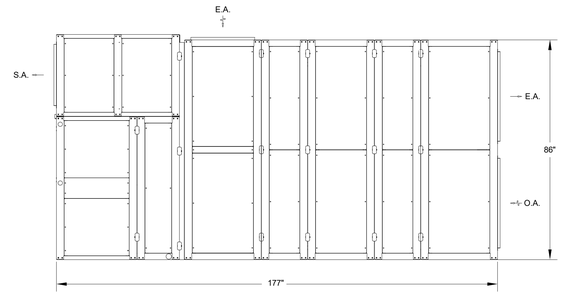
ELEVATION VIEW

D ERV-F PROFILE

SCALE: NONE



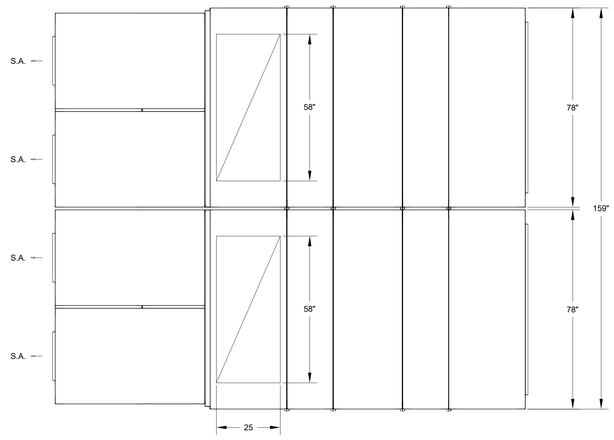
PLAN VIEW



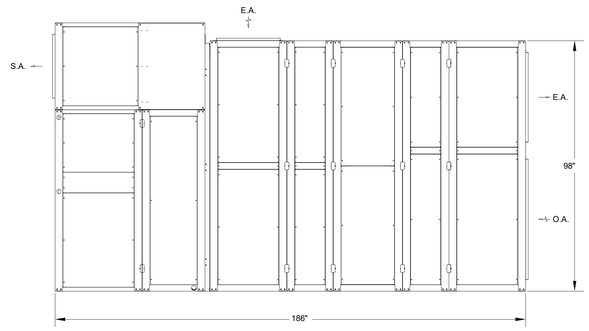
ELEVATION VIEW

A ERV-A & B PROFILE

SCALE: NONE



PLAN VIEW



ELEVATION VIEW

B ERV-C PROFILE

SCALE: NONE

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Phone: (317) 634-4477
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

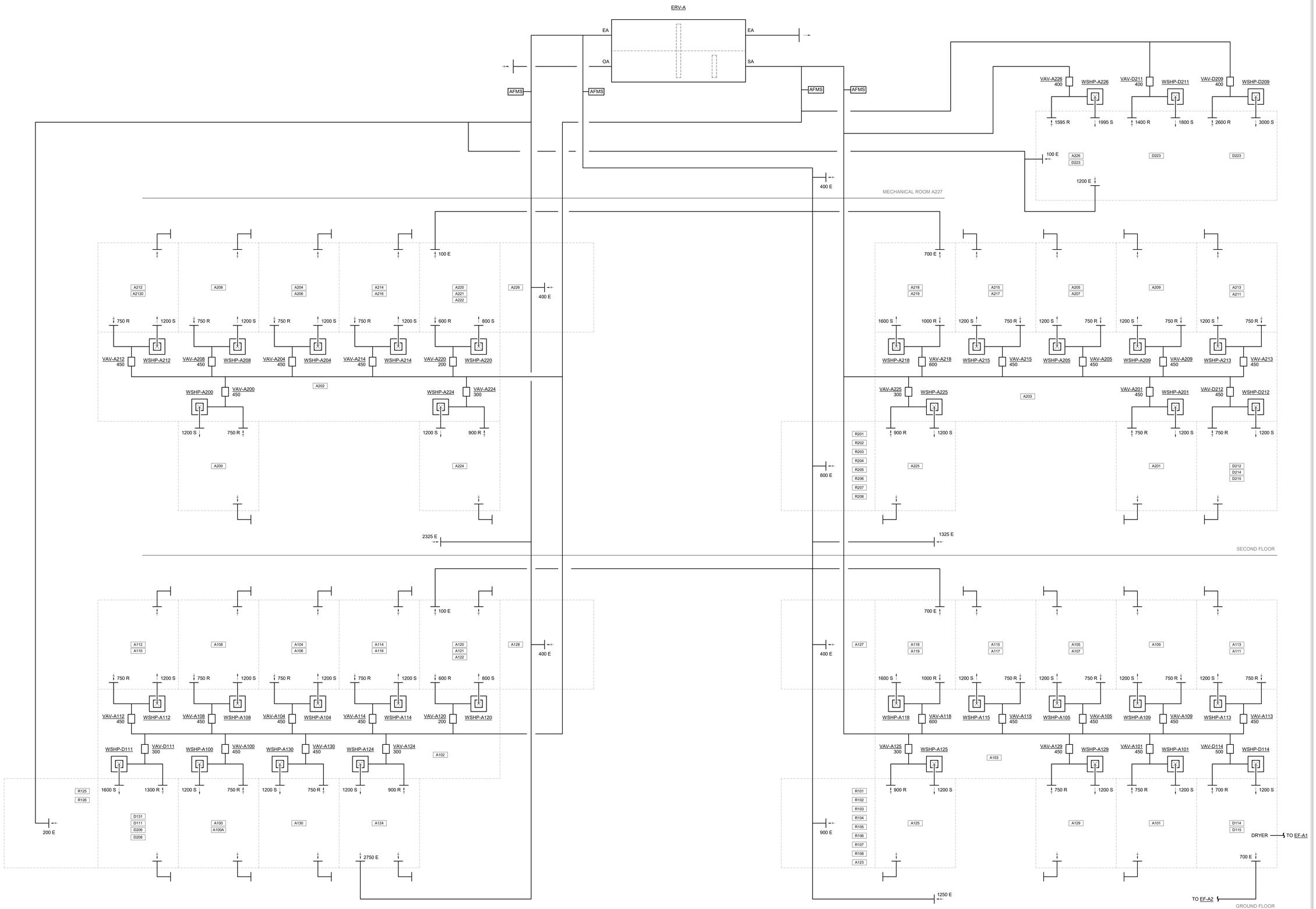
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	JMC	JMC

DRAWING TITLE:
ERV PROFILES - MECHANICAL

CERTIFIED BY:
Joseph Michael Cherry
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
M415

PROJECT NUMBER
2023061



ERV-A AIRFLOW SCHEMATIC

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D&A# 23085

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
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REVISIONS:

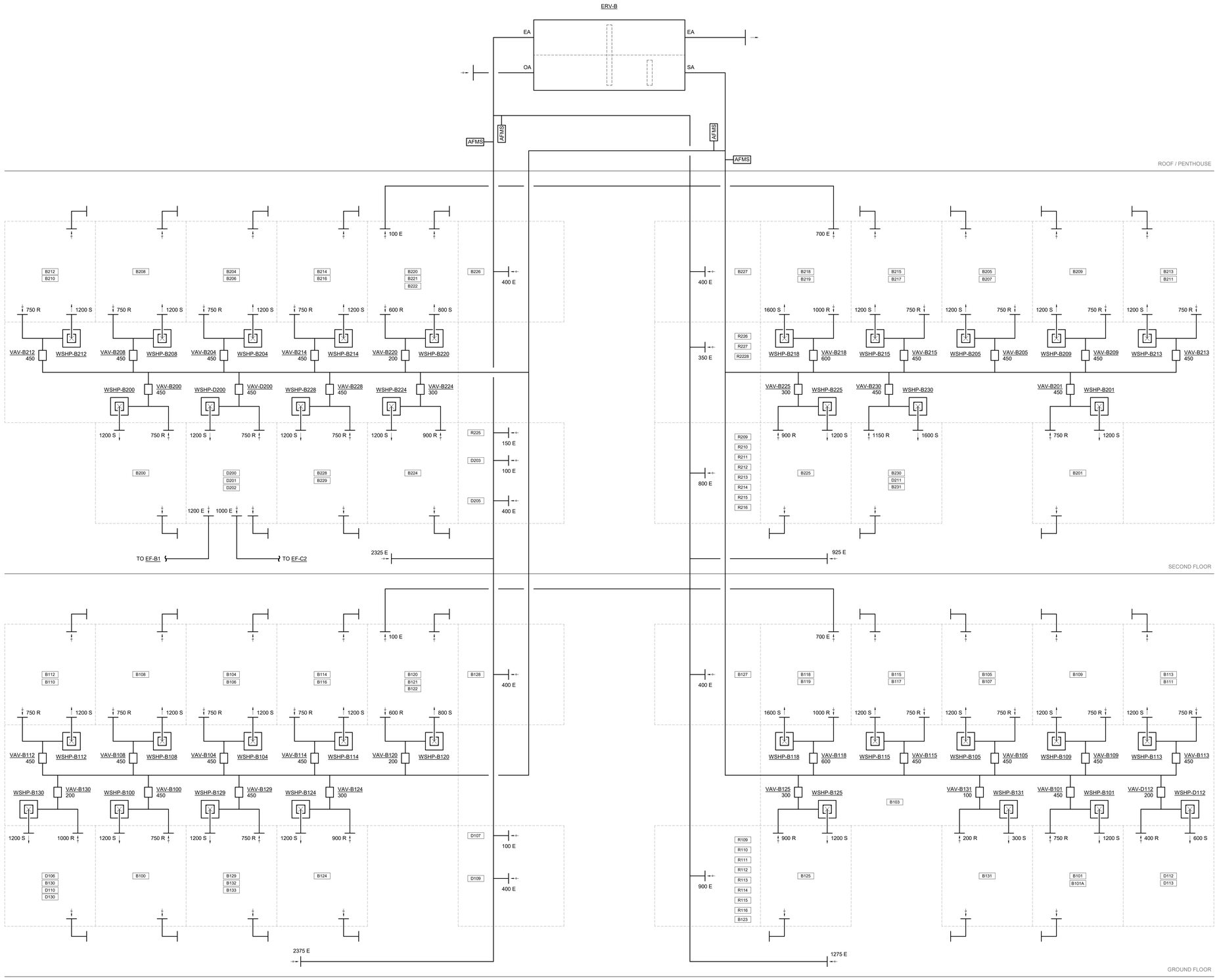
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	JCB	JMC

DRAWING TITLE:
SCHEMATICS - ERV-A - AIR DISTRIBUTION

CERTIFIED BY:
Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
M501

PROJECT NUMBER
2023061



ERV-B AIRFLOW SCHEMATIC

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PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

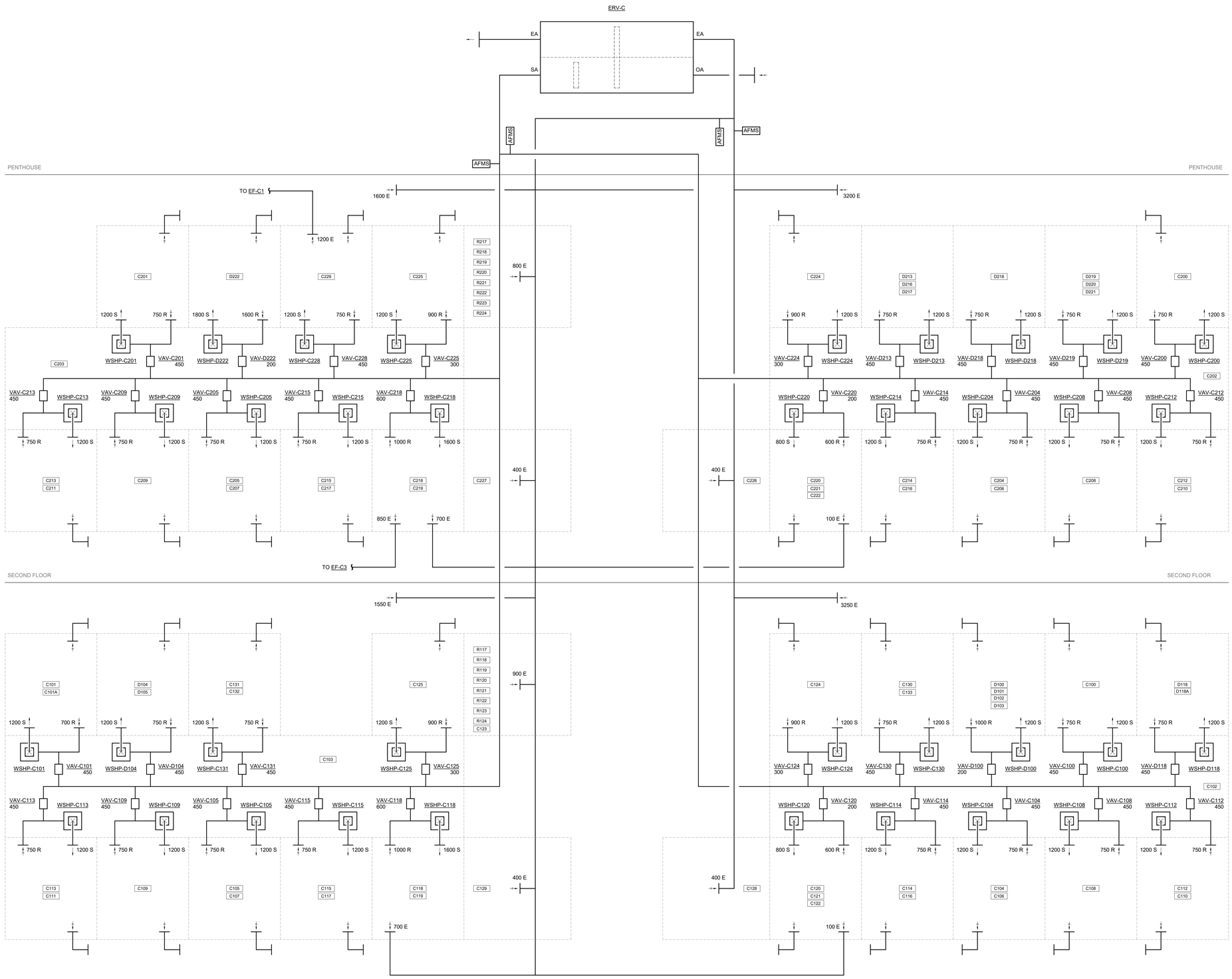
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	JCB	JMC

DRAWING TITLE:
SCHEMATICS - ERV-B - AIR DISTRIBUTION

CERTIFIED BY:
Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
M502

PROJECT NUMBER
2023061



ERV-C AIRFLOW SCHEMATIC

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PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

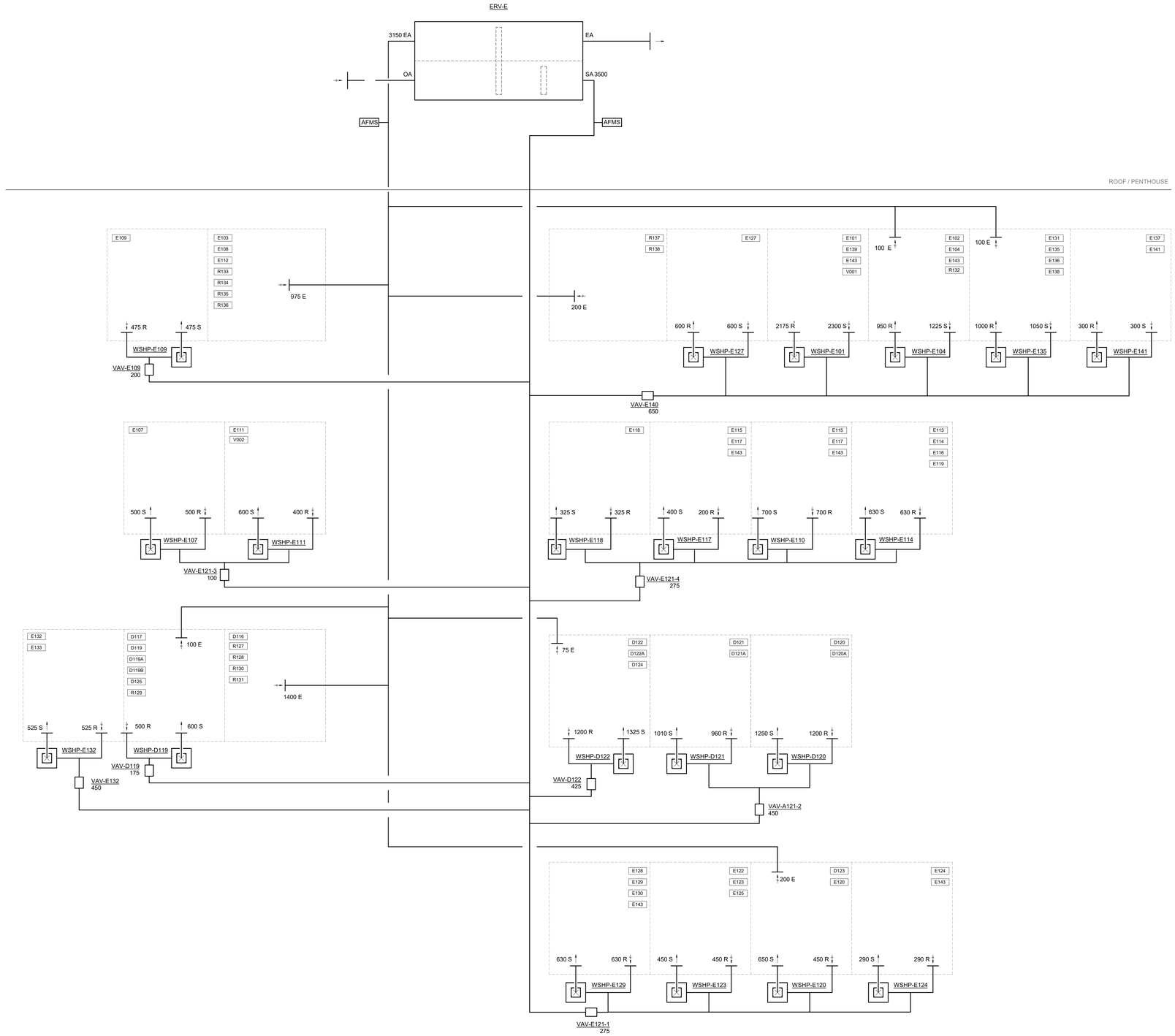
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	JCB	JMC

DRAWING TITLE:
SCHEMATICS - ERV-C - AIR DISTRIBUTION

CERTIFIED BY:
Joseph Michael Chapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
M503

PROJECT NUMBER
2023061



ERV-E AIRFLOW SCHEMATIC

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	WK	JMC

DRAWING TITLE:
SCHEMATICS - ERV-E - AIR DISTRIBUTION

CERTIFIED BY:
Joseph Michael Cripps
REGISTERED
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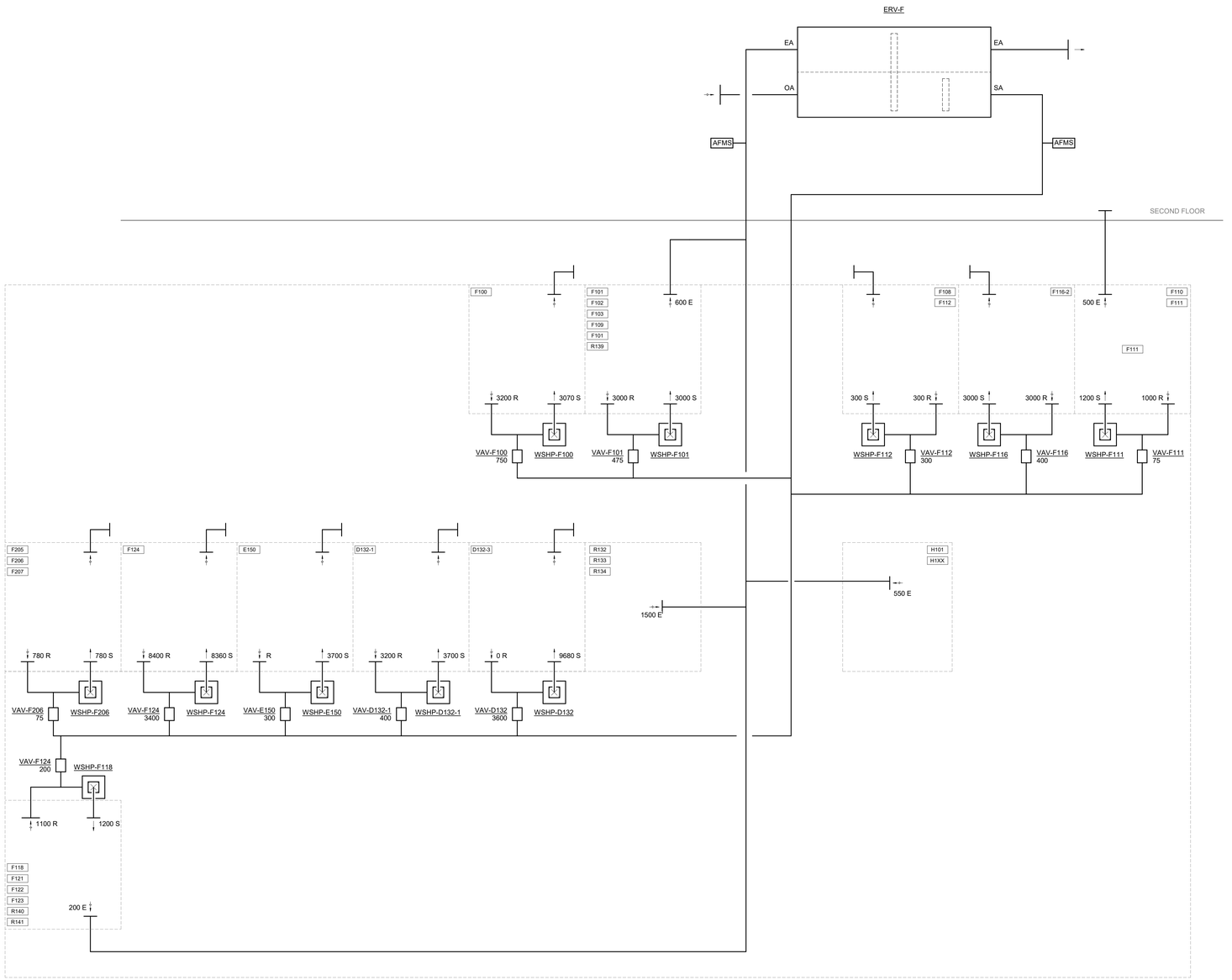
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
M504

PROJECT NUMBER
2023061



ERV-F AIRFLOW SCHEMATIC

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	WK	JMC

DRAWING TITLE:
SCHEMATICS - ERV-F - AIR DISTRIBUTION

CERTIFIED BY:
Joseph Michael Chapla
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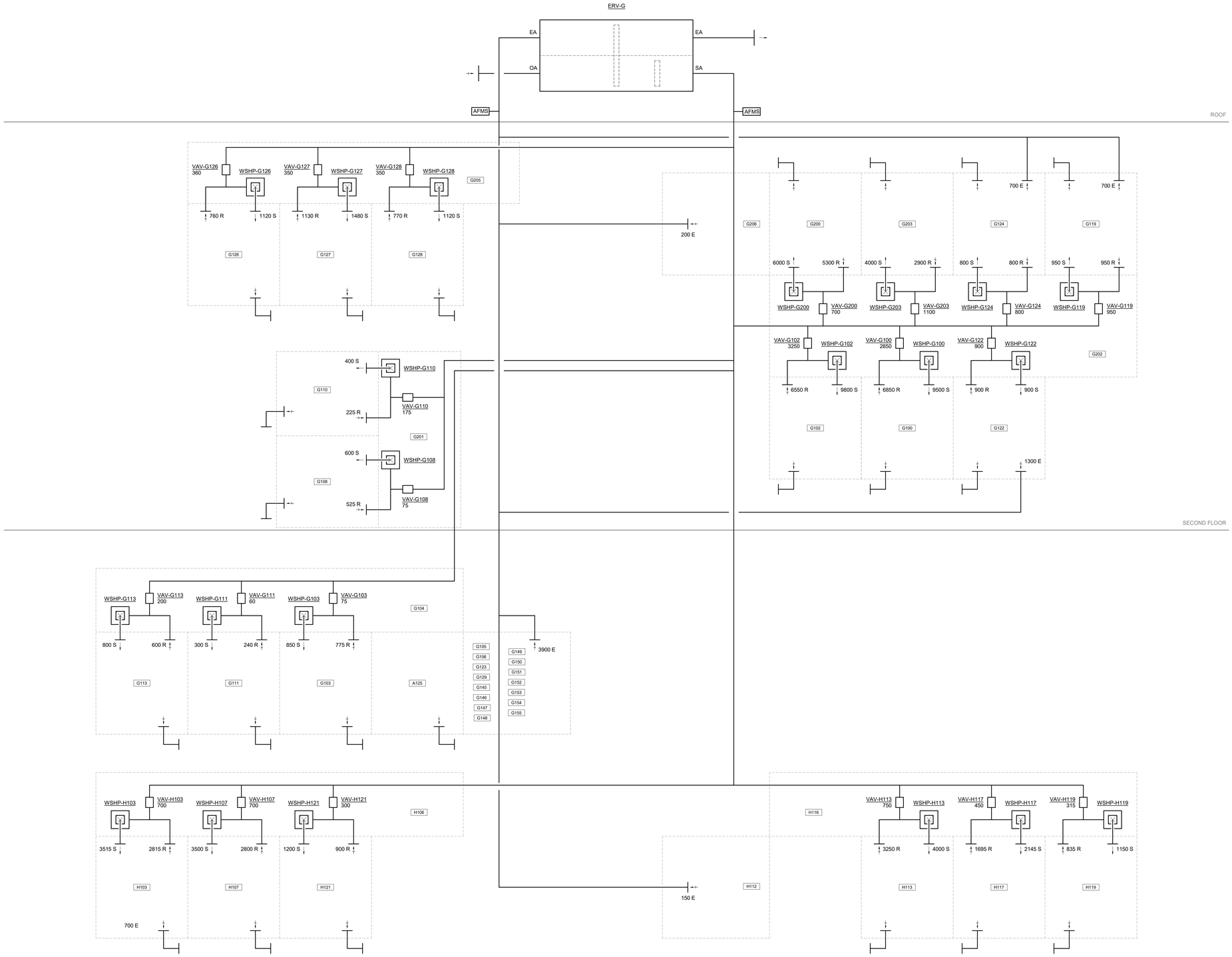
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
M506

PROJECT NUMBER
2023061



ERV-G AIRFLOW SCHEMATIC

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

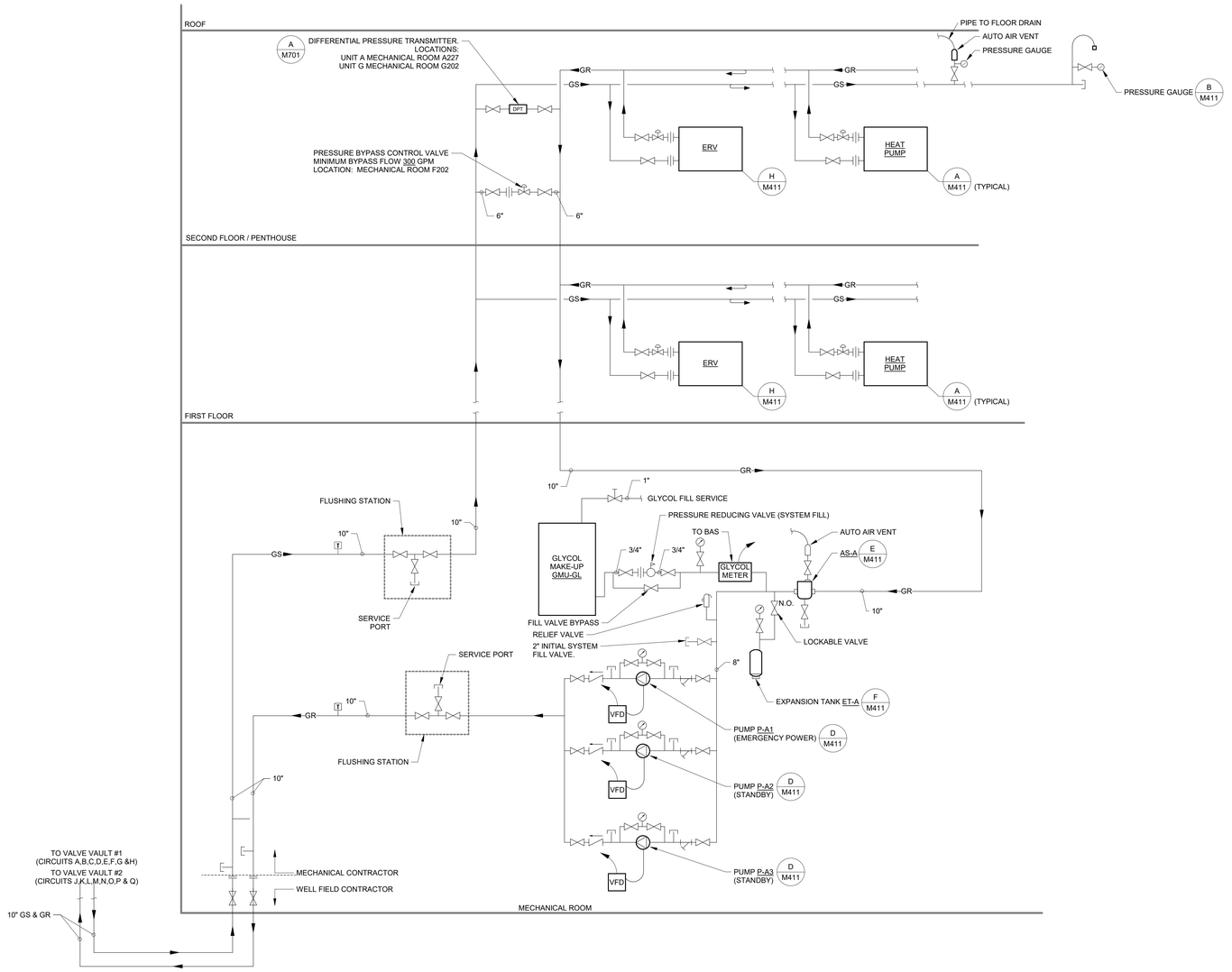
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	JMC	JMC

DRAWING TITLE:
SCHEMATICS - ERV-G - AIR DISTRIBUTION

CERTIFIED BY:
Jason Michael Combs
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
M507

PROJECT NUMBER
2023061



1 GROUND WATER SOURCE PIPING SCHEMATIC

SCALE: NONE

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	JMC	JMC

DRAWING TITLE:
SCHEMATICS - HYDRONICS

CERTIFIED BY:
Joseph Michael Chapa
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
M511

PROJECT NUMBER
2023061

DUCT SILENCER SCHEDULE

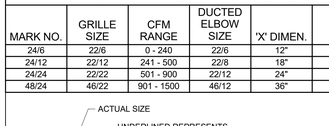
MARK NO	DRAWING NAME &/OR PURPOSE	SPECIFICATION			MANUFACTURER & MODEL NO	CFM	DIMENSIONS			MAX FACE VELOCITY (FPM)	MAX ADP (IN)	MIN DYNAMIC INSERTION LOSS (dB)								REMARKS
		SECTION	NAME	EQUIPMENT TYPE			WIDTH	HEIGHT	LENGTH			63 HZ	125 HZ	250 HZ	500 HZ	1000 HZ	2000 HZ	4000 HZ	8000 HZ	
DS-A	MUSIC PRACTICE ROOMS	23 33 00	AIR DUCT ACCESSORIES	DUCT SILENCER	PRICE CS	125	8" DIA	-	36"	480	0.01"	8	14	23	47	49	44	29	18	-CIRCULAR SILENCER

FAN SCHEDULE

MARK NO	DRAWING NAME &/OR PURPOSE	SPECIFICATION			MANUFACTURER & MODEL NO	CFM	OPERATING DATA						MOTOR DATA			WEIGHT (LBS)	REMARKS
		SECTION	NAME	EQUIPMENT TYPE			TOT STAT PRESS	RPM	BHP	SONES	DRIVE	WHEEL DIA	HP	VOLTS	PHASE		
EF-A1	FOOD LAB D114 DRYER BOOSTER FAN	23 34 23	HVAC POWER VENTILATORS	DRYER BOOSTER FAN	FANTECH DEDPV-705	110	0.50"	2,650	-	-	DIRECT	-	80 WATTS	120	1	10	FAN TO HAVE AUTOMATIC PRESSURE SWITCH, LED INDICATOR PANEL, TEMPERATURE LIMIT SWITCH & MOUNTING BRACKET. COORDINATE LED INDICATOR PANEL LOCATION WITH OWNER.
EF-A2	FOOD LAB D114 EXHAUST	23 34 23	HVAC POWER VENTILATORS	INLINE CENTRIFUGAL	GREENHECK SQ-130HP-VG	700	0.75"	1,394	0.19	10.1	DIRECT	13.125"	1/2	120	1	75	PROVIDE WITH SPRING ISOLATORS, BACKDRAFT DAMPER, VARIABLE SPEED CONTROLLER & DISCONNECT SWITCH.
EF-B1	ART LAB D200 EXHAUST	23 34 23	HVAC POWER VENTILATORS	INLINE CENTRIFUGAL	GREENHECK SQ-120-VG	1,200	0.75"	1,488	0.30	9.3	DIRECT	13.125"	1/2	120	1	75	PROVIDE WITH SPRING ISOLATORS, BACKDRAFT DAMPER, VARIABLE SPEED CONTROLLER & DISCONNECT SWITCH.
EF-C1	ART LAB C228 EXHAUST	23 34 23	HVAC POWER VENTILATORS	INLINE CENTRIFUGAL	GREENHECK SQ-120-VG	1,200	0.75"	1,488	0.30	9.3	DIRECT	13.125"	1/2	120	1	75	PROVIDE WITH SPRING ISOLATORS, BACKDRAFT DAMPER, VARIABLE SPEED CONTROLLER & DISCONNECT SWITCH.
EF-C2	KILN D201 EXHAUST	23 34 23	HVAC POWER VENTILATORS	INLINE CENTRIFUGAL	GREENHECK SQ-100-VG	1,000	0.75"	1,679	0.22	9.7	DIRECT	11.187"	1/4	120	1	60	PROVIDE WITH SPRING ISOLATORS, BACKDRAFT DAMPER, VARIABLE SPEED CONTROLLER & DISCONNECT SWITCH.
EF-C3	CHEM C219B FUME HOOD EXHAUST	23 34 23	HVAC POWER VENTILATORS	CENTRIFUGAL ROOF VENTILATOR	GREENHECK CUE-100-VG	850	0.50"	1,354	0.14	7.5	DIRECT	11.125"	1/4	120	1	100	UPBLAST TYPE WITH SPARK B CONSTRUCTION. PROVIDE WITH BACKDRAFT DAMPER, 18" ROOF CURB, HINGED BASE, BIRDSCREEN, VARIABLE SPEED CONTROLLER & DISCONNECT SWITCH.
EF-F1	CUSTODIAL SUPPORT F111 EXHAUST	23 34 23	HVAC POWER VENTILATORS	CENTRIFUGAL ROOF VENTILATOR	GREENHECK G-098-VG	500	0.50"	1,385	0.10	7.8	DIRECT	11.188"	1/4	120	1	90	PROVIDE WITH BACKDRAFT DAMPER, 18" ROOF CURB, HINGED BASE, BIRDSCREEN, VARIABLE SPEED CONTROLLER & DISCONNECT SWITCH

VARIABLE AIR VOLUME BOX SCHEDULE (VENTILATION)

MARK NO.	DRAWING NAME &/OR PURPOSE	SPECIFICATION			MANUFACTURER & MODEL NO.	INLET DIA (IN.)	CFM RANGE	MAX APD	INLET SP (IN. W.G.)	REMARKS
		SECTION	NAME	EQUIPMENT TYPE						
VAV-A	WSHP VENTILATION AIR CONTROL	23 36 00	AIR TERMINAL UNITS	VAV BOX	PRICE MODEL SDV5	6"ø	0-360	0.30"	1.00"	SEE PLANS FOR VAV BOX ORIENTATION. PRESSURE INDEPENDENT CONSTANT VOLUME OPERATION.
VAV-B	WSHP VENTILATION AIR CONTROL	23 36 00	AIR TERMINAL UNITS	VAV BOX	PRICE MODEL SDV5	8"ø	361-640	0.30"	1.00"	SEE PLANS FOR VAV BOX ORIENTATION. PRESSURE INDEPENDENT CONSTANT VOLUME OPERATION.
VAV-C	WSHP VENTILATION AIR CONTROL	23 36 00	AIR TERMINAL UNITS	VAV BOX	PRICE MODEL SDV5	10"ø	641-945	0.30"	1.00"	SEE PLANS FOR VAV BOX ORIENTATION. PRESSURE INDEPENDENT CONSTANT VOLUME OPERATION.
VAV-D	WSHP VENTILATION AIR CONTROL	23 36 00	AIR TERMINAL UNITS	VAV BOX	PRICE MODEL SDV5	12"ø	946-1350	0.30"	1.00"	SEE PLANS FOR VAV BOX ORIENTATION. PRESSURE INDEPENDENT CONSTANT VOLUME OPERATION.
VAV-E	WSHP VENTILATION AIR CONTROL	23 36 00	AIR TERMINAL UNITS	VAV BOX	PRICE MODEL SDV5	14"ø	1351-2000	0.30"	1.00"	SEE PLANS FOR VAV BOX ORIENTATION. PRESSURE INDEPENDENT CONSTANT VOLUME OPERATION.
VAV-F	WSHP VENTILATION AIR CONTROL	23 36 00	AIR TERMINAL UNITS	VAV BOX	PRICE MODEL SDV5	16"ø	2001-2400	0.30"	1.00"	SEE PLANS FOR VAV BOX ORIENTATION. PRESSURE INDEPENDENT CONSTANT VOLUME OPERATION.
VAV-G	WSHP VENTILATION AIR CONTROL	23 36 00	AIR TERMINAL UNITS	VAV BOX	PRICE MODEL SDV5	24"x16"	2401-4000	0.30"	1.00"	SEE PLANS FOR VAV BOX ORIENTATION. PRESSURE INDEPENDENT CONSTANT VOLUME OPERATION.



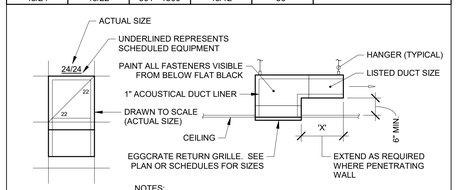
EXHAUST/RETURN REGISTER SCHEDULE

MARK NO.	NOMINAL GRILLE SIZE	MAX N.C.	MAX ΔP	CFM RANGE	REMARKS
0 - 170	8/8	20	0.1"	0 - 170	
175 - 240	10/10	20	0.1"	175 - 240	-
245 - 400	12/12	20	0.1"	245 - 400	-
405 - 520	14/14	20	0.1"	405 - 520	
525 - 640	16/16	20	0.1"	525 - 640	-
645 - 830	18/18	20	0.1"	645 - 830	
835 - 1050	20/20	20	0.1"	835 - 1100	-
1055 - 1400	22/22	20	0.1"	1115 - 1400	-



PLENUM RETURN GRILLE SCHEDULE

MARK NO.	GRILLE SIZE	CFM RANGE	DUCTED ELBOW SIZE	'X' DIMEN.	REMARKS
24/6	22/6	0 - 240	22/6	12"	
24/12	22/12	241 - 500	22/8	18"	
24/24	22/22	501 - 900	22/12	24"	
48/24	46/22	901 - 1500	46/12	36"	

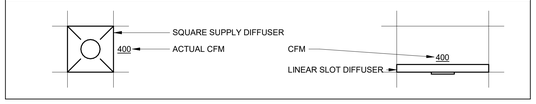


NOTES:

1. INSIDE OF DUCT TO BE BLACK.
2. DUCT SUPPORTED FROM STRUCTURE, NOT CEILING GRID.

CEILING DIFFUSER SCHEDULE

MARK NO.	SPECIFICATION NAME	MANUFACTURER AND MODEL NO.	CFM RANGE	MAX. N.C.	NECK DIA.	FACE SIZE	CEILING MODULE SIZE
50 - 120	SQUARE CEILING DIFFUSER	PRICE SPD OR EQUAL	50 - 120	15	6"	24/24	24/24
125 - 245	SQUARE CEILING DIFFUSER	PRICE SPD OR EQUAL	125 - 245	19	8"	24/24	24/24
250 - 325	SQUARE CEILING DIFFUSER	PRICE SPD OR EQUAL	250 - 325	19	10"	24/24	24/24
330 - 475	SQUARE CEILING DIFFUSER	PRICE SPD OR EQUAL	330 - 475	19	12"	24/24	24/24
480 - 645	SQUARE CEILING DIFFUSER	PRICE SPD OR EQUAL	480 - 645	18	14"	24/24	24/24
650 - 735	SQUARE CEILING DIFFUSER	PRICE SPD OR EQUAL	650 - 735	18	15"	24/24	24/24
130 - 190	LINEAR SLOT DIFFUSER	PRICE SDS SERIES OR EQUAL	130 - 190	18	8" OVAL	(2) 3/4" SLOTS 48" LONG	PLENUM
191 - 230	LINEAR SLOT DIFFUSER	PRICE SDS SERIES OR EQUAL	191 - 230	19	8" OVAL	(2) 1" SLOTS 48" LONG	PLENUM
231 - 270	LINEAR SLOT DIFFUSER	PRICE SDS SERIES OR EQUAL	231 - 270	18	10" OVAL	(3) 3/4" SLOTS 48" LONG	PLENUM
371 - 340	LINEAR SLOT DIFFUSER	PRICE SDS SERIES OR EQUAL	271 - 340	20	10" OVAL	(3) 1" SLOTS 48 LONG	PLENUM
341 - 400	LINEAR SLOT DIFFUSER	PRICE SDS SERIES OR EQUAL	341 - 400	21	12" OVAL	(4) 3/4" SLOTS 48" LONG	PLENUM
401 - 520	LINEAR SLOT DIFFUSER	PRICE SDS SERIES OR EQUAL	401 - 520	22	12" OVAL	(4) 1" SLOTS 48" LONG	PLENUM



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D&A# 23085

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	JMC	JMC

DRAWING TITLE:

SCHEDULES - AIR DISTRIBUTION

CERTIFIED BY:



DRAWING NUMBER

M601

PROJECT NUMBER

2023061

WATER SOURCE HEAT PUMP SCHEDULE

MARK NO	DRAWING NAME &/OR PURPOSE	SPECIFICATION SECTION	SPECIFICATION NAME	SPECIFICATION EQUIPMENT TYPE	MANUFACTURER & MODEL NO	FAN CFM	FAN ESP	FAN HP	WATER LOOP FLUID	WATER LOOP GPM	WATER LOOP MAX WPD (FT)	COOLING TOTAL MBH	COOLING SENSIBLE MBH	COOLING EAT DB (°F)	COOLING EAT WB (°F)	COOLING LAT DB (°F)	COOLING LAT WB (°F)	COOLING WATER SIDE EWT (°F)	COOLING WATER SIDE LWT (°F)	COOLING WATER SIDE REJECTED MBH	COOLING EER	HEATING MBH	HEATING EAT (°F)	HEATING LAT (°F)	HEATING WATER SIDE EWT (°F)	HEATING WATER SIDE LWT (°F)	HEATING WATER SIDE ABSORBED MBH	HEATING COP	COMPRESSORS TYPE	COMPRESSORS QTY	COMPRESSORS STAGES	COMPRESSORS REFRIG	ELECTRICAL DATA VOLTS	ELECTRICAL DATA PHASE	ELECTRICAL DATA MCA	ELECTRICAL DATA MOCP	WEIGHT (LBS)	REMARKS
WSHP-A	ZONE HEATING & COOLING	23 81 46	WATER-SOURCE UNITARY HEAT PUMPS	VERTICAL UNITS	CLIMATEMASTER TCV009	300	0.80"	0.5	25% PG	2.3	10.0	8.9	6.2	80.0	67.0	60.9	57.5	85.0	95.0	11.2	13.6	8.2	68.0	93.3	35.0	30.0	5.7	3.3	ROTARY	1	1	R-410A	265	1	5.7	15.0	110	VERTICAL UPFLOW, ECM MOTOR, DISCONNECT SWITCH, 2" MERV 13 FILTER.
WSHP-B	ZONE HEATING & COOLING	23 81 46	WATER-SOURCE UNITARY HEAT PUMPS	VERTICAL UNITS	CLIMATEMASTER TCV012	400	0.80"	1.0	25% PG	3.0	10.0	12.0	8.1	80.0	67.0	61.2	57.4	85.0	95.0	15.1	13.5	10.9	68.0	93.3	35.0	30.0	7.8	3.7	ROTARY	1	1	R-410A	265	1	7.8	15.0	115	VERTICAL UPFLOW, ECM MOTOR, DISCONNECT SWITCH, 2" MERV 13 FILTER.
WSHP-C	ZONE HEATING & COOLING	23 81 46	WATER-SOURCE UNITARY HEAT PUMPS	VERTICAL UNITS	CLIMATEMASTER TCV018	650	0.80"	1.0	25% PG	4.5	10.0	18.8	14.6	80.0	67.0	59.2	57.7	85.0	95.0	23.5	14.1	15.5	68.0	90.1	35.0	30.0	11.4	3.9	ROTARY	1	1	R-410A	265	1	9.9	15.0	160	VERTICAL UPFLOW, ECM MOTOR, DISCONNECT SWITCH, 2" MERV 13 FILTER.
WSHP-D	ZONE HEATING & COOLING	23 81 46	WATER-SOURCE UNITARY HEAT PUMPS	VERTICAL UNITS	CLIMATEMASTER TE-026	850	0.80"	0.5	25% PG	6.0	10.0	25.8	17.7	80.0	67.0	60.6	57.1	85.0	95.0	31.4	16.6	21.2	68.0	91.3	35.0	30.0	15.7	3.8	SCROLL	1	2	R-410A	460	3	7.6	15.0	300	VERTICAL UPFLOW, ECM MOTOR, DISCONNECT SWITCH, 2" MERV 13 FILTER.
WSHP-E	ZONE HEATING & COOLING	23 81 46	WATER-SOURCE UNITARY HEAT PUMPS	VERTICAL UNITS	CLIMATEMASTER TE-038	1,250	1.00"	0.5	25% PG	9.0	10.0	39.7	26.9	80.0	67.0	60.4	56.9	85.0	95.0	47.9	17.5	32.6	68.0	91.8	35.0	30.0	25.2	4.4	SCROLL	1	2	R-410A	460	3	10.3	15.0	360	VERTICAL UPFLOW, ECM MOTOR, DISCONNECT SWITCH, 2" MERV 13 FILTER.
WSHP-F	ZONE HEATING & COOLING	23 81 46	WATER-SOURCE UNITARY HEAT PUMPS	VERTICAL UNITS	CLIMATEMASTER TE-049	1,650	1.00"	1.0	25% PG	12.0	10.0	50.2	35.3	80.0	67.0	59.8	57.0	85.0	95.0	61.2	16.2	40.6	68.0	91.1	35.0	30.0	30.1	3.9	SCROLL	1	2	R-410A	460	3	14.0	20.0	450	VERTICAL UPFLOW, ECM MOTOR, DISCONNECT SWITCH, 2" MERV 13 FILTER.
WSHP-G	ZONE HEATING & COOLING	23 81 46	WATER-SOURCE UNITARY HEAT PUMPS	VERTICAL UNITS	CLIMATEMASTER TE-064	1,995	1.00"	1.0	25% PG	15.0	10.0	65.6	50.4	80.0	67.0	57.2	56.6	85.0	95.0	80.4	15.8	55.4	68.0	93.0	35.0	30.0	42.1	4.2	SCROLL	1	2	R-410A	460	3	15.0	20.0	480	VERTICAL UPFLOW, ECM MOTOR, DISCONNECT SWITCH, 2" MERV 13 FILTER.
WSHP-H	ZONE HEATING & COOLING	23 81 46	WATER-SOURCE UNITARY HEAT PUMPS	VERTICAL UNITS	CLIMATEMASTER TE-072	2,300	1.00"	1.0	25% PG	17.0	10.0	72.2	53.7	80.0	67.0	58.1	56.7	85.0	95.0	90.2	14.3	61.2	68.0	92.9	35.0	30.0	45.2	3.9	SCROLL	1	2	R-410A	460	3	16.6	25.0	480	VERTICAL UPFLOW, ECM MOTOR, DISCONNECT SWITCH, 2" MERV 13 FILTER.
WSHP-J	ZONE HEATING & COOLING	23 81 46	WATER-SOURCE UNITARY HEAT PUMPS	VERTICAL UNITS	CLIMATEMASTER TC_L-096	3,200	1.50"	2.0	25% PG	24.0	15.0	95.6	75.5	80.0	67.0	57.8	57.3	85.0	95.0	120.2	13.5	84.7	68.0	92.9	35.0	30.0	61.8	3.7	SCROLL	2	2	R-410A	460	3	23.6	25.0	650	VERTICAL UPFLOW, PSC MOTOR WITH VFD, 2" MERV 13 FILTER.
WSHP-K	ZONE HEATING & COOLING	23 81 46	WATER-SOURCE UNITARY HEAT PUMPS	VERTICAL UNITS	CLIMATEMASTER TC_L-120	4,000	1.50"	3.0	25% PG	30.0	15.0	122.1	92.2	80.0	67.0	58.3	57.0	85.0	95.0	154.2	13.2	110.0	68.0	93.9	35.0	30.0	78.5	3.5	SCROLL	2	2	R-410A	460	3	31.2	35.0	700	VERTICAL UPFLOW, PSC MOTOR WITH VFD, 2" MERV 13 FILTER.
WSHP-L	ZONE HEATING & COOLING	23 81 46	WATER-SOURCE UNITARY HEAT PUMPS	VERTICAL UNITS	CLIMATEMASTER TC_L-192	6,000	1.50"	5.0	25% PG	60.0	15.0	184	150	80.0	67.0	59.2	57.6	85.0	95.0	293.2	12.8	206.4	68.0	92.3	35.0	30.0	150.8	3.7	SCROLL	2	2	R-410A	460	3	34	45	1,200	VERTICAL UPFLOW, PSC MOTOR WITH VFD, 2" MERV 13 FILTER.
WSHP-M	ZONE HEATING & COOLING	23 81 46	WATER-SOURCE UNITARY HEAT PUMPS	VERTICAL UNITS	CLIMATEMASTER TC_L-240	8,000	1.50"	5.0	25% PG	60.0	15.0	230.9	176.9	80.0	67.0	59.2	57.6	85.0	95.0	293.2	12.8	206.4	68.0	92.3	35.0	30.0	150.8	3.7	SCROLL	2	2	R-410A	460	3	56.4	70.0	1,200	VERTICAL UPFLOW, PSC MOTOR WITH VFD, 2" MERV 13 FILTER.
WSHP-N	ZONE HEATING & COOLING	23 81 46	WATER-SOURCE UNITARY HEAT PUMPS	VERTICAL UNITS	CLIMATEMASTER TC_L-300	9,800	1.50"	7.5	25% PG	75.0	15.0	299.9	217.1	80.0	67.0	59.1	57.0	85.0	95.0	380.2	13.0	263.3	68.0	93.3	35.0	30.0	188.2	3.5	SCROLL	2	2	R-410A	460	3	64.0	80.0	1,300	VERTICAL UPFLOW, PSC MOTOR WITH VFD, 2" MERV 13 FILTER.
WSHP-P	ZONE HEATING & COOLING	23 81 46	WATER-SOURCE UNITARY HEAT PUMPS	VERTICAL UNITS	CLIMATEMASTER TE-026	850	0.80"	0.5	25% PG	6.0	10.0	25.8	17.7	80.0	67.0	60.6	57.1	85.0	95.0	31.4	16.6	21.2	68.0	91.3	35.0	30.0	15.7	3.8	SCROLL	1	2	R-410A	460	3	7.6	15.0	300	VERTICAL DOWNFLOW, ECM MOTOR, DISCONNECT SWITCH, 2" MERV 13 FILTER.
WSHP-Q	ZONE HEATING & COOLING	23 81 46	WATER-SOURCE UNITARY HEAT PUMPS	VERTICAL UNITS	CLIMATEMASTER TE-038	1,250	1.00"	0.5	25% PG	9.0	10.0	39.7	26.9	80.0	67.0	60.4	56.9	85.0	95.0	47.9	17.5	32.6	68.0	91.8	35.0	30.0	25.2	4.4	SCROLL	1	2	R-410A	460	3	10.3	15.0	360	VERTICAL DOWNFLOW, ECM MOTOR, DISCONNECT SWITCH, 2" MERV 13 FILTER.
WSHP-R	ZONE HEATING & COOLING	23 81 46	WATER-SOURCE UNITARY HEAT PUMPS	VERTICAL UNITS	CLIMATEMASTER TE-049	1,650	1.00"	1.0	25% PG	12.0	10.0	50.2	35.3	80.0	67.0	59.8	57.0	85.0	95.0	61.2	16.2	40.6	68.0	91.1	35.0	30.0	30.1	3.9	SCROLL	1	2	R-410A	460	3	14.0	20.0	450	VERTICAL DOWNFLOW, ECM MOTOR, DISCONNECT SWITCH, 2" MERV 13 FILTER.
WSHP-S	ZONE HEATING & COOLING	23 81 46	WATER-SOURCE UNITARY HEAT PUMPS	VERTICAL UNITS	CLIMATEMASTER TC_L-096	3,200	1.50"	2.0	25% PG	24.0	15.0	95.6	75.5	80.0	67.0	57.8	57.3	85.0	95.0	120.2	13.5	84.7	68.0	92.9	35.0	30.0	61.8	3.7	SCROLL	2	2	R-410A	460	3	23.6	25.0	650	VERTICAL DOWNFLOW, PSC MOTOR WITH VFD, 2" MERV 13 FILTER.

PACKAGED AIR-TO-AIR ENERGY RECOVERY VENTILATOR SCHEDULE

MARK NO	DRAWING NAME &/OR PURPOSE	SPECIFICATION SECTION	SPECIFICATION NAME	SPECIFICATION EQUIPMENT TYPE	MANUFACTURER & MODEL NO	FILTERS PRE-FILTER	FILTERS FINAL FILTER	SUPPLY AIR FAN CFM	SUPPLY AIR FAN ESP	SUPPLY AIR FAN QTY	SUPPLY AIR FAN RPM	SUPPLY AIR FAN BHP	SUPPLY AIR FAN KW / HP (EA)	SUPPLY AIR FAN VFD	EXHAUST AIR FAN CFM	EXHAUST AIR FAN ESP	EXHAUST AIR FAN QTY	EXHAUST AIR FAN RPM	EXHAUST AIR FAN BHP	EXHAUST AIR FAN KW / HP (EA)	EXHAUST AIR FAN VFD	WINTER SUPPLY AIR IN DB	WINTER SUPPLY AIR IN WB	WINTER SUPPLY AIR OUT DB	WINTER SUPPLY AIR OUT WB	WINTER EXHAUST AIR IN DB	WINTER EXHAUST AIR IN WB	WINTER EXHAUST AIR OUT DB	WINTER EXHAUST AIR OUT WB	SUMMER SUPPLY AIR IN DB	SUMMER SUPPLY AIR IN WB	SUMMER SUPPLY AIR OUT DB	SUMMER SUPPLY AIR OUT WB	SUMMER EXHAUST AIR IN DB	SUMMER EXHAUST AIR IN WB	SUMMER EXHAUST AIR OUT DB	SUMMER EXHAUST AIR OUT WB
ERV-A	UNIT A VENTILATION AIR	23 72 00	PACKAGED AIR-TO-AIR ENERGY RECOVERY VENTILATORS	PACKAGED AIR-TO-AIR ENERGY RECOVERY VENTILATOR	UNITED COOLAIR VZWHD50	2" MERV 8	4" MERV 13	16,000	1.50"	4	2,600	-	5.9	ECM	15,500	1.50"	4	2,125	-	5.9	ECM	0.0	-1.0	41.5	41.0	70.0	58.0	-	-	95.0	76.0	81.4	68.4	75.0	63.0	-	-
ERV-B	UNIT B VENTILATION AIR	23 72 00	PACKAGED AIR-TO-AIR ENERGY RECOVERY VENTILATORS	PACKAGED AIR-TO-AIR ENERGY RECOVERY VENTILATOR	UNITED COOLAIR VZWHD50	2" MERV 8	4" MERV 13	16,000	1.50"	4	2,600	-	5.9	ECM	15,500	1.50"	4	2,125	-	5.9	ECM	0.0	-1.0	41.5	41.0	70.0	58.0	-	-	95.0	76.0	81.4	69.4	75.0	63.0	-	-
ERV-C	UNIT C VENTILATION AIR	23 72 00	PACKAGED AIR-TO-AIR ENERGY RECOVERY VENTILATORS	PACKAGED AIR-TO-AIR ENERGY RECOVERY VENTILATOR	UNITED COOLAIR VZWHD60	2" MERV 8	4" MERV 13	18,000	1.50"	4	1,818	-	6.9	ECM	17,500	1.50"	4	1,497	-	6.9	ECM	0.0	-1.0	42.9	42.0	70.0	58.0	-	-	95.0	76.0	80.9	67.9	75.0	63.0	-	-
ERV-E	UNIT D & E VENTILATION AIR	23 72 00	PACKAGED AIR-TO-AIR ENERGY RECOVERY VENTILATORS	PACKAGED AIR-TO-AIR ENERGY RECOVERY VENTILATOR	ADDISON PROW180	2" MERV 8	4" MERV 13	3,500	1.50"	1	2,251	2.67	5.0	YES	3,200	1.00"	1	2,010	1.88	3.0	YES	0.0	-1.0	37.1	35.1	23.0	25.6	-	-	95.0	76.0	83.0	69.1	87.4	71.0	-	-
ERV-F	UNIT F VENTILATION AIR	23 72 00	PACKAGED AIR-TO-AIR ENERGY RECOVERY VENTILATORS	PACKAGED AIR-TO-AIR ENERGY RECOVERY VENTILATOR	UNITED COOLAIR VZWHL30	2" MERV 8	4" MERV 13	10,000	1.50"	2	1,798	-	6.9	ECM	9,500	1.50"	2	1,569	-	6.9	ECM	0.0	-1.0	42.3	41.7	70.0	58.0	-	-	95.0	76.0	81.4	68.4	75.0	63.0	-	-
ERV-G	UNIT G VENTILATION AIR	23 72 00	PACKAGED AIR-TO-AIR ENERGY RECOVERY VENTILATORS	PACKAGED AIR-TO-AIR ENERGY RECOVERY VENTILATOR	ADDISON PROW 480	2" MERV 8	4" MERV 13	13,000	1.50"	2	2,027	11.8	15	YES	12,500	1.50"	2	1,803	11.4	15	YES	0.0	-1.0	38.4	38.5	70.0	58.0	-	-	95.0	76.0	82.4	69.4	75.0	63.0	-	-

PACKAGED AIR-TO-AIR ENERGY RECOVERY VENTILATOR SCHEDULE (CONT.)

MARK NO	WATER LOOP FLUID	WATER LOOP GPM	WATER LOOP MAX WPD (FT)	COOLING TOTAL MBH	COOLING SENSIBLE MBH	COOLING CFM	COOLING MAX APD (IN)	COOLING EAT DB (°F)	COOLING EAT WB (°F)	COOLING LAT DB (°F)	COOLING LAT WB (°F)	COOLING WATER SIDE EWT (°F)	COOLING WATER SIDE LWT (°F)	COOLING WATER SIDE REJECTED MBH	COOLING EER	HEATING MBH	HEATING CFM	HEATING EAT (°F)	HEATING LAT (°F)	HEATING WATER SIDE EWT (°F)	HEATING WATER SIDE LWT (°F)	HEATING WATER SIDE ABSORBED MBH	HEATING COP	COMPRESSORS TYPE	COMPRESSORS QTY	COMPRESSORS STAGES	COMPRESSORS REFRIG	ELECTRICAL DATA VOLTS	ELECTRICAL DATA PHASE	ELECTRICAL DATA MCA	ELECTRICAL DATA MOCP	WEIGHT (LBS)	REMARKS
ERV-A	25% PG	144.0	15.0	635.9	438.5	16,000	0.2	81.4	68.4	56.6	56.0	90.0	100.0	-	-	463.1	16,000	41.5	68.2	30.0	25.0	-	-	SCROLL	4	VARIABLE	R-410A	480	3	141.9	150.0	10,600	DIGITAL SCROLL LEAD COMPRESSOR, MODULATING HOT GAS REHEAT, DISCONNECT SWITCH, MICROPROCESSOR CONTROLS AND BACNET COMMUNICATION.
ERV-B	25% PG	144.0	15.0	644.1	416.0	16,000	0.2	81.4	69.4	57.9	57.1	90.0	100.0	-	-	461.5	16,000	41.5	68.1	30.0	25.0	-	-	SCROLL	4	VARIABLE	R-410A	480	3	141.9	150.0	10,600	DIGITAL SCROLL LEAD COMPRESSOR, MODULATING HOT GAS REHEAT, DISCONNECT SWITCH, MICROPROCESSOR CONTROLS AND BACNET COMMUNICATION.
ERV-C	25% PG	180.0	15.0	778.4	522.3	18,000	0.2	80.9	67.9	54.6	54.0	90.0	100.0	-	-	590.9	18,000	42.9	73.2	30.0	25.0	-	-	SCROLL	4	VARIABLE	R-410A	480	3	175.0	175.0	13,100	DIGITAL SCROLL LEAD COMPRESSOR, MODULATING HOT GAS REHEAT, DISCONNECT SWITCH, MICROPROCESSOR CONTROLS AND BACNET COMMUNICATION.
ERV-E	25% PG	48.0	34.3	187.2	113.3	3,500	0.2	83.0	69.1	53.7	52.1	90.0	100.0	-	-	160.3	3,500	37.1	79.3	30.0	25.0	-	3.6	SCROLL	2	VARIABLE	R-410A	460	3	45.1	60	3120	DIGITAL SCROLL LEAD COMPRESSOR, MODULATING HOT GAS REHEAT, DISCONNECT SWITCH, MICROPROCESSOR CONTROLS AND BACNET COMMUNICATION.
ERV-F	25% PG	90.0	15.0	399.6	273.5	10,000	0.2	81.4	68.4	56.7	55.9	90.0	100.0	-	-	290.0	10,000	42.3	69.1	30.0	25.0	-	-	SCROLL	2	VARIABLE	R-410A	480	3	90.4	110.0	6,600	DIGITAL SCROLL LEAD COMPRESSOR, MODULATING HOT GAS REHEAT, DISCONNECT SWITCH, MICROPROCESSOR CONTROLS AND BACNET COMMUNICATION.
ERV-G	25% PG	110	15.0	517.0	359.4	13,000	0.4	82.3	68.5	57.3	56.1	90.0	100.0	-	15.8	384.0	13,000	39.8	68.0	30.0	25.0	-	3.6	SCROLL	2	VARIABLE	R-410A	480	3	99.4	125.0	9,600	DIGITAL SCROLL LEAD COMPRESSOR, MODULATING HOT GAS REHEAT, DISCONNECT SWITCH, MICROPROCESSOR CONTROLS AND BACNET COMMUNICATION.

PUMP SCHEDULE

MARK NO	DRAWING NAME &/OR PURPOSE	SPECIFICATION SECTION	SPECIFICATION NAME	SPECIFICATION EQUIPMENT TYPE	MANUFACTURER & MODEL NO	FLUID	GPM	FT HD WATER	EFF %	IMP DIA	SUCTION	DISCHARGE	MOTOR DATA HP	MOTOR DATA BHP	MOTOR DATA RPM	MOTOR DATA VOLTS	MOTOR DATA PHASE	MOTOR DATA VFD	REMARKS
GLP-A	GROUND LOOP SYSTEM	23 21 23	HYDRONIC PUMPS	BASE-MOUNTED, END-SUCTION	BELL & GOSSETT 4GC	25% PG	990	140	80.8	13.375"	5"	4"	50.0	44.3	1800	480	3	YES	GROUND LOOP AND BUILDING SIDE PUMP. PROVIDE WITH SUCTION DIFFUSER.

MINI-SPLIT HEAT PUMP SCHEDULE

MARK NO.	DRAWING NAME &/OR PURPOSE	SPECIFICATION SECTION	SPECIFICATION NAME	SPECIFICATION EQUIPMENT TYPE	MANUFACTURER & MODEL NO.	COOLING CAPACITY (MBH)	COOLING AMBIENT TEMP.	COOLING STAGES/ UNLOADING	COOLING SEER	HEATING CAPACITY (MBH)	HEATING AMBIENT TEMP.	HEATING STAGES/ UNLOADING	HEATING HSPF	COMPRESSOR REFRIGERANT	COMPRESSOR QUANTITY	COMPRESSOR TYPE	ELECTRICAL DATA MCA	ELECTRICAL DATA MOCP	ELECTRICAL DATA VOLTS	ELECTRICAL DATA PHASE	WEIGHT (LBS.)	REMARKS
HP-A	MDF ROOM HEATING & COOLING	23 81 34	MINI-SPLIT AIR CONDITIONING	OUTDOOR UNIT	LG ARUN024GSS4	24.0	95.0	VARIABLE	-	27.0	17.0	VARIABLE	-	R-410A	1	INVERTER	19.6	30.0	208	1	175	PAIRED WITH DXFC-A & LOW AMBIENT KIT.

MINI-SPLIT DX FAN COIL SCHEDULE

MARK NO	DRAWING NAME &/OR PURPOSE	SPECIFICATION SECTION	SPECIFICATION NAME	SPECIFICATION EQUIPMENT TYPE	MANUFACTURER & MODEL NO	CAPACITY COOLING THC (MBH)	CAPACITY COOLING SHC (MBH)	CAPACITY HEATING (MBH)	AIRFLOW (CFM) HI	AIRFLOW (CFM) LOW	ELECTRICAL DATA MCA	ELECTRICAL DATA MOCP	ELECTRICAL DATA FLA	ELECTRICAL DATA VOLTS	ELECTRICAL DATA PHASE	REMARKS
DXFC-A	MDF ROOM HEATING & COOLING	23 81 34	MINI-SPLIT AIR CONDITIONING	INDOOR UNIT	LG ARNU243SKS4	24.2	17.0	22.0	537	371	0.6	15.0	-	208	1	PAIRED WITH HP-A, WALL-MOUNTED UNIT, CONDENSATE PUMP & WALL-MOUNTED THERMOSTAT.

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BID DOCUMENTS
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SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	JMC	JMC

DRAWING TITLE:
SCHEDULES - HYDRONICS

CERTIFIED BY:
Joseph Michael Chrapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
M611

PROJECT NUMBER
2023061

ELECTRIC UNIT HEATER SCHEDULE

MARK NO	DRAWING NAME &/OR PURPOSE	SPECIFICATION			MANUFACTERER & MODEL NO	ELECTRICAL DATA			LENGTH	HEIGHT	DEPTH	INSTALLED HEIGHT	STYLE	WEIGHT (LBS)	REMARKS
		SECTION	NAME	EQUIPMENT TYPE		WATTS	VOLTS	PHASE							
ECUH-A	VESSTIBULE HEAT	23 82 39.19	WALL AND CEILING UNIT HEATERS - ELECTRIC	CABINET UNIT HEATERS - ELECTRIC	MARKEL 6300 SERIES	3,000	480	3	33"	25"	9"	36"	WALL-MOUNTED, FULLY RECESSED	100	PROVIDE WITH RECESSED TRIM KIT, BUILT-IN DOUBLE POLE THERMOSTAT, DISCONNECT SWITCH & SUMMER FAN SWITCH. FRONT INLET & FRONT OUTLET. COLOR TO BE SELECTED BY ARCHITECT.
ECUH-B	VESSTIBULE HEAT	23 82 39.19	WALL AND CEILING UNIT HEATERS - ELECTRIC	CABINET UNIT HEATERS - ELECTRIC	MARKEL 6300 SERIES	6,000	480	3	46"	25"	9"	36"	WALL-MOUNTED, FULLY RECESSED	130	PROVIDE WITH RECESSED TRIM KIT, BUILT-IN DOUBLE POLE THERMOSTAT, DISCONNECT SWITCH & SUMMER FAN SWITCH. FRONT INLET & FRONT OUTLET. COLOR TO BE SELECTED BY ARCHITECT.
ECUH-C	VESSTIBULE HEAT	23 82 39.19	WALL AND CEILING UNIT HEATERS - ELECTRIC	CABINET UNIT HEATERS - ELECTRIC	MARKEL 6300 SERIES	3,000	480	3	33"	25"	9"	36"	CEILING-MOUNTED, FULLY RECESSED	100	PROVIDE WITH RECESSED TRIM KIT, BUILT-IN DOUBLE POLE THERMOSTAT, DISCONNECT SWITCH & SUMMER FAN SWITCH. FRONT INLET & FRONT OUTLET. COLOR TO BE SELECTED BY ARCHITECT.
EPUH-A	MECHANICAL ROOM HEAT	23 82 39.19	WALL AND CEILING UNIT HEATERS - ELECTRIC	PROPELLER UNIT HEATERS - ELECTRIC	MARKEL 5100 SERIES	10,000	480	3	21 1/2"	24 5/16"	6 1/2"	10'	SUSPENDED	60	PROVIDE WITH MOUNTING BRACKET, WALL-MOUNTED LINE VOLTAGE THERMOSTAT WITH DISCONNECT SWITCH.
EPUH-B	MECHANICAL ROOM HEAT	23 82 39.19	WALL AND CEILING UNIT HEATERS - ELECTRIC	PROPELLER UNIT HEATERS - ELECTRIC	MARKEL 5100 SERIES	5,000	480	3	14 15/32"	17 3/4"	6 1/2"	9'	SUSPENDED	30	PROVIDE WITH MOUNTING BRACKET, WALL-MOUNTED LINE VOLTAGE THERMOSTAT WITH DISCONNECT SWITCH.

EXPANSION TANK SCHEDULE

MARK NO	DRAWING NAME &/OR PURPOSE	SPECIFICATION			MANUFACTURER & MODEL NO	WEIGHT (LBS) WET	APPROXIMATE SYSTEM VOLUME (GAL)	TANK VOLUME (GAL)	MIN ACCEPTANCE VOLUME (GAL)	REMARKS
		SECTION	NAME	EQUIPMENT TYPE						
ET-GL	GROUND LOOP SYSTEM	23 21 13	HYDRONIC PIPING SYSTEMS	EXPANSION TANK	BELL & GOSSETT B4000	11,500	29,000	1057.0	406.0	60" DIAMETER, 105" TALL, 25% PROPYLENE GLYCOL, ASME RATED.

AIR & DIRT SEPARATOR SCHEDULE

MARK NO	DRAWING NAME &/OR PURPOSE	SPECIFICATION			MANUFACTURER & MODEL NO	WEIGHT (LBS) DRY	PIPE SIZE (IN)	PIPE SIZE TO TANK (IN NPT)	MAX WPD (FT)	STRAINER REQUIRED	REMARKS
		SECTION	NAME	EQUIPMENT TYPE							
AS-GL	GROUND LOOP SYSTEM	23 21 13	HYDRONIC PIPING SYSTEMS	AIR AND DIRT SEPARATORS	SPIROTHERM VHN1000FA	1,300	10	-	5.0	INTEGRAL	FLANGED CONNECTIONS AND SKIM VALVE.

MISCELLANEOUS EQUIPMENT SCHEDULE

MARK NO.	DRAWING NAME &/OR PURPOSE	SPECIFICATION			MANUFACTURER & MODEL NO	MOTOR DATA			WEIGHT (LBS.)	REMARKS
		SECTION	NAME	EQUIPMENT TYPE		HP	VOLTS	PHASE		
GMU-GL	GLYCOL MAKE-UP UNIT	23 25 00	HVAC WATER TREATMENT	GLYCOL MAKE-UP UNIT	BELL & GOSSETT GMU-30	1/2	120	1	200	10 GPM AT 30 PSI, 3600 RPM, 55 GALLON TANK MIN., LOW LEVEL CUTOFF ALARM CONTACT TO BE MONITORED BY T.C.C.

ELECTRIC STEAM GENERATOR SCHEDULE

MARK NO	EQUIPMENT SERVED	SPECIFICATION			MANUFACTURER & MODEL NO	AIR VOLUME (CFM)	DISPERSION PANEL					CAPACITY (LBS/HR)	ELECTRICAL				REMARKS
		SECTION	NAME	EQUIPMENT TYPE			QTY	HEADER DIA	NO OF TUBES	DUCT WIDTH	DUCT HEIGHT		KW	FLA	VOLTS	PHASE	
H-1	WSHP-H107	23 84 13.1	ELECTRIC STEAM HUMIDIFICATION SYSTEM	ELECTRIC STEAM HUMIDIFIER	DRI-STEEM RX-42-1	3550	1	-	-	24"	24"	42	14	18	460	3	- - -

STEAM HUMIDIFIER SCHEDULE

MARK NO.	DRAWING NAME &/OR PURPOSE	SPECIFICATION			MANUFACTURER & MODEL NO.	EAT (°F)		LAT (°F)		OUTPUT (LBS/HR)	DISPERSION MODEL	HUMIDIFIED AREA		ABSORBTION DISTANCE	REMARKS
		SECTION	NAME	EQUIPMENT TYPE		DB	WB	DB	WB			WIDTH (IN)	HEIGHT (IN)		
H-1	ORCHESTRA ROOM HUMIDIFICATION	23 84 13	ELECTRIC STEAM HUMIDIFICATION SYSTEM	STEAM DISPERSION GRID	DRI-STEEM	55	46	56	51.3	42	ULTRA-SORB LV	24"	24"	12"	-INSTALL IN SUPPLY DUCTWORK SERVED BY WSHP-H107. PROVIDE HORIZONTAL INLET & OUTLET, AIR PROVING SWITCH & HIGH-LIMIT HUMIDISTAT. SAME MFG AS ELECTRIC STEAM GENERATOR.

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

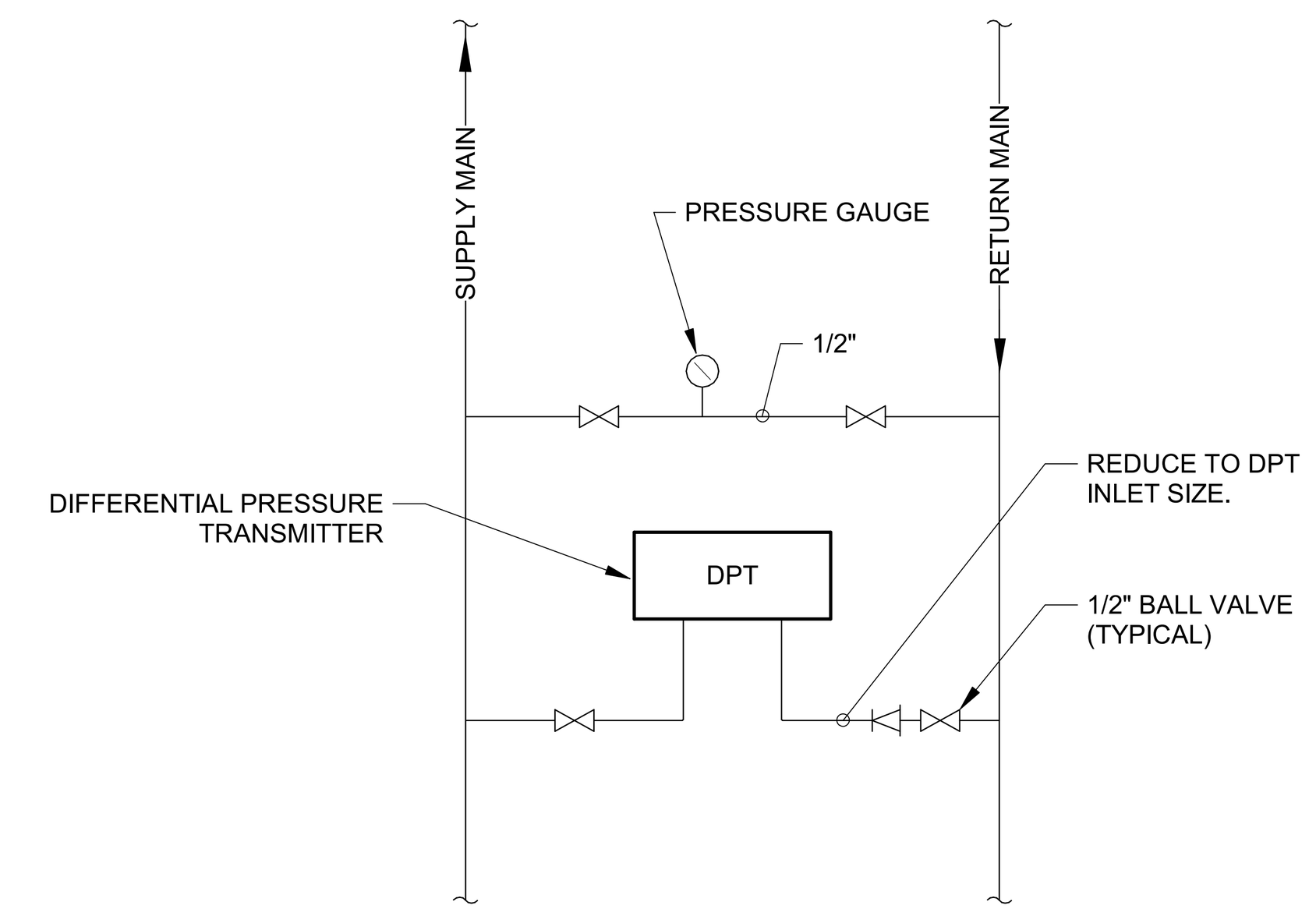
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	JMC	JMC

DRAWING TITLE:
SCHEDULES - HYDRONICS

CERTIFIED BY:
Joseph Michael Chrisman
REGISTERED
No. PE11700335
STATE OF
INDIANA
PROFESSIONAL ENGINEER
8/09/2024

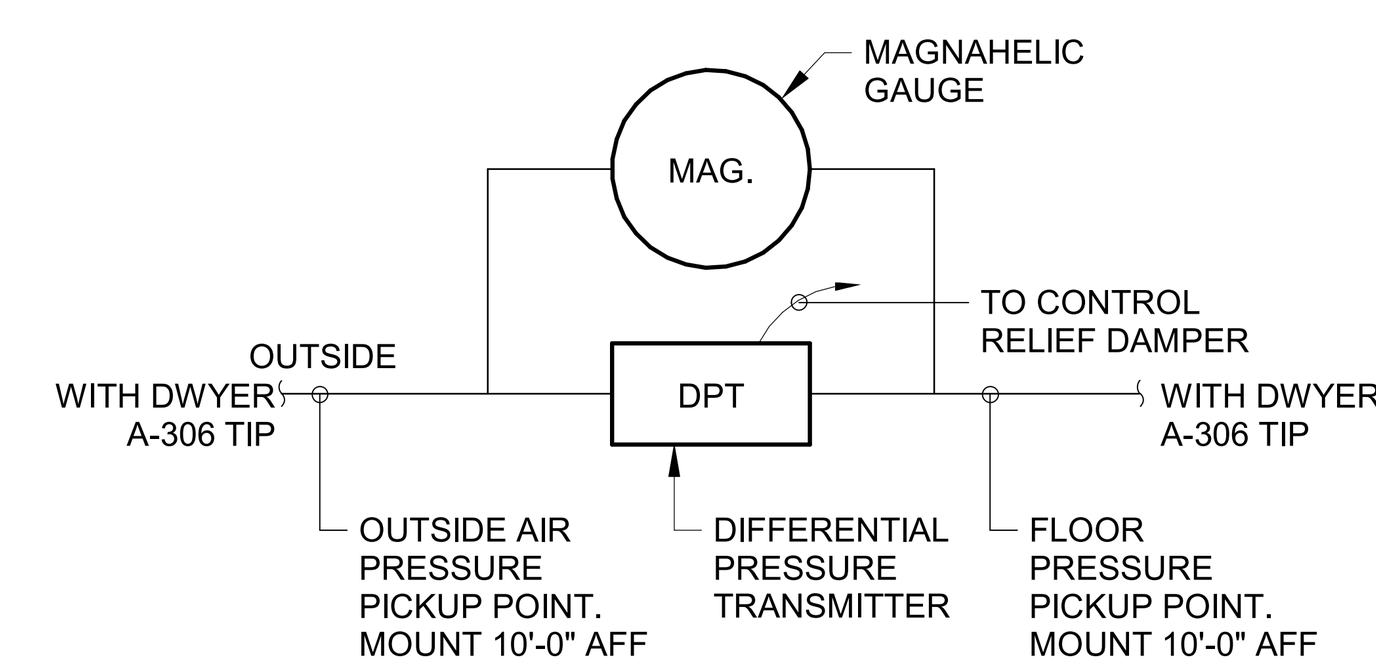
DRAWING NUMBER
M612

PROJECT NUMBER
2023061



A TYPICAL DPT INSTALLATION

SCALE: NONE



B BUILDING PRESSURIZATION CONTROL SCHEMATIC

SCALE: NONE

SEQUENCE OF OPERATIONS:

A. ALL WORK AND CONTROL COMPONENTS PROVIDED AND INSTALLED BY TCC UNLESS SPECIFIED ELSEWHERE.

B. THE KILN IS STARTED MANUALLY BY THE OPERATOR. CURRENT SENSOR SHALL MONITOR ONE LEG OF THE POWER FEED TO THE KILN FOR STATUS INDICATION.

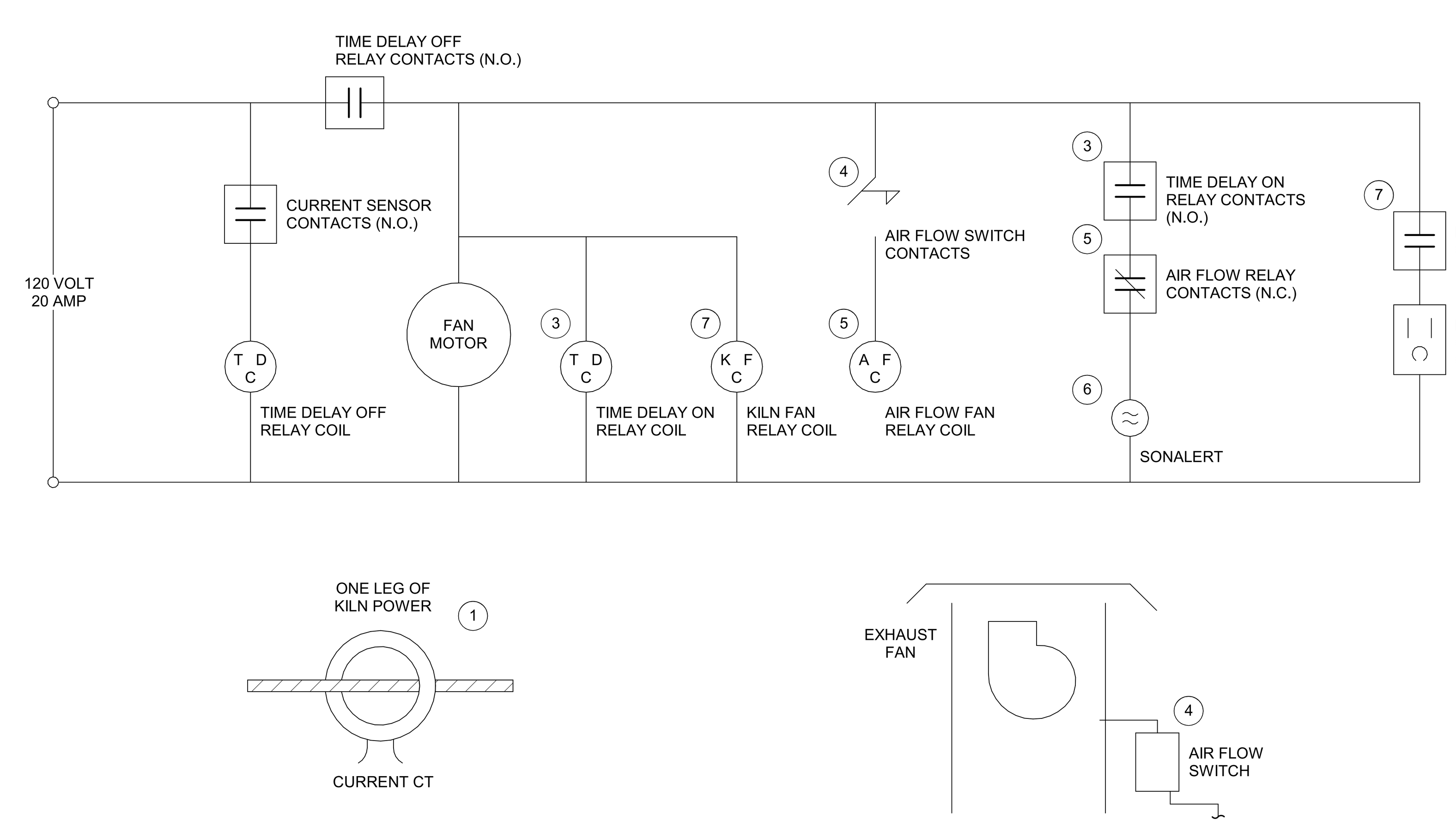
C. WHEN STATUS IS PROVEN, A TIME DELAY OFF RELAY SHALL ENERGIZE THE AREA EXHAUST FAN. THE AREA EXHAUST FAN SHALL RUN WHILE THE KILN IS IN OPERATION AND ALSO REMAIN ON THROUGH THE TIME DELAY OFF RELAY FOR FOUR ADDITIONAL HOURS AFTER KILN TURNS OFF.

D. THE TIME DELAY RELAY SHALL ALSO ENERGIZE THE KILN FAN RELAY WHICH WILL ENERGIZE THE KILN FAN OUTLET. THE KILN EXHAUST FAN SHALL REMAIN ON THROUGH THE TIME DELAY RELAY WITH THE AREA EXHAUST FAN.

E. PROVIDE A SONALERT AS PART OF THIS SYSTEM TO SOUND IF THE AREA EXHAUST FAN DOES NOT START OR IF IT FAILS TO RUN WHILE THE KILN IS ENERGIZED. PROVIDE A TIME DELAY ON RELAY TO PROVIDE A 10 SECOND DELAY IN THE SONALERT CIRCUIT TO KEEP IT FROM SOUNDING ON SYSTEM STARTUP.

F. AREA EXHAUST FAN STATUS SHALL BE PROVEN THROUGH A SAIL SWITCH OR PRESSURE DIFFERENTIAL SWITH GIVING POSITIVE INDICATION OF AIR FLOW. A CURRENT SENSOR IS NOT ACCEPTABLE FOR THIS APPLICATION.

G. PROVIDE ALL OF THE ABOVE COMPONENTS AS APPLICABLE IN A CONTROL PANEL MOUNTED IN THE KILN AREA. ON THE FACE OF THAT PANEL, PROVIDE THE FOLLOWING ENGRAVED LABEL:



C KILN CONTROLS

SCALE: NONE

GENERAL NOTES - CONTROLS:

1. ALL CONTROL VALVES WILL BE ELECTRONIC/ELECTRIC ACTUATED.
2. ALL THERMOSTATS WILL BE REMOTE/READABLE. ADJUSTABLE FOR NIGHT SETBACK CAPABLITIES.
3. LISTED CONTROL POINTS ARE MINIMUM REQUIREMENTS. T.C.C. SHALL PROVIDE ADDITIONAL POINTS IF REQUIRED FOR SPECIFIED SEQUENCE OF OPERATION.
4. ALL THERMOSTATS TO BE MOUNTED AT 48" AFF TO TOP OF BACK BOX. NO WIREMOLD ALLOWED. DROP WIRE DOWN THRU CONCRETE BLOCK CORES. VERTICAL CONDUIT FOR WIRE TO THERMOSTATS NOT REQUIRED WHEN INSTALLING IN EXISTING BLOCK WALLS. CONDUITS ARE REQUIRED IN ALL OTHER WALLS. ELECTRICAL CONTRACTOR TO INSTALL CONDUIT TO ABOVE CEILING AND BACK BOX FOR ALL THERMOSTATS INSTALLED IN NEW WALLS. TEMPERATURE CONTROL CONTRACTOR TO PROVIDE COMPLETE INSTALLATION FOR ALL THERMOSTATS INSTALLED IN EXISTING WALLS.
5. THERMOSTATS SHOWN ON EQUIPMENT SHALL BE INSTALLED WITH SENSOR TO SENSE RETURN AIR TEMPERATURE.
6. COORDINATE THERMOSTAT LOCATIONS WITH ALL CASEWORK, GENERAL CONTRACTOR AND ELECTRICAL CONTRACTOR PRIOR TO WALL CONSTRUCTION.
7. TEMPERATURE CONTROL CONTRACTOR SHALL NOTIFY MECHANICAL CONTRACTOR OF ALL REQUIRED THERMOWELL LOCATIONS NEEDED IN PIPING.
8. CONTROL CONTRACTOR SHALL LOCATE ALL CONTROLLERS, RELAYS, ETC. AT AN EASILY ACCESSIBLE LOCATION IF NOT INSTALLED WITHIN EQUIPMENT CABINET.
9. NO RELAYS IN A BOX (RIB'S) ARE ALLOWED. ALL RELAYS TO BE PLUG-IN TYPE RELAYS.
10. ALL THERMOSTATS, CO2 SENSORS AND MOTION SENSORS TO HAVE STICK-ON LABELS THAT INDICATE NAME OF EQUIPMENT THAT THEY CONTROL. LABELS TO BE LOCATED DIRECTLY BELOW DEVICE. VERIFY LABEL LOCATION WITH THE ENGINEER/OWNER PRIOR TO LABELING ALL DEVICES. ALL DEVICES TO BE LABELED WITH SAME I.D.
11. ALL EXHAUST FAN ISOLATION DAMPERS SHALL BE INSULATED, LOW LEAKAGE TEMPERATURE CONTROL DAMPERS.
12. ALL CONTROL DAMPERS TO READ BACK ACTUAL ORIENTATION AND POSITION OF DAMPERS.
13. ALL OUTSIDE AIR DAMPERS SHALL FAIL CLOSED, EXCEPT FOR LIFE SAFETY DAMPERS.

GENERAL NOTES - SCHEMATICS:

1. SENSORS SHALL BE MOUNTED ON THE SIDE OF DUCTWORK WITH TOP OF SENSING PROBE CENTERED IN THE DUCT. (SAME DISTANCE FROM TOP TO BOTTOM AND SIDE TO SIDE).
2. MASTER OUTDOOR AIR TEMPERATURE SENSOR SHALL BE LOCATED ON THE NORTH FACE OF THE BUILDING.

OCCUPIED / UNOCCUPIED:

1. GLOBAL COMMANDS
   A. SCREEN WITH TOGGLE SWITCH WILL ALLOW USER TO ASSIGN DIFFERENT ZONES AS INDEXABLE AS "STAND-ALONE" OR "GLOBAL COMMANDS."
   B. OCCUPIED 1 — 6:00 A.M. TO 3:00 P.M.
      a. ALL EQUIPMENT AND TERMINAL DEVICES ARE INDEXED TO OCCUPIED MODE.
   C. STANDBY / OCCUPIED 2 — 3:00 P.M. TO 9:00 P.M.
      a. ENABLES SPACE MOUNTED MOTION SENSORS TO INDEX TERMINAL DEVICES FROM STANDBY TO OCCUPIED MODE. WHEN MOTION SENSOR DETECTS MOTION, SPACE REMAINS IN OCCUPIED MODE FOR 120 MINUTES (ADJ) AND RESPECTIVE ERV IS INDEXED TO 100% DESIGN AIRFLOW.
   D. UNOCCUPIED — 9:00 P.M. TO 6:00 A.M.
      a. TERMINAL DEVICES, VAV'S AND ERV'S ARE INDEXED TO 50% DESIGN AIRFLOW.

TEMPERATURE SET POINTS:

1. PROVIDE THE FOLLOWING TEMPERATURE SET POINTS:
   A. COOLING OCCUPIED: 72°F
   B. HEATING OCCUPIED: 70°F
   C. UNOCCUPIED: 60°F - 80°F.
      a. NO ENERGY USE IF SPACE IS BETWEEN THESE SETPOINTS DURING UNOCCUPIED MODE. AS TEMPERATURE APPROACHES UNOCCUPIED HIGH OR LOW TEMPERATURE THEN SYSTEM(S) SHALL MODULATE TO MAINTAIN TEMPERATURES WITHIN UNOCCUPIED OUTER LIMITS.

GENERAL NOTES - SEQUENCES:

1. THESE SEQUENCES DEFINE THE MANNER AND METHOD BY WHICH CONTROLS FUNCTION. REQUIREMENTS FOR EACH TYPE OF CONTROL SYSTEM OPERATION ARE SPECIFIED. EQUIPMENT, DEVICES, AND SYSTEM COMPONENTS REQUIRED FOR CONTROL SYSTEMS ARE IN SPECIFICATION SECTIONS. FURNISH ALL CONTROL DEVICES AND COMPONENTS, WHETHER SPECIFIED OR NOT, TO ACCOMPLISH THE DESCRIBED SEQUENCES.
2. THE SOFTWARE WILL ENABLE USER TO AUTOMATICALLY PROGRAM LEAD-LAG OPERATION OF ALL COMMON TYPES OF EQUIPMENT. COMMON TYPES OF EQUIPMENT INCLUDE CHILLERS, COOLING TOWERS, PUMPS, BOILERS, ETC.
3. ALL FANS SHALL HAVE CURRENT SENSORS WHICH WILL BE USED FOR PROOF OF OPERATION AND TO DISPLAY AMP DRAW. SHOULD ANY EQUIPMENT FAIL, THEN THE B.A.S. SYSTEM SHALL BE ALARMED AND THE STAND-BY EQUIPMENT WILL BE ENERGIZED, IF AVAILABLE. WHERE EQUIPMENT IS CONTROLLED WITH VFD'S THEN B.A.S. SHALL READ AMP DRAW THROUGH VFD. CURRENT SENSOR SHALL HAVE ALARMS SET TO SENSE A "NON-LOADED" CONDITION AND ALERT B.M.S.
4. EVERY SETPOINT INDICATED IN THESE SPECIFICATIONS SHALL BE USER ADJUSTABLE.
5. ALL EQUIPMENT INDEXED BY OUTSIDE AIR TEMPERATURE SHALL BE INDEXED THROUGH ONE SINGLE TEMPERATURE SENSOR.
6. EVERY ACTION INDICATED IN THIS CONTROL SEQUENCE SHALL BE ABLE TO BE INDEXED THROUGH THE B.A.S. FROM COMPUTER AT THE OWNER'S HEAD-END COMPUTER.
7. IN THE EVENT OF A POWER FAILURE, EVERYTHING SHALL AUTOMATICALLY RESET/RESTART. ALL EQUIPMENT SHALL BE STAGED ON.
8. THERE SHALL BE NO MEMORY LOSS OR REPROGRAMMING REQUIRED UPON LOSS OF POWER.
9. GENERAL REFERENCES ARE MADE TO GLOBAL COMMANDS. GLOBAL COMMANDS SHALL BE SET UP TO COMMUNICATE TO ALL COMMON EQUIPMENT, AS SPECIFIED, WITHOUT HAVING TO ADDRESS EACH AND EVERY PIECE OF EQUIPMENT INDIVIDUALLY.
10. ALL FAN SYSTEMS WITH MOTORIZED DAMPERS SHALL BE INTERLOCKED THROUGH END SWITCHES WHERE REQUIRED TO PREVENT DUCT COLLAPSE. FAN SHALL NOT START UNTIL DAMPERS ARE FULLY OPEN UNLESS SPECIFICALLY NOTED OTHERWISE.
11. B.A.S. SYSTEM SHALL UTILIZE OPTIMUM START/STOP FOR BUILDING WARM-UP AND COOL-DOWN PRIOR TO OCCUPANCY.
12. ALL CRITICAL ALARMS SHALL SEND A SIGNAL TO LOCATION AS DIRECTED BY OWNER.
13. THIS DDC CONTROL SYSTEM WILL BE DESIGNED SO THAT THE OWNER WILL BE ABLE TO ACCESS AND CONTROL THIS SYSTEM FROM ANYWHERE ON THE WAN USING A STANDARD INTERNET BROWSER SUCH AS INTERNET EXPLORER.
14. IF ADDITIONAL POINTS ARE REQUIRED TO ACHIEVE CONTROL SEQUENCE THEN THEY SHALL BE INCLUDED.
15. PROVIDE COLOR-SPACE-GRAPHICS FOR B.A.S. GRAPHICS SHALL INCLUDE A FORMAT THAT CAN FIT ON ONE SCREEN WHICH ALLOWS EASY OCCUPIED AND UNOCCUPIED SCHEDULING AS WELL AS CHANGING MAJOR SYSTEM PARAMETERS.
16. ALL CRITICAL ALARMS SHALL SEND A TEXT TO A PERSON TO BE IDENTIFIED. SITUATION CAN BE ADDRESSED IMMEDIATELY UPON OCCURRENCE.

MASTER AMBIENT SENSORS:

1. TEMPERATURE AND HUMIDITY
   A. AMBIENT SENSOR (WET BULB AND DRY BULB) SHALL CONTROL ALL EQUIPMENT WHICH USES AMBIENT TEMPERATURE IN ITS CONTROL SEQUENCE.
2. CO2 SENSOR
   A. MASTER AMBIENT CO2 SENSOR SHALL CONTROL ALL EQUIPMENT WHICH USES AMBIENT CO2 IN ITS CONTROL SEQUENCE.
3. INCLUDE ALL MASTER AMBIENT SENSOR READINGS ON EACH PAGE OF GRAPHICS.

CRITICAL ALARMS:

1. EACH CRITICAL ALARM SHALL BE IDENTIFIED BY A SIMPLE TEXT MESSAGE. OWNER CAN ACCESS ONLINE VIA WEB BROWSER AND IDENTIFY WHAT CRITICAL ALARM(S) EXIST.
2. THE FOLLOWING POINTS SHALL BE PROGRAMMED AS CRITICAL ALARMS:
   A. LOW BUILDING TEMPERATURE - ANY SPACE TEMPERATURE LESS THAN 50°F.
   B. HIGH BUILDING TEMPERATURE - ANY SPACE TEMPERATURE GREATER THAN 85°F.
   C. HIGH BUILDING HUMIDITY - ANY SPACE HUMIDITY SENSOR ABOVE 70% RH.
   D. ERV STATUS - ERV IS ENERGIZED BUT FAILS TO OPERATE, I.E. NO AIRFLOW.
   E. FIRE SPRINKLER RISER ROOM TEMPERATURE BELOW 40°F (ADJ).
   F. GROUND LOOP PUMP FAILURE.

SYMBOL LEGEND

PETE'S PLUG	VARIABLE FREQUENCY DRIVE (VFD)
DIFFERENTIAL PRESSURE TRANSMITTER (DPT)	PRESSURE GAUGE
PUMP	FLOW SWITCH (FS)
TC VALVE - ALL MODULATING	PRESSURE REDUCING VALVE
TEMPERATURE SENSOR (T)	RELIEF VALVE
FLOW METER (FM)	HIGH CAPACITY VENT PIPED TO FLOOR DRAIN
THERMOMETER (LCD) (T)	ANGLED GLOBE VALVE
SHUT-OFF VALVE	TEMPERATURE CONTROL PANEL (TCP)
BALANCE VALVE WITH MEMORY STOP	TO BUILDING AUTOMATION SYSTEM
STATIC PRESSURE SENSOR (SP)	HIGH PRESSURE SWITCH (HP)
NEEDLE VALVE	AIR FLOW MEASURING STATION (AFMS)
FREEZESTAT (FS)	FLOW CONTROL VALVE (FCV)
HUMIDITY SENSOR / HUMIDISTAT (H)	NEW TO EXISTING CONNECTION (EXISTING / NEW)
MOTORIZED DAMPER (M)	CO2 SENSOR (CO2)

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	JMC	JMC

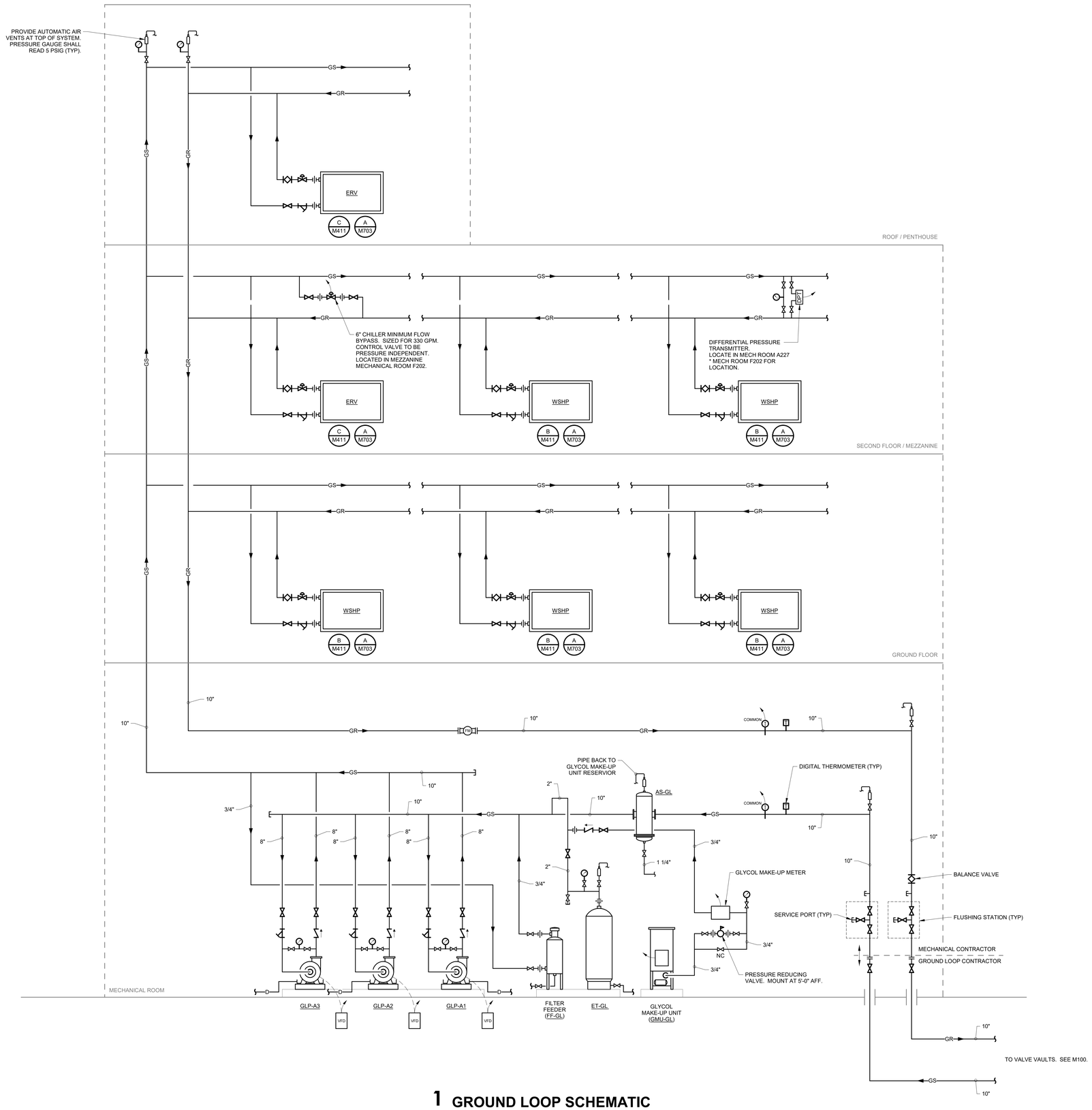
DRAWING TITLE:
CONTROLS - GENERAL

CERTIFIED BY:



DRAWING NUMBER
M701

PROJECT NUMBER
2023061



1 GROUND LOOP SCHEMATIC

SCALE: NONE

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REVISIONS:

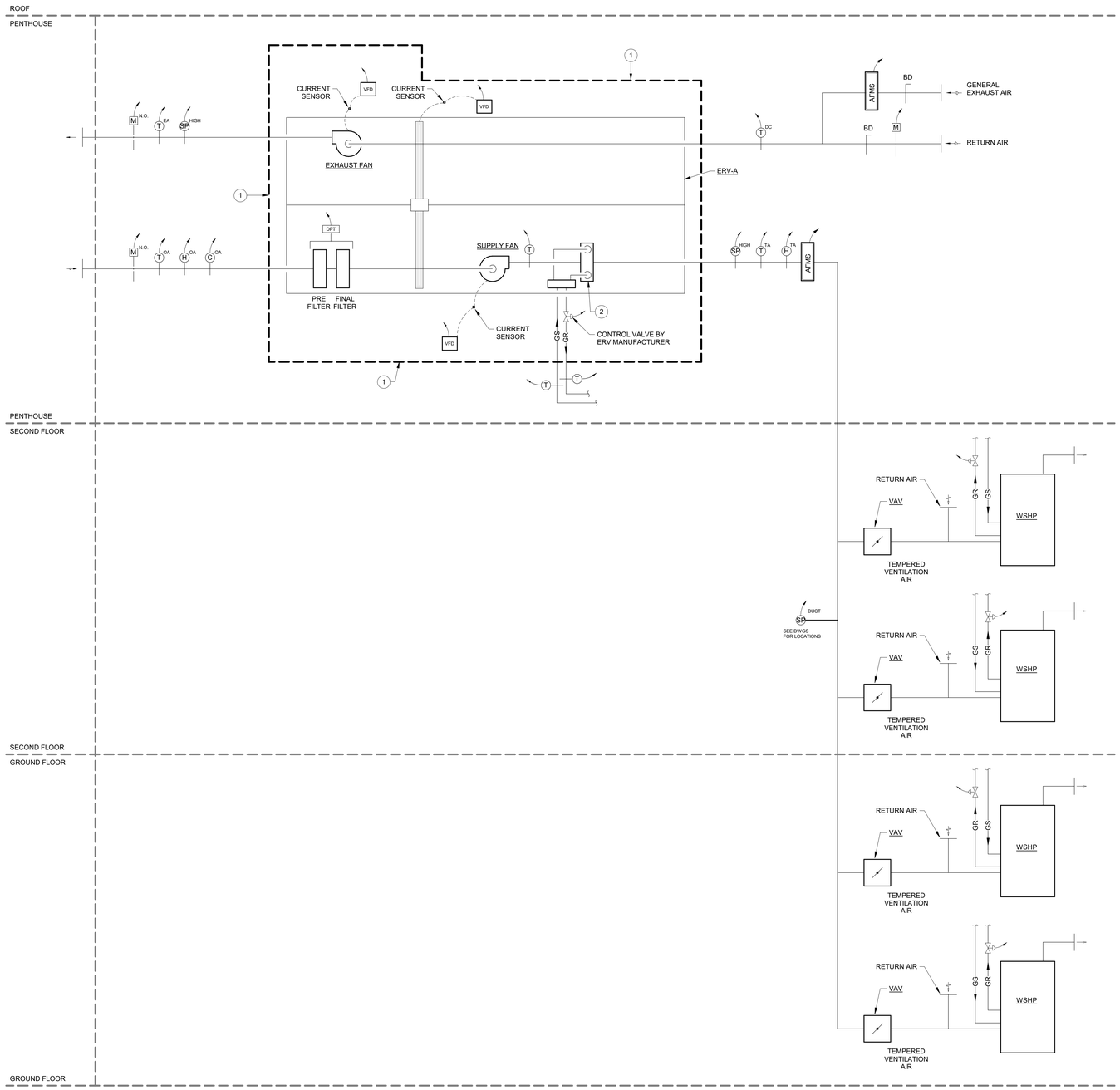
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	JMC	JMC

DRAWING TITLE:
CONTROLS - GROUND LOOP SYSTEM

CERTIFIED BY:
Joseph Michael Chrapla
REGISTERED
No. PE11700335
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
M702

PROJECT NUMBER
2023061



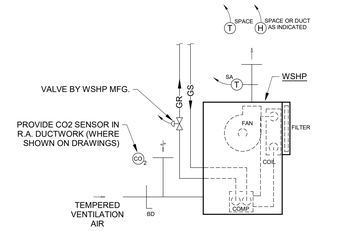
1 ERV WITH WSHP COIL AIRFLOW

SCALE: NONE

CONTROL POINTS LIST				
ITEM	SIGNAL TYPE			
ERV-A, ERV-B & ERV-C	DI	AI	AO	DO
OUTDOOR AIR TEMPERATURE (COMMON)		1		
OUTDOOR AIR HUMIDITY (COMMON)		1		
OUTDOOR AIR C02 (COMMON)		1		
OUTDOOR AIR ISOLATION DAMPER	1			1
FILTER DIFFERENTIAL PRESSURE		1		
SUPPLY FAN START / STOP				1
SUPPLY FAN STATUS (CURRENT SENSOR)		1		
SUPPLY FAN SPEED (VFD / ECM)			1	
TEMPERED AIR TEMPERATURE		1		
TEMPERED AIR HUMIDITY		1		
ENTHALPY WHEEL LEAVING AIR TEMPERATURE (SUPPLY SIDE)		1		
ERV COMPRESSOR TEMPERATURE CONTROL VALVE				1
ERV COMPRESSOR LEAVING WATER TEMP		1		
EXHAUST FAN START/STOP				1
EXHAUST FAN STATUS (CURRENT SENSOR)				1
EXHAUST FAN SPEED (VFD / ECM)			1	
EXHAUST AIR DAMPER ACTUATOR	1			1
HEAT RECOVERY WHEEL START/STOP				1
HEAT RECOVERY WHEEL STATUS (CURRENT SENSOR)				1
HEAT RECOVERY WHEEL SPEED			1	
ERV MIXED AIR TEMPERATURE		1		
ERV EXHAUST AIR TEMPERATURE		1		
RETURN AIR DAMPER ACTUATOR	1		1	
GENERAL EXHAUST AIR FLOW MEASURING STATION		2		
TEMPERED AIR FLOW MEASURING STATION		2		
HIGH STATIC PRESSURE SAFETY (SPS)	1			
DUCT MOUNTED STATIC PRESSURE SENSOR			1	
WSHP (TYPICAL)	DI	AI	AO	DO
DISCHARGE AIR TEMPERATURE		1		
TCV (TWO POSITION)				1
SPACE TEMPERATURE		1		
SPACE SETPOINT		1		
RETURN AIR / SPACE CO2 (WHERE INDICATED)		1		
GEOTHERMAL SUPPLY TEMPERATURE (COMMON)		1		
GEOTHERMAL RETURN TEMPERATURE (COMMON)		1		
SPACE HUMIDITY (WHERE INDICATED ON DRAWINGS)		1		

SCHEMATIC PLAN NOTES

1. EVERYTHING SHOWN INSIDE THIS LINE SHALL BE PROVIDED BY ERV MANUFACTURER.
2. ERV HEAT PUMP COMPRESSORS, CONTROLLED BY ERV MANUFACTURER CONTROLS.



A TYPICAL WSHP SCHEMATIC

SCALE: NONE

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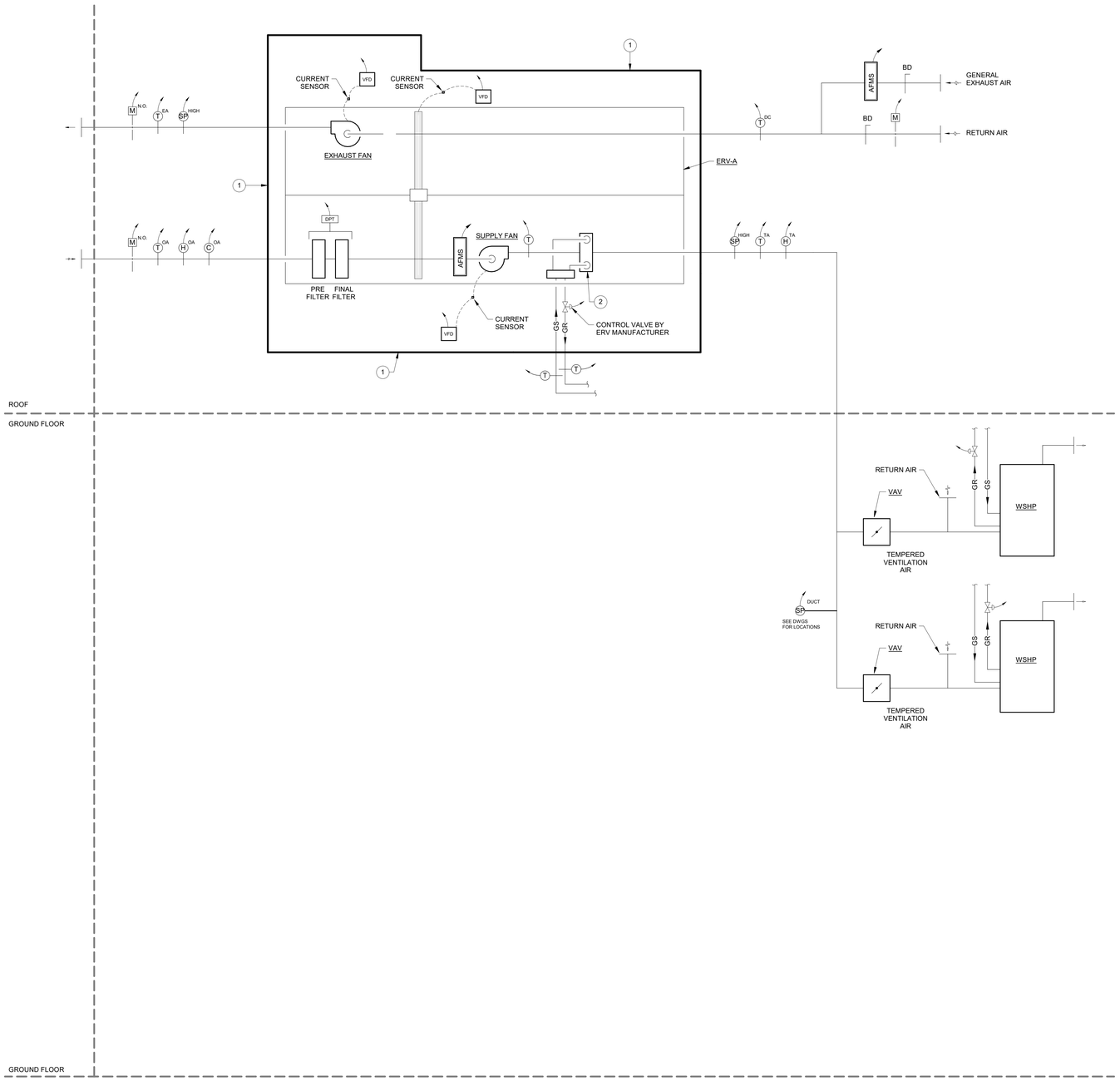
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	JMC	JMC

DRAWING TITLE:
CONTROLS - ERV & WSHP AIRFLOW SCHEMATICS

CERTIFIED BY:
Joseph Michael Cherry
REGISTERED
No. PE11700335
STATE OF
INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
M703

PROJECT NUMBER
2023061



1 ERV E WITH WSHP COIL AIRFLOW

SCALE: NONE

CONTROL POINTS LIST				
ITEM	SIGNAL TYPE			
ERV-E	DI	AI	AO	DO
OUTDOOR AIR TEMPERATURE (COMMON)		1		
OUTDOOR AIR HUMIDITY (COMMON)		1		
OUTDOOR AIR C02 (COMMON)		1		
OUTDOOR AIR ISOLATION DAMPER	1			1
FILTER DIFFERENTIAL PRESSURE		1		
SUPPLY FAN START / STOP				1
SUPPLY FAN STATUS (CURRENT SENSOR)		1		
SUPPLY FAN SPEED (VFD / ECM)			1	
TEMPERED AIR TEMPERATURE		1		
TEMPERED AIR HUMIDITY		1		
ENTHALPY WHEEL LEAVING AIR TEMPERATURE (SUPPLY SIDE)		1		
ERV COMPRESSOR TEMPERATURE CONTROL VALVE				1
ERV COMPRESSOR LEAVING WATER TEMP		1		
EXHAUST FAN START/STOP				1
EXHAUST FAN STATUS (CURRENT SENSOR)				1
EXHAUST FAN SPEED (VFD / ECM)			1	
EXHAUST AIR DAMPER ACTUATOR	1			1
HEAT RECOVERY WHEEL START/STOP				1
HEAT RECOVERY WHEEL STATUS (CURRENT SENSOR)				1
HEAT RECOVERY WHEEL SPEED			1	
ERV MIXED AIR TEMPERATURE		1		
ERV EXHAUST AIR TEMPERATURE		1		
RETURN AIR DAMPER ACTUATOR	1		1	
GENERAL EXHAUST AIR FLOW MEASURING STATION		2		
TEMPERED AIR FLOW MEASURING STATION		1		
HIGH STATIC PRESSURE SAFETY (SPS)	1			
DUCT MOUNTED STATIC PRESSURE SENSOR			1	

SCHEMATIC PLAN NOTES

1. EVERYTHING SHOWN INSIDE THIS LINE SHALL BE PROVIDED BY ERV MANUFACTURER.
2. ERV HEAT PUMP COMPRESSORS, CONTROLLED BY ERV MANUFACTURER CONTROLS.

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D&A# 23085

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
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On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	JMC	JMC

DRAWING TITLE:
CONTROLS - ERV-E AIRFLOW SCHEMATIC

CERTIFIED BY:
Joseph Michael Chrapla
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8/09/2024

DRAWING NUMBER
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PROJECT NUMBER
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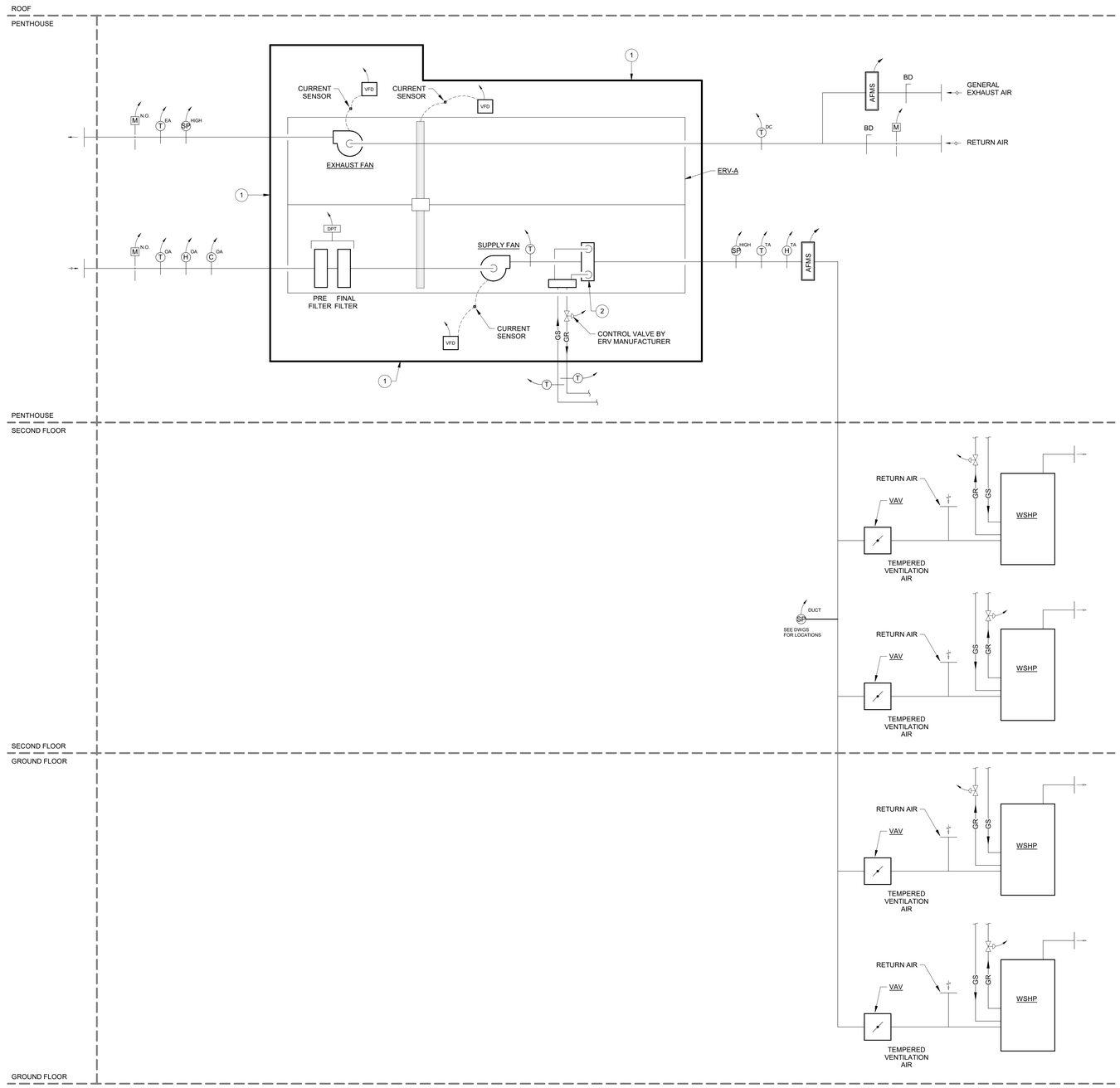

1 ERV F WITH WSHP COIL AIRFLOW

SCALE: NONE

CONTROL POINTS LIST				
ITEM	SIGNAL TYPE			
ERV-F	DI	AI	AO	DO
OUTDOOR AIR TEMPERATURE (COMMON)		1		
OUTDOOR AIR HUMIDITY (COMMON)		1		
OUTDOOR AIR C02 (COMMON)		1		
OUTDOOR AIR ISOLATION DAMPER	1			1
FILTER DIFFERENTIAL PRESSURE		1		
SUPPLY FAN START / STOP				1
SUPPLY FAN STATUS (CURRENT SENSOR)		1		
SUPPLY FAN SPEED (VFD / ECM)			1	
TEMPERED AIR TEMPERATURE		1		
TEMPERED AIR HUMIDITY		1		
ENTHALPY WHEEL LEAVING AIR TEMPERATURE (SUPPLY SIDE)		1		
ERV COMPRESSOR TEMPERATURE CONTROL VALVE				1
ERV COMPRESSOR LEAVING WATER TEMP		1		
EXHAUST FAN START/STOP				1
EXHAUST FAN STATUS (CURRENT SENSOR)				1
EXHAUST FAN SPEED (VFD / ECM)			1	
EXHAUST AIR DAMPER ACTUATOR	1			1
HEAT RECOVERY WHEEL START/STOP				1
HEAT RECOVERY WHEEL STATUS (CURRENT SENSOR)				1
HEAT RECOVERY WHEEL SPEED			1	
ERV MIXED AIR TEMPERATURE		1		
ERV EXHAUST AIR TEMPERATURE		1		
RETURN AIR DAMPER ACTUATOR	1		1	
GENERAL EXHAUST AIR FLOW MEASURING STATION		1		
TEMPERED AIR FLOW MEASURING STATION		1		
HIGH STATIC PRESSURE SAFETY (SPS)	1			
DUCT MOUNTED STATIC PRESSURE SENSOR			1	

SCHEMATIC PLAN NOTES

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
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DRAWING TITLE:
CONTROLS - ERV-F AIRFLOW SCHEMATIC

CERTIFIED BY:
Joseph Michael Chapla
REGISTERED
No. PE11700335
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8/09/2024

DRAWING NUMBER
M705

PROJECT NUMBER
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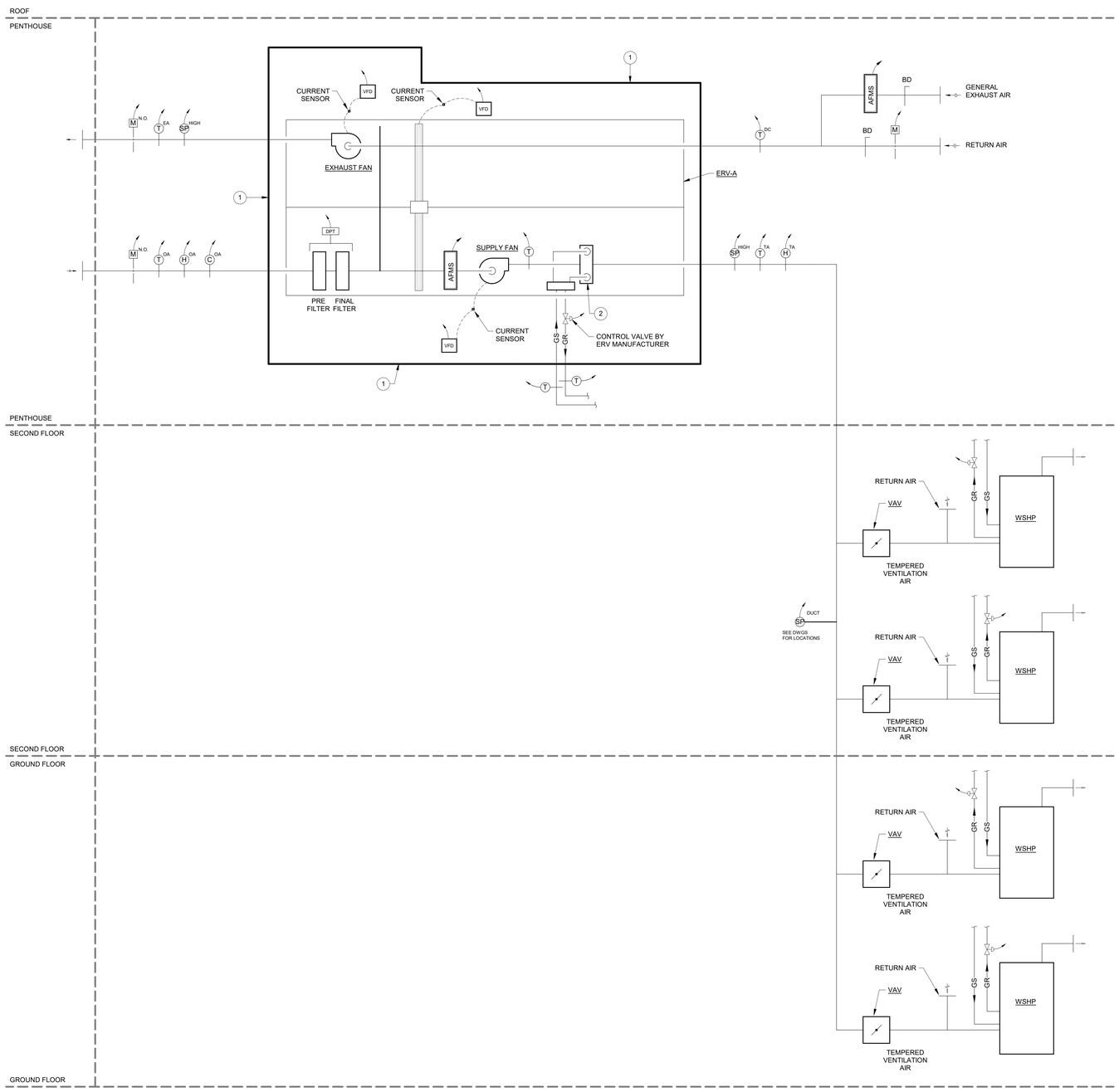

1 ERV G WITH WSHP COIL AIRFLOW

SCALE: NONE

CONTROL POINTS LIST				
ITEM	SIGNAL TYPE			
ERV-G	DI	AI	AO	DO
OUTDOOR AIR TEMPERATURE (COMMON)		1		
OUTDOOR AIR HUMIDITY (COMMON)		1		
OUTDOOR AIR C02 (COMMON)		1		
OUTDOOR AIR ISOLATION DAMPER	1			1
FILTER DIFFERENTIAL PRESSURE		1		
SUPPLY FAN START / STOP				1
SUPPLY FAN STATUS (CURRENT SENSOR)		1		
SUPPLY FAN SPEED (VFD / ECM)			1	
TEMPERED AIR TEMPERATURE		1		
TEMPERED AIR HUMIDITY		1		
ENTHALPY WHEEL LEAVING AIR TEMPERATURE (SUPPLY SIDE)		1		
ERV COMPRESSOR TEMPERATURE CONTROL VALVE				1
ERV COMPRESSOR LEAVING WATER TEMP		1		
EXHAUST FAN START/STOP				1
EXHAUST FAN STATUS (CURRENT SENSOR)				1
EXHAUST FAN SPEED (VFD / ECM)			1	
EXHAUST AIR DAMPER ACTUATOR	1			1
HEAT RECOVERY WHEEL START/STOP				1
HEAT RECOVERY WHEEL STATUS (CURRENT SENSOR)				1
HEAT RECOVERY WHEEL SPEED			1	
ERV MIXED AIR TEMPERATURE		1		
ERV EXHAUST AIR TEMPERATURE		1		
RETURN AIR DAMPER ACTUATOR	1		1	
GENERAL EXHAUST AIR FLOW MEASURING STATION		1		
TEMPERED AIR FLOW MEASURING STATION		1		
HIGH STATIC PRESSURE SAFETY (SPS)	1			
DUCT MOUNTED STATIC PRESSURE SENSOR			1	

SCHEMATIC PLAN NOTES

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WESTFIELD MIDDLE SCHOOL WEST
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ISSUE DATE	DRAWN BY	CHECKED BY
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DRAWING TITLE:
CONTROLS - ERV-G AIRFLOW SCHEMATIC

CERTIFIED BY:
Joseph Michael Chapla
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8/09/2024

DRAWING NUMBER
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PROJECT NUMBER
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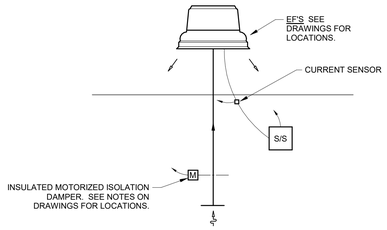


A TYPICAL EXHAUST FAN

SCALE: NONE

EXHAUST FAN

A. GENERAL EXHAUST FANS SHALL BE INDEXED ON THROUGH THE B.A.S. SYSTEM. EXHAUST FANS SHALL BE INDEXED ON WHEN AHU IS INDEXED TO OCCUPIED MODE UNLESS SPECIFICALLY NOTED OTHERWISE IN SEQUENCE OF OPERATION.

B. A CURRENT MONITOR SHALL ALARM B.A.S. IF FAN FAIL TO OPERATE WHEN INDEXED ON.

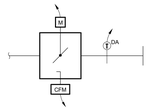
C. MOTORIZED DAMPER SHALL CLOSE WHEN FAN IS INDEXED OFF.

D. FUME HOOD EXHAUST FANS SHALL BE INDEXED ON/OFF BY SWITCH ON FUME HOOD.

E. SCIENCE ROOM AND CERAMICS CLASSROOM EXHAUST FANS SHALL BE INDEXED ON/OFF BY WALL SWITCH IN ROOM. MONITOR BY BAS.

F. KILN ROOM EXHAUST FAN SHALL BE INTERLOCKED WITH KILN OPERATION. FAN SHALL RUN FOR 30 MINUTES AFTER KILN IS DEENERGIZED.

CONTROL POINTS LIST				
ITEM	SIGNAL TYPE			
TYPICAL EF UNLESS NOTED OTHERWISE	DI	AI	AO	DO
REMOTE START/STOP AND DAMPER				1
CURRENT SENSOR		1		
MOTORIZED DAMPER			1	



B TYPICAL VAV SCHEMATIC

SCALE: NONE

TYPICAL VAV (VENTILATION)

A. OCCUPIED

1. VAV AIR VALVE SHALL MODULATE TO MAINTAIN 100% DESIGN AIRFLOW SETPOINT.

B. UNOCCUPIED

1. VAV AIR VALVE SHALL MODULATE TO MAINTAIN 50% DESIGN AIRFLOW SETPOINT.

CONTROL POINTS LIST				
ITEM	SIGNAL TYPE			
TYPICAL VAV	DI	AI	AO	DO
AIR VALVE ACTUATOR			1	
AIR VALVE CFM		1		
DISCHARGE AIR TEMPERATURE		1		

CONTROL POINTS LIST				
ITEM	SIGNAL TYPE			
MISC. CONTROL POINTS	DI	AI	AO	DO
KITCHEN EXHAUST HOOD STATUS (CURRENT SENSOR)		1		
KITCHEN MAKE-UP AIR UNIT STATUS (CURRENT SENSOR)		1		
KITCHEN MAKE-UP AIR UNIT BACNET INTERFACE	1			
NOTE: REFER TO DRAWINGS FS SERIES DRAWINGS FOR ADDTIONAL INFORMATION ON KITCHEN EQUIPMENT.				

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
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DRAWING TITLE:
CONTROLS - TERMINAL UNITS

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DRAWING NUMBER
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PROJECT NUMBER
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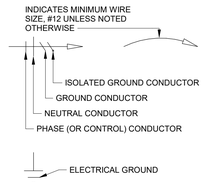
ABBREVIATIONS

A	AMPERE
AC	ALTERNATING CURRENT; ARMORED CABLE
ADJ	ADJUSTABLE
AF	AMPERE FUSE; AMPERE FRAME
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AMPERE INTERRUPTING CAPACITY
AL	ALUMINUM
ALCR	AUTOMATIC LOAD CONTROL RELAY
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
ASYM	ASYMMETRICAL
AT	AMPERE TRIP
ATS	AUTOMATIC TRANSFER SWITCH
AUX	AUXILIARY
AVG	AVERAGE
AWG	AMERICAN WIRE GUAGE
BATT	BATTERY
BPS	BOLTED PRESSURE SWITCH
BF	BOTTLE FILLER
C	CONDUIT; CENTRIGRADE
C/C	CENTER TO CENTER
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CD	CANDELA
CF	CUBIC FEET
CFL	COMPACT FLUORESCENT
CIRC	CIRCUIT
CLG	CEILING
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
COMB	COMBINATION
CONC	CONCRETE
COND	CONDUCTOR
CONT	CONTINUOUS; CONTINUED
CP	CONTROL PANEL
CPT	CONTROL POWER TRANSFORMER
CT	CURRENT TRANSFORMER
CU	COPPER; CUBIC
CU FT	CUBIC FOOT
CY	CUBIC YARD
CYL	CYLINDER
D	DEEP; DEPTH
DB	DECIBEL; DIRECT BURIED
DC	DIRECT CURRENT
DDC	DIRECT DIGITAL CONTROL
DF	DUAL FACE
DIA	DIAMETER
DIAG	DIAGONAL
DISC	DISCONNECT
DISTR	DISTRIBUTION
DN	DOWN
DPDT	DOUBLE POLE, DOUBLE THROW
DPST	DOUBLE POLE, SINGLE THROW
DWG	DRAWING
DX	DIRECT EXPANSION
E	EAST; EXISTING
EA	EACH
EBBR	ELECTRIC BASEBOARD RADIATION
EB	ELECTRONIC BALLAST
EC	ELECTRICAL CONTRACTOR
EGC	EQUIPMENT GROUNDING CONDUCTOR
ELEC	ELECTRICAL
ELEV	ELEVATOR; ELEVATION
EM	EMERGENCY
EMS	ENERGY MANAGEMENT SYSTEM
EMT	ELECTRICAL METALLIC TUBING
ENCL	ENCLOSURE
ENG	ENGINE
EQUIP	EQUIPMENT
EST	ESTIMATED
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
EXP	EXPOSED
EXT	EXTERIOR
F	FUSED; FAHRENHEIT
FA	FIRE ALARM
FAA	FIRE ALARM ANNUNCIATOR
FACP	FIRE ALARM CONTROL PANEL
FC	FOOT-CANDLE
FD	FUSED DISCONNECT
FDR	FEEDER
FIN	FINISHED
FIXT	FIXTURE
FLA	FULL LOAD AMPS
FLR	FLOOR
FLUOR	FLUORESCENT
FM	FREQUENCY MODULATION; FACTORY MUTUAL
FT	FOOT; FEET
FURN	FURNISHED
FVNR	FULL VOLTAGE NON-REVERSING
G	GROUND
GA	GUAGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GEN	GENERATOR
GFCI, GFI	GROUND FAULT CIRCUIT INTERRUPTER
GFP	GROUND FAULT PROTECTION
GND	GROUND
GRS, GRC	GALVANIZED RIGID STEEL CONDUIT
H	HIGH
HD	HEAVY DUTY; HIGH DEFINITION
HG	MERCURY
HOA	HAND-OFF-AUTOMATIC
HORIZ	HORIZONTAL
HP	HORSEPOWER
HPS	HIGH PRESSURE SODIUM
HR	HOUR
HRS/DAY	HOURS PER DAY
HT	HEIGHT
HV	HIGH VOLTAGE
HZ	HERTZ
ID	INSIDE DIAMETER
IDF	INTERMEDIATE DISTRIBUTION FRAME
IEEE	INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS
IG	ISOLATED GROUND
IMC	INTERMEDIATE METAL CONDUIT
IMP	IMPEDANCE
IN	INCH
INCAN	INCANDESCENT
INSUL	INSULATION; INSULATED
INT	INTERIOR; INTERNAL
INV EL	INVERTED ELEVATION
J	JOULE; JUNCTION
JB	JUNCTION BOX
K	THOUSAND
KCMIL	THOUSAND CIRCULAR MILS
KEC	KITCHEN EQUIPMENT CONSULTANT
KHZ	KILOHERTZ
KK	KIRK KEY
KP	KEYPAD
KV	KILOVOLT
KVA	KILOVOLT AMPERE
KVAR	KILOVOLT AMPERE REACTIVE
KW	KILOWATT
KWH	KILOWATT-HOUR
L	LENGTH; LONG; LUMEN
LB	POUND; ELL CONDUIT BODY
LED	LIGHT EMITTING DIODE
LF	LINEAR FOOT
LLD	LAMP LUMEN DEPRECIATION
LO	LOCK OUT
LRA	LOCKED ROTOR AMPS
LT	LIGHT; LIQUID-TIGHT
LTG	LIGHTING
LV	LOW VOLTAGE
M	METER
MA	MILLIAMPERE
MAG STR	MAGNETIC STARTER
MAN	MANUAL
MAT	MATERIAL
MATV	MASTER ANTENNA TELEVISION
MAX	MAXIMUM
MC	METAL CLAD CABLE; MOTOR CONTROLLER
MCA	MINIMUM CIRCUIT AMPS
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MCCB	MOLDED CASE CIRCUIT BREAKER
MCM	THOUSAND CIRCULAR MILS
MCP	MOTOR CIRCUIT PROTECTOR
MCS	MOTOR CIRCUIT SWITCH
MDF	MAIN DISTRIBUTION FRAME
MDP	MAIN DISTRIBUTION PANELBOARD
MED	MEDIUM
MFG	MANUFACTURING
MFR	MANUFACTURER
MH	MANHOLE; METAL HALIDE; MAN-HOUR
MHZ	MEGAHERTZ
MI	MINERAL INSULATED
MIC	MICROPHONE
MIN	MINIMUM; MINUTE
MISC	MISCELLANEOUS
MLO	MAIN LUGS ONLY
MOCP	MAXIMUM OVERCURRENT PROTECTION
MOG	MOGUL
MTD	MOUNTED
MTS	MANUAL TRANSFER SWITCH
MV	MEGAVOLT; MEDIUM VOLTAGE
MVA	MEGAVOLT AMPERES
MVAR	MEGAVOLT AMPERES REACTIVE
MW	MEGAWATT
N	NEUTRAL
N/A	NOT APPLICABLE
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCATION
NF	NON-FUSED
NFS	NON-FUSED DISCONNECT
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NM	NON-METALLIC SHEATHED CABLE
NO	NUMBER; NORMALLY OPEN
NTS	NOT TO SCALE
O&P	OVERHEAD AND PROFIT
OC	ON CENTER; OVERCURRENT
OD	OUTSIDE DIAMETER
OH	OVERHEAD
OL	OVERLOAD
OS&Y	OUTSIDE SCREW AND YOKE
OZ	OUNCE
P	POLE; PULL
PA	PUBLIC ADDRESS
PB	PUSH BUTTON; PULL BOX
PC	PHOTOCELL
PED	PEDESTAL
PF	POWER FACTOR
PH	PHASE
PIV	POST INDICATOR VALVE
PL	PILOT LIGHT
PNL	PANEL
PR	PAIR
PRI	PRIMARY
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSIG	POUNDS PER SQUARE INCH GUAGE
PT	POTENTIAL TRANSFORMER
PU	PER UNIT
PVC	POLYVINYL CHLORIDE
PWR	POWER
QUAN; QTY	QUANTITY
R	RESISTANCE; RELOCATED
RECEPT	RECEPTACLE
REF	REFERENCE
REFR	REFRIGERATOR
REQD	REQUIRED
RGS	RIGID GALVANIZED STEEL
RLA	RUNNING LOAD AMPS
RM	ROOM
RMC	RIGID METALLIC CONDUIT
RMS	ROOT MEAN SQUARE
RNC	RIGID NON-METALLIC CONDUIT
RT	RAINTIGHT
SCCR	SHORT-CIRCUIT CURRENT-RATING
SCHED	SCHEDULE
SCR	SHORT CIRCUIT RATING
SE	SERVICE ENTRACE; SERVICE EQUIPMENT
SEC	SECONDARY
SN	SOLID NEUTRAL
SP	SINGLE POLE
SPD	SURGE PROTECTIVE DEVICE
SPDT	SINGLE POLE, DOUBLE THROW
SPKR	SPEAKER
SPST	SINGLE POLE, SINGLE THROW
SQ	SQUARE
SQ FT	SQUARE FEET
SQ IN	SQUARE INCH
SS	STAINLESS STEEL; SAFETY SWITCH
S/S	START STOP
ST	SHUNT TRIP;
STD	STANDARD
SURF	SURFACE
SW	SWITCH
SWD	SWITCHING DUTY
SWBD	SWITCHBOARD
SQ YD	SQUARE YARD
SYM	SYMMETRICAL
T	TEMPERATURE; TRANFORMER
TB	TERMINAL BLOCK
TC	TIME CLOCK
TCC	TEMPERATURE CONTROLS CONTRACTOR
TCP	TEMPERATURE CONTROL PANEL
TD	TIME DELAY
TELE	TELEPHONE
TGB	TELECOMMUNICATIONS GROUNDING BUSBAR
THD	TOTAL HARMONIC DISTORTION; THREAD
TMGB	TELECOMMUNICATIONS MAIN GROUNDING BUSBAR
TO	TELECOMMUNICATIONS OUTLET
TR	TAMPER RESISTANT
TTB	TELEPHONE TERMAINAL BOARD
TV	TELEVISION
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
TYP	TYPICAL
UC	UNDER (CABINET OR COUNTER)
UF	UNDERGROUND FEEDER
UG	UNDERGROUND
UHF	ULTRA HIGH FREQUENCY
UL	UNDERWRITERS LABORATORY
UNFIN	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
UTIL	UTILITY
UTP	UNSHIELDED TWISTED PAIR
V	VOLT
VA	VOLT AMPERES
VAR	VOLT AMPERES REACTIVE
VERT	VERTICAL
VFD	VARIABLE FREQUENCY DRIVE
VHF	VERY HIGH FREQUENCY
VOL	VOLUME
W	WIRE; WATT; WIDE
W/	WITH
WAP	WIRELESS ACCESS POINT
WG	WIRE GUARD
WM	"WIREMOLD" (SURFACE RACEWAY)
WP	WEATHERPROOF
WT	WEIGHT; WATERTIGHT
XFMR	TRANSFORMER
XFER	TRANSFER
Y	WYE
°	DEGREE
Δ	DELTA
Ø	PHASE; DIAMETER
#	POUND; NUMBER
%	PERCENT
@	AT
~	APPROXIMATELY
'	FEET
"	INCHES

NOT ALL SYMBOLS ON THIS SHEET ARE USED IN THESE DOCUMENTS.

TYPICAL WIRING DESIGNATIONS



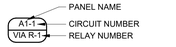
ROOM CIRCUIT DESIGNATIONS



* INDIVIDUAL CIRCUITS NUMBERS ARE LOCATED AT EACH DEVICE

ROOM CIRCUIT DESIGNATION SHOWN ABOVE APPLY TO EVERY DEVICE IN THE ROOM UNLESS NOTED OTHERWISE

ROOM CIRCUIT DESIGNATIONS WITH RELAY NUMBER



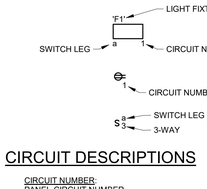
RACEWAYS

- CONDUIT, IN WALL OR CEILING
- CONDUIT, BELOW FLOOR
- CONDUIT, EXPOSED
- W — SURFACE RACEWAY ("WIREMOLD")
- CONDUIT, TURNING UP
- CONDUIT, TURNING DOWN
- CONDUIT, CAPPED
- UNDERFLOOR DUCT & JUNCTION BOX, SINGLE SYSTEM
- UNDERFLOOR DUCT & JUNCTION BOX, DUAL SYSTEM
- UNDERFLOOR DUCT & JUNCTION BOX, TRIPLE SYSTEM
- J — JUNCTION BOX
- P — PULL BOX

MISCELLANEOUS

- CLOCK (WALL)
- CLOCK (CEILING)
- BELL
- BUZZER
- THERMOSTAT
- ELECTRICAL GROUND

TYPICAL DEVICE DESIGNATIONS



CIRCUIT DESCRIPTIONS

CIRCUIT NUMBER:
PANEL-CIRCUIT NUMBER
(I.E. A1-1)

MULTIPLE INDIVIDUAL CIRCUIT NUMBERS:
PANEL-CIRCUIT NUMBER,CIRCUIT NUMBER,CIRCUIT NUMBER
(I.E. A1-1, A1-3)

2-POLE CIRCUIT NUMBER:
PANEL-CIRCUIT NUMBER/CIRCUIT NUMBER
(I.E. A1-1,3)

3-POLE CIRCUIT NUMBER:
PANEL-CIRCUIT NUMBER/CIRCUIT NUMBER/CIRCUIT NUMBER
(I.E. A1-1,3,5)

PANELS

- PANEL, FLUSH
- PANEL, SURFACE
- CONTROL PANEL (AS NOTED), FLUSH
- CONTROL PANEL (AS NOTED), SURFACE

POWER EQUIPMENT

- 1-PHASE MOTOR
- 3-PHASE MOTOR
- S_F — FUSIBLE BOX COVER SWITCH
- ENCLOSED SWITCH, NON-FUSIBLE
- F — ENCLOSED SWITCH, FUSIBLE
- CB — ENCLOSED CIRCUIT BREAKER
- MANUAL MOTOR STARTER
- P — MANUAL MOTOR STARTER WITH PILOT LIGHT
- MAGNETIC MOTOR STARTER
- COMBINATION DISCONNECT & MAGNETIC MOTOR STARTER
- T — SMALL TRANSFORMER
- VFD — VARIABLE FREQUENCY DRIVE
- PUSHBUTTON
- UP/DOWN PUSHBUTTON
- UP/DOWN/STOP PUSHBUTTON

RECEPTACLES AND OUTLETS

- DUPLEX RECEPTACLE
- HORIZONTAL DUPLEX RECEPTACLE
- DOUBLE DUPLEX (QUAD) RECEPTACLE
- DUPLEX RECEPTACLE ABOVE COUNTERTOP OR TOGGLE SWITCH HEIGHT WHERE NO COUNTER IS PRESENT
- DOUBLE DUPLEX (QUAD) RECEPTACLE ABOVE COUNTERTOP OR TOGGLE SWITCH HEIGHT WHERE NO COUNTER IS PRESENT
- GROUND FAULT CIRCUIT INTERRUPTER (GFCI) DUPLEX RECEPTACLE
- HORIZONTAL GFCI DUPLEX RECEPTACLE
- DOUBLE DUPLEX (QUAD) GFCI RECEPTACLE
- GFCI DUPLEX RECEPTACLE ABOVE COUNTERTOP OR TOGGLE SWITCH HEIGHT WHERE NO COUNTER IS PRESENT
- DOUBLE DUPLEX (QUAD) GFCI RECEPTACLE ABOVE COUNTERTOP OR TOGGLE SWITCH HEIGHT WHERE NO COUNTER IS PRESENT
- WP — GFCI/ WEATHERPROOF DUPLEX RECEPTACLE
- SINGLE RECEPTACLE
- FLUSH FLOOR OUTLET, ONE DUPLEX RECEPTACLE UNLESS NOTED OTHERWISE
- PT — FIRE-RATED POKE-THRU, DUAL-SERVICE WITH ONE QUADRAPLEX RECEPTACLE & FOUR DATA JACKS UNLESS NOTED OTHERWISE
- RED — PEDESTAL-TYPE FLOOR OUTLET, ONE DUPLEX RECEPTACLE UNLESS NOTED OTHERWISE
- CEILING CORD REEL. 3#12 TYPE SO CORD WITH 2 DUPLEX RECEPTACLES AND KELLUMS GRIPS UNLESS NOTED OTHERWISE
- SPECIAL OUTLET OR EQUIPMENT CONNECTION (AS NOTED)
- RECESSED FLOOR BOX, DUAL-SERVICE WITH 4-GANGS AND TWO DUPLEX RECEPTACLES UNLESS NOTED OTHERWISE
- MULTIOUTLET ASSEMBLY, LENGTH INDICATED, 16" AFF UNLESS NOTED OTHERWISE
  - INDICATES VERTICAL RUN
- LAB TOP PEDESTAL OUTLET, GFCI-TYPE DUPLEX RECEPTACLE
- LAB TOP PEDESTAL OUTLET, GFCI-TYPE QUADRIPLEX RECEPTACLE
- LAB TOP PEDESTAL OUTLET,TWO GFCI-TYPE DUPLEX RECEPTACLES
- LAB TOP PEDESTAL OUTLET, TWO GFCI-TYPE QUADRIPLEX RECEPTACLES

LIGHT FIXTURES

- LIGHT, CEILING
- LIGHT, CEILING
- LIGHT, WALL
- EXIT SIGN, CEILING
- EXIT SIGN, WALL
- EXIT SIGN WITH DIRECTIONAL ARROW, CEILING
- EXIT SIGN WITH DIRECTIONAL ARROW, WALL
- EMERGENCY LIGHTING UNIT
- TRACK LIGHT FIXTURE
- EMERGENCY LIGHT FIXTURE
- LIGHT FIXTURE DIRECTIONAL AIMING INDICATOR
- NL — NIGHT LIGHT

SWITCHES

- S — SWITCH, SINGLE POLE
- S_2 — SWITCH, DOUBLE POLE
- S_3 — SWITCH, THREE WAY
- S_4 — SWITCH, FOUR WAY
- S_K — SWITCH, KEY OPERATED
- S_P — SWITCH, WITH PILOT LIGHT
- S_{WP} — SWITCH, WEATHERPROOF
- S_X — SWITCH, EXPLOSIONPROOF
- S_D — SWITCH, DIMMER
- S_{TS} — SWITCH, SPRING WOUND, INTERVAL TIME SWITCH
- S_{DT} — SWITCH, DIGITAL INTERVAL TIME SWITCH
- S_{LV} — SWITCH, LOW VOLTAGE PUSH BUTTON
- LV — LOW-VOLTAGE TOUCHSCREEN LIGHTING CONTROL
- MT — MULTI-TECHNOLOGY CEILING OCCUPANCY SENSOR
- MC — MULTI-TECHNOLOGY WALL MOUNTED OCCUPANCY SENSOR
- US — ULTRASONIC CEILING OCCUPANCY SENSOR
- PI — PASSIVE INFRARED CEILING OCCUPANCY SENSOR
- S1 — SINGLE POLE WALL OCCUPANCY SENSOR
- S2 — TWO POLE WALL OCCUPANCY SENSOR
- SD — COMBINATION WALL OCCUPANCY SENSOR AND DIMMER
- DL — DAYLIGHT SENSOR
- TC — TIMECLOCK
- PC — PHOTOCELL
- PP — POWER PACK
- CC — LIGHTING CONTACTOR
- LCP — LIGHTING CONTROL PANEL
- LRP — LIGHTING RELAY PANEL
- ALCR — AUTOMATIC LOAD CONTROL RELAY (LIGHTING)
- EM — EMERGENCY MICRO INVERTER

FIRE ALARM SYSTEMS

- FACP — FIRE ALARM CONTROL PANEL
- FAA — FIRE ALARM ANNUNCIATOR
- F — MANUAL PULL STATION
- F — FIRE ALARM WALL HORN-STROBE
- FIRE ALARM WALL STROBE
- FIRE ALARM CEILING STROBE
- FIRE ALARM CEILING HORN-STROBE
- F — FIRE ALARM BELL
- EM — ELECTRO-MAGNETIC DOOR HOLDER
- R — FIRE ALARM ADDRESSIBLE INTERFACE DEVICE.
- P — PHOTOELECTRIC SMOKE DETECTOR
- D — DUCT TYPE SMOKE DETECTOR
- H — HEAT DETECTOR
- FS — SPRINKLER FLOW SWITCH
- TS — SPRINKLER TAMPERSWITCH
- RPS — FIRE ALARM REMOTE POWER SUPPLY

GENERAL NOTES:

1. COORDINATE LOCATIONS OF DEVICES TO BE INSTALLED IN CEILINGS WITH THE ARCHITECTURAL REFLECTED CEILING PLANS. NOTIFY ENGINEER OF ANY CONFLICTS PRIOR TO INSTALLATION.
2. 120 VOLT CIRCUITS SHALL UTILIZE SEPARATE INDEPENDENT NEUTRAL CONDUCTORS. DO NOT SHARE NEUTRALS.
3. CONTRACTOR SHALL COORDINATE WITH ALL TRADES. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR INCORRECT WORK, OR FOR INFRINGEMENT UPON OTHERS' WORK, DUE TO A LACK OF COORDINATION.
4. DEVICES IN GENERAL SHALL BE CENTERED IN WALL SPACE IN WHICH THEY ARE INSTALLED OR THEY SHALL BE SPACED SYMMETRICALLY (FOR EXAMPLE, CENTER DEVICES WHEN MOUNTED ON FACE OF COLUMNS).
5. COORDINATE AND VERIFY LOCATIONS OF DEVICES WITH BLOCK COURSING, FINISH MATERIALS, CASEWORK, ETC. PRIOR TO ROUGH-IN.
6. WIRING TO RECEPTACLES ON DEDICATED CIRCUITS SHALL BE A MINIMUM #10 AWG UNLESS OTHERWISE NOTED.
7. RECEPTACLES CONNECTED TO EMERGENCY CIRCUITS SHALL BE RED COLOR.
8. WIRING WITHIN ROOMS SHALL BE MINIMUM #12 AWG IN 3/4" EMT CONDUIT OR TYPE MC CABLE UNLESS OTHERWISE NOTED OR REQUIRED. HOMERUN WIRING SHALL BE IN CONDUIT.
9. COORDINATE LOCATION OF RECEPTACLES AT ELECTRIC WATER COOLERS (EWC) AND BOTTLE FILLERS WITH MANUFACTURER. PROVIDE DUPLEX RECEPTACLE SO THAT IT IS CONCEALED BY EWC AND BOTTLE FILLER HOUSING.
10. LOW VOLTAGE PLENUM-RATED CABLING (FIRE ALARM, LIGHTING CONTROL, ETC.) SHALL BE CONCEALED ABOVE ACCESSIBLE CEILINGS. FOR CABLES BEING ROUTED THROUGH AREAS WITH EXPOSED STRUCTURE OR INACCESSIBLE CEILINGS, INSTALL CABLES IN MINIMUM 1-INCH CONDUITS.
11. DEVICE BOXES SHALL BE FLUSH MOUNTED AND RACEWAYS SHALL BE CONCEALED.
12. WHERE SURFACE DEVICE BOXES ARE PERMITTED, DO NOT USE PLASTER RINGS. USE EXPOSED WORK COVERS INTENDED FOR THE PURPOSE.
13. WHERE SURFACE CONDUIT OR EMT IS PERMITTED, DO NOT USE CONDUIT HANGERS LESS THAN 8-FEET AFF. USE ONE- OR TWO-HOLE STRAPS SO THAT NO SHARP EDGES PROTRUDE FROM THE WALL.
14. PROVIDE 120V POWER CONNECTION TO MOTORIZED DAMPERS AT EXHAUST FANS.
15. PROVIDE FLUSH BACK BOXES AND CONCEALED RACEWAYS FOR THERMOSTATS. SEE MECHANICAL DRAWINGS FOR LOCATIONS.
16. A MAXIMUM OF THREE SINGLE-PHASE CIRCUITS SHALL BE INSTALLED IN A SINGLE CONDUIT.
17. LOCATION OF LIGHT FIXTURES IN MECHANICAL AND EQUIPMENT ROOMS SHALL BE COORDINATED IN FIELD AND LOCATED TO PROVIED THE BEST ILLUMINATION OF THE SPACE AND EQUIPMENT. COORDINATE WITH ENGINER.
18. COORDINATE EXACT LOCATION OF FLOOR OUTLETS AND OUTLETS AT TV LOCATIONS AND SIMILAR LOCATIONS PRIOR TO ROUGH-IN. OUTLETS AT TV LOCATIONS SHALL BE INSTALLED IN A RECESSED WALL BOX. SEE T-SERIES DRAWINGS.
19. COORDINATE WORK WITH TELECOMMUNICATIONS DRAWINGS AND SPECIFICATIONS. SEE T-SERIES DRAWINGS FOR PATHWAYS AND ELECTRICAL WORK.
20. PROVIDE FIRESTOPPING AT PENETRATIONS THROUGH FIRE-RATED CONSTRUCTION.
21. COORDINATE CORE DRILLING WITH STRUCTURAL ENGINEER.
22. CONTRACTOR SHALL COORDINATE OCCUPANCY SENSOR LOCATIONS AND ARRANGE FOR BEST OPERATION. PROVIDE HIGH-BAY OCCUPANCY SENSORS WHEN MOUNTED ABOVE 10'-0" AFF.
23. DEVICES ON WALLS SHALL BE INDIVIDUALLY FED FROM ABOVE (I.E. DO NOT INSTALL RACEWAYS OR CABLES HORIZONTALLY IN WALL UNLESS APPROVED).
24. INSTALL ABOVE-CEILING RACEWAYS AT LEAST 7-INCHES ABOVE CEILING TO ALLOW FOR REMOVAL OF CEILING TILES AND LIGHTS.
25. DO NOT INSTALL RACEWAYS IN FLOOR SLABS. INSTALL RACEWAYS BELOW SLAB ON GRADE AT LEAST 6-INCHES BELOW BOTTOM OF SLAB. FEEDER CONDUITS SHALL BE AT LEAST 24-INCHES BELOW BOTTOM OF SLAB.
26. UNLESS NOTED OTHERWISE, JUNCTION BOXES AND PULL BOXES SHALL BE LISTED AND LABELLED BY A NATIONALLY RECOGNIZED TESTING LABORATORY.

BRANCH CIRCUIT WIRING CHART

FEEDER CONDUCTOR SIZES SHOWN ON THESE BID DOCUMENTS HAVE BEEN SELECTED TO MAINTAIN LESS THAN 2% VOLTAGE DROP AT POTENTIAL FULL LOAD CONDITION (80% OF CIRCUIT SIZE) PER ANTICIPATED ROUTING AND CONDUCTOR LENGTH. BRANCH CIRCUIT CONDUCTORS SHALL BE SIZED TO MAINTAIN LESS THAN 3% VOLTAGE DROP FROM PANELBOARD TO LOAD BASED UPON 60% OF CIRCUIT SIZE LOAD CONDITIONS. THE FOLLOWING CHART REPRESENTS WIRE SIZES FOR A 20 AMP CIRCUIT BASED UPON CIRCUIT LENGTH IN ORDER TO MAINTAIN LESS THAN 3% VOLTAGE DROP FOR A 12 AMP LOAD. CONTRACTOR SHALL USE THIS CHART FOR BIDDING AND INSTALLATION GUIDELINES. FOR KNOWN CIRCUITS WITH LARGER LOAD CONDITIONS, CONTRACTOR SHALL ADJUST ACCORDINGLY. GROUND CONDUCTOR SIZES SHALL BE INCREASED SAME AS CIRCUIT CONDUCTORS, PER NEC. ADJUST RACEWAY SIZES ACCORDINGLY.

	BRANCH CIRCUIT CONDUCTOR LENGTH FOR 20 AMP CIRCUIT TO MAINTAIN LESS THAN 3% VOLTAGE DROP AT 12 AMP LOAD. ADJUST AS KNOWN CONDITIONS REQUIRE.					
WIRE SIZE	120V-1P	208V-1P	208V-3P	277V-1P	480V-3P	
#12	0'-80'	0'-140'	0'-160'	0'-185'	0'-375'	CONDUCTOR LENGTHS INDICATED ARE TO THE FIRST DEVICE (BUT MAINTAIN MAXIMUM 5% VOLTAGE DROP TO THE LAST DEVICE FOR KNOWN LOADS).
#10	81'-135'	141'-230'	161'-270'	186'-310'	376'-620'	
#8	136'-200'	231'-350'	271'-410'	311'-470'	621'-940'	
#6	201'-315'	351'-550'	411'-635'	471'-735'	941'-1475'	

TYPICAL MOUNTING HEIGHTS

DEVICE TYPE	HEIGHT
RECEPTACLE OUTLETS (GENERAL), TELEPHONE & DATA OUTLETS	16"
RECEPTACLE OUTLETS ABOVE 30" HIGH COUNTERTOPS, TELEPHONE AND DATA OUTLETS ABOVE 30" COUNTERTOPS	36"
RECEPTACLE OUTLETS ABOVE 36" HIGH COUNTERTOPS, TELEPHONE AND DATA OUTLETS ABOVE 36" COUNTERTOPS	42"
ELEVATOR AND HOISTWAY CONTROL BUTTONS	42" TO CENTER OF DEVICE BOX
CARD READERS, FIRE ALARM STATIONS, PUSH BUTTONS, THERMOSTATS, TOGGLE SWITCHES, WALL INTERCOM STATIONS, WALL TELEPHONE OUTLETS	48" TO TOP OF DEVICE BOX
SPECIAL PURPOSE OUTLETS	WITHIN 72" OF INTENDED USE.
FIRE ALARMS (GONGS, BELLS, HORNS, LIGHTS)	80", OR 6" BELOW CEILING, WHICHEVER IS LOWEST.
WALL LIGHTING OUTLETS	84" TO CENTER OF DEVICE BOX
CLOCKS	97" TO CENTER OF CLOCK, BUT AT LEAST 6" BETWEEN TOP OF CLOCK AND CEILING. ABOVE DOORS CENTER CLOCK BETWEEN TOP OF DOOR FRAME AND CEILING
BELLS, BUZZERS, CHIMES	96" TO CENTER OF DEVICE BOX,BUT AT LEAST 6" BELOW CEILING

NOTES:
1. MOUNTING HEIGHTS ARE TO BOTTOM OF DEVICE BOX UNLESS NOTED OTHERWISE.
2. COMPLY WITH ACCESSIBILITY CODE.

GENERAL NOTES - "CLOUD" AND EXPOSED CEILINGS:

1. REVIEW REFLECTED CEILING PLANS AND BID DOCUMENTS TO UNDERSTAND CEILING CONSTRUCTION IN AREAS PRIOR TO BID.
2. IT IS THE INTENT THAT THE VISIBILITY OF EXPOSED ELECTRICAL WORK IN EXPOSED AREAS AROUND "CLOUD" CEILINGS IS KEPT TO A MINIMUM AND SHALL BE AS NEAT AND FINISHED AS POSSIBLE.
3. INSTALL RACEWAYS IN EXPOSED AREAS AS HIGH AS POSSIBLE. COORDINATE WITH TRADES.
4. EXTEND RACEWAYS EXITING WALLS TO ABOVE ACCESSIBLE CEILING (BEYOND THE EXPOSED AREA). WALL PENETRATIONS SHALL BE COORDINATED WITH GENERAL TRADES TO PROVIDE A FINISHED APPEARANCE. REFER TO ROUGH-IN DETAILS.
5. J-HOOKS SHALL BE CONCEALED ABOVE SUSPENDED CEILINGS. DO NOT USE WALL MOUNTED J-HOOKS WITH EXPOSED CABLES IN EXPOSED AREAS AROUND "CLOUD" CEILINGS. INSTEAD, UTILIZE PENDANT MOUNTED J-HOOKS WITH THREADED ROD ABOVE ACCESSIBLE CEILING AREA OR OTHER APPROVED METHOD. COORDINATE IN FIELD.
6. INSTALL CONDUITS, JUNCTION BOXES, AND COVER PLATES PRIOR TO PAINTING OF EXPOSED AREAS.
7. ELECTRICAL ITEMS SHALL BE PAINTED.
8. CABLE TRAYS SHALL HAVE PAINTABLE SOLID COVER ON BOTTOM.

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D&AM 23085

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732 North Capitol Avenue
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Phone: (317) 636-4682
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the general requirements of the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all the labor, materials, workmanship and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

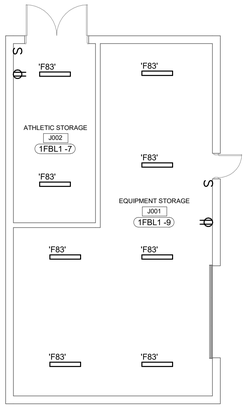
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	LPC	TEH

DRAWING TITLE:
SYMBOLS, ABBREVIATIONS, & GENERAL NOTES - ELECTRICAL

CERTIFIED BY:
TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

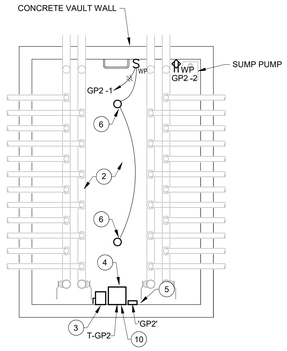
DRAWING NUMBER
E001

PROJECT NUMBER
2023061



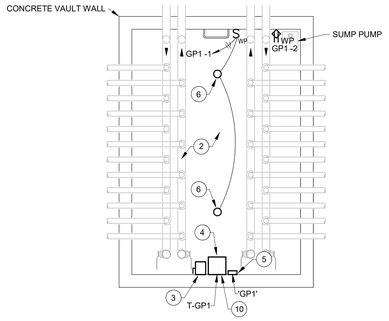
1 GROUND FLOOR - OUT BUILDING - ELECTRICAL

SCALE: 1/8" = 1'-0"



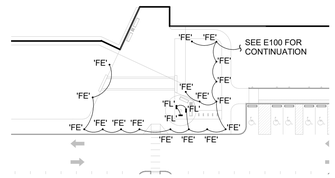
2 ENLARGED WEST GEOTHERMAL VAULT - ELECTRICAL

SCALE: 1/4" = 1'-0"



3 ENLARGED EAST GEOTHERMAL VAULT - ELECTRICAL

SCALE: 1/4" = 1'-0"



4 ENLARGED FRONT ENTRANCE - ELECTRICAL

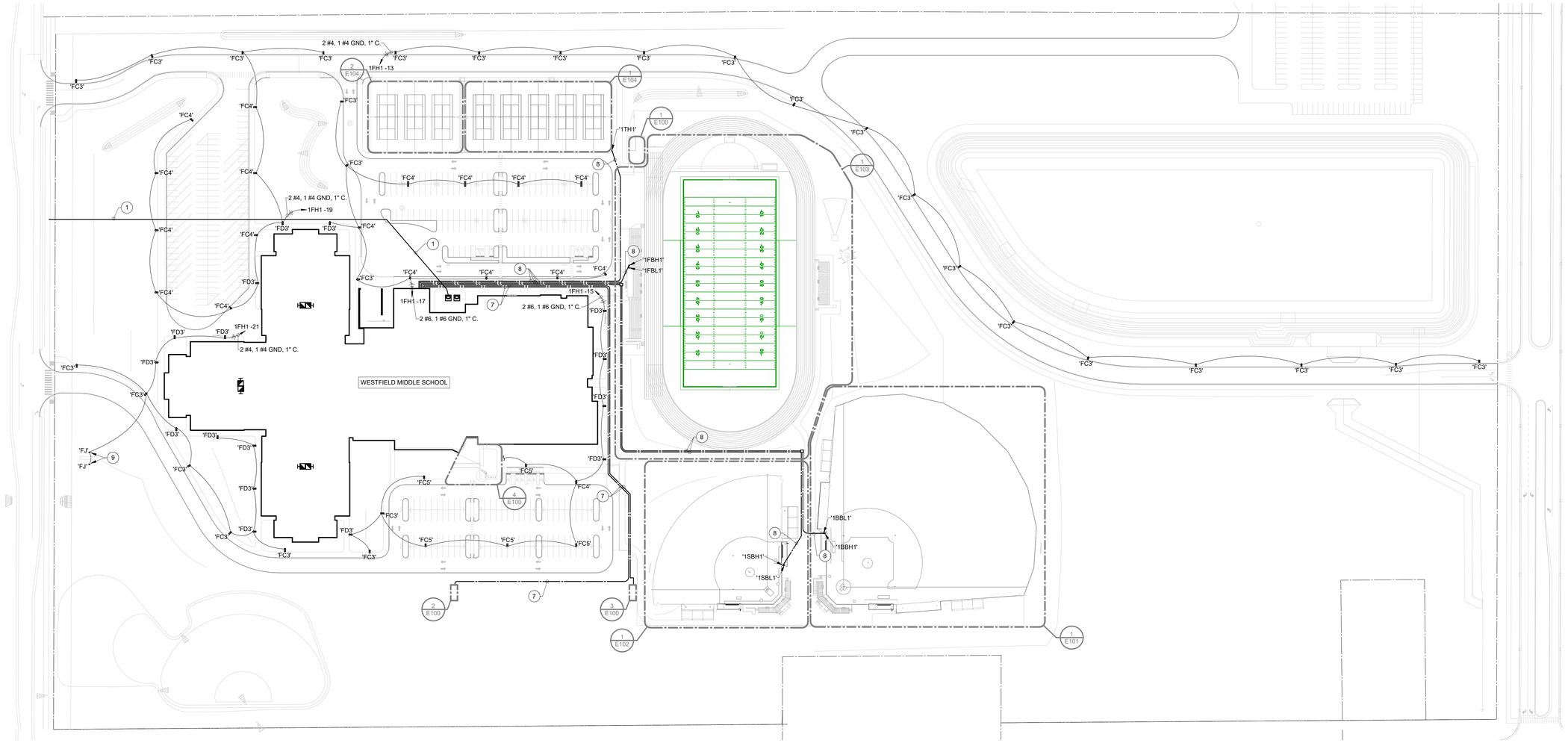
SCALE: 1" = 40'-0"

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.
2. ALL SITE LIGHTING CIRCUITS FED FROM PANEL '1FH1' TO BE ROUTED THROUGH CONTACTOR IN MAIN ELECTRICAL ROOM. SEE E301 FOR LOCATION. SEE E403 FOR CONTACTOR DETAILS.

PLAN NOTES:

1. PROVIDE TWO (2) 4-INCH SCH. 40 PVC CONDUITS FOR DUKE ENERGY PRIMARY CONDUCTORS. COORDINATE ALL WORK WITH DUKE ENERGY PRIOR TO BEGINNING WORK.
2. ALL SURFACE MOUNTED RACEWAYS IN GEOTHERMAL WELLS TO BE SCH. 40 PVC. ALL SURFACE MOUNTED BOXES AND ENCLOSURES SHALL BE NEMA 4X FIBERGLASS.
3. 30A, 2-POLE, NON-METALLIC, NON-FUSIBLE SWITCH. (MENNEKES ME 30MS SERIES)
4. 5 KVA TRANSFORMER. 480V PRIMARY, 120/240V SECONDARY. RESIN-ENCAPSULATED SINGLE-PHASE TRANSFORMER IN NEMA 4X STAINLESS STEEL ENCLOSURE. (SQUARE D 4XS540FSS SERIES)
5. LOAD CENTER. 60A FIXED MAIN LUGS, NON-METALLIC NEMA 3R ENCLOSURE. (SQUARE D QO24L60NRNM SERIES)
6. JELLY JAR LIGHT FIXTURE. MARINE GRADE POLYESTER THERMOPLASTIC HOUSING, CLEAR LENS, WET LOCATION RATED, CEILING MOUNTED, 16-WATT, 120-277 VAC. (SOLAS RAY IBVT-016-50-U-C-CM SERIES)
7. FEEDER FOR GEOTHERMAL VAULT CIRCUITS. SEE ONE-LINE DIAGRAM ON E501 FOR WIRE AND CONDUIT SIZE.
8. FEEDER FOR SPORTSLIGHTING PANEL. SEE ONE-LINE DIAGRAM ON E501 FOR WIRE AND CONDUIT SIZE.
9. LIGHTING AT MONUMENT SIGN. COORDINATE AIMING AND EXACT LOCATION IN FIELD PRIOR TO ROUGH-IN.
10. BOND TRANSFORMER NEUTRAL TO STEEL/REBAR FOR GEOTHERMAL VAULT. PROVIDE 5/8-INCH BY 10-FOOT GROUND ROD AND #8 AWG WIRING BETWEEN TRANSFORMER NEUTRAL AND GROUND ROD. BOND TRANSFORMER NEUTRAL TO METAL LADDER.



SITE PLAN - ELECTRICAL

SCALE: 1" = 80'-0"

NORTH

W

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PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST

BID DOCUMENTS

17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. The drawings and specifications are intended to describe all work required for full performance and completion of the requirements of the Contract.
Any item of work not specifically scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	JPS	TEH

DRAWING TITLE:

SITE PLAN - ELECTRICAL

CERTIFIED BY:

TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER

Timothy E. Hill 8/09/2024

DRAWING NUMBER

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PROJECT NUMBER

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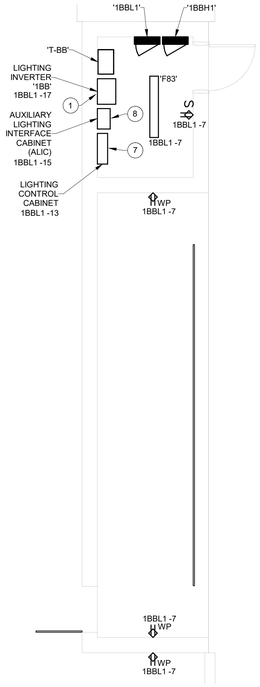
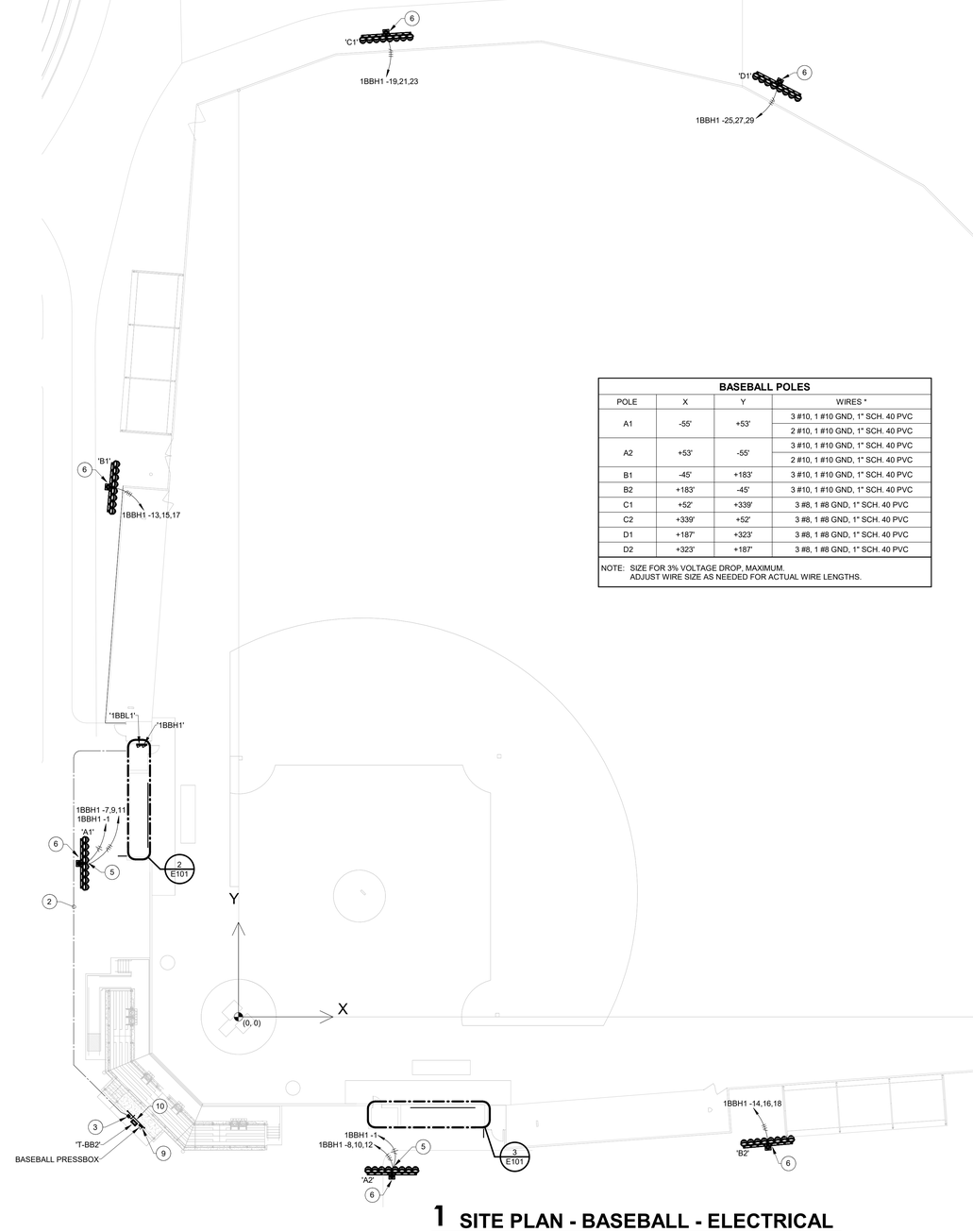


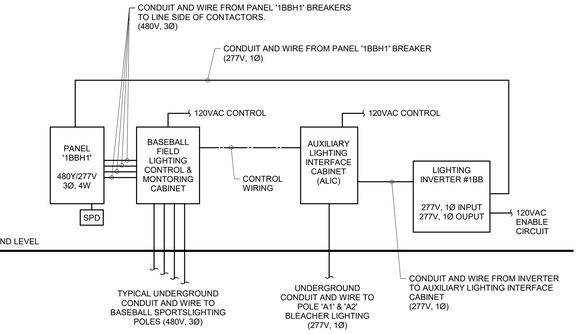
2 ENLARGED 3RD BASE DUGOUT - BASEBALL

SCALE: 1/4" = 1'-0"



1 SITE PLAN - BASEBALL - ELECTRICAL

SCALE: 1" = 20'-0"



A BASEBALL FIELD - LIGHTING - SCHEMATIC

SCALE: NONE

BASEBALL POLES			
POLE	X	Y	WIRES *
A1	-55'	+53'	3 #10, 1 #10 GND, 1" SCH. 40 PVC
			2 #10, 1 #10 GND, 1" SCH. 40 PVC
A2	+53'	-55'	3 #10, 1 #10 GND, 1" SCH. 40 PVC
			2 #10, 1 #10 GND, 1" SCH. 40 PVC
B1	-45'	+183'	3 #10, 1 #10 GND, 1" SCH. 40 PVC
B2	+183'	-45'	3 #10, 1 #10 GND, 1" SCH. 40 PVC
C1	+52'	+339'	3 #8, 1 #8 GND, 1" SCH. 40 PVC
C2	+339'	+52'	3 #8, 1 #8 GND, 1" SCH. 40 PVC
D1	+187'	+323'	3 #8, 1 #8 GND, 1" SCH. 40 PVC
D2	+323'	+187'	3 #8, 1 #8 GND, 1" SCH. 40 PVC

NOTE: SIZE FOR 3% VOLTAGE DROP, MAXIMUM.
ADJUST WIRE SIZE AS NEEDED FOR ACTUAL WIRE LENGTHS.

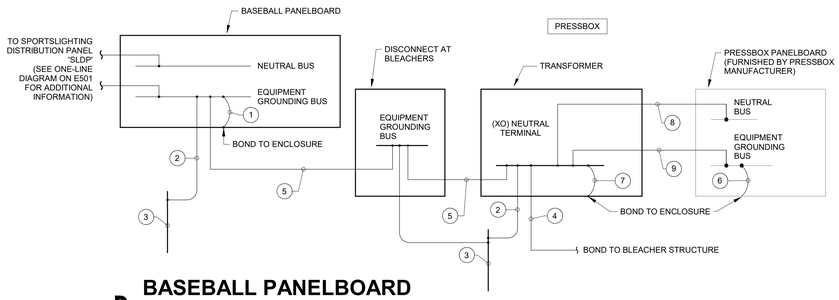
GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.
2. CONDUCTORS SHALL BE COPPER THWN-2.

PLAN NOTES:

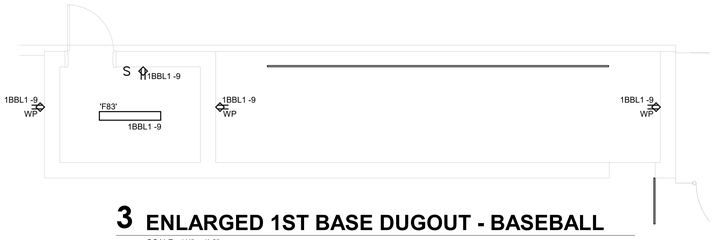
1. EMERGENCY LIGHTING INVERTER. 277V INPUT, 277V OUTPUT. 1750 VA. MYERS ILLUMINATOR SR SERIES.
2. FEEDER FROM BASEBALL PANEL TO BASEBALL PRESS BOX. SEE ONE-LINE DIAGRAM ON SHEET E501.
3. 60A, 3-POLE, FUSIBLE SWITCH. NEMA 3R ENCLOSURE.
4. 30A, 2-POLE, NON-FUSIBLE SWITCH. NEMA 3R ENCLOSURE.
5. 277V CIRCUIT FOR BLEACHER LIGHTING AND 480V CIRCUIT FOR BASEBALL FIELD LIGHTING. SEE A/E101 FOR LIGHTING SCHEMATIC.
6. PROVIDE SPORTSLIGHTING FIXTURES, POLE, AND FOUNDATION. PROVIDE A GROUND ROD AT EACH POLE AND #8 AWG BETWEEN POLE AND GROUND ROD.
7. LIGHTING CONTROL CONTACTOR CABINET FURNISHED WITH SPORTSLIGHTING PACKAGE AND INSTALLED BY CONTRACTOR. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
8. AUXILIARY LIGHTING INTERFACE CABINET FURNISHED WITH SPORTSLIGHTING PACKAGE AND INSTALLED BY CONTRACTOR. INSTALL PER MANUFACTUER'S INSTRUCTIONS.
9. PANELBOARD PROVIDED BY BASEBALL PRESSBOX MANUFACTURER. CONFIRM EXACT LOCATION IN FIELD PRIOR TO ROUGH-IN.
10. PROVIDE EQUIPMENT RACK FOR EQUIPMENT MOUNTED BENEATH BLEACHERS AND PRESSBOX. SEE DETAILS ON SHEET E403.
11. PROVIDE A GROUND ROD AT SCOREBOARD AND #8 AWG BETWEEN SCOREBOARD SUPPORT POLE AND GROUND ROD.

1. MAIN BONDING JUMPER
2. GROUNDING ELECTRODE CONDUCTOR: 6 AWG COPPER.
3. GROUND ROD - 5/8-INCH BY 10-FOOT COPPER-CLAD. TOP OF ROD TO BE 12-INCHES BELOW GRADE
4. SUPPLY-SIDE BONDING JUMPER (SSBJ). REFER TO "GEC AND CONDUIT" COLUMN IN DISTRIBUTION TRANSFORMER FEEDER AND GROUNDING SCHEDULE FOR CONDUCTOR AND CONDUIT SIZE
5. EQUIPMENT GROUNDING CONDUCTOR. REFER TO "PRIMARY FEEDER" COLUMN IN DISTRIBUTION TRANSFORMER FEEDER AND GROUNDING SCHEDULE FOR CONDUCTOR SIZE.
6. SUPPLY-SIDE BONDING JUMPER (SSBJ). REFER TO "GEC AND CONDUIT" COLUMN IN DISTRIBUTION TRANSFORMER FEEDER AND GROUNDING SCHEDULE FOR CONDUCTOR AND CONDUIT SIZE.
7. SYSTEM BONDING JUMPER (SBJ). REFER TO "SBJ" COLUMN IN DISTRIBUTION TRANSFORMER FEEDER AND GROUNDING SCHEDULE.
8. GROUNDED (NEUTRAL) CONDUCTOR. REFER TO "SECONDARY FEEDER" COLUMN FOR CONDUCTOR SIZE.
9. SSBJ. REFER TO GROUNDING CONDUCTOR SIZE IN "SECONDARY FEEDER" COLUMN IN DISTRIBUTION TRANSFORMERFEEDER AND GROUNDING SCHEDULE.



B BASEBALL PANELBOARD GROUNDING - ELECTRICAL

SCALE: NONE



3 ENLARGED 1ST BASE DUGOUT - BASEBALL

SCALE: 1/4" = 1'-0"

0 1 2 3 4 8 12 16
1 2 3 4

0 5 10 20 40 60 80
1 2 3 4

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D&A# 23085

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. The Contract Documents, of which these drawings are a part, describe all work required for full performance and completion of the requirements of the Contract.
The work to be performed is the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

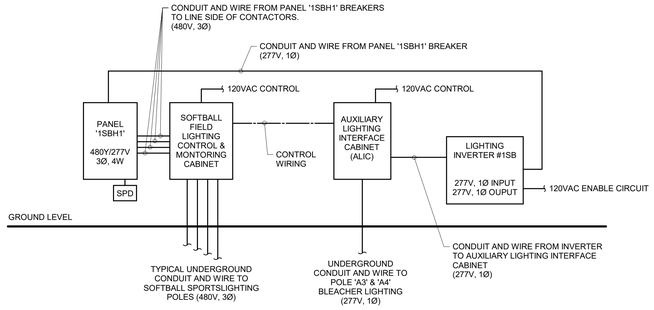
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	JPS	TEH

DRAWING TITLE:
SITE PLAN - BASEBALL - ELECTRICAL

CERTIFIED BY:
TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER
Timothy E. Hill 8/09/2024

DRAWING NUMBER
E101

PROJECT NUMBER
2023061



A SOFTBALL FIELD - LIGHTING - SCHEMATIC

SCALE: NONE

GENERAL NOTES:

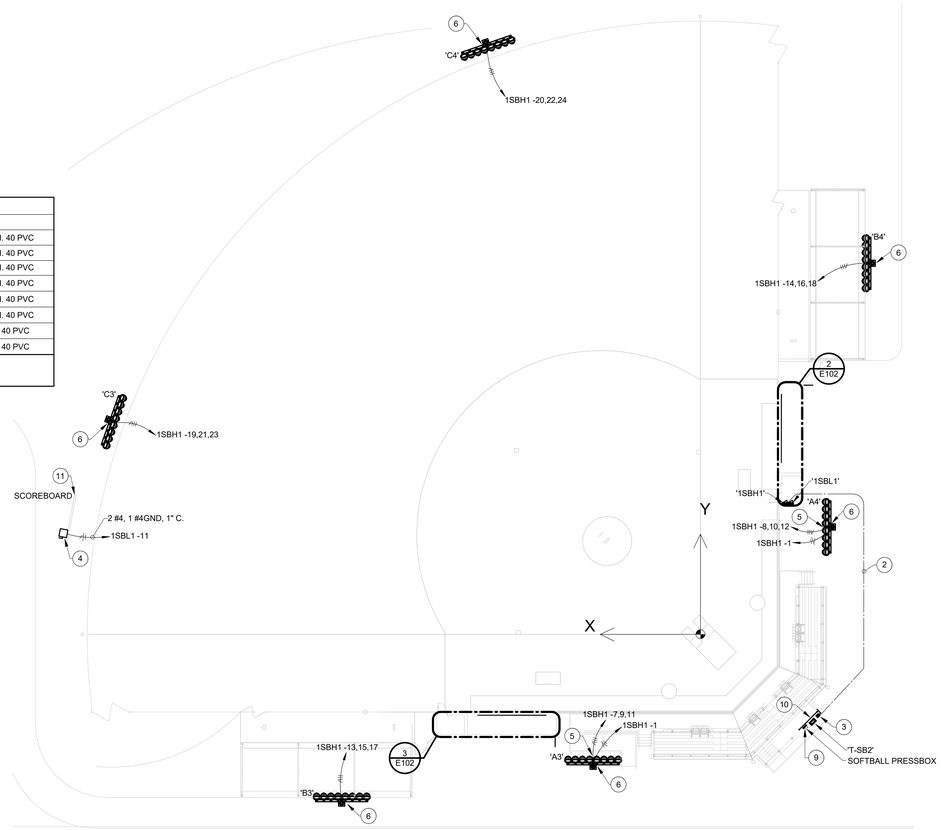
1. SEE E001 FOR GENERAL NOTES.
2. CONDUCTORS SHALL BE COPPER THWN-2.

(#) PLAN NOTES:

1. EMERGENCY LIGHTING INVERTER. 277V INPUT, 277V OUTPUT. 1750 VA. MYERS ILLUMINATOR SR SERIES.
2. FEEDER FROM SOFTBALL PANEL TO PRESS BOX. SEE ONE-LINE DIAGRAM ON SHEET E501.
3. 60A, 3-POLE, FUSIBLE SWITCH. NEMA 3R ENCLOSURE.
4. 30A, 2-POLE, NON-FUSIBLE SWITCH. NEMA 3R ENCLOSURE.
5. 277V CIRCUIT FOR BLEACHER LIGHTING AND 480V CIRCUIT FOR SOFTBALL FIELD LIGHTING. SEE A/E102 FOR LIGHTING SCHEMATIC.
6. PROVIDE SPORTSLIGHTING FIXTURES, POLE, AND FOUNDATION. PROVIDE A GROUND ROD AT EACH POLE AND #8 AWG BETWEEN POLE AND GROUND ROD.
7. LIGHTING CONTROL CONTACTOR CABINET FURNISHED WITH SPORTSLIGHTING PACKAGE AND INSTALLED BY CONTRACTOR. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
8. AUXILIARY LIGHTING INTERFACE CABINET FURNISHED WITH SPORTSLIGHTING PACKAGE AND INSTALLED BY CONTRACTOR. INSTALL PER MANUFACTUER'S INSTRUCTIONS.
9. PANELBOARD PROVIDED BY SOFTBALL PRESSBOX MANUFACTURER. CONFIRM EXACT LOCATION IN FIELD PRIOR TO ROUGH-IN.
10. PROVIDE EQUIPMENT RACK FOR EQUIPMENT MOUNTED BENEATH BLEACHERS AND PRESSBOX. SEE DETAILS ON SHEET E403.
11. PROVIDE A GROUND ROD AT SCOREBOARD AND #8 AWG BETWEEN SCOREBOARD SUPPORT POLE AND GROUND ROD.

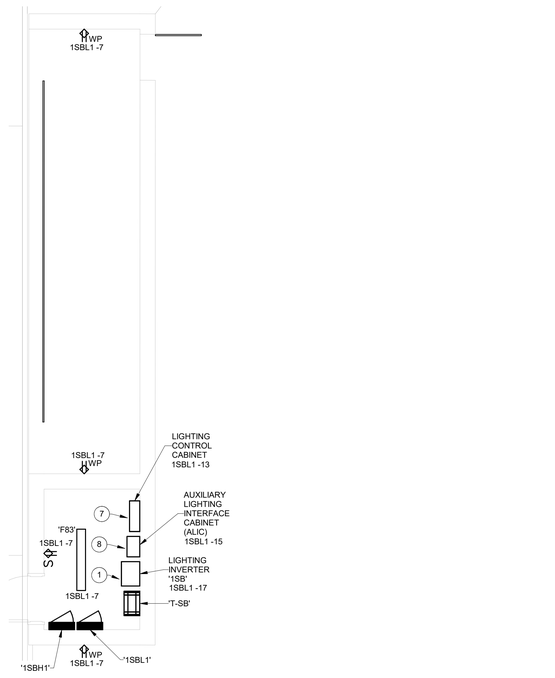
SOFTBALL POLES			
POLE	X	Y	WIRES *
A3	+35'	-43'	3 #10, 1 #10 GND, 1" SCH. 40 PVC
			2 #10, 1 #10 GND, 1" SCH. 40 PVC
A4	-43'	+35'	3 #10, 1 #10 GND, 1" SCH. 40 PVC
			2 #10, 1 #10 GND, 1" SCH. 40 PVC
B3	+115'	-55'	3 #10, 1 #10 GND, 1" SCH. 40 PVC
B4	-55'	+121'	3 #10, 1 #10 GND, 1" SCH. 40 PVC
C3	+193'	+70'	3 #8, 1 #8 GND, 1" SCH. 40 PVC
C4	+70'	+193'	3 #8, 1 #8 GND, 1" SCH. 40 PVC

NOTE: SIZE FOR 3% VOLTAGE DROP, MAXIMUM.
ADJUST WIRE SIZE AS NEEDED FOR ACTUAL WIRE LENGTHS.



1 SITE PLAN - SOFTBALL - ELECTRICAL

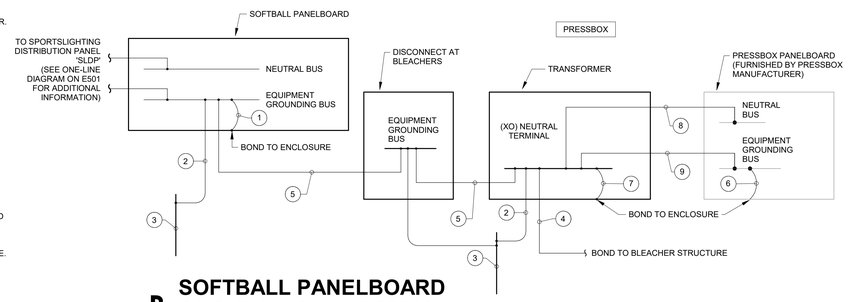
SCALE: 1" = 20'-0"



2 ENLARGED 1ST BASE DUGOUT - SOFTBALL

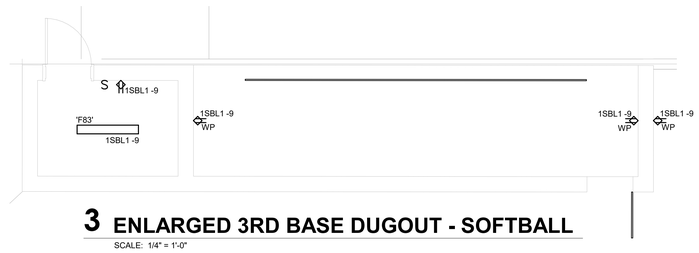
SCALE: 1/4" = 1'-0"

1. MAIN BONDING JUMPER
2. GROUNDING ELECTRODE CONDUCTOR: 6 AWG COPPER.
3. GROUND ROD - 5/8-INCH BY 10-FOOT COPPER-CLAD. TOP OF ROD TO BE 12-INCHES BELOW GRADE
4. SUPPLY-SIDE BONDING JUMPER (SSBJ). REFER TO "GEC AND CONDUIT" COLUMN IN DISTRIBUTION TRANSFORMER FEEDER AND GROUNDING SCHEDULE FOR CONDUCTOR AND CONDUIT SIZE
5. EQUIPMENT GROUNDING CONDUCTOR. REFER TO "PRIMARY FEEDER" COLUMN IN DISTRIBUTION TRANSFORMER FEEDER AND GROUNDING SCHEDULE FOR CONDUCTOR SIZE.
6. SUPPLY-SIDE BONDING JUMPER (SSBJ). REFER TO "GEC AND CONDUIT" COLUMN IN DISTRIBUTION TRANSFORMER FEEDER AND GROUNDING SCHEDULE FOR CONDUCTOR AND CONDUIT SIZE.
7. SYSTEM BONDING JUMPER (SBJ). REFER TO "SBJ" COLUMN IN DISTRIBUTION TRANSFORMER FEEDER AND GROUNDING SCHEDULE.
8. GROUNDED (NEUTRAL) CONDUCTOR. REFER TO "SECONDARY FEEDER" COLUMN FOR CONDUCTOR SIZE.
9. SSBJ. REFER TO GROUNDING CONDUCTOR SIZE IN "SECONDARY FEEDER" COLUMN IN DISTRIBUTION TRANSFORMERFEEDER AND GROUNDING SCHEDULE.



B SOFTBALL PANELBOARD GROUNDING - ELECTRICAL

SCALE: NONE



3 ENLARGED 3RD BASE DUGOUT - SOFTBALL

SCALE: 1/4" = 1'-0"

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Fax (317) 639-8725

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings and specifications are intended to describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	JPS	TEH

DRAWING TITLE:
SITE PLAN - SOFTBALL - ELECTRICAL

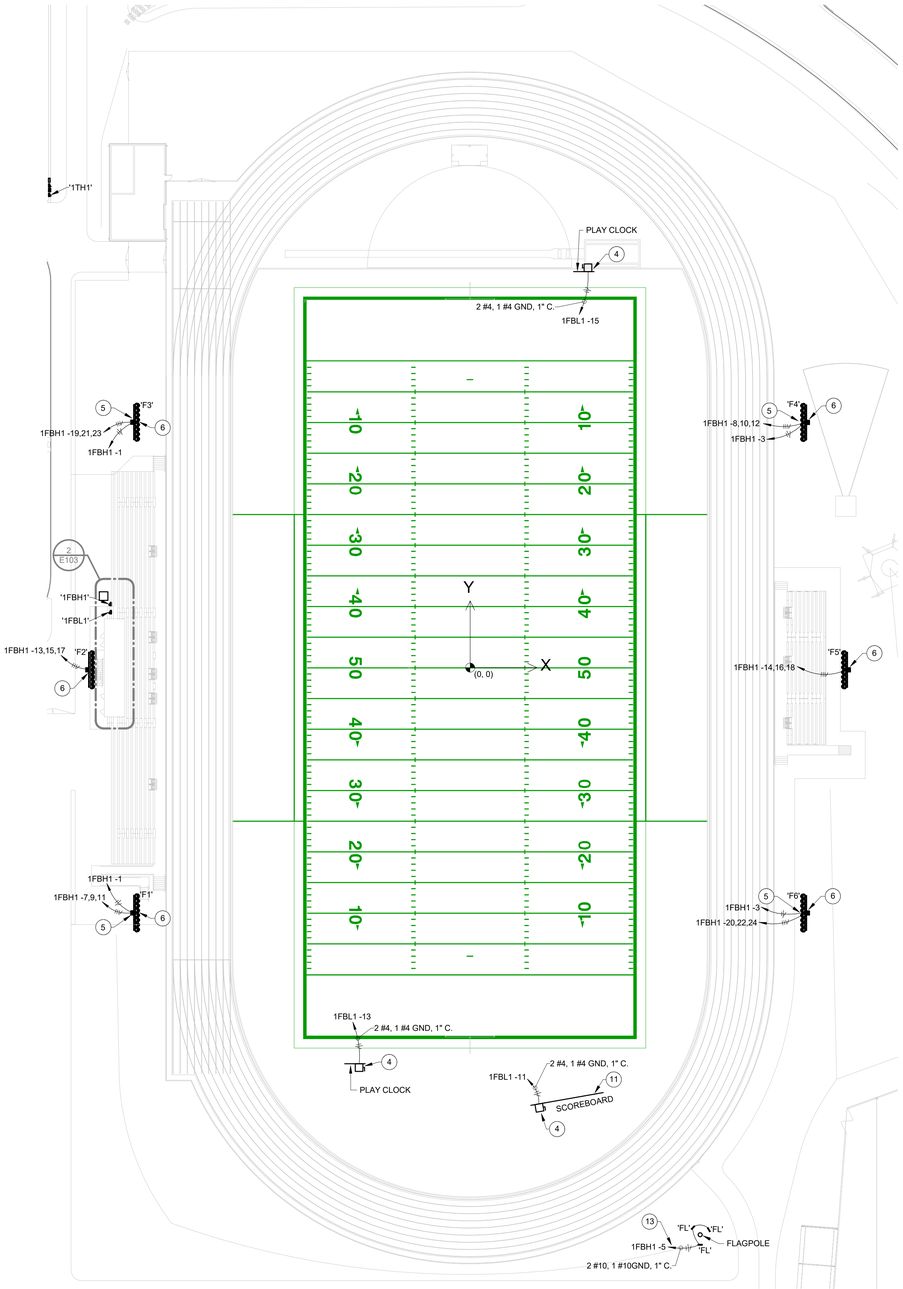
CERTIFIED BY:
TIMOTHY E. HILL REGISTERED No. PE19800083 STATE OF INDIANA PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
E102

PROJECT NUMBER
2023061

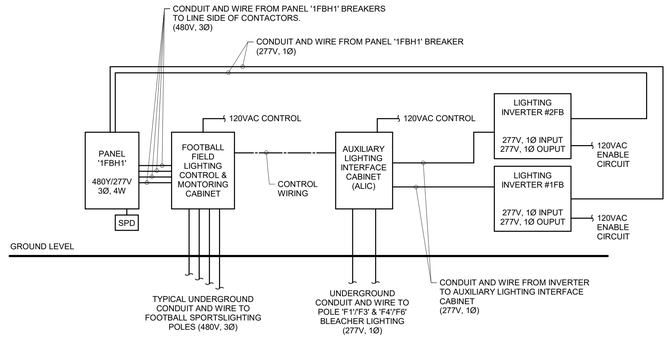
FOOTBALL POLES			
POLE	X	Y	WIRES *
F1	-165'	-120'	3 #10, 1 #10 GND, 1" SCH. 40 PVC
			2 #10, 1 #10 GND, 1" SCH. 40 PVC
F2	-190'	+0'	3 #10, 1 #10 GND, 1" SCH. 40 PVC
F3	-165'	+120'	3 #10, 1 #10 GND, 1" SCH. 40 PVC
			2 #10, 1 #10 GND, 1" SCH. 40 PVC
F4	+165	+120'	3 #8, 1 #8 GND, 1" SCH. 40 PVC
			2 #8, 1 #8 GND, 1" SCH. 40 PVC
F5	+185'	+0'	3 #8, 1 #8 GND, 1" SCH. 40 PVC
F6	+165'	-120'	3 #8, 1 #8 GND, 1" SCH. 40 PVC
			2 #8, 1 #8 GND, 1" SCH. 40 PVC

NOTE: SIZE FOR 3% VOLTAGE DROP, MAXIMUM.
ADJUST WIRE SIZE AS NEEDED FOR ACTUAL WIRE LENGTHS.



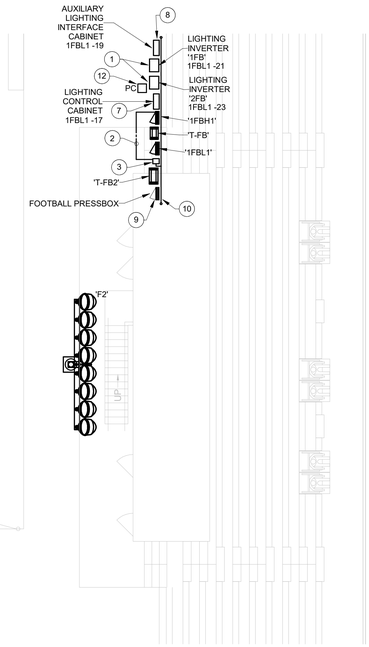
1 SITE PLAN - FOOTBALL - ELECTRICAL

SCALE: 1" = 30'-0"



A FOOTBALL FIELD - LIGHTING - SCHEMATIC

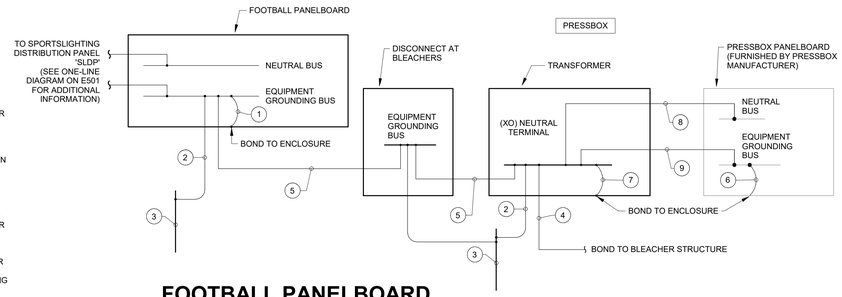
SCALE: NONE



2 ENLARGED FOOTBALL PRESSBOX - ELECTRICAL

SCALE: 1/8" = 1'-0"

1. MAIN BONDING JUMPER
2. GROUNDING ELECTRODE CONDUCTOR: 6 AWG COPPER.
3. GROUND ROD - 5/8-INCH BY 10-FOOT COPPER-CLAD. TOP OF ROD TO BE 12-INCHES BELOW GRADE
4. SUPPLY-SIDE BONDING JUMPER (SSBJ). REFER TO "GEC AND CONDUIT" COLUMN IN DISTRIBUTION TRANSFORMER FEEDER AND GROUNDING SCHEDULE FOR CONDUCTOR AND CONDUIT SIZE
5. EQUIPMENT GROUNDING CONDUCTOR. REFER TO "PRIMARY FEEDER" COLUMN IN DISTRIBUTION TRANSFORMER FEEDER AND GROUNDING SCHEDULE FOR CONDUCTOR SIZE.
6. SUPPLY-SIDE BONDING JUMPER (SSBJ). REFER TO "GEC AND CONDUIT" COLUMN IN DISTRIBUTION TRANSFORMER FEEDER AND GROUNDING SCHEDULE FOR CONDUCTOR AND CONDUIT SIZE.
7. SYSTEM BONDING JUMPER (SBJ). REFER TO "SBJ" COLUMN IN DISTRIBUTION TRANSFORMER FEEDER AND GROUNDING SCHEDULE.
8. GROUNDED (NEUTRAL) CONDUCTOR. REFER TO "SECONDARY FEEDER" COLUMN FOR CONDUCTOR SIZE.
9. SSBJ. REFER TO GROUNDING CONDUCTOR SIZE IN "SECONDARY FEEDER" COLUMN IN DISTRIBUTION TRANSFORMERFEEDER AND GROUNDING SCHEDULE.



B FOOTBALL PANELBOARD GROUNDING - ELECTRICAL

SCALE: NONE

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.
2. CONDUCTORS SHALL BE COPPER THWN-2.

(#) PLAN NOTES:

1. EMERGENCY LIGHTING INVERTER. 277V INPUT, 277V OUTPUT. 1750 VA. MYERS ILLUMINATOR SR SERIES.
2. FEEDER FROM FOOTBALL PANEL TO PRESS BOX. SEE ONE-LINE DIAGRAM ON SHEET E501.
3. 60A, 3-POLE, FUSIBLE SWITCH. NEMA 3R ENCLOSURE.
4. 30A, 2-POLE, NON-FUSIBLE SWITCH. NEMA 3R ENCLOSURE.
5. 277V CIRCUIT FOR BLEACHER LIGHTING AND 480V CIRCUIT FOR FOOTBALL FIELD LIGHTING. SEE A/E103 FOR LIGHTING SCHEMATIC.
6. PROVIDE SPORTSLIGHTING FIXTURES, POLE, AND FOUNDATION. PROVIDE A GROUND ROD AT EACH POLE AND #8 AWG BETWEEN POLE AND GROUND ROD.
7. LIGHTING CONTROL CONTACTOR CABINET FURNISHED WITH SPORTSLIGHTING PACKAGE AND INSTALLED BY CONTRACTOR. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
8. AUXILIARY LIGHTING INTERFACE CABINET FURNISHED WITH SPORTSLIGHTING PACKAGE AND INSTALLED BY CONTRACTOR. INSTALL PER MANUFACTUER'S INSTRUCTIONS.
9. PANELBOARD PROVIDED BY FOOTBALL PRESSBOX MANUFACTURER. CONFIRM EXACT LOCATION IN FIELD PRIOR TO ROUGH-IN.
10. PROVIDE EQUIPMENT RACK FOR EQUIPMENT MOUNTED BENEATH BLEACHERS AND PRESSBOX. SEE DETAILS ON SHEET E403.
11. PROVIDE A GROUND ROD AT SCOREBOARD AND #8 AWG BETWEEN SCOREBOARD SUPPORT POLE AND GROUND ROD.
12. PHOTOCELL FOR CONTROL OF FOOTBALL FLAGPOLE LIGHTING. COORDINATE EXACT LOCATION IN FIELD.
13. ROUTE CIRCUIT FOR FLAGPOLE LIGHTING THROUGH PHOTOCELL. SEE NOTE (12).

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Phone: (317) 634-4672
Fax: (317) 639-8725

D&A# 23085

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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To the extent of the reasonable scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	JPS	TEH

DRAWING TITLE:
SITE PLAN - FOOTBALL - ELECTRICAL

CERTIFIED BY:
TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER
08/09/2024

DRAWING NUMBER
E103

PROJECT NUMBER
2023061

0 2 4 6 8 16 24 32
1 2 3 4

0 5 15 30 60 90 120
1 2 3 4

1. MAIN BONDING JUMPER
2. GROUNDING ELECTRODE CONDUCTOR: 6 AWG COPPER.
3. GROUND ROD - 5/8-INCH BY 10-FOOT COPPER-CLAD. TOP OF ROD TO BE 12-INCHES BELOW GRADE
4. SUPPLY-SIDE BONDING JUMPER (SSBJ). REFER TO "GEC AND CONDUIT" COLUMN IN DISTRIBUTION TRANSFORMER FEEDER AND GROUNDING SCHEDULE FOR CONDUCTOR AND CONDUIT SIZE
5. EQUIPMENT GROUNDING CONDUCTOR. REFER TO "PRIMARY FEEDER" COLUMN IN DISTRIBUTION TRANSFORMER FEEDER AND GROUNDING SCHEDULE FOR CONDUCTOR SIZE.
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7. SYSTEM BONDING JUMPER (SBJ). REFER TO "SBJ" COLUMN IN DISTRIBUTION TRANSFORMER FEEDER AND GROUNDING SCHEDULE.
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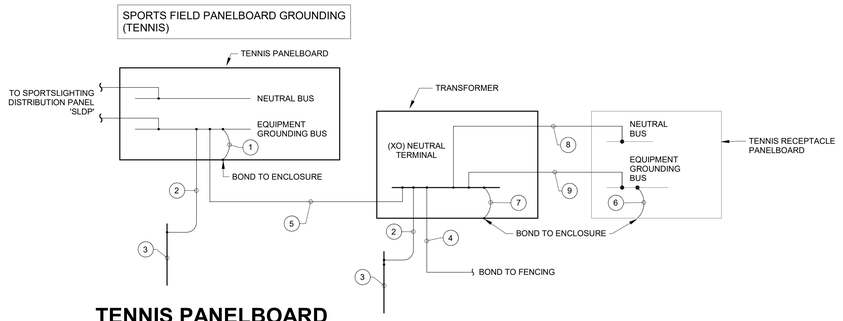
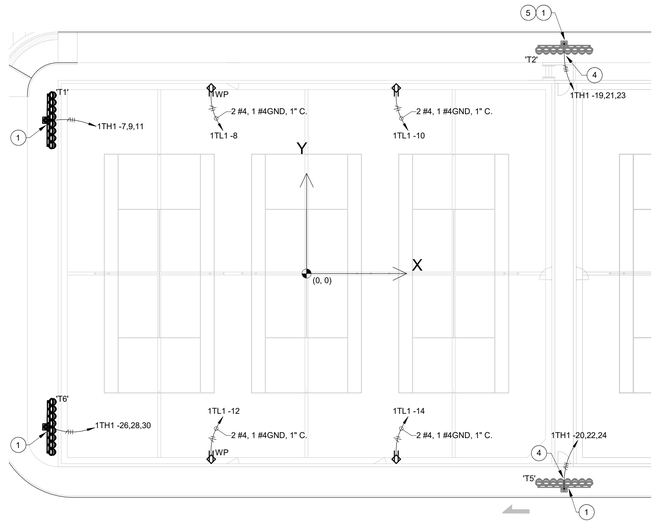


A TENNIS PANELBOARD GROUNDING - ELECTRICAL

SCALE: NONE

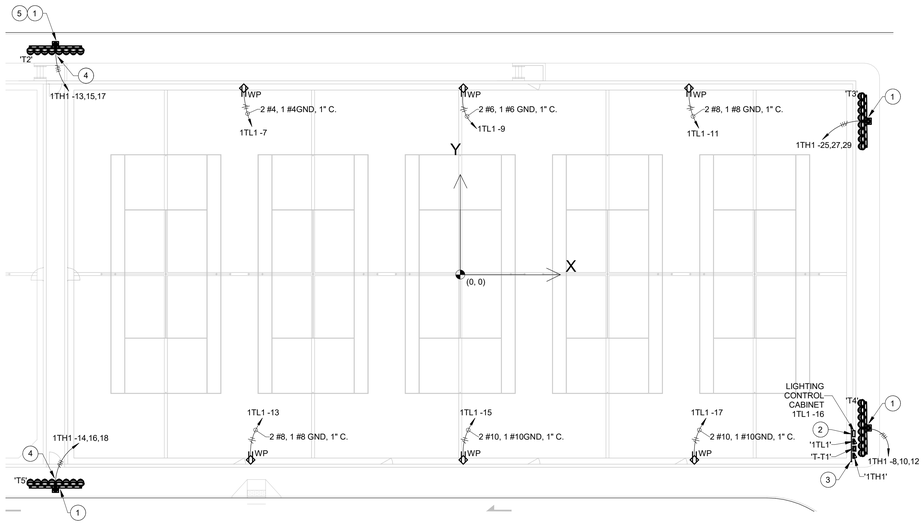


2 SITE PLAN - TENNIS #2 - ELECTRICAL

SCALE: 1" = 20'-0"

TENNIS POLES - 3 COURT AREA			
POLE	X	Y	WIRES *
T1	-85'	+50'	3 #10, 1 #10 GND, 1" SCH. 40 PVC
T2	SEE 4 COURT AREA FOR LOCATION		3 #10, 1 #10 GND, 1" SCH. 40 PVC
T5			3 #10, 1 #10 GND, 1" SCH. 40 PVC
T6	-85'	-50'	3 #10, 1 #10 GND, 1" SCH. 40 PVC

NOTE: SIZE FOR 3% VOLTAGE DROP, MAXIMUM.
ADJUST WIRE SIZE AS NEEDED FOR ACTUAL WIRE LENGTHS.



1 SITE PLAN - TENNIS #1 - ELECTRICAL

SCALE: 1" = 20'-0"

TENNIS POLES - 4 COURT AREA			
POLE	X	Y	WIRES *
T2	-132'	+75'	3 #10, 1 #10 GND, 1" SCH. 40 PVC
			SEE 3 COURT AREA CHART
T3	+130'	+50'	3 #10, 1 #10 GND, 1" SCH. 40 PVC
T4	+130'	-50'	3 #10, 1 #10 GND, 1" SCH. 40 PVC
T5	-132'	-70'	3 #10, 1 #10 GND, 1" SCH. 40 PVC
			SEE 3 COURT AREA CHART

NOTE: SIZE FOR 3% VOLTAGE DROP, MAXIMUM.
ADJUST WIRE SIZE AS NEEDED FOR ACTUAL WIRE LENGTHS.

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.
2. CONDUCTORS SHALL BE COPPER THWN-2.

(#) PLAN NOTES:

1. PROVIDE SPORTSLIGHTING FIXTURES, POLE, AND FOUNDATION. PROVIDE A GROUND ROD AT EACH POLE AND #8 AWG BETWEEN POLE AND GROUND ROD.
2. LIGHTING CONTROL CONTACTOR CABINET FURNISHED WITH SPORTSLIGHTING PACKAGE AND INSTALLED BY CONTRACTOR. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
3. PROVIDE EQUIPMENT RACK FOR ELECTRICAL EQUIPMENT. SEE DETAILS ON SHEET E403.
4. 480V CIRCUIT FOR 3-COURT LIGHT FIXTURES AND 480V CIRCUIT FOR 4-COURT LIGHT FIXTURES.
5. POLE LIGHT ON GRADE APPROXIMATELY 2-FEET BELOW TENNIS COURT LEVEL.

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R.E. Dimond and Associates, Inc.
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732 North Capitol Avenue
Indianapolis, IN 46204
Phone: (317) 634-4477
Fax: (317) 636-8725

D&A# 23085

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. They are not intended to be complete in that they describe all work required for full performance and completion of the requirements of the Contract.
The Bid Documents define the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

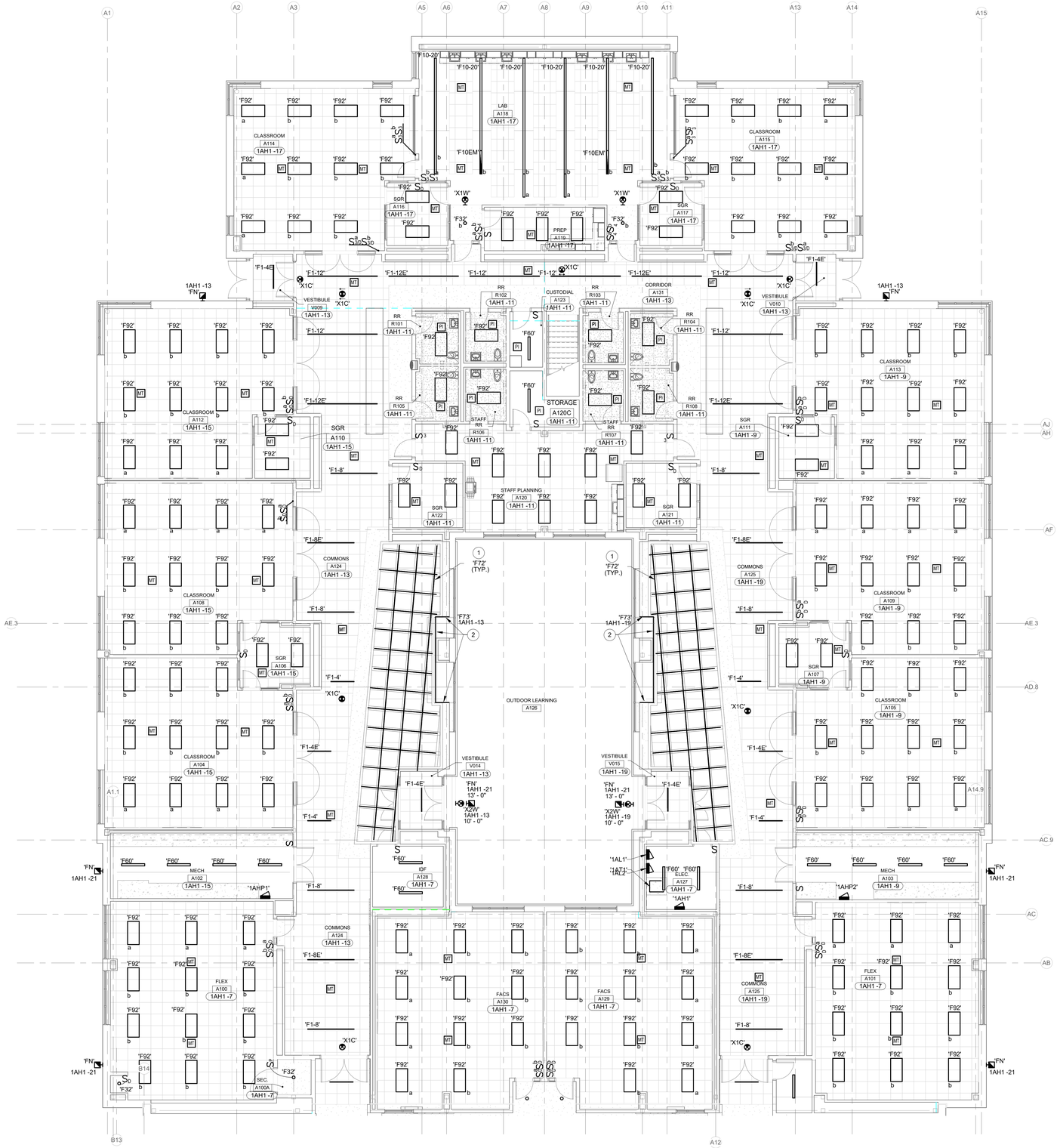
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	JPS	TEH

DRAWING TITLE:
SITE PLAN - TENNIS - ELECTRICAL

CERTIFIED BY:
TIMOTHY E. HILL REGISTERED No. PE19800083 STATE OF INDIANA PROFESSIONAL ENGINEER
8/ 09/ 2024

DRAWING NUMBER
E104

PROJECT NUMBER
2023061



GROUND FLOOR - UNIT A - LIGHTING

SCALE: 1/8" = 1'-0"

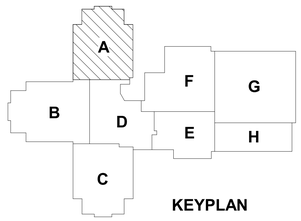
NORTH

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.

PLAN NOTES:

1. INSTALL FIXTURE ON TOP OF ARCHITECTURAL BAFFLES TO HIGHLIGHT THE CEILING ABOVE. INSTALL REMOTE DRIVERS OVER ADJACENT ACOUSTIC CEILING. COORDINATE WITH ALL TRADES.
2. INSTALL FIXTURES IN RECESSED IN MILLWORK.



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PROJECT:

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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MSD	TEH

DRAWING TITLE:

GROUND FLOOR PLAN - UNIT A - LIGHTING

CERTIFIED BY:

TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER

Timothy E. Hill
8/09/2024

DRAWING NUMBER

E201A

PROJECT NUMBER

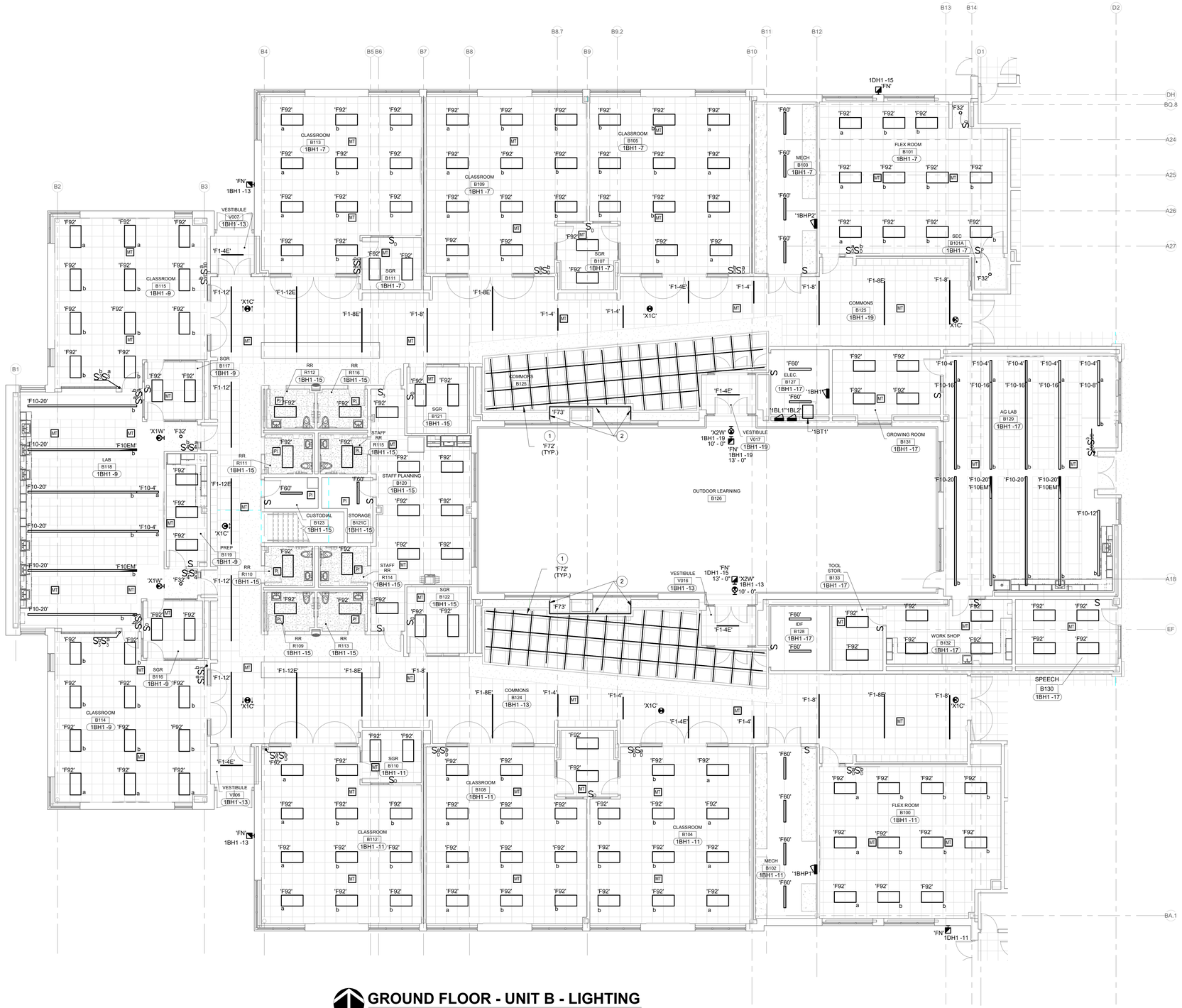
2023061

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.

PLAN NOTES:

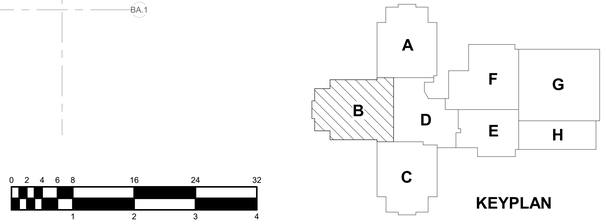
1. INSTALL FIXTURE ON TOP OF ARCHITECTURAL BAFFLES TO HIGHLIGHT THE CEILING ABOVE. INSTALL REMOTE DRIVERS OVER ADJACENT ACOUSTIC CEILING. COORDINATE WITH ALL TRADES.
2. INSTALL FIXTURES IN RECESSED IN MILLWORK.



GROUND FLOOR - UNIT B - LIGHTING

SCALE: 1/8" = 1'-0"

NORTH



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BID DOCUMENTS
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ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MSD	TEH

DRAWING TITLE:

GROUND FLOOR PLAN - UNIT B - LIGHTING

CERTIFIED BY:

TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER

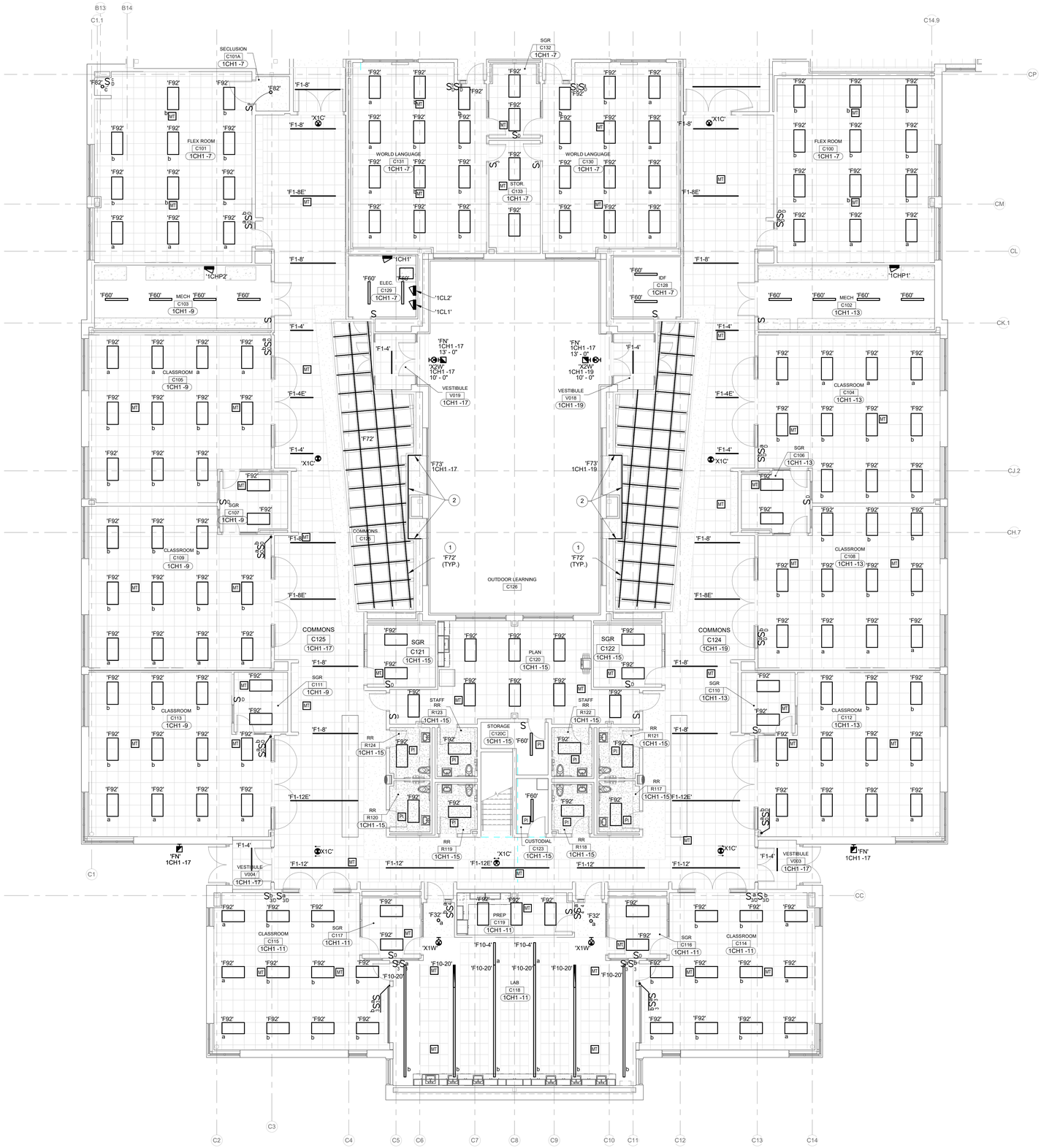
8/09/2024

DRAWING NUMBER

E201B

PROJECT NUMBER

2023061



GROUND FLOOR - UNIT C - LIGHTING

SCALE: 1/8" = 1'-0"

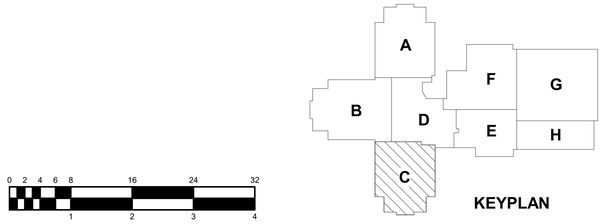
NORTH

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.

PLAN NOTES:

1. INSTALL FIXTURE ON TOP OF ARCHITECTURAL BAFFLES TO HIGHLIGHT THE CEILING ABOVE. INSTALL REMOTE DRIVERS OVER ADJACENT ACOUSTIC CEILING. COORDINATE WITH ALL TRADES.
2. INSTALL FIXTURES IN RECESSED IN MILLWORK.



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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MSD	TEH

DRAWING TITLE:

GROUND FLOOR PLAN - UNIT C - LIGHTING

CERTIFIED BY:

TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER

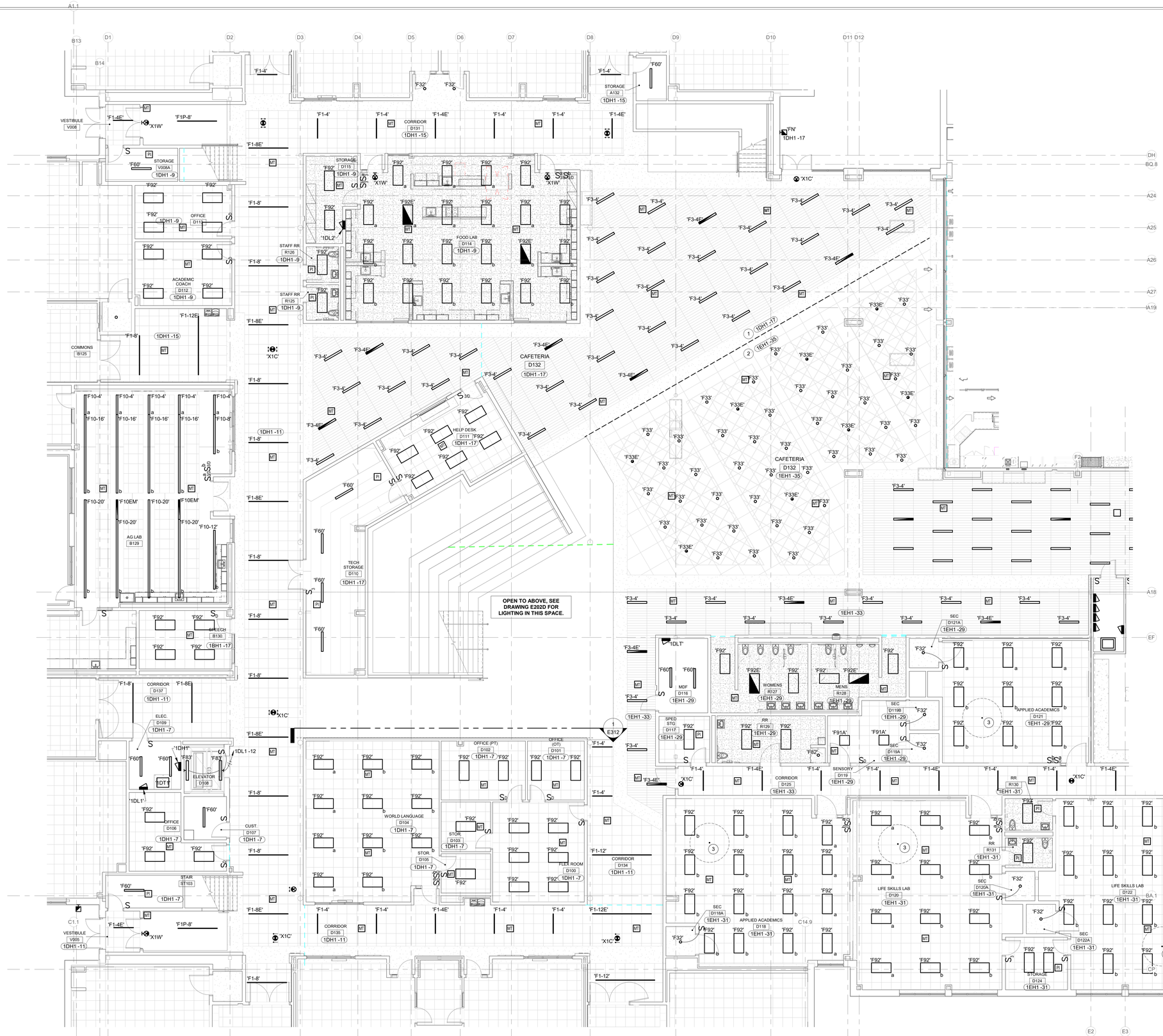
8/09/2024

DRAWING NUMBER

E201C

PROJECT NUMBER

2023061



GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.

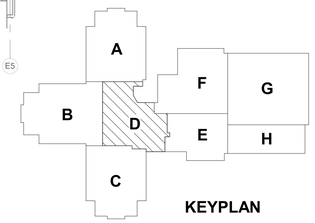
PLAN NOTES:

1. ALL LIGHTING FIXTURES IN ROOM D132 NORTH OF DETAIL LINE SHALL BE CONNECTED TO CIRCUIT INDICATED.
2. ALL LIGHTING FIXTURES IN ROOM D132 SOUTH OF DETAIL LINE SHALL BE CONNECTED TO CIRCUIT INDICATED.
3. CEILING MOUNTED SWIVEL HOOK THROUGH CEILING TILE, COORDINATE WITH STRUCTURAL DRAWINGS.

NORTH

GROUND FLOOR - UNIT D - LIGHTING

SCALE: 1/8" = 1'-0"



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D&A# 23085

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
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BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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08/09/24	MSD	TEH

DRAWING TITLE:

GROUND FLOOR PLAN - UNIT D - LIGHTING

CERTIFIED BY:

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STATE OF INDIANA
PROFESSIONAL ENGINEER

Timothy E. Hill
8/09/2024

DRAWING NUMBER

E201D

PROJECT NUMBER

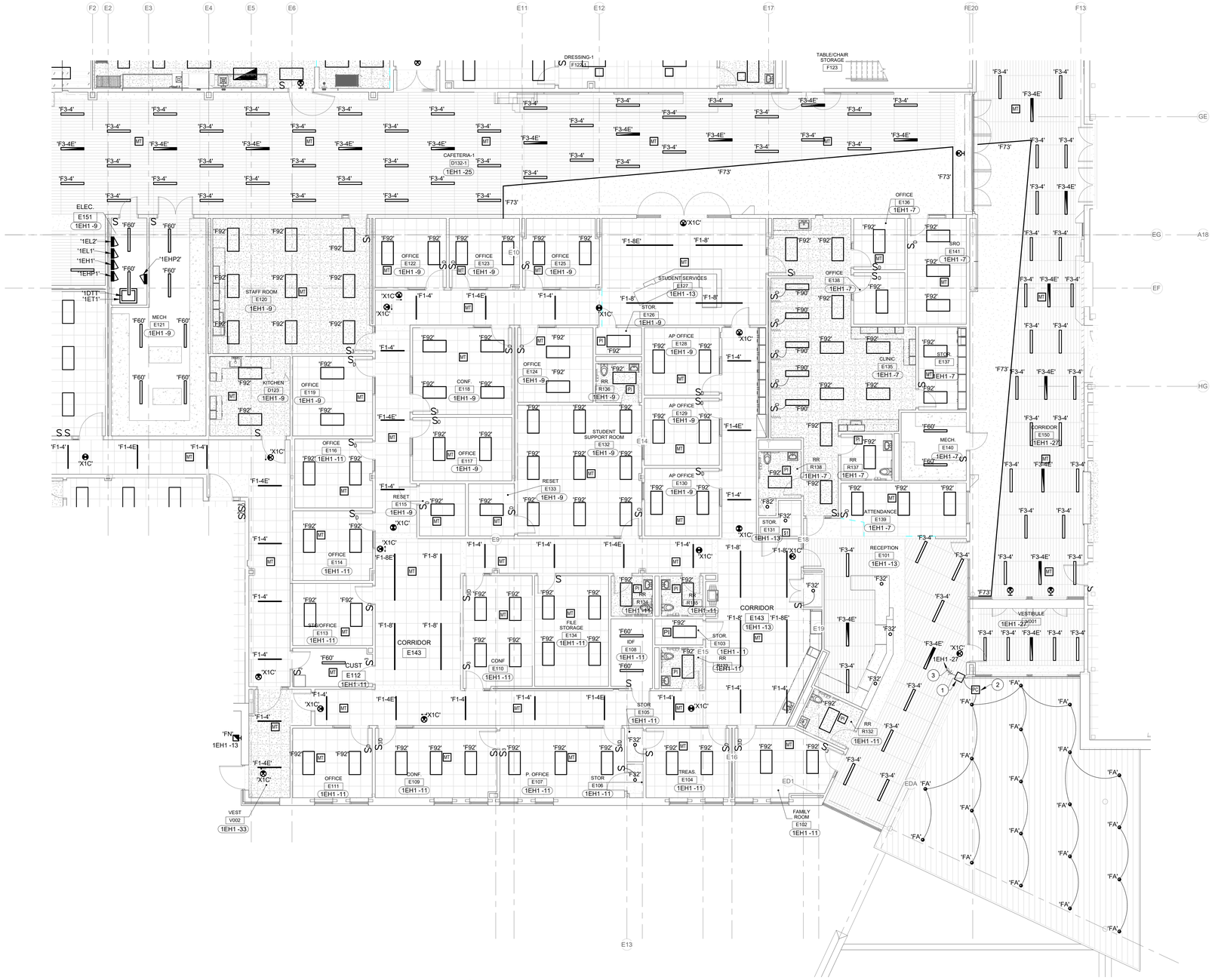
2023061

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.

PLAN NOTES:

1. GRID MOUNTED EMERGENCY MICRO-INVERTER WITH REMOTE TEST SWITCH. (MYERS LVM-250-G-RT SERIES). COORDINATE LOCATION OF REMOTE TEST SWITCH WITH OWNER PRIOR TO ROUGH-IN.
2. PHOTOCELL MOUNTED ON TOP OF CANOPY. COORDINATE EXACT LOCATION IN FIELD PRIOR TO ROUGH-IN.
3. ROUTE CIRCUIT FOR CANOPY LIGHTING THROUGH INVERTER AND PHOTOCELL FOR CONTROL.



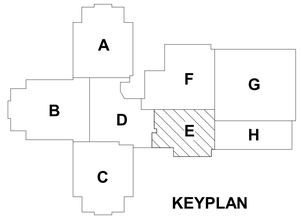
GROUND FLOOR - UNIT E - LIGHTING

SCALE: 1/8" = 1'-0"

NORTH

0 2 4 6 8 16 24 32

1 2 3 4



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Fax: (317) 638-8725

PROJECT:

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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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08/09/24	MSD	TEH

DRAWING TITLE:

GROUND FLOOR PLAN - UNIT E - LIGHTING

CERTIFIED BY:

TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER

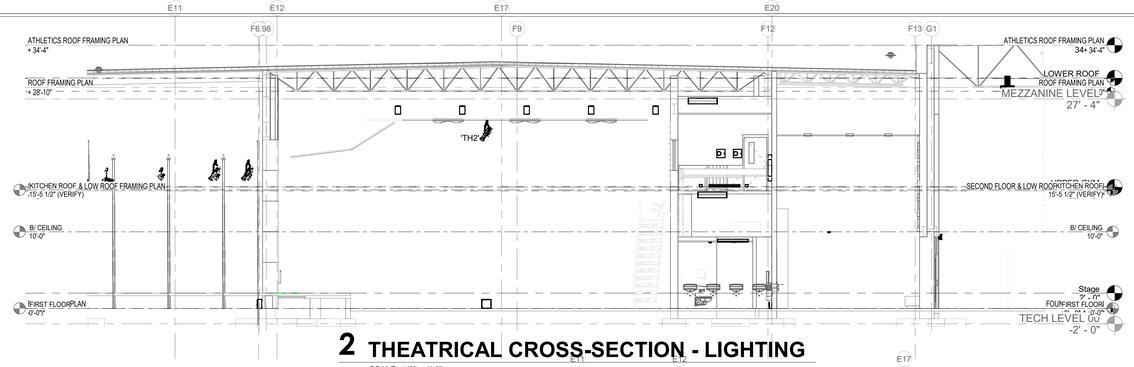
8/09/2024

DRAWING NUMBER

E201E

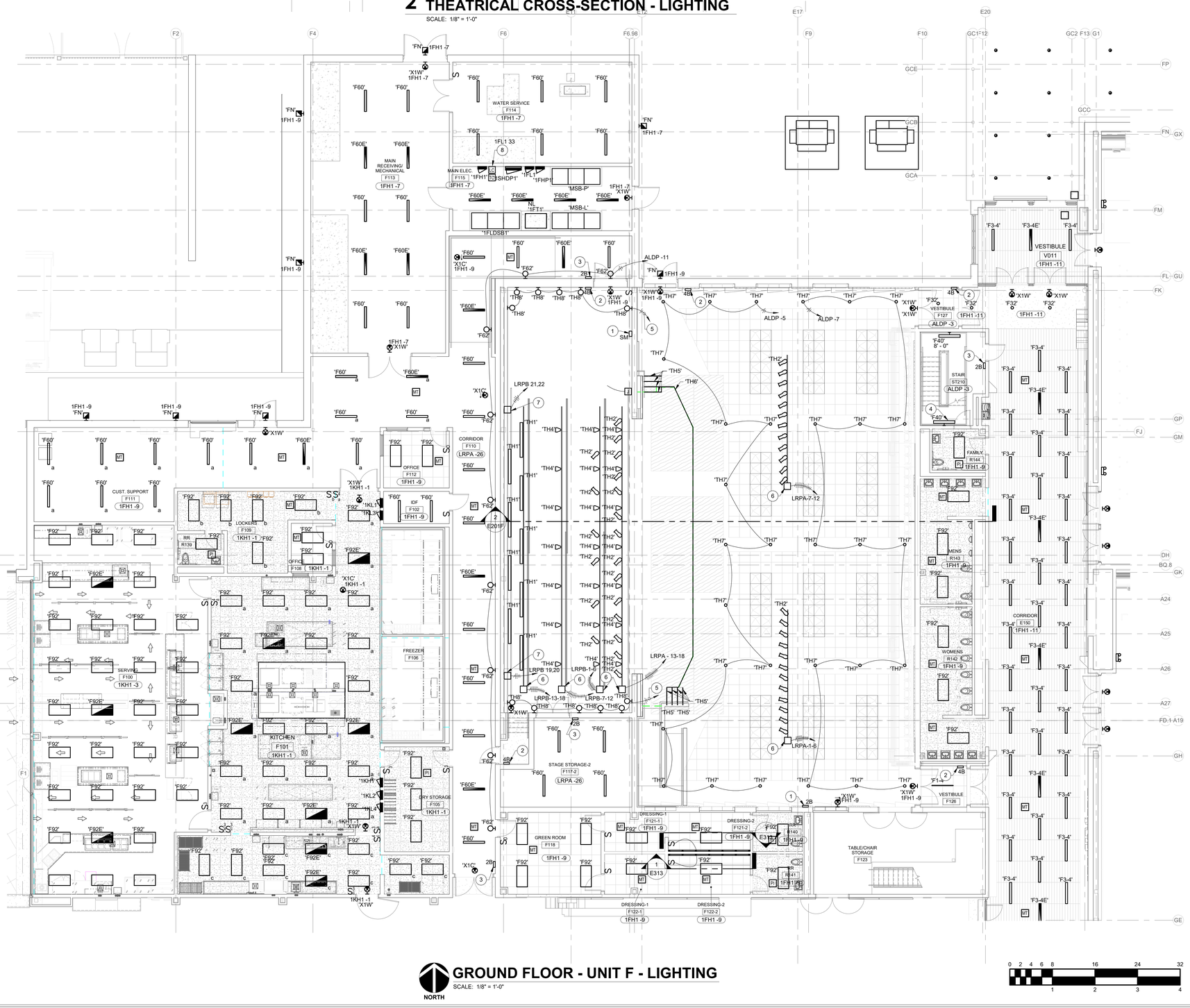
PROJECT NUMBER

2023061



2 THEATRICAL CROSS-SECTION - LIGHTING

SCALE: 1/8" = 1'-0"



GROUND FLOOR - UNIT F - LIGHTING

SCALE: 1/8" = 1'-0"

NORTH

0 2 4 6 8 16 24 32

1 2 3 4

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.

PLAN NOTES:

1. PROVIDE MULTI-SCENE LIGHTING CONTROL STATION AT STAGE MANAGER'S PANEL. COORDINATE EXACT LOCATION IN FIELD PRIOR TO ROUGH-IN.
2. PROVIDE 4-BUTTON LIGHTING CONTROL STATION. COORDINATE EXACT LOCATION IN FIELD PRIOR TO ROUGH-IN.
3. PROVIDE 2-BUTTON LIGHTING CONTROL STATION. COORDINATE EXACT LOCATION IN FIELD PRIOR TO ROUGH-IN.
4. MOUNT FIXTURE AT 8'-0" ABOVE STAIR LANDING.
5. LOW VOLTAGE CABLING TO POWER SUPPLY LOCATED IN LIGHTING BOOTH. SEE DRAWING E202F.
6. 6 CIRCUIT CONNECTOR STRIP WITH DMX CONTROL.
7. 2 CIRCUIT WALL POCKET WITH DMX CONTROL.
8. LIGHTING CONTACTOR AND TIMECLOCK FOR CONTROL OF SITE EXTERIOR FIXTURES. PROVIDE 120V CIRCUIT FOR CONTROL.

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of demolition, new work, and the extent of work in the building, the major architectural elements, and the type of structural, mechanical and electrical systems.
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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MSD	TEH

DRAWING TITLE:
GROUND FLOOR PLAN - UNIT F - LIGHTING

CERTIFIED BY:
TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/ 09/ 2024

DRAWING NUMBER
E201F

PROJECT NUMBER
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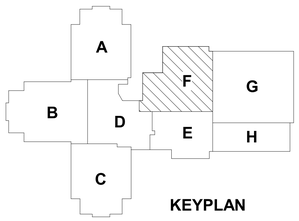
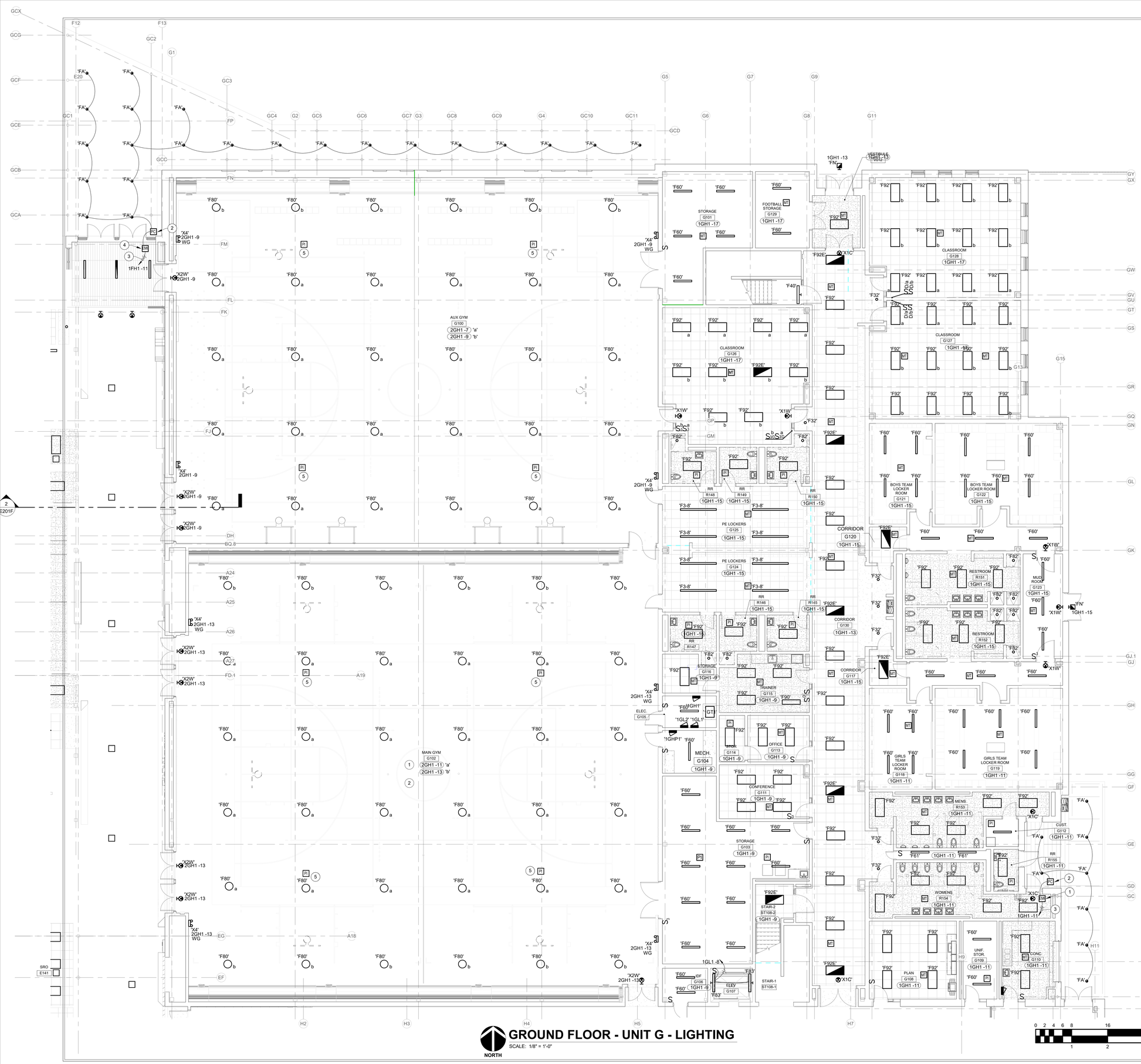




GROUND FLOOR - UNIT G - LIGHTING

SCALE: 1/8" = 1'-0"

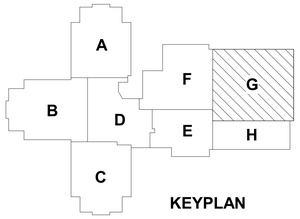
NORTH

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.

PLAN NOTES:

1. GRID MOUNTED EMERGENCY MICRO-INVERTER WITH REMOTE TEST SWITCH. (MYERS LVM-125-G-RT SERIES). COORDINATE LOCATION OF REMOTE TEST SWITCH WITH OWNER PRIOR TO ROUGH-IN.
2. PHOTOCELL MOUNTED ON TOP OF CANOPY. COORDINATE EXACT LOCATION IN FIELD PRIOR TO ROUGH-IN.
3. ROUTE CIRCUIT FOR CANOPY LIGHTING THROUGH INVERTER AND PHOTOCELL FOR CONTROL.
4. GRID MOUNTED EMERGENCY MICRO-INVERTER WITH REMOTE TEST SWITCH. (MYERS LVM-250-G-RT SERIES). COORDINATE LOCATION OF REMOTE TEST SWITCH WITH OWNER PRIOR TO ROUGH-IN.
5. HIGH-BAY OCCUPANCY SENSOR.



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PROJECT:

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ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MSD	TEH

DRAWING TITLE:

GROUND FLOOR PLAN - UNIT G - LIGHTING

CERTIFIED BY:

TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

E201G

PROJECT NUMBER

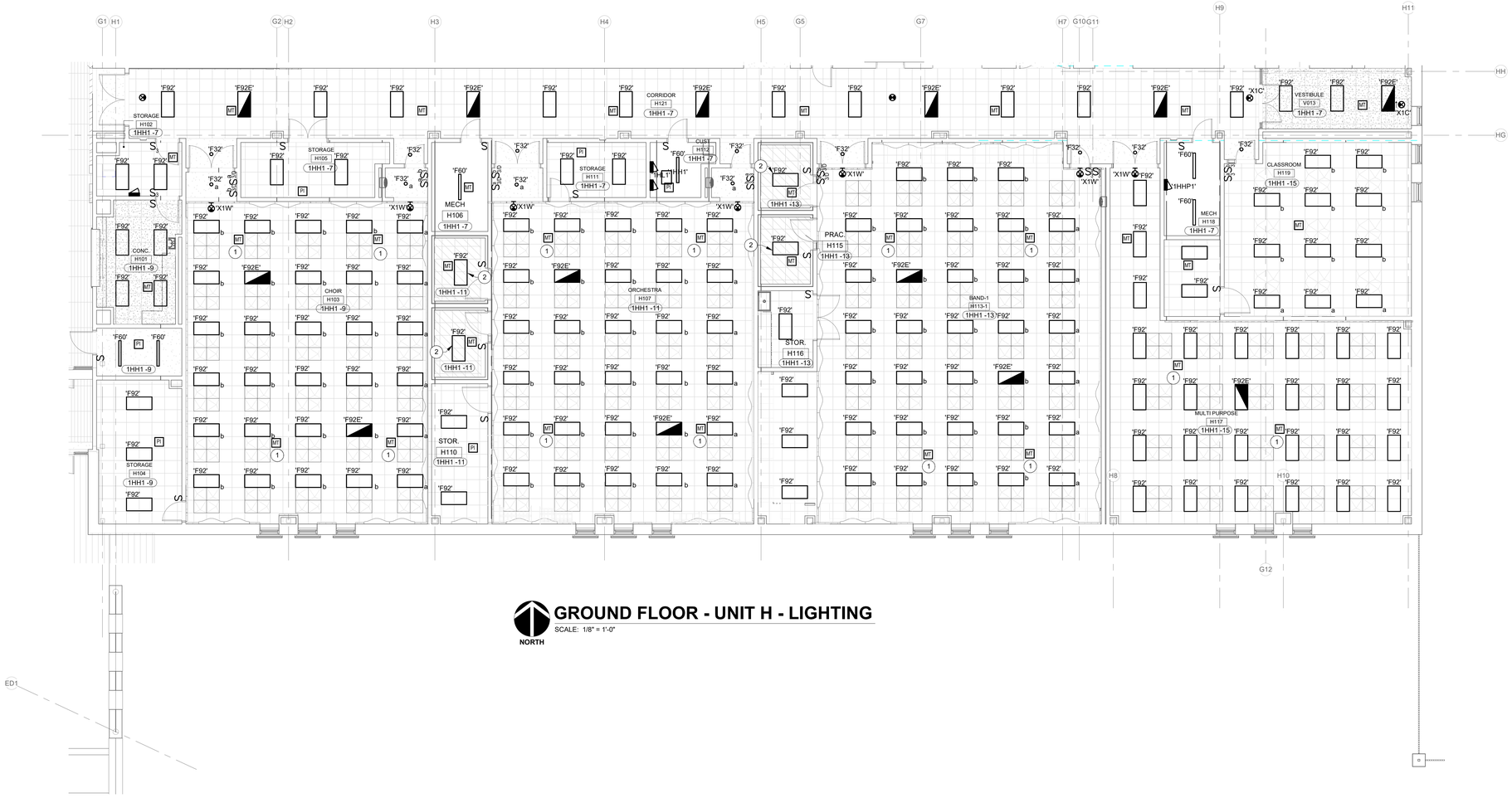
2023061

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.

PLAN NOTES:

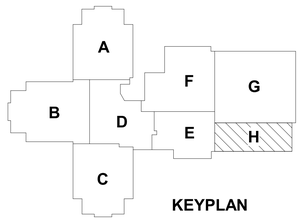
1. HIGH-BAY OCCUPANCY SENSOR.
2. SET FIXTURE TO HIGH LUMEN OUTPUT. INSTALL ACOUSTICAL SEALANT AT PENETRATIONS. SEE ARCHITECTURAL CEILING PLANS.



GROUND FLOOR - UNIT H - LIGHTING

SCALE: 1/8" = 1'-0"

NORTH



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0 2 4 6 8 16 24 32

1 2 3 4

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DRAWING TITLE:

GROUND FLOOR PLAN - UNIT H - LIGHTING

CERTIFIED BY:

TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

E201H

PROJECT NUMBER

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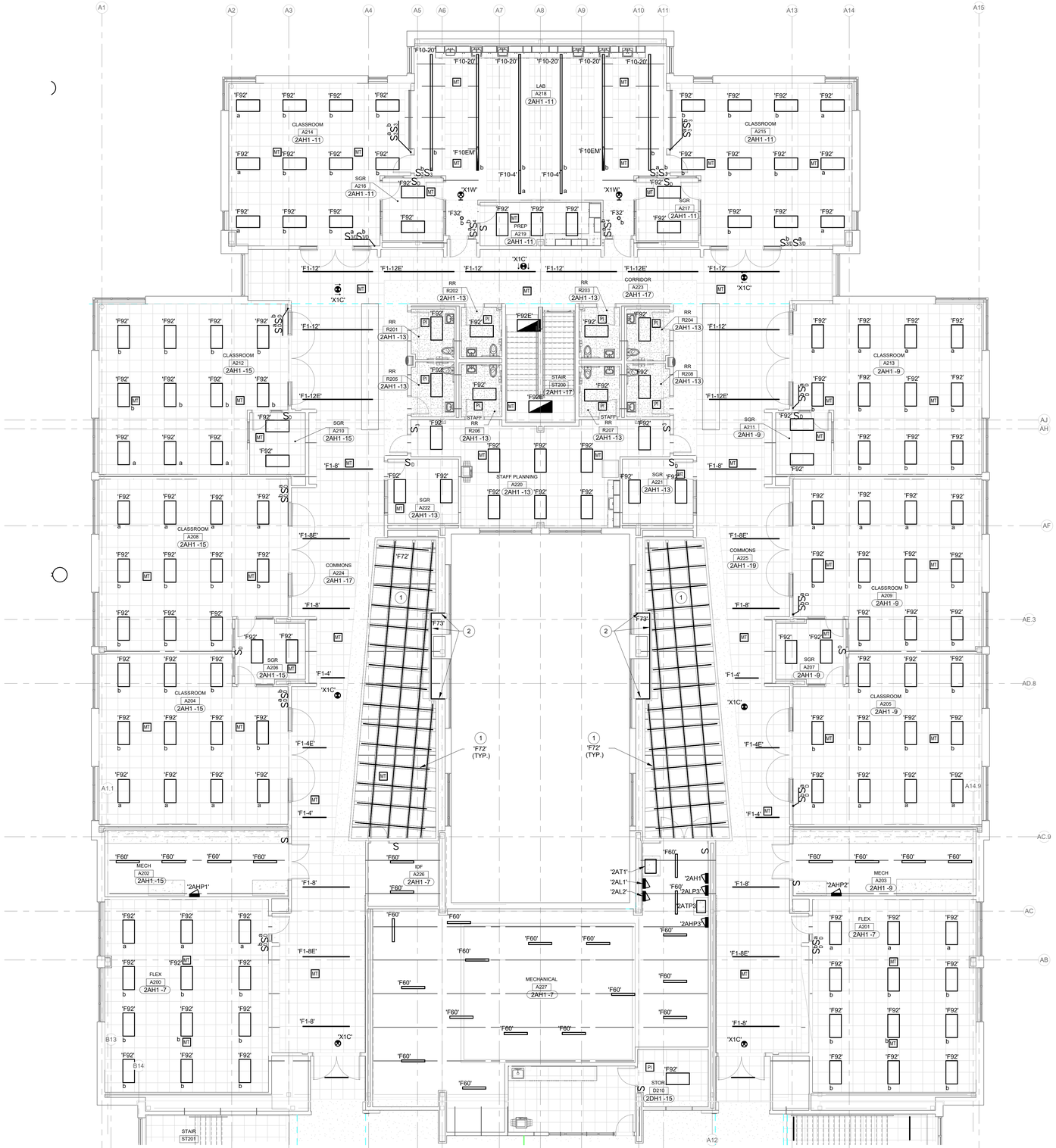


SECOND FLOOR - UNIT A - LIGHTING

SCALE: 1/8" = 1'-0"

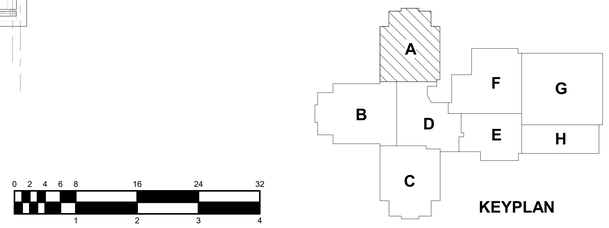
NORTH

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.

PLAN NOTES:

1. INSTALL FIXTURE ON TOP OF ARCHITECTURAL BAFFLES TO HIGHLIGHT THE CEILING ABOVE. INSTALL REMOTE DRIVERS OVER ADJACENT ACOUSTIC CEILING. COORDINATE WITH ALL TRADES.
2. INSTALL FIXTURES IN RECESSED IN MILLWORK.



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ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MSD	TEH

DRAWING TITLE:

SECOND FLOOR PLAN - UNIT A - LIGHTING

CERTIFIED BY:

TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

E202A

PROJECT NUMBER

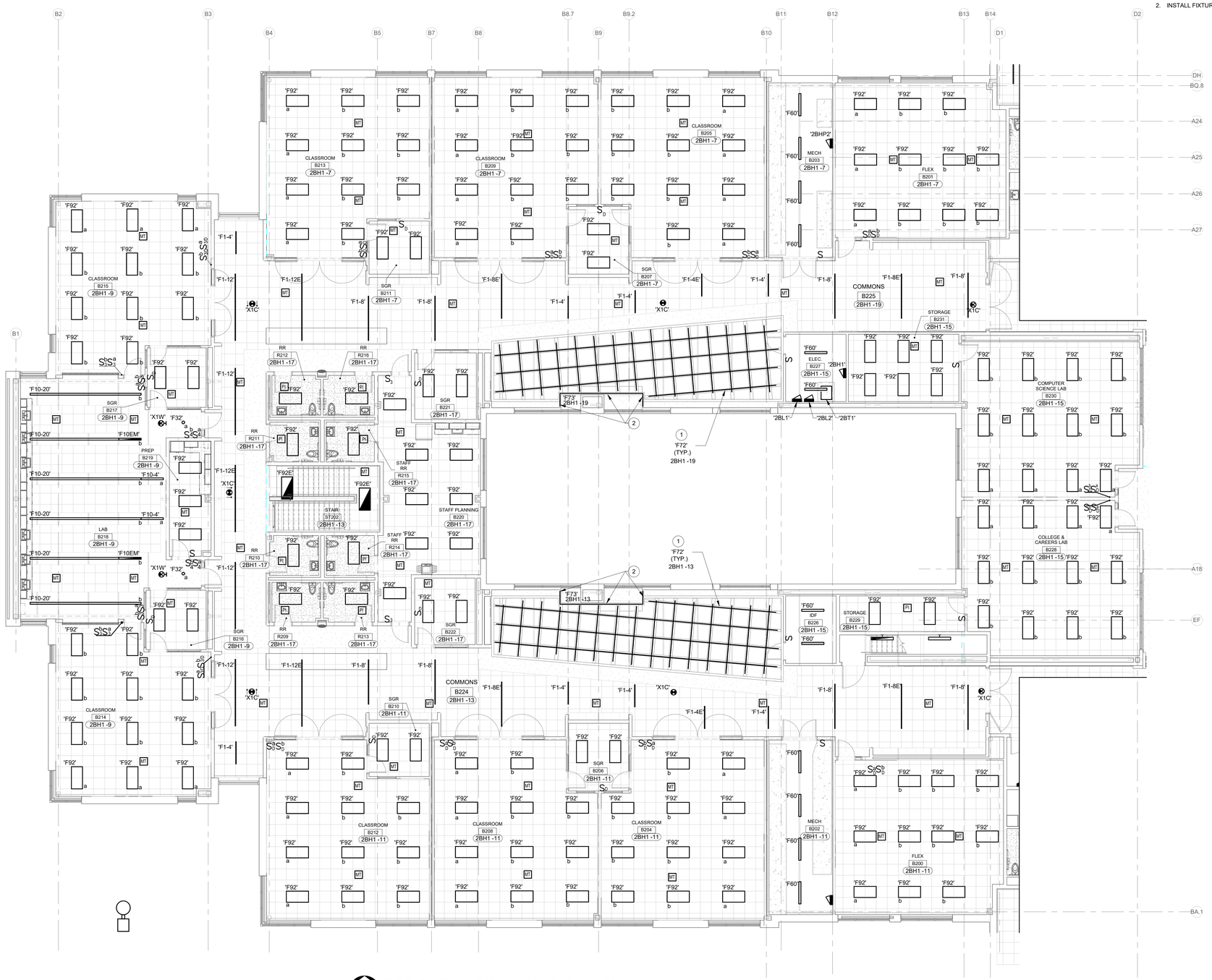
2023061

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.

(#) PLAN NOTES:

1. INSTALL FIXTURE ON TOP OF ARCHITECTURAL BAFFLES TO HIGHLIGHT THE CEILING ABOVE. INSTALL REMOTE DRIVERS OVER ADJACENT ACOUSTIC CEILING. COORDINATE WITH ALL TRADES.
2. INSTALL FIXTURES IN RECESSED IN MILLWORK.

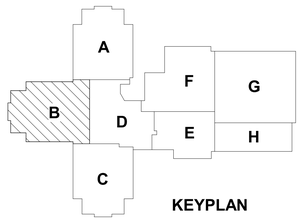


SECOND FLOOR - UNIT B - LIGHTING

SCALE: 1/8" = 1'-0"

NORTH

0 2 4 6 8 16 24 32
1 2 3 4



KEYPLAN

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R.E. Dimond and Associates, Inc.
Consulting Engineers
D&A# 23085
732 North Capitol Avenue
Indianapolis, IN 46204
Phone: (317) 634-4472
Fax: (317) 636-8725

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
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On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

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08/09/24	MSD	TEH

DRAWING TITLE:
SECOND FLOOR PLAN - UNIT B - LIGHTING

CERTIFIED BY:
TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
E202B

PROJECT NUMBER
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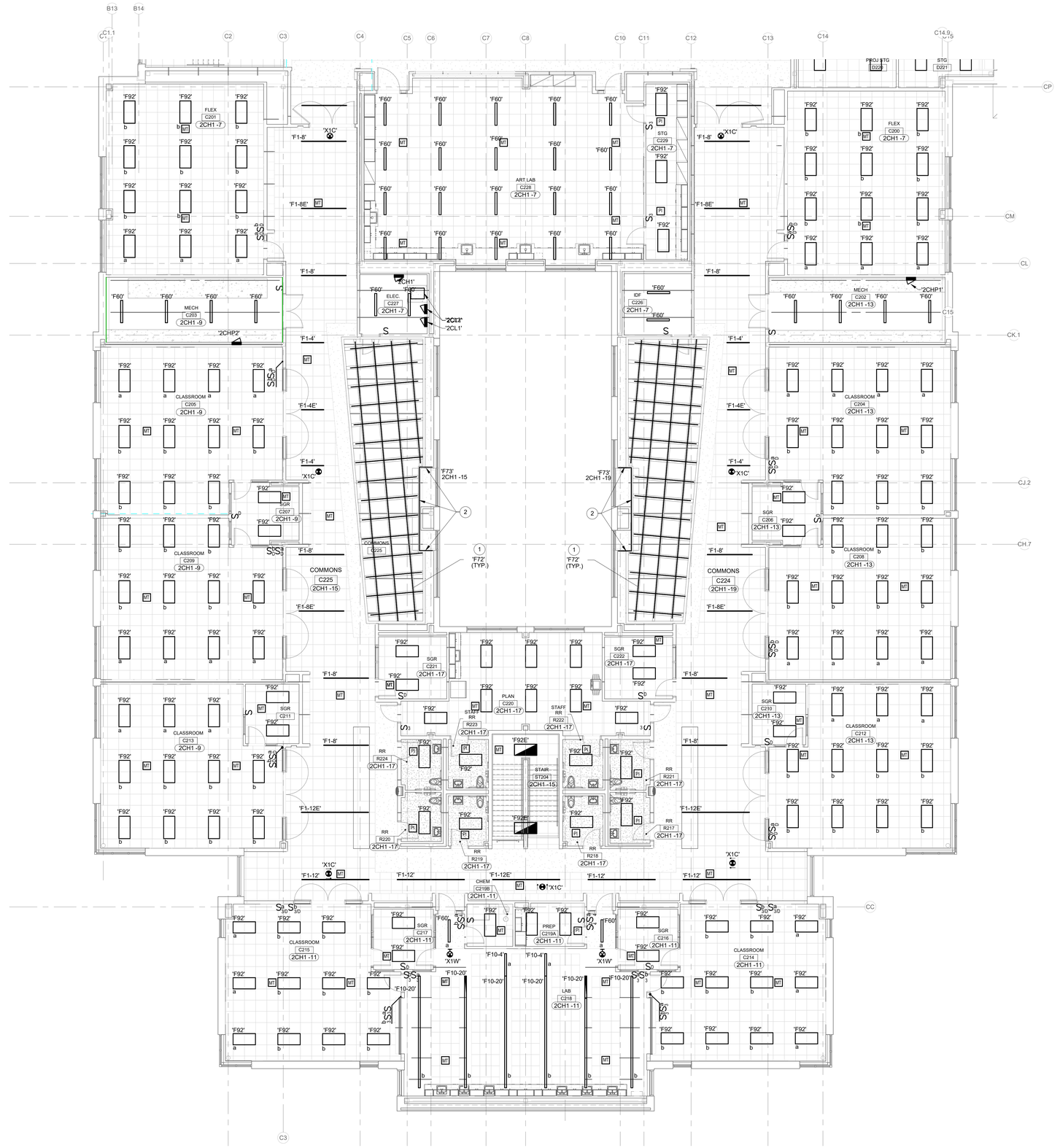

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.

(#) PLAN NOTES:

1. INSTALL FIXTURE ON TOP OF ARCHITECTURAL BAFFLES TO HIGHLIGHT THE CEILING ABOVE. INSTALL REMOTE DRIVERS OVER ADJACENT ACOUSTIC CEILING. COORDINATE WITH ALL TRADES.
2. INSTALL FIXTURES IN RECESSED IN MILLWORK.

SECOND FLOOR - UNIT C - LIGHTING

SCALE: 1/8" = 1'-0"

NORTH

0 2 4 6 8 16 24 32

1 2 3 4

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A B C D E F G H

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R.E. Dimond and Associates, Inc.
Consulting Engineers
732 North Capitol Avenue
Indianapolis, IN 46204
Phone: (317) 632-4472
Fax: (317) 636-8725

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

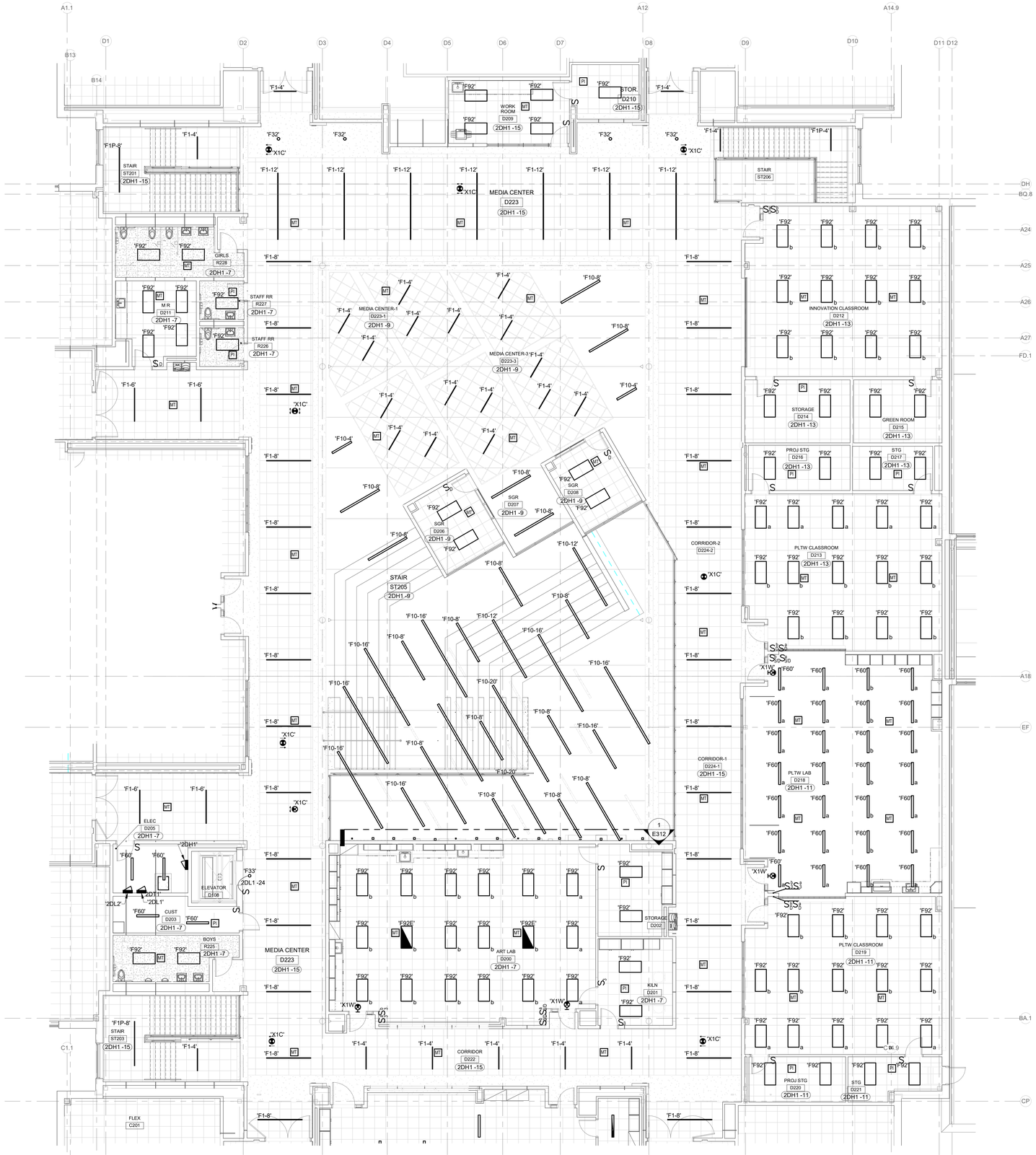
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MSD	TEH

DRAWING TITLE:
SECOND FLOOR PLAN - UNIT C - LIGHTING

CERTIFIED BY:
TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
E202C

PROJECT NUMBER
2023061



SECOND FLOOR - UNIT D - LIGHTING

SCALE: 1/8" = 1'-0"

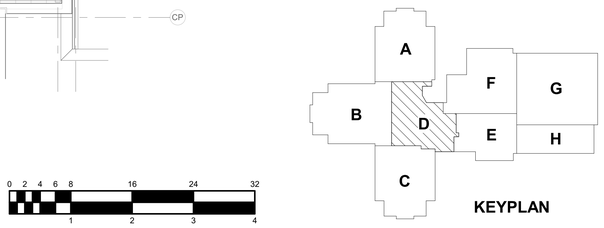
NORTH

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.

PLAN NOTES:

1. PLAN NOTE #1.



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732 North Capitol Avenue
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PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

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REVISIONS:

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DRAWING TITLE:

SECOND FLOOR PLAN - UNIT D - LIGHTING

CERTIFIED BY:

TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

E202D

PROJECT NUMBER

2023061

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.

(#) PLAN NOTES:

1. PROVIDE MULTI-SCENE LIGHTING CONTROL STATION AT STAGE MANAGER'S PANEL. COORDINATE EXACT LOCATION IN FIELD PRIOR TO ROUGH-IN.
2. PROVIDE 4-BUTTON LIGHTING CONTROL STATION. COORDINATE EXACT LOCATION IN FIELD PRIOR TO ROUGH-IN.
3. PROVIDE 2-BUTTON LIGHTING CONTROL STATION. COORDINATE EXACT LOCATION IN FIELD PRIOR TO ROUGH-IN.
4. MOUNT FIXTURE AT 8'-0" ABOVE STAIR LANDING.

LRPA	PANELBOARD SCHEDULE											
LOCATION : CONTROL...	SCCR (AMPS RMS SYMM):		SERVICE : 208Y/120V 3Φ 4-Wire+Ground		AMP : 100 A		MAIN : MLO		NEMA: Type 1		MOUNTING : SURFACE	

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	LIGHTING FOH STAGE RIGHT	1	20 A	1	336 / 336			1	20 A	1	LIGHTING FOH STAGE RIGHT	2
3	LIGHTING FOH STAGE RIGHT	1	20 A	1		336 / 336		1	20 A	1	LIGHTING FOH STAGE RIGHT	4
5	LIGHTING FOH STAGE RIGHT	1	20 A	1			336 / 336	1	20 A	1	LIGHTING FOH STAGE RIGHT	6
7	LIGHTING FOH STAGE LEFT	1	20 A	1	336 / 336			1	20 A	1	LIGHTING FOH STAGE LEFT	8
9	LIGHTING FOH STAGE LEFT	1	20 A	1		336 / 336		1	20 A	1	LIGHTING FOH STAGE LEFT	10
11	LIGHTING FOH STAGE LEFT	1	20 A	1			336 / 336	1	20 A	1	LIGHTING FOH STAGE LEFT	12
13	LIGHTING 1ST ELECTRIC	1	20 A	1	593 / 425			1	20 A	1	LIGHTING 1ST ELECTRIC	14
15	LIGHTING 1ST ELECTRIC	1	20 A	1		514 / 593		1	20 A	1	LIGHTING 1ST ELECTRIC	16
17	LIGHTING 1ST ELECTRIC	1	20 A	1			425 / 425	1	20 A	1	LIGHTING 1ST ELECTRIC	18
19	SPARE	1	20 A	1	0 / 0			1	20 A	1	SPARE	20
21	SPARE	1	20 A	1		0 / 0		1	20 A	1	SPARE	22
23	SPARE	1	20 A	1			0 / 0	1	20 A	1	SPARE	24
25	CONTROL POWER	3	20 A	1	0 / 912			1	20 A	2	LIGHTING BACK STAGE CORRIDOR, STORAGE	26
27	SPARE	2	20 A	1		0 / 144		1	20 A	2	LIGHTING STAGE BLUE LIGHTS	28
29	SPARE	2	20 A	1			0 / 0	1	20 A	2	SPARE	30
					TOTALS :	3274 VA	2595 VA	2194 VA				

TOTAL CONNECTED LOAD (VA) : 8063 VA — TOTAL CONNECTED LOAD (AMPS) : 22 A

REMARKS:
CIRCUIT BREAKER PANEL WITH RELAY CONTROL.

NOTES:
1. CIRCUIT BREAKER WITH RELAY CONTROL.
2. CONSTANT POWER CIRCUIT BREAKER.
3. CIRCUIT BREAKER FOR CONTROL POWER.

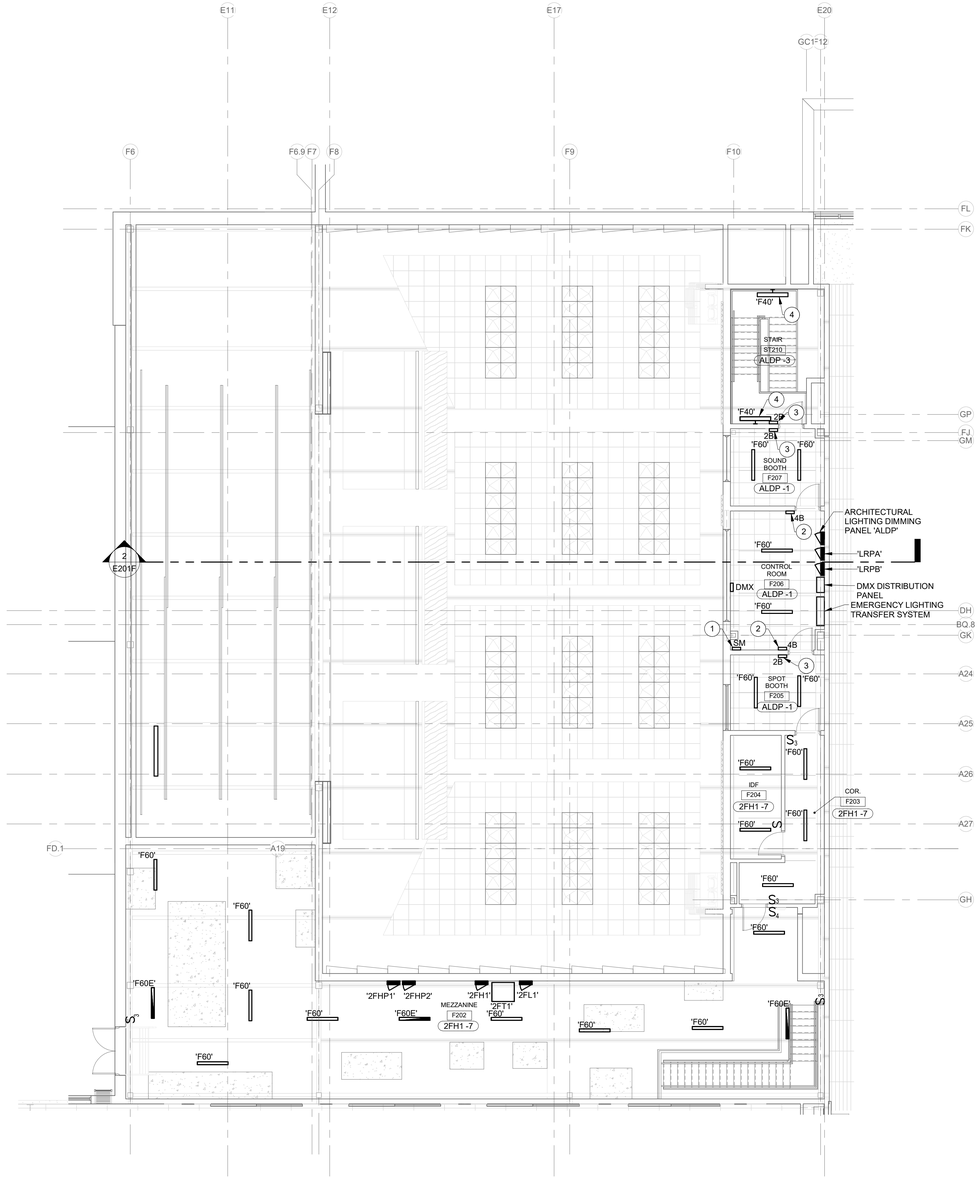
LRPB	PANELBOARD SCHEDULE											
LOCATION : CONTROL...	SCCR (AMPS RMS SYMM):		SERVICE : 208Y/120V 3Φ 4-Wire+Ground		AMP : 100 A		MAIN : MLO		NEMA: Type 1		MOUNTING : SURFACE	

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	2ND ELECTRIC	1	20 A	1	257 / 257			1	20 A	1	2ND ELECTRIC	2
3	2ND ELECTRIC	1	20 A	1		257 / 257		1	20 A	1	2ND ELECTRIC	4
5	2ND ELECTRIC	1	20 A	1			257 / 346	1	20 A	1	2ND ELECTRIC	6
7	3RD ELECTRIC	1	20 A	1	89 / 89			1	20 A	1	3RD ELECTRIC	8
9	3RD ELECTRIC	1	20 A	1		89 / 89		1	20 A	1	3RD ELECTRIC	10
11	3RD ELECTRIC	1	20 A	1			89 / 178	1	20 A	1	3RD ELECTRIC	12
13	4TH ELECTRIC	1	20 A	1	168 / 168			1	20 A	1	4TH ELECTRIC	14
15	4TH ELECTRIC	1	20 A	1		168 / 168		1	20 A	1	4TH ELECTRIC	16
17	4TH ELECTRIC	1	20 A	1			168 / 168	1	20 A	1	4TH ELECTRIC	18
19	WALL POCKET STAGE LEFT	1	20 A	1	168 / 168			1	20 A	1	WALL POCKET STAGE LEFT	20
21	WALL POCKET STAGE LEFT	1	20 A	1		168 / 168		1	20 A	1	WALL POCKET STAGE LEFT	22
23	SPARE	1	20 A	1			0 / 0	1	20 A	1	SPARE	24
25	CONTROL POWER	3	20 A	1	0 / 0			1	20 A	2	SPARE	26
27	SPARE	2	20 A	1		0 / 0		1	20 A	2	SPARE	28
29	SPARE	2	20 A	1			0 / 0	1	20 A	2	SPARE	30
					TOTALS :	1364 VA	1364 VA	1206 VA				

TOTAL CONNECTED LOAD (VA) : 3934 VA — TOTAL CONNECTED LOAD (AMPS) : 11 A

REMARKS:
CIRCUIT BREAKER PANEL WITH RELAY CONTROL.

NOTES:
1. CIRCUIT BREAKER WITH RELAY CONTROL.
2. CONSTANT POWER CIRCUIT BREAKER.
3. CIRCUIT BREAKER FOR CONTROL POWER.

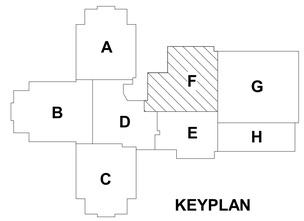


SECOND FLOOR - UNIT F - LIGHTING

SCALE: 1/8" = 1'-0"

NORTH

0 2 4 6 8 16 24 32
1 2 3 4



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Fax: (317) 639-8725

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the approximate location and size of the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
In addition to the architectural scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MSD	TEH

DRAWING TITLE:
SECOND FLOOR PLAN - UNIT F - LIGHTING

CERTIFIED BY:
TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER
08/09/2024

DRAWING NUMBER
E202F

PROJECT NUMBER
2023061



SECOND FLOOR - UNIT G - LIGHTING

SCALE: 1/8" = 1'-0"

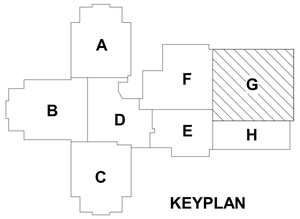
NORTH

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.

PLAN NOTES:

1. HIGH-BAY OCCUPANCY SENSOR.
2. SEE FIRST FLOOR LIGHTING PLAN E201G FOR LIGHTING IN THIS AREA.



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Phone: (317) 634-4672
Fax: (317) 638-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST

BID DOCUMENTS

17707 CENTENNIAL RD, WESTFIELD, IN 46074

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08/09/24	MSD	TEH

DRAWING TITLE:

SECOND FLOOR PLAN - UNIT G - LIGHTING

CERTIFIED BY:

TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER

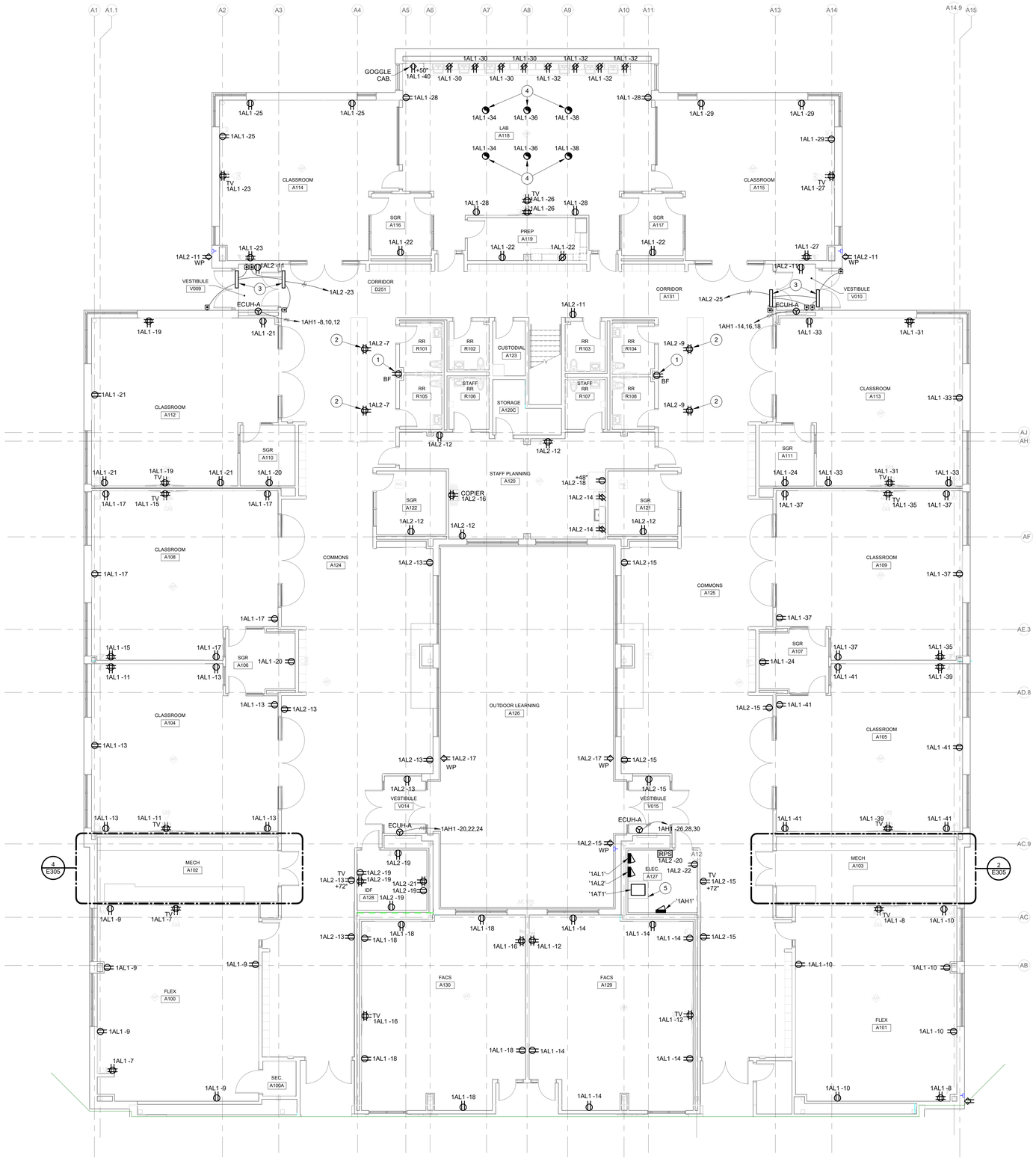
8/09/2024

DRAWING NUMBER

E202G

PROJECT NUMBER

2023061



GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.
2. SEE TELECOM DRAWINGS FOR HEIGHT OF T.V. RECEPTACLES.
3. COORDINATE RECEPTACLES WITH MARKERBOARDS. SEE ARCHITECTURAL ELEVATIONS.

(#) PLAN NOTES:

1. PROVIDE RECEPTACLE CONCEALED IN BOTTLE FILLER HOUSING. COORDINATE LOCATION WITH BOTTLE FILLER INSTALLER PRIOR TO ROUGH-IN. FEED RECEPTACLE FROM GFCI CIRCUIT BREAKER.
2. INSTALL IN KNEE SPACE.
3. ACCESSIBLE DOOR OPERATOR AND PRESSPADS.
4. CORD REELS. SEE E403 FOR DETAIL.
5. HOUSEKEEPING PAD. SEE DETAIL E403.

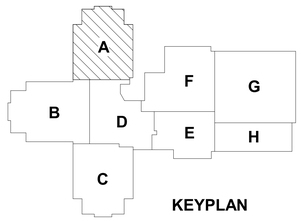
GROUND FLOOR - UNIT A - POWER

SCALE: 1/8" = 1'-0"

NORTH

0 2 4 6 8 16 24 32

1 2 3 4



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BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	LPC	TEH

DRAWING TITLE:
GROUND FLOOR PLAN - UNIT A - POWER

CERTIFIED BY:
TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
E211A

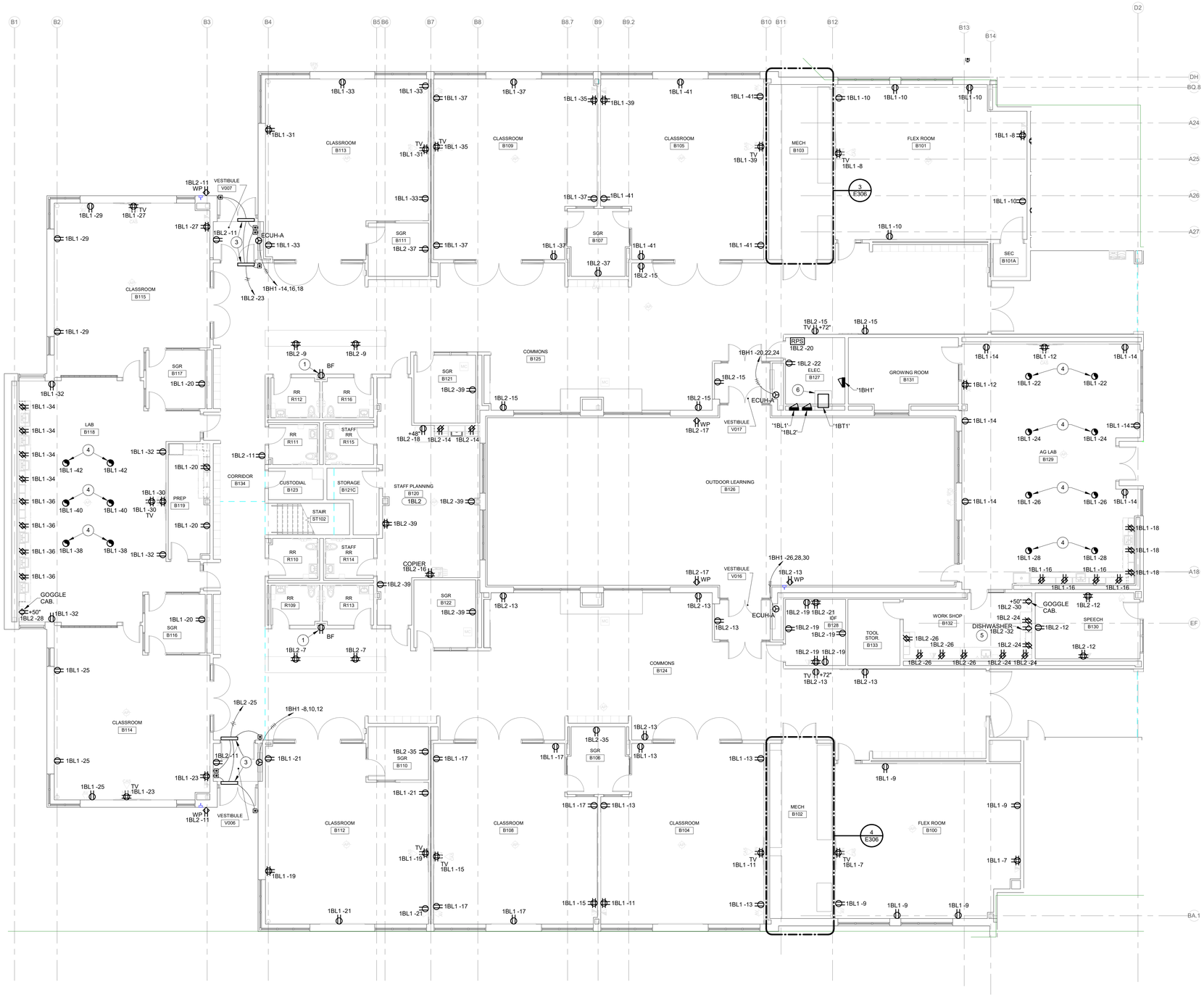
PROJECT NUMBER
2023061

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.
2. SEE TELECOM DRAWINGS FOR HEIGHT OF T.V. RECEPTACLES.
3. COORDINATE RECEPTACLES WITH MARKERBOARDS. SEE ARCHITECTURAL ELEVATIONS.

(#) PLAN NOTES:

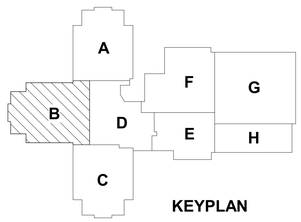
1. PROVIDE RECEPTACLE CONCEALED IN BOTTLE FILLER HOUSING. COORDINATE LOCATION WITH BOTTLE FILLER INSTALLER PRIOR TO ROUGH-IN. FEED RECEPTACLE FROM GFCI CIRCUIT BREAKER.
2. INSTALL IN KNEE SPACE.
3. ACCESSIBLE DOOR OPERATOR AND PRESSPADS.
4. CORD REELS. SEE E403 FOR DETAIL.
5. INSTALL RECEPTACLE FOR DISHWASHER IN ADJACENT CABINET. COORDINATE IN FIELD.
6. HOUSEKEEPING PAD. SEE DETAIL E403.



GROUND FLOOR - UNIT B - POWER

SCALE: 1/8" = 1'-0"

NORTH



KEYPLAN

0 2 4 6 8 16 24 32

1 2 3 4

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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	LPC	TEH

DRAWING TITLE:
GROUND FLOOR PLAN - UNIT B - POWER

CERTIFIED BY:
TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER
08/09/2024

DRAWING NUMBER
E211B

PROJECT NUMBER
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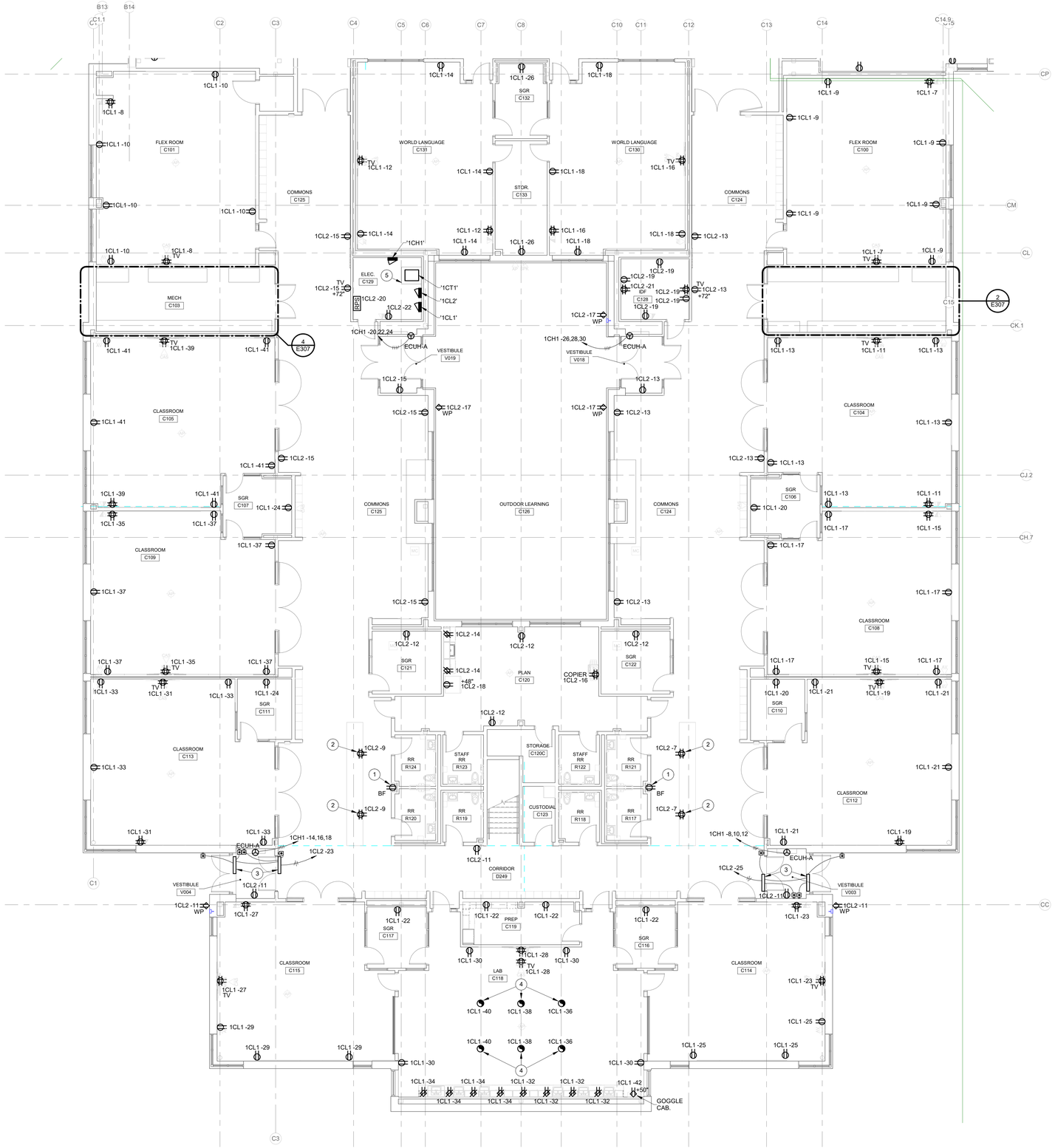


GROUND FLOOR - UNIT C - POWER

SCALE: 1/8" = 1'-0"

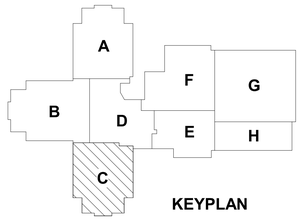
NORTH

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.
2. SEE TELECOM DRAWINGS FOR HEIGHT OF T.V. RECEPTACLES.
3. COORDINATE RECEPTACLES WITH MARKERBOARDS. SEE ARCHITECTURAL ELEVATIONS.

PLAN NOTES:

1. PROVIDE RECEPTACLE CONCEALED IN BOTTLE FILLER HOUSING. COORDINATE LOCATION WITH BOTTLE FILLER INSTALLER PRIOR TO ROUGH-IN. FEED RECEPTACLE FROM GFCI CIRCUIT BREAKER.
2. INSTALL IN KNEE SPACE.
3. ACCESSIBLE DOOR OPERATOR AND PRESSPADS.
4. CORD REELS. SEE E403 FOR DETAIL.
5. HOUSEKEEPING PAD. SEE DETAIL E403.



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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	LPC	TEH

DRAWING TITLE:

GROUND FLOOR PLAN - UNIT C - POWER

CERTIFIED BY:

TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER

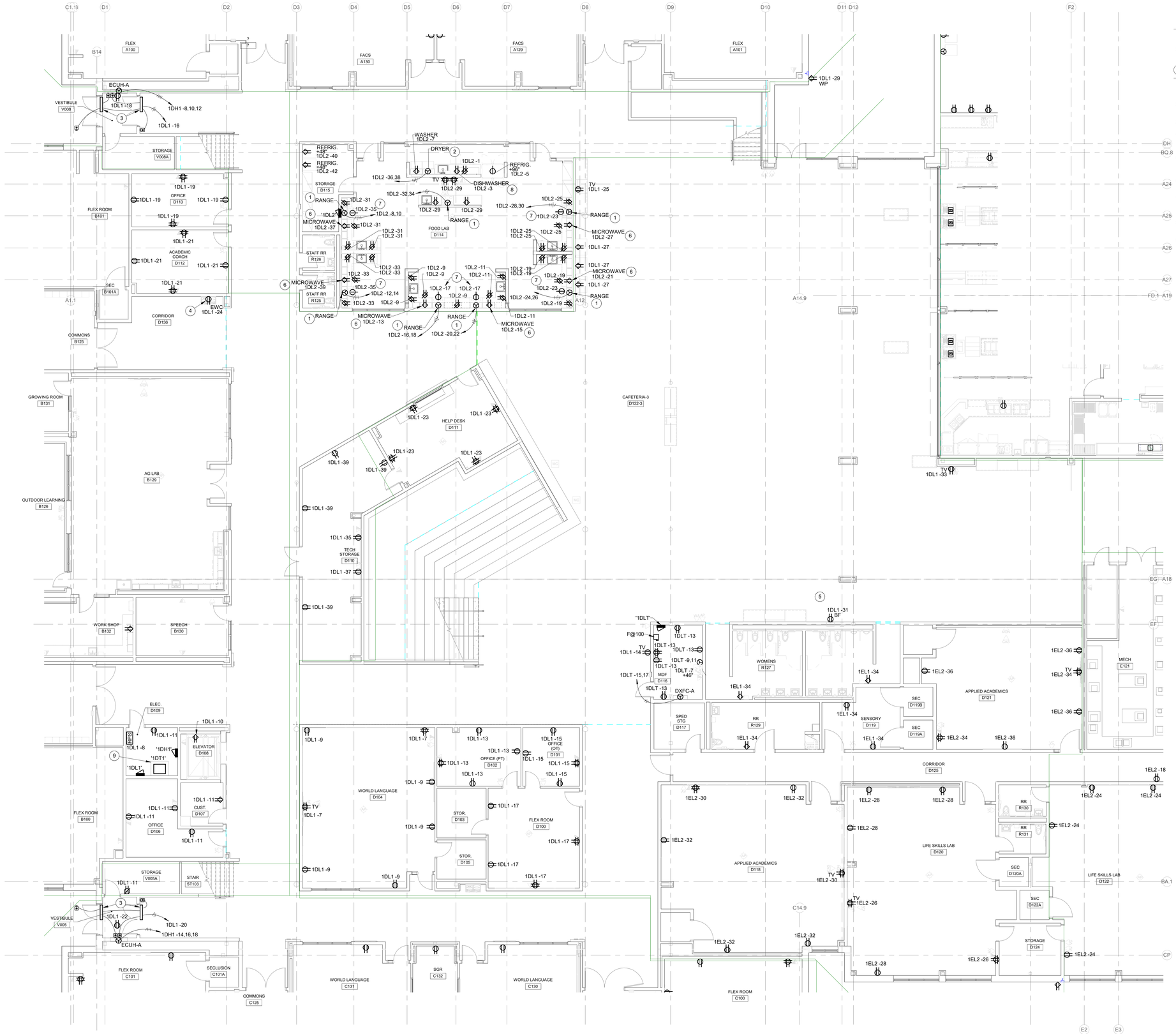
8/09/2024

DRAWING NUMBER

E211C

PROJECT NUMBER

2023061



GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.
2. SEE TELECOM DRAWINGS FOR HEIGHT OF T.V. RECEPTACLES.

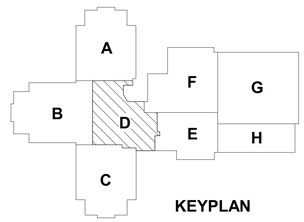
PLAN NOTES:

1. PROVIDE NEMA 14-50R RECEPTACLE FOR ELECTRIC RANGE. 3#8,1#10 GND, 3/4" C.
2. PROVIDE NEMA 14-30R RECEPTACLE FOR DRYER. 3#10,1#10 GND, 3/4" C.
3. ACCESSIBLE DOOR OPERATOR AND PRESSPADS.
4. PROVIDE RECEPTACLE CONCEALED IN EWC HOUSING. COORDINATE LOCATION WITH EWC INSTALLER PRIOR TO ROUGH-IN. FEED RECEPTACLE FROM GFCI CIRCUIT BREAKER.
5. PROVIDE RECEPTACLE CONCEALED IN BOTTLE FILLER HOUSING. COORDINATE LOCATION WITH BOTTLE FILLER INSTALLER PRIOR TO ROUGH-IN. FEED RECEPTACLE FROM GFCI CIRCUIT BREAKER.
6. MOUNT RECEPTACLE CENTERED IN MICROWAVE SHELF. COORDINATE LOCATION IN FIELD.
7. PROVIDE RECEPTACLE IN CABINET ABOVE RANGE FOR RANGE HOOD. RECEPTACLE TO BE MOUNTED 6 INCHES ABOVE CABINET FLOOR TOWARDS RIGHT CABINET WALL.
8. INSTALL RECEPTACLE FOR DISHWASHER IN ADJACENT CABINET. COORDINATE IN FIELD.
9. HOUSEKEEPING PAD. SEE DETAIL ON E403.

GROUND FLOOR - UNIT D - POWER

SCALE: 1/8" = 1'-0"

NORTH



KEYPLAN

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D&A# 23085
732 North Capitol Avenue
Indianapolis, IN 46204
Phone: (317) 634-4672
Fax: (317) 638-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

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On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	LPC	TEH

DRAWING TITLE:

GROUND FLOOR PLAN - UNIT D - POWER

CERTIFIED BY:

TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

E211D

PROJECT NUMBER

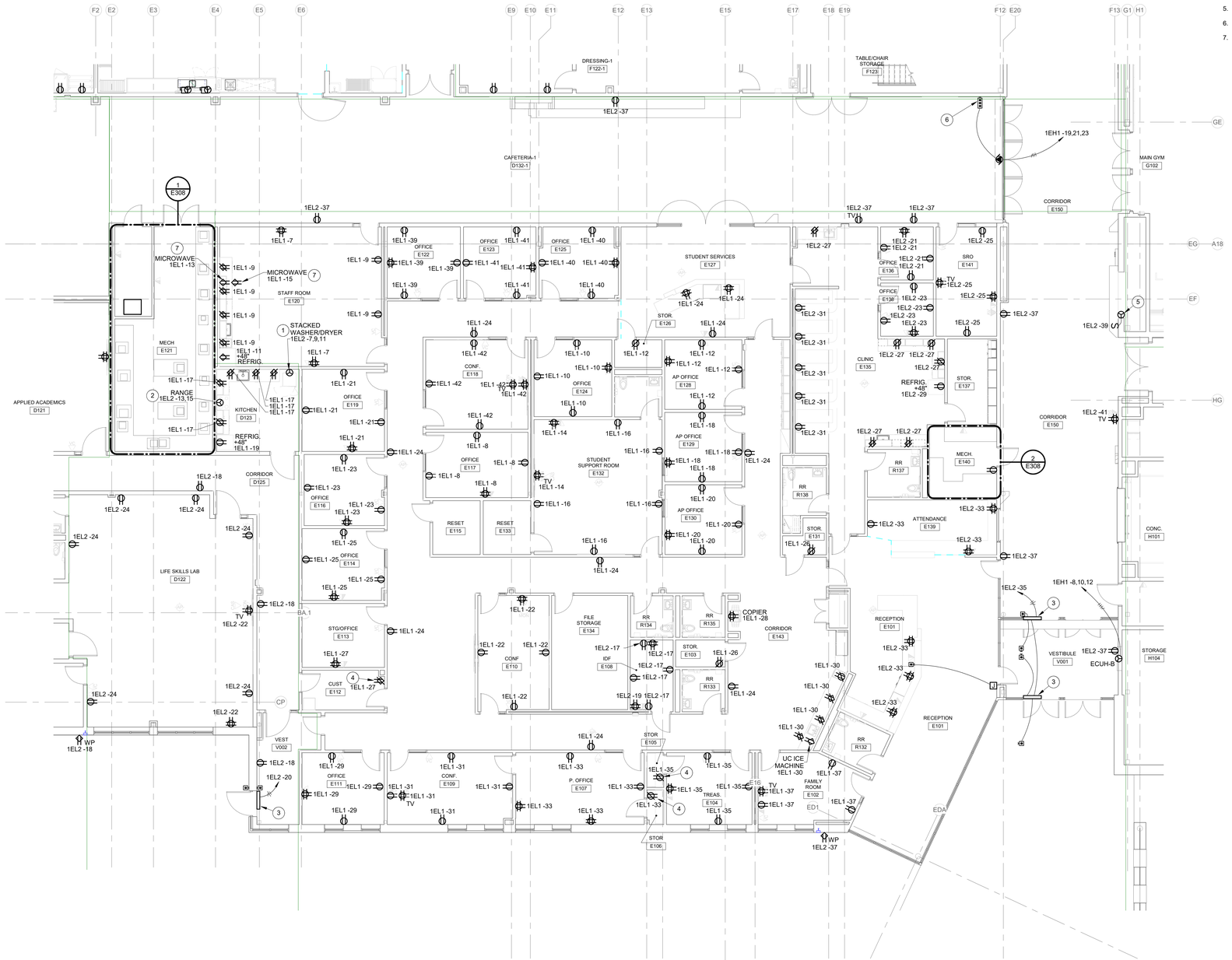
2023061

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.
2. SEE TELECOM DRAWINGS FOR HEIGHT OF T.V. RECEPTACLES.

PLAN NOTES:

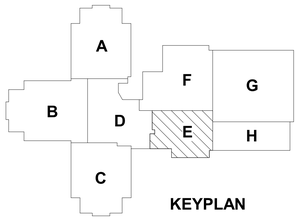
1. NEMA 14-30R RECEPTACLE FOR WASHER/DRYER STACK. (3#10, 3/4" C.).
2. NEMA 14-30R RECEPTACLE FOR RANGE. (4#10, 3/4" C.)
3. PROVIDE CIRCUIT FOR ADA DOOR OPERATOR. COORDINATE CONTROLS WITH HARDWARE PROVIDER. (2#12, 1#12 GND, 3/4"C.).
4. INSTALL UNDER 2-GANG PLATE WITH LIGHT SWITCH.
5. DISPLAY CASE.
6. CONTROLS FOR COILING DOOR.
7. MOUNT RECEPTACLE CENTERED IN MICROWAVE SHELF. COORDINATE LOCATION WITH SHELF ELEVATION IN FIELD.



GROUND FLOOR - UNIT E - POWER

SCALE: 1/8" = 1'-0"

NORTH



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Fax: (317) 638-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

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REVISIONS:

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08/09/24	LPC	TEH

DRAWING TITLE:

GROUND FLOOR PLAN - UNIT E - POWER

CERTIFIED BY:

TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

E211E

PROJECT NUMBER

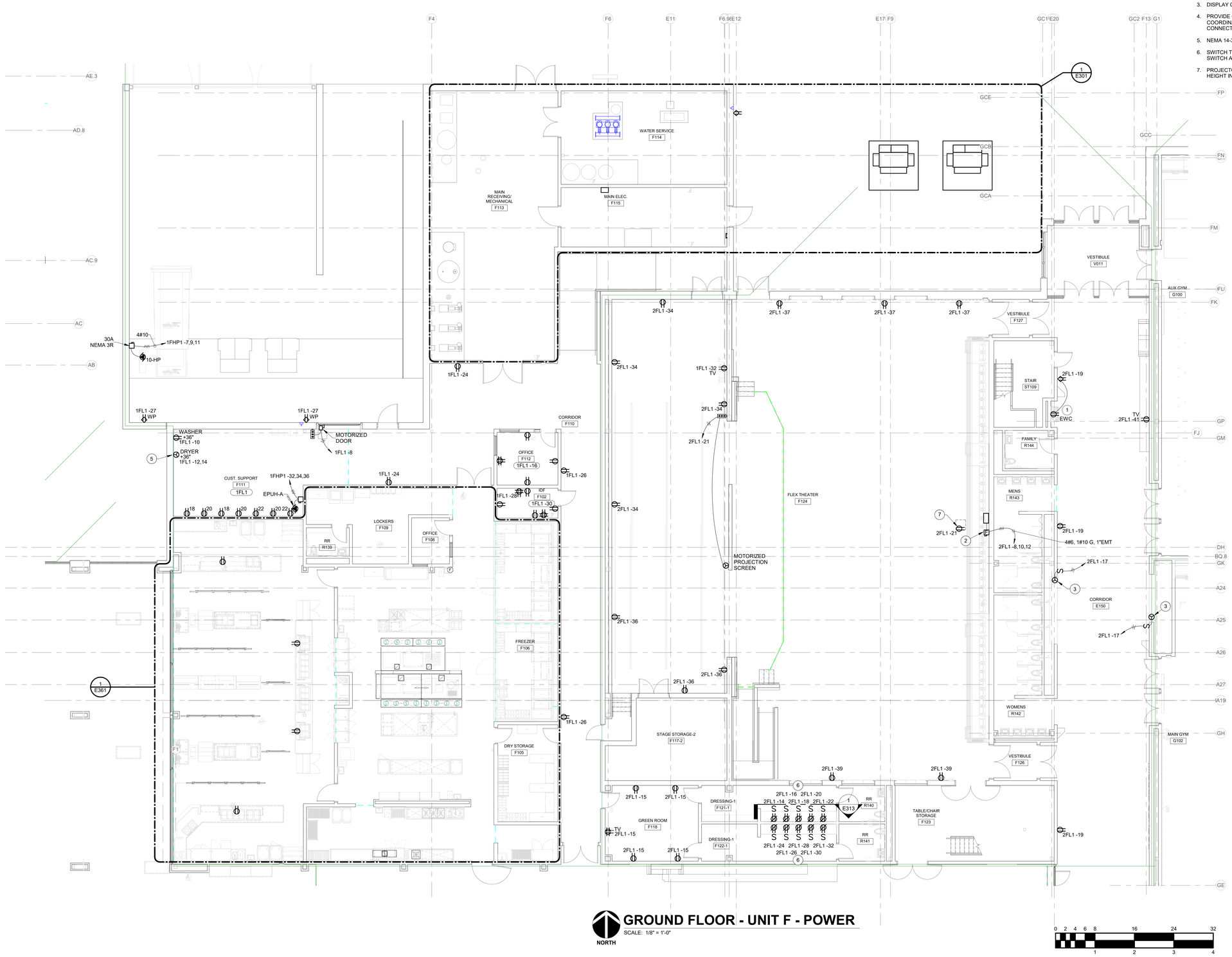
2023061

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.
2. SEE TELECOM DRAWINGS FOR HEIGHT OF T.V. RECEPTACLES.

PLAN NOTES:

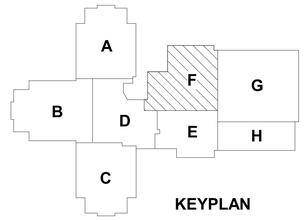
1. PROVIDE RECEPTACLE CONCEALED IN EWC HOUSING. COORDINATE LOCATION WITH EWC INSTALLER PRIOR TO ROUGH-IN. FEED RECEPTACLE FROM LOAD SIDE OF GFCI RECEPTACLE SHOWN.
2. 60A F@60A FOR RETRACTABLE SEATING.
3. DISPLAY CASE.
4. PROVIDE CONNECTION TO MOTORIZED PROJECTION SCREEN. COORDINATE WITH SCREEN MANUFACTURER FOR LOCATION OF CONNECTION PRIOR TO ROUGH-IN.
5. NEMA 14-30 RECEPTACLE.
6. SWITCH TO CONTROL RECEPTACLE. SEE ELEVATION ON E313 FOR SWITCH AND RECEPTACLE LOCATIONS.
7. PROJECTOR. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT IN FIELD.



GROUND FLOOR - UNIT F - POWER

SCALE: 1/8" = 1'-0"

NORTH



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D&A# 23085

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	LPC	TEH

DRAWING TITLE:

GROUND FLOOR PLAN - UNIT F - POWER

CERTIFIED BY:

TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER

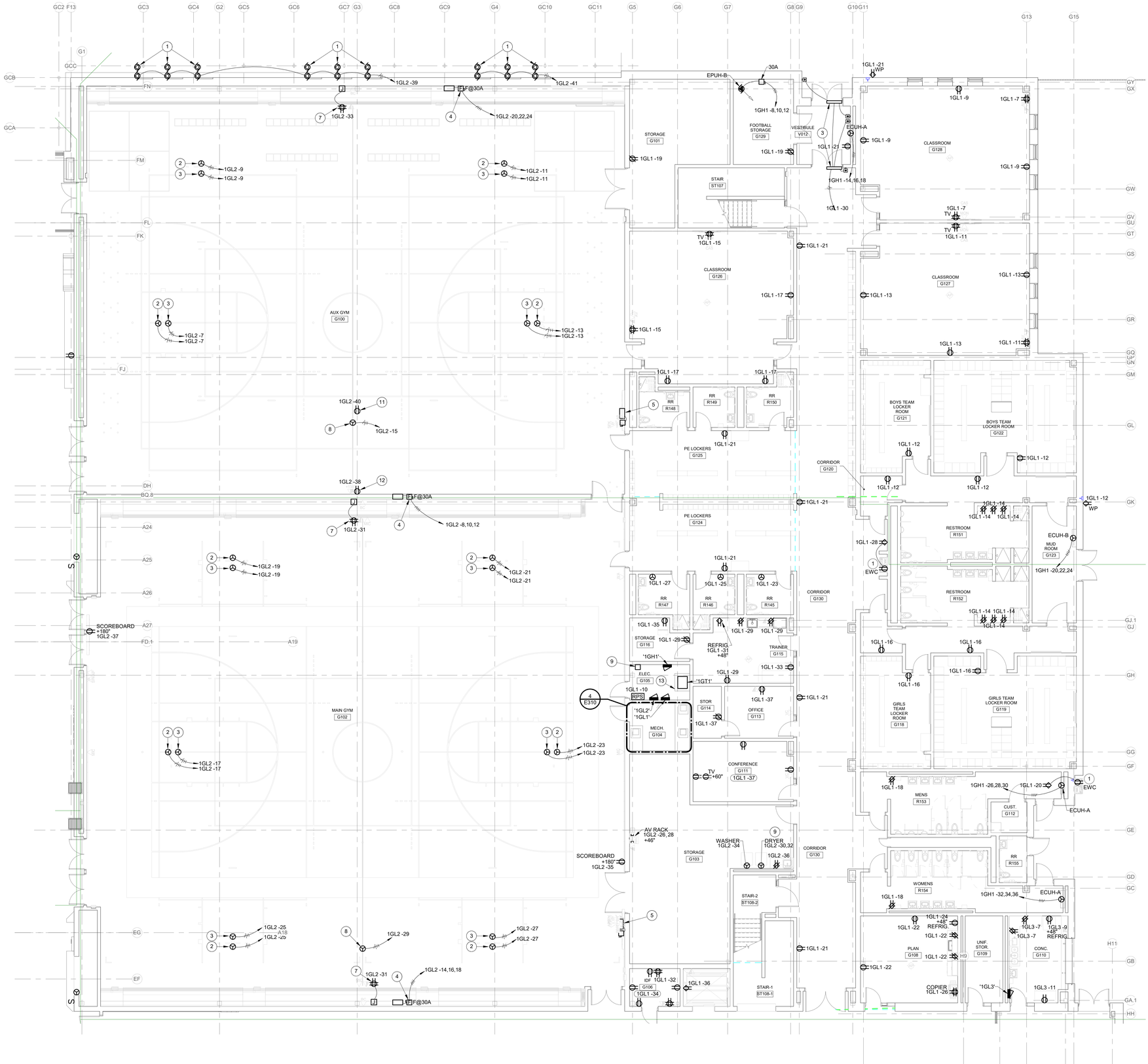
8/09/2024

DRAWING NUMBER

E211F

PROJECT NUMBER

2023061



GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.
2. SEE TELECOM DRAWINGS FOR HEIGHT OF T.V. RECEPTACLES.

PLAN NOTES:

1. PROVIDE RECEPTACLE CONCEALED IN EWC HOUSING. COORDINATE LOCATION WITH EWC INSTALLER PRIOR TO ROUGH-IN. FEED RECEPTACLE FROM LOAD SIDE OF GFCI RECEPTACLE SHOWN.
2. HEIGHT ADJUSTMENT FOR GOAL, NEMA L14-20 R.
3. MOTORIZED GOAL, NEMA L14-20 R.
4. PROVIDE A 208V, 30AMP, 3P FUSED DISCONNECT IN A NEMA 1 ENCLOSURE FOR MOTORIZED BLEACHERS.
5. OPERATOR STATION FOR MOTORIZED BLEACHERS AND MOTORIZED GOALS.
6. ROLLER SHADES.
7. SEE DETAIL ON E403.
8. DIVIDER CURTAIN.
9. RELAY PANEL FOR OPERATOR STATION.
10. NEMA 14-30R RECEPTACLE FOR DRYER. (3#10, 1#10 GND, 3/4" C.).
11. LŪ ÜNO LIGHT & SOUND MODULE.
12. LŪ ÜNO HEART MODULE.
13. HOUSEKEEPING PAD. SEE DETAIL ON E403.

GROUND FLOOR - UNIT G - POWER

SCALE: 1/8" = 1'-0"

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D&A# 23085

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

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08/09/24	LPC	TEH

DRAWING TITLE:
GROUND FLOOR PLAN - UNIT G - POWER

CERTIFIED BY:
TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
E211G

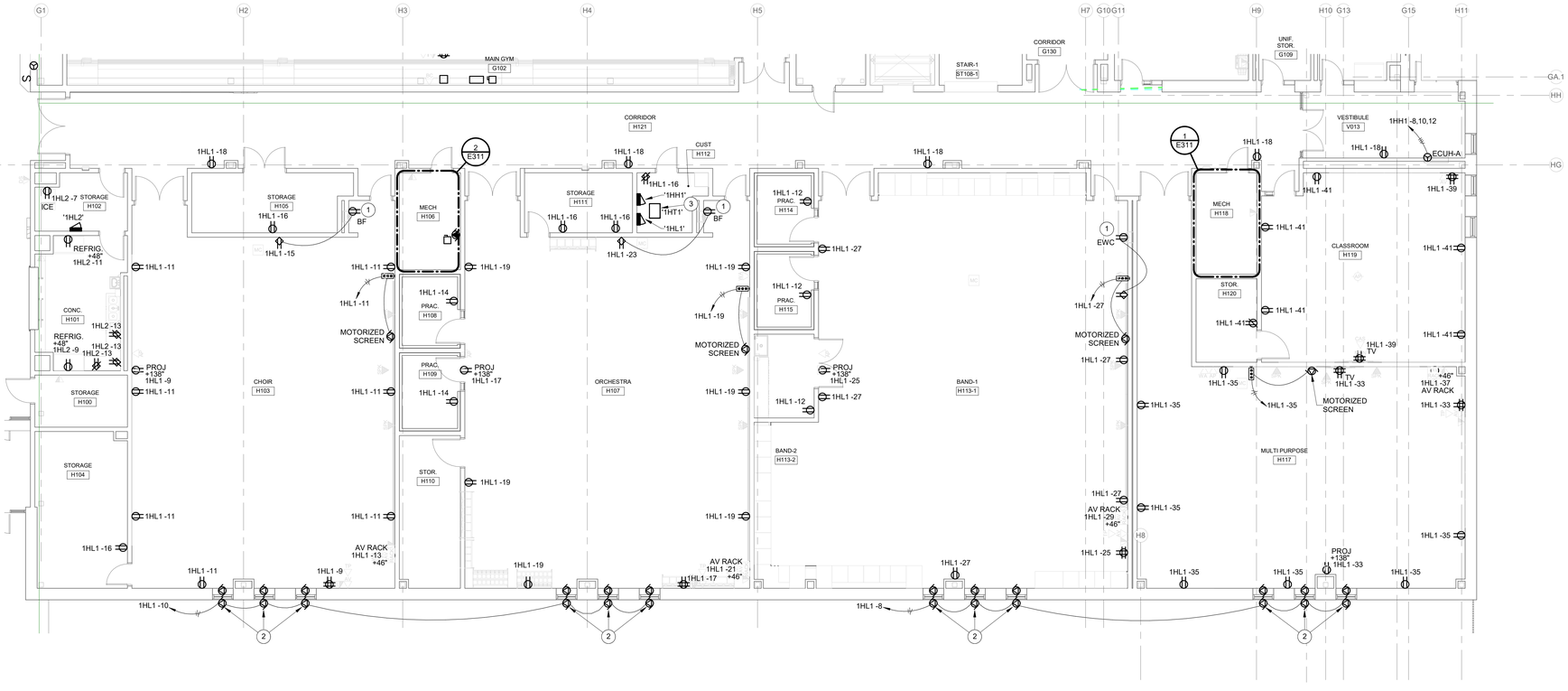
PROJECT NUMBER
2023061

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.
2. SEE TELECOM DRAWINGS FOR HEIGHT OF T.V. RECEPTACLES.

PLAN NOTES:

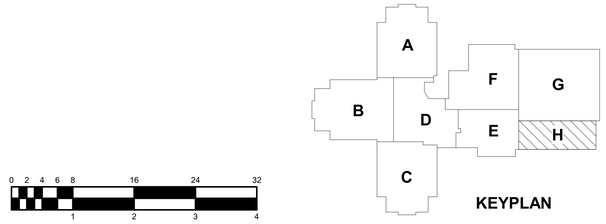
1. PROVIDE RECEPTACLE CONCEALED IN BOTTLE FILLER HOUSING. COORDINATE LOCATION WITH BOTTLE FILLER INSTALLER PRIOR TO ROUGH-IN. FEED RECEPTACLE FROM LOAD SIDE OF GFCI RECEPTACLE SHOWN.
2. ROLLER SHADES.
3. RACKED TRANSFORMER.



GROUND FLOOR - UNIT H - POWER

SCALE: 1/8" = 1'-0"

NORTH



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PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

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08/09/24	LPC	TEH

DRAWING TITLE:

GROUND FLOOR PLAN - UNIT H - POWER

CERTIFIED BY:

TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER

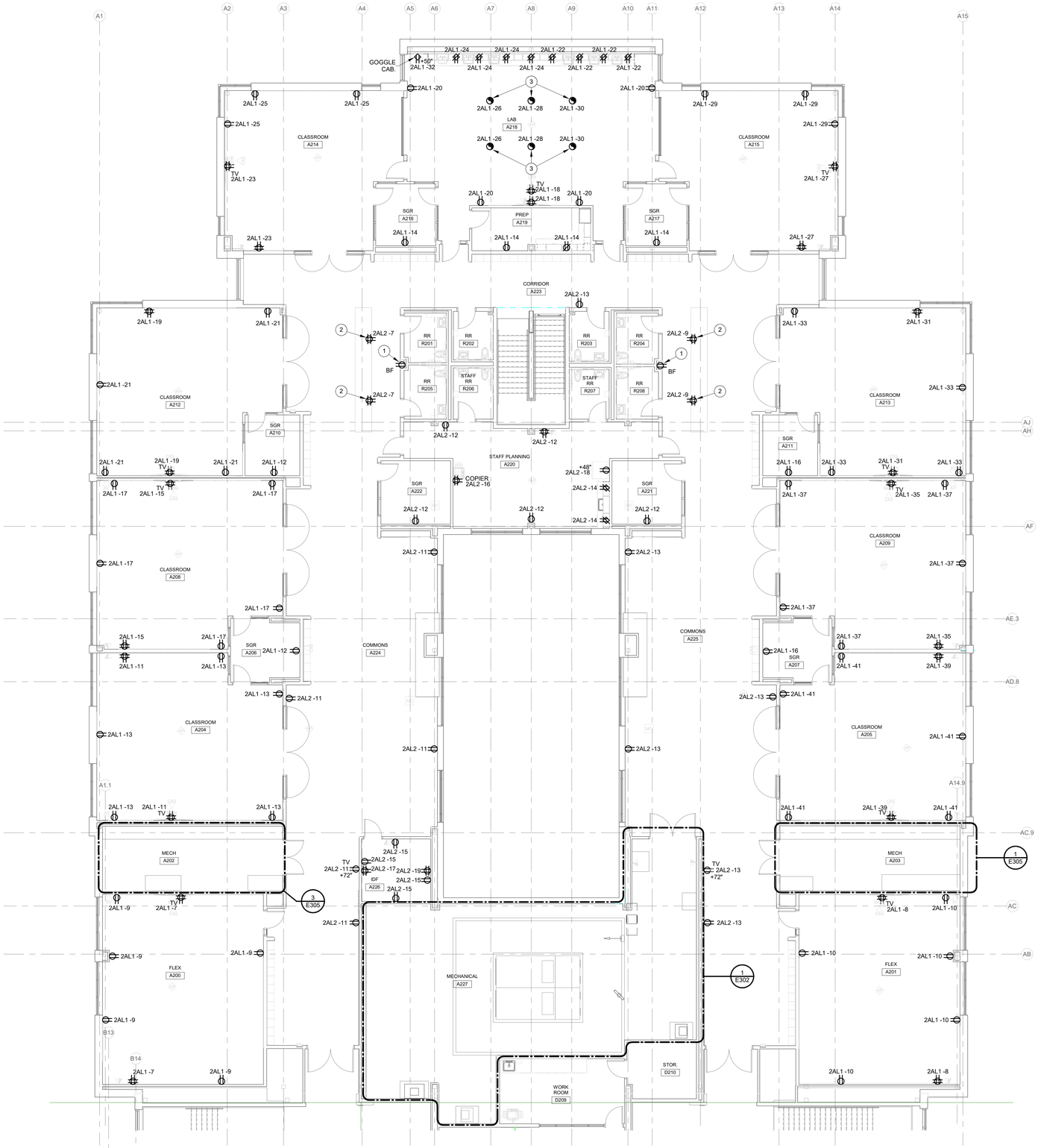
8/09/2024

DRAWING NUMBER

E211H

PROJECT NUMBER

2023061



SECOND FLOOR - UNIT A - POWER

SCALE: 1/8" = 1'-0"

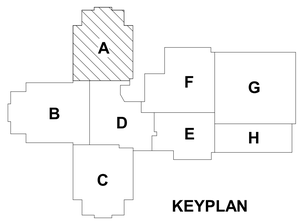
NORTH

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.
2. SEE TELECOM DRAWINGS FOR HEIGHT OF T.V. RECEPTACLES.
3. COORDINATE RECEPTACLES WITH MARKERBOARDS. SEE ARCHITECTURAL ELEVATIONS.

PLAN NOTES:

1. PROVIDE RECEPTACLE CONCEALED IN BOTTLE FILLER HOUSING. COORDINATE LOCATION WITH BOTTLE FILLER INSTALLER PRIOR TO ROUGH-IN. FEED RECEPTACLE FROM GFCI CIRCUIT BREAKER.
2. INSTALL IN KNEE SPACE.
3. CORD REELS. SEE E403 FOR DETAIL.



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PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	LPC	TEH

DRAWING TITLE:

SECOND FLOOR PLAN - UNIT A - POWER

CERTIFIED BY:

TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

E212A

PROJECT NUMBER

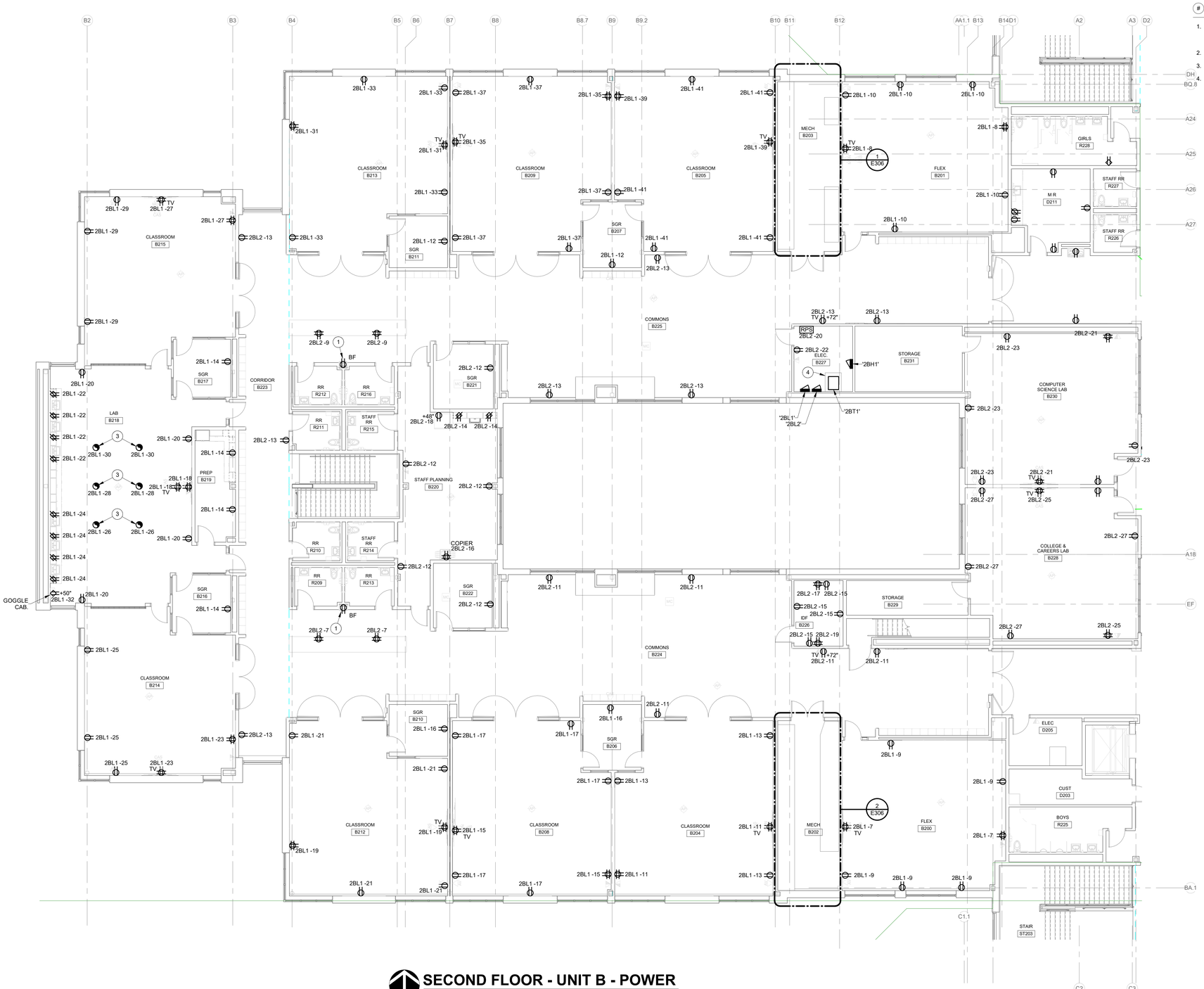
2023061

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.
2. SEE TELECOM DRAWINGS FOR HEIGHT OF T.V. RECEPTACLES.
3. COORDINATE RECEPTACLES WITH MARKERBOARDS. SEE ARCHITECTURAL ELEVATIONS.

(#) PLAN NOTES:

1. PROVIDE RECEPTACLE CONCEALED IN BOTTLE FILLER HOUSING. COORDINATE LOCATION WITH BOTTLE FILLER INSTALLER PRIOR TO ROUGH-IN. FEED RECEPTACLE FROM GFCI CIRCUIT BREAKER.
2. INSTALL IN KNEE SPACE.
3. CORD REELS. SEE E403 FOR DETAIL.
4. HOUSEKEEPING PAD. SEE DETAIL E403.



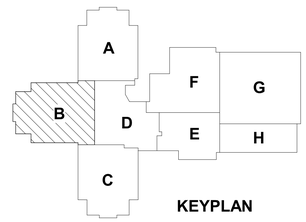
SECOND FLOOR - UNIT B - POWER

SCALE: 1/8" = 1'-0"

NORTH

0 2 4 6 8 16 24 32

1 2 3 4



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PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

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The Trade Contractors shall furnish scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	LPC	TEH

DRAWING TITLE:

SECOND FLOOR PLAN - UNIT B - POWER

CERTIFIED BY:

TIMOTHY E. HILL REGISTERED No. PE19800083 STATE OF INDIANA PROFESSIONAL ENGINEER

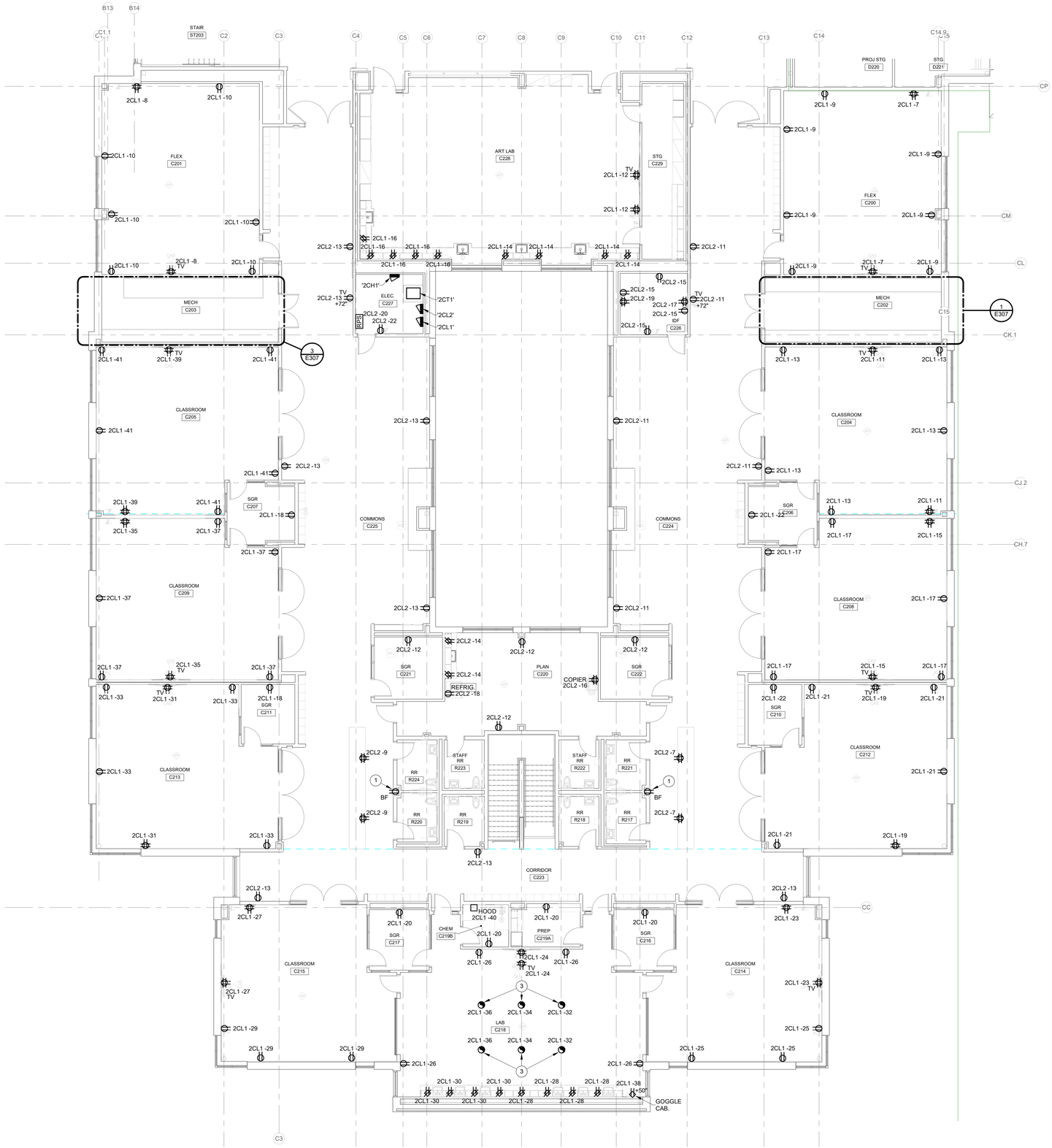
Timothy E. Hill 8/09/2024

DRAWING NUMBER

E212B

PROJECT NUMBER

2023061



SECOND FLOOR - UNIT C - POWER

SCALE: 1/8" = 1'-0"

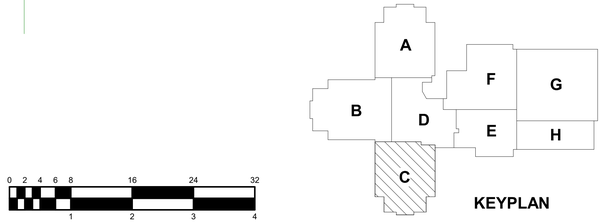
NORTH

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.
2. SEE TELECOM DRAWINGS FOR HEIGHT OF T.V. RECEPTACLES.
3. COORDINATE RECEPTACLES WITH MARKERBOARDS. SEE ARCHITECTURAL ELEVATIONS.

PLAN NOTES:

1. PROVIDE RECEPTACLE CONCEALED IN BOTTLE FILLER HOUSING. COORDINATE LOCATION WITH BOTTLE FILLER INSTALLER PRIOR TO ROUGH-IN. FEED RECEPTACLE FROM GFCI CIRCUIT BREAKER.
2. INSTALL IN KNEE SPACE.
3. CORD REELS. SEE E403 FOR DETAIL.



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PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	LPC	TEH

DRAWING TITLE:

SECOND FLOOR PLAN - UNIT C - POWER

CERTIFIED BY:

TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER

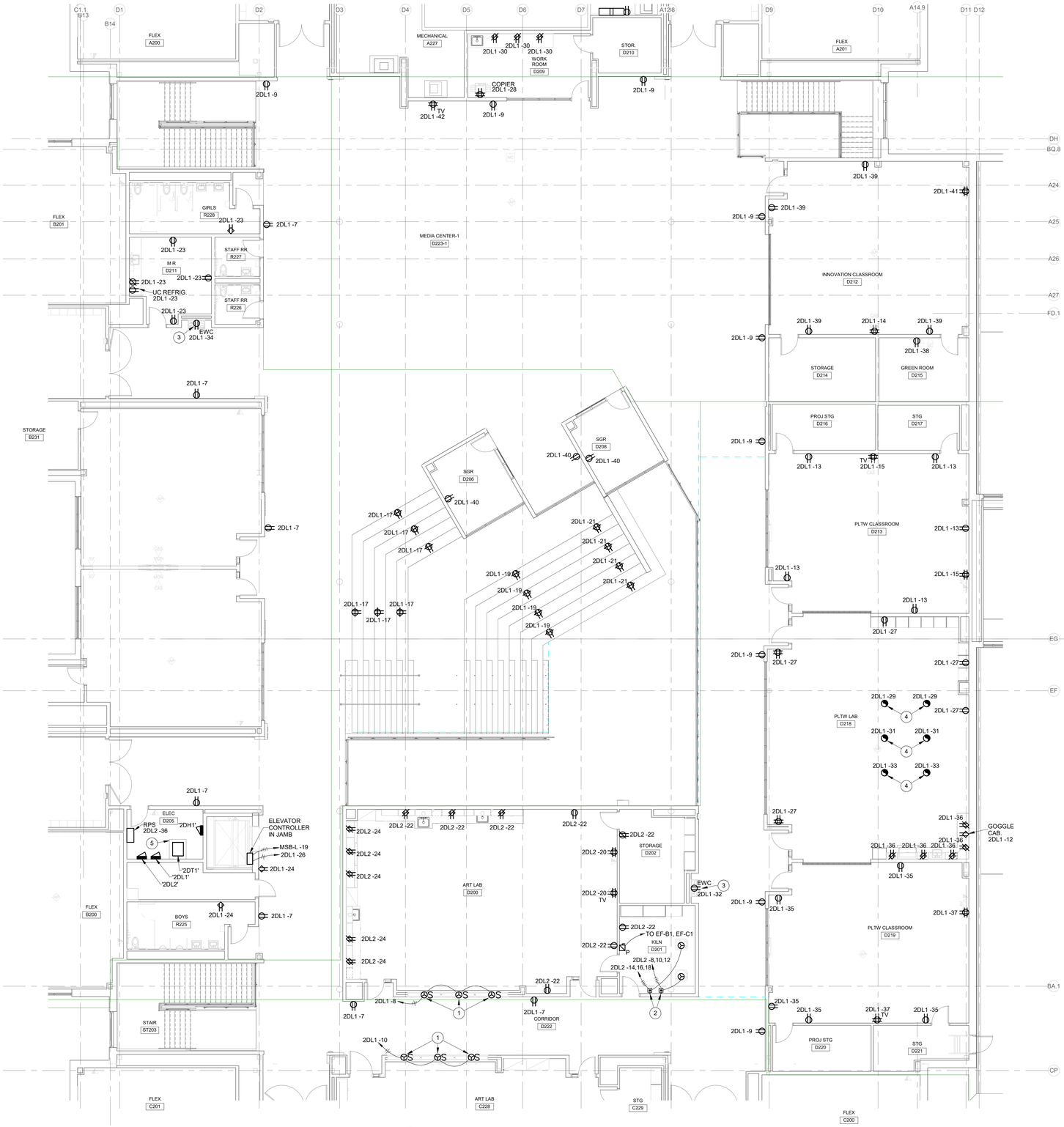
8/09/2024

DRAWING NUMBER

E212C

PROJECT NUMBER

2023061



GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.
2. SEE TELECOM DRAWINGS FOR HEIGHT OF T.V. RECEPTACLES.

(#) PLAN NOTES:

1. DISPLAY CASE.
2. EM PANIC SHUT OFF BUTTON FOR KILN.
3. PROVIDE RECEPTACLE CONCEALED IN EWC HOUSING. COORDINATE LOCATION WITH EWC INSTALLER PRIOR TO ROUGH-IN. FEED RECEPTACLE FROM GFCI CIRCUIT BREAKER.
4. CORD REELS. SEE E403 FOR DETAIL.
5. HOUSEKEEPING PAD. SEE DETAIL E403.

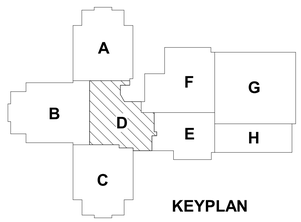
SECOND FLOOR - UNIT D - POWER

SCALE: 1/8" = 1'-0"

NORTH

0 2 4 6 8 16 24 32

1 2 3 4



KEYPLAN

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D&A# 23085
R.E. Dimond and Associates, Inc.
Consulting Engineers
732 North Capitol Avenue
Indianapolis, IN 46204
Phone: (317) 634-4672
Fax: (317) 639-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	LPC	TEH

DRAWING TITLE:

SECOND FLOOR PLAN - UNIT D - POWER

CERTIFIED BY:

TIMOTHY E. HILL REGISTERED No. PE19800083 STATE OF INDIANA PROFESSIONAL ENGINEER

Timothy E. Hill 8/ 09/ 2024

DRAWING NUMBER

E212D

PROJECT NUMBER

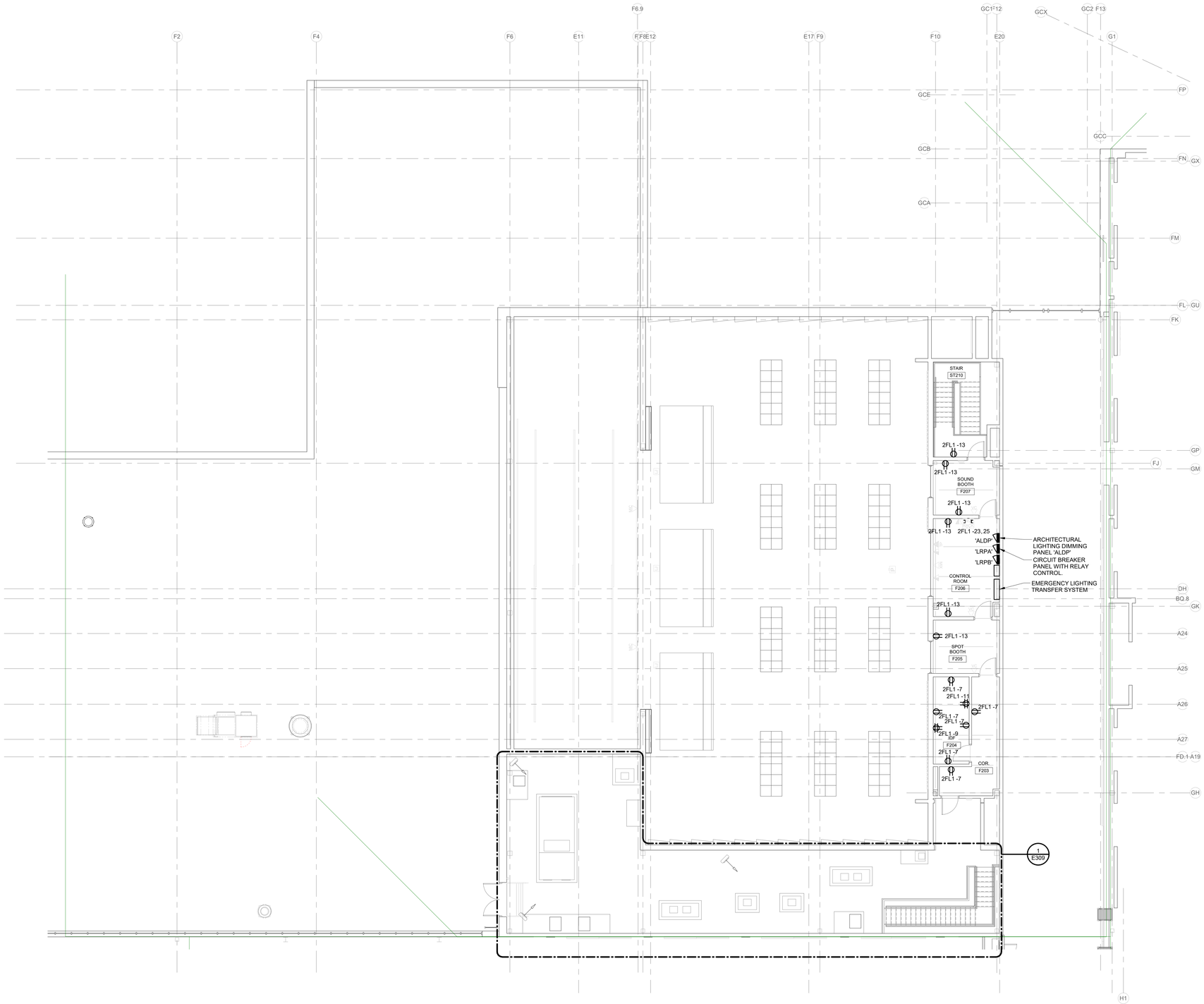
2023061

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.
2. SEE TELECOM DRAWINGS FOR HEIGHT OF T.V. RECEPTACLES.

PLAN NOTES:

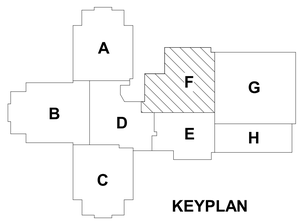
1. PLAN NOTE 1.



SECOND FLOOR - UNIT F - POWER

SCALE: 1/8" = 1'-0"

NORTH



KEYPLAN

0 2 4 6 8 16 24 32

1 2 3 4

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Fax: (317) 638-8725

PROJECT:

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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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08/09/24	LPC	TEH

DRAWING TITLE:

SECOND FLOOR PLAN - UNIT F - POWER

CERTIFIED BY:

TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER

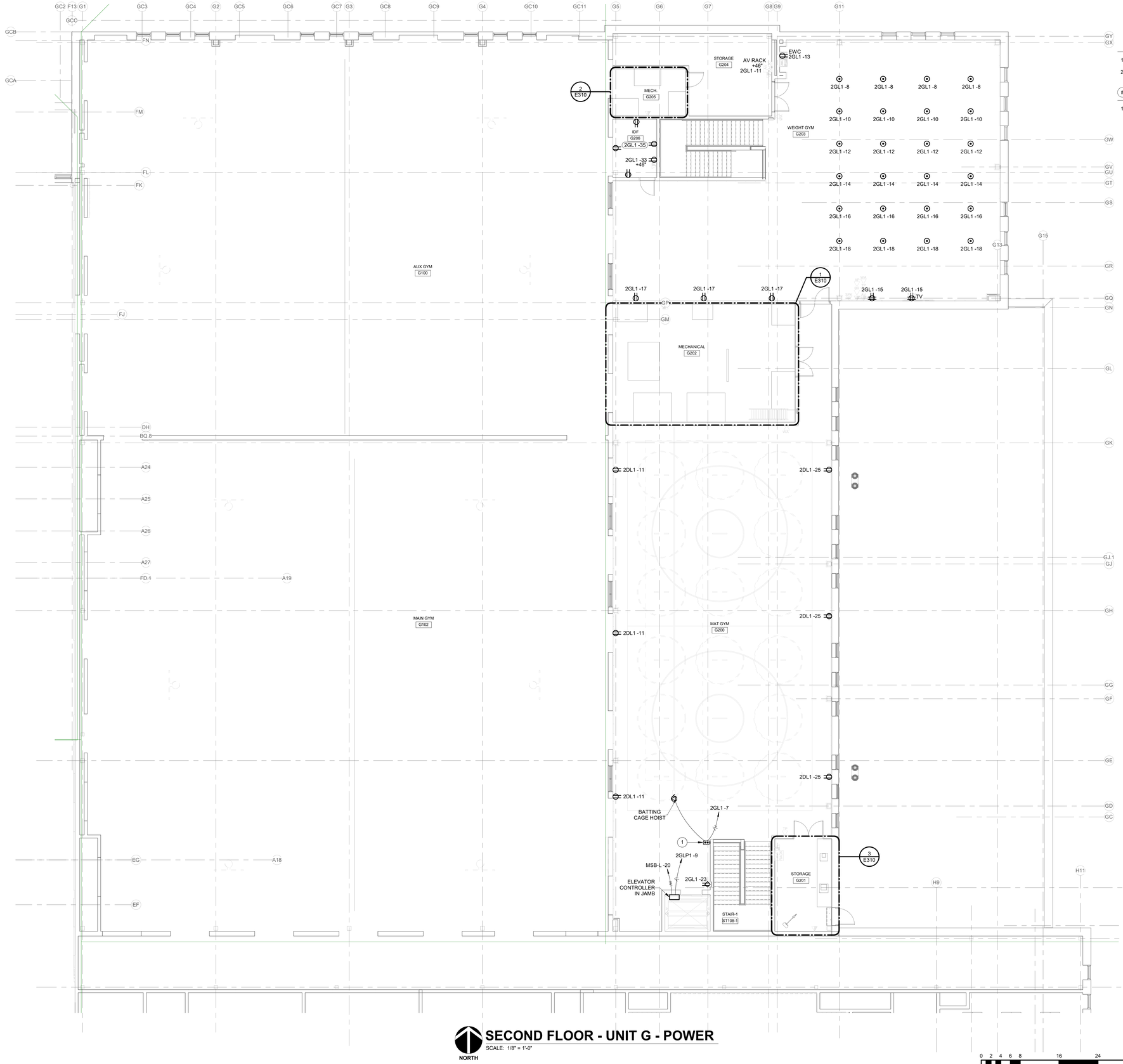
8/09/2024

DRAWING NUMBER

E212F

PROJECT NUMBER

2023061



GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.
2. SEE TELECOM DRAWINGS FOR HEIGHT OF T.V. RECEPTACLES.

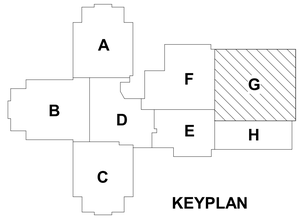
PLAN NOTES:

1. CONTROLS FOR BATTING CAGE HOIST.

SECOND FLOOR - UNIT G - POWER

SCALE: 1/8" = 1'-0"

NORTH



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SECOND FLOOR PLAN - UNIT G - POWER

CERTIFIED BY:

TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

E212G

PROJECT NUMBER

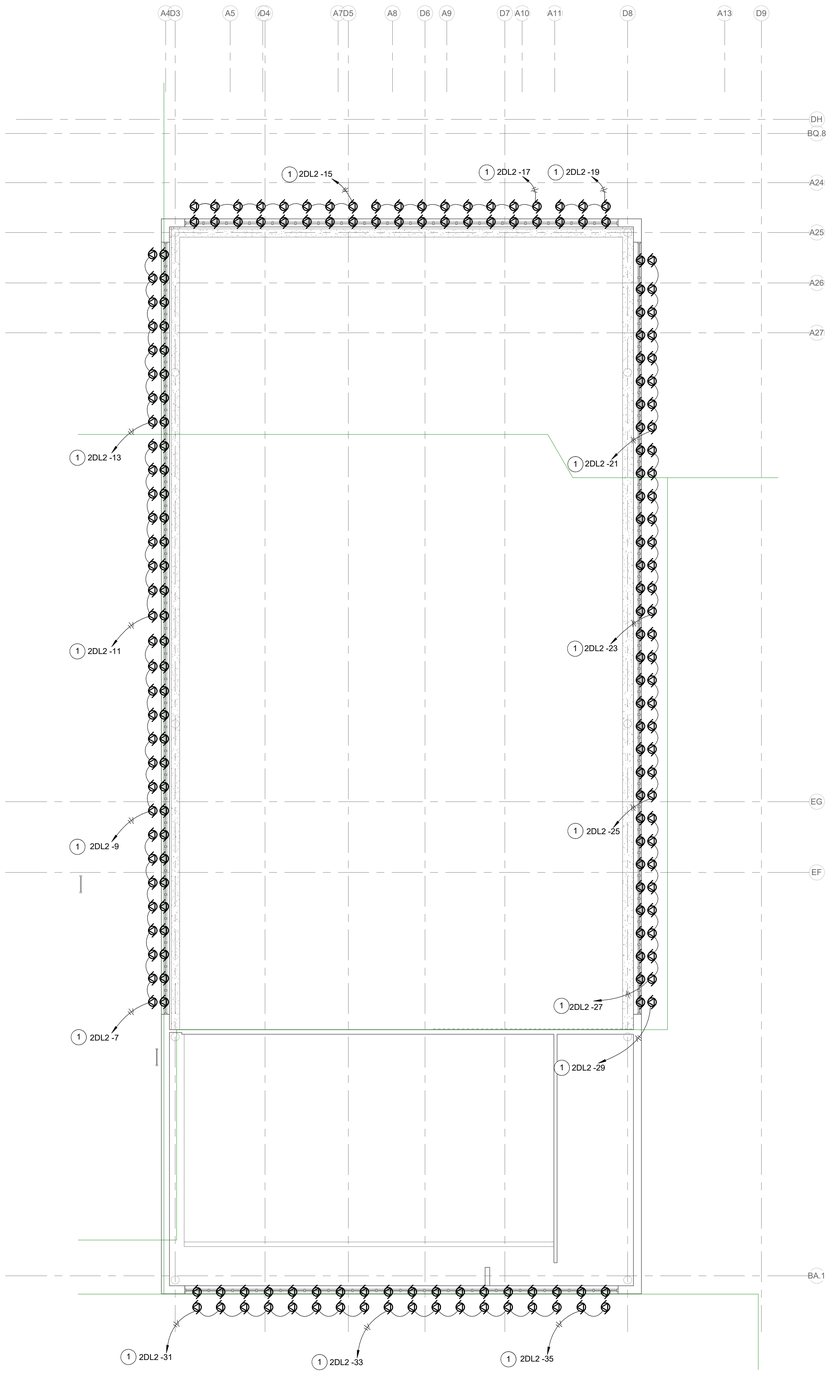
2023061

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.

PLAN NOTES:

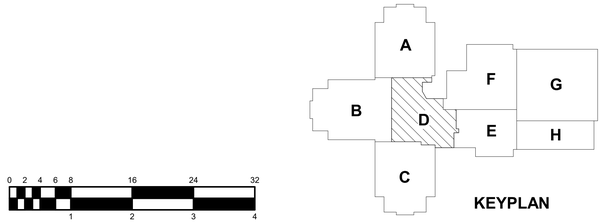
1. MOTORIZED ROLLER SHADES.



NORTH

CLEAR STORY PLAN - UNIT D - POWER

SCALE: 1/8" = 1'-0"



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CLEAR STORY PLAN - UNIT D - POWER

CERTIFIED BY:
TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
E213D

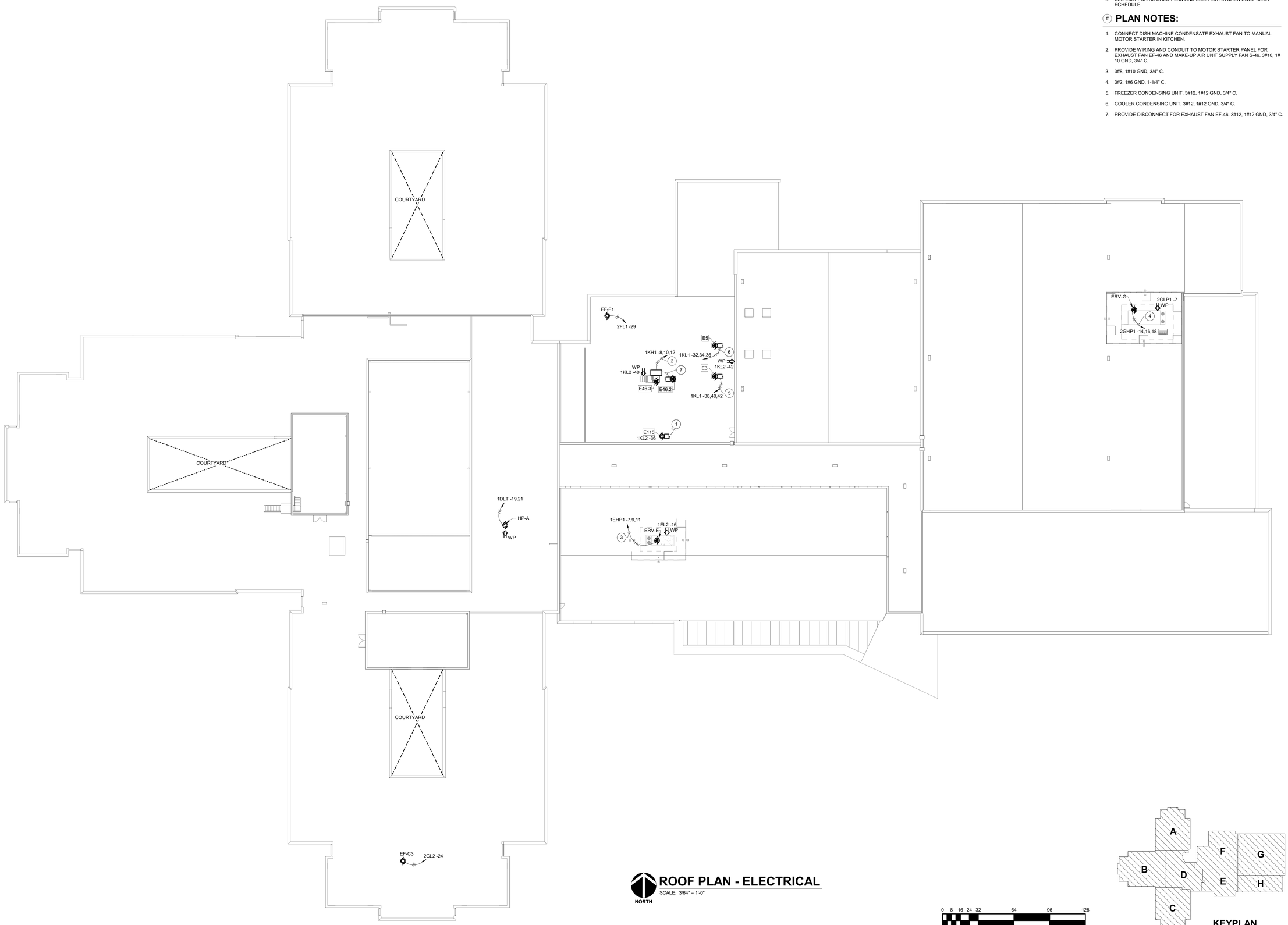
PROJECT NUMBER
2023061

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.
2. FOR KITCHEN EQUIPMENT, ELECTRICAL CONTRACTOR TO PROVIDE STARTERS, JUNCTION BOXES, DISCONNECTS, AND CONDUIT REQUIRED FOR EQUIPMENT INSTALLATION IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND ELECTRICAL CODE REQUIREMENTS.
3. SEE E361 FOR KITCHEN PLAN AND E362 FOR KITCHEN EQUIPMENT SCHEDULE.

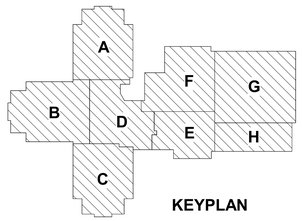
PLAN NOTES:

1. CONNECT DISH MACHINE CONDENSATE EXHAUST FAN TO MANUAL MOTOR STARTER IN KITCHEN.
2. PROVIDE WIRING AND CONDUIT TO MOTOR STARTER PANEL FOR EXHAUST FAN EF-46 AND MAKE-UP AIR UNIT SUPPLY FAN S-46. 3#10, 1# 10 GND, 3/4" C.
3. 3#8, 1#10 GND, 3/4" C.
4. 3#2, 1#6 GND, 1-1/4" C.
5. FREEZER CONDENSING UNIT. 3#12, 1#12 GND, 3/4" C.
6. COOLER CONDENSING UNIT. 3#12, 1#12 GND, 3/4" C.
7. PROVIDE DISCONNECT FOR EXHAUST FAN EF-46. 3#12, 1#12 GND, 3/4" C.



ROOF PLAN - ELECTRICAL

SCALE: 3/64" = 1'-0"



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REVISIONS:

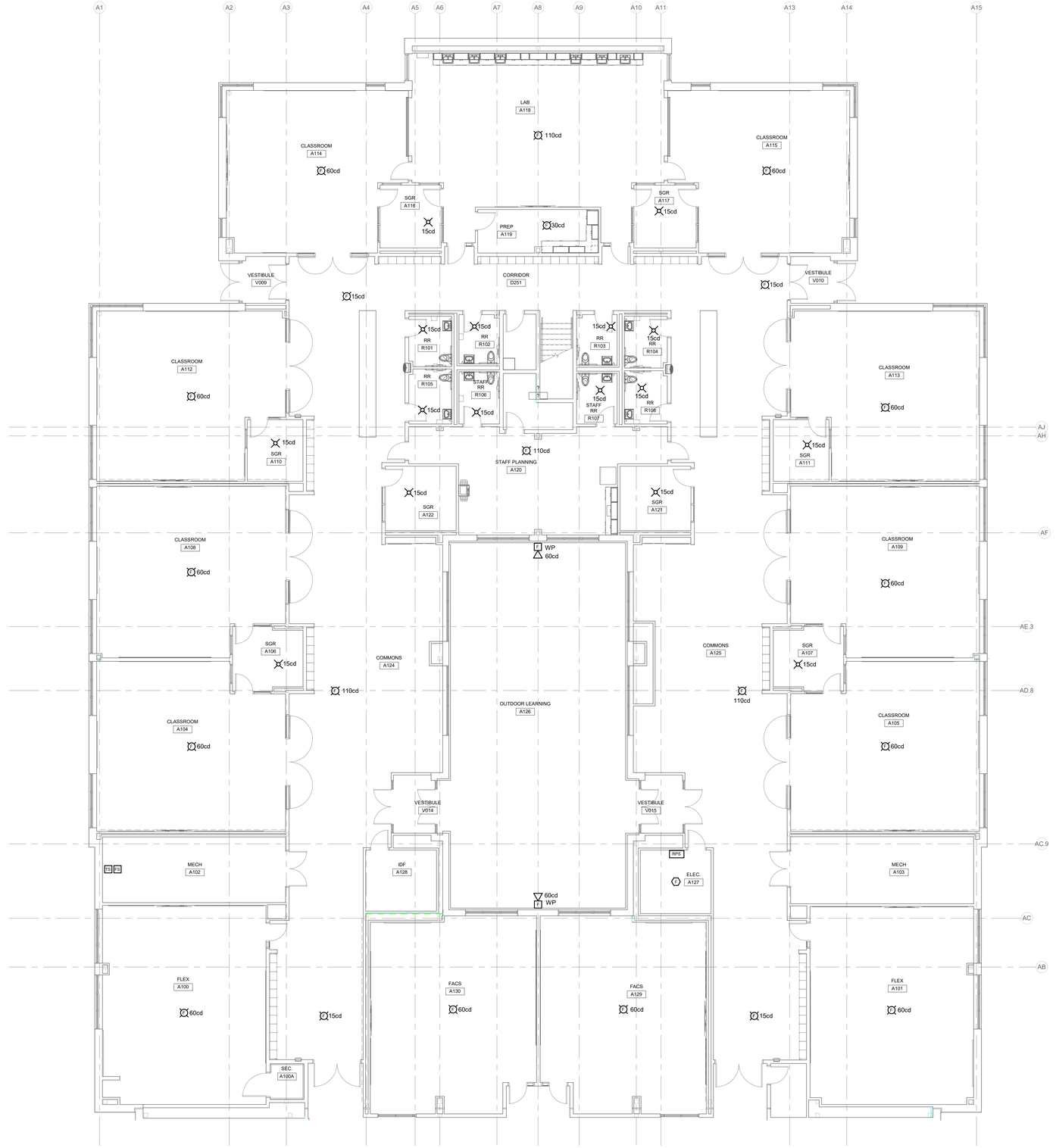
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	GSR	GSR

DRAWING TITLE:
ROOF PLAN - ELECTRICAL

CERTIFIED BY:
TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
E220

PROJECT NUMBER
2023061



GENERAL NOTES:

1. REFER TO DRAWING E001 FOR ADDITIONAL GENERAL NOTES.

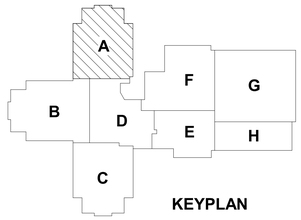
GROUND FLOOR - UNIT A - FIRE ALARM

SCALE: 1/8" = 1'-0"

NORTH

0 2 4 6 8 16 24 32

1 2 3 4



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ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	VH	TEH

DRAWING TITLE:

GROUND FLOOR PLAN - UNIT A - FIRE ALARM

CERTIFIED BY:

TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

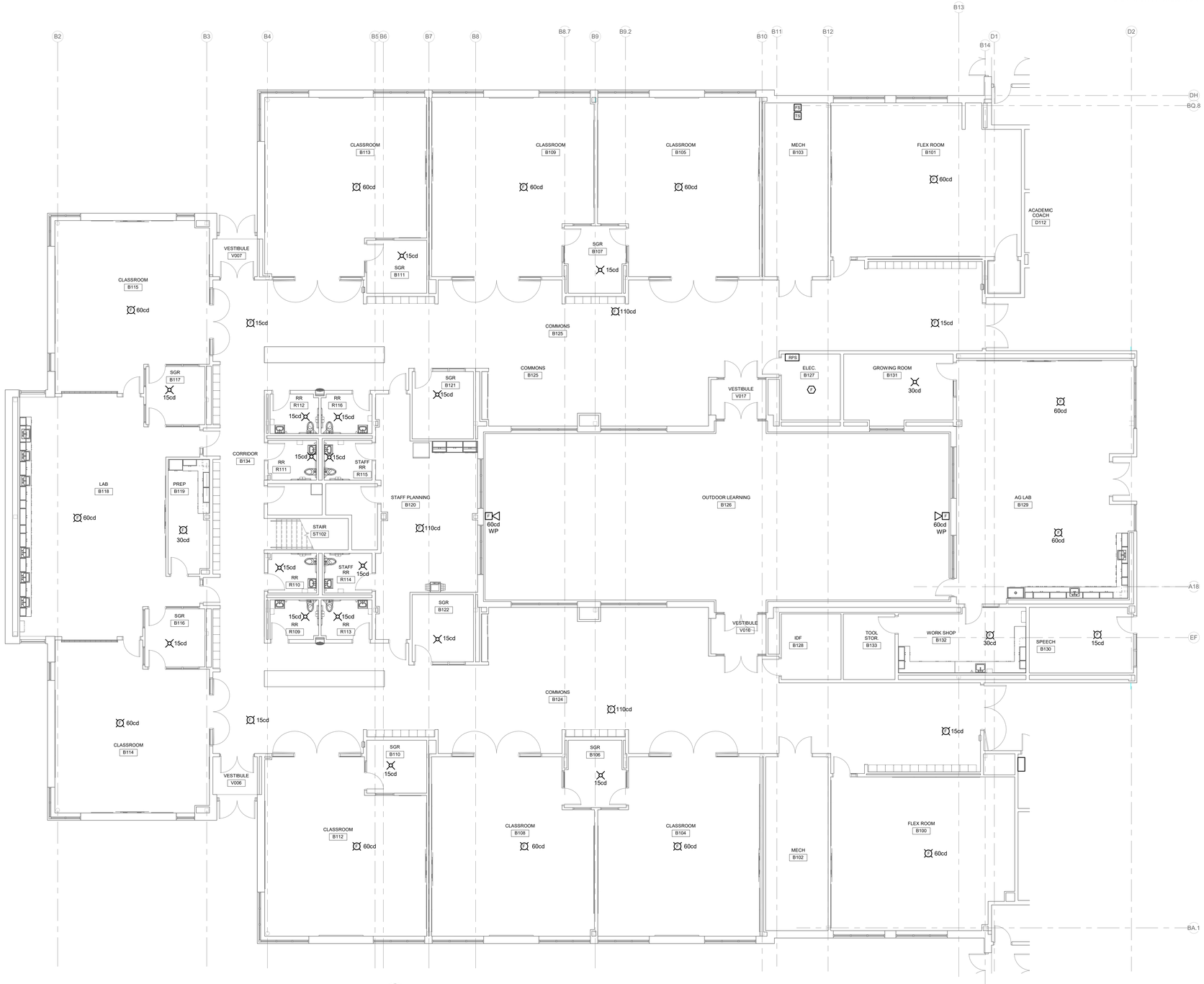
E231A

PROJECT NUMBER

2023061

GENERAL NOTES:

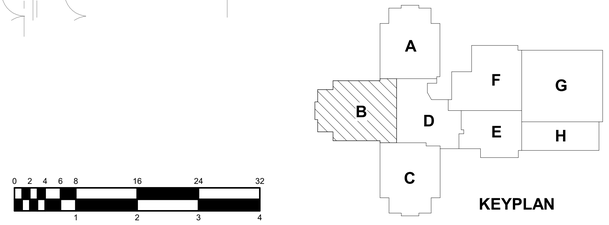
1. REFER TO DRAWING E001 FOR ADDITIONAL GENERAL NOTES.



GROUND FLOOR - UNIT B - FIRE ALARM

SCALE: 1/8" = 1'-0"

NORTH



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BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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08/09/24	VH	TEH

DRAWING TITLE:

GROUND FLOOR PLAN - UNIT B - FIRE ALARM

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REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER

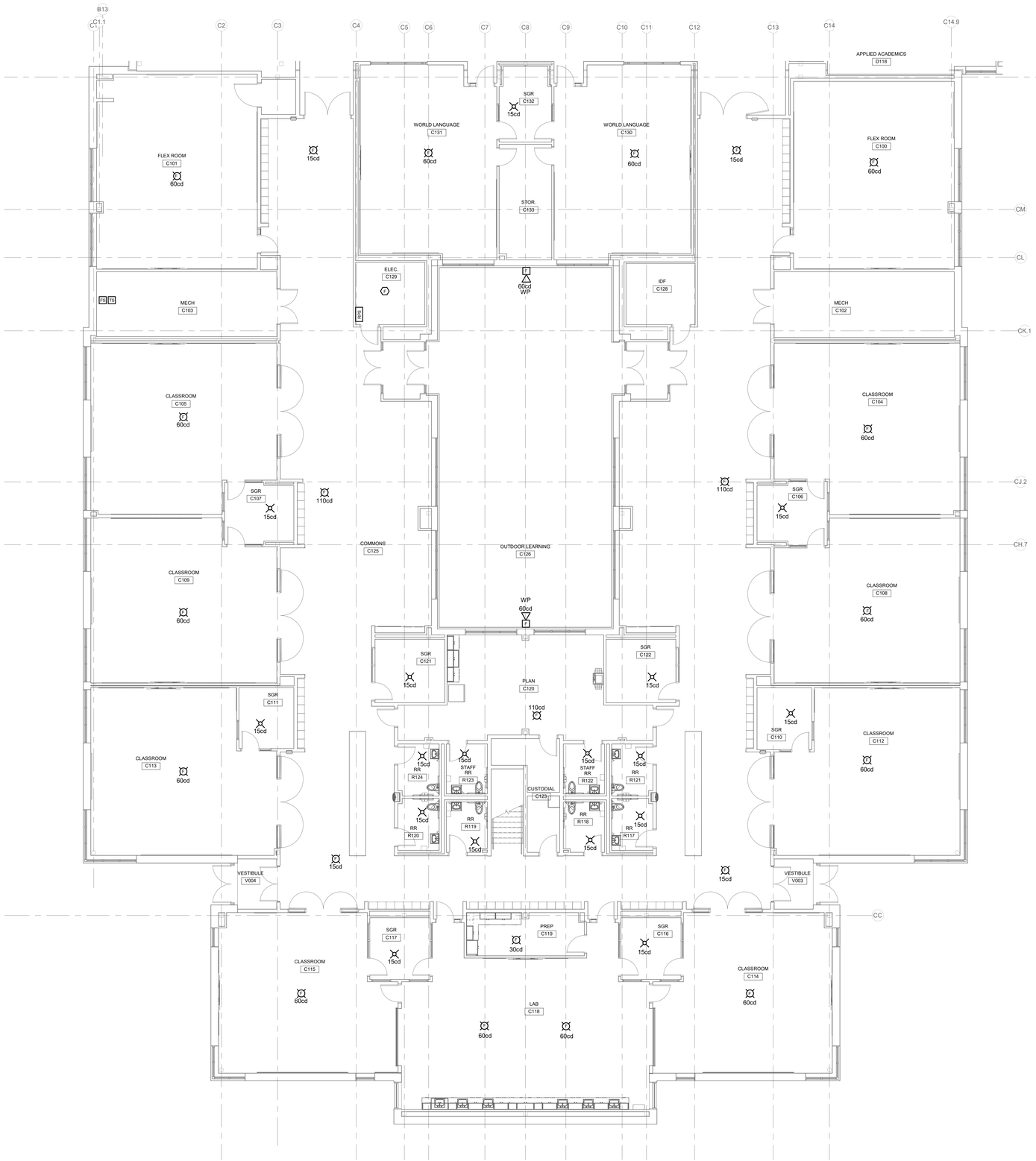
8/09/2024

DRAWING NUMBER

E231B

PROJECT NUMBER

2023061



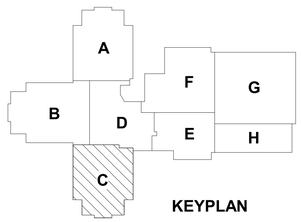
GENERAL NOTES:

1. REFER TO DRAWING E001 FOR ADDITIONAL GENERAL NOTES.

GROUND FLOOR - UNIT C - FIRE ALARM

SCALE: 1/8" = 1'-0"

NORTH



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D&A# 23085

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08/09/24	VH	TEH

DRAWING TITLE:

GROUND FLOOR PLAN - UNIT C - FIRE ALARM

CERTIFIED BY:

TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

E231C

PROJECT NUMBER

2023061



GENERAL NOTES:

1. REFER TO DRAWING E001 FOR ADDITIONAL GENERAL NOTES.

(#) PLAN NOTES:

1. PENDENT MOUNT.

GROUND FLOOR - UNIT D - FIRE ALARM

SCALE: 1/8" = 1'-0"

NORTH

0 2 4 6 8 16 24 32
1 2 3 4

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Phone: (317) 634-4472
Fax: (317) 636-8725

D&A# 23085

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DRAWING TITLE:
GROUND FLOOR PLAN - UNIT D - FIRE ALARM

CERTIFIED BY:
TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/30/2024

DRAWING NUMBER
E231D

PROJECT NUMBER
2023061

GENERAL NOTES:

1. REFER TO DRAWING E001 FOR ADDITIONAL GENERAL NOTES.

(#) PLAN NOTES:

1. INSTALL DUCT SMOKE DETECTOR IN RETURN AIR DUCT OF WSHP-E101 AND CONFIGURE FIRE ALARM RELAY TO SHUT-DOWN HEAT PUMP ON DETECTION OF SMOKE.



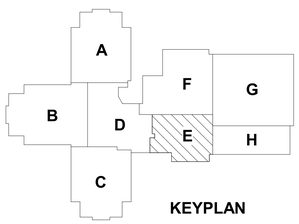
GROUND FLOOR - UNIT E - FIRE ALARM

SCALE: 1/8" = 1'-0"

NORTH

0 2 4 6 8 16 24 32

1 2 3 4



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DRAWING TITLE:

GROUND FLOOR PLAN - UNIT E - FIRE ALARM

CERTIFIED BY:

TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

E231E

PROJECT NUMBER

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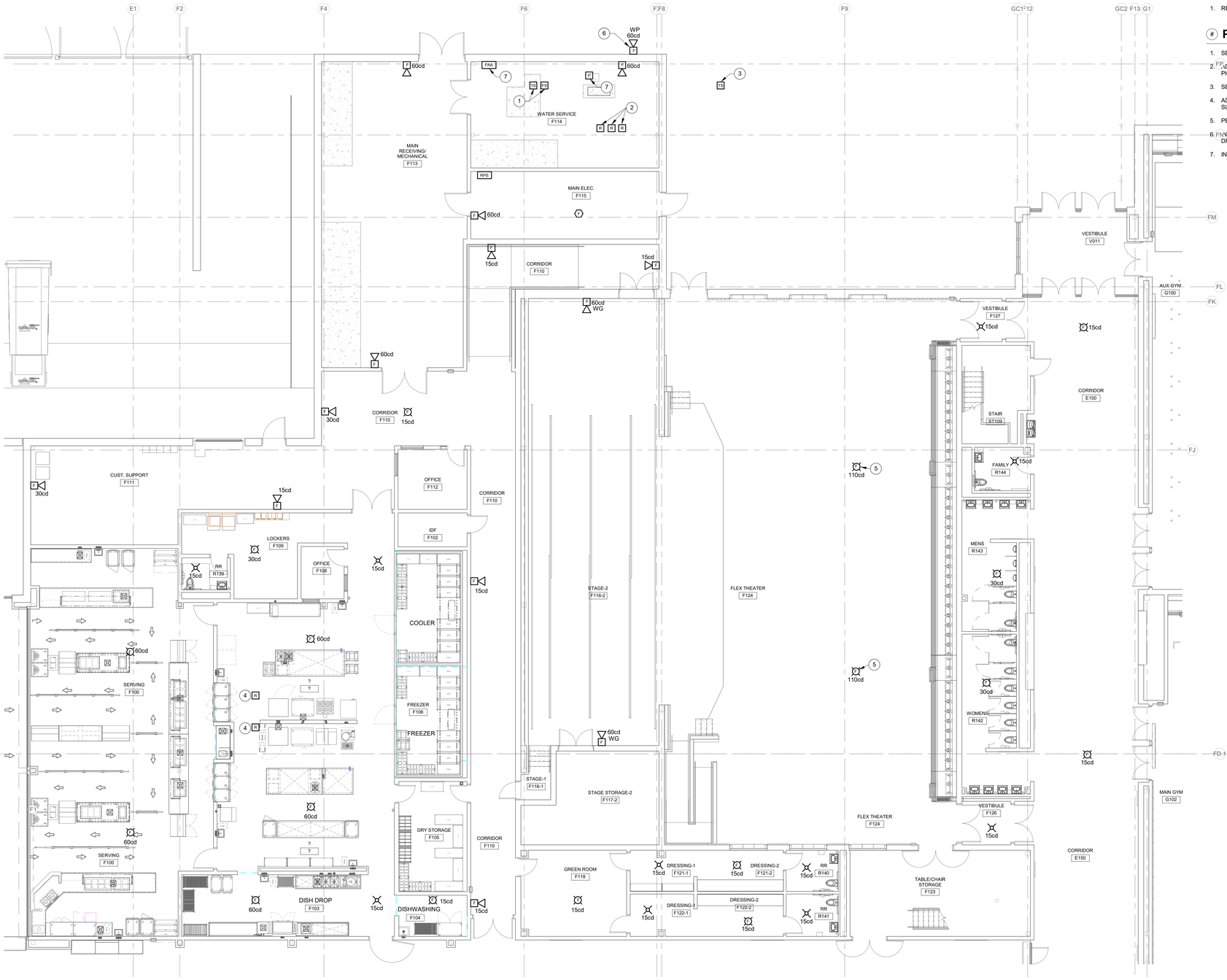


GENERAL NOTES:

1. REFER TO DRAWING E001 FOR ADDITIONAL GENERAL NOTES.

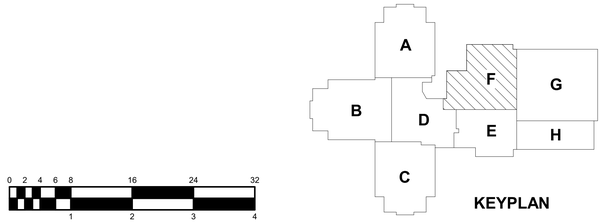
PLAN NOTES:

1. SEE FIRE PROTECTION DRAWINGS FOR QUAINTLY AND LOCATION.
2. ADDRESSABLE RELAYS TO MONITOR FIRE PUMP FOR PHASE LOSS, PHASE REVERSAL, AND PUMP RUNNING.
3. SEE CIVIL DRAWINGS FOR PIV LOCATIONS.
4. ADDRESSABLE RELAYS TO MONITOR KITCHEN HOOD FIRE SUPPRESSION SYSTEM.
5. PENDENT MOUNT CENTER BETWEEN CLOUD CEILINGS.
6. INSTALL AT FIRE DEPARTMENT CONNECTION. SEE FIRE PROTECTION DRAWINGS FOR LOCATION.
7. INSTALL NEAR FIRE RISER.

GROUND FLOOR - UNIT F - FIRE ALARM

SCALE: 1/8" = 1'-0"

NORTH



KEYPLAN

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1 2 3 4

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DRAWING TITLE:

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CERTIFIED BY:

TIMOTHY E. HILL
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No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER

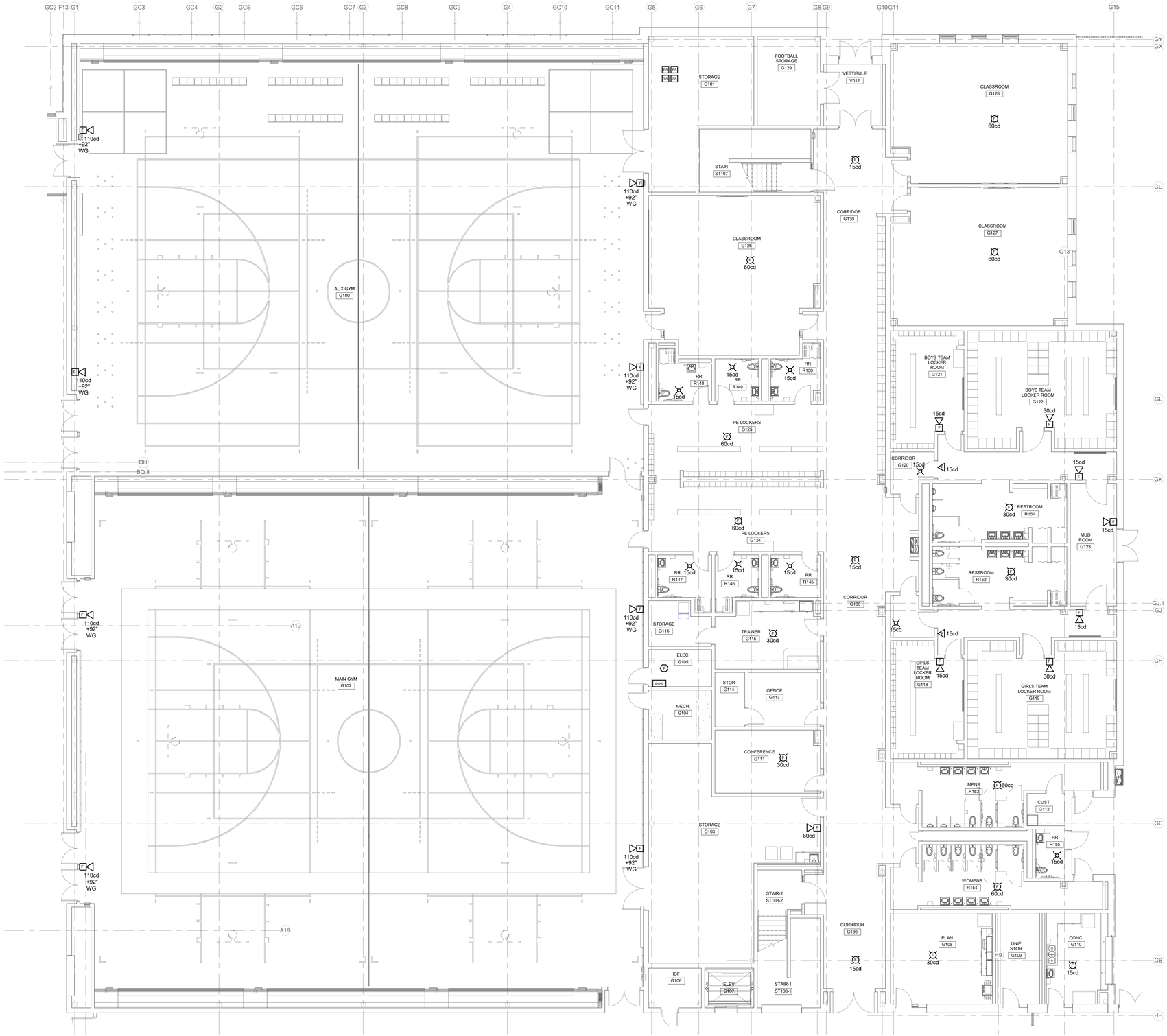
8/09/2024

DRAWING NUMBER

E231F

PROJECT NUMBER

2023061



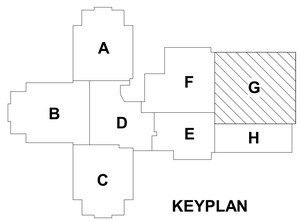
GENERAL NOTES:

1. REFER TO DRAWING E001 FOR ADDITIONAL GENERAL NOTES.

GROUND FLOOR - UNIT G - FIRE ALARM

SCALE: 1/8" = 1'-0"

NORTH



KEYPLAN

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R.E. Dimond and Associates, Inc.
Consulting Engineers
732 North Capitol Avenue
Indianapolis, IN 46204
Phone: (317) 634-4672
Fax: (317) 638-8725
D&A# 23085

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST

BID DOCUMENTS

17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.

On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	VH	TEH

DRAWING TITLE:

GROUND FLOOR PLAN - UNIT G - FIRE ALARM

CERTIFIED BY:

TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

E231G

PROJECT NUMBER

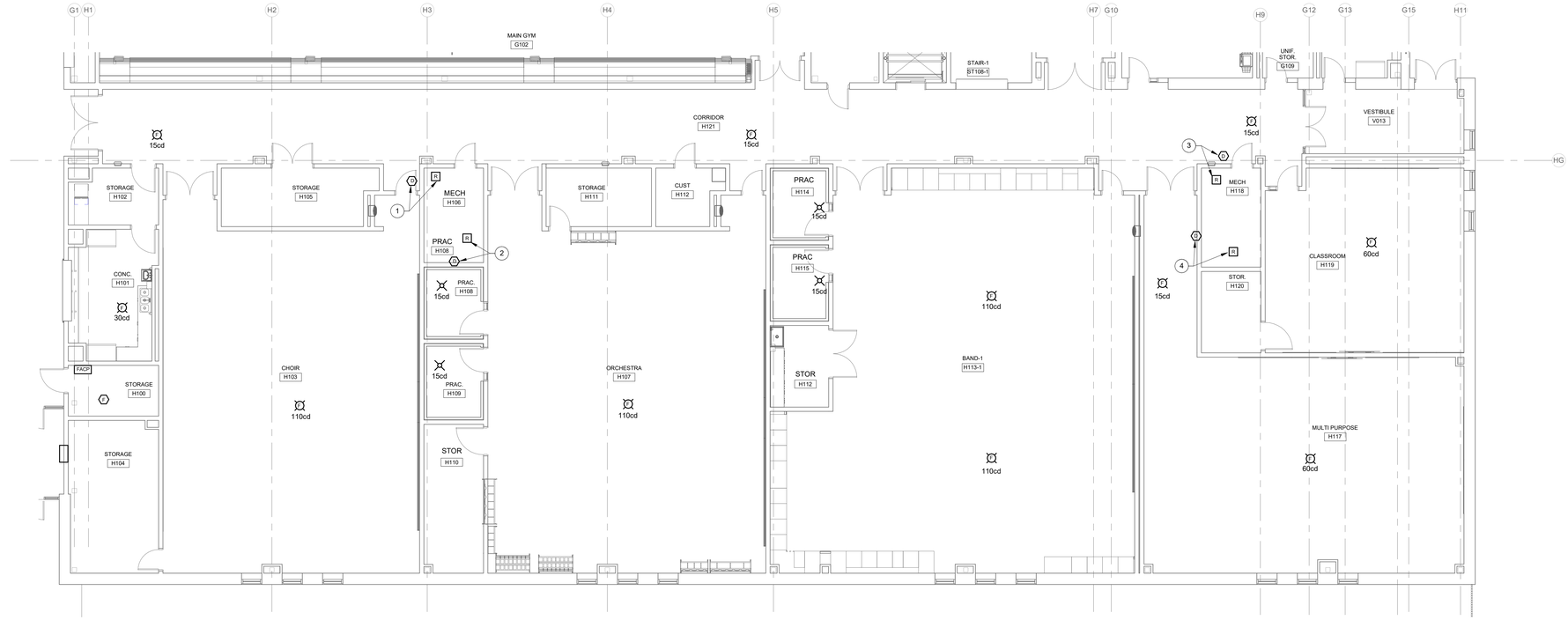
2023061

GENERAL NOTES:

1. REFER TO DRAWING E001 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

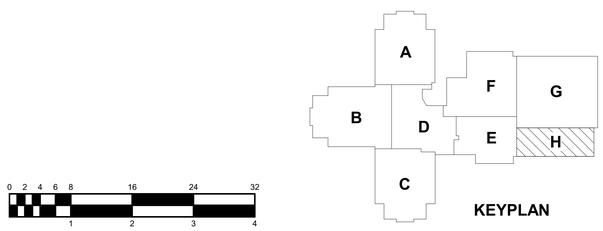
1. INSTALL DUCT SMOKE DETECTOR IN RETURN AIR DUCT OF WSHP-H103 AND CONFIGURE FIRE ALARM RELAY TO SHUT-DOWN HEAT PUMP ON DETECTION OF SMOKE.
2. INSTALL DUCT SMOKE DETECTOR IN RETURN AIR DUCT OF WSHP-H107 AND CONFIGURE FIRE ALARM RELAY TO SHUT-DOWN HEAT PUMP ON DETECTION OF SMOKE.
3. INSTALL DUCT SMOKE DETECTOR IN RETURN AIR DUCT OF WSHP-H113 AND CONFIGURE FIRE ALARM RELAY TO SHUT-DOWN HEAT PUMP ON DETECTION OF SMOKE.
4. INSTALL DUCT SMOKE DETECTOR IN RETURN AIR DUCT OF WSHP-H117 AND CONFIGURE FIRE ALARM RELAY TO SHUT-DOWN HEAT PUMP ON DETECTION OF SMOKE.



GROUND FLOOR - UNIT H - FIRE ALARM

SCALE: 1/8" = 1'-0"

NORTH



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R.E. Dimond and Associates, Inc.
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D&A# 23085
732 North Capitol Avenue
Indianapolis, IN 46204
Phone: (317) 634-4672
Fax: (317) 638-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST

BID DOCUMENTS

17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.

On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	VH	TEH

DRAWING TITLE:

GROUND FLOOR PLAN - UNIT H - FIRE ALARM

CERTIFIED BY:

TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER

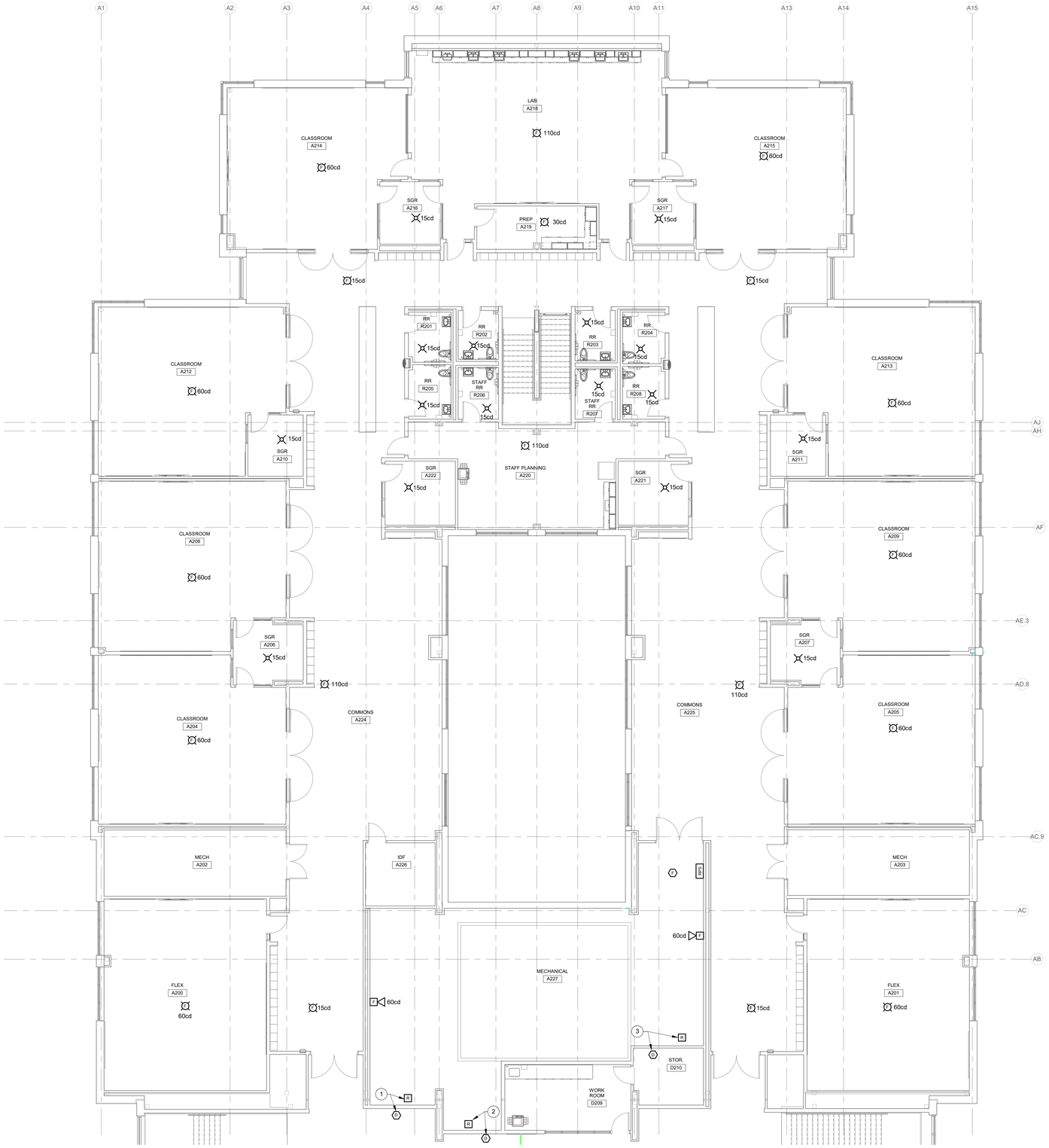
8/09/2024

DRAWING NUMBER

E231H

PROJECT NUMBER

2023061



SECOND FLOOR - UNIT A - FIRE ALARM

SCALE: 1/8" = 1'-0"

NORTH

0 2 4 6 8 16 24 32

1 2 3 4

KEYPLAN

GENERAL NOTES:

1. REFER TO DRAWING E001 FOR ADDITIONAL GENERAL NOTES.

(#) PLAN NOTES:

1. INSTALL DUCT SMOKE DETECTOR IN RETURN AIR DUCT OF WSHP-D209 AND CONFIGURE FIRE ALARM RELAY TO SHUT-DOWN HEAT PUMP ON DETECTION OF SMOKE.
2. INSTALL DUCT SMOKE DETECTOR IN RETURN AIR DUCT OF WSHP-D211 AND CONFIGURE FIRE ALARM RELAY TO SHUT-DOWN HEAT PUMP ON DETECTION OF SMOKE.
3. INSTALL DUCT SMOKE DETECTOR IN RETURN AIR DUCT OF WSHP-A226 AND CONFIGURE FIRE ALARM RELAY TO SHUT-DOWN HEAT PUMP ON DETECTION OF SMOKE.

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D&A# 23085

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. The Contract Documents are complementary and describe all work required for full performance and completion of the requirements of the Contract.
The Trade Contractors shall include scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	VH	TEH

DRAWING TITLE:
SECOND FLOOR PLAN - UNIT A - FIRE ALARM

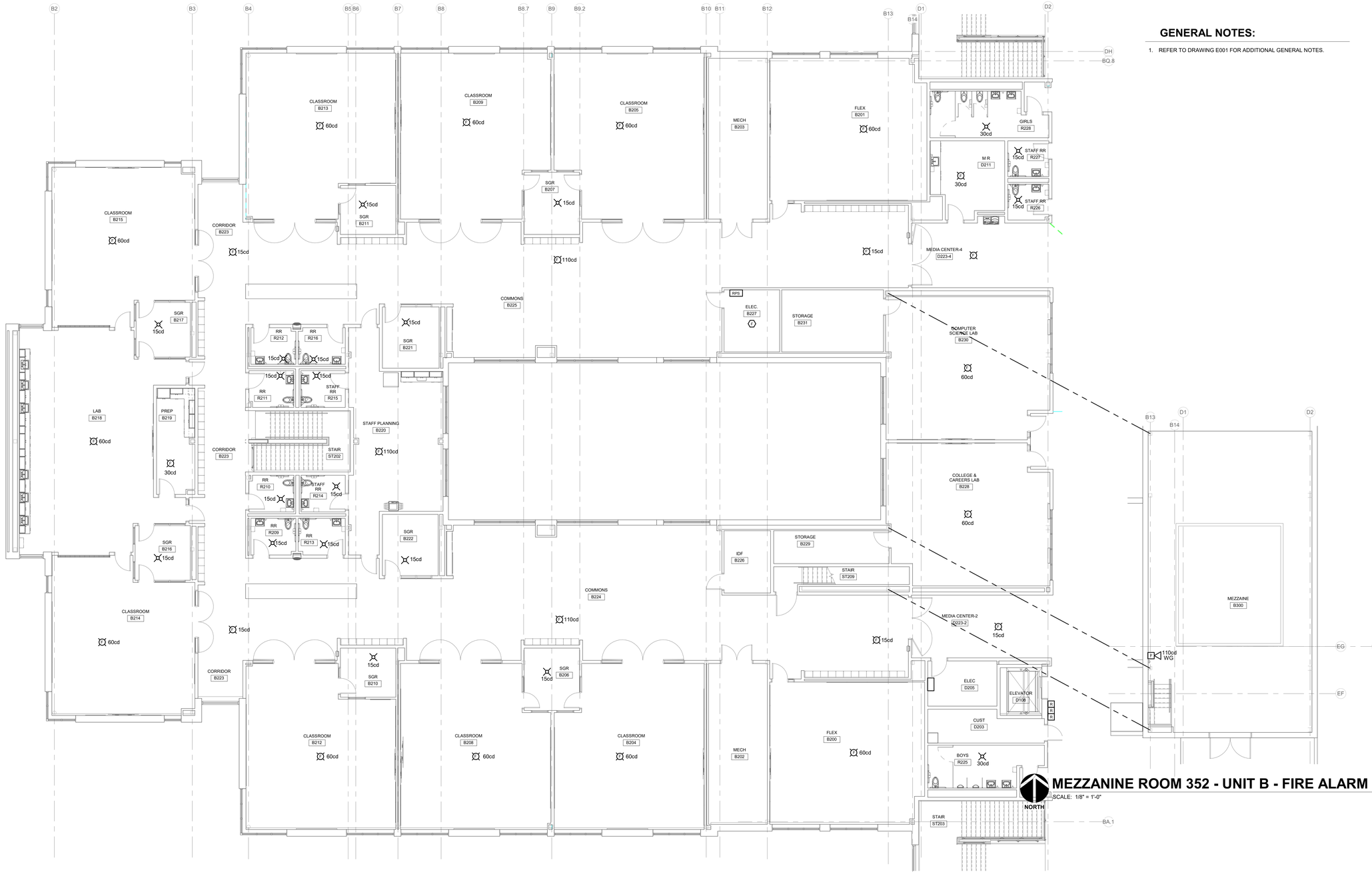
CERTIFIED BY:
TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
E232A

PROJECT NUMBER
2023061

GENERAL NOTES:

1. REFER TO DRAWING E001 FOR ADDITIONAL GENERAL NOTES.



MEZZANINE ROOM 352 - UNIT B - FIRE ALARM

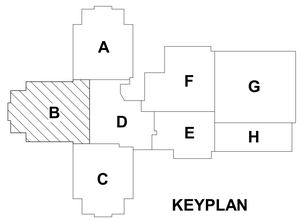
SCALE: 1/8" = 1'-0"

NORTH

SECOND FLOOR - UNIT B - FIRE ALARM

SCALE: 1/8" = 1'-0"

NORTH



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0 2 4 6 8 16 24 32

1 2 3 4

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Fax: (317) 638-8725

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for the satisfactory purpose and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

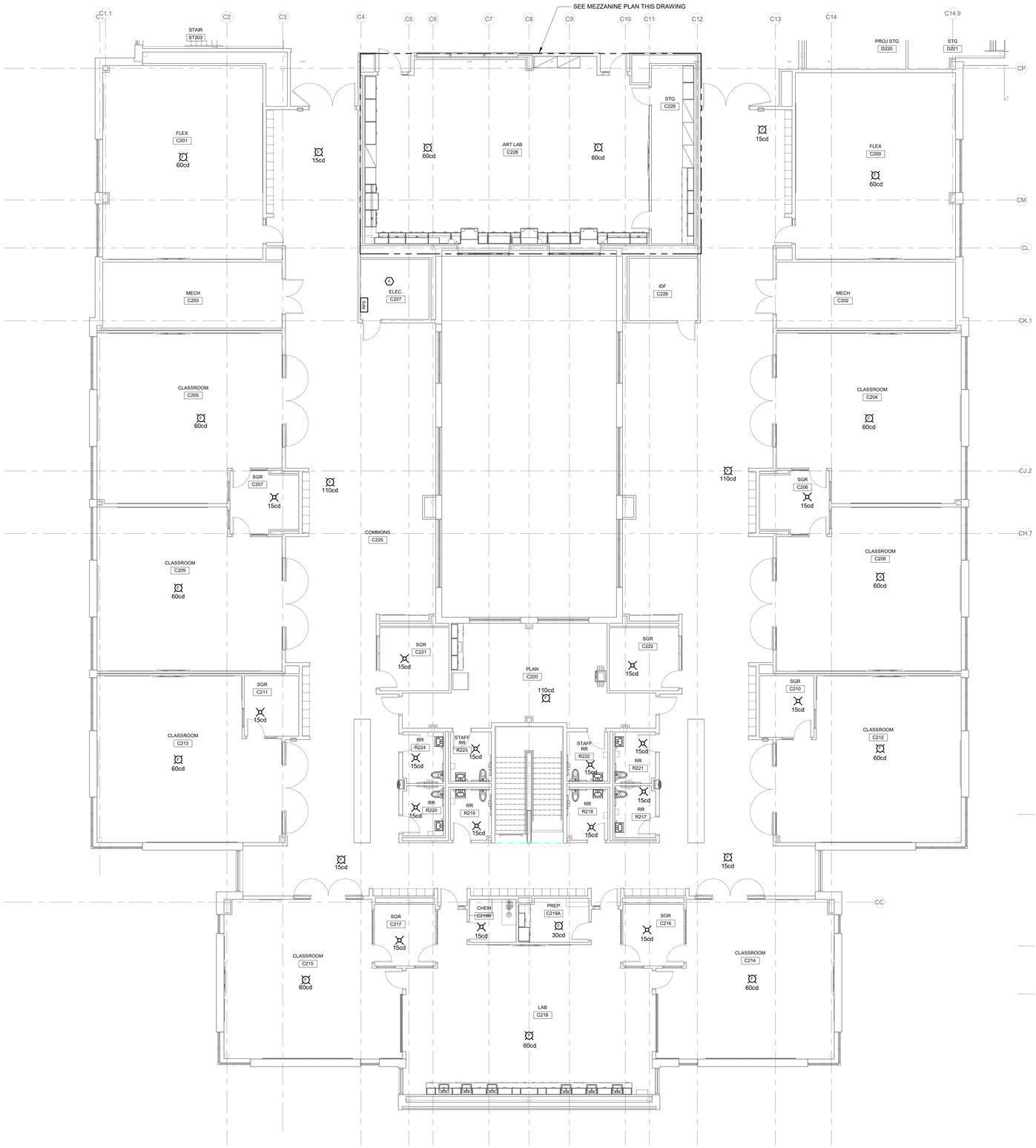
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	VH	TEH

DRAWING TITLE:
SECOND FLOOR PLAN - UNIT B - FIRE ALARM

CERTIFIED BY:
TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
E232B

PROJECT NUMBER
2023061



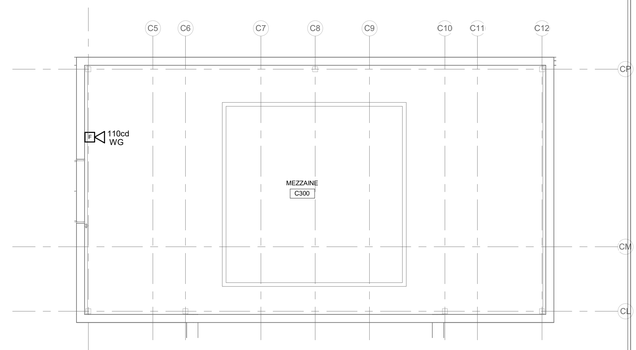
SECOND FLOOR - UNIT C - FIRE ALARM

SCALE: 1/8" = 1'-0"

NORTH

GENERAL NOTES:

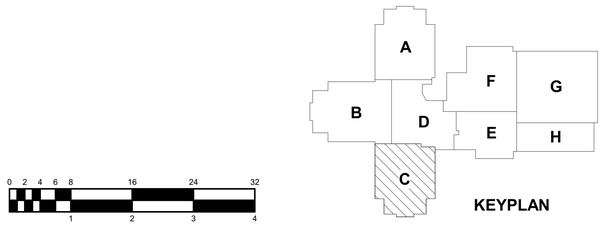
1. REFER TO DRAWING E001 FOR ADDITIONAL GENERAL NOTES.



MEZZANINE ROOM 352 - UNIT C - FIRE ALARM

SCALE: 1/8" = 1'-0"

NORTH



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1 2 3 4

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Fax: (317) 638-8725

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
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On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	VH	TEH

DRAWING TITLE:
SECOND FLOOR PLAN - UNIT C - FIRE ALARM

CERTIFIED BY:
TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
E232C

PROJECT NUMBER
2023061



GENERAL NOTES:

1. REFER TO DRAWING E001 FOR ADDITIONAL GENERAL NOTES.

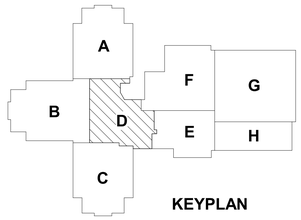
PLAN NOTES:

1. PENDENT MOUNT.
2. ELEVATOR RECALL ADDRESSABLE RELAYS.

SECOND FLOOR - UNIT D - FIRE ALARM

SCALE: 1/8" = 1'-0"

NORTH



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Fax: (317) 638-8725

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	VH	TEH

DRAWING TITLE:
SECOND FLOOR PLAN - UNIT D - FIRE ALARM

CERTIFIED BY:
TIMOTHY E. HILL
REGISTERED No. PE19800083 STATE OF INDIANA PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
E232D

PROJECT NUMBER
2023061

GENERAL NOTES:

1. REFER TO DRAWING E001 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

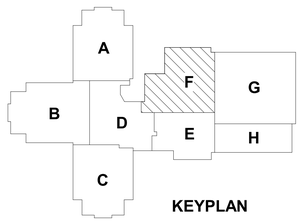
1. ADDRESSABLE RELAY TO BRING UP HOUSE LIGHTS ON ALARM.
2. INSTALL DUCT SMOKE DETECTOR IN RETURN AIR DUCT OF WSHP-F116 AND CONFIGURE FIRE ALARM RELAY TO SHUT-DOWN HEAT PUMP ON DETECTION OF SMOKE.
3. INSTALL DUCT SMOKE DETECTOR IN RETURN AIR DUCT OF WSHP-F100 AND CONFIGURE FIRE ALARM RELAY TO SHUT-DOWN HEAT PUMP ON DETECTION OF SMOKE.
4. INSTALL DUCT SMOKE DETECTOR IN RETURN AIR DUCT OF WSHP-F101 AND CONFIGURE FIRE ALARM RELAY TO SHUT-DOWN HEAT PUMP ON DETECTION OF SMOKE.
5. INSTALL DUCT SMOKE DETECTOR IN RETURN AIR DUCT OF WSHP-D132 AND CONFIGURE FIRE ALARM RELAY TO SHUT-DOWN HEAT PUMP ON DETECTION OF SMOKE.
6. INSTALL DUCT SMOKE DETECTOR IN RETURN AIR DUCT OF WSHP-D132-1 AND CONFIGURE FIRE ALARM RELAY TO SHUT-DOWN HEAT PUMP ON DETECTION OF SMOKE.
7. INSTALL DUCT SMOKE DETECTOR IN RETURN AIR DUCT OF WSHP-E150 AND CONFIGURE FIRE ALARM RELAY TO SHUT-DOWN HEAT PUMP ON DETECTION OF SMOKE.
8. INSTALL DUCT SMOKE DETECTOR IN RETURN AIR DUCT OF WSHP-F124 AND CONFIGURE FIRE ALARM RELAY TO SHUT-DOWN HEAT PUMP ON DETECTION OF SMOKE.



SECOND FLOOR - UNIT F - FIRE ALARM

SCALE: 1/8" = 1'-0"

NORTH



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732 North Capitol Avenue
Indianapolis, IN 46204
Phone: (317) 634-4672
Fax: (317) 638-8725

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

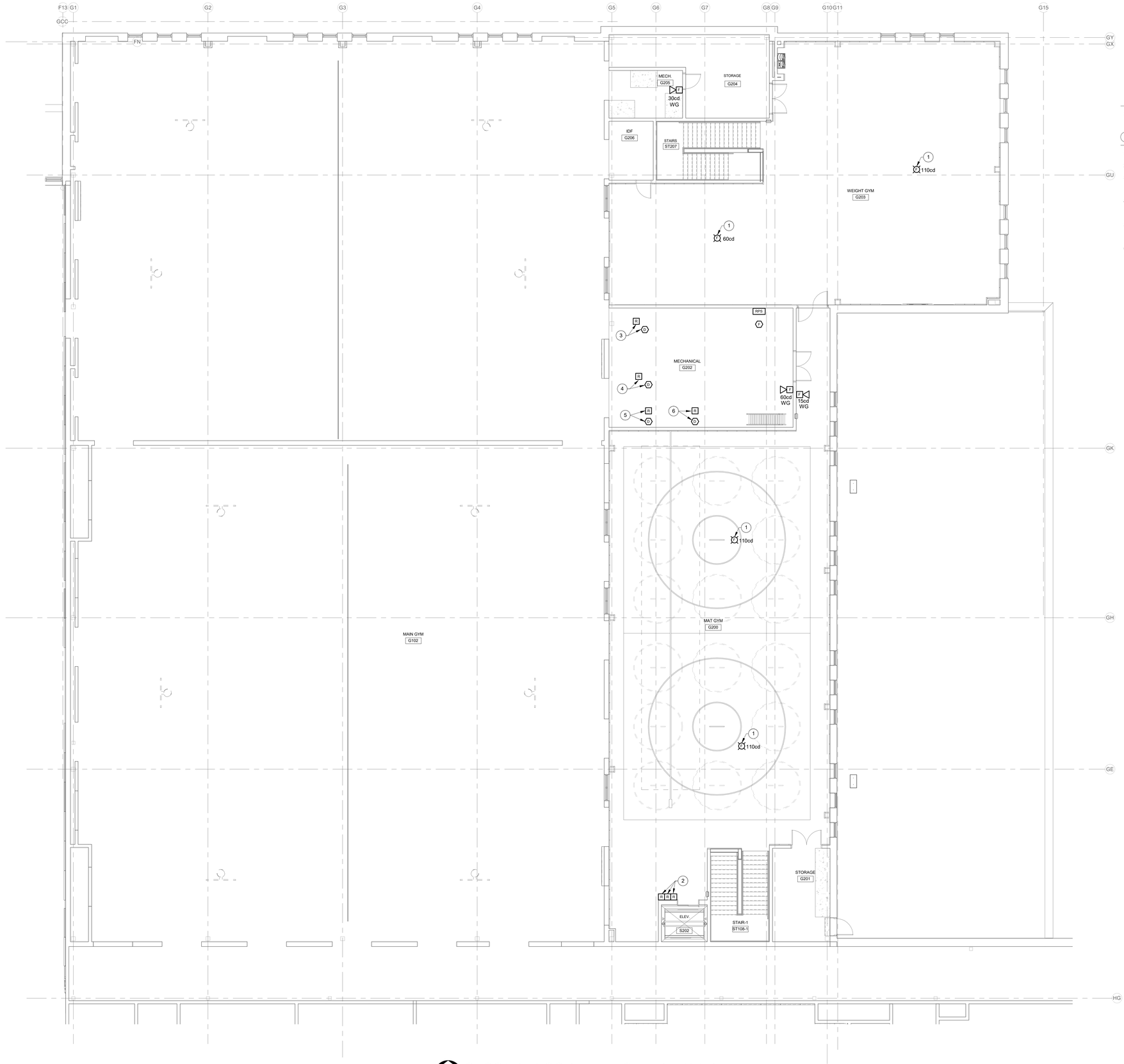
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	VH	TEH

DRAWING TITLE:
SECOND FLOOR PLAN - UNIT F - FIRE ALARM

CERTIFIED BY:
TIMOTHY E. HILL
REGISTERED No. PE19800083 STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
E232F

PROJECT NUMBER
2023061



GENERAL NOTES:

1. REFER TO DRAWING E001 FOR ADDITIONAL GENERAL NOTES.

(#) PLAN NOTES:

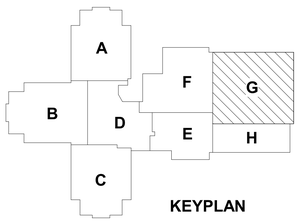
1. PENDENT MOUNT.
2. ELEVATOR RECALL ADDRESSABLE RELAYS.
3. INSTALL DUCT SMOKE DETECTOR IN RETURN AIR DUCT OF WSHP-G201 AND CONFIGURE FIRE ALARM RELAY TO SHUT-DOWN HEAT PUMP ON DETECTION OF SMOKE.
4. INSTALL DUCT SMOKE DETECTOR IN RETURN AIR DUCT OF WSHP-G100 AND CONFIGURE FIRE ALARM RELAY TO SHUT-DOWN HEAT PUMP ON DETECTION OF SMOKE.
5. INSTALL DUCT SMOKE DETECTOR IN RETURN AIR DUCT OF WSHP-G102 AND CONFIGURE FIRE ALARM RELAY TO SHUT-DOWN HEAT PUMP ON DETECTION OF SMOKE.
6. INSTALL DUCT SMOKE DETECTOR IN RETURN AIR DUCT OF WSHP-G203 AND CONFIGURE FIRE ALARM RELAY TO SHUT-DOWN HEAT PUMP ON DETECTION OF SMOKE.

SECOND FLOOR - UNIT G - FIRE ALARM

SCALE: 1/8" = 1'-0"

NORTH

0 2 4 6 8 16 24 32
1 2 3 4



KEYPLAN

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Indianapolis, IN 46204
Phone: (317) 634-4672
Fax: (317) 639-8725

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings and specifications are intended to describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	VH	TEH

DRAWING TITLE:
SECOND FLOOR PLAN - UNIT G - FIRE ALARM

CERTIFIED BY:
TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
E232G

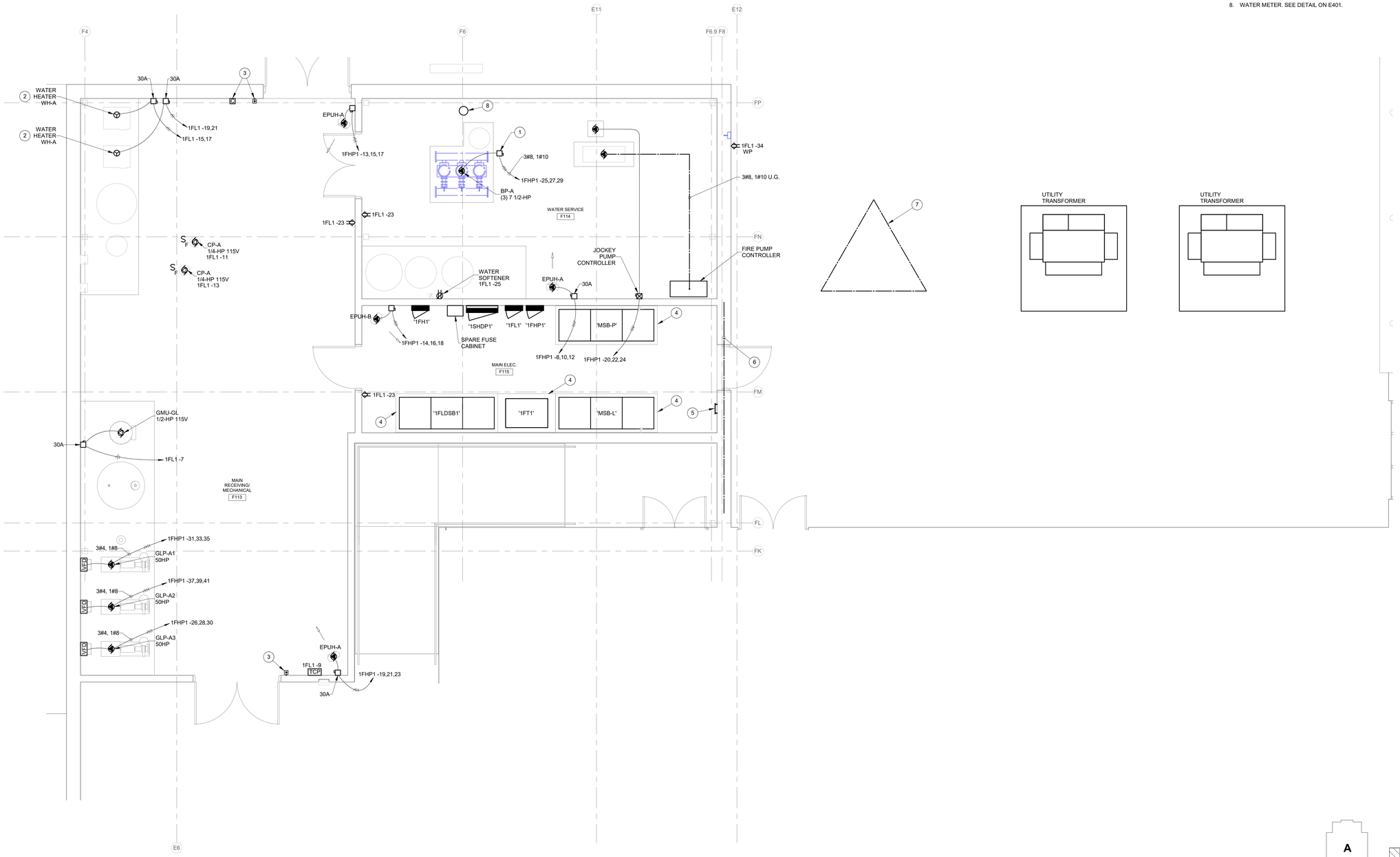
PROJECT NUMBER
2023061

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.

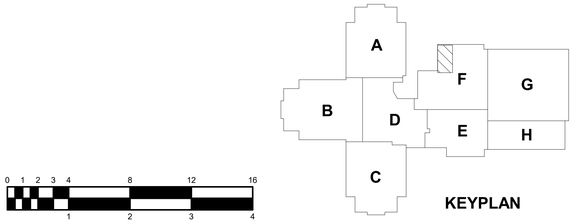
PLAN NOTES:

1. PROVIDE UNISTRUT FLOOR STAND.
2. WIRE THROUGH CONTACTOR AND EMERGENCY SHUT-OFF SWITCHES.
3. CONTACTOR AND EMERGENCY SHUT-OFF FOR DOMESTIC WATER HEATER BOILERS SEE DETAIL E403.
4. HOUSEKEEPING PAD. SEE DETAIL ON E403.
5. GROUNDING ELECTRODE BUSBAR. SEE DETAIL ON E401.
6. CONCRETE-ENCASED ELECTRODE. SEE DETAIL ON E401.
7. GROUNDING TRIANGLE. SEE DETAIL ON E401.
8. WATER METER. SEE DETAIL ON E401.



1 GROUND LEVEL MECHANICAL ROOM - ELECTRICAL

SCALE: 1/4" = 1'-0"



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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
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BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	LPC	TEH

DRAWING TITLE:
UNIT F - ENLARGED MECHANICAL ROOM F113 - POWER

CERTIFIED BY:
TIMOTHY E. HILL
REGISTERED No. PE19800083 STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
E301

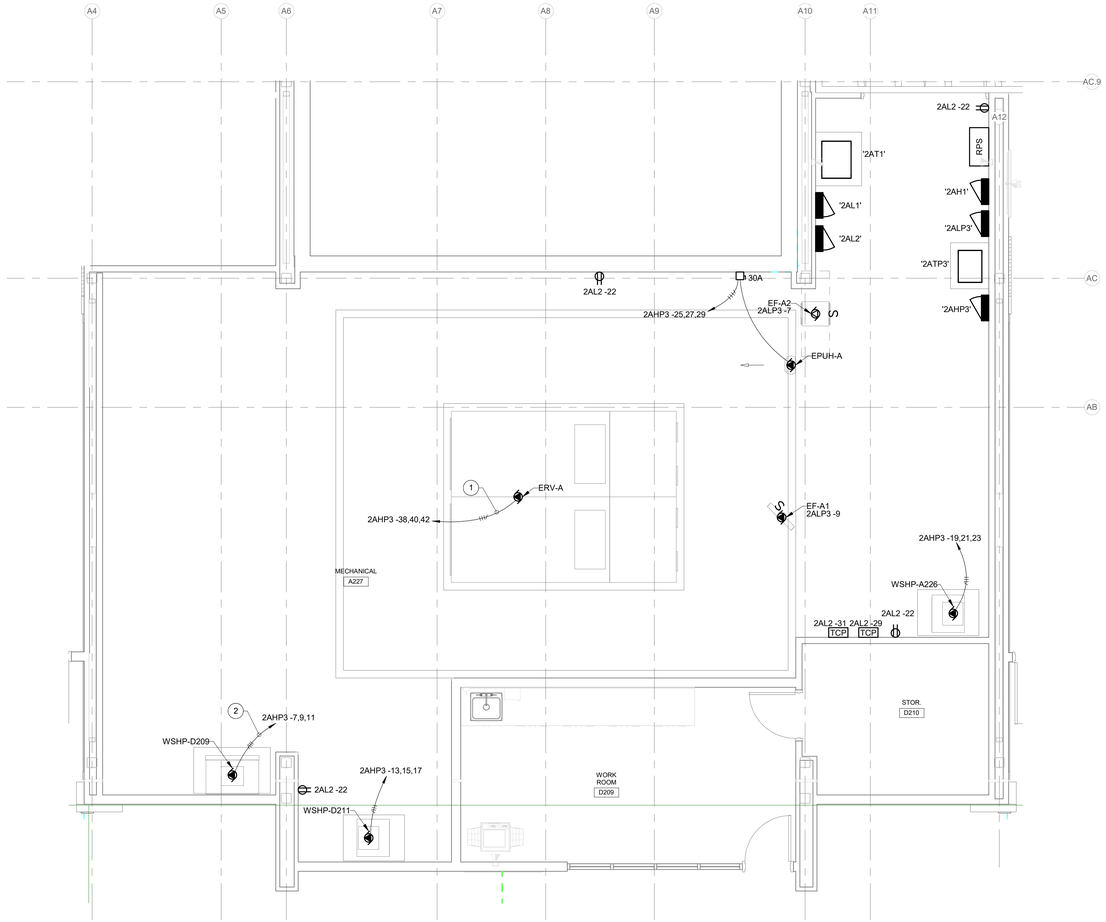
PROJECT NUMBER
2023061

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.

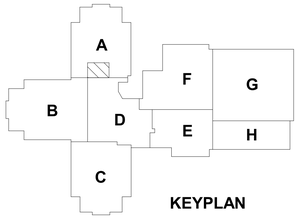
PLAN NOTES:

1. 3#1/0, 1#6 GND, 1 1/2" C.
2. 3#10, 1#10 GND, 3/4" C.



1 ENLARGED SECOND FLOOR MECHANICAL ROOM - ELECTRICAL

SCALE: 1/4" = 1'-0"



KEYPLAN

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1 2 3 4

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R.E. Dimond and Associates, Inc.
Consulting Engineers
D&A# 23085
732 North Capitol Avenue
Indianapolis, IN 46204
Phone: (317) 634-4672
Fax: (317) 638-8725

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	LPC	TEH

DRAWING TITLE:
UNIT A - ENLARGED MECHANICAL ROOM A227 - POWER

CERTIFIED BY:
TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
E302

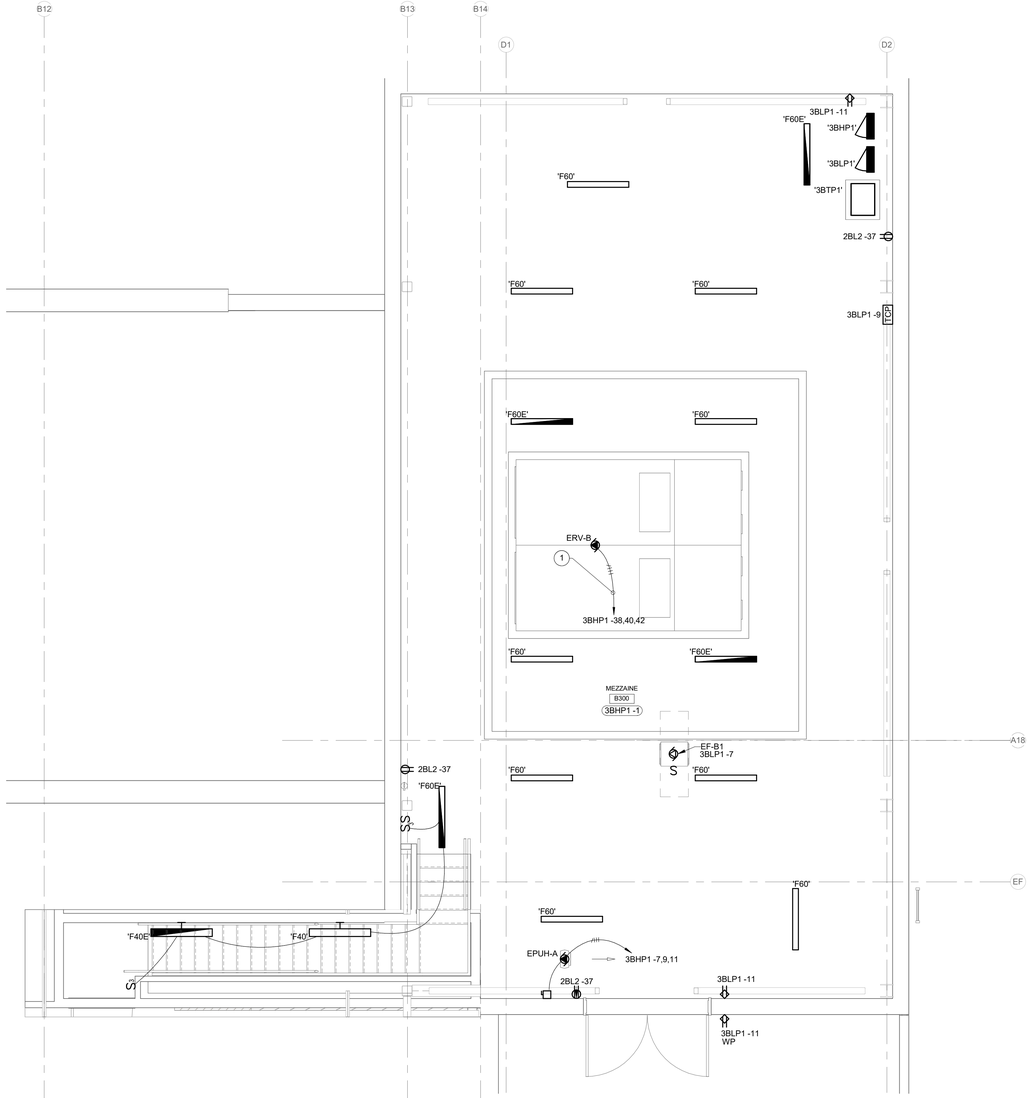
PROJECT NUMBER
2023061

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.

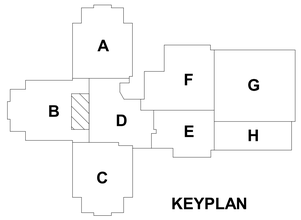
PLAN NOTES:

1. 3#1/0, 1#6 GND, 1 1/2" C.
2. HOUSEKEEPING PAD. SEE DETAIL ON E403.



1 ENLARGED PENTHOUSE - UNIT B - ELECTRICAL

SCALE: 1/4" = 1'-0"



KEYPLAN

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D&A# 23085

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Indianapolis, IN 46204
Phone: (317) 634-4672
Fax: (317) 638-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST

BID DOCUMENTS

17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	LPC	TEH

DRAWING TITLE:

UNIT B - ENLARGED MECHANICAL MEZZANINE - ELECTRICAL

CERTIFIED BY:

TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

E303

PROJECT NUMBER

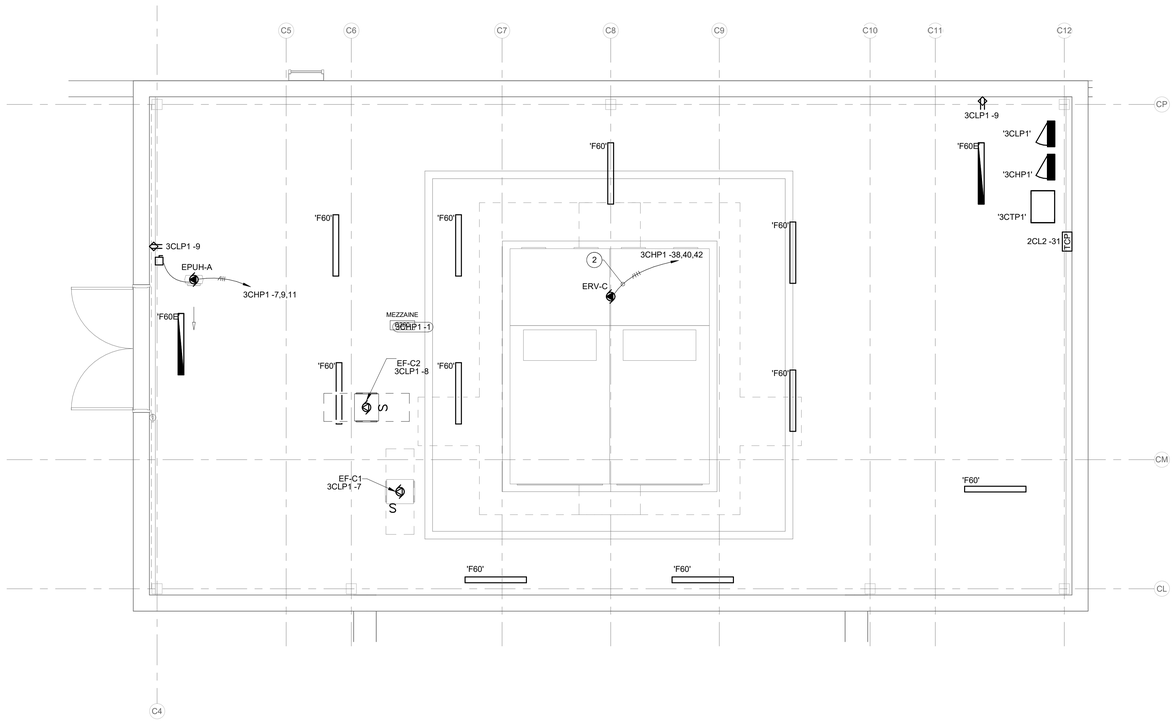
2023061

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.

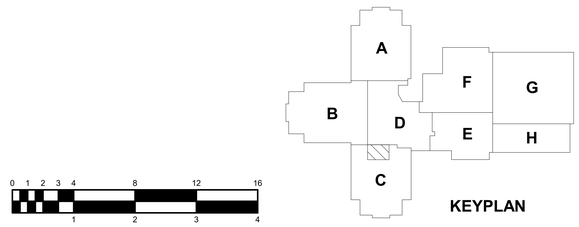
(#) PLAN NOTES:

1. 3#12, 1#12 GND, 3/4" C.
2. 3#2/0, 1#6 GND, 1 1/2" C.



1 ENLARGED PENTHOUSE - UNIT C - ELECTRICAL

SCALE: 1/4" = 1'-0"



KEYPLAN

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Fax (317) 638-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	LPC	TEH

DRAWING TITLE:

UNIT C - ENLARGED MECHANICAL MEZZANINE - ELECTRICAL

CERTIFIED BY:

TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

E304

PROJECT NUMBER

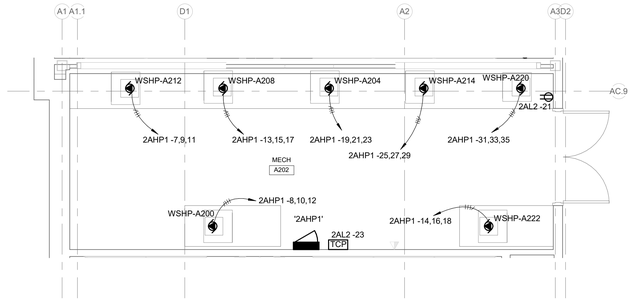
2023061

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.

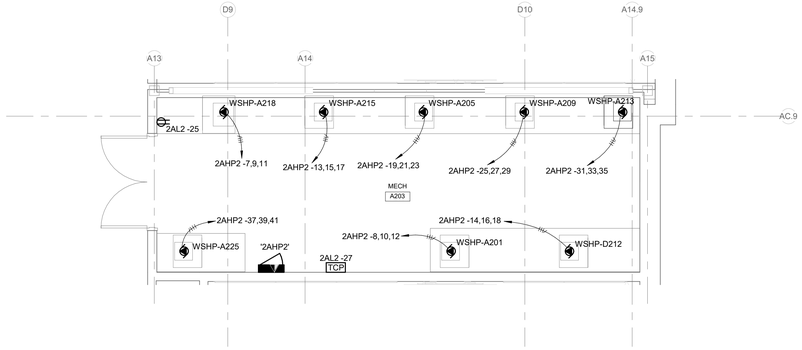
PLAN NOTES:

1. PLAN NOTE #1.



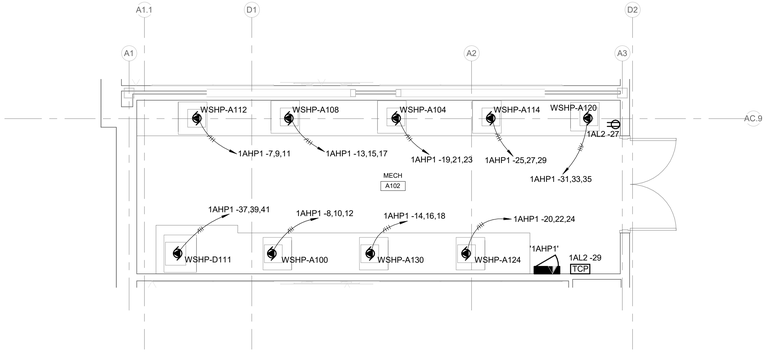
3 ENLARGED MECH A202 - POWER

SCALE: 1/4" = 1'-0"



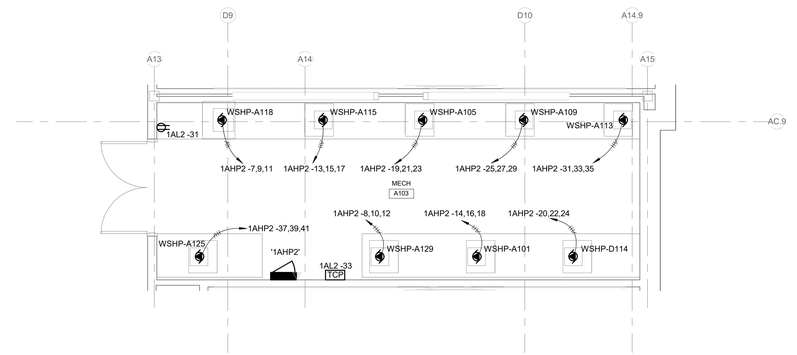
1 ENLARGED MECH A203 - POWER

SCALE: 1/4" = 1'-0"



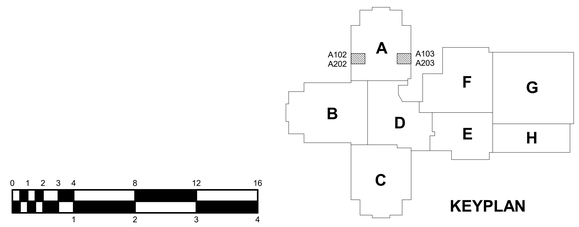
4 ENLARGED MECH A102 - POWER

SCALE: 1/4" = 1'-0"



2 ENLARGED MECH A103 - POWER

SCALE: 1/4" = 1'-0"



KEYPLAN

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Fax: (317) 638-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	LPC	TEH

DRAWING TITLE:

UNIT A - ENLARGED MECHANICAL ROOMS - POWER

CERTIFIED BY:

TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER

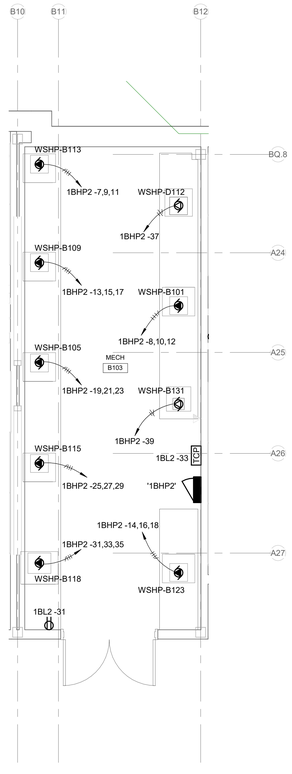
8/09/2024

DRAWING NUMBER

E305

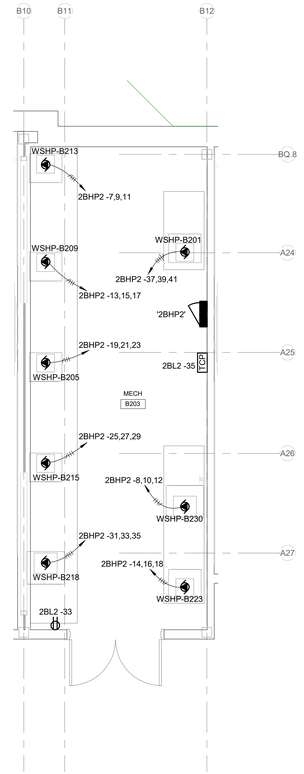
PROJECT NUMBER

2023061



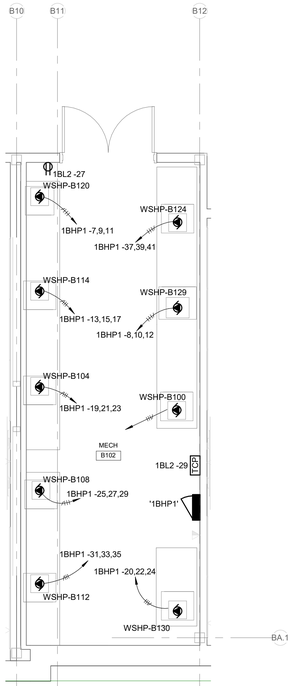
3 ENLARGED MECH B103 - POWER

SCALE: 1/4" = 1'-0"



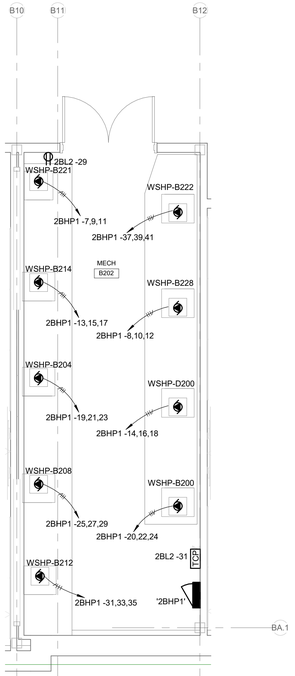
1 ENLARGED MECH B203 - POWER

SCALE: 1/4" = 1'-0"



4 ENLARGED MECH B102 - POWER

SCALE: 1/4" = 1'-0"



2 ENLARGED MECH B202 - POWER

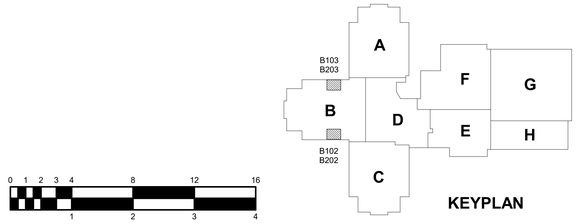
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.

PLAN NOTES:

1. PLAN NOTE #1.



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Fax: (317) 638-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	LPC	TEH

DRAWING TITLE:

UNIT B - ENLARGED MECHANICAL ROOMS - POWER

CERTIFIED BY:

TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

E306

PROJECT NUMBER

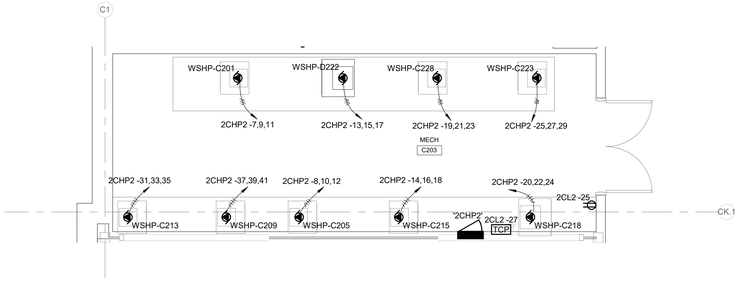
2023061

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.

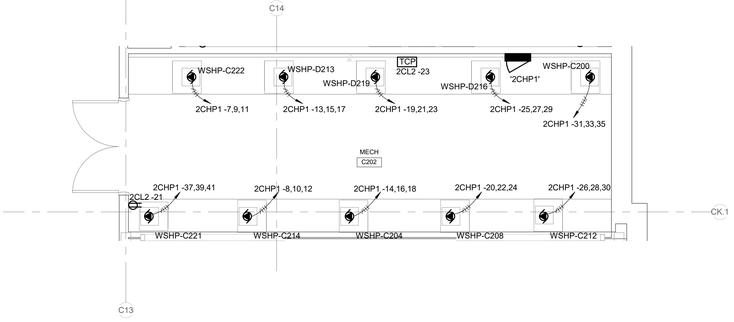
PLAN NOTES:

1. 3#12, 1#12 GND, 3/4" C.



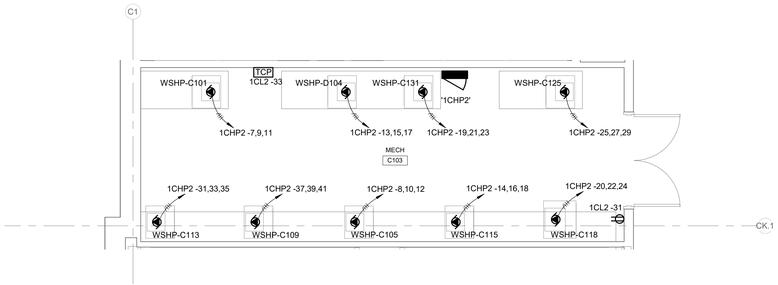
3 ENLARGED MECH C203 - POWER

SCALE: 1/4" = 1'-0"



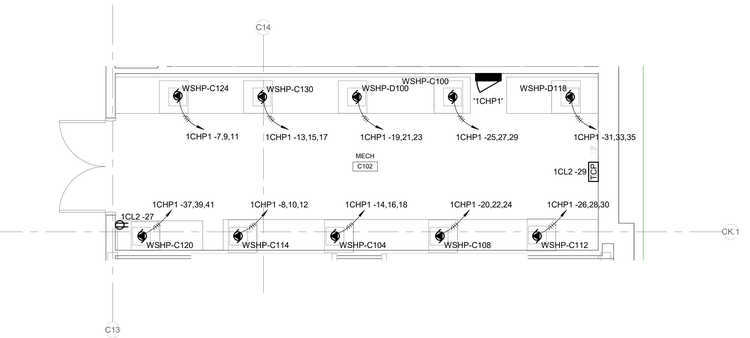
1 ENLARGED MECH C202 - POWER

SCALE: 1/4" = 1'-0"



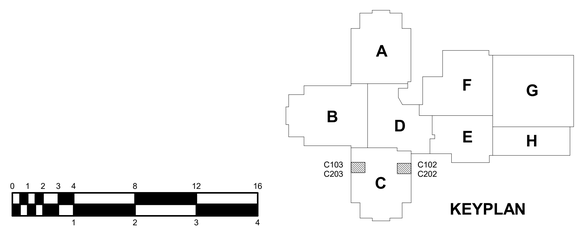
4 ENLARGED MECH C103 - POWER

SCALE: 1/4" = 1'-0"



2 ENLARGED MECH C102 - POWER

SCALE: 1/4" = 1'-0"



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Phone: (317) 634-4672
Fax: (317) 638-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

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On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	LPC	TEH

DRAWING TITLE:

UNIT C - ENLARGED MECHANICAL ROOMS - POWER

CERTIFIED BY:

TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

E307

PROJECT NUMBER

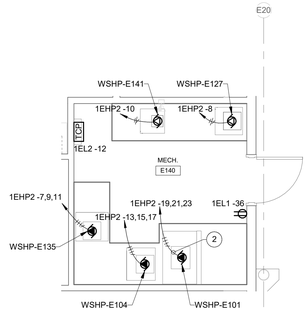
2023061

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.

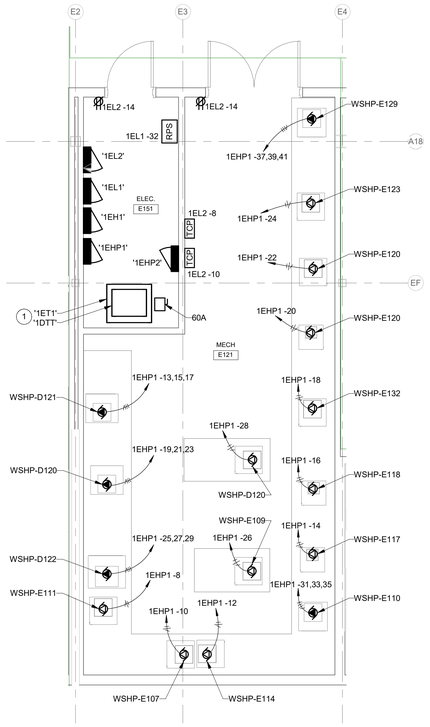
(#) PLAN NOTES:

1. STACK TRANSFORMERS.
2. 3#10, 1#10 GND, 3/4" C.



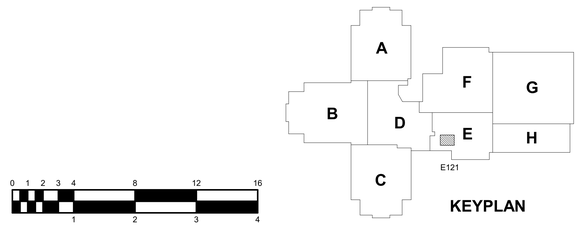
2 ENLARGED MECH E140 - POWER

SCALE: 1/4" = 1'-0"



1 ENLARGED MECH E121 - POWER

SCALE: 1/4" = 1'-0"



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732 North Capitol Avenue
Indianapolis, IN 46204
Phone: (317) 634-4472
Fax: (317) 639-8725

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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Any work within the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	LPC	TEH

DRAWING TITLE:
UNIT E - ENLARGED MECHANICAL ROOMS - POWER

CERTIFIED BY:
TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/ 09/ 2024

DRAWING NUMBER
E308

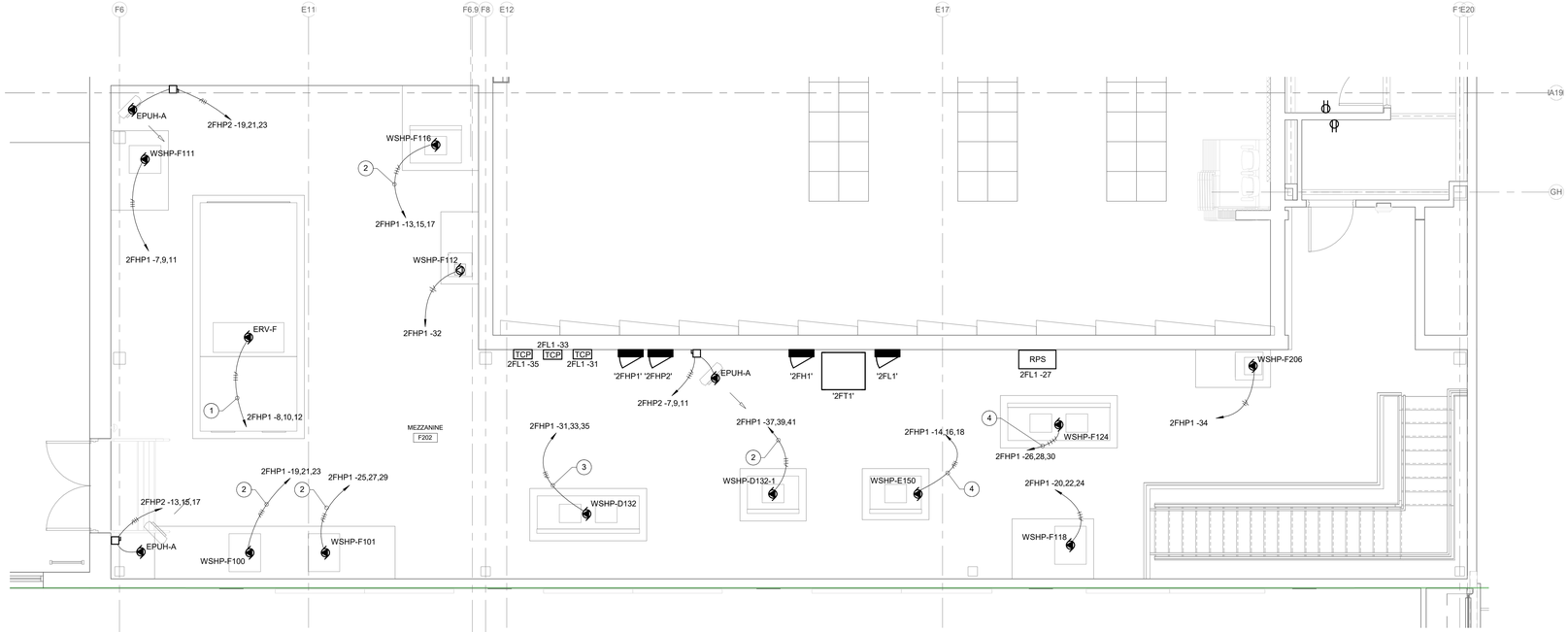
PROJECT NUMBER
2023061

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.

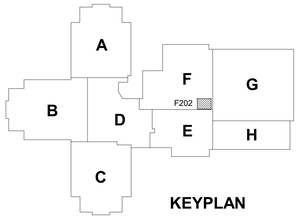
PLAN NOTES:

1. 3#2, 1#6 GND, 1 1/4" C.
2. 3#10, 1#10 GND, 3/4" C.
3. 3#4, 1#8 GND, 1" C.
4. 3#8, 1#10 GND, 3/4" C.



1 ENLARGED MECH MEZZANINE F202 - POWER

SCALE: 1/4" = 1'-0"



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Consulting Engineers

D&A# 23085

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Fax: (317) 638-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	LPC	TEH

DRAWING TITLE:

UNIT F - ENLARGED MECHANICAL ROOMS - POWER

CERTIFIED BY:

TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

E309

PROJECT NUMBER

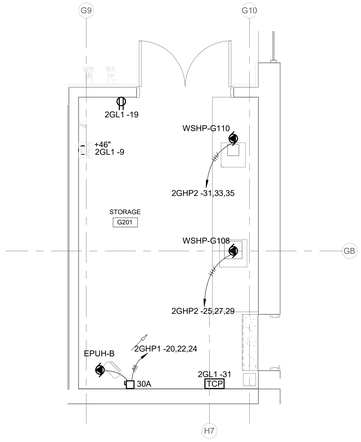
2023061

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.

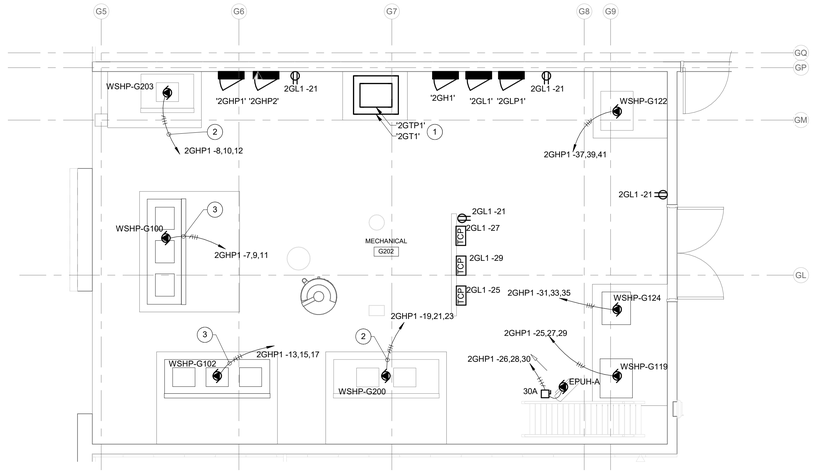
PLAN NOTES:

1. STACKED TRANSFORMERS.
2. 3#8, 1#10 GND, 3/4" C.
3. 3#4, 1#8 GND, 1" C.



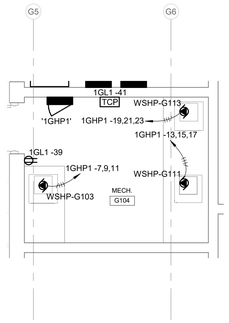
3 ENLARGED MECH G201 - POWER

SCALE: 1/4" = 1'-0"



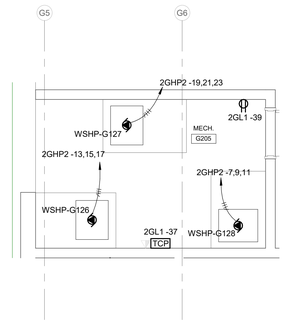
1 ENLARGED MECH G202 - POWER

SCALE: 1/4" = 1'-0"



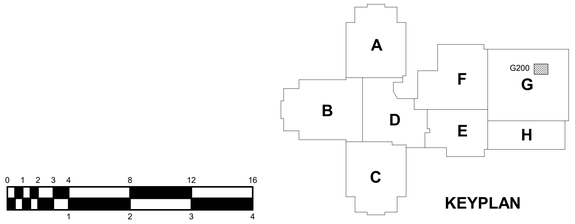
4 ENLARGED MECH G104 - POWER

SCALE: 1/4" = 1'-0"



2 ENLARGED MECH G205 - POWER

SCALE: 1/4" = 1'-0"



KEYPLAN

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R.E. Dimond and Associates, Inc.
Consulting Engineers
D&A# 23085
732 North Capitol Avenue
Indianapolis, IN 46204
Phone: (317) 634-4672
Fax: (317) 638-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.

On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	LPC	TEH

DRAWING TITLE:

UNIT G - ENLARGED MECHANICAL ROOMS - POWER

CERTIFIED BY:

TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER

8/09/2024

DRAWING NUMBER

E310

PROJECT NUMBER

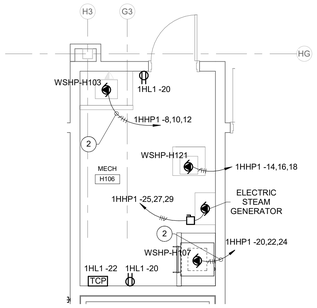
2023061

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.

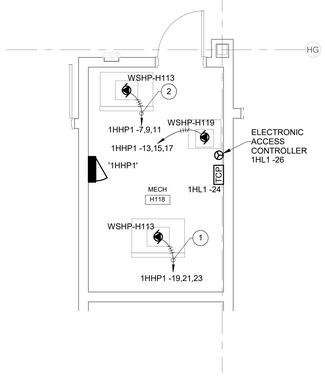
PLAN NOTES:

1. 3#10, 1#10 GND, 3/4" C.
2. 3#8, 1#10 GND, 3/4" C.



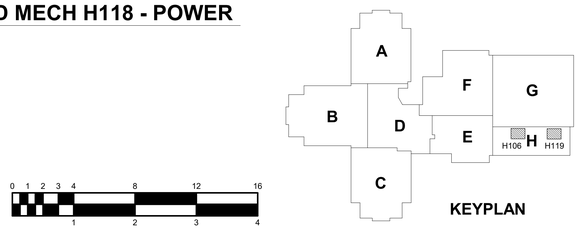
2 ENLARGED MECH H106 - POWER

SCALE: 1/4" = 1'-0"



1 ENLARGED MECH H118 - POWER

SCALE: 1/4" = 1'-0"



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PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

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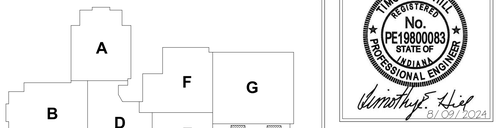
REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	LPC	TEH

DRAWING TITLE:

UNIT H - ENLARGED MECHANICAL ROOMS - POWER

CERTIFIED BY:



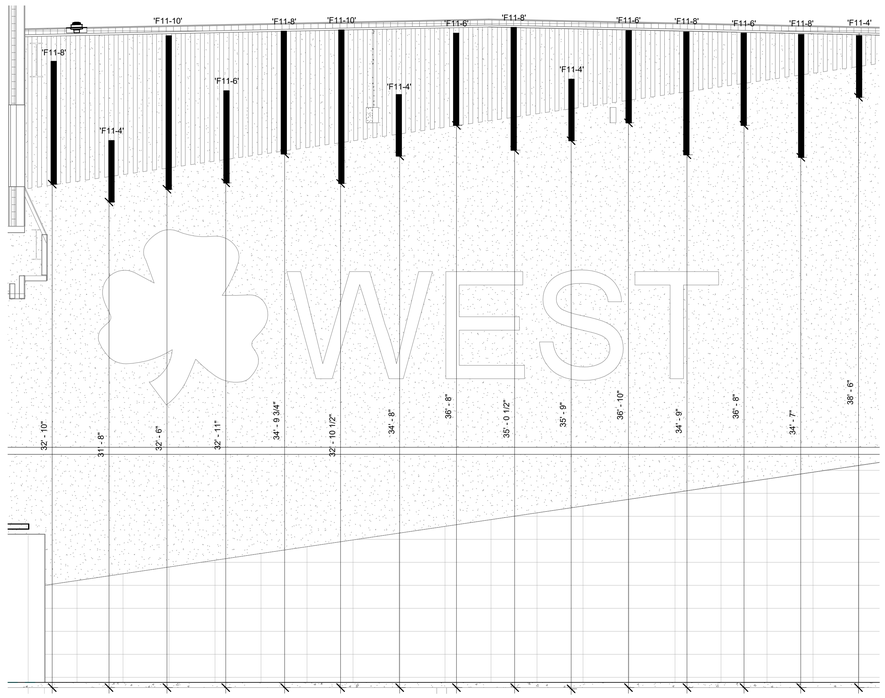
8/09/2024

DRAWING NUMBER

E311

PROJECT NUMBER

2023061



NORTH

MEZZANINE SOUTH WALL LIGHTING

SCALE: 1/4" = 1'-0"

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PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

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On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MSD	TEH

DRAWING TITLE:

UNIT D - ENLARGED MEZZANINE SOUTH WALL

CERTIFIED BY:

TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER

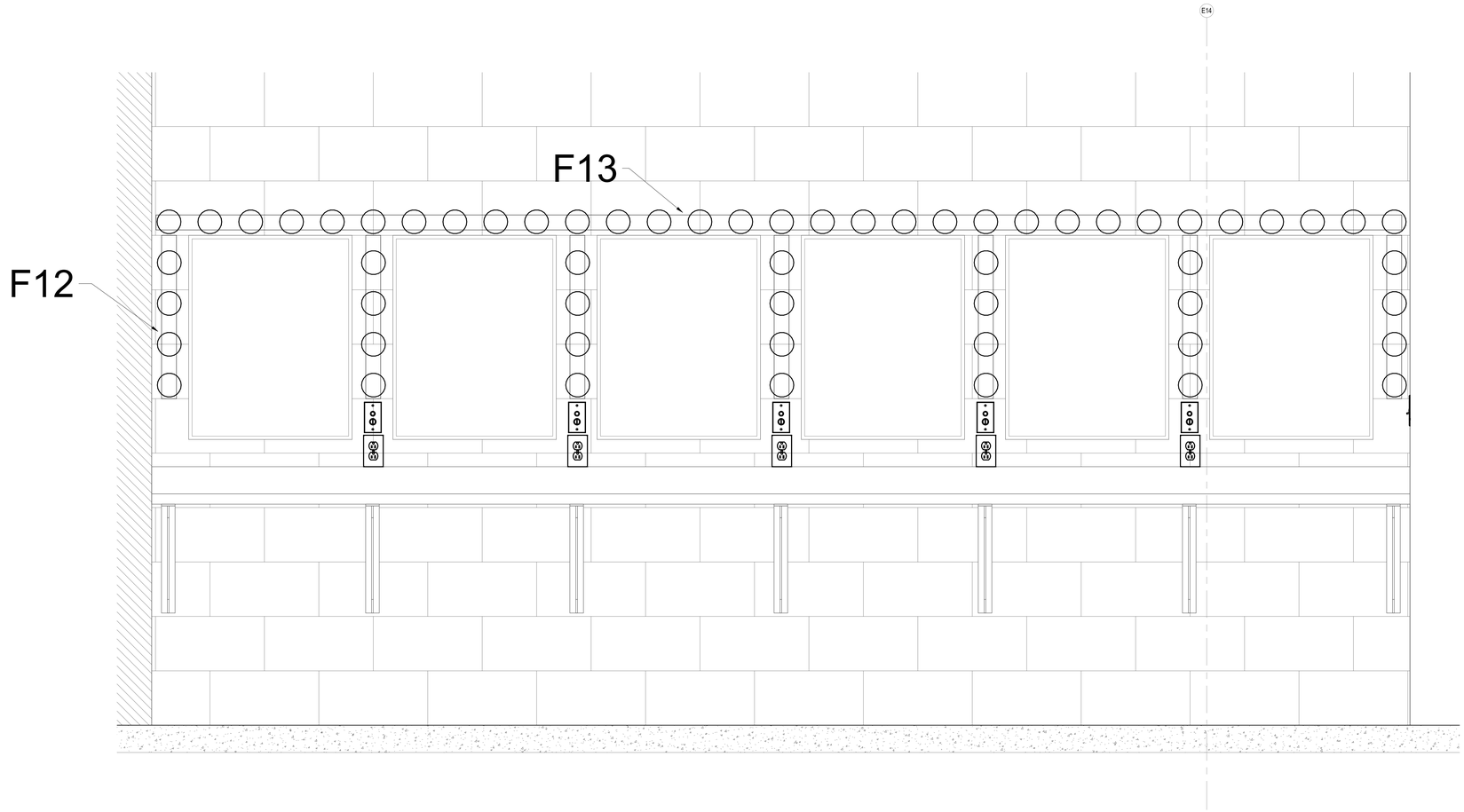
8/09/2024

DRAWING NUMBER

E312

PROJECT NUMBER

2023061



NORTH

ENLARGED DRESSING ROOM ELEVATION

SCALE: 1 1/2" = 1'-0"

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D&A# 23085

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

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On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MSD	TEH

DRAWING TITLE:

UNIT F - ENLARGED DRESSING ROOM ELEVATION

CERTIFIED BY:

TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER

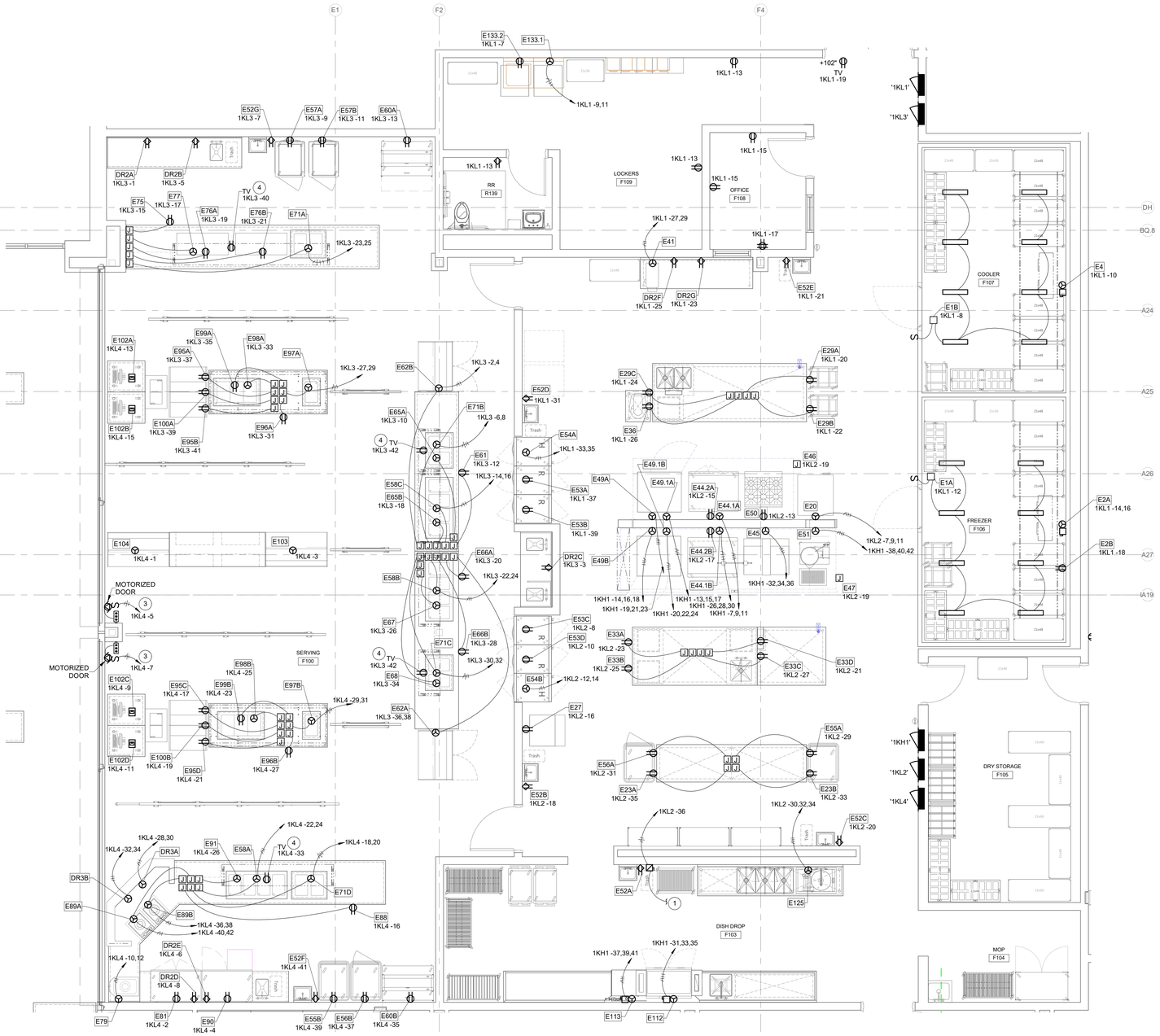
8/09/2024

DRAWING NUMBER

E313

PROJECT NUMBER

2023061



KITCHEN PLAN - ELECTRICAL

SCALE: 1/4" = 1'-0"

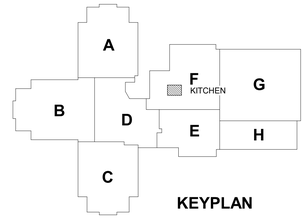
NORTH

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.
2. SEE E362 FOR KITCHEN EQUIPMENT SCHEDULES.
3. VERIFY KITCHEN EQUIPMENT REQUIREMENTS AND LOCATIONS WITH KEC DRAWINGS PRIOR TO ROUGH-IN.
4. ELECTRICAL CONTRACTOR TO COORDINATE POWER REQUIREMENTS INCLUDING VOLTAGE AND AMPERAGE WITH KEC PRIOR TO PURCHASING EQUIPMENT AND ROUGH-IN. REFER TO FOOD SERVICE DRAWINGS.
5. ELECTRICAL CONTRACTOR TO INSTALL ALL CONTROL PANELS, STARTERS, SOLENOID VALVES, JUNCTION BOXES, AND DISCONNECT SWITCHES FURNISHED BY THE KITCHEN EQUIPMENT CONTRACTOR.
6. ELECTRICAL CONTRACTOR TO PROVIDE ALL WIRING, ELECTRICAL OUTLETS, STARTERS, JUNCTION BOXES, DISCONNECT SWITCHES, AND CONDUIT REQUIRED FOR EQUIPMENT INSTALLATION IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND ELECTRICAL CODE REQUIREMENTS. ELECTRICAL RECEPTACLES TO BE FLUSH MOUNTED UNLESS NOTED OTHERWISE.
7. ELECTRICAL CONTRACTOR TO PROVIDE SHUNT TRIP GFCI BREAKERS FOR EQUIPMENT LOCATED UNDER EXHAUST HOOD.
8. ELECTRICAL CONTRACTOR TO PROVIDE CAPS AND CORDS FOR ALL ITEMS WHICH USE CONVENIENCE OUTLETS WHEN NOT SUPPLIED BY THE MANUFACTURER AND SHORTEN ANY CORDS IF NECESSARY.

(#) PLAN NOTES:

1. PROVIDE NEMA 4X ENCLOSED MANUAL MOTOR STARTER WITH PILOT LIGHT FOR DISH MACHINE CONDENSATE EXHAUST FAN ON ROOF. SEE E220 FOR ROOF PLAN.
2. COORDINATE LOCATION OF STUB-UP CONNECTIONS TO CUSTOM WORKTABLES WITH KEC AND APPROVED SHOP DRAWINGS PRIOR TO ROUGH-IN.
3. INSTALL CONTROL STATION AND SAFETY CONTACT SWITCHES FURNISHED WITH MOTORIZED DOOR OPERATOR.
4. PROVIDE RECEPTACLE IN CEILING PANEL FOR STEM MOUNTED TV MONITORS. COORDINATE EXACT LOCATION WITH TELECOM.



0 1 2 3 4 8 12 16
1 2 3 4

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of the architectural design, the size and character of the building, the major architectural elements, and the type of structural, mechanical and electrical systems.
The Contractor shall examine these drawings to describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	GSR	GSR

DRAWING TITLE:
ENLARGED KITCHEN PLAN - ELECTRICAL

CERTIFIED BY:
TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
E361

PROJECT NUMBER
2023061

KITCHEN EQUIPMENT ELECTRICAL SCHEDULE

TAG	ITEM DESCRIPTION	WATTS	ELECTRICAL DATA	CIRCUIT	HP	NEMA	BREAKER	CONDUIT/WIRE	CONNECTION	ELECTRICAL NOTES
DR2A	DUPLEX CONVENIENCE RECEPTACLE	180 W	120 V/1-180 VA	1KL3-1		5-20R GFCI	20A-1P	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT +48" AFF. ABOVE COUNTERTOP RECEPTACLES TO BE MOUNTED HORIZONTALLY.
DR2B	DUPLEX CONVENIENCE RECEPTACLE	180 W	120 V/1-180 VA	1KL3-5		5-20R GFCI	20A-1P	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT +48" AFF. ABOVE COUNTERTOP RECEPTACLES TO BE MOUNTED HORIZONTALLY.
DR2C	DUPLEX CONVENIENCE RECEPTACLE	180 W	120 V/1-180 VA	1KL3-3		5-20R GFCI	20A-1P	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT +48" AFF. ABOVE COUNTERTOP RECEPTACLES TO BE MOUNTED HORIZONTALLY.
DR2D	DUPLEX CONVENIENCE RECEPTACLE	180 W	120 V/1-180 VA	1KL4-8		5-20R GFCI	20A-1P	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT +48" AFF. ABOVE COUNTERTOP RECEPTACLES TO BE MOUNTED HORIZONTALLY.
DR2E	DUPLEX CONVENIENCE RECEPTACLE	180 W	120 V/1-180 VA	1KL4-6		5-20R GFCI	20A-1P	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT +48" AFF. ABOVE COUNTERTOP RECEPTACLES TO BE MOUNTED HORIZONTALLY.
DR2F	DUPLEX CONVENIENCE RECEPTACLE	180 W	120 V/1-180 VA	1KL1-25		5-20R GFCI	20A-1P	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT +48" AFF. ABOVE COUNTERTOP RECEPTACLES TO BE MOUNTED HORIZONTALLY.
DR2G	DUPLEX CONVENIENCE RECEPTACLE	180 W	120 V/1-180 VA	1KL1-23		5-20R GFCI	20A-1P	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT +48" AFF. ABOVE COUNTERTOP RECEPTACLES TO BE MOUNTED HORIZONTALLY.
DR3A	208-30A ABOVE COUNTERTOP RECEPTACLE	3800 W	208 V/1-3800 VA	1KL4-28,30		6-30R	30A-2P GFCI	2#10, 1#10 GND, 3/4" C.	CORD AND PLUG	MOUNT +48" AFF. ABOVE COUNTERTOP RECEPTACLES TO BE MOUNTED HORIZONTALLY.
DR3B	208-30A ABOVE COUNTERTOP RECEPTACLE	3800 W	208 V/1-3800 VA	1KL4-32,34		6-30R	30A-2P GFCI	2#10, 1#10 GND, 3/4" C.	CORD AND PLUG	MOUNT +48" AFF. ABOVE COUNTERTOP RECEPTACLES TO BE MOUNTED HORIZONTALLY.
E1A	WALK-IN FREEZER DOOR/LIGHTS	600 W	120 V/1-600 VA	1KL1-12		DIRECT	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	DIRECT	INSTALL LIGHT FIXTURES PROVIDED BY FREEZER MANUFACTURER. WIRE THROUGH LIGHT SWITCH ON WALL FOR CONTROLS. COORDINATE LIGHTING LAYOUT WITH K.E.C. PRIOR TO ROUGH-IN.
E1B	WALK-IN COOLER DOOR/LIGHTS	600 W	120 V/1-600 VA	1KL1-8		DIRECT	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	DIRECT	INSTALL LIGHT FIXTURES PROVIDED BY COOLER MANUFACTURER. WIRE THROUGH LIGHT SWITCH ON WALL FOR CONTROLS. COORDINATE LIGHTING LAYOUT WITH K.E.C. PRIOR TO ROUGH-IN.
E2A	FREEZER BLOWER COIL	3286 W	208 V/1-3286 VA	1KL1-14,16		DIRECT	20A-2P GFCI	2#12, 1#12 GND, 3/4" C.	DIRECT	PROVIDE 208V, 30A-2P NEMA 3R TOGGLE SWITCH.
E2B	DUPLEX CONVINIENCE OUTLET FOR HEATED DRAIN TAPE	180 W	120 V/1-180 VA	1KL1-18		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT +96" AFF. COORDINATE LOCATION WITH KEC DRAWINGS.
E3	WALK-IN FREEZER CONDENSING UNIT	5364 W	208 V/3-5364 VA	1KL1-38,40,42		DIRECT	20A-3P	3#12, 1#12 GND, 3/4" C.	DIRECT	PROVIDE 30A-3P NEMA 3R NON-FUSIBLE DISCONNECT.
E4	COOLER BLOWER COIL	300 W	120 V/1-300 VA	1KL1-10		DIRECT	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	DIRECT	PROVIDE 120V, 2-POLE NEMA 3R TOGGLE SWITCH.
E5	WALK-IN COOLER CONDENSING UNIT	3384 W	208 V/3-3384 VA	1KL1-32,34,36		DIRECT	20A-3P	3#12, 1#12 GND, 3/4" C.	DIRECT	PROVIDE 30A-3P NEMA 3R NON-FUSIBLE DISCONNECT.
E20	BLAST CHILLER	4824 W	208 V/3-4824 VA	1KL2-7,9,11		L15-20R	20A-3P GFCI	3#12, 1#12 GND, 3/4" C.	CORD AND PLUG	PROVIDE NEMA L15-20 RECEPTACLE AND PLUG. MOUNT RECEPTACLE +36" AFF. COORDINATE LOCATION WITH KEC DRAWINGS.
E23A	GENERAL PURPOSE RECEPTACLE	180 W	120 V/1-180 VA	1KL2-35		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT TO ITEM 23. COORDINATE LOCATION WITH KEC DRAWINGS.
E23B	GENERAL PURPOSE RECEPTACLE	180 W	120 V/1-180 VA	1KL2-33		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT TO ITEM 23. COORDINATE LOCATION WITH KEC DRAWINGS.
E27	ICE MAKER	1356 W	120 V/1-1356 VA	1KL2-16		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	PROVIDE NEMA 5-20 RECEPTACLE AND PLUG. COORDINATE LOCATION WITH KEC DRAWINGS.
E29A	ISLAND WORKTABLE CONVENIENCE RECEPTACLE	180 W	120 V/1-180 VA	1KL1-20		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT TO ITEM 29. COORDINATE LOCATION WITH KEC DRAWINGS.
E29B	ISLAND WORKTABLE CONVENIENCE RECEPTACLE	180 W	120 V/1-180 VA	1KL1-22		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT TO ITEM 29. COORDINATE LOCATION WITH KEC DRAWINGS.
E29C	ISLAND WORKTABLE CONVENIENCE RECEPTACLE	180 W	120 V/1-180 VA	1KL1-24		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT TO ITEM 29. COORDINATE LOCATION WITH KEC DRAWINGS.
E33A	ISLAND WORKTABLE CONVENIENCE RECEPTACLE	180 W	120 V/1-180 VA	1KL2-23		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT TO ITEM 33. COORDINATE LOCATION WITH KEC DRAWINGS.
E33B	ISLAND WORKTABLE CONVENIENCE RECEPTACLE	180 W	120 V/1-180 VA	1KL2-25		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT TO ITEM 33. COORDINATE LOCATION WITH KEC DRAWINGS.
E33C	ISLAND WORKTABLE CONVENIENCE RECEPTACLE	180 W	120 V/1-180 VA	1KL2-27		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT TO ITEM 33. COORDINATE LOCATION WITH KEC DRAWINGS.
E33D	ISLAND WORKTABLE CONVENIENCE RECEPTACLE	180 W	120 V/1-180 VA	1KL2-21		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT TO ITEM 33. COORDINATE LOCATION WITH KEC DRAWINGS.
E36	20 QT MIXER	960 W	120 V/1-960 VA	1KL1-26		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT TO ITEM 29. COORDINATE LOCATION WITH KEC DRAWINGS.
E41	HOT WATER DISPENSER	4992 W	208 V/1-4992 VA	1KL1-27,29		6-30R	30A-2P GFCI	2#10, 1#10 GND, 3/4" C.	CORD AND PLUG	PROVIDE NEMA 6-30R RECEPTACLE. COORDINATE LOCATION WITH KEC DRAWINGS.
E44.1A	ROTATING RACK BAKERY OVEN	18282 W	480 V/3-18282 VA	1KH1-7,9,11		L16-30R	30A-3P GFCI, SHUNT TRIP	3#10, 1#10 GND, 3/4" C.	CORD AND PLUG	PROVIDE NEMA L16-30 CORD SET. WIRE SHUNT TRIP TO HOOD CONTROL PANEL. COORDINATE LOCATION WITH KEC DRAWINGS.
E44.1B	ROTATING RACK BAKERY OVEN	18282 W	480 V/3-18282 VA	1KH1-26,28,30		L16-30R	30A-3P GFCI, SHUNT TRIP	3#10, 1#10 GND, 3/4" C.	CORD AND PLUG	PROVIDE NEMA L16-30 CORD SET. WIRE SHUNT TRIP TO HOOD CONTROL PANEL. COORDINATE LOCATION WITH KEC DRAWINGS.
E44.2A	CONTROL CIRCUIT RECEPTACLE FOR ROTATING RACK BAKERY OVEN	1128 W	120 V/1-1128 VA	1KL2-15		5-20R	20A-1P GFCI, SHUNT TRIP	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT +36" AFF. WIRE SHUNT TRIP TO HOOD CONTROL PANEL. COORDINATE LOCATION WITH KEC DRAWINGS.
E44.2B	CONTROL CIRCUIT RECEPTACLE FOR ROTATING RACK BAKERY OVEN	1128 W	120 V/1-1128 VA	1KL2-17		5-20R	20A-1P GFCI, SHUNT TRIP	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT +36" AFF. WIRE SHUNT TRIP TO HOOD CONTROL PANEL. COORDINATE LOCATION WITH KEC DRAWINGS.
E45	MULTIFUNCTUNAL COOKING APPLIANCE	22000 W	480 V/3-22000 VA	1KH1-32,34,36		DIRECT	35A-3P GFCI, SHUNT TRIP	3#8, 1#10 GND, 3/4" C.	DIRECT	WIRE SHUNT TRIP TO HOOD CONTROL PANEL. COORDINATE LOCATION WITH KEC DRAWINGS.
E46	EXHAUST HOOD	1600 W	120 V/1-1600 VA	1KL2-19		DIRECT	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	DIRECT	PROVIDE CONNECTION TO J-BOX ON TOP OF EXHAUST HOOD FOR LIGHTS/CONTROLS CIRCUIT. PROVIDE AND INSTALL CONDUIT AND THREE (3) WIRES FROM HOOD CONTROL BOX TO FIRE PROTECTION CABINET. REFER TO MANUFACTURERS DRAWINGS FOR FINAL CONNECTION LOCATIONS. SEE K500 SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
E46.2	EXHAUST FAN	6316 W	480 V/3-6316 VA	1KH1-8,10,12		DIRECT	SEE E220	3#12, 1#12 GND, 3/4" C.	DIRECT	PROVIDE WIRING AND CONDUIT FACTORY INSTALLED MOTOR STARTER PANEL ON MAKE-UP AIR UNIT. WIRE CIRCUIT THROUGH FACTORY INSTALLED MOTOR STARTER PANEL. PROVIDE 30A-3P NON-FUSIBLE DISCONNECT IN NEMA 3R ENCLOSURE FOR EXHAUST FAN. SEE K500 SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
E46.3	MAKE-UP AIR UNIT	6316 W	480 V/3-6316 VA	1KH1-8,10,12		DIRECT	SEE E220	FACTORY INSTALLED	DIRECT	PROVIDE WIRING AND CONDUIT TO FACTORY INSTALLED MOTOR STARTER PANEL. WIRING TO SUPPLY FAN PRE-INSTALLED THROUGH FACTORY INSTALLED MOTOR STARTER PANEL. SEE K500 SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
E47	EXHAUST HOOD	1600 W	120 V/1-1600 VA	1KL2-19		DIRECT	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	DIRECT	PROVIDE CONNECTION TO J-BOX ON TOP OF EXHAUST HOOD FOR LIGHTS/CONTROLS CIRCUIT. PROVIDE AND INSTALL CONDUIT AND THREE (3) WIRES FROM HOOD CONTROL BOX TO FIRE PROTECTION CABINET. REFER TO MANUFACTURERS DRAWINGS FOR FINAL CONNECTION LOCATIONS. SEE K500 SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
E49.1A	STACKED COMBI OVEN	22400 W	480 V/3-22400 VA	1KH1-13,15,17		DIRECT	35A-3P GFCI, SHUNT TRIP	3#8, 1#10 GND, 3/4" C.	DIRECT	WIRE SHUNT TRIP TO HOOD CONTROL PANEL. COORDINATE WITH KEC DRAWINGS.
E49.1B	STACKED COMBI OVEN	22400 W	480 V/3-22400 VA	1KH1-20,22,24		DIRECT	35A-3P GFCI, SHUNT TRIP	3#8, 1#10 GND, 3/4" C.	DIRECT	WIRE SHUNT TRIP TO HOOD CONTROL PANEL. COORDINATE WITH KEC DRAWINGS.
E49A	COMBI OVEN	37400 W	480 V/3-37400 VA	1KH1-19,21,23		DIRECT	60A-3P GFCI, SHUNT TRIP	3#6, 1#10 GND, 3/4" C.	DIRECT	WIRE SHUNT TRIP TO HOOD CONTROL PANEL. COORDINATE WITH KEC DRAWINGS.
E49B	COMBI OVEN	37400 W	480 V/3-37400 VA	1KH1-14,16,18		DIRECT	60A-3P GFCI, SHUNT TRIP	3#6, 1#10 GND, 3/4" C.	DIRECT	WIRE SHUNT TRIP TO HOOD CONTROL PANEL. COORDINATE WITH KEC DRAWINGS.
E50	6 BURNER RANGE	600 W	120 V/1-600 VA	1KL2-13		5-20R	20A-1P GFCI, SHUNT TRIP	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT +36" AFF AND WIRE SHUNT TRIP TO HOOD CONTROL PANEL. COORDINATE LOCATION WITH KEC DRAWINGS.
E51	12-GALLON TILT KETTLE	13100 W	480 V/3-13100 VA	1KH1-38,40,42		DIRECT	20A-3P GFCI, SHUNT TRIP	3#12, 1#12 GND, 3/4" C.	DIRECT	WIRE SHUNT TRIP TO HOOD CONTROL PANEL. COORDINATE WITH KEC DRAWINGS.
E52A	GENERAL PURPOSE RECEPTACLE	240 W	120 V/1-240 VA	1KL2-28		5-20R GFCI	20A-1P	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	COORDINATE LOCATION WITH KEC DRAWINGS.
E52B	GENERAL PURPOSE RECEPTACLE	240 W	120 V/1-240 VA	1KL2-18		5-20R GFCI	20A-1P	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	COORDINATE LOCATION WITH KEC DRAWINGS.
E52C	GENERAL PURPOSE RECEPTACLE	240 W	120 V/1-240 VA	1KL2-20		5-20R GFCI	20A-1P	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	COORDINATE LOCATION WITH KEC DRAWINGS.
E52D	GENERAL PURPOSE RECEPTACLE	240 W	120 V/1-240 VA	1KL1-31		5-20R GFCI	20A-1P	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	COORDINATE LOCATION WITH KEC DRAWINGS.
E52E	GENERAL PURPOSE RECEPTACLE	240 W	120 V/1-240 VA	1KL1-21		5-20R GFCI	20A-1P	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	COORDINATE LOCATION WITH KEC DRAWINGS.
E52F	GENERAL PURPOSE RECEPTACLE	240 W	120 V/1-240 VA	1KL4-41		5-20R GFCI	20A-1P	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	COORDINATE LOCATION WITH KEC DRAWINGS.
E52G	GENERAL PURPOSE RECEPTACLE	240 W	120 V/1-240 VA	1KL3-7		5-20R GFCI	20A-1P	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	COORDINATE LOCATION WITH KEC DRAWINGS.
E53A	SINGLE-DOOR PASS THRU REFRIGERATOR	480 W	120 V/1-480 VA	1KL1-37		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT +86" AFF. COORDINATE LOCATION WITH KEC DRAWINGS.
E53B	SINGLE-DOOR PASS THRU REFRIGERATOR	480 W	120 V/1-480 VA	1KL1-39		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT +86" AFF. COORDINATE LOCATION WITH KEC DRAWINGS.
E53C	SINGLE-DOOR PASS THRU REFRIGERATOR	480 W	120 V/1-480 VA	1KL2-8		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT +86" AFF. COORDINATE LOCATION WITH KEC DRAWINGS.
E53D	SINGLE-DOOR PASS THRU REFRIGERATOR	480 W	120 V/1-480 VA	1KL2-10		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT +86" AFF. COORDINATE LOCATION WITH KEC DRAWINGS.
E54A	SINGLE DOOR PASS-THRU HEATED CABINET	1500 W	208 V/1-1500 VA	1KL1-33,35		6-20R	20A-2P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT +86" AFF. COORDINATE LOCATION WITH KEC DRAWINGS.
E54B	SINGLE DOOR PASS-THRU HEATED CABINET	1500 W	208 V/1-1500 VA	1KL2-12,14		6-20R	20A-2P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT +86" AFF. COORDINATE LOCATION WITH KEC DRAWINGS.
E55A	HOT HOLDING CABINET	1080 W	120 V/1-1080 VA	1KL2-29		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT TO ITEM 23. COORDINATE LOCATION WITH KEC DRAWINGS.
E55B	HOT HOLDING CABINET	1080 W	120 V/1-1080 VA	1KL4-39		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT +24" AFF. COORDINATE LOCATION WITH KEC DRAWINGS.
E56A	COLD HOLDING CABINET	800 W	120 V/1-800 VA	1KL2-31		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT TO ITEM 23. COORDINATE LOCATION WITH KEC DRAWINGS.
E56B	COLD HOLDING CABINET	800 W	120 V/1-800 VA	1KL4-37		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT +24" AFF. COORDINATE LOCATION WITH KEC DRAWINGS.
E57A	PRO CART ULTRA	552 W	120 V/1-552 VA	1KL3-9		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT +24" AFF. COORDINATE LOCATION WITH KEC DRAWINGS.
E57B	PRO CART ULTRA	552 W	120 V/1-552 VA	1KL3-11		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT +24" AFF. COORDINATE LOCATION WITH KEC DRAWINGS.
E58A	DROP-IN HOT WELL UNIT	2250 W	208 V/1-2250 VA	1KL4-22,24		6-20R	20A-2P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	PROVIDE NEMA 6-20 RECEPTACLE AND PLUG. MOUNT TO CUSTOM CASEWORK. COORDINATE LOCATION WITH KEC DRAWINGS.
E58B	DROP-IN HOT WELL UNIT	2250 W	208 V/1-2250 VA	1KL3-22,24		6-20R	20A-2P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	PROVIDE NEMA 6-20 RECEPTACLE AND PLUG. MOUNT TO CUSTOM CASEWORK. COORDINATE LOCATION WITH KEC DRAWINGS.
E58C	DROP-IN HOT WELL UNIT	2250 W	208 V/1-2250 VA	1KL3-14,16		6-20R	20A-2P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	PROVIDE NEMA 6-20 RECEPTACLE AND PLUG. MOUNT TO CUSTOM CASEWORK. COORDINATE LOCATION WITH KEC DRAWINGS.
E60A	MILK COOLER	360 W	120 V/1-360 VA	1KL3-13		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	
E60B	MILK COOLER	360 W	120 V/1-360 VA	1KL4-35		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	
E61	SERVING COUNTER DUPLEX CONVENIENCE RECEPTACLE	180 W	120 V/1-180 VA	1KL3-12		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT TO CUSTOM CASEWORK. COORDINATE LOCATION WITH KEC DRAWINGS.
E62A	AIR CURTAIN MERCHANDIZER	2311 W	208 V/1-2311 VA	1KL3-36,38		6-20R	20A-2P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT TO CUSTOM CASEWORK. COORDINATE LOCATION WITH KEC DRAWINGS.
E62B	AIR CURTAIN MERCHANDIZER	2311 W	208 V/1-2311 VA	1KL3-2,4		6-20R	20A-2P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT TO CUSTOM CASEWORK. COORDINATE LOCATION WITH KEC DRAWINGS.
E65A	ADJUSTABLE BREATH GUARD LIGHTS	720 W	120 V/1-720 VA	1KL3-10		DIRECT	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	DIRECT	
E65B	ADJUSTABLE BREATH GUARD LIGHTS	720 W	120 V/1-720 VA	1KL3-18		DIRECT	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	DIRECT	
E66A	SERVING COUNTER DUPLEX CONVENIENCE RECEPTACLE	180 W	120 V/1-180 VA	1KL3-20		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT TO CUSTOM CASEWORK. COORDINATE LOCATION WITH KEC DRAWINGS.
E66B	SERVING COUNTER DUPLEX CONVENIENCE RECEPTACLE	180 W	120 V/1-180 VA	1KL3-28		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT TO CUSTOM CASEWORK. COORDINATE LOCATION WITH KEC DRAWINGS.
E67	ADJUSTABLE BREATH GUARD LIGHTS	720 W	120 V/1-720 VA	1KL3-26		DIRECT	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	DIRECT	
E68	ADJUSTABLE BREATH GUARD LIGHTS	720 W	120 V/1-720 VA	1KL3-34		DIRECT	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	DIRECT	
E71A	DROP IN HOT/COLD WELL UNIT	2000 W	208 V/1-2000 VA	1KL3-23,25		14-20R	20A-2P GFCI	3#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT NEMA 14-20R RECEPTACLE TO CUSTOM CASEWORK. COORDINATE LOCATION WITH KEC DRAWINGS.
E71B	DROP IN HOT/COLD WELL UNIT	2000 W	208 V/1-2000 VA	1KL3-6,8		14-20R	20A-2P GFCI	3#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT NEMA 14-20R RECEPTACLE TO CUSTOM CASEWORK. COORDINATE LOCATION WITH KEC DRAWINGS.
E71C	DROP IN HOT/COLD WELL UNIT	2000 W	208 V/1-2000 VA	1KL3-30,32		14-20R	20A-2P GFCI	3#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT NEMA 14-20R RECEPTACLE TO CUSTOM CASEWORK. COORDINATE LOCATION WITH KEC DRAWINGS.
E71D	DROP IN HOT/COLD WELL UNIT	2000 W	208 V/1-2000 VA	1KL4-18,20		14-20R	20A-2P GFCI	3#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT NEMA 14-20R RECEPTACLE TO CUSTOM CASEWORK. COORDINATE LOCATION WITH KEC DRAWINGS.
E75	SERVING COUNTER DUPLEX CONVENIENCE RECEPTACLE	180 W	120 V/1-180 VA	1KL3-15		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT TO CUSTOM CASEWORK. COORDINATE LOCATION WITH KEC DRAWINGS.
E76A	DROP-IN HEATED SHELF	996 W	120 V/1-996 VA	1KL3-19		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT TO CUSTOM CASEWORK. COORDINATE LOCATION WITH KEC DRAWINGS.
E76B	DROP-IN HEATED SHELF	996 W	120 V/1-996 VA	1KL3-21		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT TO CUSTOM CASEWORK. COORDINATE LOCATION WITH KEC DRAWINGS.
E77	ADJUSTABLE BREATH GUARD LIGHTS	720 W	120 V/1-720 VA	1KL3-17		DIRECT	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	DIRECT	
E79	SOFT SERVE MACHINE	3120 W	208 V/1-3120 VA	1KL4-10,12		6-20R	20A-2P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT NEMA 6-20R RECEPTACLE +24" AFF. COORDINATE LOCATION WITH KEC DRAWINGS.
E81	UNDERCOUNTER FREEZER	400 W	120 V/1-400 VA	1KL4-2		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT +24" AFF. COORDINATE LOCATION WITH KEC DRAWINGS.
E88	SERVING COUNTER DUPLEX CONVENIENCE RECEPTACLE	180 W	120 V/1-180 VA	1KL4-16		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT TO CUSTOM CASEWORK. COORDINATE LOCATION WITH KEC DRAWINGS.
E89A	INDUCTION BURNER	3120 W	208 V/1-3120 VA	1KL4-40,42		L6-30R	20A-2P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT NEMA L6-30R RECEPTACLE TO CUSTOM CASEWORK. COORDINATE LOCATION WITH KEC DRAWINGS.
E89B	INDUCTION BURNER	3120 W	208 V/1-3120 VA	1KL4-36,38		L6-30R	20A-2P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT NEMA L6-30R RECEPTACLE TO CUSTOM CASEWORK. COORDINATE LOCATION WITH KEC DRAWINGS.
E90	UNDERCOUNTER REFRIGERATOR	360 W	120 V/1-360 VA	1KL4-4		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT +24" AFF. COORDINATE LOCATION WITH KEC DRAWINGS.
E91	SELF SERVE BREATH GUARD LIGHTS	720 W	120 V/1-720 VA	1KL4-26		DIRECT	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	DIRECT	
E95A	REFRIGERATED MERCHANDISER	1440 W	120 V/1-1440 VA	1KL3-37		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT TO CUSTOM CASEWORK. COORDINATE LOCATION WITH KEC DRAWINGS.
E95B	REFRIGERATED MERCHANDISER	1440 W	120 V/1-1440 VA	1KL3-41		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT TO CUSTOM CASEWORK. COORDINATE LOCATION WITH KEC DRAWINGS.
E95C	REFRIGERATED MERCHANDISER	1440 W	120 V/1-1440 VA	1KL4-17		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT TO CUSTOM CASEWORK. COORDINATE LOCATION WITH KEC DRAWINGS.
E95D	REFRIGERATED MERCHANDISER	1440 W	120 V/1-1440 VA	1KL4-21		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT TO CUSTOM CASEWORK. COORDINATE LOCATION WITH KEC DRAWINGS.
E96A	FRESH SERVING COUNTER DUPLEX CONVENIENCE RECEPTACLE	180 W	120 V/1-180 VA	1KL3-31		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT TO CUSTOM CASEWORK. COORDINATE LOCATION WITH KEC DRAWINGS.
E96B	FRESH SERVING COUNTER DUPLEX CONVENIENCE RECEPTACLE	180 W	120 V/1-180 VA	1KL4-27		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT TO CUSTOM CASEWORK. COORDINATE LOCATION WITH KEC DRAWINGS.
E97A	DROP IN HOT/COLD WELL UNIT	1500 W	208 V/1-1500 VA	1KL3-27,29		14-20R	20A-2P GFCI	3#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT 14-20R RECEPTACLE TO CUSTOM CASEWORK. COORDINATE LOCATION WITH KEC DRAWINGS.
E97B	DROP IN HOT/COLD WELL UNIT	1500 W	208 V/1-1500 VA	1KL4-29,31		14-20R	20A-2P GFCI	3#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT 14-20R RECEPTACLE TO CUSTOM CASEWORK. COORDINATE LOCATION WITH KEC DRAWINGS.
E98A	SELF SERVE DOUBLE-SIDED BREATH GUARD LIGHTS	840 W	120 V/1-840 VA	1KL3-33		DIRECT	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	DIRECT	
E98B	SELF SERVE DOUBLE-SIDED BREATH GUARD LIGHTS	840 W	120 V/1-840 VA	1KL4-25		DIRECT	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	DIRECT	
E99A	DROP-IN COLD WELL UNIT	840 W	120 V/1-840 VA	1KL3-35		5-20R	20A-1P GFCI	2#12, 1#12 GND, 3/4" C.	CORD AND PLUG	MOUNT TO CUSTOM CASEWORK. COORDINATE LOCATION WITH KEC DRAWINGS.
E99B	DROP-IN COLD WELL UNIT	840 W	120 V/1-840 VA	1KL4-23		5-20R	20A-1P GFCI

DISTRIBUTION TRANSFORMER FEEDER AND GROUNDING SCHEDULE (ALUMINUM CONDUCTORS)							
kVA RATING	480V. PRIMARY (Δ) 3PH.,3W.		120/208V. SECONDARY (-) 3PH.,4W.			GEC & CONDUIT	kVA RATING
	O.C.P.D.	PRIMARY FEEDER	O.C.P.D.	SECONDARY FEEDER	SBJ		
15							15
30							30
45							45
75							75
112.5	175A	3#4/0, 1#4 G, 2" C	400A	2 SETS 3#250KCMIL, 1#250KCMIL N, 1#2 G, 2 1/2" C EACH	#1/0	1#1/0, 1"C.	112.5
150	225A	3#300KCMIL, 1#2 G, 2 1/2" C	500A	2 SETS 3#350KCMIL, 1#350KCMIL N, 1#1/0 G, 3" C EACH	#3/0	1#3/0, 1"C.	150
225	350A	3#700KCMIL, 1#1 G, 3 1/2" C	800A	2 SETS 3#700KCMIL, 1#700KCMIL N, 1#3/0 G, 4" C EACH	#4/0	1#4/0, 1"C.	225
300	450A	2 SETS 3#300KCMIL, 1#1/0 G, 2 1/2" C EACH	1000A	3 SETS 3#600KCMIL, 1#600KCMIL N, 1#3/0 G, 3 1/2" C EACH	#250 KCMIL	1#250KCMIL, 1"C.	300
500	800A	2 SETS 3#700KCMIL, 1#3/0 G, 3 1/2" C EACH	1600A	5 SETS 3#600KCMIL, 1#600KCMIL N, 1#3/0 G, 3 1/2" C EACH	#400 KCMIL	1#400KCMIL, 1 1/4"C.	500

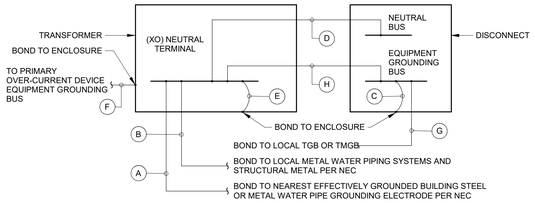
TRANSFORMER SCHEDULE NOTES:

1. REFER TO DISTRIBUTION TRANSFORMER GROUNDING DETAIL.
2. CONDUCTOR SIZES ARE BASED ON COMPACT STRANDED XHHW-2 ALUMINUM CONDUCTORS.

DISTRIBUTION TRANSFORMER FEEDER AND GROUNDING SCHEDULE (COPPER CONDUCTORS)							
kVA RATING	480V. PRIMARY (Δ) 3PH.,3W.		120/208V. SECONDARY (-) 3PH.,4W.			GEC & CONDUIT	kVA RATING
	O.C.P.D.	PRIMARY FEEDER	O.C.P.D.	SECONDARY FEEDER	SBJ		
15	30A	3#10, 1#10 G, 3/4" C	50A	3#6, 1#6 N, 1#8 G, 1-1/4" C	#8	1#8, 3/4"C.	15
30	50A	3#6, 1#10 G, 1" C	100A	3#1, 1#1 N, 1#6 G, 1-1/2" C	#6	1#6, 3/4"C.	30
45	70A	3#4, 1#8 G, 1-1/4" C	150A	3#1/0, 1#1/0 N, 1#6 G, 2" C	#6	1#6, 3/4"C.	45
75	125A	3#1, 1#6 G, 1-1/2" C	250A	3#250KCMIL, 1#250KCMIL N, 1#2 G, 2"1/2" C	#2	1#2, 3/4"C.	75
112.5	175A	3#2/0, 1#6 G, 2" C	400A	2 SETS 3#3/0, 1#3/0 N, 1#4 G, 2" C EACH	#2	1#2, 3/4"C.	112.5
150	225A	3#4/0, 1#4 G, 2-1/2" C	500A	2 SETS 3#250KCMIL, 1#250KCMIL N, 1#2 G, 2-1/2" C EACH	#1/0	1#1/0, 1"C.	150
225	350A	3#500KCMIL, 1#3 G, 3" C	800A	3 SETS 3#300KCMIL, 1#300KCMIL N, 1#2 G, 3" C EACH	#2/0	1#2/0, 1"C.	225
300	450A	2 SETS 3#4/0, 1#2 G, 2-1/2" C EACH	1000A	3 SETS 3#400KCMIL, 1#400KCMIL N, 1#1/0 G, 3-1/2" C EACH	#3/0	1#3/0, 1"C.	300
500	800A	2 SETS 3#500KCMIL, 1#1/0 G, 3" C EACH	1600A	4 SETS 3#600KCMIL, 1#600KCMIL N, 1#1/0 G, 4" C EACH	#300 KCMIL	1#3/0, 1"C.	500

TRANSFORMER SCHEDULE NOTES:

1. REFER TO DISTRIBUTION TRANSFORMER GROUNDING DETAIL.
2. CONDUCTOR SIZES ARE BASED ON THHN-THWN COPPER CONDUCTORS.



A. GROUNDING ELECTRODE CONDUCTOR (GEC). REFER TO "GEC AND CONDUIT" COLUMN IN DISTRIBUTIONTRANSFORMER FEEDER AND GROUNDING SCHEDULE FOR CONDUCTOR AND CONDUIT SIZE.

B. SUPPLY-SIDE BONDING JUMPER (SSBJ). REFER TO "GEC AND CONDUIT" COLUMN IN DISTRIBUTION TRANSFORMER FEEDER AND GROUNDING SCHEDULE FOR CONDUCTOR AND CONDUIT SIZE.

C. SSBJ. REFER TO GROUND CONDUCTOR SIZE IN "GEC AND CONDUIT" COLUMN IN DISTRIBUTION TRANSFORMER FEEDER AND GROUNDING SCHEDULE. SCREW OR BUSBAR MAY BE USED WHEN PROVIDED AS PART OF LISTED SERVICE EQUIPMENT.

D. GROUNDED (NEUTRAL) CONDUCTOR. REFER TO "SECONDARY FEEDER" COLUMN FOR CONDUCTOR SIZE.

E. SYSTEM BONDING JUMPER (SBJ). REFER TO "SBJ" COLUMN IN DISTRIBUTION TRANSFORMER FEEDER AND GROUNDING SCHEDULE.

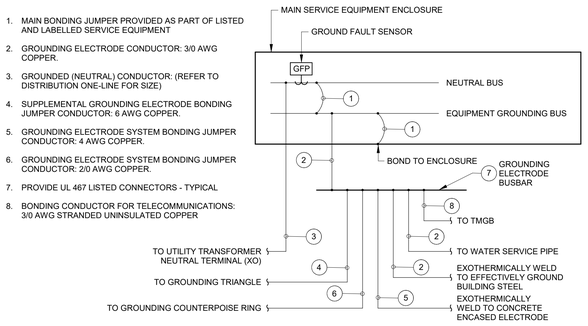
F. EQUIPMENT GROUNDING CONDUCTOR. REFER TO "PRIMARY FEEDER" COLUMN IN DISTRIBUTION TRANSFORMER FEEDER AND GROUNDING SCHEDULE FOR CONDUCTOR SIZE.

G. EQUIPMENT BONDING JUMPER (EBJ): 4 AWG COPPER.

H. SSBJ. REFER TO GROUNDING CONDUCTOR SIZE IN "SECONDARY FEEDER" COLUMN IN DISTRIBUTION TRANSFORMERFEEDER AND GROUNDING SCHEDULE.

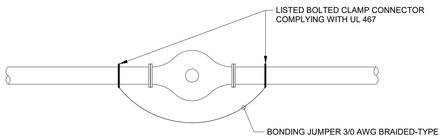
A DISTRIBUTION TRANSFORMER GROUNDING DETAIL

SCALE: NONE



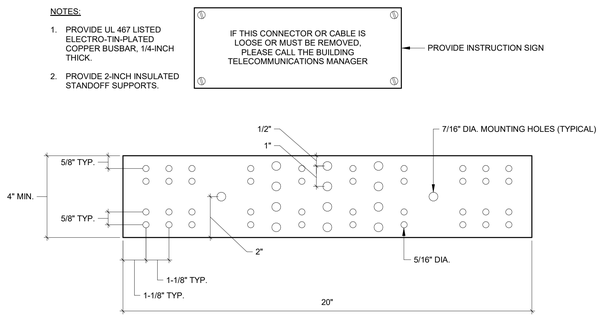
H MAIN SERVICE GROUNDING

SCALE: NONE



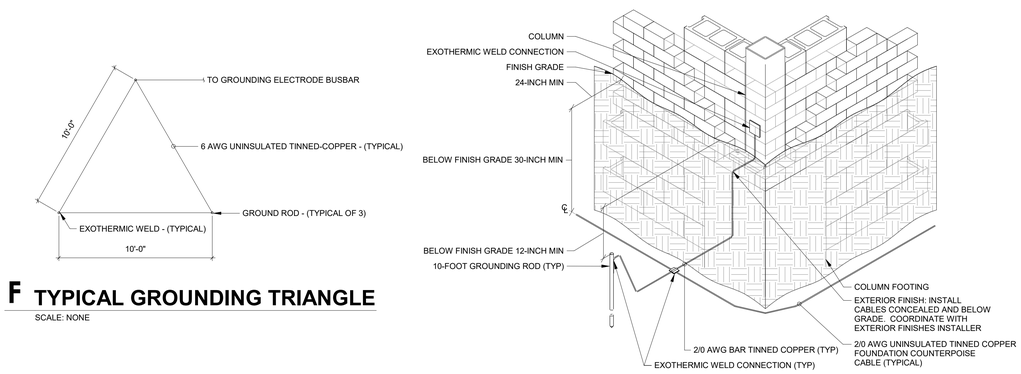
E TYPICAL BONDING JUMPER AT EACH WATER METER

SCALE: NONE



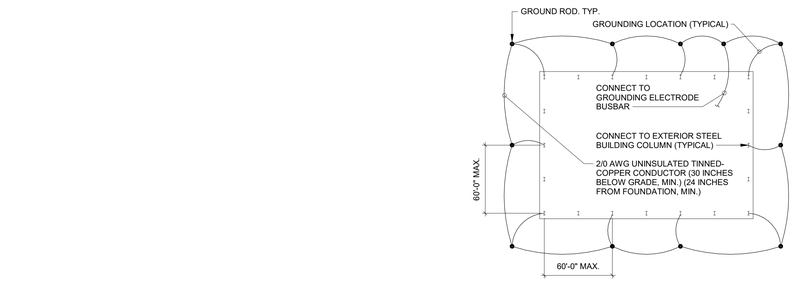
B GROUNDING ELECTRODE BUSBAR

SCALE: NONE



C TYPICAL GROUND RING AND GROUNDING FOR STEEL BUILDING STRUCTURE

SCALE: NONE



D TYPICAL GROUND RING

SCALE: NONE

F TYPICAL GROUNDING TRIANGLE

SCALE: NONE

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Phone: (317) 634-4672
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PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. They are not intended to be construction documents. Describe all work required for full performance and completion of the requirements of the Contract.
Unless specifically noted, the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	LPC	TEH

DRAWING TITLE:

DETAILS - GROUNDING

CERTIFIED BY:

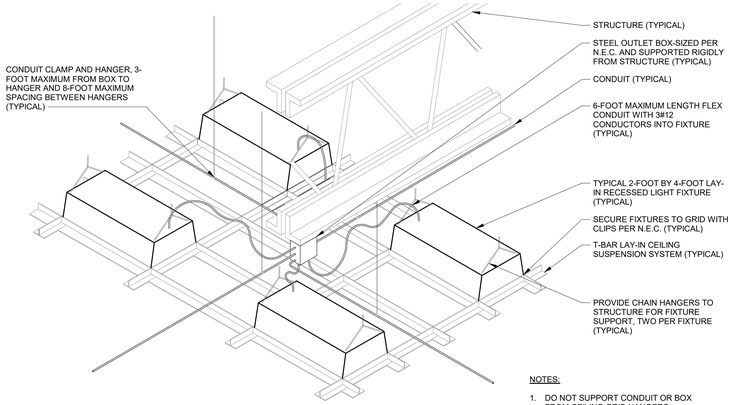
TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER

E401

PROJECT NUMBER

2023061

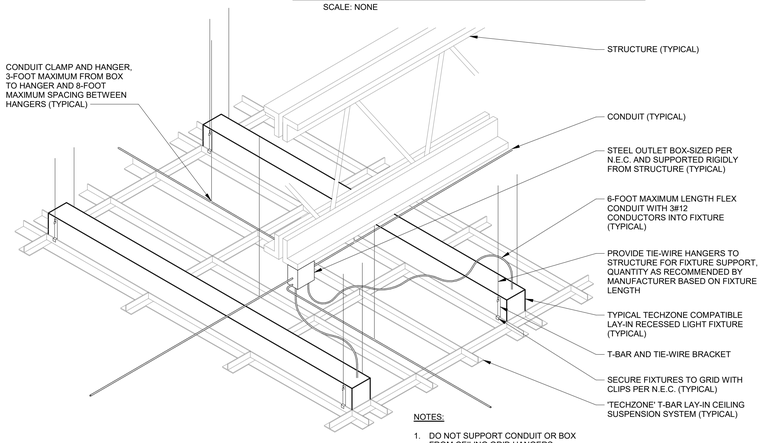


NOTES:

1. DO NOT SUPPORT CONDUIT OR BOX FROM CEILING GRID HANGERS

F TYPICAL RECESSED LIGHTING INSTALLATION

SCALE: NONE

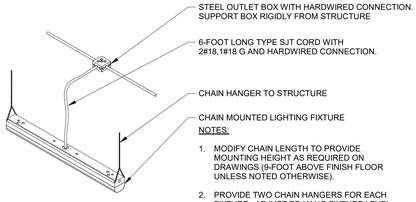


NOTES:

1. DO NOT SUPPORT CONDUIT OR BOX FROM CEILING GRID HANGERS

G TYPICAL RECESSED LINEAR LIGHTING INSTALLATION

SCALE: NONE

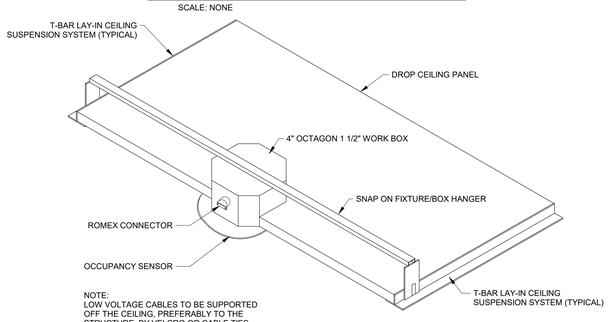


NOTES:

1. MODIFY CHAIN LENGTH TO PROVIDE MOUNTING HEIGHT AS REQUIRED ON DRAWINGS (9-FOOT ABOVE FINISH FLOOR UNLESS NOTED OTHERWISE).
2. PROVIDE TWO CHAIN HANGERS FOR EACH FIXTURE. ADJUST TO HANG FIXTURE LEVEL.

H CHAIN MOUNTED LIGHTING FIXTURE INSTALLATION

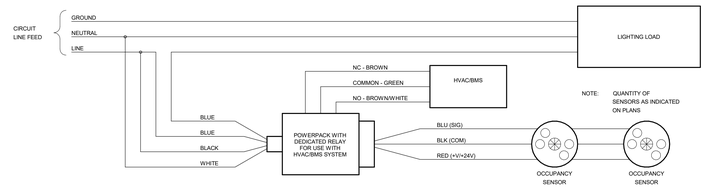
SCALE: NONE



NOTE:
LOW VOLTAGE CABLES TO BE SUPPORTED OFF THE CEILING, PREFERABLY TO THE STRUCTURE, BY VELCRO OR CABLE TIES.

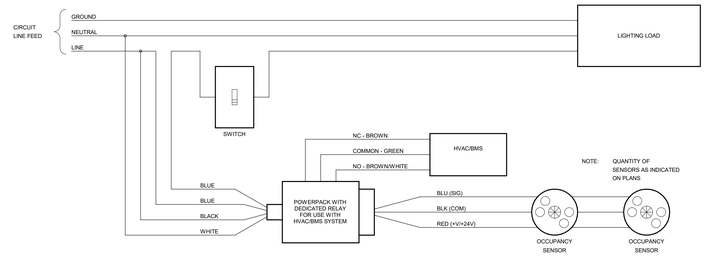
J TYPICAL OCCUPANCY SENSOR INSTALLATION DETAIL

SCALE: NONE



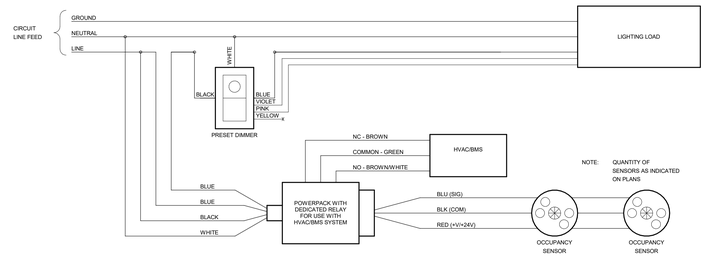
B TYPICAL SINGLE CIRCUIT, SENSORS WITHOUT MANUAL SWITCHING

SCALE: NONE



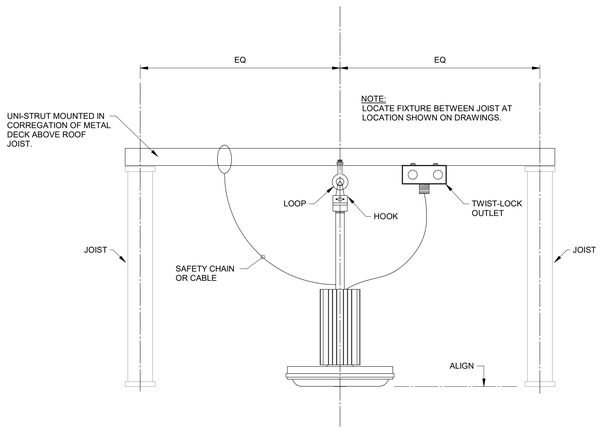
C TYPICAL SINGLE CIRCUIT, SENSORS WITH MANUAL SWITCHING

SCALE: NONE



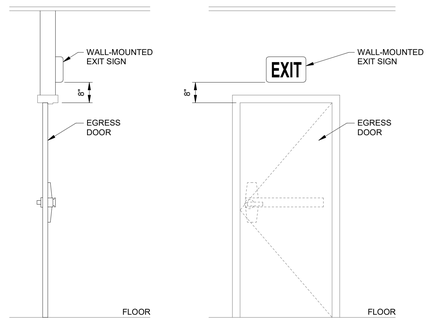
D TYPICAL SINGLE CIRCUIT, SENSORS WITH MANUAL DIMMING

SCALE: NONE



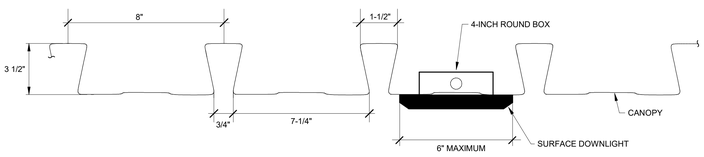
E TYPICAL HIGH BAY FIXTURE DETAIL

SCALE: NONE



A WALL-MOUNT EXIT SIGN DETAIL

SCALE: NONE



K CANOPY LIGHT FIXTURE - MOUNTING DETAIL

SCALE: NONE

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Phone: (317) 634-4672
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D&A# 23085

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of the building systems, the extent of the work within the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The specifications are complementary and describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

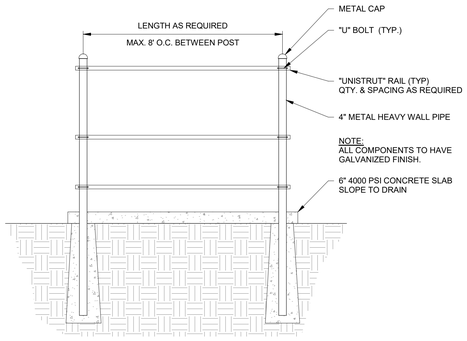
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	LPC	TEH

DRAWING TITLE:
DETAILS - LIGHTING

CERTIFIED BY:
TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

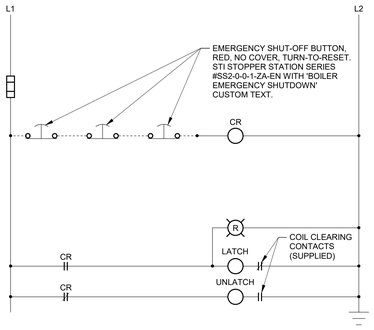
DRAWING NUMBER
E402

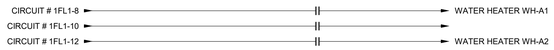
PROJECT NUMBER
2023061



H TYPICAL EQUIPMENT SUPPORT STAND

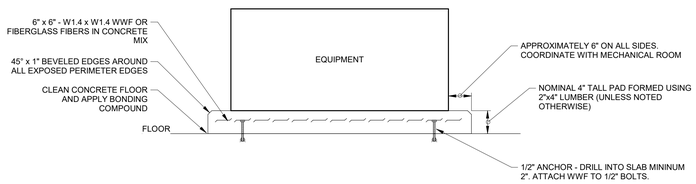
SCALE: NONE





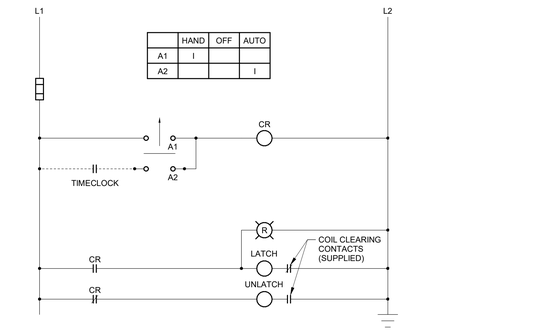
J BOILER REMOTE EMERGENCY SHUT DOWN SWITCH SCHEMATIC

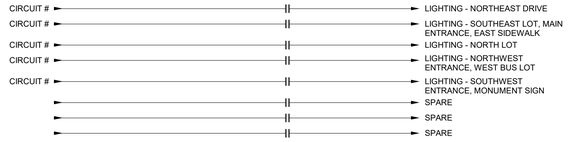
SCALE: NONE



K TYPICAL HOUSEKEEPING PAD

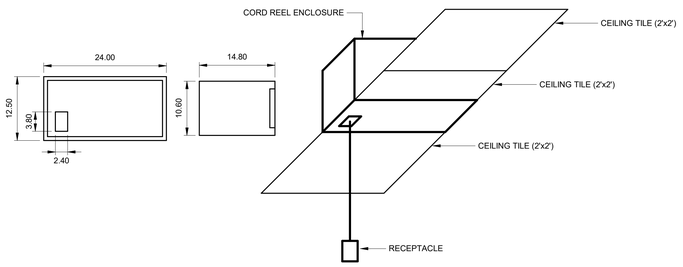
SCALE: NONE





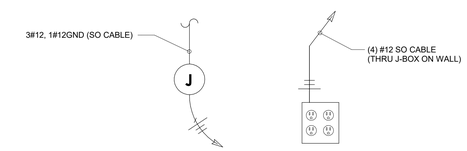
E EXTERIOR LIGHTING CONTACTOR

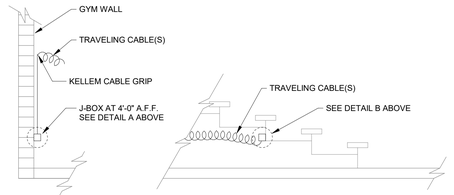
SCALE: NONE



F CORD REEL ENCLOSURE

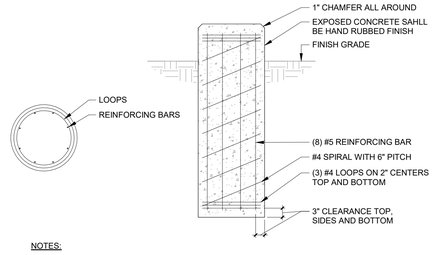
SCALE: NONE





G RETRACTABLE BLEACHER

SCALE: NONE

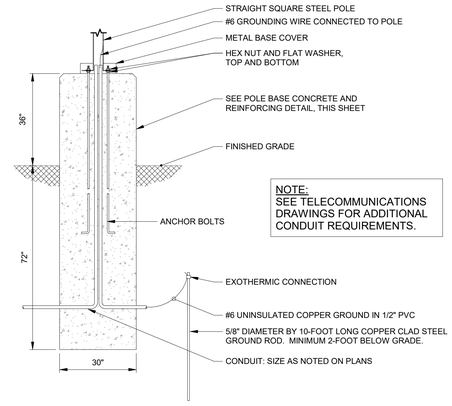


NOTES:

1. USE 4000 PSI 28 DAY STRENGTH CONCRETE FOR POLE BASE.
2. PLACE CONRETE THE SAME DAY BASE IS DRILLED.
3. USE SONOTUBE FORM ABOVE GRADE AND EXTEND TO 6" BELOW GRADE.
4. REFER TO "POLE BASE DETAIL" FOR DIMENSIONS.

A POLE BASE CONCRETE AND REINFORCING

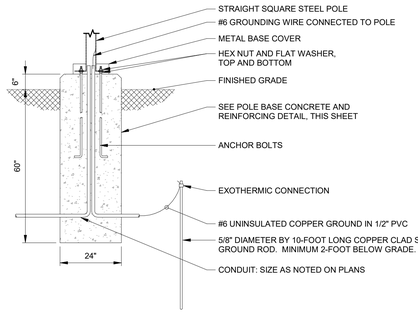
SCALE: NONE



NOTE:
SEE TELECOMMUNICATIONS DRAWINGS FOR ADDITIONAL CONDUIT REQUIREMENTS.

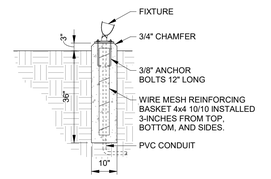
B PARKING LOT POLE UP TO 30-FOOT BASE DETAIL

SCALE: NONE



C PEDESTRIAN POLE UP TO 20-FOOT BASE DETAIL

SCALE: NONE



NOTES:

1. USE 4000 PSI 28 DAY STRENGTH CONCRETE FOR POLE BASE.
2. PLACE CONRETE THE SAME DAY BASE IS DRILLED.
3. USE SONOTUBE FORM ABOVE GRADE AND EXTEND TO 6" BELOW GRADE.
4. REFER TO "POLE BASE DETAIL" FOR DIMENSIONS.

D TYPICAL GROUND MOUNTED FLOOD LIGHT

SCALE: NONE

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D&A# 23085

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Phone: (317) 634-4477
Fax: (317) 639-8725

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project being bid. They indicate the major architectural elements of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the project.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	LPC	TEH

DRAWING TITLE:
DETAILS - ELECTRICAL

CERTIFIED BY:
TIMOTHY E. HILL REGISTERED No. PE19800083 STATE OF INDIANA PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
E403

PROJECT NUMBER
2023061

THE LINK BELOW WILL REFERENCE THE USER TO A DOCUMENT THAT DESCRIBES THE VARIOUS TYPES OF THREE-PHASE CONCRETE TRANSFORMER PADS USED, WHICH TRANSFORMER SIZES THEY ARE USED FOR, AND THE STYLE (FLAT OR PIT PAD) THAT IS APPROPRIATE FOR THE SIZE OF SERVICE.

ADDITIONALLY, CERTAIN PROVIDERS OF PRE-CAST CONCRETE PRODUCTS PROVIDE PRE-CAST VERSIONS OF THE FLAT AND PIT PAD DESIGNS DESCRIBED IN THESE DOCUMENTS. DUKE ENERGY DOES NOT ENDORSE ANY SPECIFIC VENDOR VERSUS ANOTHER, BUT HAS PRE-APPROVED THE FOLLOWING PRE-CAST CONCRETE PAD SUPPLIERS FOR USE ON THE DUKE ENERGY SYSTEM. A DUKE ENERGY REPRESENTATIVE WILL INSPECT THESE INSTALLATIONS FOR THE SAME CONSTRUCTION STANDARDS AS A PAD POURED IN PLACE PRIOR TO THE INSTALLATION OF THE TRANSFORMER. THE CUSTOMER MUST CONTACT THE DUKE ENERGY REPRESENTATIVE TO INSPECT THE PAD WHEN IT IS READY FOR THE TRANSFORMER TO BE INSTALLED.

PRE-APPROVED SUPPLIERS OF PRE-FABRICATED CONCRETE PADS

ENCORE PRECAST
CONTACT: JIM MALONEY
PHONE: 513-726-5678 EXT 103
EMAIL: JMALONEY@ENCOREPRECASTLLC.COM
WEBSITE: ENCOREPRECASTLLC.COM

OLDCASTLE PRECAST
CONTACT: CURTIS JONES
PHONE: 502-639-1124
EMAIL: CURTIS.JONES@OLDCASTLE.COM
WEBSITE: OLDCASTLEINFRASTRUCTURE.COM

PBC PRECAST
CONTACT: JEREMY ADKINS
PHONE: 910-260-1820
EMAIL: JADKINS@HOGSLAT.COM
WEBSITE: PBCPRECAST.COM

TRENWA
CONTACT: GEORGE SCHURR
PHONE: 859-781-0831 EXT 22
EMAIL: DUKEORDERS@TRENWA.COM
WEBSITE: TRENWA.COM/REQUEST-QUOTE/

UTILITY PRECAST
CONTACT: LARINDA BUESCH
PHONE: 704-721-0106
EMAIL: LARINDA@UTILITYPRECASTINC.COM
WEBSITE: UTILITYPRECASTINC.COM

KOI PRECAST CONCRETE
CONTACT: JIM RYAN
PHONE: 859-371-4005
EMAIL: JRYAN@KOIPRECAST.COM
WEBSITE: KOIPRECAST.COM

PRE-CAST PIT PAD SUPPLIER PART NUMBER						
	ENCORE PRECAST	OLDCASTLE PRECAST	PBC PRECAST	TRENWA	UTILITY PRECAST	KOI PRECAST CONCRETE
SMALL PAD	TRPAD082066	668206TP	FP82666	PAD-82X66	FTP8120	E1095
LARGE PAD	TRPAD098104	9810406TP	FP981046	PAD-104X98	FTP8130	E1096
SMALL PIT BOX	TRPIT082066	668206TB	PIT783430	PIT-78X34	FTP8121	E1097
LARGE PIT BOX	TRPIT098104	9810406TB	PIT824030	PIT-82X40	FTP8131	E1098

PAD-MOUNTED TRANSFORMER CONCRETE FOUNDATION SPECIFICATIONS:
SEE WWW.DUKE-ENERGY.COM | PARTNER WITH US | BUILDERS, DEVELOPERS & CONTRACTORS | CONSTRUCTION TOOLBOX
HTTPS://WWW.DUKE-ENERGY.COM/_/MEDIA/PDFS/PARTNER-WITH-US/PADTRANSFORMERCONCRETEFOUNDSPECS.PDF?LA=EN

REVISED		BY	CHK'D	APPR.
3				
2	3/11/21	DIETERLE	BRUENS	GRAHAM
1	4/24/19	DIETERLE	BRUENS	ADCOCK
0	2/21/19	DIETERLE	BRUENS	ADCOCK

PRE-APPROVED SUPPLIER LIST FOR PRE-FABRICATED CONCRETE TRANSFORMER FOUNDATIONS

DUKE ENERGY.

DEC	DEM	DEP	DEF
	X		

FIG 111D

Shaded Text = Revisions. Δ = Text deletions and figure/table revisions. ● = Section deletions. *N* = New material

NOTES:

1. THE COMPANY RESERVES THE RIGHT TO REFUSE SERVICE TO NEW INSTALLATIONS THAT DO NOT MEET DUKE ENERGY REQUIREMENTS.
2. REFERENCE FIGURE 110 TO DETERMINE IF CURBING AND ABSORPTION BED IS REQUIRED.
3. PROTECTIVE BOLLARDS ARE REQUIRED WHEN TRANSFORMERS ARE EXPOSED TO VEHICLE TRAFFIC. SEE FIGURES 112A & B FOR PROTECTIVE BOLLARD DETAILS.
4. THERE SHALL BE MINIMUM CLEARANCES OF 10' IN FRONT OF THE TRANSFORMER AND 3' ON ALL OTHER SIDES OF THE TRANSFORMER. SEE FIGURES 120 AND 121 FOR MORE DETAILS ON CLEARANCES.
5. TRANSFORMER MUST BE LOCATED IN AN AREA THAT ALLOWS SAFE ACCESS BY DUKE ENERGY CONSTRUCTION AND MAINTENANCE EQUIPMENT IN WET OR DRY WEATHER.
6. CONSIDER FROST ACTION, DRAINAGE, AND LOCAL SOIL CONDITIONS WHEN PREPARING SITE FOR PAD. SOIL UNDERNEATH PADS SHALL BE LEVELED AND COMPACTED. SOIL SHALL ALSO BE FREE OF ROOTS AND OTHER ORGANIC MATERIALS TO PREVENT SETTLING AND EROSION. SOD MAY BE REQUIRED AROUND PAD TO PREVENT SOIL EROSION.
7. PROVIDE SMOOTH GRANULAR FILL TO A HEIGHT OF 6" FROM THE BOTTOM OF THE PIT. ALL CONDUITS SHALL BE CUT TO A LEVEL 6" ABOVE THIS GRANULAR FILL.
8. CUSTOMER SHALL INSTALL THE CONDUIT FOR THE PRIMARY CONDUCTORS AS CLOSE TO THE CENTER OF THE PRIMARY AREA AS PRACTICAL. THE SECONDARY CONDUITS SHALL BE INSTALLED TO THE RIGHT INSIDE THE SECONDARY AREA. SEE SERVICE GUIDE FOR PAD INSTALLATION DETAILS AND SPECIFICATIONS.
9. OTHER UTILITIES SHALL NOT BE INSTALLED UNDER TRANSFORMER PAD. SEE FIGURE 101 FOR MINIMUM CABLE CLEARANCES.

REVISED		BY	CHK'D	APPR.
3				
2				
1				
0	2/21/19	DIETERLE	BRUENS	ADCOCK

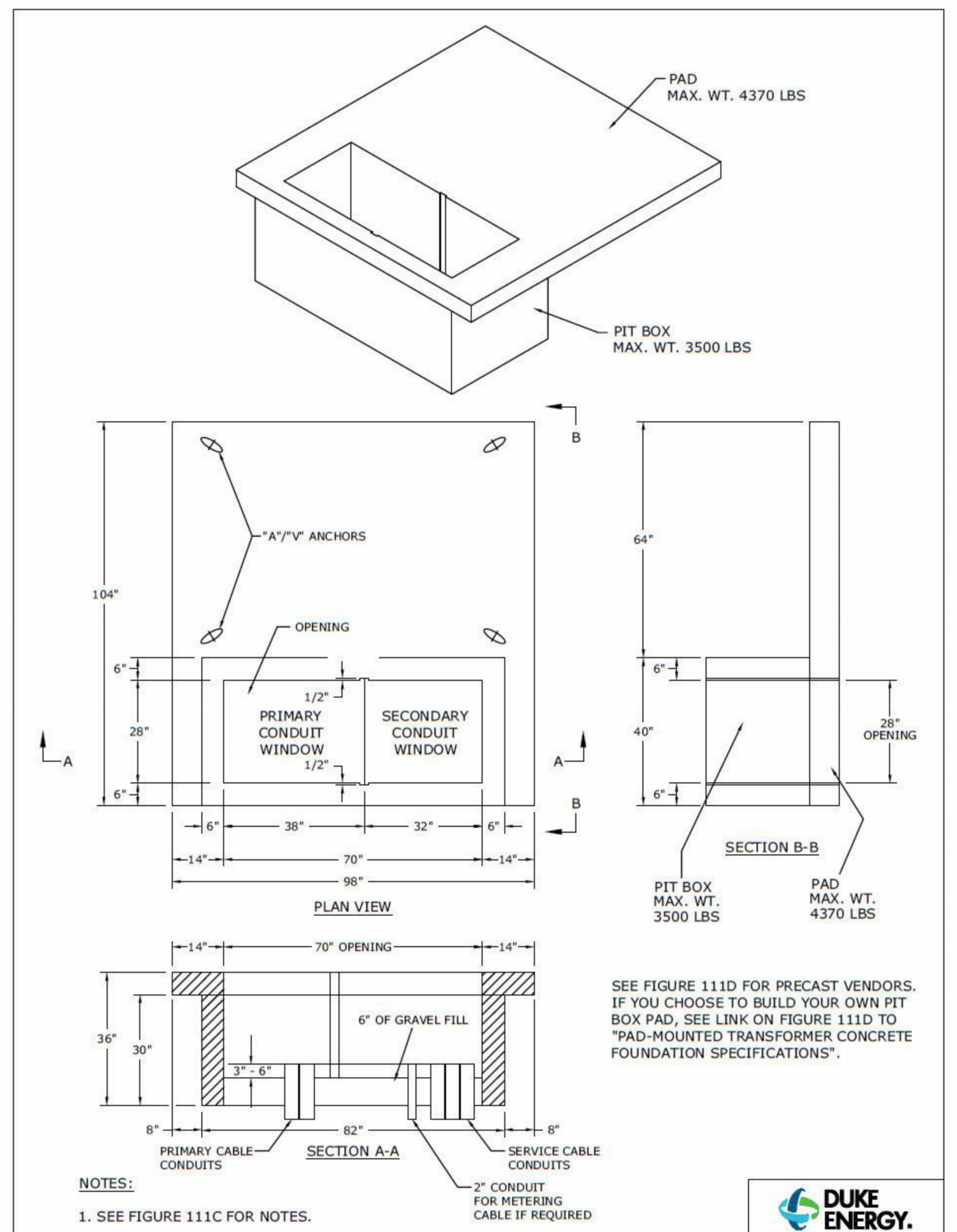
PIT BOX PAD INSTALLATION NOTES

DUKE ENERGY.

DEC	DEM	DEP	DEF
	X		

FIG 111C

Shaded Text = Revisions. Δ = Text deletions and figure/table revisions. ● = Section deletions. *N* = New material



NOTES:

1. SEE FIGURE 111C FOR NOTES.

REVISED		BY	CHK'D	APPR.
3				
2	8/2/22	DIETERLE	BRUENS	GRAHAM
1	3/11/21	DIETERLE	BRUENS	GRAHAM
0	2/21/19	DIETERLE	BRUENS	ADCOCK

LARGE PIT BOX PAD FOR THREE-PHASE 500 - 2500 KVA 15 KV AND BELOW PAD-MOUNTED TRANSFORMERS AND ALL 35KV PAD-MOUNTED TRANSFORMERS

DUKE ENERGY.

DEC	DEM	DEP	DEF
	X		

FIG 111B

Shaded Text = Revisions. Δ = Text deletions and figure/table revisions. ● = Section deletions. *N* = New material

▲

INSTALLATION REQUIREMENTS:

1. ACCEPTANCE: THE COMPANY RESERVES THE RIGHT TO REFUSE SERVICE TO NEW INSTALLATIONS THAT DO NOT MEET DUKE ENERGY REQUIREMENTS AND MAY ELECT TO REMOVE EXISTING SERVICE CABLES IF THE CUSTOMER FAILS TO PROVIDE ADEQUATE MAINTENANCE TO CUSTOMER OWNED FACILITIES.
2. LOCATION: DUKE ENERGY SHALL BE RESPONSIBLE FOR DETERMINING THE FINAL LOCATION FOR THE TRANSFORMER PAD. THE CUSTOMER SHALL PROVIDE A LEVEL LOCATION FOR A PAD-MOUNTED TRANSFORMER INSTALLATION AS DIRECTED BY THE COMPANY. THE TRANSFORMER MUST BE LOCATED ADJACENT TO AND WITHIN 10 FEET OF A DRIVEWAY OR OTHER AREA ACCESSIBLE TO DUKE ENERGY CONSTRUCTION AND MAINTENANCE EQUIPMENT. THERE MUST BE AT LEAST 3 FEET OF CLEARANCE BETWEEN CUSTOMER EQUIPMENT OR LANDSCAPING AND THE SIDE OF THE TRANSFORMER (OR TRANSFORMER PAD) AND 10 FEET OF CLEARANCE TO THE FRONT OF THE TRANSFORMER (OR TRANSFORMER PAD). SEE FIGURES 120 AND 121 FOR CLEARANCE DETAILS.
3. DESIGN: THE CUSTOMER IS RESPONSIBLE FOR CONSTRUCTING A TRANSFORMER PAD IN ACCORDANCE WITH DUKE ENERGY REQUIREMENTS SUITABLE FOR THE LARGEST TRANSFORMER THAT MAY BE REQUIRED. THE CUSTOMER SHOULD CONSIDER FROST ACTION, DRAINAGE AND LOCAL SOIL CONDITIONS WHEN DEVELOPING THE STRUCTURAL DESIGN OF THE TRANSFORMER PAD. SPECIFIC REQUIREMENTS INCLUDE:
   - CONCRETE TO BE AIR-ENTRAINED WITH A MINIMUM 28 DAYS COMPRESSIVE STRENGTH OF 3000 PSI.
   - THE TRANSFORMER PAD SHALL BE A MINIMUM OF 8" THICK. THE TOP SURFACE SHALL BE A MINIMUM OF 2" ABOVE THE SURROUNDING GRADE. REINFORCING STEEL IS REQUIRED AND SHALL BE AT LEAST #4 BARS OR LARGER. REINFORCING BARS SHALL BE INSTALLED A MINIMUM OF 6" AND A MAXIMUM 12" O.C. BOTH WAYS.
   - THE TRANSFORMER PAD SHALL BE INSTALLED ON A 6" DEEP, COMPACTIBLE CRUSHED STONE BASE CONSISTING OF STONES UP TO 2" DIA. DOWN TO DUST.
   - THE SURFACE OF THE TRANSFORMER PAD SHALL BE FLAT, SMOOTH AND LEVEL WITHIN 1" IN ALL DIRECTIONS.
   - THE EDGE OF THE TRANSFORMER PAD SHALL HAVE A 1" BEVEL FORMED INTO THE TOP EDGE.
4. MATERIALS AND LABOR: THE CUSTOMER SHALL PROVIDE ALL MATERIALS AND EXCAVATION LABOR NECESSARY TO INSTALL THE TRANSFORMER PAD. THIS INCLUDES: EXCAVATION, BACKFILLING, INSTALLATION OF CONDUIT AND CONDUIT ACCESSORIES, BUILDING FORMS, POURING AND FINISHING CONCRETE, ETC.
5. CONDUIT: THE CUSTOMER SHALL INSTALL, OWN AND MAINTAIN THE CONDUIT SYSTEM INCLUDING DUCT, MANHOLES, CABLE PITS AND TRANSFORMER FOUNDATIONS, ETC. IT SHALL BE INSTALLED IN ACCORDANCE WITH DUKE ENERGY STANDARDS. THE CONDUIT SHALL BE MADE FROM POLYVINYL CHLORIDE (PVC) AND SUITABLE FOR USE WITH UNDERGROUND ELECTRIC DISTRIBUTION CABLES RATED AT 90°C. ALL CONDUITS SHALL HAVE A UL LISTING AND A SCHEDULE 40 (SCH 40) RATING CLEARLY PRINTED ON THE EXTERIOR SURFACE. DUKE ENERGY WILL SPECIFY THE INSIDE DIAMETER SIZE OF THE PRIMARY CABLE CONDUITS. ALL BENDS SHALL BE 90° "SWEEP" BENDS WITH A MINIMUM RADIUS OF 36". CONDUIT MAY BE DIRECT BURIED IF LOCAL PERMITTING AUTHORITIES WILL ALLOW DIRECT BURIED CONDUIT SYSTEMS. ALL CONDUITS SHALL HAVE A PULL STRING INSTALLED. ALL CONDUITS SHALL BE CAPPED TO PREVENT DEBRIS FROM ENTERING THE CONDUIT.
6. THE CONDUIT ENTERING INTO THE PRIMARY AREA & SECONDARY AREA OF THE PAD OPENING SHALL NOT EXTEND ABOVE THE TOP SURFACE OF THE CONCRETE PAD (CONDUIT MUST BE FLUSH WITH TOP SURFACE).
7. THE MAXIMUM NUMBER OF CONDUITS ENTERING INTO THE SECONDARY AREA OF THE PAD OPENING SHALL BE (12) (4" DIA.) UNLESS SPECIFICALLY APPROVED BY ENGINEERING AND CONSTRUCTION PLANNING.
8. REFERENCE FIG. 110 TO DETERMINE IF CURBING AND ABSORPTION BED IS REQUIRED.
9. PROTECTIVE BOLLARDS ARE REQUIRED WHEN TRANSFORMERS ARE EXPOSED TO VEHICLE TRAFFIC. SEE FIGURES 122A & B FOR PROTECTIVE BOLLARD DETAILS.
10. OTHER UTILITIES SHALL NOT BE INSTALLED UNDER TRANSFORMER PAD. SEE FIG. 101 FOR MINIMUM CABLE CLEARANCES.
11. IN LIEU OF CASTING THIS PAD IN PLACE, A PRECAST PAD MAY BE AVAILABLE FROM OLD CASTLE PRECAST OR KOI PRECAST. SEE FIG. 111D FOR CONTACT INFORMATION.

REVISED		BY	CHK'D	APPR.
3				
2	11/20/23	DIETERLE	BRUENS	GRAHAM
1	9/21/23	DIETERLE	BRUENS	GRAHAM
0	2/18/22	GORLEY	-	-

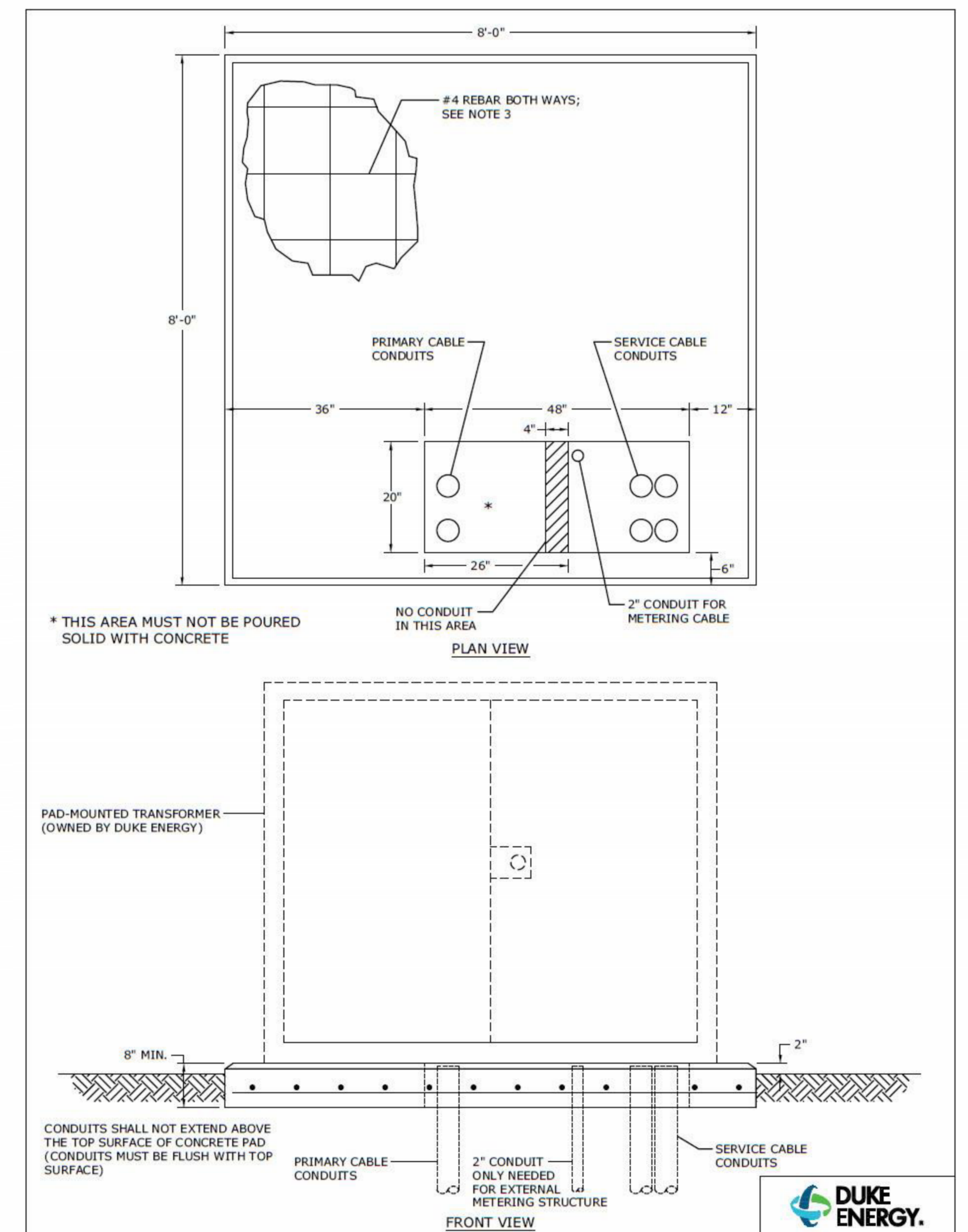
CUSTOMER-INSTALLED FLAT PADS FOR THREE-PHASE PAD-MOUNTED TRANSFORMERS 75 - 3000 KVA

DUKE ENERGY.

DEC	DEM	DEP	DEF
	X		

FIG 112B

Shaded Text = Revisions. Δ = Text deletions and figure/table revisions. ● = Section deletions. *N* = New material



REVISED		BY	CHK'D	APPR.
3				
2				
1	11/20/23	DIETERLE	BRUENS	GRAHAM
0	2/22/22	GORLEY	-	-

CUSTOMER-INSTALLED FLAT PADS FOR THREE-PHASE PAD-MOUNTED TRANSFORMERS 75 - 3000 KVA

DUKE ENERGY.

DEC	DEM	DEP	DEF
	X		

FIG 112A

Shaded Text = Revisions. Δ = Text deletions and figure/table revisions. ● = Section deletions. *N* = New material

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Phone: (317) 634-4672
Fax: (317) 638-8725

PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	LPC	TEH

DRAWING TITLE:
DETAILS - ELECTRICAL

CERTIFIED BY:
TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
E404

PROJECT NUMBER
2023061

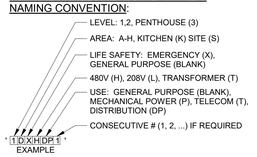
GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.

(#) PLAN NOTES:

1. REFER TO DISTRIBUTION TRANSFORMER GROUNDING DETAIL FOR WIRE SIZES.
2. 30 kVA TRANSFORMER. SQUARE D 30T2FSS SERIES.
3. 5 kVA RESIN ENCAPSULATED TRANSFORMER. SQUARE D 4X5S40FSS SERIES. SEE E100 FOR ADDITIONAL INFORMATION.
4. FEEDER SIZE INCREASED FOR VOLTAGE DROP: 2 #4, 1 #4 GND, 1-1/4" C.
5. LOADCENTER. SEE E100 FOR ADDITIONAL INFORMATION.
6. NON-METALLIC, NON-FUSIBLE SWITCH. SEE E100 FOR ADDITIONAL INFORMATION.
7. FEEDER SIZE INCREASED FOR VOLTAGE DROP: 4 #4/0, 1 #4/0 GND, 2-1/2" C.
8. FEEDER SIZE INCREASED FOR VOLTAGE DROP: 4 #350 MCM, 1 #350 MCM GND, 3" C.
9. FEEDER SIZE INCREASED FOR VOLTAGE DROP: 4 #500 MCM, 1 #500 MCM GND, 3-1/2" C.
10. PANELBOARD PROVIDED BY PRESSBOX MANUFACTURER.
11. SEE GROUNDING DETAIL ON E401.
12. 15 kVA TRANSFORMER. SQUARE D 15T2FSS SERIES.

TYPICAL PANEL AND TRANSFORMER NAMING CONVENTION:



SINGLE-LINE DIAGRAM - MSB-L - ELECTRICAL

SCALE: NONE

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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The Trade Contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	LPC	TEH

DRAWING TITLE:
SINGLE-LINE DIAGRAM - MSB-L - ELECTRICAL

CERTIFIED BY:
TIMOTHY E. HILL
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No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER
Timothy E. Hill 8/09/2024

DRAWING NUMBER
E501

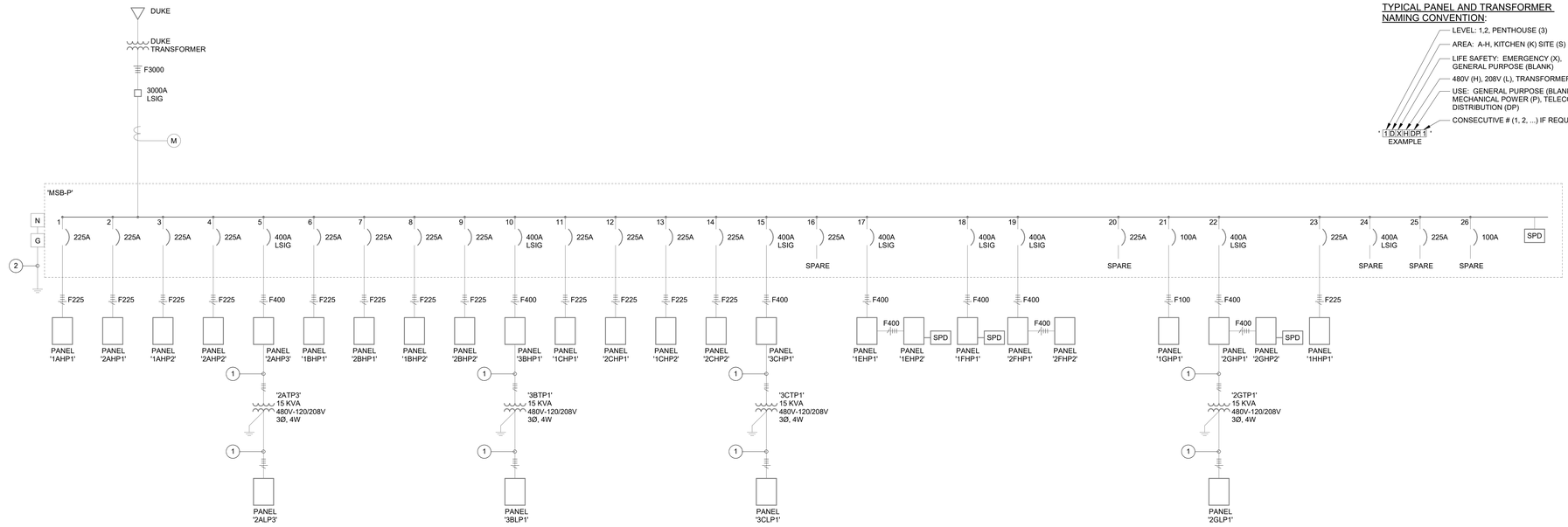
PROJECT NUMBER
2023061

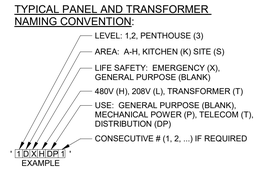
GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.

PLAN NOTES:

1. REFER TO DISTRIBUTION TRANSFORMER GROUNDING DETAIL FOR WIRE SIZES.
2. SEE GROUNDING DETAIL ON E401.





ELECTRICAL SINGLE-LINE DIAGRAM - MSB-P - ELECTRICAL

SCALE: NONE

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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	LPC	TEH

DRAWING TITLE:
SINGLE-LINE DIAGRAM - MSB-P - ELECTRICAL

CERTIFIED BY:
TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
E502

PROJECT NUMBER
2023061

EXTERIOR LIGHT FIXTURE SCHEDULE

MARK	DESCRIPTION	MOUNTING	WATTS	CRI	COLOR	LUMENS	VOLTS	MANUFACTURER(S)	MARK
FA	4-INCH SURFACE MOUNT LED DOWNLIGHT, WET LOCATION LISTED, DIE-CAST ALUMINUM TRIM RING, DIE FORMED ALUMINUM FRAME, MATTE WHITE FINISH, ARCHITECT TO CONFIRM FINISH.	SURFACE	9 W	80	4000K	600	120-277V	PRESCOLITE LBSD-RD SERIES JUNO JSF-5IN SERIES LUMINOSO DL-4-RD SERIES LUMINATION LDED R4 SERIES MP LIGHTING L133 SERIES	FA
FC3	CAST ALUMINUM FIXTURE, FULL-CUTOFF, POWDERCOATED FINISH, TYPE 3 DISTRIBUTION, NUMBER OF FIXTURE HEADS AS INDICATED, WET LOCATION LISTED, 25-FOOT TALL SQUARE NON-TAPERED 5" x 5" MIN, 7 GAUGE MIN, STEEL POLE, POWDERCOAT, FINISH TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S CATALOG OF STANDARD FINISHES.	POLE	187 W	70	4000K	25002/HEAD	120-277V	LITHONIA RSX2 SERIES HUBBELL AIRO SERIES LUMARK PREVAIL SERIES LUMECON LDS-SAL SERIES	FC3
FC4	CAST ALUMINUM FIXTURE, FULL-CUTOFF, POWDERCOATED FINISH, TYPE 4 DISTRIBUTION, NUMBER OF FIXTURE HEADS AS INDICATED, WET LOCATION LISTED, 25-FOOT TALL SQUARE NON-TAPERED 5" x 5" MIN, 7 GAUGE MIN, STEEL POLE, POWDERCOAT, FINISH TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S CATALOG OF STANDARD FINISHES.	POLE	187 W	70	4000K	25329/HEAD	120-277V	LITHONIA RSX2 SERIES HUBBELL AIRO SERIES LUMARK PREVAIL SERIES LUMECON LDS-SAL SERIES	FC4
FC5	CAST ALUMINUM FIXTURE, FULL-CUTOFF, POWDERCOATED FINISH, TYPE 5 DISTRIBUTION, NUMBER OF FIXTURE HEADS AS INDICATED, WET LOCATION LISTED, 25-FOOT TALL SQUARE NON-TAPERED 5" x 5" MIN, 7 GAUGE MIN, STEEL POLE, POWDERCOAT, FINISH TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S CATALOG OF STANDARD FINISHES.	POLE	187 W	70	4000K	25669/HEAD	120-277V	LITHONIA RSX2 SERIES HUBBELL AIRO SERIES LUMARK PREVAIL SERIES LUMECON LDS-SAL SERIES	FC5
FD3	CAST ALUMINUM FIXTURE, FULL-CUTOFF, POWDERCOATED FINISH, TYPE 3 DISTRIBUTION, WET LOCATION LISTED, 16-FOOT TALL SQUARE NON-TAPERED 5" x 5" MIN, 7 GAUGE MIN, STEEL POLE, POWDERCOAT, FINISH TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S CATALOG OF STANDARD FINISHES.	POLE	71 W	70	4000K	10005/HEAD	120-277V	LITHONIA RSX2 SERIES HUBBELL AIRO SERIES LUMARK PREVAIL SERIES LUMECON LDS-SAL SERIES	FD3
FE	38.25-INCH TALL, 8.75-INCH ROUNDED BOLLARD, CAST ALUMINUM WITH GALVANIZED STEEL BASE PLATE, INTEGRAL DRIVER, IP66 RATED, FINISH TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S CATALOG OF STANDARD FINISHES.	CONCRETE BASE	11 W	70	4000K	560	120-277V	LANDSCAPE FORMS FGP SERIES	FE
FJ	SIGN LIGHT FIXTURE, STATIC WHITE ARCHITECTURAL FLOOD, HORIZONTAL FLOOD OPTICS, IP66 RATED, HALF GLARE SHIELD.	ON-GRADE	20 W	70	4000K	2000	120-277V	KIM LIGHTING KFL1 SERIES WILLIAMS VF1 SERIES	FJ
FL	FLAGPOLE FIXTURE, 10-INCH ON-GRADE ADJUSTABLE FLOOD, WEATHERED IRON FINISH, MEDIUM FLOOD OPTICS, WET LOCATION LISTED. PROVIDE CONCRETE BASE.	SURFACE/ SURFACE WALL	49 W	70	4000K	3500	120-277V	VISTA 1059-WI-MF-40-E-MV-010 LIGMAN UOD SERIES HYDREL TPS2 SERIES	FL
FN	ARCHITECTURAL WALL PACK, FULL CUT-OFF, WET LOCATION LISTED, INTEGRAL BATTERY WITH HEATER (-20F), INTEGRAL PHOTOCELL, FINISH TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S CATALOG OF STANDARD COLORS.	SURFACE WALL	40 W	70	3500K	4000	120-277V	HUBBELL SG SERIES LITHONIA WPX SERIES LUMARK XTOR SERIES	FN

INTERIOR LIGHT FIXTURE SCHEDULE

MARK	DESCRIPTION	MOUNTING	WATTS	CRI	COLOR	LUMENS	VOLTS	MANUFACTURER(S)	MARK
F1-4	LINEAR 1-INCH WIDE, 4' LENGTH T-BAR MOUNTED LED, FROSTED LENS, WHITE HOUSING, 0-10V DIMMING, VERIFY EXACT CEILING SPECIFICATIONS WITH ARCHITECT PRIOR TO ORDERING FIXTURE.	SURFACE	6.6W/FT	80	3500K	900/FT	120-277V	VODE ZIPTWO MICRO 3508 SO ARON EZT SERIES XICO NSQ95 SERIES QTL VERS-FLUSH (02) SW SERIES SCOUT SS-O SERIES	F1-4
F1-4E	SAME AS 'F1-4' EXCEPT LENGTH, WITH EMERGENCY BATTERY INVERTER.	SURFACE	10W/FT	80	3500K	720/FT	120-277V		F1-4E
F1-6	SAME AS 'F1-4' EXCEPT LENGTH.	SURFACE	6.6W/FT	80	3500K	900/FT	120-277V		F1-6
F1-8	SAME AS 'F1-4' EXCEPT LENGTH.	SURFACE	6.6W/FT	80	3500K	900/FT	120-277V		F1-8
F1-8E	SAME AS 'F1-4' EXCEPT LENGTH, WITH EMERGENCY BATTERY INVERTER.	SURFACE	6.6W/FT	80	3500K	900/FT	120-277V		F1-8E
F1-12	SAME AS 'F1-4' EXCEPT LENGTH.	SURFACE	6.6W/FT	80	3500K	900/FT	120-277V		F1-12
F1-12E	SAME AS 'F1-4' EXCEPT LENGTH, WITH EMERGENCY BATTERY INVERTER.	SURFACE	6.6W/FT	80	3500K	900/FT	120-277V		F1-12E
F1P-4	LINEAR 1-INCH WIDE, 4' LENGTH AIRCRAFT CABLE, FROSTED LENS, WHITE HOUSING, 0-10V DIMMING, VERIFY EXACT CEILING SPECIFICATIONS WITH ARCHITECT PRIOR TO ORDERING FIXTURE.	SUSPENDED	6.6W/FT	80	3500K	900/FT	120-277V	VODE ZIPTWO SQUARE 3520 SO VERS-03-SK-SW SERIES	F1P-4
F1P-8	SAME AS TYPE 'F1P-4 EXCEPT LENGTH, WITH EMERGENCY BATTERY INVERTER.	SUSPENDED	6.6W/FT	80	3500K	900/FT	120-277V		F1P-8
F3-4	6" BY 48" LINEAR, T-BAR MOUNTED LED, MEDIUM DISTRIBUTION	RECESSED	30.7 W	80	3500K	1000/FT	120-277V	WILLIAMS LL6G SERIES LUMENWERX VIA 5 SERIES AXIS BEAM6 SERIES MARK SLOT6 SERIES VODE NEXA SERIES	F3-4
F3-4E	SAME AS 'F3-4' EXCEPT LENGTH, WITH EMERGENCY BATTERY INVERTER.	RECESSED	30.7 W	80	3500K	1000/FT	120-277V		F3-4E
F3-8	SAME AS 'F3-4" EXCEPT LENGTH	RECESSED	30.7 W	80	3500K	500/FT	120-277V		F3-8
F10-4	LINEAR 3.25-INCH WIDE, SECTIONS OF 4-FOOT LENGTHS, REMOTE DRIVER WITH EXTENDED DRIVER TO FIXTURE OPTION, WHITE ACRYLIC DIFFUSER, BLACK FINISH, 0-10V DIMMING TO 10-PERCENT. MOUNT REMOTE DRIVER ABOVE ACCESSIBLE CEILING. PROVIDE ALL ACCESSORIES REQUIRED FOR INTEGRATION WITH WOOD SLAT CEILING SYSTEM. VERIFY EXACT CEILING SPECIFICATIONS WITH ARCHITECT PRIOR TO ORDERING FIXTURE.	SUSPENDED	7.1W/FT	80	3500K	720/FT	120-277V	FINELITE HP-4 D SERIES FOCAL POINT FSM4LS SERIES MERCURY MLS3-M SERIES PINNACLE EX3D SERIES NULITE REGOLO 4 SERIES	F10-4
F10-8	SAME AS 'F10-4' EXCEPT LENGTH.	SUSPENDED	7.1W/FT	80	3500K	720/FT	120-277V		F10-8
F10-12	SAME AS 'F10-4' EXCEPT LENGTH.	SUSPENDED	7.1W/FT	80	3500K	720/FT	120-277V		F10-12
F10-16	SAME AS 'F10-4' EXCEPT LENGTH.	SUSPENDED	7.1W/FT	80	3500K	720/FT	120-277V		F10-16
F10-20	SAME AS 'F10-4' EXCEPT LENGTH.	SUSPENDED	7.1W/FT	80	3500K	720/FT	120-277V		F10-20
F10EM	SAME AS TYPE 'F10'. 4' LENGTH WITH INTEGRAL EMERGENCY BATTERY INVERTER.	SUSPENDED	7.1W/FT	80	3500K	720/FT	120-277V		F10EM
F11-4	LINEAR 4-INCH WIDE BY LENGTH INDICATED, WHITE DIFFUSER, VERTICAL ORIENTATION, 0-10V DIMMING TO 10-PERCENT, NON-IC RATED.	SURFACE	7.1W/FT	80	3500K	725/FT	120-277V	FINELITE HP-4 R SERIES FOCAL POINT FSM4L SERIES PINNACLE E4A SERIES MERCURY MLS4-G	F11-4
F11-6	SAME AS 'F11-4' EXCEPT LENGTH.	RECESSED	7.1W/FT	80	3500K	725/FT	120-277V		F11-6
F11-8	SAME AS 'F11-4' EXCEPT LENGTH.	RECESSED	7.1W/FT	80	3500K	725/FT	120-277V		F11-8
F11-10	SAME AS 'F11-4' EXCEPT LENGTH.	RECESSED	7.1W/FT	80	3500K	725/FT	120-277V		F11-10
F12	2' LENGTH HEAVY-GAUGE ALUMINUM EXTRUSION, RIVETED WIRE BASKET 6" STANDARD SPACING. FINISH TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S CATALOG OF STANDARD FINISHES.	SURFACE	20W/FT	80	3500K	725/FT	120-277V	TIVOLI WB SERIES	F12
F13	SAME AS 'F12' EXCEPT LENGTH IS 15' 3"	SUSPENDED	20W/FT	80	3500K	725/FT	120-277V	TIVOLI WB SERIES	F13
F32	OPEN DOWNLIGHT, 6-INCH DIAMETER APERTURE, CLEAR SEMI-SPECULAR REFLECTOR, SELF FLANGED, 0-10V DIMMING TO 10-PERCENT, NON-IC RATED.	RECESSED	13.3 W	80	3500K	1500	120-277V	HALO COMMERCIAL HC6 SERIES PRESCOLITE LBRST6 SERIES LITHONIA LDN6 SERIES WILLIAMS LD6 SERIES ELCO E6 SERIES	F32
F33	6-INCH DIAMETER CYLINDRICAL APERTURE, RECESSED JUNCTION BOX, CLEAR SEMI-SPECULAR REFLECTOR, 0-10V DIMMING TO 10-PERCENT, NON-IC RATED.	SURFACE	17 W	80	3500K	1500	120-277V	HALO COMMERCIAL HCC6 SERIES GOTHAM EVO6SD SERIES PRESCOLITE LTC-6RDW SERIES WILLIAMS 6CR SERIES ELCO LIGHTING ESF6 SERIES	F33
F33E	SAME AS TYPE 'F32', WITH EMERGENCY BATTERY INVERTER.	SURFACE	17 W	80	3500K	1500	120-277V		F33E
F40	WALL BRACKET 4-FOOT, INTEGRAL SENSOR, BI-LEVEL, PAINTED AFTER FABRICATION.	SURFACE WALL	51 W	80	3500K	5000	120-277V	COLUMBIA ESL SERIES LITHONIA WL4 SERIES MERCURY L455 SERIES METALUX SWLED WILLIAMS SLF SERIES	F40
F40E	SAME AS TYPE 'F40', WITH EMERGENCY BATTERY INVERTER	SURFACE WALL	51 W	80	3500K	5000	120-277V		F40E
F60	4-FOOT LENSED INDUSTRIAL, FORMED STEEL HOUSING, WHITE FINISH, SEMI-FROST ACRYLIC DIFFUSER, 4' SYMMETRIC REFLECTOR.	SURFACE/ CHAIN HUNG	26.5 W	80	4000K	3300	120-277V	COLUMBIA MPS SERIES LITHONIA ZL1D SERIES METALUX SNLED SERIES WILLIAMS 75R SERIES MOBERN LIGHTING 1FSF SERIES	F60
F60E	SAME AS 'F-60' WITH BATTERY BACKUP	SURFACE/ CHAIN HUNG	26.5 W	80	4000K	3300	120-277V		F60E
F61	4-FOOT LENSED INDUSTRIAL, FORMED STEEL HOUSING, WHITE FINISH, SEMI-FROST ACRYLIC DIFFUSER.	SURFACE WALL	26.5 W	80	4000K	3300	120-277V	COLUMBIA MPS SERIES LITHONIA ZL1D SERIES METALUX SNLED SERIES WILLIAMS 75R SERIES	F61
F62	9-INCH TALL ENCLOSED GASKETED INDUSTRIAL "JELLY JAR", WIREGUARD, BLACK FINISH, BLUE LED RETROFIT LAMP.	SURFACE/ SURFACE WALL	12 W	80	BLUE	800	120-277V	LITHONIA VAPOR TIGHT LED SERIES BLUE LED DIMMABLE RETROFIT LAMP OR APPROVED EQUAL	F62
F72	LINEAR 1-INCH WIDE, SURFACE MOUNT, ALUMINUM EXTRUSION, STATIC WHITE LED, OPTICAL 90 DEGREE LENS, REMOTE 24V DRIVER, 0-10V DIMMING	SURFACE	3W/FT	80	3500K	250/FT	120-277V	QTL OP2SW SERIES ACOLYTE RB SERIES KLUS K-3035-O SERIES LUMINII KENDO L SERIES	F72
F73	LINEAR 1-INCH WIDE, SURFACE MOUNT, ALUMINUM EXTRUSION, STATIC WHITE LED, OPTICAL 90 DEGREE LENS, REMOTE 24V DRIVER, 0-10V DIMMING	RECESSED	3W/FT	80	3500K	250/FT	120-277V	QTL MDIN SERIES ACOLYTE RB SERIES BEULUX JB01 SERIES KELVIX CH-0001 SERIES SCOUT SS-MD SERIES	F73
F80	HIGH BAY FIXTURE, 80 CRI, WHITE FINISH, MEDIUM DISTRIBUTION, FROSTED GLASS OPTIC, WIRE GUARD, SAFETY HOOK, AND 3-FOOT CHAIN.	SUSPENDED	125 W	80	3500K	18000	120-277V	COLUMBIA CRB SERIES COLUMBIA CRN2 SERIES LITHONIA JCBL SERIES CREE KBL SERIES	F80
F81	SAME AS FIXTURE 'F80,' EXCEPT OUTPUT.	SUSPENDED	90 W	80	3500K	12000	120-277V	HUBBELL LBX SERIES COLUMBIA CRN2 SERIES LITHONIA JCBL SERIES CREE KBL SERIES	F81
F82	4-INCH SURFACE MOUNT LED DOWNLIGHT, WET LOCATION LISTED, DIE-CAST ALUMINUM TRIM RING, DIE FORMED ALUMINUM FRAME, MATTE WHITE FINISH, ARCHITECT TO CONFIRM FINISH.	RECESSED	16.4 W	80	3500K	1000	120-277V	HALO SLD4 SERIES	F82
F83	4-FOOT INDUSTRIAL, WET-LOCATION LISTED, GASKETED, NON-METALLIC HOUSING, RIBBED FROSTED ACRYLIC SHIELDING, STAINLESS STEEL LATCHES.	SURFACE	42 W	80	3500K	5000	120-277V	PRESCOLITE LBSLEDA10L SERIES HALO SLD612 SERIES JUNO 6RLS SERIES ELITE RL678 SERIES BARRON VPA SERIES	F83
F91A	2 BY 2-FOOT FLAT PANEL, ACRYLIC LENS, 0-10V DIMMING TO 10-PERCENT, COLOR CHANGING RGBW WITH REMOTE	RECESSED	22/31/41 W	80	35/40/50K	2400/3300/4400	120-277V	BARRON RGBWFP22	F91A
F92	2 BY 4-FOOT BACKLIT FLAT PANEL, SELECTABLE LUMEN PACKAGES AND COLOR TEMPERATURE, ACRYLIC LENS, 0-10V DIMMING TO 10-PERCENT. SET SELECTABLE LUMEN PACKAGE TO 4000 LUMEN UNLESS OTHERWISE SPECIFIED.	RECESSED	36/45/55 W	80	35/40/50K	4000/5000/6000	120-277V	COLUMBIA CBT24 SERIES LITHONIA CPX24 SERIES METALUX 24CGT SERIES WILLIAMS BP SERIES BARRON LPX-24 SERIES	F92
F92E	2 BY 4-FOOT BACKLIT FLAT PANEL, BATTERY BACKUP, ACRYLIC LENS, 0-10V DIMMING TO 10-PERCENT	RECESSED	36/45/55 W	80	35/40/50K	4000/5000/6000	120-277V		F92E
X1C	THERMOPLASTIC EXIT SIGN, WHITE HOUSING, SELF POWERED, SELF DIAGNOSTIC.	UNIVERSAL	5 W	80	GREEN	N/A	120-277V	DUAL-LITE EVE SERIES SURE-LITE APX SERIES LITHONIA LQM SERIES LSL LSXS SERIES MULE UX SERIES	X1C
X1W	THERMOPLASTIC EXIT SIGN, WHITE HOUSING, SELF POWERED, SELF DIAGNOSTIC.	UNIVERSAL	5 W	80	GREEN	N/A	120-277V	DUAL-LITE EVE SERIES SURE-LITE APX SERIES LITHONIA LQM SERIES LSL LSXS SERIES MULE UX SERIES	X1W
X2W	EXTERIOR HIGH ABUSE, COLD WEATHER EXIT SIGN, WHITE HOUSING, SELF POWERED, SELF DIAGNOSTIC.	SURFACE WALL	5 W	80	GREEN	N/A	120-277V	DUAL-LITE SEWL SERIES SURE-LITES LPXW SERIES LITHONIA DLTLX SERIES LSL LSWLEZXTEU SERIES MULE WLMX SERIES	X2W
X4	EMERGENCY LIGHTING UNIT, 90-MINUTE EMERGENCY CAPACITY, DAMP LOCATION LISTED, SELF DIAGNOSTIC.	SURFACE WALL	5 W	80	WHITE	N/A	120-277V	DUAL-LITE EV SERIES SURE-LITES SEL25 SERIES LITHONIA ELM2 SERIES LSL LSLEDEM SERIES MULE SQ-80-LED SERIES	X4

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	MSD	TEH

DRAWING TITLE:
SCHEDULES - LIGHTING

CERTIFIED BY:
TIMOTHY E. HILL REGISTERED No. PE19800083 STATE OF INDIANA PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
E601

PROJECT NUMBER
2023061

1FLDSB1 — SWITCHBOARD SCHEDULE

LOCATION: MAIN ELEC. F115	**SCCR (AMPS RMS SYMM):** 100,000	**SERVICE:** 208Y/120V 3Φ 4-Wire+Ground	
MAIN: 1000A LSIG	**ENCLOSURE:** NEMA 1	**MOUNTING:** PAD	

NO.	DESCRIPTION	NOTE	RATING	POLES	PHASE A	PHASE B	PHASE C
1	PANELBOARDS '1KL1' AND '1KL3'		225 A	3	186 A	192 A	191 A
2	PANELBOARDS '1KL2' AND '1KL4'		225 A	3	181 A	177 A	186 A
3	PANELBOARD '1FL1'		225 A	3	59 A	47 A	53 A
4	PANELBOARD '1HL2'		225 A	3	6 A	14 A	14 A
5	PANELBOARD '1DL2'		225 A	3	255 A	263 A	204 A
6	PANELBOARD '1GL3'		225 A	3	3 A	13 A	2 A
7	PANELBOARD 'ALDP'		225 A	3	6 A	2 A	4 A
8	PANELBOARD 'LRPA'		225 A	3	28 A	22 A	18 A
9	PANELBOARD 'LRPB'		225 A	3	12 A	12 A	10 A
10	SPARE		225 A	3	--	--	--
11	SPARE		225 A	3	--	--	--

TOTAL CONNECTED LOAD (VA): 256297 VA
TOTAL CONNECTED LOAD (A): 711 A

REMARKS:
INTEGRAL SPD.

NOTES:

MSB-P — SWITCHBOARD SCHEDULE

LOCATION: MAIN ELEC. F115	**SCCR (AMPS RMS SYMM):** 100000	**SERVICE:** 480Y/277V 3Φ 4-Wire+Ground	
MAIN: 3000 A LSIG	**ENCLOSURE:** NEMA 1	**MOUNTING:** PAD	

NO.	DESCRIPTION	NOTE	RATING	POLES	PHASE A	PHASE B	PHASE C
1	PANELBOARD '1AHP1'		225 A	3	81 A	81 A	81 A
2	PANELBOARD '2AHP1'		225 A	3	60 A	60 A	60 A
3	PANELBOARD '1AHP2'		225 A	3	84 A	84 A	84 A
4	PANELBOARD '2AHP2'		225 A	3	75 A	75 A	75 A
5	PANELBOARD '2AHP3'		400 A	3	194 A	194 A	198 A
6	PANELBOARD '1BHP1'		225 A	3	78 A	78 A	78 A
7	PANELBOARD '2BHP1'		225 A	3	78 A	78 A	78 A
8	PANELBOARD '1BHP2'		225 A	3	75 A	71 A	66 A
9	PANELBOARD '2BHP2'		225 A	3	78 A	78 A	78 A
10	PANELBOARD '3BHP1'		400 A	3	157 A	153 A	151 A
11	PANELBOARD '1CHP1'		225 A	3	87 A	87 A	87 A
12	PANELBOARD '2CHP1'		225 A	3	87 A	87 A	87 A
13	PANELBOARD '1CHP2'		225 A	3	84 A	84 A	84 A
14	PANELBOARD '2CHP2'		225 A	3	88 A	88 A	88 A
15	PANELBOARD '3CHP1'		400 A	3	190 A	183 A	181 A
16	SPARE		225 A	3	--	--	--
17	PANELBOARD '1EHP1'		400 A	3	154 A	154 A	141 A
18	PANELBOARD '1FHP1'		400 A	3	298 A	298 A	298 A
19	PANELBOARD '2FHP1'		400 A	3	326 A	342 A	321 A
20	SPARE		225 A	3	--	--	--
21	PANELBOARD '1GHP1'		100 A	3	15 A	15 A	15 A
22	PANELBOARD '2GHP1'		400 A	3	342 A	342 A	342 A
23	PANELBOARD '1HHP1'		225 A	3	138 A	138 A	138 A
24	SPARE		400 A	3	--	--	--
25	SPARE		225 A	3	--	--	--
26	SPARE		100 A	3	--	--	--

TOTAL CONNECTED LOAD (VA): 2288655 VA
TOTAL CONNECTED LOAD (A): 2753 A

REMARKS:
METER, INTEGRAL SPD.
400A BREAKERS ARE LSIG.

NOTES:

MSB-L — SWITCHBOARD SCHEDULE

LOCATION: MAIN ELEC. F115	**SCCR (AMPS RMS SYMM):** 100000	**SERVICE:** 480Y/277V 3Φ 4-Wire+Ground	
MAIN: 3000 A LSIG	**ENCLOSURE:** NEMA 1	**MOUNTING:** PAD	

NO.	DESCRIPTION	NOTE	RATING	POLES	PHASE A	PHASE B	PHASE C
1	PANELBOARD '1AH1'		225 A	3	89 A	82 A	73 A
2	PANELBOARD '2AH1'		225 A	3	61 A	57 A	59 A
3	PANELBOARD '1BH1'		225 A	3	85 A	71 A	72 A
4	PANELBOARD '2BH1'		225 A	3	71 A	58 A	55 A
5	PANELBOARD '1CH1'		225 A	3	86 A	78 A	76 A
6	PANELBOARD '2CH1'		225 A	3	70 A	60 A	55 A
7	PANELBOARD '1DH1'		225 A	3	30 A	40 A	38 A
8	PANELBOARD '2DH1'		225 A	3	105 A	123 A	96 A
9	TRANSFORMER '1DTT'		225 A	3	14 A	12 A	4 A
10	PANELBOARD '1EH1'		225 A	3	118 A	125 A	109 A
11	PANELBOARD '1FH1'		225 A	3	24 A	22 A	14 A
12	TRANSFORMER '1FT1'		450 A	3	318 A	320 A	294 A
13	PANELBOARD '2FH1'		225 A	3	37 A	31 A	25 A
14	PANELBOARD '1GH1'		225 A	3	102 A	107 A	105 A
15	PANELBOARD '2GH1'		225 A	3	41 A	25 A	34 A
16	PANELBOARD '1HH1'		225 A	3	37 A	47 A	39 A
17	PANELBOARD '1KH1'		225 A	3	339 A	336 A	329 A
18	PANELBOARD '1SHDP1'		600 A	3	318 A	302 A	295 A
19	ELEVATOR - UNIT D		100 A	3	34 A	34 A	34 A
20	ELEVATOR - UNIT G		100 A	3	34 A	34 A	34 A
21	SPARE		600 A	3	--	--	--
22	SPARE		450 A	3	--	--	--
23	SPARE		225 A	3	--	--	--
24	SPARE		225 A	3	--	--	--
25	SPARE		100 A	3	--	--	--
26	SPARE		100 A	3	--	--	--

TOTAL CONNECTED LOAD (VA): 1602249 VA
TOTAL CONNECTED LOAD (A): 1927 A

REMARKS:
METER, INTEGRAL SPD.
600A & 450A BREAKERS ARE LSIG.

NOTES:

1SHDP1 — PANELBOARD SCHEDULE

LOCATION : MAIN ELEC. F115 | **SCCR (AMPS RMS SYMM):** 35,000 | **SERVICE :** 480Y/277V 3Φ 4-Wire+Ground | **AMP :** 600 A | **MAIN :** MCB | **NEMA:** TYPE 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	EAST GEOTHERMAL PIT TRANSFORMER 'T-GP1'/PANEL 'GP1'		20 A	2	2500 / 0			1	--		PROVISION	2
3						2500 / 0		1	--		PROVISION	4
5	WEST GEOTHERMAL PIT TRANSFORMER 'T-GP2'/PANEL 'GP2'		20 A	2			2500 / 0	1	--		PROVISION	6
7					2500 / 0			1	--		PROVISION	8
9	SPARE		20 A	2		0 / 0		1	--		PROVISION	10
11							0 / 0	1	--		PROVISION	12
13					0 / 12022							14
15	SPARE		100 A	3		0 / 12022		3	100 A		TENNIS COURTS PANEL '1TH1'	16
17							0 / 11842					18
19	SOFTBALL FIELD PANEL '1SBH1'		100 A	3	15322 / 30279							20
21						14222 / 30447		3	150 A		FOOTBALL FIELD PANEL '1FBH1'	22
23							13940 / 29391					24
25	BASEBALL FIELD PANEL '1BBH1'		125 A	3	25294 / 0							26
27						24194 / 0		3	30 A		SURGE PROTECTION DEVICE (SPD)	28
29							24032 / 0					30
					TOTALS :	87916 VA	83384 VA	81704 VA				

TOTAL CONNECTED LOAD (VA) : 253005 VA
TOTAL CONNECTED LOAD (AMPS) : 304 A

REMARKS:

NOTES:

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	LPC	TEH

DRAWING TITLE:
SCHEDULES - PANELBOARDS - MAIN, SITE

CERTIFIED BY:
TIMOTHY E. HILL REGISTERED No. PE19800083 STATE OF INDIANA PROFESSIONAL ENGINEER
08/09/2024

DRAWING NUMBER
E611

PROJECT NUMBER
2023061

1AHP2 — PANELBOARD SCHEDULE

LOCATION : MECH A103 | **SCCR (AMPS RMS SYMM):** 35000 | **SERVICE :** 480Y/277V 3Ø 4-Wire+Ground | **AMP :** 225 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1					0 / 0							2
3	SPARE		15 A	3		0 / 0		3	15 A		SPARE	4
5							0 / 0					6
7					3435 / 2465							8
9	WSHP-A118 MECH A103		20 A	3		3435 / 2465		3	15 A		WSHP-A129 MECH A103	10
11							3435 / 2465					12
13					2465 / 2465							14
15	WSHP-A115 MECH A103		15 A	3		2465 / 2465		3	15 A		WSHP-A101 MECH A103	16
17							2465 / 2465					18
19					2465 / 2465							20
21	WSHP-A105 MECH A103		15 A	3		2465 / 2465		3	15 A		WSHP-D114 MECH A103	22
23							2465 / 2465					24
25					2465 / 0							26
27	WSHP-A109 MECH A103		15 A	3		2465 / 0		3	15 A		SPARE	28
29							2465 / 0					30
31					2465 / 0							32
33	WSHP-A113 MECH A103		15 A	3		2465 / 0		3	15 A		SPARE	34
35							2465 / 0					36
37					2465 / 0							38
39	WSHP-A125 MECH A103		15 A	3		2465 / 0		3	20 A		SPARE	40
41							2465 / 0					42

TOTALS :	23158 VA	23158 VA	23158 VA

TOTAL CONNECTED LOAD (VA) : 69473 VA | **TOTAL CONNECTED LOAD (AMPS) :** 84 A

REMARKS:

NOTES:

1AHP1 — PANELBOARD SCHEDULE

LOCATION : MECH A102 | **SCCR (AMPS RMS SYMM):** 35000 | **SERVICE :** 480Y/277V 3Ø 4-Wire+Ground | **AMP :** 225 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1					0 / 0							2
3	SPARE		15 A	3		0 / 0		3	15 A		SPARE	4
5							0 / 0					6
7					2465 / 2465							8
9	WSHP-A112 MECH A102		15 A	3		2465 / 2465		3	15 A		WSHP-A100 MECH A102	10
11							2465 / 2465					12
13					2465 / 2465							14
15	WSHP-A108 MECH A102		15 A	3		2465 / 2465		3	15 A		WSHP-A130 MECH A102	16
17							2465 / 2465					18
19					2465 / 2465							20
21	WSHP-A104 MECH A102		15 A	3		2465 / 2465		3	15 A		WSHP-A124 MECH A102	22
23							2465 / 2465					24
25					2465 / 0							26
27	WSHP-A114 MECH A102		15 A	3		2465 / 0		3	15 A		SPARE	28
29							2465 / 0					30
31					1856 / 0							32
33	WSHP-A120 MECH A102		15 A	3		1856 / 0		3	15 A		SPARE	34
35							1856 / 0					36
37					3435 / 0							38
39	WSHP-D111 MECH A102		20 A	3		3435 / 0		3	15 A		SPARE	40
41							3435 / 0					42

TOTALS :	22548 VA	22548 VA	22548 VA

TOTAL CONNECTED LOAD (VA) : 67645 VA | **TOTAL CONNECTED LOAD (AMPS) :** 81 A

REMARKS:

NOTES:

1AH1 — PANELBOARD SCHEDULE

LOCATION : ELEC. A127 | **SCCR (AMPS RMS SYMM):** 35000 | **SERVICE :** 480Y/277V 3Ø 4-Wire+Ground | **AMP :** 225 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	LTG - FLEX A100-101, A127-130		20 A	1	2751 / 1000						SPARE	8
9	LTG - A103, A105, A107, A109, A111, A113		20 A	1		2227 / 1000		3	20 A		ECUH-A VEST V009	10
11	LTG - RESTROOMS R101-R108, A120-A122		20 A	1			1196 / 1000					12
13	LIGHTING COMMONS A124-A125		20 A	1	2350 / 1000						SPARE	14
15	LTG - A102, A104, A106, A108, A110, A112		20 A	1		2227 / 1000		3	20 A		ECUH-A VEST V010	16
17	LTG - A114-A118		20 A	1			2543 / 1000					18
19	LIGHTING COMMONS A125		20 A	1	1288 / 1000						SPARE	20
21	EXTERIOR WALL PACKS UNIT A		20 A	1		240 / 1000		3	20 A		ECUH-A VEST D241	22
23	SPARE		20 A	1			0 / 1000					24
25	SPARE		20 A	1	0 / 1000						SPARE	26
27	SPARE		20 A	1		0 / 1000		3	20 A		ECUH-A VEST D242	28
29	SPARE		20 A	1			0 / 1000					30
31	SPARE		20 A	1	0 / 0			1	20 A		SPARE	32
33	SPARE		20 A	1		0 / 0		1	20 A		SPARE	34
35	SPARE		20 A	1			0 / 0	1	20 A		SPARE	36
37					13920 / 0							38
39	TRANSFORMER '1AT1' TO 1AL1, 1AL2		125 A	3		13660 / 0		3	30 A		SPD	40
41							12620 / 0					42

TOTALS :	24309 VA	22354 VA	20359 VA

TOTAL CONNECTED LOAD (VA) : 67022 VA | **TOTAL CONNECTED LOAD (AMPS) :** 81 A

REMARKS:

NOTES:

1AL2 — PANELBOARD SCHEDULE

LOCATION : ELEC. A127 | **SCCR (AMPS RMS SYMM):** 10000 | **SERVICE :** 208Y/120V 3Ø 4-Wire+Ground | **AMP :** 250 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	ISLAND RECEPTS - COMMONS 124		20 A	1	720 / 500			1	20 A		RECEPTS - EWC & RESTROOM R105	8
9	ISLAND RECEPTS - COMMONS 125		20 A	1		720 / 500		1	20 A		RECEPTS - EWC & RESTROOM R108	10
11	RECEPTS - VEST V009, V010, CORR A123		20 A	1			900 / 1080	1	20 A		RECEPTS - SGR A121, A122, PLANNING A120	12
13	RECEPTS - COMMONS A124, VEST D241		20 A	1	1080 / 360			1	20 A		COUNTER RECEPTS - PLANNING A120	14
15	RECEPTS - COMMONS A125, VEST D242		20 A	1		1260 / 360		1	20 A		COPIER - PLANNING A120	16
17	RECEPTS - OUTDOOR LEARNING A126		20 A	1			360 / 180	1	20 A		REFRIGERATOR - PLANNING A120	18
19	RECEPTS - IDF A128		20 A	1	1080 / 180			1	20 A		NAC PANELS - ELEC A127	20
21	AV RACK - IDF A128		20 A	1		1000 / 180		1	20 A		RECEPT - ELEC A127	22
23	ADA DOOR OPERATOR - VEST V009		20 A	1			1000 / 0	1	20 A		SPARE	24
25	ADA DOOR OPERATOR - VEST V010		20 A	1	1000 / 0			1	20 A		SPARE	26
27	RECEPT - MECH A102		20 A	1		180 / 0		1	20 A		SPARE	28
29	TEMPERATURE CONTOL PANEL - MECH A102		20 A	1			1000 / 0	1	20 A		SPARE	30
31	RECEPT - MECH A103		20 A	1	180 / 0			1	20 A		SPARE	32
33	TEMPERATURE CONTOL PANEL - MECH A103		20 A	1		1000 / 0		1	20 A		SPARE	34
35	SPARE		20 A	1			0 / 0	1	20 A		SPARE	36
37	SPARE		20 A	1	0 / 0							38
39	SPARE		20 A	1		0 / 0		3	30 A		SPD	40
41	SPARE		20 A	1			0 / 0					42

TOTALS :	5100 VA	5200 VA	4520 VA

TOTAL CONNECTED LOAD (VA) : 14820 VA | **TOTAL CONNECTED LOAD (AMPS) :** 41 A

REMARKS:

NOTES:

1AL1 — PANELBOARD SCHEDULE

LOCATION : ELEC. A127 | **SCCR (AMPS RMS SYMM):** 10000 | **SERVICE :** 208Y/120V 3Ø 4-Wire+Ground | **AMP :** 250 A | **MAIN :** MCB | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	TEACHER & TV RECEPTS - FLEX A100		20 A	1	720 / 720			1	20 A		TEACHER & TV RECEPTS - FLEX A101	8
9	GEN RECEPTS - FLEX A100		20 A	1		900 / 900		1	20 A		GEN RECEPTS - FLEX A101	10
11	TEACHER & TV RECEPTS - CLASS A104		20 A	1			720 / 720	1	20 A		TEACHER & TV RECEPTS - FACS 129	12
13	GEN RECEPTS - CLASS A104		20 A	1	900 / 1080			1	20 A		GEN RECEPTS - CLASS A129	14
15	TEACHER & TV RECEPTS - CLASS A108		20 A	1		720 / 720		1	20 A		TEACHER & TV RECEPTS - FACS 130	16
17	GEN RECEPTS - CLASS A108		20 A	1			900 / 1080	1	20 A		GEN RECEPTS - CLASS A130	18
19	TEACHER & TV RECEPTS - CLASS A112		20 A	1	720 / 360			1	20 A		RECEPTS - SGR A110, A122	20
21	GEN RECEPTS - CLASS A112		20 A	1		720 / 720		1	20 A		RECEPTS - SGR A116, A117, PREP A119	22
23	TEACHER & TV RECEPTS - CLASS A114		20 A	1			720 / 360	1	20 A		RECEPTS - SGR A107, A111	24
25	GEN RECEPTS - CLASS A114		20 A	1	540 / 720			1	20 A		TEACHER & TV - LAB A118	26
27	TEACHER & TV RECEPTS - FLEX A115		20 A	1		720 / 720		1	20 A		GEN RECEPTS - LAB A118	28
29	GEN RECEPTS - CLASS A113		20 A	1			540 / 720	1	20 A		W COUNTER RECEPTS - LAB A118	30
31	TEACHER & TV RECEPTS - CLASS A113		20 A	1	720 / 720			1	20 A		E COUNTER RECEPTS - LAB A118	32
33	GEN RECEPTS - CLASS A113		20 A	1		720 / 720		1	20 A		CORD REEL - LAB A118	34
35	TEACHER & TV RECEPTS - CLASS A109		20 A	1			720 / 720	1	20 A		CORD REEL - LAB A118	36
37	GEN RECEPTS - CLASS A109		20 A	1	900 / 720			1	20 A		CORD REEL - LAB A118	38
39	TEACHER & TV RECEPTS - CLASS A105		20 A	1		720 / 180		1	20 A		GOGGLE CABINET - LAB A118	40
41	GEN RECEPTS - CLASS A105		20 A	1			900 / 0	1	20 A		SPARE	42

TOTALS :	8820 VA	8460 VA	8100 VA

TOTAL CONNECTED LOAD (VA) : 25380 VA | **TOTAL CONNECTED LOAD (AMPS) :** 70 A

REMARKS:
FEED THROUGH LUGS

NOTES:

2AHP2 — PANELBOARD SCHEDULE

LOCATION : MECH A203 | **SCCR (AMPS RMS SYMM):** 35000 | **SERVICE :** 480Y/277V 3Ø 4-Wire+Ground | **AMP :** 225 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1					0 / 0							2
3	SPARE		15 A	3		0 / 0		3	15 A		SPARE	4
5							0 / 0					6
7					3435 / 2465							8
9	WSHP-A218 MECH A203		20 A	3		3435 / 2465		3	15 A		WSHP-A201 MECH A203	10
11							3435 / 2465					12
13					2465 / 2465							14
15	WSHP-A215 MECH A203		15 A	3		2465 / 2465		3	15 A		WSHP-D212 MECH A203	16
17							2465 / 2465					18
19					2465 / 0							20
21	WSHP-A205 MECH A203		15 A	3		2465 / 0		3	15 A		SPARE	22
23							2465 / 0					24
25					2465 / 0							26
27	WSHP-A209 MECH A203		15 A	3		2465 / 0		3	15 A		SPARE	28
29							2465 / 0					30
31					2465 / 0							32
33	WSHP-A213 MECH A203		15 A	3		2465 / 0		3	20 A		SPARE	34
35							2465 / 0					36
37					2465 / 0							38
39	WSHP-A225 MECH A203		15 A	3		2465 / 0		3	20 A		SPARE	40
41							2465 / 0					42

TOTALS :	20692 VA	20692 VA	20692 VA

TOTAL CONNECTED LOAD (VA) : 62077 VA | **TOTAL CONNECTED LOAD (AMPS) :** 75 A

REMARKS:

NOTES:

2AHP1 — PANELBOARD SCHEDULE

LOCATION : MECH A202 | **SCCR (AMPS RMS SYMM):** 35000 | **SERVICE :** 480Y/277V 3Ø 4-Wire+Ground | **AMP :** 225 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1					0 / 0							2
3	SPARE		15 A	3		0 / 0		3	15 A		SPARE	4
5							0 / 0					6
7					2465 / 2465							8
9	WSHP-A212 MECH A212		15 A	3		2465 / 2465		3	15 A		WSHP-A200 MECH A220	10
11							2465 / 2465					12
13					2465 / 2465							14
15	WSHP-A208 MECH A208		15 A	3		2465 / 2465		3	15 A		WSHP-A222 MECH A222	16
17							2465 / 2465					18
19					2465 / 0							20
21	WSHP-A204 MECH A204		15 A	3		2465 / 0		3	15 A		SPARE	22
23							2465 / 0					24
25					2465 / 0							26
27	WSHP-A214 MECH A214		15 A	3		2465 / 0		3	15 A		SPARE	28
29							2465 / 0					30
31					1856 / 0							32
33	WSHP-A221 MECH A220		15 A	3		1856 / 0		3	20 A		SPARE	34
35							1856 / 0					36
37					0 / 0							38
39	SPARE		15 A	3		0 / 0		3	20 A		SPARE	40
41							0 / 0					42

TOTALS :	16648 VA	16648 VA	16648 VA

TOTAL CONNECTED LOAD (VA) : 49944 VA | **TOTAL CONNECTED LOAD (AMPS) :** 60 A

REMARKS:

NOTES:

2AH1 — PANELBOARD SCHEDULE

LOCATION : MECHANICAL A227 | **SCCR (AMPS RMS SYMM):** 35000 | **SERVICE :** 480Y/277V 3Ø 4-Wire+Ground | **AMP :** 225 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	LTG - A200, A201, A226, A228		20 A	1	2232 / 0						SPARE	8
9	LTG - A203, A205, A207, A209, A211, A213		20 A	1		2227 / 0		3	20 A		SPARE	10
11	LTG - A214-218		20 A	1			2543 / 0				SPARE	12
13	LTG - RESTROOMS R201-R208, A220-A222		20 A	1	1100 / 0						SPARE	14
15	LTG - A202, A204, A206, A208, A210, A212		20 A	1		2227 / 0		3	20 A		SPARE	16
17	LTG - COMMONS A224-A225		20 A	1			2255 / 0	1	20 A		SPARE	18
19	LIGHTING COMMONS A225		20 A	1	1490 / 0						SPARE	20
21	SPARE		20 A	1		0 / 0		1	20 A		SPARE	22
23	SPARE		20 A	1			0 / 0	1	20 A		SPARE	24
25	SPARE		20 A	1	0 / 0			1	20 A		SPARE	26
27	SPARE		20 A	1		0 / 0		1	20 A		SPARE	28
29	SPARE		20 A	1			0 / 0	1	20 A		SPARE	30
31	SPARE		20 A	1	0 / 0			1	20 A		SPARE	32
33	SPARE		20 A	1		0 / 0		1	20 A		SPARE	34
35	SPARE		20 A	1			0 / 0	1	20 A		SPARE	36
37					11940 / 0							38
39	TRANSFORMER '2AT1' TO 2AL1, 2AL2		125 A	3		11400 / 0		3	20 A		SPD	40
41							11540 / 0					42

TOTALS :	16762 VA	15854 VA	16338 VA

TOTAL CONNECTED LOAD (VA) : 48954 VA | **TOTAL CONNECTED LOAD (AMPS) :** 59 A

REMARKS:

NOTES:

2AHP3 — PANELBOARD SCHEDULE

LOCATION : MECHANICAL A227 | **SCCR (AMPS RMS SYMM):** 35000 | **SERVICE :** 480Y/277V 3Ø 4-Wire+Ground | **AMP :** 400 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1					0 / 0							2
3	SPARE		20 A	3		0 / 0		3	20 A		SPARE	4
5							0 / 0					6
7					6094 / 0							8
9	WSHP-D209 MECH A227		25 A	3		6094 / 0		3	15 A		SPARE	10
11							6094 / 0					12
13					3657 / 0							14
15	WSHP-D211 MECH A227		20 A	3		3657 / 0		3	20 A		SPARE	16
17							3657 / 0					18
19					3657 / 0							20
21	WSHP-A226 MECH A227		20 A	3		3657 / 0		3	20 A		SPARE	22
23							3657 / 0					24
25					1000 / 0							26
27	EPUH-A - MECH A202		20 A	3		1000 / 0		3	25 A		SPARE	28
29							1000 / 0					30
31					0 / 0							32
33	SPARE		15 A	3		0 / 0		3	30 A		SPARE	34
35							0 / 0					36
37					1176 / 39324							38
39	2ATP3		30 A	3		80 / 39324		3	150 A		ERV-A	40
41							0 / 39324					42

TOTALS :	54908 VA	53812 VA	53732 VA

TOTAL CONNECTED LOAD (VA) : 162451 VA | **TOTAL CONNECTED LOAD (AMPS) :** 195 A

REMARKS:

NOTES:

2AL2 — PANELBOARD SCHEDULE

LOCATION : MECHANICAL A227 | **SCCR (AMPS RMS SYMM):** 10000 | **SERVICE :** 208Y/120V 3Ø 4-Wire+Ground | **AMP :** 250 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	ISLAND RECEPTS - COMMONS 224		20 A	1	720 / 500			1	20 A		RECEPTS - EWC & RESTROOM R205	8
9	ISLAND RECEPTS - COMMONS 225		20 A	1		720 / 500		1	20 A		RECEPTS - EWC & RESTROOM R208	10
11	RECEPTS - COMMONS A224		20 A	1			900 / 1080	1	20 A		RECEPTS - SGR A221, A222, PLAN A220	12
13	RECEPTS - COMMONS A225		20 A	1	1080 / 360			1	20 A		COUNTER RECEPTS - PLAN A220	14
15	RECEPTS - IDF A226		20 A	1		720 / 360		1	20 A		COPIER - PLAN A220	16
17	AV RACK - IDF A226		20 A	1			360 / 180	1	20 A		REFRIGERATOR - PLAN A220	18
19	ACCESS CONTROL - IDF A226		20 A	1	360 / 180			1	20 A		NAC PANELS - MECHANICAL A227	20
21	RECEPT - MECH A202		20 A	1		180 / 720		1	20 A		RECEPT - MECHANICAL A227	22
23	TEMPERATURE CONTROL PANEL - MECH A202		20 A	1			1000 / 0	1	20 A		SPARE	24
25	RECEPT - MECH A203		20 A	1	180 / 0			1	20 A		SPARE	26
27	TEMPERATURE CONTROL PANEL - MECH A203		20 A	1		1000 / 0		1	20 A		SPARE	28
29	TEMPERATURE CONTROL PANEL - MECH A227		20 A	1			1000 / 0	1	20 A		SPARE	30
31	TEMPERATURE CONTROL PANEL - MECH A227		20 A	1	1000 / 0			1	20 A		SPARE	32
33	SPARE		20 A	1		0 / 0		1	20 A		SPARE	34
35	SPARE		20 A	1			0 / 0	1	20 A		SPARE	36
37	SPARE		20 A	1	0 / 0							38
39	SPARE		20 A	1		0 / 0		3	20 A		SPD	40
41	SPARE		20 A	1			0 / 0					42

TOTALS :	4380 VA	4200 VA	4520 VA

TOTAL CONNECTED LOAD (VA) : 13100 VA | **TOTAL CONNECTED LOAD (AMPS) :** 36 A

REMARKS:

NOTES:

2AL1 — PANELBOARD SCHEDULE

LOCATION : MECHANICAL A227 | **SCCR (AMPS RMS SYMM):** 10000 | **SERVICE :** 208Y/120V 3Ø 4-Wire+Ground | **AMP :** 250 A | **MAIN :** MCB | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	TEACHER & TV RECEPTS - FLEX A200		20 A	1	720 / 720			1	20 A		TEACHER & TV RECEPTS - FLEX A201	8
9	GEN RECEPTS - FLEX A200		20 A	1		900 / 900		1	20 A		GEN RECEPTS - FLEX A201	10
11	TEACHER & TV RECEPTS - CLASS A204		20 A	1			720 / 360	1	20 A		RECEPTS - SGR A206, A210	12
13	GEN RECEPTS - CLASS A204		20 A	1	900 / 720			1	20 A		RECEPTS - SGR A216, A217, PREP A219	14
15	TEACHER & TV RECEPTS - CLASS A208		20 A	1		720 / 360		1	20 A		RECEPTS - SGR A207, A211	16
17	GEN RECEPTS - CLASS A208		20 A	1			900 / 720	1	20 A		TEACHER & TV RECEPTS - LAB A218	18
19	TEACHER & TV RECEPTS - CLASS A212		20 A	1	720 / 720			1	20 A		GEN RECEPTS - LAB A218	20
21	GEN RECEPTS - CLASS A212		20 A	1		720 / 720		1	20 A		E COUNTER RECEPTS - LAB A218	22
23	TEACHER & TV RECEPTS - CLASS A214		20 A	1			720 / 720	1	20 A		W COUNTER RECEPTS - LAB A216	24
25	GEN RECEPTS - CLASS A214		20 A	1	540 / 720			1	20 A		CORD REEL - LAB A218	26
27	TEACHER & TV RECEPTS - CLASS A215		20 A	1		720 / 720		1	20 A		CORD REEL - LAB A218	28
29	GEN RECEPTS - CLASS A215		20 A	1			540 / 720	1	20 A		CORD REEL - LAB A218	30
31	TEACHER & TV RECEPTS - CLASS A213		20 A	1	720 / 180			1	20 A		GOGGLE CABINET - LAB A218	32
33	GEN RECEPTS - CLASS A213		20 A	1		720 / 0		1	20 A		SPARE	34
35	TEACHER & TV RECEPTS - CLASS A209		20 A	1			720 / 0	1	20 A		SPARE	36
37	GEN RECEPTS - CLASS A209		20 A	1	900 / 0			1	20 A		SPARE	38
39	TEACHER & TV RECEPTS - CLASS A205		20 A	1		720 / 0		1	20 A		SPARE	40
41	GEN RECEPTS - CLASS A205		20 A	1			900 / 0	1	20 A		SPARE	42

TOTALS :

1BHP2 — PANELBOARD SCHEDULE

LOCATION : MECH B103 | **SCCR (AMPS RMS SYMM):** 35000 | **SERVICE :** 480Y/277V 3Φ 4-Wire+Ground | **AMP :** 225 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1					0 / 0							2
3	SPARE		15 A	3		0 / 0		3	15 A		SPARE	4
5							0 / 0					6
7					2465 / 2465							8
9	WSHP-B113 MECH B103		15 A	3		2465 / 2465		3	15 A		WSHP-B101 MECH B103	10
11							2465 / 2465					12
13					2465 / 2465							14
15	WSHP-B109 MECH B103		15 A	3		2465 / 2465		3	15 A		WSHP-B123 MECH B103	16
17							2465 / 2465					18
19					2465 / 0							20
21	WSHP-B105 MECH B103		15 A	3		2465 / 0		3	15 A		SPARE	22
23							2465 / 0					24
25					2465 / 0							26
27	WSHP-B115 MECH B103		15 A	3		2465 / 0		3	15 A		SPARE	28
29							2465 / 0					30
31					3435 / 0							32
33	WSHP-B118 MECH B103		20 A	3		3435 / 0		3	20 A		SPARE	34
35							3435 / 0					36
37	WSHP-D112 MECH B103		15 A	1	2327 / 0							38
39	WSHP-B131 MECH B103		15 A	1		1330 / 0		3	20 A		SPARE	40
41	SPARE		20 A	1			0 / 0					42
					TOTALS :	20554 VA	19557 VA	18227 VA				

TOTAL CONNECTED LOAD (VA) : 58338 VA | **TOTAL CONNECTED LOAD (AMPS) :** 70 A

REMARKS:

NOTES:

1BHP1 — PANELBOARD SCHEDULE

LOCATION : MECH B102 | **SCCR (AMPS RMS SYMM):** 35000 | **SERVICE :** 480Y/277V 3Φ 4-Wire+Ground | **AMP :** 225 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1					0 / 0							2
3	SPARE		15 A	3		0 / 0		3	15 A		SPARE	4
5							0 / 0					6
7					1856 / 2465							8
9	WSHP-B120 MECH B102		15 A	3		1856 / 2465		3	15 A		WSHP-B129 MECH B102	10
11							1856 / 2465					12
13					2465 / 2465							14
15	WSHP-B114 MECH B102		15 A	3		2465 / 2465		3	15 A		WSHP-B100 MECH B102	16
17							2465 / 2465					18
19					2465 / 2465							20
21	WSHP-B104 MECH B102		15 A	3		2465 / 2465		3	15 A		WSHP-B130 MECH B102	22
23							2465 / 2465					24
25					2465 / 0							26
27	WSHP-B108 MECH B102		15 A	3		2465 / 0		3	15 A		SPARE	28
29							2465 / 0					30
31					2465 / 0							32
33	WSHP-B112 MECH B102		15 A	3		2465 / 0		3	15 A		SPARE	34
35							2465 / 0					36
37					2465 / 0							38
39	WSHP-B124 MECH B102		15 A	3		2465 / 0		3	15 A		SPARE	40
41							2465 / 0					42
					TOTALS :	21579 VA	21579 VA	21579 VA				

TOTAL CONNECTED LOAD (VA) : 64736 VA | **TOTAL CONNECTED LOAD (AMPS) :** 78 A

REMARKS:

NOTES:

1BH1 — PANELBOARD SCHEDULE

LOCATION : ELEC. B127 | **SCCR (AMPS RMS SYMM):** 35000 | **SERVICE :** 480Y/277V 3Φ 4-Wire+Ground | **AMP :** 225 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	LTG - UNIT B 1F NORTH ROOMS		20 A	1	2861 / 333							8
9	LTG - UNIT B 1F WEST ROOMS		20 A	1		2543 / 333		3	20 A		ECUH-A - VEST V006	10
11	LTG - UNIT B 1F SOUTH ROOMS		20 A	1			2832 / 333					12
13	LTG - UNIT B 1F COMMONS		20 A	1	2066 / 333							14
15	LTG - UNIT B 1F RESTROOMS, B120-B122		20 A	1		1196 / 333		3	20 A		ECUH-A - VEST V007	16
17	LTG - B127-B133		20 A	1			1842 / 333					18
19	LIGHTING		20 A	1	1328 / 333							20
21	SPARE		20 A	1		0 / 333		3	20 A		ECUH-A - VEST D243	22
23	SPARE		20 A	1			0 / 333					24
25	SPARE		20 A	1	0 / 333							26
27	SPARE		20 A	1		0 / 333		3	20 A		ECUH-A - VEST D244	28
29	SPARE		20 A	1			0 / 333					30
31	SPARE		20 A	1	0 / 0			1	20 A		SPARE	32
33	SPARE		20 A	1		0 / 0		1	20 A		SPARE	34
35	SPARE		20 A	1			0 / 0	1	20 A		SPARE	36
37					16000 / 0							38
39	TRANSFORMER 'tBT1' TO 1BL1, 1BL2		125 A	3		14560 / 0		3	30 A		SPD	40
41							13880 / 0					42
					TOTALS :	23588 VA	19632 VA	19888 VA				

TOTAL CONNECTED LOAD (VA) : 63108 VA | **TOTAL CONNECTED LOAD (AMPS) :** 76 A

REMARKS:

NOTES:

1BL2 — PANELBOARD SCHEDULE

LOCATION : | **SCCR (AMPS RMS SYMM):** 10000 | **SERVICE :** 208Y/120V 3Φ 4-Wire+Ground | **AMP :** 250 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	ISLAND RECEPTS - COMMONS B124		20 A	1	720 / 500			1	20 A		RECEPTS - EWC & RESTROOM R113	8
9	ISLAND RECEPTS - COMMONS B125		20 A	1		720 / 500		1	20 A		RECEPTS - EWC & RESTROOM R116	10
11	RECEPTS - VEST V006, V007, CORR B123		20 A	1			900 / 900	1	20 A		RECEPT SPECH B130	12
13	RECEPTS - COMMONS B124, VEST D244		20 A	1	1260 / 360			1	20 A		COUNTER RECEPTS - PLAN B120	14
15	RECEPTS - COMMONS B125, VEST D243		20 A	1		1080 / 360		1	20 A		COPIER - PLAN B120	16
17	RECEPTS - OUTDOOR LEARNING B126		20 A	1			360 / 180	1	20 A		REFRIGERATOR - PLANNING B120	18
19	RECEPTS - IDF B128		20 A	1	1080 / 180			1	20 A		NAC PANELS - ELEC B127	20
21	AV RACK - IDF B128		20 A	1		1000 / 180		1	20 A		RECEPT - ELEC B127	22
23	ADA DOOR OPERATOR - VEST V006		20 A	1			1000 / 720	1	20 A		COUNTER RECEPTS - WORK SHOP B132	24
25	ADA DOOR OPERATOR - VEST V007		20 A	1	1000 / 720			1	20 A		COUNTER RECEPTS - WORK SHOP B132	26
27	RECEPT - MECH B102		20 A	1		180 / 180		1	20 A		GOGGLE CABINET - LAB B118	28
29	TEMPERATURE CONTROL PANEL - MECH B102		20 A	1			1000 / 180	1	20 A		RECEPT - WORK SHOP B132	30
31	RECEPT - MECH B103		20 A	1	180 / 1000			1	20 A		RECEPT WORK SHOP B132	32
33	TEMPERATURE CONTROL PANEL - MECH B103		20 A	1		1000 / 0		1	20 A		SPARE	34
35	RECEPTS - SGR B106, B110		20 A	1			360 / 0	1	20 A		SPARE	36
37	RECEPTS - SGR B107, B111		20 A	1	360 / 0							38
39	RECEPTS - SGR B121, B122, PLAN B120		20 A	1		1080 / 0		3	30 A		SPD	40
41	SPARE		20 A	1			0 / 0					42
					TOTALS :	7360 VA	6280 VA	5600 VA				

TOTAL CONNECTED LOAD (VA) : 19240 VA | **TOTAL CONNECTED LOAD (AMPS) :** 53 A

REMARKS:

NOTES:

1BL1 — PANELBOARD SCHEDULE

LOCATION : | **SCCR (AMPS RMS SYMM):** 10000 | **SERVICE :** 208Y/120V 3Φ 4-Wire+Ground | **AMP :** 250 A | **MAIN :** MCB | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	TEACHER & MONITOR RECEPTS - FLEX B100		20 A	1	720 / 720			1	20 A		TEACHER & MONITOR RECEPTS - FLEX B101	8
9	GEN RECEPTS - FLEX B100		20 A	1		900 / 900		1	20 A		GEN RECEPTS - FLEX B101	10
11	TEACHER & MONITOR RECEPTS - CLASS B104		20 A	1			720 / 720	1	20 A		TEACHER & TV RECEPTS - AG LAB B129	12
13	GEN RECEPTS - CLASS B104		20 A	1	720 / 1080			1	20 A		GEN RECEPTS - AG LAB B129	14
15	TEACHER & MONITOR RECEPTS - CLASS B108		20 A	1		720 / 720		1	20 A		S COUNTER RECEPTS - AG LAB B129	16
17	GEN RECEPTS - CLASS B108		20 A	1			900 / 540	1	20 A		E COUNTER RECEPTS - AG LAB B129	18
19	TEACHER & MONITOR RECEPTS - CLASS B112		20 A	1	720 / 720			1	20 A		RECEPTS - SGR B116, B117, PREP B119	20
21	GEN RECEPTS - CLASS B112		20 A	1		720 / 360		1	20 A		CORD REELS - AG LAB B129	22
23	TEACHER & MONITOR RECEPTS - CLASS B114		20 A	1			720 / 360	1	20 A		CORD REELS - AG LAB B129	24
25	GEN RECEPTS - CLASS B114		20 A	1	540 / 360			1	20 A		CORD REELS - AG LAB B129	26
27	TEACHER & MONITOR RECEPTS - CLASS B115		20 A	1		720 / 360		1	20 A		CORD REELS - AG LAB B129	28
29	GEN RECEPTS - CLASS B115		20 A	1			540 / 720	1	20 A		TEACHER & MONITOR RECEPTS - LAB B118	30
31	TEACHER & MONITOR RECEPTS - CLASS B113		20 A	1	720 / 720			1	20 A		GEN RECEPTS - LAB B118	32
33	GEN RECEPTS - CLASS B113		20 A	1		720 / 720		1	20 A		N COUNTER RECEPTS - LAB B118	34
35	TEACHER & MONITOR RECEPTS - CLASS B109		20 A	1			720 / 720	1	20 A		S COUNTER RECEPTS - LAB B118	36
37	GEN RECEPTS - CLASS B109		20 A	1	900 / 720							38
39	TEACHER & MONITOR RECEPTS - CLASS B105		20 A	1		720 / 720		1	20 A		CORD REEL - LAB B118	40
41	GEN RECEPTS - CLASS B105		20 A	1			900 / 720	1	20 A		CORD REEL - LAB B118	42
					TOTALS :	8640 VA	8280 VA	8280 VA				

TOTAL CONNECTED LOAD (VA) : 25200 VA | **TOTAL CONNECTED LOAD (AMPS) :** 70 A

REMARKS:
FEED THROUGH LUGS

NOTES:

2BHP2 — PANELBOARD SCHEDULE

LOCATION : MECH B203 | **SCCR (AMPS RMS SYMM):** 35000 | **SERVICE :** 480Y/277V 3Φ 4-Wire+Ground | **AMP :** 225 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1					0 / 0							2
3	SPARE		15 A	3		0 / 0		3	15 A		SPARE	4
5							0 / 0					6
7					2465 / 3435							8
9	WSHP-B213 MECH B203		15 A	3		2465 / 3435		3	20 A		WSHP-B230 MECH B203	10
11							2465 / 3435					12
13					2465 / 2465							14
15	WSHP-B209 MECH B203		15 A	3		2465 / 2465		3	15 A		WSHP-B223 MECH B203	16
17							2465 / 2465					18
19					2465 / 0							20
21	WSHP-B205 MECH B203		15 A	3		2465 / 0		3	20 A		SPARE	22
23							2465 / 0					24
25					2465 / 0							26
27	WSHP-B215 MECH B203		15 A	3		2465 / 0		3	20 A		SPARE	28
29							2465 / 0					30
31					3435 / 0							32
33	WSHP-B218 MECH B203		20 A	3		3435 / 0		3	20 A		SPARE	34
35							3435 / 0					36
37					2465 / 0							38
39	WSHP-B201 MECH B203		15 A	3		2465 / 0		3	20 A		SPARE	40
41							2465 / 0					42
					TOTALS :	21662 VA	21662 VA	21662 VA				

TOTAL CONNECTED LOAD (VA) : 64986 VA | **TOTAL CONNECTED LOAD (AMPS) :** 78 A

REMARKS:

NOTES:

2BHP1 — PANELBOARD SCHEDULE

LOCATION : MECH B202 | **SCCR (AMPS RMS SYMM):** 35000 | **SERVICE :** 480Y/277V 3Φ 4-Wire+Ground | **AMP :** 225 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1					0 / 0							2
3	SPARE		15 A	3		0 / 0		3	15 A		SPARE	4
5							0 / 0					6
7					1856 / 2465							8
9	WSHP-B221 MECH B202		15 A	3		1856 / 2465		3	15 A		WSHP-B228 MECH B202	10
11							1856 / 2465					12
13					2465 / 2465							14
15	WSHP-B214 MECH B202		15 A	3		2465 / 2465		3	15 A		WSHP-D200 MECH B202	16
17							2465 / 2465					18
19					2465 / 2465							20
21	WSHP-B204 MECH B202		15 A	3		2465 / 2465		3	15 A		WSHP-B200 MECH B202	22
23							2465 / 2465					24
25					2465 / 0							26
27	WSHP-B208 MECH B202		15 A	3		2465 / 0		3	15 A		SPARE	28
29							2465 / 0					30
31					2465 / 0							32
33	WSHP-B212 MECH B202		15 A	3		2465 / 0		3	15 A		SPARE	34
35							2465 / 0					36
37					2465 / 0							38
39	WSHP-B222 MECH B202		15 A	3		2465 / 0		3	15 A		SPARE	40
41							2465 / 0					42
					TOTALS :	21579 VA	21579 VA	21579 VA				

TOTAL CONNECTED LOAD (VA) : 64736 VA | **TOTAL CONNECTED LOAD (AMPS) :** 78 A

REMARKS:

NOTES:

2BH1 — PANELBOARD SCHEDULE

LOCATION : ELEC. B227 | **SCCR (AMPS RMS SYMM):** 35000 | **SERVICE :** 480Y/277V 3Φ 4-Wire+Ground | **AMP :** 225 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	LTG - UNIT B 2F NORTH ROOMS		20 A	1	2832 / 0							8
9	LTG - UNIT B 2F WEST ROOMS		20 A	1		2543 / 0		1	20 A		SPARE	10
11	LTG - UNIT B 2F SOUTH ROOMS		20 A	1			2832 / 0	1	20 A		SPARE	12
13	LTG - UNIT B 2F COMMONS		20 A	1	2336 / 0			1	20 A		SPARE	14
15	LTG - UNIT B 2F EAST ROOMS		20 A	1		1952 / 0		1	20 A		SPARE	16
17	LTG - RESTROOMS R209-R216, B220-B222		20 A	1			1100 / 0	1	20 A		SPARE	18
19	LIGHTING		20 A	1	1406 / 0			1	20 A		SPARE	20
21	SPARE		20 A	1		0 / 0		1	20 A		SPARE	22
23	SPARE		20 A	1			0 / 0	1	20 A		SPARE	24
25	SPARE		20 A	1	0 / 0			1	20 A		SPARE	26
27	SPARE		20 A	1		0 / 0		1	20 A		SPARE	28
29	SPARE		20 A	1			0 / 0	1	20 A		SPARE	30
31	SPARE		20 A	1	0 / 0			1	20 A		SPARE	32
33	SPARE		20 A	1		0 / 0		1	20 A		SPARE	34
35	SPARE		20 A	1			0 / 0	1	20 A		SPARE	36
37					13020 / 0							38
39	TRANSFORMER '2BT1' TO 2BL1, 2BL2		125 A	3		11480 / 0		3	30 A		SPD	40
41							11440 / 0					42
					TOTALS :	19594 VA	15975 VA	15372 VA				

TOTAL CONNECTED LOAD (VA) : 50940 VA | **TOTAL CONNECTED LOAD (AMPS) :** 61 A

REMARKS:

NOTES:

3BHP1 — PANELBOARD SCHEDULE

LOCATION : MEZZAINE B300 | **SCCR (AMPS RMS SYMM):** 35000 | **SERVICE :** 480Y/277V 3Φ 4-Wire+Ground | **AMP :** 400 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	LIGHTING MEZZANINE B300		20 A	1	726 / 0							2
3	SPARE		20 A	1		0 / 0		3	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0					6
7					3333 / 0							8
9	EPUH-A MECH B300		20 A	3		3333 / 0		3	20 A		SPARE	10
11							3333 / 0					12
13					0 / 0							14
15	SPARE		20 A	3		0 / 0		3	20 A		SPARE	16
17							0 / 0					18
19					0 / 0							20
21	SPARE		20 A	3		0 / 0		3	20 A		SPARE	22
23							0 / 0					24
25					0 / 0							26
27	SPARE		20 A	3		0 / 0		3	20 A		SPARE	28
29							0 / 0					30
31					0 / 0							32
33	SPARE		20 A	3		0 / 0		3	20 A		SPARE	34
35							0 / 0					36
37					1176 / 38060							38
39	3BTP1		20 A	3		1000 / 38060		3	150 A		ERV-B MECH B300	40
41							540 / 38060					42
					TOTALS :	43295 VA	42393 VA	41933 VA				

TOTAL CONNECTED LOAD (VA) : 127622 VA | **TOTAL CONNECTED LOAD (AMPS) :** 154 A

REMARKS:

NOTES:

2BL2 — PANELBOARD SCHEDULE

LOCATION : ELEC. B227 | **SCCR (AMPS RMS SYMM):** 10000 | **SERVICE :** 208Y/120V 3Φ 4-Wire+Ground | **AMP :** 250 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	ISLAND RECEPTS - COMMONS B224		20 A	1	720 / 500			1	20 A		RECEPTS - EWC & RESTROOM R213	8
9	ISLAND RECEPTS - COMMONS B225		20 A	1		720 / 500		1	20 A		RECEPTS - EWC & RESTROOM R216	10
11	RECEPTS - COMMONS B224		20 A	1			900 / 900	1	20 A		RECEPTS - SGR B221, B222, PLAN B220	12
13	RECEPTS - COMMONS B225, CORR B223		20 A	1	1440 / 360			1	20 A		COUNTER RECEPTS - PLAN B220	14
15	RECEPTS - IDF B226		20 A	1		720 / 360		1	20 A		COPIER - PLAN B220	16
17	AV RACK - IDF B226		20 A	1			360 / 180	1	20 A		REFRIGERATOR - PLAN B220	18
19	ACCESS CONTROL - IDF B226		20 A	1	360 / 180			1	20 A		NAC PANELS - ELEC B227	20
21	TEACHER & TV RECEPTS - COMP SCI LAB B230		20 A	1		720 / 180		1	20 A		RECEPT - ELEC B227	22
23	GEN RECEPTS - COMP SCI LAB B230		20 A	1			900 / 0	1	20 A		SPARE	24
25	TEACHER & TV RECEPTS - COMP SCI LAB B228		20 A	1	720 / 0			1	20 A		SPARE	26
27	GEN RECEPTS - COMP SCI LAB B230		20 A	1		900 / 0		1	20 A		SPARE	28
29	RECEPT - MECH B202		20 A	1			180 / 0	1	20 A		SPARE	30
31	TEMPERATURE CONTROL PANEL - MECH B202		20 A	1	1000 / 0			1	20 A		SPARE	32
33	RECEPT - MECH B203		20 A	1		180 / 0		1	20 A		SPARE	34
35	TEMPERATURE CONTROL PANEL - MECH B203		20 A	1			1000 / 0	1	20 A		SPARE	36
37	RECEPTS - MEZZAINE B300		20 A	1	540 / 0							38
39	SPARE		20 A	1		0 / 0		3	30 A		SPD	40
41	SPARE		20 A	1			0 / 0					42
					TOTALS :	5820 VA	4280 VA	4420 VA				

TOTAL CONNECTED LOAD (VA) : 14520 VA | **TOTAL CONNECTED LOAD (AMPS) :** 40 A

REMARKS:

NOTES:

2BL1 — PANELBOARD SCHEDULE

LOCATION : ELEC. B227 | **SCCR (AMPS RMS SYMM):** 10000 | **SERVICE :** 208Y/120V 3Φ 4-Wire+Ground | **AMP :** 250 A | **MAIN :** MCB | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	TEACHER & TV RECEPTS - FLEX B200		20 A	1	720 / 720			1	20 A		TEACHER & TV RECEPTS - FLEX B201	8
9	GEN RECEPTS - FLEX B200		20 A	1		900 / 900		1	20 A		GEN RECEPTS - FLEX B201	10
11	TEACHER & TV RECEPTS - CLASS B204		20 A	1			720 / 360	1	20 A		RECEPTS - SGR B207, B211	12
13	GEN RECEPTS - CLASS B204		20 A	1	540 / 720			1	20 A		RECEPTS - SGR B216, B217, B219	14
15	TEACHER & TV RECEPTS - CLASS B208		20 A	1		720 / 360		1	20 A		RECEPTS - SGR B206, B210	16
17	GEN RECEPTS - CLASS B208		20 A	1			900 / 720	1	20 A		TEACHER & TV RECEPTS - LAB B218	18
19	TEACHER & TV RECEPTS - CLASS B212		20 A	1	720 / 720			1	20 A		GEN RECEPTS - LAB B218	20
21	GEN RECEPTS - CLASS B212		20 A	1		720 / 720		1	20 A		N COUNTER RECEPTS - LAB B218	22
23	TEACHER & TV RECEPTS - CLASS B214		20 A	1			720 / 720	1	20 A		S COUNTER RECEPTS - LAB B218	24
25	GEN RECEPTS - CLASS B214		20 A	1	540 / 720			1	20 A		CORD REEL - LAB B218	26
27	TEACHER & TV RECEPTS - CLASS B215		20 A	1		720 / 720		1	20 A		CORD REEL - LAB B218	28
29	GEN RECEPTS - CLASS B215		20 A	1			540 / 720	1	20 A		CORD REEL - LAB B218	30
31	TEACHER & TV RECEPTS - CLASS B213		20 A	1	720 / 180			1	20 A		GOGGLE CABINET - LAB B218	32
33	GEN RECEPTS - CLASS B213		20 A	1		720 / 0		1	20 A		SPARE	34
35	TEACHER & TV RECEPTS - CLASS B209		20 A	1			720 / 0	1	20 A		SPARE	36
37	GEN RECEPTS - CLASS B209		20 A	1	900 / 0							38
39	TEACHER & MONITOR RECEPTS - CLASS B205		20 A	1		720

1CHP2 — PANELBOARD SCHEDULE

LOCATION : MECH C103 | **SCCR (AMPS RMS SYMM):** 35000 | **SERVICE :** 480Y/277V 3Φ 4-Wire+Ground | **AMP :** 225 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1					0 / 0							2
3	SPARE		15 A	3		0 / 0		3	15 A		SPARE	4
5							0 / 0					6
7					2465 / 2465							8
9	WSHP-C101 MECH C103		15 A	3		2465 / 2465		3	15 A		WSHP-C105 MECH C103	10
11							2465 / 2465					12
13					2465 / 2465							14
15	WSHP-D104 MECH C103		15 A	3		2465 / 2465		3	15 A		WSHP-C115 MECH C103	16
17							2465 / 2465					18
19					2465 / 3435							20
21	WSHP-C131 MECH C103		15 A	3		2465 / 3435		3	20 A		WSHP-C118 MECH C103	22
23							2465 / 3435					24
25					2465 / 0							26
27	WSHP-C125 MECH C103		15 A	3		2465 / 0		3	15 A		SPARE	28
29							2465 / 0					30
31					2465 / 0							32
33	WSHP-C113 MECH C103		15 A	3		2465 / 0		3	15 A		SPARE	34
35							2465 / 0					36
37					2465 / 0							38
39	WSHP-C109 MECH C103		15 A	3		2465 / 0		3	15 A		SPARE	40
41							2465 / 0					42
	TOTALS :				23158 VA	23158 VA	23158 VA					

TOTAL CONNECTED LOAD (VA) : 69473 VA | **TOTAL CONNECTED LOAD (AMPS) :** 84 A

REMARKS:

NOTES:

1CHP1 — PANELBOARD SCHEDULE

LOCATION : MECH C102 | **SCCR (AMPS RMS SYMM):** 35000 | **SERVICE :** 480Y/277V 3Φ 4-Wire+Ground | **AMP :** 225 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1					0 / 0							2
3	SPARE		15 A	3		0 / 0		3	15 A		SPARE	4
5							0 / 0					6
7					2465 / 2465							8
9	WSHP-C124 MECH C102		15 A	3		2465 / 2465		3	15 A		WSHP-C114 MECH C102	10
11							2465 / 2465					12
13					2465 / 2465							14
15	WSHP-C130 MECH C102		15 A	3		2465 / 2465		3	15 A		WSHP-C104 MECH C102	16
17							2465 / 2465					18
19					2465 / 2465							20
21	WSHP-D100 MECH C102		15 A	3		2465 / 2465		3	15 A		WSHP-C108 MECH C102	22
23							2465 / 2465					24
25					2465 / 2465							26
27	WSHP-C100 MECH C102		15 A	3		2465 / 2465		3	15 A		WSHP-C112 MECH C102	28
29							2465 / 2465					30
31					2465 / 0							32
33	WSHP-C118 MECH C102		15 A	3		2465 / 0		3	15 A		SPARE	34
35							2465 / 0					36
37					1856 / 0							38
39	WSHP-C120 MECH C102		15 A	3		1856 / 0		3	15 A		SPARE	40
41							1856 / 0					42
	TOTALS :				24044 VA	24044 VA	24044 VA					

TOTAL CONNECTED LOAD (VA) : 72132 VA | **TOTAL CONNECTED LOAD (AMPS) :** 87 A

REMARKS:

NOTES:

1CH1 — PANELBOARD SCHEDULE

LOCATION : ELEC. C129 | **SCCR (AMPS RMS SYMM):** 35000 | **SERVICE :** 480Y/277V 3Φ 4-Wire+Ground | **AMP :** 225 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	LTG - UNIT C 1F NORTH ROOMS		20 A	1	3030 / 1000							8
9	LTG - UNIT C 1F WEST ROOMS		20 A	1		2227 / 1000		3	20 A		ECUH-A - VEST V003	10
11	LTG - UNIT C 1F SOUTH ROOMS		20 A	1			2543 / 1000					12
13	LTG - UNIT C 1F EAST ROOMS		20 A	1	2227 / 1000							14
15	LTG - UNIT C 1F R117-R124, C120-C122		20 A	1		1196 / 1000		3	20 A		ECUH-A - VEST V004	16
17	LTG - UNIT C 1F COMMONS WEST		20 A	1			2183 / 1000					18
19	LTG - UNIT C 1F COMMONS EAST		20 A	1	1365 / 1000							20
21	SPARE		20 A	1		0 / 1000		3	20 A		ECUH-A - VEST D245	22
23	SPARE		20 A	1			0 / 1000					24
25	SPARE		20 A	1	0 / 1000							26
27	SPARE		20 A	1		0 / 1000		3	20 A		ECUH-A - VEST D246	28
29	SPARE		20 A	1			0 / 1000					30
31	SPARE		20 A	1	0 / 0			1	20 A		SPARE	32
33	SPARE		20 A	1		0 / 0		1	20 A		SPARE	34
35	SPARE		20 A	1			0 / 0	1	20 A		SPARE	36
37					13200 / 0							38
39	TRANSFORMER '1CT1' TO 1CL1, 1CL2		125 A	3		14200 / 0		3	30 A		SPD	40
41							12440 / 0					42
	TOTALS :				23822 VA	21623 VA	21166 VA					

TOTAL CONNECTED LOAD (VA) : 66611 VA | **TOTAL CONNECTED LOAD (AMPS) :** 80 A

REMARKS:

NOTES:

1CL2 — PANELBOARD SCHEDULE

LOCATION : ELEC. C129 | **SCCR (AMPS RMS SYMM):** 10000 | **SERVICE :** 208Y/120V 3Φ 4-Wire+Ground | **AMP :** 250 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	ISLAND RECEPTS - COMMONS C124		20 A	1	720 / 500			1	20 A		RECEPTS - EWC & RESTROOM R124	8
9	ISLAND RECEPTS - COMMONS C125		20 A	1		720 / 500		1	20 A		RECEPTS - EWC & RESTROOM R121	10
11	RECEPTS - VEST V003, V004, CORR		20 A	1			900 / 720	1	20 A		RECEPTS - SGR C121, C122, PLAN C120	12
13	RECEPTS - COMMONS C124, VEST D246		20 A	1	1080 / 360			1	20 A		COUNTER RECEPTS - RECEPT PLAN C120	14
15	RECEPTS - COMMONS C125, VEST D245		20 A	1		1080 / 360		1	20 A		COPIER - PLAN C120	16
17	RECEPTS - OUTDOOR LEARNING C126		20 A	1			540 / 180	1	20 A		REFRIGERATOR - PLAN C120	18
19	RECEPTS - IDF C128		20 A	1	1080 / 180			1	20 A		NAC PANELS - ELEC C129	20
21	AV RACK - IDF C128		20 A	1		1000 / 180		1	20 A		RECEPT - ELEC. C129	22
23	ADA DOOR OPERATOR - V003		20 A	1			1000 / 0	1	20 A		SPARE	24
25	ADA DOOR OPERATOR - V004		20 A	1	1000 / 0			1	20 A		SPARE	26
27	RECEPT - MECH C102		20 A	1		180 / 0		1	20 A		SPARE	28
29	TEMPERATURE CONTROL PANEL - MECH C102		20 A	1			1000 / 0	1	20 A		SPARE	30
31	RECEPT - MECH C103		20 A	1	180 / 0			1	20 A		SPARE	32
33	TEMPERATURE CONTROL PANEL - MECH C103		20 A	1		1000 / 0		1	20 A		SPARE	34
35	SPARE		20 A	1			0 / 0	1	20 A		SPARE	36
37	SPARE		20 A	1	0 / 0							38
39	SPARE		20 A	1		0 / 0		3	30 A		SPD	40
41	SPARE		20 A	1			0 / 0	1	20 A		SPARE	42
	TOTALS :				5100 VA	5020 VA	4340 VA					

TOTAL CONNECTED LOAD (VA) : 14460 VA | **TOTAL CONNECTED LOAD (AMPS) :** 40 A

REMARKS:

NOTES:

1CL1 — PANELBOARD SCHEDULE

LOCATION : ELEC. C129 | **SCCR (AMPS RMS SYMM):** 10000 | **SERVICE :** 208Y/120V 3Φ 4-Wire+Ground | **AMP :** 250 A | **MAIN :** MCB | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	TEACHER & TV RECEPTS - FLEX C100		20 A	1	720 / 720			1	20 A		TEACHER & TV RECEPTS - FLEX C101	8
9	GEN RECEPTS - FLEX C100		20 A	1		1080 / 900		1	20 A		GEN RECEPTS - FLEX C100	10
11	TEACHER & TV RECEPTS - CLASS C104		20 A	1			720 / 720	1	20 A		TEACHER & TV RECEPTS - CLASS C131	12
13	GEN RECEPTS - CLASS C104		20 A	1	900 / 720			1	20 A		GEN RECEPTS - CLASS C131	14
15	TEACHER & TV RECEPTS - CLASS C108		20 A	1		720 / 720		1	20 A		TEACHER & TV RECEPTS - CLASS C130	16
17	GEN RECEPTS - CLASS C108		20 A	1			900 / 720	1	20 A		GEN RECEPTS - CLASS C130	18
19	TEACHER & TV RECEPTS - CLASS C112		20 A	1	720 / 360			1	20 A		RECEPTS - SGR C106, C111	20
21	GEN RECEPTS - CLASS C112		20 A	1		720 / 720		1	20 A		RECEPTS - SGR C116, C117, PREP C119	22
23	TEACHER & TV RECEPTS - CLASS C114		20 A	1			720 / 360	1	20 A		RECEPTS - SGR C107, C111	24
25	GEN RECEPTS - CLASS C114		20 A	1	540 / 360			1	20 A		RECEPTS - SGR C132, STOR C133	26
27	TEACHER & TV RECEPTS - CLASS C115		20 A	1		720 / 720		1	20 A		TEACHER & TV RECEPTS - LAB C118	28
29	GEN RECEPTS - CLASS C115		20 A	1			540 / 900	1	20 A		GEN RECEPTS - LAB C118	30
31	TEACHER & TV RECEPTS - CLASS C113		20 A	1	720 / 720			1	20 A		E COUNTER RECEPTS - LAB C118	32
33	GEN RECEPTS - CLASS C113		20 A	1		720 / 720		1	20 A		W COUNTER RECEPTS - LAB C118	34
35	TEACHER & TV RECEPTS - CLASS C109		20 A	1			720 / 720	1	20 A		CORD REELS - LAB C118	36
37	GEN RECEPTS - CLASS C109		20 A	1	900 / 720						CORD REELS - LAB C118	38
39	TEACHER & TV RECEPTS - CLASS C105		20 A	1		720 / 720		1	20 A		CORD REELS - LAB C118	40
41	GEN RECEPTS - CLASS C205		20 A	1			900 / 180	1	20 A		GOGGLE CABINET - LAB C118	42
	TOTALS :				8100 VA	9180 VA	8100 VA					

TOTAL CONNECTED LOAD (VA) : 25380 VA | **TOTAL CONNECTED LOAD (AMPS) :** 70 A

REMARKS:
FEED THROUGH LUGS

NOTES:

2CHP2 — PANELBOARD SCHEDULE

LOCATION : MECH C203 | **SCCR (AMPS RMS SYMM):** 35000 | **SERVICE :** 480Y/277V 3Φ 4-Wire+Ground | **AMP :** 225 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1					0 / 0							2
3	SPARE		15 A	3		0 / 0		3	15 A		SPARE	4
5							0 / 0					6
7					2465 / 2465							8
9	WSHP-C201 MECH C203		15 A	3		2465 / 2465		3	15 A		WSHP-C205 MECH C203	10
11							2465 / 2465					12
13					3657 / 2465							14
15	WSHP-D222 MECH C203		20 A	3		3657 / 2465		3	15 A		WSHP-C215 MECH C203	16
17							3657 / 2465					18
19					2465 / 3435							20
21	WSHP-C228 MECH C203		20 A	3		2465 / 3435		3	20 A		WSHP-C218 MECH C203	22
23							2465 / 3435					24
25					2465 / 0							26
27	WSHP-C223 MECH C203		15 A	3		2465 / 0		3	15 A		SPARE	28
29							2465 / 0					30
31					2465 / 0							32
33	WSHP-C213 MECH C203		15 A	3		2465 / 0		3	20 A		SPARE	34
35							2465 / 0					36
37					2465 / 0							38
39	WSHP-C209 MECH C203		15 A	3		2465 / 0		3	20 A		SPARE	40
41							2465 / 0					42
	TOTALS :				24349 VA	24349 VA	24349 VA					

TOTAL CONNECTED LOAD (VA) : 73047 VA | **TOTAL CONNECTED LOAD (AMPS) :** 88 A

REMARKS:

NOTES:

2CHP1 — PANELBOARD SCHEDULE

LOCATION : MECH C202 | **SCCR (AMPS RMS SYMM):** 35000 | **SERVICE :** 480Y/277V 3Φ 4-Wire+Ground | **AMP :** 225 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1					0 / 0							2
3	SPARE		15 A	3		0 / 0		3	15 A		SPARE	4
5							0 / 0					6
7					2465 / 2465							8
9	WSHP-C222 MECH C202		15 A	3		2465 / 2465		3	15 A		WSHP-C214 MECH C202	10
11							2465 / 2465					12
13					2465 / 2465							14
15	WSHP-D213 MECH C202		15 A	3		2465 / 2465		3	15 A		WSHP-C204 MECH C202	16
17							2465 / 2465					18
19					2465 / 2465							20
21	WSHP-D219 MECH C202		15 A	3		2465 / 2465		3	15 A		WSHP-C208 MECH C202	22
23							2465 / 2465					24
25					2465 / 2465							26
27	WSHP-D216 MECH C202		15 A	3		2465 / 2465		3	15 A		WSHP-C212 MECH C202	28
29							2465 / 2465					30
31					2465 / 0							32
33	WSHP-C200 MECH C202		15 A	3		2465 / 0		3	15 A		SPARE	34
35							2465 / 0					36
37					1856 / 0							38
39	WSHP-C221 MECH C202		15 A	3		1856 / 0		3	15 A		SPARE	40
41							1856 / 0					42
	TOTALS :				24044 VA	24044 VA	24044 VA					

TOTAL CONNECTED LOAD (VA) : 72132 VA | **TOTAL CONNECTED LOAD (AMPS) :** 87 A

REMARKS:

NOTES:

2CH1 — PANELBOARD SCHEDULE

LOCATION : ELEC. C227 | **SCCR (AMPS RMS SYMM):** 35000 | **SERVICE :** 480Y/277V 3Φ 4-Wire+Ground | **AMP :** 225 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	LTG - UNIT C 2F NORTH ROOMS		20 A	1	2637 / 0							8
9	LTG - UNIT C 2F WEST ROOMS		20 A	1		2227 / 0		1	20 A		SPARE	10
11	LTG - UNIT C 2F SOUTH ROOMS		20 A	1			2610 / 0	1	20 A		SPARE	12
13	LTG - UNIT C 2F EAST ROOMS		20 A	1	2227 / 0			1	20 A		SPARE	14
15	LTG - UNIT C 2F COMMONS		20 A	1		1853 / 0		1	20 A		SPARE	16
17	LTG - UNIT C 2F R217-224, C220-222		20 A	1			1100 / 0	1	20 A		SPARE	18
19	LIGHTING		20 A	1	1168 / 0			1	20 A		SPARE	20
21	SPARE		20 A	1		0 / 0		1	20 A		SPARE	22
23	SPARE		20 A	1			0 / 0	1	20 A		SPARE	24
25	SPARE		20 A	1	0 / 0			1	20 A		SPARE	26
27	SPARE		20 A	1		0 / 0		1	20 A		SPARE	28
29	SPARE		20 A	1			0 / 0	1	20 A		SPARE	30
31	SPARE		20 A	1	0 / 0			1	20 A		SPARE	32
33	SPARE		20 A	1		0 / 0		1	20 A		SPARE	34
35	SPARE		20 A	1			0 / 0	1	20 A		SPARE	36
37					13200 / 0							38
39	TRANSFORMER '2CT1' TO 2CL1, 2CL2		125 A	3		12480 / 0		3	30 A		SPD	40
41							11596 / 0					42
	TOTALS :				19232 VA	16560 VA	15306 VA					

TOTAL CONNECTED LOAD (VA) : 51098 VA | **TOTAL CONNECTED LOAD (AMPS) :** 61 A

REMARKS:

NOTES:

2CL2 — PANELBOARD SCHEDULE

LOCATION : ELEC. C227 | **SCCR (AMPS RMS SYMM):** 10000 | **SERVICE :** 208Y/120V 3Φ 4-Wire+Ground | **AMP :** 250 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	ISLAND RECEPTS - COMMONS C224		20 A	1	720 / 500			1	20 A		RECEPTS - EWC & RESTROOM R221	8
9	ISLAND RECEPTS - COMMONS C225		20 A	1		720 / 500		1	20 A		RECEPTS - EWC & RESTROOM R224	10
11	RECEPTS - COMMONS C224		20 A	1			900 / 720	1	20 A		SGR C221, C222, PLAN C220	12
13	RECEPTS - COMMONS C225		20 A	1	1440 / 360			1	20 A		COUNTER RECEPTS - PLAN C220	14
15	RECEPTS - IDF C226		20 A	1		720 / 360		1	20 A		COPIER - PLAN C220	16
17	AV RACK - IDF C226		20 A	1			360 / 180	1	20 A		REFRIGERATOR - PLAN C220	18
19	ACCESS CONTROL - IDF C226		20 A	1	360 / 180			1	20 A		NAC PANELS - ELEC C227	20
21	RECEPT - MECH C202		20 A	1		180 / 180		1	20 A		RECEPT - ELEC C227	22
23	TEMPERATURE CONTROL PANEL - MECH C202		20 A	1			1000 / 696	1	20 A		EF-C3	24
25	RECEPT - MECH C203		20 A	1	180 / 0			1	20 A		SPARE	26
27	TEMPERATURE CONTROL PANEL - MECH C203		20 A	1		1000 / 0		1	20 A		SPARE	28
29							0 / 0	1	20 A		SPARE	30
31	TEMPERATURE CONTROL PANEL MECH C300		20 A	1	1000 / 0			1	20 A		SPARE	32
33	SPARE		20 A	1		0 / 0		1	20 A		SPARE	34
35	SPARE		20 A	1			0 / 0	1	20 A		SPARE	36
37	SPARE		20 A	1	0 / 0			1	20 A		SPARE	38
39	SPARE		20 A	1		0 / 0		1	20 A		SPARE	40
41	SPARE		20 A	1			0 / 0	1	20 A		SPARE	42
	TOTALS :				4740 VA	3660 VA	3856 VA					

TOTAL CONNECTED LOAD (VA) : 12256 VA | **TOTAL CONNECTED LOAD (AMPS) :** 34 A

REMARKS:

NOTES:

2CL1 — PANELBOARD SCHEDULE

LOCATION : ELEC. C227 | **SCCR (AMPS RMS SYMM):** 10000 | **SERVICE :** 208Y/120V 3Φ 4-Wire+Ground | **AMP :** 250 A | **MAIN :** MCB | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	TEACHER & TV RECEPTS - FLEX C200		20 A	1	720 / 720			1	20 A		TEACHER & TV RECEPTS - FLEX C201	8
9	GEN RECEPTS - FLEX C200		20 A	1		1260 / 1080		1	20 A		GEN RECEPTS - FLEX C201	10
11	TEACHER & TV RECEPTS - CLASS C204		20 A	1			720 / 720	1	20 A		TEACHER & TV RECEPTS - ART LAB C228	12
13	GEN RECEPTS - CLASS C204		20 A	1	900 / 720			1	20 A		COUNTER RECEPTS - ART LAB C228	14
15	TEACHER & TV RECEPTS - CLASS C208		20 A	1		720 / 900		1	20 A		COUNTER RECEPTS - ART LAB C228	16
17	GEN RECEPTS - CLASS C208		20 A	1			900 / 360	1	20 A		RECEPT SGR C207	18
19	TEACHER & TV RECEPTS - CLASS C212		20 A	1	720 / 720			1	20 A		RECEPTS - SGR C216, C217, RM C219A, C219B	20
21	GEN RECEPTS - CLASS C212		20 A	1		720 / 360		1	20 A		RECEPTS - SGR C206, C210	22
23	TEACHER & TV RECEPTS - CLASS C214		20 A	1			720 / 720	1	20 A		TEACHER & TV RECEPTS - LAB C218	24
25	GEN RECEPTS - CLASS C214		20 A	1	540 / 900						GEN RECEPTS - LAB C218	26
27	TEACHER & TV RECEPTS - CLASS C215		20 A	1		720 / 720		1	20 A		E COUNTER RECEPTS - LAB C218	28
29	GEN RECEPTS - CLASS C215		20 A	1			540 / 720	1	20 A		W COUNTER RECEPTS - LAB C218	30
31	TEACHER & TV RECEPTS - CLASS 213		20 A	1	720 / 720			1	20 A		CORD REELS - LAB C218	32
33	GEN RECEPTS - CLASS C213		20 A	1		720 / 720		1	20 A		CORD REELS - LAB C218	34
35	TEACHER & TV RECEPTS - CLASS 209		20 A	1			720 / 720	1	20 A		CORD REELS - LAB C218	36
37	GEN RECEPTS - CLASS C209		20 A	1	900 / 180						GOGGLE CABINET - LAB C218	38
39	TEACHER & TV RECEPTS - CLASS 205		20 A	1		720 / 180		1	20 A		FUME HOOD - CHEM C219B	40
41	GEN RECEPTS - CLASS C205		20 A	1			900 / 0	1	20 A		SPARE	42
	TOTALS :				8460 VA	8820 VA	7740 VA					

TOTAL CONNECTED LOAD (VA) : 25020 VA | **TOTAL CONNECTED LOAD (AMPS) :** 69 A

REMARKS:
FEED THROUGH LUGS

NOTES:

3CHP1 — PANELBOARD SCHEDULE

LOCATION : MEZZANINE C300 | **SCCR (AMPS RMS SYMM):** 35000 | **SERVICE :** 480Y/277V 3Φ 4-Wire+Ground | **AMP :** 400 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	LIGHTING MEZZANINE		20 A	1	576 / 0							2
3	SPARE		20 A	1		0 / 0		3	15 A		SPARE	4
5	SPARE		20 A	1			0 / 0					6
7					3333 / 0							8
9	EPUH-A MECH C300		20 A	3		3333 / 0		3	20 A		SPARE	10
11							3333 / 0					12
13					0 / 0							14
15	SPARE		20 A	3		0 / 0		3	20 A		SPARE	16
17							0 / 0					18
19					0 / 0							20
21	SPARE		20 A	3		0 / 0		3	20 A		SPARE	22
23							0 / 0					24
25					0 / 0							26
27	SPARE		20 A	3		0 / 0		3	20 A		SPARE	28
29							0 / 0					30
31					0 / 0							32
33	SPARE		20 A	3		0 / 0		3	20 A		SPARE	34
35							0 / 0					36
37					1872 / 46924							38
39	3CTP1		30 A	3		360 / 46924		3	175 A		ERV-C MEC

1DLT — PANELBOARD SCHEDULE

LOCATION : MDF D116 | **SCCR (AMPS RMS SYMM):** 10000 | **SERVICE :** 208Y/120V 3Φ 4-Wire+Ground | **AMP :** 150 A | **MAIN :** MCB | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	AV RACK - MDF D116		20 A	1	360 / 0			1	20 A		SPARE	8
9	AV RACK - MDF D116		30 A	2		500 / 0		1	20 A		SPARE	10
11							500 / 0	1	20 A		SPARE	12
13	RECEPTS - MDF D116		20 A	1	1080 / 0			1	20 A		SPARE	14
15	DXFC-A - MDF D116		15 A	2		500 / 0		1	20 A		SPARE	16
17							500 / 0	1	20 A		SPARE	18
19	HP-A (ON ROOFTOP)		30 A	2	2038 / 0			1	20 A		SPARE	20
21						2038 / 0		1	20 A		SPARE	22
23	RECEPT - HP-A (ON ROOFTOP)		20 A	1			180 / 0	1	20 A		SPARE	24
25	SPARE		20 A	1	0 / 0			1	20 A		SPARE	26
27	SPARE		20 A	1		0 / 0		1	20 A		SPARE	28
29	SPARE		20 A	1			0 / 0	1	20 A		SPARE	30
31	SPARE		20 A	1	0 / 0			1	20 A		SPARE	32
33	SPARE		20 A	1		0 / 0		1	20 A		SPARE	34
35	SPARE		20 A	1			0 / 0	1	20 A		SPARE	36
37	SPARE		20 A	1	0 / 0			1	20 A		SPARE	38
39	SPARE		20 A	1		0 / 0		1	20 A		SPARE	40
41	SPARE		20 A	1			0 / 0	1	20 A		SPARE	42
				TOTALS :	3478 VA	3038 VA	1180 VA					

TOTAL CONNECTED LOAD (VA) : 7697 VA **TOTAL CONNECTED LOAD (AMPS) :** 21 A

REMARKS:

NOTES:

1DH1 — PANELBOARD SCHEDULE

LOCATION : ELEC. D109 | **SCCR (AMPS RMS SYMM):** 35000 | **SERVICE :** 480Y/277V 3Φ 4-Wire+Ground | **AMP :** 100 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	LTG - D100-D109		20 A	1	1622 / 1000			3	20 A		ECUH-A - VEST V008	8
9	LTG - D112-D115		20 A	1		1928 / 1000						10
11	LIGHTING		20 A	1			1802 / 1000					12
13	SPARE		20 A	1	0 / 1000			3	20 A		ECUH-A - VEST V005	14
15	LTG - UNIT D COMMONS		20 A	1		1114 / 1000						16
17	LTG - UNIT D CAFETERIA NORTH		20 A	1			1764 / 1000					18
19	SPARE		20 A	1	0 / 0			1	20 A		SPARE	20
21	SPARE		20 A	1		0 / 0		1	20 A		SPARE	22
23	SPARE		20 A	1			0 / 0	1	20 A		SPARE	24
25	TRANSFORMER '1DT1' TO 1DL1		45 A	3	4600 / 0			3	30 A		SPD	26
27						5680 / 0						28
29							4724 / 0					30
				TOTALS :	8222 VA	10722 VA	10290 VA					

TOTAL CONNECTED LOAD (VA) : 29234 VA **TOTAL CONNECTED LOAD (AMPS) :** 35 A

REMARKS:

NOTES:

1DL2 — PANELBOARD SCHEDULE

LOCATION : STORAGE D115 | **SCCR (AMPS RMS SYMM):** 10000 | **SERVICE :** 208Y/120V 3Φ 4-Wire+Ground | **AMP :** 225 A | **MAIN :** MCB | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	RECEPT - FOOD LAB D114		20 A	1	180 / 0			1	20 A		SPARE	2
3	DISHWASHER - FOOD LAB D114		20 A	1		1000 / 0		1	20 A		SPARE	4
5	REFRIGERATOR - FOOD LAB D114		20 A	1			720 / 0	1	20 A		SPARE	6
7	WASHER - FOOD LAB D114		20 A	1	1440 / 4160			2	50 A		RANGE - FOOD LAB D114	8
9	RECEPTS - FOOD LAB D114		20 A	1		720 / 4160						10
11	RECEPTS - FOOD LAB D114		20 A	1			540 / 4160	2	50 A		RANGE - FOOD LAB D114	12
13	MICROWAVE - FOOD LAB D114		20 A	1	1500 / 4160							14
15	MICROWAVE - FOOD LAB D114		20 A	1		1500 / 4160		2	50 A		RANGE - FOOD LAB D114	16
17	RANGE HOOD - FOOD LAB D114		20 A	1			600 / 4160					18
19	RECEPTS - FOOD LAB D114		20 A	1	720 / 4160			2	50 A		RANGE - FOOD LAB D114	20
21	MICROWAVE - FOOD LAB D114		20 A	1		1500 / 4160						22
23	RANGE HOOD - FOOD LAB D114		20 A	1			600 / 4160	2	50 A		RANGE - FOOD LAB D114	24
25	RECEPTS - FOOD LAB D114		20 A	1	720 / 4160							26
27	MICROWAVE - FOOD LAB D114		20 A	1		1500 / 4160		2	50 A		RANGE - FOOD LAB D114	28
29	RECEPTS - FOOD LAB D114		20 A	1			1080 / 4160					30
31	RECEPTS - FOOD LAB D114		20 A	1	720 / 4160			2	50 A		RANGE - FOOD LAB D114	32
33	RECEPTS - FOOD LAB D114		20 A	1		720 / 4160						34
35	RANGE HOOD - FOOD LAB D114		20 A	1			600 / 2200	2	30 A		DRYER - FOOD LAB D114	36
37	MICROWAVE - FOOD LAB D114		20 A	1	1500 / 2200							38
39	MICROWAVE - FOOD LAB D114		20 A	1		1500 / 1500		1	20 A		RECEPTS - FOOD LAB D114	40
41	SPARE		20 A	1			0 / 1500	1	20 A		RECEPTS - FOOD LAB D114	42
				TOTALS :	29780 VA	30740 VA	24480 VA					

TOTAL CONNECTED LOAD (VA) : 85000 VA **TOTAL CONNECTED LOAD (AMPS) :** 236 A

REMARKS:

NOTES:

1DL1 — PANELBOARD SCHEDULE

LOCATION : ELEC. D109 | **SCCR (AMPS RMS SYMM):** 10000 | **SERVICE :** 208Y/120V 3Φ 4-Wire+Ground | **AMP :** 100 A | **MAIN :** MCB | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	TEACHER & TV RECEPTS - CLASS D104		20 A	1	720 / 180			1	20 A		NAC PANELS - ELEC D109	8
9	GEN RECEPTS - CLASS D104		20 A	1		900 / 180		1	20 A		RECEPT - ELEVATOR MAINTENANCE	10
11	RECEPTS - ELEC D109, OFFICE D106, CUST D107		20 A	1			1080 / 84	1	20 A		LTG - UNIT D ELEVATOR BOTTOM SHAFT	12
13	RECEPTS - OFFICE (PT) D102		20 A	1	900 / 180			1	20 A		TV MONITOR - CAFETERIA D132	14
15	RECEPTS - OFFICE (OT) D101		20 A	1		900 / 1000		1	20 A		ADA DOOR OPERATOR - VEST V008	16
17	RECEPTS - FLEX ROOM D100		20 A	1			1080 / 180	1	20 A		RECEPT - VESTIBULE V008	18
19	RECEPTS - OFFICE D113		20 A	1	1080 / 1000			1	20 A		ADA DOOR OPERATOR - VEST V005	20
21	RECEPTS - COACH D112		20 A	1		1080 / 180		1	20 A		RECEPT - VESTIBULE V005	22
23	RECEPTS - HELP DESK D111		20 A	1			1440 / 500	1	20 A		BOTTLE FILLER - CORR D136	24
25	TV RECEPT - CAFETERIA D132		20 A	1	180 / 0			1	20 A		SPARE	26
27	STEM GARDEN - CAFETERIA D132		20 A	1		540 / 0		1	20 A		SPARE	28
29	EXTERIOR RECEPT		20 A	1			180 / 0	1	20 A		SPARE	30
31	RECEPT CAFETERIA-3 D132-3		20 A	1	180 / 0			1	20 A		SPARE	32
33	TV RECEPT - CAFETERIA D132		20 A	1		180 / 0		1	20 A		SPARE	34
35	RECEPT - TECH STORAGE D110		20 A	1			180 / 0	1	20 A		SPARE	36
37	RECEPT - TECH STORAGE D110		20 A	1	180 / 0			3	30 A		SPARE	38
39	RECEPT - TECH STORAGE D110		20 A	1		720 / 0						40
41	SPARE		20 A	1			0 / 0					42
				TOTALS :	4600 VA	5680 VA	4724 VA					

TOTAL CONNECTED LOAD (VA) : 15004 VA **TOTAL CONNECTED LOAD (AMPS) :** 42 A

REMARKS:

NOTES:

2DH1 — PANELBOARD SCHEDULE

LOCATION : ELEC D205 | **SCCR (AMPS RMS SYMM):** 35000 | **SERVICE :** 480Y/277V 3Φ 4-Wire+Ground | **AMP :** 225 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	LTG - D200-D203, D205, D211		20 A	1	1962 / 0			1	20 A		SPARE	8
9	LTG - UNIT D CENTRAL - STAIRS, D206-D208,...		20 A	1		1854 / 0		1	20 A		SPARE	10
11	LTG - D218-D221		20 A	1			2344 / 0	1	20 A		SPARE	12
13	LTG - D212-D17		20 A	1	1870 / 0			1	20 A		SPARE	14
15	LTG - UNIT D 2F COMMONS/STAIRS - D209		20 A	1		4028 / 0		1	20 A		SPARE	16
17	SPARE		20 A	1			0 / 0	1	20 A		SPARE	18
19	SPARE		20 A	1	0 / 0			1	20 A		SPARE	20
21	SPARE		20 A	1		0 / 0		1	20 A		SPARE	22
23	SPARE		20 A	1			0 / 0	1	20 A		SPARE	24
25	SPARE		20 A	1	0 / 0			1	20 A		SPARE	26
27	SPARE		20 A	1		0 / 0		1	20 A		SPARE	28
29	SPARE		20 A	1			0 / 0	1	20 A		SPARE	30
31	SPARE		20 A	1	0 / 0			1	20 A		SPARE	32
33	SPARE		20 A	1		0 / 0		1	20 A		SPARE	34
35	SPARE		20 A	1			0 / 0	1	20 A		SPARE	36
37	TRANSFORMER '2DT1' TO 2DL1		125 A	3	24913 / 0			3	30 A		SPD	38
39						27913 / 0						40
41							24128 / 0					42
				TOTALS :	28745 VA	33796 VA	26472 VA					

TOTAL CONNECTED LOAD (VA) : 89013 VA **TOTAL CONNECTED LOAD (AMPS) :** 107 A

REMARKS:

NOTES:

2DL2 — PANELBOARD SCHEDULE

LOCATION : ELEC D205 | **SCCR (AMPS RMS SYMM):** 10000 | **SERVICE :** 208Y/120V 3Φ 4-Wire+Ground | **AMP :** 250 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	MOTORIZED ROLLER SHADES		20 A	1	1920 / 4767			3	50 A		RECEPT KILN D201	8
9	MOTORIZED ROLLER SHADES		20 A	1		1920 / 4767						10
11	MOTORIZED ROLLER SHADES		20 A	1			1920 / 4767					12
13	MOTORIZED ROLLER SHADES		20 A	1	1920 / 4767			3	50 A		RECEPT KILN D201	14
15	MOTORIZED ROLLER SHADES		20 A	1		1920 / 4767						16
17	MOTORIZED ROLLER SHADES		20 A	1			1920 / 4767					18
19	MOTORIZED ROLLER SHADES		20 A	1	720 / 720			1	20 A		TEACHER & TV RECEPTS - ART LAB D200	20
21	MOTORIZED ROLLER SHADES		20 A	1		1920 / 1440		1	20 A		RECEPTS - ART LAB D200	22
23	MOTORIZED ROLLER SHADES		20 A	1			1920 / 900	1	20 A		RECEPTS - ART LAB D200	24
25	MOTORIZED ROLLER SHADES		20 A	1	1920 / 0			1	20 A		SPARE	26
27	MOTORIZED ROLLER SHADES		20 A	1		1920 / 0		1	20 A		SPARE	28
29	MOTORIZED ROLLER SHADES		20 A	1			240 / 0	1	20 A		SPARE	30
31	MOTORIZED ROLLER SHADES		20 A	1	1920 / 0			1	20 A		SPARE	32
33	MOTORIZED ROLLER SHADES		20 A	1		1920 / 0		1	20 A		SPARE	34
35	MOTORIZED ROLLER SHADES		20 A	1			480 / 180	1	20 A		NAC PANELS	36
37	SPARE		20 A	1	0 / 0			3	30 A		SPD	38
39	SPARE		20 A	1		0 / 0						40
41	SPARE		20 A	1			0 / 0					42
				TOTALS :	18653 VA	20573 VA	17093 VA					

TOTAL CONNECTED LOAD (VA) : 56320 VA **TOTAL CONNECTED LOAD (AMPS) :** 156 A

REMARKS:

NOTES:

2DL1 — PANELBOARD SCHEDULE

LOCATION : ELEC D205 | **SCCR (AMPS RMS SYMM):** 10000 | **SERVICE :** 208Y/120V 3Φ 4-Wire+Ground | **AMP :** 250 A | **MAIN :** MCB | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	RECEPT MEDIA CENTER D223		20 A	1	1260 / 500			1	20 A		DISPLAY CASES - CORRIDOR D222	8
9	RECEPT MEDIA CENTER D223		20 A	1		1620 / 500		1	20 A		DISPLAY CASES - CORRIDOR D222	10
11	RECEPT MAT GYM G200		20 A	1			540 / 180	1	20 A		GOGGLE CABINET - PLTW LAB D218	12
13	RECEPT PLTW D213		20 A	1	900 / 360			1	20 A		RECEPT INNOVATION LAB D212	14
15	RECEPT PLTW D213		20 A	1		720 / 0		1	20 A		SPARE	16
17	RECEPT STAIR-1 ST205-1		20 A	1			1080 / 0	1	20 A		SPARE	18
19	RECEPT STAIR-2 ST205-2		20 A	1	720 / 0			1	20 A		SPARE	20
21	RECEPT STAIR-2 ST205-2		20 A	1		720 / 0		1	20 A		SPARE	22
23	RECEPTS - M R D211, GIRLS R228		20 A	1			1080 / 375	1	20 A		RECEPT - ELEVATOR MAINTENANCE	24
25	RECEPT MAT GYM G200		20 A	1	540 / 180			1	20 A		ELEVATOR CABIN LIGHTS	26
27	RECEPT PLTW LAB D218		20 A	1		1260 / 360		1	20 A		COPIER - WORK ROOM D209	28
29	CORD REELS - PLTW LAB D218		20 A	1			720 / 540	1	20 A		COUNTER RECEPTS - WORK ROOM D209	30
31	CORD REELS - PLTW LAB D218		20 A	1	720 / 180			1	20 A	1	WATER COOLER - CORRIDOR D224	32
33	CORD REELS - PLTW LAB D218		20 A	1		720 / 180		1	20 A	1	WATER COOLER - MEDIA CENTER D223	34
35	RECEPTS - PLTW D219		20 A	1			900 / 900	1	20 A		RECEPTS - PLTW LAB D218	36
37	TEACHER & TV RECEPTS - PLTW D219		20 A	1	720 / 180			1	20 A		RECEPT - GREEN ROOM D215	38
39	RECEPT INNOVATION LAB D212		20 A	1		720 / 540		1	20 A		RECEPTS - SGR D206, D208	40
41	RECEPT INNOVATION LAB D212		20 A	1			360 / 360	1	20 A		TV RECEPT - MEDIA CENTER-1 D223-1	42
				TOTALS :	6260 VA	7340 VA	7035 VA					

TOTAL CONNECTED LOAD (VA) : 20634 VA **TOTAL CONNECTED LOAD (AMPS) :** 57 A

REMARKS:
FEED THROUGH LUGS

NOTES:
1. 20A-1P GFCI BREAKER

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	LPC	TEH

DRAWING TITLE:
SCHEDULES - PANELBOARDS - UNIT D

CERTIFIED BY:
TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER
Timothy E. Hill 8/09/2024

DRAWING NUMBER
E615

PROJECT NUMBER
2023061

1EHP2 — PANELBOARD SCHEDULE

LOCATION : ELEC. E151 | **SCCR (AMPS RMS SYMM):** 35000 | **SERVICE :** 480Y/277V 3Φ 4-Wire+Ground | **AMP :** 400 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1					0 / 0							2
3	SPARE		15 A	3		0 / 0		3	15 A		SPARE	4
5							0 / 0					6
7					2465 / 2327			1	15 A		WSHP-E127 MECH. E140	8
9	WSHP-E135 MECH E140		15 A	3		2465 / 1330		1	15 A		WSHP-E141 MECH. E140	10
11							2465 / 0	1	20 A		SPARE	12
13					2465 / 0			1	20 A		SPARE	14
15	WSHP-E104 MECH E140		15 A	3		2465 / 0		1	20 A		SPARE	16
17							2465 / 0	1	20 A		SPARE	18
19					4017 / 0			1	20 A		SPARE	20
21	WSHP-E101 MECH E140		25 A	3		4017 / 0		1	20 A		SPARE	22
23							4017 / 0	1	20 A		SPARE	24
25	SPARE		20 A	1	0 / 0			1	20 A		SPARE	26
27	SPARE		20 A	1		0 / 0		1	20 A		SPARE	28
29	SPARE		20 A	1			0 / 0	1	20 A		SPARE	30
31	SPARE		20 A	1	0 / 0			1	20 A		SPARE	32
33	SPARE		20 A	1		0 / 0		1	20 A		SPARE	34
35	SPARE		20 A	1			0 / 0	1	20 A		SPARE	36
37					0 / 0							38
39	SPARE		15 A	3		0 / 0		3	30 A		SPD	40
41							0 / 0					42
	TOTALS :				11274 VA	10277 VA	8947 VA					

TOTAL CONNECTED LOAD (VA) : 30499 VA | **TOTAL CONNECTED LOAD (AMPS) :** 37 A

REMARKS:

NOTES:

1EHP1 — PANELBOARD SCHEDULE

LOCATION : ELEC. E151 | **SCCR (AMPS RMS SYMM):** 35000 | **SERVICE :** 480Y/277V 3Φ 4-Wire+Ground | **AMP :** 400 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1					0 / 0							2
3	SPARE		15 A	3		0 / 0		3	15 A		SPARE	4
5							0 / 0					6
7					11080 / 2327			1	15 A		WSHP-E111 MECH E121	8
9	ERV-E UNIT E ROOFTOP		45 A	3		11080 / 2327		1	15 A		WSHP-E107 MECH E121	10
11							11080 / 2327	1	15 A		WSHP-E114 MECH E121	12
13					2465 / 1856			1	15 A		WSHP-E117 MECH E121	14
15	WSHP-D121 MECH E121		15 A	3		2465 / 1856		1	15 A		WSHP-E118 MECH E121	16
17							2465 / 2327	1	15 A		WSHP-E132 MECH E121	18
19					2465 / 1330			1	15 A		WSHP-E124 MECH E121	20
21	WSHP-D120 MECH E121		15 A	3		2465 / 2327		1	15 A		WSHP-E120 MECH E121	22
23							2465 / 2327	1	15 A		WSHP-E123 MECH E121	24
25					3435 / 2327			1	15 A		WSHP-E109 MECH E121	26
27	WSHP-D122 MECH E121		20 A	3		3435 / 2327		1	15 A		WSHP-E119 MECH E121	28
29							3435 / 0	1	20 A		SPARE	30
31					1856 / 0			1	20 A		SPARE	32
33	WSHP-E110 MECH E121		15 A	3		1856 / 0		1	20 A		SPARE	34
35							1856 / 0	1	20 A		SPARE	36
37					1856 / 0			1	20 A		SPARE	38
39	WSHP-E129 MECH E121		15 A	3		1856 / 0		1	20 A		SPARE	40
41							1856 / 0	1	20 A		SPARE	42
	TOTALS :				42272 VA	42272 VA	39086 VA					

TOTAL CONNECTED LOAD (VA) : 123630 VA | **TOTAL CONNECTED LOAD (AMPS) :** 149 A

REMARKS:
FEED THHROUGH LUGS

NOTES:

1EH1 — PANELBOARD SCHEDULE

LOCATION : ELEC. E151 | **SCCR (AMPS RMS SYMM):** 35000 | **SERVICE :** 480Y/277V 3Φ 4-Wire+Ground | **AMP :** 225 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	LTG - E131, E135-E141		20 A	1	1467 / 2000							8
9	LTG - E115, E117-E120, E122-E130, E132		20 A	1		2914 / 2000		3	20 A		ECUH-8 - VEST V001	10
11	LTG - E101-E0114, E116		20 A	1			1878 / 2000					12
13	LTG - UNIT E COMMONS		20 A	1	2320 / 0			1	20 A		SPARE	14
15	LTG - CORRIDOR D132-1		20 A	1		82 / 0		1	20 A		SPARE	16
17	LTG - CORRIDOR E150		20 A	1			51 / 0	1	20 A		SPARE	18
19					830 / 0			1	20 A		SPARE	20
21	COILING DOOR - CORRIDOR E150		20 A	3		830 / 0		1	20 A		SPARE	22
23							830 / 0	1	20 A		SPARE	24
25	LIGHTING		20 A	1	1873 / 0			1	20 A		SPARE	26
27	LIGHTING		20 A	1		1154 / 0		1	20 A		SPARE	28
29	LTG - D116, D117, D119, D121		20 A	1			1228 / 0	1	20 A		SPARE	30
31	LTG - D118, D120, D122, D124		20 A	1	2629 / 0			1	20 A		SPARE	32
33	LIGHTING		20 A	1		1116 / 0		1	20 A		SPARE	34
35	LTG - UNIT D CAFETERIA SOUTH		20 A	1			725 / 0	1	20 A		SPARE	36
37					21244 / 0							38
39	TRANSFORMER "1ET1" TO 1EL1, 1EL2		125 A	3		26064 / 0		3	30 A		SPD	40
41							23464 / 0					42
	TOTALS :				32363 VA	34161 VA	30176 VA					

TOTAL CONNECTED LOAD (VA) : 96700 VA | **TOTAL CONNECTED LOAD (AMPS) :** 116 A

REMARKS:

NOTES:

1EL2 — PANELBOARD SCHEDULE

LOCATION : ELEC. E151 | **SCCR (AMPS RMS SYMM):** 10000 | **SERVICE :** 208Y/120V 3Φ 4-Wire+Ground | **AMP :** 250 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7					1664 / 1000			1	20 A		TEMPERATURE CONTROL PANEL - MECH E121	8
9	STACKED WASHER/DRYER - KITCHEN D123		30 A	3		1664 / 1000		1	20 A		TEMPERATURE CONTROL PANEL - MECH E121	10
11							1664 / 1000	1	20 A		TEMPERATURE CONTROL PANEL - MECH E140	12
13	RANGE - KITCHEN D123		50 A	2	4160 / 360			1	20 A		RECEPT - MECH E121	14
15						4160 / 180		1	20 A		RECEPT - ERV-E (ON ROOFTOP)	16
17	RECEPT - IDF E108		20 A	1			1080 / 720	1	20 A		RECEPTS - CORR D125, VEST V002	18
19	AV RACK - IDF E108		20 A	1	360 / 500			1	20 A		ADA DOOR OPERATOR - V002	20
21	RECEPTS - OFFICE E136		20 A	1		900 / 720		1	20 A		TEACHER & TV RECEPTS - LIFE SKILLS LAB D122	22
23	RECEPTS - OFFICE E138		20 A	1			900 / 1080	1	20 A		RECEPTS - LIFE SKILLS LAB D122	24
25	RECEPTS - SRO E141		20 A	1	1080 / 720			1	20 A		TEACHER & TV RECEPTS - LAB D120	26
27	COUNTERTOP RECEPTS - CLINIC E135		20 A	1		1080 / 720		1	20 A		RECEPTS - LIFE SKILLS LAB D120	28
29	REFRIGERATOR - CLINIC E135		20 A	1			1500 / 720	1	20 A		TEACHER & TV RECEPTS - APPLIED ACAD. D118	30
31	RECEPTS - CLINIC E135		20 A	1	900 / 720			1	20 A		RECEPTS - APPLIED ACADEMICS D118	32
33	RECEPTS - ATTENDANCE E136, RECEPTION E101		20 A	1		2160 / 720		1	20 A		TEACHER &TV RECEPTS - APPLIED ACAD. D121	34
35	ADA DOOR OPERATOR - VEST V001		20 A	1			1180 / 720	1	20 A		RECEPTS - APPLIED ACADEMICS D121	36
37	RECEPTS - CORR E150, VEST V001		20 A	1	1440 / 0							38
39	DISPLAY CASE - CORR E150		20 A	1		1000 / 0		3	30 A		SPD	40
41	TV RECEPT - CORR E150		20 A	1			360 / 0					42
	TOTALS :				12904 VA	14304 VA	10924 VA					

TOTAL CONNECTED LOAD (VA) : 38132 VA | **TOTAL CONNECTED LOAD (AMPS) :** 106 A

REMARKS:

NOTES:

1EL1 — PANELBOARD SCHEDULE

LOCATION : ELEC. E151 | **SCCR (AMPS RMS SYMM):** 10000 | **SERVICE :** 208Y/120V 3Φ 4-Wire+Ground | **AMP :** 250 A | **MAIN :** MCB | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	RECEPTS - STAFF ROOM E120		20 A	1	720 / 900			1	20 A		RECEPTS - OFFICE E117	8
9	RECEPTS - STAFF ROOM E120		20 A	1		1440 / 1080		1	20 A		RECEPTS - OFFICE E124	10
11	REFRIGERATOR - STAFF ROOM E120		20 A	1			1500 / 1080	1	20 A		RECEPTS - AP OFFICE E128, STOR 126	12
13	MICROWAVE STAFF ROOM E120		20 A	1	1500 / 720			1	20 A		TEACHER & TV RECEPTS - SUPPORT E132	14
15	MICROWAVE STAFF ROOM E120		20 A	1		1500 / 900		1	20 A		RECEPTS - SUPPORT E132	16
17	COUNTER RECEPTS - KITCHEN D123		20 A	1			900 / 900	1	20 A		RECEPTS - AP OFFICE E129	18
19	REFRIGERATOR - KITCHEN D123		20 A	1	180 / 900			1	20 A		RECEPTS - AP OFFICE E130	20
21	RECEPTS - OFFICE E119		20 A	1		900 / 900		1	20 A		RECEPTS - CONF E110	22
23	RECEPTS - OFFICE E116		20 A	1			900 / 1800	1	20 A		RECEPTS - CORR E143, STUDENT SERVICES...	24
25	RECEPTS - OFFICE E114		20 A	1	900 / 360			1	20 A		RECEPTS - STOR E103, E131	26
27	RECEPT - STG/OFFICE E113, CUST E112		20 A	1		540 / 360		1	20 A		COPIER - CORR E143	28
29	RECEPTS - OFFICE E111		20 A	1			900 / 960	1	20 A		COUNTER RECEPTS - CORR E143	30
31	RECEPTS - CONF. E109		20 A	1	1080 / 180			1	20 A		NAC PANELS - MECH E121	32
33	RECEPTS - P. OFFICE E107, STOR E106		20 A	1		1260 / 900		1	20 A		RECEPTS - RR 127, 128, 129, SENSORY D119	34
35	RECEPTS - TREAS E104, STOR E105		20 A	1			1260 / 180	1	20 A		RECEPT MECH. E140	36
37	RECEPTS - FAMILY ROOM E102		20 A	1	900 / 0							38
39	RECEPTS - OFFICE E122		20 A	1		1080 / 900		1	20 A		RECEPTS - OFFICE E125	40
41	RECEPTS - OFFICE E123		20 A	1			900 / 1260	1	20 A		RECEPTS - OFFICE E118	42
	TOTALS :				8340 VA	11760 VA	12540 VA					

TOTAL CONNECTED LOAD (VA) : 32640 VA | **TOTAL CONNECTED LOAD (AMPS) :** 91 A

REMARKS:
FEED THROUGH LUGS

NOTES:

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. They are not intended to be complete in order to describe all work required for full performance and completion of the requirements of the Contract.
Within the limits of the indicated scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	LPC	TEH

DRAWING TITLE:
SCHEDULES - PANELBOARDS - UNIT E

CERTIFIED BY:
TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/ 09/ 2024

DRAWING NUMBER
E616

PROJECT NUMBER
2023061

1FHP1 — PANELBOARD SCHEDULE

LOCATION : MAIN ELEC. F115 | SCCR (AMPS RMS SYMM): 35000 | SERVICE : 480Y/277V 3Φ 4-Wire+Ground | AMP : 400 A | MAIN : MLO | NEMA: Type 1 | MOUNTING : SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7					3875 / 3333							8
9	TRASH COMPACTOR		30 A	3		3875 / 3333		3	20 A		EPUH-A - WATER SERVICE F114	10
11							3875 / 3333					12
13					3333 / 1667							14
15	EPUH-A - MECH F113		20 A	3		3333 / 1667		3	20 A		EPUH-A - MAIN ELEC. F115	16
17							3333 / 1667					18
19					3333 / 581							20
21	EPUH-A - MECH F113		20 A	3		3333 / 581		3	20 A		JOCKEY PUMP - WATER SERVICE F114	22
23							3333 / 581					24
25					9134 / 18013							26
27	BP-A - WATER SERVICE F114		40 A	3		9134 / 18013		3	100 A		GLP-A3	28
29							9134 / 18013					30
31					18013 / 3333							32
33	GLP-A1		100 A	3		18013 / 3333		3	20 A		EPUH-A - CUST. SUPPORT F111	34
35							18013 / 3333					36
37					18013 / 0							38
39	GLP-A2		100 A	3		18013 / 0		3	30 A		SPD	40
41							18013 / 0					42
				TOTALS :	82631 VA	82631 VA	82631 VA					

TOTAL CONNECTED LOAD (VA) : 247893 VA | TOTAL CONNECTED LOAD (AMPS) : 298 A

REMARKS:

NOTES:

1FH1 — PANELBOARD SCHEDULE

LOCATION : MAIN ELEC. F115 | SCCR (AMPS RMS SYMM): 35000 | SERVICE : 480Y/277V 3Φ 4-Wire+Ground | AMP : 225 A | MAIN : MLO | NEMA: Type 1 | MOUNTING : SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	LTG - F113-F115		20 A	1	1055 / 0			1	20 A		SPARE	8
9	LTG - F110, F111, F118-F122		20 A	1		2143 / 0		1	20 A		SPARE	10
11	LIGHTING		20 A	1			1471 / 0	1	20 A		SPARE	12
13	SITE LIGHTING - NORTHEAST DRIVE		20 A	1	2805 / 0			1	20 A		SPARE	14
15	SITE LIGHTING - SE LOT, MAIN ENTRANCE,...		20 A	1		2185 / 0		1	20 A		SPARE	16
17	SITE LIGHTING - NORTH LOT		20 A	1			2315 / 0	1	20 A		SPARE	18
19	SITE LIGHTING - NW ENTRANCE, WEST LOT		20 A	1	2386 / 0			1	20 A		SPARE	20
21	SITE LIGHTING - SW ENTRANCE, MONUMENT...		20 A	1		1543 / 0		1	20 A		SPARE	22
23	SPARE		20 A	1			0 / 0	1	20 A		SPARE	24
25	SPARE		20 A	1	0 / 0			1	20 A		SPARE	26
27	SPARE		20 A	1		0 / 0		1	20 A		SPARE	28
29	SPARE		20 A	1			0 / 0	1	20 A		SPARE	30
31	SPARE		20 A	1	0 / 0			1	20 A		SPARE	32
33	SPARE		20 A	1		0 / 0		1	20 A		SPARE	34
35	SPARE		20 A	1			0 / 0	1	20 A		SPARE	36
37	SPARE		20 A	1	0 / 0							38
39	SPARE		20 A	1		0 / 0		3	30 A		SPD	40
41	SPARE		20 A	1			0 / 0					42
				TOTALS :	6246 VA	5871 VA	3786 VA					

TOTAL CONNECTED LOAD (VA) : 15903 VA | TOTAL CONNECTED LOAD (AMPS) : 19 A

REMARKS:

NOTES:

1FL1 — PANELBOARD SCHEDULE

LOCATION : MAIN ELEC. F115 | SCCR (AMPS RMS SYMM): 10000 | SERVICE : 208Y/120V 3Φ 4-Wire+Ground | AMP : 250 A | MAIN : MCB | NEMA: Type 1 | MOUNTING : SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	GMU-GL		20 A	1	1176 / 600			1	20 A		MOTORIZED DOOR - CUST. SUPPORT F111	8
9	TEMPERATURE CONTROL PANEL		20 A	1		1000 / 1200		1	20 A		WASHER - CUST. SUPPORT F111	10
11	CIRC. PUMP		15 A	1			696 / 2496	2	30 A		DRYER - CUST. SUPPORT F111	12
13	CIRC. PUMP		15 A	1	696 / 2496							14
15	WATER HEATER WH-A		20 A	2		500 / 900		1	20 A		RECEPTS - OFFICE F112	16
17							500 / 360	1	20 A		CHARGING RECEPTS - CUST. SUPPORT F111	18
19	WATER HEATER WH-A		20 A	2	500 / 540			1	20 A		CHARGING RECEPTS - CUST. SUPPORT F111	20
21						500 / 360		1	20 A		CHARGING RECEPTS - CUST. SUPPORT F111	22
23	RECEPTS - MAIN ELEC. F115		20 A	1			540 / 360	1	20 A		NORTH RECEPTS - CORRIDOR F110	24
25	WATER SOFTENER		20 A	1	180 / 360			1	20 A		RECEPTS - CORRIDOR F110	26
27	RECEPT - TRASH COMPACTOR		20 A	1		360 / 360		1	20 A		AV RACK - IDF F102	28
29	LTG - DRESSING F121-2 MARQUEE LIGHTING		20 A	1			252 / 1080	1	20 A		RECEPT - IDF F102	30
31	LTG - DRESSING F122-2 MARQUEE LIGHTING		20 A	1	252 / 180			1	20 A		TV RECEPT - STAGE F116	32
33	EXT, LIGHTING CONTACTOR - MAIN ELEC. F115		20 A	1		240 / 180		1	20 A		RECEPT	34
35	SPARE		20 A	1			0 / 0	1	20 A		SPARE	36
37	SPARE		20 A	1	0 / 0			1	20 A		SPARE	38
39	SPARE		20 A	1		0 / 0		1	20 A		SPARE	40
41	SPARE		20 A	1			0 / 0	1	20 A		SPARE	42
				TOTALS :	6980 VA	5600 VA	6284 VA					

TOTAL CONNECTED LOAD (VA) : 18864 VA | TOTAL CONNECTED LOAD (AMPS) : 52 A

REMARKS:

NOTES:

2FHP2 — PANELBOARD SCHEDULE

LOCATION : MEZZANINE F202 | SCCR (AMPS RMS SYMM): 35000 | SERVICE : 480Y/277V 3Φ 4-Wire+Ground | AMP : 400 A | MAIN : MLO | NEMA: Type 1 | MOUNTING : SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7					1000 / 0							8
9	EPUH-A - MEZZ F202		20 A	3		1000 / 0		3	15 A		SPARE	10
11							1000 / 0					12
13					1000 / 0							14
15	EPUH-A - MEZZ F202		20 A	3		1000 / 0		3	15 A		SPARE	16
17							1000 / 0					18
19					1000 / 0							20
21	EPUH-A - MEZZ F202		20 A	3		1000 / 0		3	15 A		SPARE	22
23							1000 / 0					24
25	SPARE		20 A	1	0 / 0							26
27	SPARE		20 A	1		0 / 0		3	20 A		SPARE	28
29	SPARE		20 A	1			0 / 0					30
31	SPARE		20 A	1	0 / 0							32
33	SPARE		20 A	1		0 / 0		3	20 A		SPARE	34
35	SPARE		20 A	1			0 / 0					36
37	SPARE		20 A	1	0 / 0							38
39	SPARE		20 A	1		0 / 0		3	20 A		SPARE	40
41	SPARE		20 A	1			0 / 0					42
				TOTALS :	3000 VA	3000 VA	3000 VA					

TOTAL CONNECTED LOAD (VA) : 9000 VA | TOTAL CONNECTED LOAD (AMPS) : 11 A

REMARKS:

NOTES:

2FHP1 — PANELBOARD SCHEDULE

LOCATION : MEZZANINE F202 | SCCR (AMPS RMS SYMM): 35000 | SERVICE : 480Y/277V 3Φ 4-Wire+Ground | AMP : 400 A | MAIN : MLO | NEMA: Type 1 | MOUNTING : SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1					0 / 0							2
3	SPARE		20 A	3		0 / 0		3	20 A		SPARE	4
5							0 / 0					6
7					2465 / 23462							8
9	WSHP-F111 MECH F202		15 A	3		2465 / 23462		3	110 A		ERV-F MECH F202	10
11							2465 / 23462					12
13					6094 / 8089							14
15	WSHP-F116 MECH F202		25 A	3		6094 / 8089		3	35 A		WSHP-F150 MECH F202	16
17							6094 / 8089					18
19					6094 / 2465							20
21	WSHP-F100 MECH F202		25 A	3		6094 / 2465		3	15 A		WSHP-F118 MECH F202	22
23							6094 / 2465					24
25					6094 / 8559							26
27	WSHP-F101 MECH F202		25 A	3		6094 / 8559		3	45 A		WSHP-F124 MECH F202	28
29							6094 / 8559					30
31					16434 / 1330			1	20 A		WSHP-F112 MECH F202	32
33	WSHP-F132 MECH F202		80 A	3		16434 / 5568		1	20 A		WSHP-F206 MECH F202	34
35							16434 / 0	1	20 A		SPARE	36
37					6094 / 0							38
39	WSHP-D132-1 MECH F202		25 A	3		6094 / 0		3	30 A		SPARE	40
41							6094 / 0					42
				TOTALS :	87180 VA	91418 VA	85850 VA					

TOTAL CONNECTED LOAD (VA) : 264449 VA | TOTAL CONNECTED LOAD (AMPS) : 318 A

REMARKS:
FEED THROUGH LUGS

NOTES:

2FH1 — PANELBOARD SCHEDULE

LOCATION : MEZZANINE F202 | SCCR (AMPS RMS SYMM): 35000 | SERVICE : 480Y/277V 3Φ 4-Wire+Ground | AMP : 225 A | MAIN : MLO | NEMA: Type 1 | MOUNTING : SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	LIGHTING MEZZANINE, IDF		20 A	1	816 / 0			1	20 A		SPARE	8
9	SPARE		20 A	1		0 / 0		1	20 A		SPARE	10
11	SPARE		20 A	1			0 / 0	1	20 A		SPARE	12
13	SPARE		20 A	1	0 / 0			1	20 A		SPARE	14
15	SPARE		20 A	1		0 / 0		1	20 A		SPARE	16
17	SPARE		20 A	1			0 / 0	1	20 A		SPARE	18
19	SPARE		20 A	1	0 / 0			1	20 A		SPARE	20
21	SPARE		20 A	1		0 / 0		1	20 A		SPARE	22
23	SPARE		20 A	1			0 / 0	1	20 A		SPARE	24
25	SPARE		20 A	1	0 / 0			1	20 A		SPARE	26
27	SPARE		20 A	1		0 / 0		1	20 A		SPARE	28
29	SPARE		20 A	1			0 / 0	1	20 A		SPARE	30
31	SPARE		20 A	1	0 / 0			1	20 A		SPARE	32
33	SPARE		20 A	1		0 / 0		1	20 A		SPARE	34
35	SPARE		20 A	1			0 / 0	1	20 A		SPARE	36
37					9160 / 0							38
39	TRANSFORMER '2FT1' TO 2FL1		125 A	3		8260 / 0		3	30 A		SPD	40
41							6996 / 0					42
				TOTALS :	9976 VA	8260 VA	6996 VA					

TOTAL CONNECTED LOAD (VA) : 25232 VA | TOTAL CONNECTED LOAD (AMPS) : 30 A

REMARKS:

NOTES:

2FL1 — PANELBOARD SCHEDULE

LOCATION : MEZZANINE F202 | SCCR (AMPS RMS SYMM): 22,000 | SERVICE : 208Y/120V 3Φ 4-Wire+Ground | AMP : 250 A | MAIN : MCB | NEMA: TYPE 1 | MOUNTING : SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	RECEPT F203-F204		20 A	1	1080 / 60							8
9	RECEPT IDF F204 DEDICATED		20 A	1		360 / 60		3	30 A		RETRACTABLE SEATING - FLEX THEATER F124	10
11	RECEPT IDF F204 DEDICATED		20 A	1			360 / 60					12
13	RECEPT F205-F207		20 A	1	1080 / 1000			1	20 A		RECEPTS - DRESSING ROOM F121	14
15	RECEPTS - GREEN ROOM F118		20 A	1		1080 / 1000		1	20 A		RECEPTS - DRESSING ROOM F121	16
17	DISPLAY CASE - CORRIDOR E150		20 A	1			800 / 1000	1	20 A		RECEPTS - DRESSING ROOM F121	18
19	EWC - CORRIDOR E150		20 A	1	1040 / 1000			1	20 A		RECEPTS - DRESSING ROOM F121	20
21	STAGE PROJECTION SCREEEN/PROJECTOR		20 A	1		1500 / 1000		1	20 A		RECEPTS - DRESSING ROOM F121	22
23	AV RACK - CONTROL ROOM F206		20 A	1			360 / 1000	1	20 A		RECEPTS - DRESSING ROOM F122	24
25	AV RACK - CONTROL ROOM F206		20 A	1	360 / 1000			1	20 A		RECEPTS - DRESSING ROOM F122	26
27	RECEPT MEZZANINE F202		20 A	1		180 / 1000		1	20 A		RECEPTS - DRESSING ROOM F122	28
29	EXHUAST FAN 'EF-F1'		20 A	1			696 / 1000	1	20 A		RECEPTS - DRESSING ROOM F122	30
31	TEMPERATURE CONTROL PANEL MECH F202		20 A	1	1000 / 1000			1	20 A		RECEPTS - DRESSING ROOM F122	32
33	TEMPERATURE CONTROL PANEL MECH F202		20 A	1		1000 / 720		1	20 A		NORTH RECEPTS - STAGE F116	34
35	TEMPERATURE CONTROL PANEL MECH F202		20 A	1			1000 / 540	1	20 A		SOUTH RECEPTS - STAGE F116	36
37	NORTH RECEPTS - FLEX THEATER F124		20 A	1	540 / 0							38
39	SOUTH RECEPTS - FLEX THEATER F124		20 A	1		360 / 0		3	30 A		SPD	40
41	TV MONITOR - CORRIDOR E150		20 A	1			180 / 0					42
				TOTALS :	9160 VA	8260 VA	6996 VA					

TOTAL CONNECTED LOAD (VA) : 24416 VA | TOTAL CONNECTED LOAD (AMPS) : 68 A

REMARKS:
FEED THROUGH LUGS

NOTES:

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	LPC	TEH

DRAWING TITLE:
SCHEDULES - PANELBOARDS - UNIT F

CERTIFIED BY:
TIMOTHY E. HILL REGISTERED No. PE19800083 STATE OF INDIANA PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
E617

PROJECT NUMBER
2023061

1GHP1 PANELBOARD SCHEDULE

LOCATION : MECH. G104 | **SCCR (AMPS RMS SYMM):** 35000 | **SERVICE :** 480Y/277V 3Φ 4-Wire+Ground | **AMP :** 100 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1					0 / 0							2
3	SPARE		15 A	3		0 / 0		3	15 A		SPARE	4
5							0 / 0					6
7					1856 / 0							8
9	WSHP-G103 MECH G104		15 A	3		1856 / 0		3	15 A		SPARE	10
11							1856 / 0					12
13					443 / 0							14
15	WSHP-G111 MECH G104		15 A	3		443 / 0		3	15 A		SPARE	16
17							443 / 0					18
19					1856 / 0							20
21	WSHP-G113 MECH G104		15 A	3		1856 / 0		3	15 A		SPARE	22
23							1856 / 0					24
25					0 / 0							26
27	SPARE		15 A	3		0 / 0		3	15 A		SPARE	28
29							0 / 0					30
				TOTALS :	4155 VA	4155 VA	4155 VA					

TOTAL CONNECTED LOAD (VA) : 12466 VA **TOTAL CONNECTED LOAD (AMPS) :** 15 A

REMARKS:

NOTES:

1GH1 PANELBOARD SCHEDULE

LOCATION : ELEC. G105 | **SCCR (AMPS RMS SYMM):** 35000 | **SERVICE :** 480Y/277V 3Φ 4-Wire+Ground | **AMP :** 225 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7					0 / 1667							8
9	LTG - G103-G105, G110, G112-G113, G115, G116		20 A	1		1453 / 1667		3	20 A		EPUH-B FOOTBALL STORAGE G129	10
11	LTG - G107-108, R153-R154, G118, G120		20 A	1			1864 / 1667					12
13	LTG - UNIT G COMMONS		20 A	1	1135 / 1000							14
15	LTG - G119-G124		20 A	1		1917 / 1000		3	20 A		ECUH-A VESTIBULE V012	16
17	LTG - G125-G128, G101		20 A	1			2245 / 1000					18
19	SPARE		20 A	1	0 / 2000							20
21	SPARE		20 A	1		0 / 2000		3	20 A		ECUH-B MUD ROOM G123	22
23	SPARE		20 A	1			0 / 2000					24
25	SPARE		20 A	1	0 / 1000							26
27	SPARE		20 A	1		0 / 1000		3	20 A		ECUH-B MENS R153	28
29	SPARE		20 A	1			0 / 1000					30
31	SPARE		20 A	1	0 / 1000							32
33	SPARE		20 A	1		0 / 1000		3	20 A		ECUH-B WOMENS R154	34
35	SPARE		20 A	1			0 / 1000					36
37					20512 / 0							38
39	TRANSFORMER '1GT1' TO 1GL1, 1GL2		125 A	3		19432 / 0		3	30 A		SPD	40
41							18208 / 0					42
				TOTALS :	28313 VA	29468 VA	28983 VA					

TOTAL CONNECTED LOAD (VA) : 86765 VA **TOTAL CONNECTED LOAD (AMPS) :** 104 A

REMARKS:

NOTES:

1GL3 PANELBOARD SCHEDULE

LOCATION : CONC. G110 | **SCCR (AMPS RMS SYMM):** 10000 | **SERVICE :** 208Y/120V 3Φ 4-Wire+Ground | **AMP :** 225 A | **MAIN :** MCB | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	RECEPT CONC G110		20 A	1	360 / 0			1	20 A		SPARE	8
9	REFRIGERATOR - CONC G110		20 A	1		1500 / 0		1	20 A		SPARE	10
11	COOLER - CONC. G110		20 A	1			180 / 0	1	20 A		SPARE	12
13	SPARE		20 A	1	0 / 0			1	20 A		SPARE	14
15	SPARE		20 A	1		0 / 0		1	20 A		SPARE	16
17	SPARE		20 A	1			0 / 0	1	20 A		SPARE	18
19	SPARE		20 A	1	0 / 0			1	20 A		SPARE	20
21	SPARE		20 A	1		0 / 0		1	20 A		SPARE	22
23	SPARE		20 A	1			0 / 0	1	20 A		SPARE	24
25	SPARE		20 A	1	0 / 0			1	20 A		SPARE	26
27	SPARE		20 A	1		0 / 0		1	20 A		SPARE	28
29	SPARE		20 A	1			0 / 0	1	20 A		SPARE	30
31	SPARE		20 A	1	0 / 0			1	20 A		SPARE	32
33	SPARE		20 A	1		0 / 0		1	20 A		SPARE	34
35	SPARE		20 A	1			0 / 0	1	20 A		SPARE	36
37	SPARE		20 A	1	0 / 0			1	20 A		SPARE	38
39	SPARE		20 A	1		0 / 0		1	20 A		SPARE	40
41	SPARE		20 A	1			0 / 0	1	20 A		SPARE	42
				TOTALS :	360 VA	1500 VA	180 VA					

TOTAL CONNECTED LOAD (VA) : 2040 VA **TOTAL CONNECTED LOAD (AMPS) :** 6 A

REMARKS:

NOTES:

1GL2 PANELBOARD SCHEDULE

LOCATION : ELEC. G105 | **SCCR (AMPS RMS SYMM):** 10000 | **SERVICE :** 208Y/120V 3Φ 4-Wire+Ground | **AMP :** 225 A | **MAIN :** MCB | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	WEST GOAL - AUX GYM G100		20 A	1	180 / 1664							8
9	NORTHWEST GOAL - AUX GYM G100		20 A	1		180 / 1664		3	30 A		NORTH MOTORIZED BLEACHERS - MAIN GYM G102	10
11	NORTHEAST GOAL - AUX GYM G100		20 A	1			180 / 1664					12
13	EAST GOAL - AUX GYM G100		20 A	1	180 / 1664							14
15	CURTAIN - AUX GYM G100		20 A	1		1000 / 1664		3	30 A		SOUTH MOTORIZED BLEACHERS - MAIN GYM G102	16
17	WEST GOAL - MAIN GYM G102		20 A	1			180 / 1664					18
19	NORTHWEST GOAL - MAIN GYM G102		20 A	1	180 / 1664							20
21	NORTHEAST GOAL - MAIN GYM G102		20 A	1		180 / 1664		3	30 A		NORTH MOTORIZED BLEACHERS - AUX GYM G100	22
23	EAST GOAL - MAIN GYM G102		20 A	1			180 / 1664					24
25	SOUTHWEST GOAL - MAIN GYM G102		20 A	1	180 / 1000			1	20 A		AV RACK - STORAGE G103	26
27	SOUTHEAST GOAL - MAIN GYM G102		20 A	1		180 / 1000		1	20 A		AV RACK - STORAGE G103	28
29	CURTAIN - MAIN GYM G102		20 A	1			1000 / 2496					30
31	RECEPTS - MAIN GYM G102		20 A	1	1080 / 2496			2	20 A		DRYER - STORAGE G103	32
33	RECEPT - AUX GYM G100		20 A	1		540 / 1800		1	20 A		WASHER - STORAGE G103	34
35	EAST SCOREBOARD - MAIN GYM G102		20 A	1			180 / 180	1	20 A		RECEPT STORAGE G103	36
37	RECEPT MAIN GYM G102		20 A	1	180 / 1000			1	20 A		LÜ ÜNO HEART MODULE	38
39	ROLLER SHADES		20 A	1		1440 / 1000		1	20 A		LÜ ÜNO LIGHT & SOUND MODULE	40
41	ROLLER SHADES		20 A	1			720 / 0	1	20 A		SPARE	42
				TOTALS :	11468 VA	12312 VA	10108 VA					

TOTAL CONNECTED LOAD (VA) : 33888 VA **TOTAL CONNECTED LOAD (AMPS) :** 94 A

REMARKS:

NOTES:

1GL1 PANELBOARD SCHEDULE

LOCATION : ELEC. G105 | **SCCR (AMPS RMS SYMM):** 10000 | **SERVICE :** 208Y/120V 3Φ 4-Wire+Ground | **AMP :** 225 A | **MAIN :** MCB | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	TEACHER & TV RECEPTS - CLASS G128		20 A	1	720 / 84			1	20 A		LTG - UNIT G ELEVATOR BOTTOM SHAFT	8
9	RECEPTS - CLASS G128		20 A	1		540 / 180		1	20 A		NAC PANELS - ELEC G105	10
11	TEACHER & TV RECEPTS - CLASS G127		20 A	1			720 / 900	1	20 A		RECEPTS - BOYS LOCKER RM G121, G122	12
13	RECEPTS - CLASS G127		20 A	1	540 / 1080			1	20 A		RECEPTS - RESTROOM R151, R152	14
15	TEACHER & TV RECEPTS - CLASS G126		20 A	1		720 / 720		1	20 A		RECEPTS - GIRLS LOCKER RM G118, G119	16
17	RECEPTS - CLASS G126		20 A	1			540 / 360	1	20 A		RECEPTS - MENS R153, WOMENS R154	18
19	RECEPTS - STOR G101, G129		20 A	1	360 / 680			1	20 A		EWC	20
21	RECEPT CORRIDOR G130		20 A	1		1440 / 720		1	20 A		RECEPTS - PLAN G108	22
23	HAND DRYER - RR 145		20 A	1			1000 / 1500	1	20 A		REFRIGERATOR - PLAN G108	24
25	HAND DRYER - RR 146		20 A	1	1000 / 1000			1	20 A		COPIER - PLAN G108	26
27	HAND DRYER - RR 147		20 A	1		1000 / 360		1	20 A		EWC - CORR G130	28
29	RECEPTS - TRAINER G115		20 A	1			720 / 1000	1	20 A		ADA DOOR OPERATOR - VEST V012	30
31	REFRIGERATOR - TRAINER G115		20 A	1	1500 / 1000			1	20 A		AV RACK - IDF G106	32
33	RECEPT - TRAINER G115		20 A	1		180 / 1080		1	20 A		RECEPT - IDF G106	34
35	ICE MAKER - STORAGE G116		20 A	1			180 / 180	1	20 A		RECEPT - ELEVATOR MAINTENANCE	36
37	RECEPTS - OFFICE G113, STOR G114, CONF G111		20 A	1	1080 / 0			1	20 A		SPARE	38
39	RECEPT MECH. G104		20 A	1		180 / 0		1	20 A		SPARE	40
41	TEMPERATURE CONTROL PANEL - MECH. G104		20 A	1			1000 / 0	1	20 A		SPARE	42
				TOTALS :	9044 VA	7120 VA	8100 VA					

TOTAL CONNECTED LOAD (VA) : 24264 VA **TOTAL CONNECTED LOAD (AMPS) :** 67 A

REMARKS:
FEED THROUGH LUGS

NOTES:

2GLP1 PANELBOARD SCHEDULE

LOCATION : MECHANICAL G202 | **SCCR (AMPS RMS SYMM):** 10000 | **SERVICE :** 208Y/120V 3Φ 4-Wire+Ground | **AMP :** 60 A | **MAIN :** MCB | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	RECEPT - ERV G		20 A	1	180 / 0			1	20 A		SPARE	8
9	ELEVATOR CABIN LIGHTS		20 A	1		180 / 0		1	20 A		SPARE	10
11	SPARE		20 A	1			0 / 0	1	20 A		SPARE	12
13	SPARE		20 A	1	0 / 0			1	20 A		SPARE	14
15	SPARE		20 A	1		0 / 0		1	20 A		SPARE	16
17	SPARE		20 A	1			0 / 0	1	20 A		SPARE	18
				TOTALS :	180 VA	180 VA	0 VA					

TOTAL CONNECTED LOAD (VA) : 360 VA **TOTAL CONNECTED LOAD (AMPS) :** 1 A

REMARKS:

NOTES:

2GHP2 PANELBOARD SCHEDULE

LOCATION : MECHANICAL G202 | **SCCR (AMPS RMS SYMM):** 35000 | **SERVICE :** 480Y/277V 3Φ 4-Wire+Ground | **AMP :** 400 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1					0 / 0							2
3	SPARE		15 A	3		0 / 0		3	15 A		SPARE	4
5							0 / 0					6
7					2465 / 0							8
9	WSHP-G128 MECH G204B		15 A	3		2465 / 0		3	15 A		SPARE	10
11							2465 / 0					12
13					2465 / 0							14
15	WSHP-G126 MECH G204B		15 A	3		2465 / 0		3	15 A		SPARE	16
17							2465 / 0					18
19					3435 / 0							20
21	WSHP-G127 MECH G204B		20 A	3		3435 / 0		3	15 A		SPARE	22
23							3435 / 0					24
25					776 / 0							26
27	WSHP-G108 MECH G206		15 A	3		776 / 0		3	15 A		SPARE	28
29							776 / 0					30
31					619 / 0							32
33	WSHP-G110 MECH G206		15 A	3		619 / 0		3	15 A		SPARE	34
35							619 / 0					36
37					0 / 0							38
39	SPARE		15 A	3		0 / 0		3	30 A		SPD	40
41							0 / 0					42
				TOTALS :	9760 VA	9760 VA	9760 VA					

TOTAL CONNECTED LOAD (VA) : 29280 VA **TOTAL CONNECTED LOAD (AMPS) :** 35 A

REMARKS:

NOTES:

2GHP1 PANELBOARD SCHEDULE

LOCATION : MECHANICAL G202 | **SCCR (AMPS RMS SYMM):** 35000 | **SERVICE :** 480Y/277V 3Φ 4-Wire+Ground | **AMP :** 400 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7					16434 / 8089							8
9	WSHP-G100 MECH G202		80 A	3		16434 / 8089		3	35 A		WSHP-G203 MECH G202	10
11							16434 / 8089					12
13					16434 / 25567							14
15	WSHP-G102 MECH G202		80 A	3		16434 / 25567		3	110 A		ERV-G UNIT G ROOFTOP	16
17							16434 / 25567					18
19					8559 / 2000							20
21	WSHP-G200 MECH G202		45 A	3		8559 / 2000		3	20 A		EPUH-B - STORAGE G201	22
23							8559 / 2000					24
25					2465 / 1000							26
27	WSHP-G119 MECH G202		15 A	3		2465 / 1000		3	20 A		EPUH-A - MECH G202	28
29							2465 / 1000					30
31					1856 / 0							32
33	WSHP-G124 MECH G202		15 A	3		1856 / 0		3	20 A		SPARE	34
35							1856 / 0					36
37					2465 / 180							38
39	WSHP-G122 MECH G202		15 A	3		2465 / 180		3	20 A		2GTP1	40
41							2465 / 0					42
				TOTALS :	94809 VA	94809 VA	94629 VA					

TOTAL CONNECTED LOAD (VA) : 284248 VA **TOTAL CONNECTED LOAD (AMPS) :** 342 A

REMARKS:
FEED THROUGH LUGS

NOTES:

2GL1 PANELBOARD SCHEDULE

LOCATION : MECHANICAL G202 | **SCCR (AMPS RMS SYMM):** 10000 | **SERVICE :** 208Y/120V 3Φ 4-Wire+Ground | **AMP :** 225 A | **MAIN :** MCB | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	BATTING CAGE HOIST - MAT GYM G200		20 A	1	1656 / 720			1	20 A		FLOOR BOX - TREADMILL	8
9	AV RACK - STORAGE G201		20 A	1		500 / 720		1	20 A		FLOOR BOX - TREADMILL	10
11	AV RACK - STORAGE G204		20 A	1			180 / 720	1	20 A		FLOOR BOX - TREADMILL	12
13	EWC - WEIGHT GYM G203		20 A	1	180 / 720			1	20 A		FLOOR BOX - TREADMILL	14
15	TEACHER & TV RECEPTS - WEIGHT GYM G203		20 A	1		720 / 720		1	20 A		FLOOR BOX - TREADMILL	16
17	RECEPTS - WEIGHT GYM G203		20 A	1			540 / 720	1	20 A		FLOOR BOX - TREADMILL	18
19	RECEPT - STORAGE G201		20 A	1	180 / 0			1	20 A		SPARE	20
21	RECEPT - MECH G202		20 A	1		720 / 0		1	20 A		SPARE	22
23	RECEPT - ELEVATOR MAINTENANCE		20 A	1			228 / 0	1	20 A		SPARE	24
25	TEMPERATURE CONTROL PANEL - G202		20 A	1	1000 / 0			1	20 A		SPARE	26
27	TEMPERATURE CONTROL PANEL - G202		20 A	1		1000 / 0		1	20 A		SPARE	28
29	TEMPERATURE CONTROL PANEL - G202		20 A	1			1000 / 0	1	20 A		SPARE	30
31	TEMPERATURE CONTROL PANEL - G201		20 A	1	1000 / 0			1	20 A		SPARE	32
33	AV RACK - G206		20 A	1		500 / 0		1	20 A		SPARE	34
35	RECEPTS - IDF G206		20 A	1			720 / 0	1	20 A		SPARE	36
37	TEMPERATURE CONTROL PANEL - MECH. G205		20 A	1	1000 / 0			1	20 A		SPARE	38
39	RECEPTS - MECH. G205		20 A	1		180 / 0		1	20 A		SPARE	40
41	SPARE		20 A	1			0 / 0	1	20 A		SPARE	42
				TOTALS :	6456 VA	5060 VA	4108 VA					

TOTAL CONNECTED LOAD (VA) : 15624 VA **TOTAL CONNECTED LOAD (AMPS) :** 43 A

REMARKS:

NOTES:

2GH1 PANELBOARD SCHEDULE

LOCATION : MECHANICAL G202 | **SCCR (AMPS RMS SYMM):** 35000 | **SERVICE :** 480Y/277V 3Φ 4-Wire+Ground | **AMP :** 400 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	LTG - AUX GYM G100 SWITCH LEG 'A'		20 A	1	2928 / 0			1	20 A		SPARE	8
9	LTG - AUX GYM G100 SWITCH LEG 'B'		20 A	1		767 / 0		1	20 A		SPARE	10
11	LTG - MAIN GYM G102 SWITCH LEG 'A'		20 A	1			2928 / 0	1	20 A		SPARE	12
13	LTG - MAIN GYM G102 SWITCH LEG 'B'		20 A	1	1509 / 0			1	20 A		SPARE	14
15	LTG - G200-G201		20 A	1		962 / 0		1	20 A		SPARE	16
17	LTG - G202-G206		20 A	1			1974 / 0	1	20 A		SPARE	18
19	SPARE		20 A	1	0 / 0			1	20 A		SPARE	20
21	SPARE		20 A	1		0 / 0		1	20 A		SPARE	22
23	SPARE		20 A	1			0 / 0	1	20 A		SPARE	24
25	SPARE		20 A	1	0 / 0			1	20 A		SPARE	26
27	SPARE		20 A	1		0 / 0		1	20 A		SPARE	28
29	SPARE		20 A	1			0 / 0	1	20 A		SPARE	30
31	SPARE		20 A	1	0 / 0			1	20 A		SPARE	32
33	SPARE		20 A	1		0 / 0		1	20 A		SPARE	34
35	SPARE		20 A	1			0 / 0	1	20 A		SPARE	36
37					6456 / 0							38
39	2GT1		20 A	3		5060 / 0		3	30 A		SPD	40
41							4108 / 0					42
				TOTALS :	10893 VA	6789 VA	9010 VA					

TOTAL CONNECTED LOAD (VA) : 26692 VA **TOTAL CONNECTED LOAD (AMPS) :** 32 A

REMARKS:

NOTES:

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PROJECT:

WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	LPC	TEH

DRAWING TITLE:
SCHEDULES - PANELBOARDS - UNIT G

CERTIFIED BY:
TIMOTHY E. HILL REGISTERED No. PE19800083 STATE OF INDIANA PROFESSIONAL ENGINEER
Timothy E. Hill 8/09/2024

DRAWING NUMBER
E618

PROJECT NUMBER
2023061

1HHP1 — PANELBOARD SCHEDULE

LOCATION : MECH H118 | **SCCR (AMPS RMS SYMM):** 35000 | **SERVICE :** 480Y/277V 3Φ 4-Wire+Ground | **AMP :** 225 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1					0 / 0							2
3	SPARE		15 A	3		0 / 0		3	15 A		SPARE	4
5							0 / 0					6
7					8089 / 8089							8
9	WSHP-H113 MECH H119		35 A	3		8089 / 8089		3	35 A		WSHP-H103 MECH H106	10
11							8089 / 8089					12
13					2465 / 2465							14
15	WSHP-H119 MECH H119		15 A	3		2465 / 2465		3	15 A		WSHP-H121 MECH H106	16
17							2465 / 2465					18
19					4017 / 8089							20
21	WSHP-H113 MECH H118		25 A	3		4017 / 8089		3	35 A		WSHP-H107 MECH H106	22
23							4017 / 8089					24
25					4986 / 0							26
27	ELECTRIC STEAM GENERATOR MECH H106		25 A	3		4986 / 0		3	20 A		SPARE	28
29							4986 / 0					30
31					0 / 0							32
33	SPARE		30 A	3		0 / 0		3	30 A		SPARE	34
35							0 / 0					36
37					0 / 0							38
39	SPARE		15 A	3		0 / 0		3	35 A		SPARE	40
41							0 / 0					42

TOTALS : 38199 VA | 38199 VA | 38199 VA

TOTAL CONNECTED LOAD (VA) : 114598 VA | **TOTAL CONNECTED LOAD (AMPS) :** 138 A

REMARKS:

NOTES:

1HH1 — PANELBOARD SCHEDULE

LOCATION : CUST H112 | **SCCR (AMPS RMS SYMM):** 35000 | **SERVICE :** 480Y/277V 3Φ 4-Wire+Ground | **AMP :** 100 A | **MAIN :** MCB | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	LTG - UNIT H CORRIDOR/VESTIBULE		20 A	1	1692 / 1000							8
9	LTG - UNIT H CHOIR		20 A	1		2141 / 1000		3	20 A		ECU/H-A VESTIBULE V013	10
11	LTG -UNIT H ORCHESTRA/STORAGE		20 A	1			1880 / 1000					12
13	LTG - UNIT H BAND/STORAGE		20 A	1	2170 / 0			1	20 A		SPARE	14
15	LTG - UNIT H 114, 117, 118		20 A	1		2205 / 0		1	20 A		SPARE	16
17	SPARE		20 A	1			0 / 0	1	20 A		SPARE	18
19	SPARE		20 A	1	0 / 0			1	20 A		SPARE	20
21	SPARE		20 A	1		0 / 0		1	20 A		SPARE	22
23	SPARE		20 A	1			0 / 0	1	20 A		SPARE	24
25	SPARE		20 A	1	0 / 0			1	20 A		SPARE	26
27	SPARE		20 A	1		0 / 0		1	20 A		SPARE	28
29	SPARE		20 A	1			0 / 0	1	20 A		SPARE	30
31	SPARE		20 A	1	0 / 0			1	20 A		SPARE	32
33	SPARE		20 A	1		0 / 0		1	20 A		SPARE	34
35	SPARE		20 A	1			0 / 0	1	20 A		SPARE	36
37					5300 / 0							38
39	1HT1		20 A	3		7500 / 0		3	30 A		SPD	40
41							7920 / 0					42

TOTALS : 10161 VA | 12846 VA | 10800 VA

TOTAL CONNECTED LOAD (VA) : 33807 VA | **TOTAL CONNECTED LOAD (AMPS) :** 41 A

REMARKS:

NOTES:

1HL2 — PANELBOARD SCHEDULE

LOCATION : STORAGE H102 | **SCCR (AMPS RMS SYMM):** 10000 | **SERVICE :** 208Y/120V 3Φ 4-Wire+Ground | **AMP :** 100 A | **MAIN :** MCB | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	ICE MAKER - STORAGE H102		20 A	1	180 / 0			1	20 A		SPARE	8
9	REFRIGERATOR - CONC. H101		20 A	1		1500 / 0		1	20 A		SPARE	10
11	REFRIGERATOR - CONC. H101		20 A	1			1500 / 0	1	20 A		SPARE	12
13	RECEPTS - CONC. H101		20 A	1	540 / 0			1	20 A		SPARE	14
15	SPARE		20 A	1		0 / 0		1	20 A		SPARE	16
17	SPARE		20 A	1			0 / 0	1	20 A		SPARE	18
19	SPARE		20 A	1	0 / 0			1	20 A		SPARE	20
21	SPARE		20 A	1		0 / 0		1	20 A		SPARE	22
23	SPARE		20 A	1			0 / 0	1	20 A		SPARE	24
25	SPARE		20 A	1	0 / 0			1	20 A		SPARE	26
27	SPARE		20 A	1		0 / 0		1	20 A		SPARE	28
29	SPARE		20 A	1			0 / 0	1	20 A		SPARE	30
31	SPARE		20 A	1	0 / 0			1	20 A		SPARE	32
33	SPARE		20 A	1		0 / 0		1	20 A		SPARE	34
35	SPARE		20 A	1			0 / 0	1	20 A		SPARE	36
37	SPARE		20 A	1	0 / 0			1	20 A		SPARE	38
39	SPARE		20 A	1		0 / 0		1	20 A		SPARE	40
41	SPARE		20 A	1			0 / 0	1	20 A		SPARE	42

TOTALS : 720 VA | 1500 VA | 1500 VA

TOTAL CONNECTED LOAD (VA) : 3720 VA | **TOTAL CONNECTED LOAD (AMPS) :** 10 A

REMARKS:

NOTES:

1HL1 — PANELBOARD SCHEDULE

LOCATION : CUST H112 | **SCCR (AMPS RMS SYMM):** 10000 | **SERVICE :** 208Y/120V 3Φ 4-Wire+Ground | **AMP :** 100 A | **MAIN :** MCB | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	SPARE		20 A	1	0 / 1440			1	20 A		ROLLER SHADES - BAND H113, MULTI H117	8
9	TEACHER & PROJ. RECEPTS - CHOIR H103		20 A	1		540 / 1440		1	20 A		ROLLER SHADES - CHOIR H103, ORCHESTRA...	10
11	RECEPTS - CHOIR H103		20 A	1			1500 / 540	1	20 A		RECEPTS - PRAC H114, H115, STOR H116	12
13	AV RACK - CHOIR H103		20 A	1	180 / 360			1	20 A		RECEPTS - PRAC. H108, 109	14
15	EWC - CHOIR H103		20 A	1		680 / 900		1	20 A		RECEPTS - STOR H104, H105, H111, CUST H112	16
17	TEACHER & PROJ. RECEPTS - ORCHESTRA H107		20 A	1			540 / 900	1	20 A		RECEPTS - CORR H121 VEST V013	18
19	RECEPTS - ORCHESTRA H107		20 A	1	1320 / 360			1	20 A		RECEPTS - MECH H106	20
21	AV RACK - ORCHESTRA H107		20 A	1		180 / 1000		1	20 A		TEMPERATURE CONTROL PANEL - MECH H106	22
23	EWC - ORCHESTRA H107		20 A	1			680 / 1000	1	20 A		TEMPERATURE CONTROL PANEL - MECH H118	24
25	TEACHER & PROJ. RECEPTS - BAND H113		20 A	1	540 / 240			1	20 A		ELECTRONIC ACCESS CONTROLLER - MECH...	26
27	RECEPTS - BAND H113		20 A	1		1140 / 0		1	20 A		SPARE	28
29	AV RACK -BAND H113		20 A	1			180 / 0	1	20 A		SPARE	30
31	EWC - BAND H113		20 A	1	680 / 0			1	20 A		SPARE	32
33	TEACHER, TV & PROJ. RECEPTS - MULTI H117		20 A	1		900 / 0		1	20 A		SPARE	34
35	RECEPTS - MULTI PURPOSE H117		20 A	1			1500 / 0	1	20 A		SPARE	36
37	AV RACK - MULTI PURPOSE H117		20 A	1	180 / 0			1	20 A		SPARE	38
39	TEACHER & TV RECEPTS - CLASS H119		20 A	1		720 / 0		1	20 A		SPARE	40
41	RECEPTS - CLASSROOM H119		20 A	1			1080 / 0	1	20 A		SPARE	42

TOTALS : 5300 VA | 7500 VA | 7920 VA

TOTAL CONNECTED LOAD (VA) : 20720 VA | **TOTAL CONNECTED LOAD (AMPS) :** 58 A

REMARKS:

NOTES:

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. The Contract Documents are intended to describe all work required for full performance and completion of the requirements of the Contract.
Unless specifically noted otherwise, the trade scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	LPC	TEH

DRAWING TITLE:
SCHEDULES - PANELBOARDS - UNIT H

CERTIFIED BY:
TIMOTHY E. HILL
REGISTERED
No.
PE19800083
STATE OF
INDIANA
PROFESSIONAL ENGINEER
8/ 09/ 2024

DRAWING NUMBER
E619

PROJECT NUMBER
2023061

1KH1 — PANELBOARD SCHEDULE

LOCATION : KITCHEN F101 | **SCCR (AMPS RMS SYMM):** 35,000 | **SERVICE :** 480Y/277V 3Φ 4-Wire+Ground | **AMP :** 400 A | **MAIN :** MLO | **NEMA:** Type 4X | **MOUNTING :** RECESSED

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	LTG - F101, F105, F109		20 A	1	2495 / 0			1	20 A	G	SPARE	2
3	LTG - F100		20 A	1		1760 / 0		1	20 A	G	SPARE	4
5	SPARE	G	20 A	1			0 / 0	1	20 A	G	SPARE	6
7	ROTATING RACK BAKERY OVEN KITCHEN F101	GS	30 A	3	6094 / 4211			3	25 A		MAKE-UP AIR UNIT AND EXHAUST FAN KITCHEN ROOFTOP	8
9						6094 / 4211						10
11							6094 / 4211					12
13	STACKED COMBI OVEN KITCHEN F101	GS	35 A	3	7467 / 12467			3	60 A	GS	COMBI OVEN KITCHEN F101	14
15						7467 / 12467						16
17							7467 / 12467					18
19	COMBI OVEN KITCHEN F101	GS	60 A	3	12467 / 7467			3	35 A	GS	STACKED COMBI OVEN KITCHEN F101	20
21						12467 / 7467						22
23							12467 / 7467					24
25	SPARE	G	35 A	3	0 / 6094			3	30 A	GS	ROTATING RACK BAKERY OVEN KITCHEN F101	26
27						0 / 6094						28
29							0 / 6094					30
31	DISH MACHINE WITH BOOSTER HEATER KITCHEN F101	G	90 A	3	18836 / 7333			3	35 A	GS	MULTIFUNCTIONAL KITCHEN APPLIANCE KITCHEN F101	32
33						18836 / 7333						34
35							18836 / 7333					36
37	DISH MACHINE BLOWER DRYER DISH DROP F103	G	20 A	3	4349 / 4367			3	20 A	GS	12-GALLON TILT KETTLE KITCHEN F101	38
39						4349 / 4367						40
41							4349 / 4367					42
	TOTALS :				93645 VA	92910 VA	91150 VA					

TOTAL CONNECTED LOAD (VA) : 277706 VA | **TOTAL CONNECTED LOAD (AMPS) :** 334 A

REMARKS:
INTEGRAL SURGE PROTECTION DEVICE (SPD)

NOTES:
G - PROVIDE GFCI TYPE CIRCUIT BREAKER.
GS - PROVIDE GFCI AND SHUNT TRIP TYPE CIRCUIT BREAKER.

1KL2 — PANELBOARD SCHEDULE

LOCATION : KITCHEN F101 | **SCCR (AMPS RMS SYMM):** 22,000 | **SERVICE :** 208Y/120V 3Φ 4-Wire+Ground | **AMP :** 225 A | **MAIN :** MCB | **NEMA:** Type 4X | **MOUNTING :** RECESSED

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE	G	20 A	1	0 / 0			1	20 A	G	SPARE	2
3	SPARE	G	20 A	1		0 / 0		1	20 A	G	SPARE	4
5	SPARE	G	20 A	1			0 / 0	1	20 A	G	SPARE	6
7	BLAST CHILLER KITCHEN F101	G	20 A	3	1608 / 480			1	20 A	G	REFRIGERATOR KITCHEN F101	8
9						1608 / 480		1	20 A	G	REFRIGERATOR KITCHEN F101	10
11							1608 / 750	2	20 A	G	HEATED CABINET KITCHEN F101	12
13	RANGE KITCHEN F101	GS	20 A	1	600 / 750							14
15	OVEN CONTROL CIRCUIT KITCHEN 101	GS	20 A	1		1128 / 1356		1	20 A	G	ICE MAKER SERVING F100	16
17	OVEN CONTROL CIRCUIT KITCHEN 101	GS	20 A	1			1128 / 240	1	20 A		RECEPT KITCHEN F101	18
19	EXHAUST HOOD LIGHTS KITCHEN 101	G	20 A	1	3200 / 240			1	20 A		RECEPT KITCHEN F101	20
21	RECEPT KITCHEN F101	G	20 A	1		360 / 0		1	20 A	G	SPARE	22
23	RECEPT KITCHEN F101	G	20 A	1			360 / 0	1	20 A	G	SPARE	24
25	RECEPT KITCHEN F101	G	20 A	1	360 / 0			1	20 A	G	SPARE	26
27	RECEPT KITCHEN F101	G	20 A	1		360 / 240		1	20 A		RECEPT KITCHEN F101	28
29	HOT HOLDING CABINET KITCHEN F101	G	20 A	1			1260 / 384					30
31	COLD HOLDING CABINET KITCHEN F101	G	20 A	1	980 / 384			3	20 A	G	RECEPT KITCHEN F101	32
33	RECEPT KITCHEN F101	G	20 A	1		360 / 384						34
35	RECEPT KITCHEN F101	G	20 A	1			360 / 1176	1	20 A	G	EXHAUST FAN KITCHEN ROOF	36
37	SPARE	G	20 A	3	0 / 0			1	20 A	G	SPARE	38
39						0 / 180		1	20 A		RECEPT KITCHEN ROOFTOP	40
41							0 / 180	1	20 A		RECEPT KITCHEN ROOFTOP	42
	TOTALS :				8602 VA	6456 VA	7446 VA					

TOTAL CONNECTED LOAD (VA) : 22504 VA | **TOTAL CONNECTED LOAD (AMPS) :** 62 A

REMARKS:
FEED THROUGH LUGS
INTEGRAL SURGE PROTECTION DEVICE (SPD)

NOTES:
G - PROVIDE GFCI TYPE CIRCUIT BREAKER.
GS - PROVIDE GFCI AND SHUNT TRIP TYPE CIRCUIT BREAKER.

1KL1 — PANELBOARD SCHEDULE

LOCATION : KITCHEN F101 | **SCCR (AMPS RMS SYMM):** 22,000 | **SERVICE :** 208Y/120V 3Φ 4-Wire+Ground | **AMP :** 225 A | **MAIN :** MCB | **NEMA:** Type 4X | **MOUNTING :** RECESSED

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE	G	20 A	1	0 / 0			1	20 A	G	SPARE	2
3	SPARE	G	20 A	1		0 / 0		1	20 A	G	SPARE	4
5	SPARE	G	20 A	1			0 / 0	1	20 A	G	SPARE	6
7	WASHER LOCKERS F109	G	20 A	1	1920 / 600			1	20 A	G	WALK-IN COOLER DOOR/LIGHTS COOLER F107	8
9	DRYER LOCKERS F109	G	30 A	2		2496 / 300		1	20 A	G	COOLER BLOWER COIL COOLER F107	10
11							2496 / 600	1	20 A	G	WALK-IN FREEZER DOOR/LIGHTS FREEZER F106	12
13	RECEPT ROOM R139, F109		20 A	1	540 / 1643							14
15	RECEPT OFFICE F108		20 A	1		360 / 1643		2	20 A	G	FREEZER BLOWER COIL FREEZER F106	16
17	RECEPT OFFICE F108		20 A	1			360 / 180	1	20 A	G	HEATED DRAIN TAPE FREEZER F106	18
19	REFRIGERATOR KITCHEN F101	G	20 A	1	180 / 360			1	20 A	G	RECEPT KITCHEN F101	20
21	RECEPT KITCHEN F101		20 A	1		240 / 360		1	20 A	G	RECEPT KITCHEN F101	22
23	RECEPT KITCHEN F101		20 A	1			180 / 360	1	20 A	G	RECEPT KITCHEN F101	24
25	RECEPT KITCHEN F101		20 A	1	180 / 1140			1	20 A	G	20 QT MIXER KITCHEN F101	26
27	HOT WATER DISPENSER KITCHEN F101	G	30 A	2		2496 / 0		1	20 A	G	SPARE	28
29							2496 / 0	1	20 A	G	SPARE	30
31	RECEPT KITCHEN F101		20 A	1	240 / 1128							32
33	HEATED CABINET KITCHEN F101	G	20 A	2		750 / 1128		3	20 A		COOLER CONDENSING UNIT ROOFTOP	34
35							750 / 1128					36
37	REFRIGERATOR KITCHEN F101	G	20 A	1	480 / 1788							38
39	REFRIGERATOR KITCHEN F101	G	20 A	1		480 / 1788		3	20 A		FREEZER CONDENSING UNIT ROOFTOP	40
41	SPARE	G	20 A	1			0 / 1788					42
	TOTALS :				10199 VA	12041 VA	10338 VA					

TOTAL CONNECTED LOAD (VA) : 32578 VA | **TOTAL CONNECTED LOAD (AMPS) :** 90 A

REMARKS:
FEED THROUGH LUGS
INTEGRAL SURGE PROTECTION DEVICE (SPD)

NOTES:
G - PROVIDE GFCI TYPE CIRCUIT BREAKER.

1KL3 — PANELBOARD SCHEDULE

LOCATION : KITCHEN F101 | **SCCR (AMPS RMS SYMM):** 22,000 | **SERVICE :** 208Y/120V 3Φ 4-Wire+Ground | **AMP :** 225 A | **MAIN :** MLO | **NEMA:** Type 4X | **MOUNTING :** RECESSED

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	RECEPT SERVING F100		20 A	1	180 / 1246			2	20 A	G	MERCHANDISER SERVING F100	2
3	RECEPT SERVING F100		20 A	1		180 / 1246						4
5	RECEPT SERVING F100		20 A	1			180 / 1090	2	20 A	G	DROP IN HOT/COLD WELL UNIT SERVING F100	6
7	RECEPT SERVING F100		20 A	1	240 / 1090							8
9	PRO CART ULTRA SERVING F100	G	20 A	1		552 / 900		1	20 A	G	BREATH GUARD LIGHTS SERVING F100	10
11	PRO CART ULTRA SERVING F100	G	20 A	1			552 / 360	1	20 A	G	RECEPT SERVING F100	12
13	MILK COOLER SERVING F100	G	20 A	1	360 / 1215			2	20 A	G	DROP-IN HOT WELL UNIT SERVING 100	14
15	RECEPT SERVING F100	G	20 A	1		360 / 1215						16
17	BREATH GUARD LIGHTS SERVING F100	G	20 A	1			900 / 900	1	20 A	G	BREATH GUARD LIGHTS SERVING F100	18
19	DROP-IN HEATED SHELF SERVING F100	G	20 A	1	1176 / 360			1	20 A	G	RECEPT SERVING F100	20
21	DROP-IN HEATED SHELF SERVING F100	G	20 A	1		1176 / 1215		2	20 A	G	DROP-IN HOT WELL UNIT SERVING F100	22
23	DROP IN HOT/COLD WELL UNIT SERVING F100	G	20 A	2			1090 / 1215					24
25					1090 / 900			1	20 A	G	BREATH GUARD LIGHTS SERVING F100	26
27	DROP IN HOT/COLD WELL UNIT SERVING F100	G	20 A	2		840 / 360		1	20 A	G	RECEPT SERVING F100	28
29							840 / 1090	2	20 A	G	DROP IN HOT/COLD WELL UNIT SERVING F100	30
31	RECEPT SERVING F100	G	20 A	1	360 / 1090							32
33	BREATH GUARD LIGHTS SERVING F100	G	20 A	1		1020 / 900		1	20 A	G	BREATH GUARD LIGHTS SERVING F100	34
35	DROP-IN COLD WELL UNIT SERVING F100	G	20 A	1			1020 / 1246	2	20 A	G	MERCHANDISER SERVING F100	36
37	REFRIGERATOR MERCHANDISER SERVING F100	G	20 A	1	1620 / 1246							38
39	ICE CREAM FREEZER SERVING F100	G	20 A	1		780 / 180		1	20 A	G	RECEPT SERVING F100	40
41	REFRIGERATOR MERCHANDISER SERVING F100	G	20 A	1			1620 / 360	1	20 A	G	RECEPT SERVING F100	42
	TOTALS :				12172 VA	10924 VA	12463 VA					

TOTAL CONNECTED LOAD (VA) : 35558 VA | **TOTAL CONNECTED LOAD (AMPS) :** 99 A

REMARKS:
INTEGRAL SURGE PROTECTION DEVICE (SPD)

NOTES:
G - PROVIDE GFCI TYPE CIRCUIT BREAKER.

1KL4 — PANELBOARD SCHEDULE

LOCATION : KITCHEN F101 | **SCCR (AMPS RMS SYMM):** 22,000 | **SERVICE :** 208Y/120V 3Φ 4-Wire+Ground | **AMP :** 225 A | **MAIN :** MLO | **NEMA:** Type 4X | **MOUNTING :** RECESSED

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	MERCHANDISER SERVING F100	G	20 A	1	1920 / 400			1	20 A	G	UNDERCOUNTER FREEZER SERVING F100	2
3	MERCHANDISER SERVING F100	G	20 A	1		1920 / 360		1	20 A	G	UNDERCOUNTER REFRIGERATOR SERVING F100	4
5	MOTORIZED DOOR SERVING F100		20 A	1			1176 / 180	1	20 A		RECEPT SERVING F100	6
7	MOTORIZED DOOR SERVING F100		20 A	1	1176 / 180			1	20 A		RECEPT SERVING F100	8
9	POINT OF SALE SYSTEM SERVING F100	G	20 A	1		360 / 1560		2	20 A	G	SOFT SERVE MACHINE SERVING F100	10
11	POINT OF SALE SYSTEM SERVING F100	G	20 A	1			360 / 1560					12
13	POINT OF SALE SYSTEM SERVING F100	G	20 A	1	360 / 0			1	20 A	G	SPARE	14
15	POINT OF SALE SYSTEM SERVING F100	G	20 A	1		360 / 360		1	20 A	G	RECEPT SERVING F100	16
17	REFRIGERATOR SERVING F100	G	20 A	1			1620 / 1090	2	20 A	G	RECEPT SERVING F100	18
19	ICE CREAM FREEZER SERVING F100	G	20 A	1	780 / 1090							20
21	REFRIGERATOR SERVING F100	G	20 A	1		1620 / 1215		2	20 A	G	RECEPT SERVING F100	22
23	DROP-IN COLD WELL UNIT SERVING F100	G	20 A	1			1020 / 1215					24
25	BREATH GUARD LIGHTS SERVING F100	G	20 A	1	1020 / 900			1	20 A	G	BREATH GUARD LIGHTS SERVING F100	26
27	RECEPT SERVING F100	G	20 A	1		360 / 1900		2	30 A	G	RECEPT SERVING F100	28
29	DROP IN HOT/COLD WELL UNIT SERVING F100	G	20 A	2			840 / 1900					30
31					840 / 1900							32
33	RECEPT SERVING F100		20 A	1		180 / 1900		2	30 A	G	RECEPT SERVING F100	34
35	RECEPT SERVING F100	G	20 A	1			360 / 1650					36
37	RECEPT SERVING F100	G	20 A	1	800 / 1650			2	20 A	G	INDUCTION BURNER SERVING F100	38
39	RECEPT SERVING F100	G	20 A	1		1080 / 1650						40
41	RECEPT SERVING F100	G	20 A	1			240 / 1650	2	20 A	G	INDUCTION BURNER SERVING F100	42
	TOTALS :				13016 VA	14825 VA	14861 VA					

TOTAL CONNECTED LOAD (VA) : 42702 VA | **TOTAL CONNECTED LOAD (AMPS) :** 119 A

REMARKS:
INTEGRAL SURGE PROTECTION DEVICE (SPD)

NOTES:
G - PROVIDE GFCI TYPE CIRCUIT BREAKER.

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D&A# 23085

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. The Contract Documents are complementary and describe all work required for full performance and completion of the requirements of the Contract.
It is not the intent to indicate every scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	GSR	GSR

DRAWING TITLE:
SCHEDULES - PANELBOARDS - KITCHEN

CERTIFIED BY:
TIMOTHY E. HILL
REGISTERED
No. PE19800083
STATE OF INDIANA
PROFESSIONAL ENGINEER
8/09/2024

DRAWING NUMBER
E620

PROJECT NUMBER
2023061

1BBL1 — PANELBOARD SCHEDULE

LOCATION : BASEBALL DUGOUT... | **SCCR (AMPS RMS SYMM):** 22,000 | **SERVICE :** 208Y/120V 3Φ 4-Wire+Ground | **AMP :** 50 A | **MAIN :** MCB | **NEMA:** TYPE 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	BASEBALL - 3RD BASE DUGOUT		20 A	1	762 / 0			1	20 A		SPARE	8
9	BASEBALL - 1ST BASE DUGOUT		20 A	1		762 / 0		1	20 A		SPARE	10
11	BASEBALL - SCOREBOARD		20 A	1			600 / 0	1	20 A		SPARE	12
13	LIGHTING CONTACTOR CONTROL CABINET		20 A	1	180 / 0			1	20 A		SPARE	14
15	AUXILIARY LIGHTING INTERFACE CABINET		20 A	1		180 / 0		1	20 A		SPARE	16
17	EM LIGHTING INVERTER - ENABLE CIRCUIT		20 A	1			180 / 0	1	20 A		SPARE	18
19	SPARE		20 A	1	0 / 0			1	20 A		SPARE	20
21	SPARE		20 A	1		0 / 0		1	20 A		SPARE	22
23	SPARE		20 A	1			0 / 0	1	20 A		SPARE	24
				TOTALS :	942 VA	942 VA	780 VA					

TOTAL CONNECTED LOAD (VA) : 2664 VA **TOTAL CONNECTED LOAD (AMPS) :** 7 A

REMARKS:

NOTES:

1BBH1 — PANELBOARD SCHEDULE

LOCATION : BASEBALL DUGOUT... | **SCCR (AMPS RMS SYMM):** 35,000 | **SERVICE :** 480Y/277V 3Φ 4-Wire+Ground | **AMP :** 125 A | **MAIN :** MCB | **NEMA:** TYPE 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	BASEBALL FIELD POLE 'A1'/'A2' - BLEACHER...		20 A	1	1100 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7					2523 / 2523							8
9	BASEBALL FIELD - POLE 'A1'		30 A	3		2523 / 2523		3	30 A		BASEBALL FIELD - POLE 'A2'	10
11							2523 / 2523					12
13					3529 / 3529							14
15	BASEBALL FIELD 'POLE 'B1'		30 A	3		3529 / 3529		3	30 A		BASEBALL FIELD - POLE 'B2'	16
17							3529 / 3529					18
19					1787 / 1787							20
21	BASEBALL FIELD POLE 'C1'		30 A	3		1787 / 1787		3	30 A		BASEBALL FIELD - POLE 'C2'	22
23							1787 / 1787					24
25					1787 / 1787							26
27	BASEBALL FIELD POLE 'D1'		30 A	3		1787 / 1787		3	30 A		BASEBALL FIELD - POLE 'D2'	28
29							1787 / 1787					30
31					0 / 942							32
33	SPARE		30 A	3		0 / 942		3	30 A		TRANSFORMER 'T-BB' PANEL '1BBL1'	34
35							0 / 780					36
37					4000 / 0							38
39	TRANSFORMER 'T-BB2' BASEBALL PRESSBOX		50 A	3		4000 / 0		3	20 A		SURGE PROTECTION DEVICE (SPD)	40
41							4000 / 0					42
				TOTALS :	25294 VA	24194 VA	24032 VA					

TOTAL CONNECTED LOAD (VA) : 73519 VA **TOTAL CONNECTED LOAD (AMPS) :** 88 A

REMARKS:

NOTES:

1SBL1 — PANELBOARD SCHEDULE

LOCATION : SOFTBALL DUGOUT... | **SCCR (AMPS RMS SYMM):** 22,000 | **SERVICE :** 208Y/120V 3Φ 4-Wire+Ground | **AMP :** 50 A | **MAIN :** MCB | **NEMA:** TYPE 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	PROVISION		--	1	0 / 0			1	--		PROVISION	2
3	PROVISION		--	1		0 / 0		1	--		PROVISION	4
5	PROVISION		--	1			0 / 0	1	--		PROVISION	6
7	SOFTBALL - 1ST BASE DUGOUT		20 A	1	762 / 0			1	20 A		SPARE	8
9	SOFTBALL - 3RD BASE DUGOUT		20 A	1		762 / 0		1	20 A		SPARE	10
11	SOFTBALL - SCOREBOARD		20 A	1			480 / 0	1	20 A		SPARE	12
13	SOFTBALL - LIGHTING CONTROL CABINET		20 A	1	480 / 0			1	20 A		SPARE	14
15	SOFTBALL - AUXILIARY LIGHTING INTERFACE...		20 A	1		480 / 0		1	20 A		SPARE	16
17	SOFTBALL - INVERTER ENABLE CIRCUIT		20 A	1			480 / 0	1	20 A		SPARE	18
19	SPARE		20 A	1	0 / 0			1	20 A		SPARE	20
21	SPARE		20 A	1		0 / 0		1	20 A		SPARE	22
23	SPARE		20 A	1			0 / 0	1	20 A		SPARE	24
				TOTALS :	1242 VA	1242 VA	960 VA					

TOTAL CONNECTED LOAD (VA) : 3444 VA **TOTAL CONNECTED LOAD (AMPS) :** 10 A

REMARKS:

NOTES:

1SBH1 — PANELBOARD SCHEDULE

LOCATION : SOFTBALL DUGOUT... | **SCCR (AMPS RMS SYMM):** 35,000 | **SERVICE :** 480Y/277V 3Φ 4-Wire+Ground | **AMP :** 100 A | **MAIN :** MCB | **NEMA:** TYPE 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SOFTBALL - POLE 'A3'/'A4' - BLEACHER LIGHTS		20 A	1	1100 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7					1083 / 1083							8
9	SOFTBALL FIELD - POLE 'A3'		30 A	3		1083 / 1083		3	30 A		SOFTBALL FIELD - POLE 'A4'	10
11							1083 / 1083					12
13					1975 / 1975							14
15	SOFTBALL FIELD - POLE 'B3'		30 A	3		1975 / 1975		3	30 A		SOFTBALL FIELD - POLE 'B4'	16
17							1975 / 1975					18
19					1432 / 1432							20
21	SOFTBALL FIELD - POLE 'C3'		30 A	3		1432 / 1432		3	30 A		SOFTBALL FIELD - POLE 'C4'	22
23							1432 / 1432					24
25					0 / 0							26
27	SPARE		30 A	3		0 / 0		3	30 A		SPARE	28
29							0 / 0					30
31					1242 / 0							32
33	SOFTBALL DUGOUT TRANSFORMER 'T-SB'/PANEL '1SBL1'		30 A	3		1242 / 0		3	30 A		SPARE	34
35							960 / 0					36
37					4000 / 0							38
39	SOFTBALL PRESSBOX TRANSFORMER 'T-SB2'		50 A	3		4000 / 0		3	20 A		SURGE PROTECTION DEVICE (SPD)	40
41							4000 / 0					42
				TOTALS :	15322 VA	14222 VA	13940 VA					

TOTAL CONNECTED LOAD (VA) : 43485 VA **TOTAL CONNECTED LOAD (AMPS) :** 52 A

REMARKS:

NOTES:

1FBL1 — PANELBOARD SCHEDULE

LOCATION : FOOTBALL BLEACHE... | **SCCR (AMPS RMS SYMM):** 22,000 | **SERVICE :** 208Y/120V 3Φ 4-Wire+Ground | **AMP :** 50 A | **MAIN :** MCB | **NEMA:** TYPE 3R | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	PROVISION		--	1	0 / 0			1	--		PROVISION	2
3	PROVISION		--	1		0 / 0		1	--		PROVISION	4
5	PROVISION		--	1			0 / 0	1	--		PROVISION	6
7	LIGHTS/RECEPTACLES - ATHLETIC STORAGE...		20 A	1	264 / 0			1	20 A		SPARE	8
9	LIGHTS/RECEPTACLES - EQUIPMENT STORAGE...		20 A	1		432 / 0		1	20 A		SPARE	10
11	FOOTBALL - SCOREBOARD		20 A	1			1200 / 0	1	20 A		SPARE	12
13	FOOTBALL - SOUTH PLAYCLOCK		20 A	1	600 / 0			1	20 A		SPARE	14
15	FOOTBALL - SOUTH PLAYCLOCK		20 A	1		600 / 0		1	20 A		SPARE	16
17	FOOTBALL - LIGHTING CONTROL CABINET		20 A	1			180 / 0	1	20 A		SPARE	18
19	FOOTBALL - AUXILIARY LIGHTING INTERFACE...		20 A	1	180 / 0			1	20 A		SPARE	20
21	FOOTBALL - LIGHTING INVERTER '1FB'		20 A	1		180 / 0		1	20 A		SPARE	22
23	FOOTBALL - LIGHTING INVERTER '2FB'		20 A	1			180 / 0	1	20 A		SPARE	24
				TOTALS :	1044 VA	1212 VA	1560 VA					

TOTAL CONNECTED LOAD (VA) : 3816 VA **TOTAL CONNECTED LOAD (AMPS) :** 11 A

REMARKS:

NOTES:

1FBH1 — PANELBOARD SCHEDULE

LOCATION : FOOTBALL BLEACHE... | **SCCR (AMPS RMS SYMM):** 35,000 | **SERVICE :** 480Y/277V 3Φ 4-Wire+Ground | **AMP :** 150 A | **MAIN :** MCB | **NEMA:** TYPE 3R | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	FOOTBALL - POLE 'F1'/'F3' - BLEACHER LIGHTING		20 A	1	1551 / 0			1	--		PROVISION	2
3	FOOTBALL - POLE 'F4'/'F6' - BLEACHER LIGHTING		20 A	1		1551 / 0		1	--		PROVISION	4
5	FOOTBALL - FLAGPOLE LIGHTING		20 A	1			147 / 0	1	--		PROVISION	6
7					4180 / 4180							8
9	FOOTBALL - POLE 'F1'		30 A	3		4180 / 4180		3	30 A		FOOTBALL - POLE 'F4'	10
11							4180 / 4180					12
13					3482 / 3482							14
15	FOOTBALL - POLE 'F2'		30 A	3		3482 / 3482		3	30 A		FOOTBALL - POLE 'F5'	16
17							3482 / 3482					18
19					4180 / 4180							20
21	FOOTBALL - POLE 'F3'		30 A	3		4180 / 4180		3	30 A		FOOTBALL - POLE 'F6'	22
23							4180 / 4180					24
25					0 / 0							26
27	SPARE		30 A	3		0 / 0		3	30 A		SPARE	28
29							0 / 0					30
31					0 / 1044							32
33	SPARE		30 A	3		0 / 1212		3	30 A		TRANSFORMER 'T-FB' PANEL '1FBL1'	34
35							0 / 1560					36
37					4000 / 0							38
39	FOOTBALL PRESSBOX TRANSFORMER 'T-FB2'		50 A	3		4000 / 0		3	20 A		SURGE PROTECTION DEVICE (SPD)	40
41							4000 / 0					42
				TOTALS :	30279 VA	30447 VA	29391 VA					

TOTAL CONNECTED LOAD (VA) : 90116 VA **TOTAL CONNECTED LOAD (AMPS) :** 108 A

REMARKS:

NOTES:

1TL1 — PANELBOARD SCHEDULE

LOCATION : TENNIS COURT TC | **SCCR (AMPS RMS SYMM):** 22,000 | **SERVICE :** 208Y/120V 3Φ 4-Wire+Ground | **AMP :** 50 A | **MAIN :** MCB | **NEMA:** TYPE 3R | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	PROVISION		--	1	0 / 0			1	--		PROVISION	2
3	PROVISION		--	1		0 / 0		1	--		PROVISION	4
5	PROVISION		--	1			0 / 0	1	--		PROVISION	6
7	NORTH RECEPT - COURT 4-5		20 A	1	180 / 180			1	20 A		NORTH RECEPT - COURT 1-2	8
9	NORTH RECEPT - COURT 6		20 A	1		180 / 180		1	20 A		NORTH RECEPT - COURT 2-3	10
11	NORTH RECEPT - COURT 7-8		20 A	1			180 / 180	1	20 A		SOUTH RECEPT - COURT 1-2	12
13	SOUTH RECEPT - COURT 4-5		20 A	1	180 / 180			1	20 A		SOUTH RECEPT - COURT 2-3	14
15	SOUTH RECEPT - COURT 6		20 A	1		180 / 180		1	20 A		TENNIS - LIGHTING CONTROL CABINET	16
17	SOUTH RECEPT - COURT 7-8		20 A	1			180 / 0	1	20 A		SPARE	18
19	SPARE		20 A	1	0 / 0			1	20 A		SPARE	20
21	SPARE		20 A	1		0 / 0		1	20 A		SPARE	22
23	SPARE		20 A	1			0 / 0	1	20 A		SPARE	24
				TOTALS :	720 VA	720 VA	540 VA					

TOTAL CONNECTED LOAD (VA) : 1980 VA **TOTAL CONNECTED LOAD (AMPS) :** 5 A

REMARKS:

NOTES:

1TH1 — PANELBOARD SCHEDULE

LOCATION : TENNIS COURT TC | **SCCR (AMPS RMS SYMM):** 35,000 | **SERVICE :** 480Y/277V 3Φ 4-Wire+Ground | **AMP :** 100 A | **MAIN :** MCB | **NEMA:** TYPE 3R | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	PROVISION		--	1	0 / 0			1	--		PROVISION	2
3	PROVISION		--	1		0 / 0		1	--		PROVISION	4
5	PROVISION		--	1			0 / 0	1	--		PROVISION	6
7					1083 / 1742							8
9	TENNIS COURT - POLE 'T1'		30 A	3		1083 / 1742		3	30 A		TENNIS COURT - POLE 'T4'	10
11							1083 / 1742					12
13					1742 / 1742							14
15	TENNIS COURT - POLE 'T2' 4 COURT AREA		30 A	3		1742 / 1742		3	30 A		TENNIS COURT - POLE 'T5' 4-COURT AREA	16
17							1742 / 1742					18
19					1083 / 1083							20
21	TENNIS COURT - POLE 'T2' 3 COURT AREA		30 A	3		1083 / 1083		3	20 A		TENNIS COURT - POLE 'T5' 3-COURT AREA	22
23							1083 / 1083					24
25					1742 / 1083							26
27	TENNIS COURT - POLE 'T3'		30 A	3		1742 / 1083		3	30 A		TENNIS COURT - POLE 'T6'	28
29							1742 / 1083					30
31					720 / 0							32
33	TRANSFORMER 'T-T1' PANEL '1TL1'		30 A	3		720 / 0		3	20 A		SURGE PROTECTION DEVICE (SPD)	34
35							540 / 0					36
				TOTALS :	12022 VA	12022 VA	11842 VA					

TOTAL CONNECTED LOAD (VA) : 35885 VA **TOTAL CONNECTED LOAD (AMPS) :** 43 A

REMARKS:

NOTES:

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

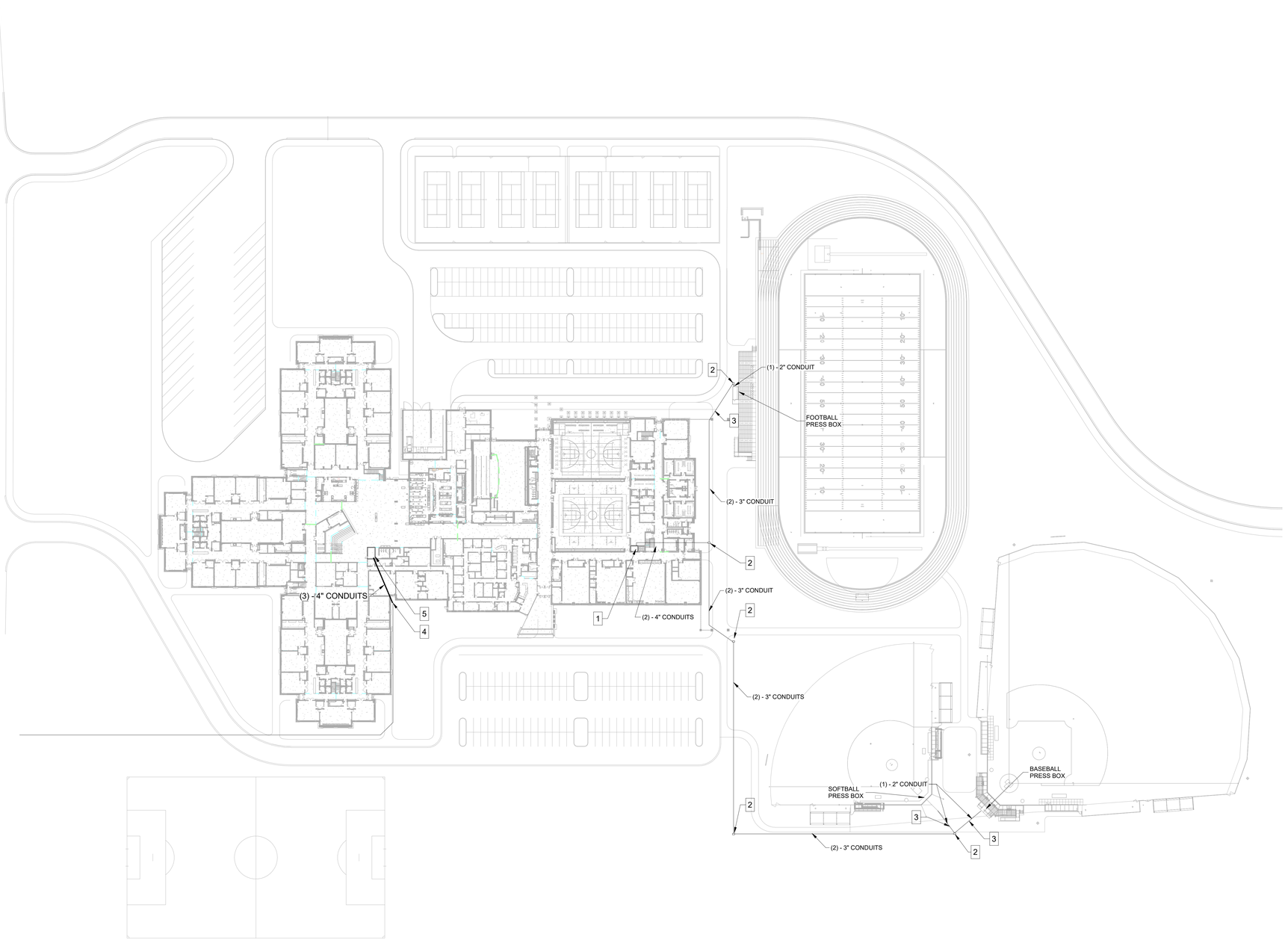
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/24	JPS	TEH

DRAWING TITLE:
SCHEDULES - PANELBOARDS - SPORTSFIELDS

CERTIFIED BY:
TIMOTHY E. HILL REGISTERED No. PE19800083 STATE OF INDIANA PROFESSIONAL ENGINEER
Timothy E. Hill 8/09/2024

DRAWING NUMBER
E621

PROJECT NUMBER
2023061



1 TELECOM SITE PLAN
1/64" = 1'-0"

GENERAL SITE PLAN NOTES

A CONTRACTOR SHALL FURNISH AND INSTALL ALL CABLING AND PATHWAYS TO ENSURE A COMPLETE AND FUNCTIONAL SYSTEM FOR BACKBONE FIBER OPTIC AND COPPER CABLING.

B ALL BACKBONE OSP FIBER OPTIC AND COPPER CABLING SHALL BE FURNISHED AND INSTALLED ACCORDING TO THE DIVISION 27 SPECIFICATIONS.

C ALL OSP CONDUIT AND PATHWAYS SHALL BE PROVIDED AND INSTALLED ACCORDING TO THE DIVISION 27 SPECIFICATIONS.

D ALL CONDUIT BENDS SHALL HAVE A MINIMUM BEND RADIUS OF 10 TIMES THE INTERNAL DIAMETER OF THE CONDUIT. THE MINIMUM BEND RADIUS FOR ALL 4" CONDUITS SHALL BE 48".

E CONTRACTOR SHALL MAINTAIN A MINIMUM 24" SEPARATION FROM THE TELECOM DUCTBANK AND PATHWAY FROM EMI SOURCES. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 36" SEPARATION FROM ALL OTHER UTILITIES.

F REFER TO CIVIL DRAWINGS FOR ALL FINAL ROUTES AND REQUIREMENTS.

SHEET NOTES

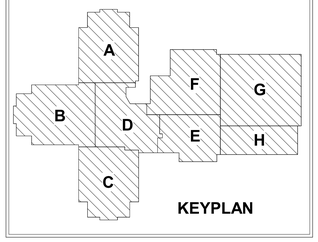
1 IDF G105 LOCATION. SITE CONDUITS SHALL STUB INTO ROOM AND BE ROUTED AWAY FROM BUILDING WITH A NEGATIVE SLOPE.

2 HANDHOLE SIZED 24" W x 36" L x 24" D AT A MINIMUM.

3 CONDUIT SHALL BE ROUTED UP PRESS BOX STRUCTURE AND TERMINATE WITHIN APPROPRIATELY SIZED ENCLOSURE WITHIN PRESS BOX.

4 (3) - 4" UNDERGROUND GRC CONDUITS. CONDUITS SHALL STUB INTO MDF AND ROUTE TO DEDICATED HANDHOLE. CONDUIT SHALL BE INSTALLED WITH A NEGATIVE SLOPE AWAY FROM THE BUILDING TO THE HANDHOLE. REFER TO CIVIL DOCUMENTATION FOR CONTINUATION OF ROUTE AND HANDHOLE LOCATION.

5 MDF D116 LOCATION. SITE CONDUITS SHALL STUB INTO ROOM AND BE ROUTED AWAY FROM BUILDING WITH A NEGATIVE SLOPE.



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27 DESIGN TECHNOLOGY ACOUSTICS
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INDIANAPOLIS, IN
46205
317.536.8000
DESIGN27.COM

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings and specifications are intended to describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

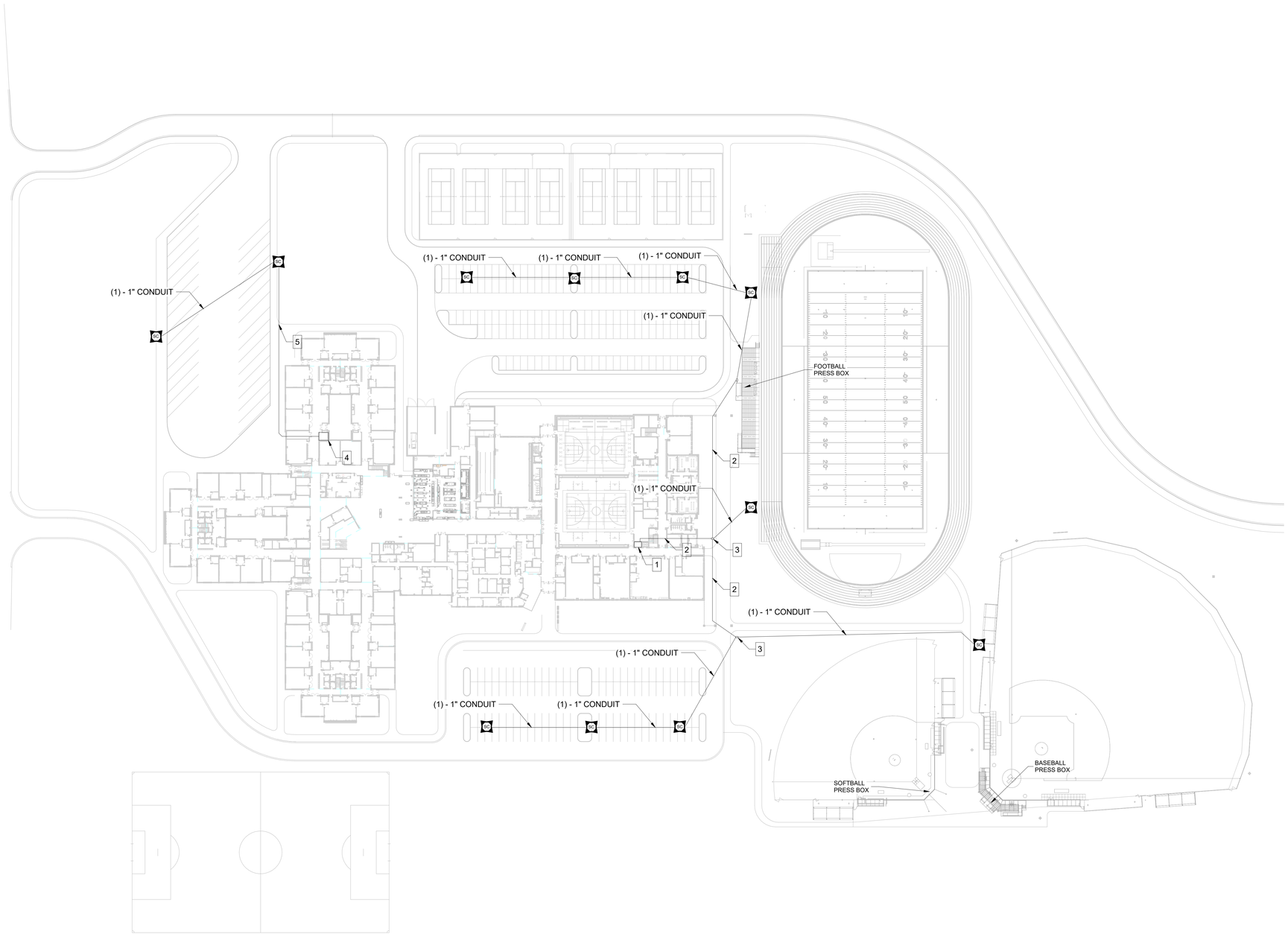
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
TELECOM SITE PLAN

CERTIFIED BY:
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-26
RCDD

DRAWING NUMBER
T001

PROJECT NUMBER
2023061



1 SECURITY SITE PLAN
1/64" = 1'-0"

GENERAL SITE PLAN NOTES

A CONTRACTOR SHALL FURNISH AND INSTALL ALL CABLING AND PATHWAYS TO ENSURE A COMPLETE AND FUNCTIONAL SYSTEM FOR BACKBONE FIBER OPTIC AND COPPER CABLING.

B ALL BACKBONE OSP FIBER OPTIC AND COPPER CABLING SHALL BE FURNISHED AND INSTALLED ACCORDING TO THE DIVISION 27 SPECIFICATIONS.

C ALL OSP CONDUIT AND PATHWAYS SHALL BE PROVIDED AND INSTALLED ACCORDING TO THE DIVISION 27 SPECIFICATIONS.

D ALL CONDUIT BENDS SHALL HAVE A MINIMUM BEND RADIUS OF 10 TIMES THE INTERNAL DIAMETER OF THE CONDUIT. THE MINIMUM BEND RADIUS FOR ALL 4" CONDUITS SHALL BE 48".

E CONTRACTOR SHALL MAINTAIN A MINIMUM 24" SEPARATION FROM THE TELECOM DUCTBANK AND PATHWAY FROM EMI SOURCES. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 36" SEPARATION FROM ALL OTHER UTILITIES.

F REFER TO CIVIL DRAWINGS FOR ALL FINAL ROUTES AND REQUIREMENTS.

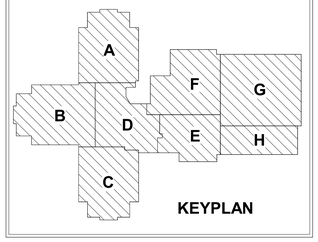
TECHNOLOGY LEGEND

- BC — BLEACHER CONNECTION LOCATION
- BR — BLUETOOTH RECEIVER LOCATION
- DATA LOCATION
- P — PROJECTOR LOCATION
- DSP — DIGITAL SIGNAGE LOCATION
- MON — MONITOR LOCATION
- AP — WIRELESS ACCESS POINT - WALL MOUNTED
- (AP) — WIRELESS ACCESS POINT - CEILING MOUNTED
- MIX — AUDIO MIXING LOCATION
- AV — AV INPUT LOCATION - TYPE 1
- AV INPUT LOCATION TYPE 2
- AV INPUT LOCATION TYPE 3
- AV RACK — AV EQUIPMENT RACK LOCATION
- CAM — VIDEO CAMERA LOCATION
- CAS — CLASSROOM AUDIO SYSTEM LOCATION
- HA — HEARING ASSISTANCE ANTENNA LOCATION
- LJ — LOUDSPEAKER JUNCTION BOX LOCATION
- MIC — MICROPHONE INPUT LOCATION
- PAW — PAGING SPEAKER - WALL MOUNTED
- PROGRAM SPEAKER - WALL MOUNTED
- (S) — PAGING SPEAKER - CEILING MOUNTED
- S — PROGRAM SPEAKER - CEILING MOUNTED
- S — PROGRAM SPEAKER - PENDANT MOUNTED
- TEP — TECHNICAL FACILITIES PANEL LOCATION
- TP — TOUCH PANEL LOCATION
- TP — TABLE TOP TOUCH PANEL LOCATION
- VC — VOLUME CONTROL LOCATION
- WA — WIRELESS MICROPHONE ANTENNA LOCATION
- CR — CARD READER LOCATION
- CRS — CARD READER - MULLION MOUNTED
- (D) — DOOR POSITION SENSOR LOCATION
- DB — DURESS BUTTON LOCATION
- MC — MOBILE CART LOCATION
- MH — MAGNETIC HOLD DOOR HARDWARE
- EH — ELECTRIFIED LOCKING HARDWARE
- SC — SECURITY CAMERA - CEILING MOUNTED
- SC — SECURITY CAMERA - WALL MOUNTED
- AS — VIDEO INTERCOM ANSWERING STATION
- VI — VIDEO INTERCOM DOOR STATION

SHEET NOTES

1 IDF G105 LOCATION.
2 CONDUITS AS SHOWN ON SHEET T001.
3 HANDHOLE AS SHOWN ON SHEET T001.
4 IDF A128 LOCATION.
5 1" CONDUIT SHALL STUB INTO ROOM AND BE ROUTED AWAY FROM BUILDING WITH A NEGATIVE SLOPE.

KEYPLAN



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REVISIONS:

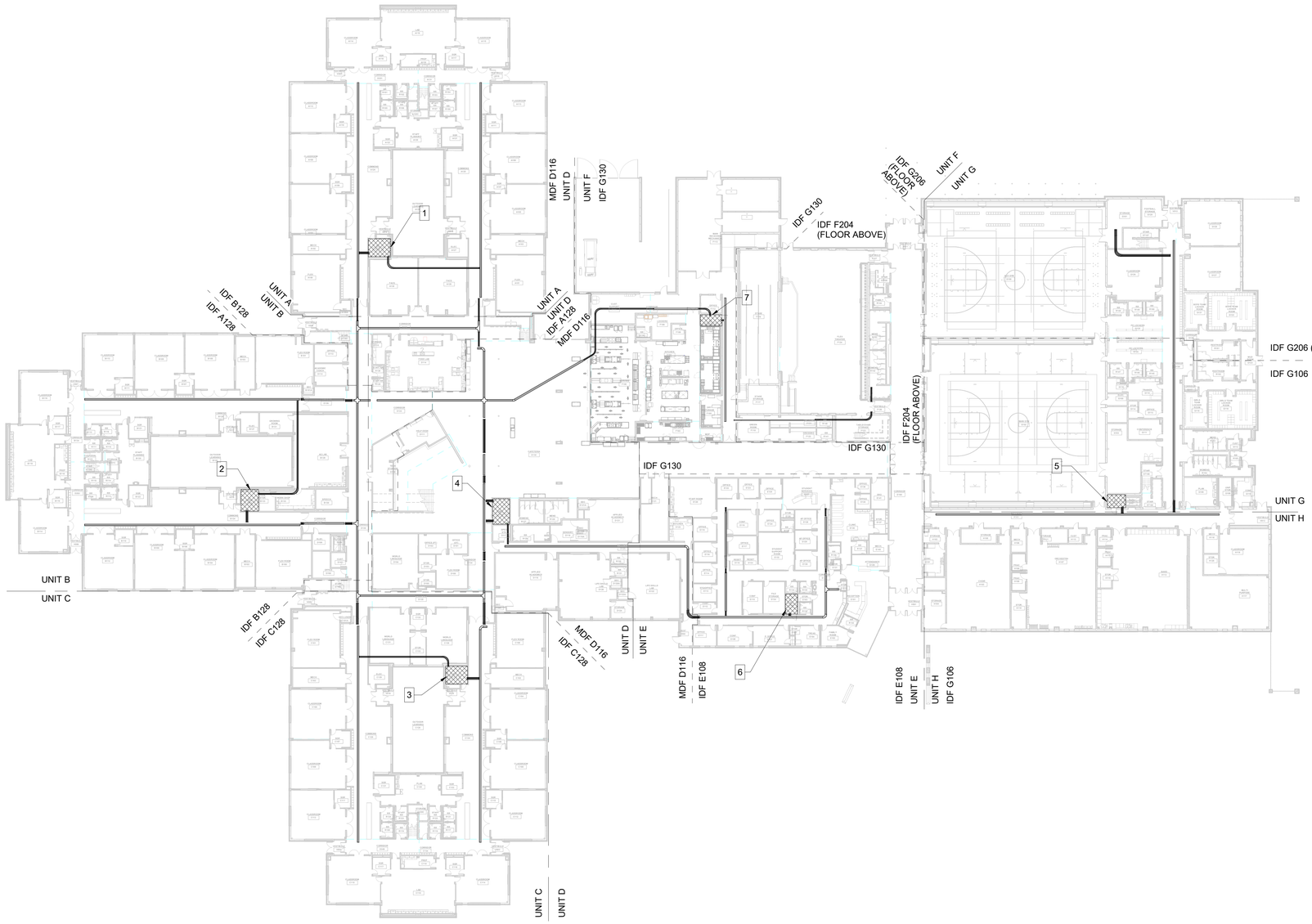
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
SECURITY SITE PLAN

CERTIFIED BY:
BICSI REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-20
RCDD

DRAWING NUMBER
T002

PROJECT NUMBER
2023061



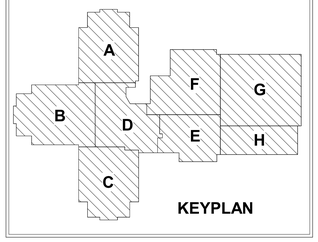
1 GROUND FLOOR OVERALL DISTRIBUTION PLAN
1" = 30'-0"

GENERAL PATHWAYS NOTES

A	ALL CABLING SHALL BE TERMINATED IN THE MDF/IDF NOTED IN THE TELECOM SCHEDULES.
B	CONTRACTOR SHALL SUPPLY ALL CONDUIT, BOXES, AND CABLE TRAY AS REQUIRED TO ENSURE ALL TRANSMISSION MEDIA IS FULLY SUPPORTED FROM ALL DEVICE LOCATIONS TO THE POINT OF TERMINATION.
C	ALL TELECOM PATHWAY SYSTEMS SHALL BE INDEPENDENTLY SUPPORTED FROM AND ATTACHED TO THE BUILDING STRUCTURE.
D	ALL TELECOM PATHWAY SYSTEMS SHALL BE COMPLETELY AND PROPERLY LABELED AS REQUIRED IN REFERENCED STANDARDS.
E	CONDUIT SYSTEMS SHALL BE PROVIDED FOR ALL PATHWAYS IN INACCESIBLE CEILING SPACES AND WHERE EXPOSED TO PUBLIC VIEW. ALL CONDUIT SYSTEMS THROUGHOUT THE BUILDING SHALL INCLUDE PROPERLY SIZED SLEEVED PENETRATIONS WITH BUSHINGS THROUGH ALL BARRIERS.
F	ALL TELECOM OUTLET BOXES SHALL BE A MINIMUM 4-11/16" SQUARE BOX NO LESS THAN 2-1/8" DEEP WITH A MINIMUM 1-1/4" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING UNLESS NOTED OTHERWISE WITHIN THE T-SERIES DRAWINGS.
G	CORRIDOR CABLE TRAY SHALL BE PROVIDED AS REQUIRED BY THE CONTRACT DRAWINGS. REFER TO DIVISION 27 SPECIFICATIONS FOR ADDITIONAL PRODUCT DETAILS AND REQUIREMENTS.
H	CONTRACTOR SHALL NOT EXCEED 40% FILL RATIO WITHIN ANY CONDUIT MEANT FOR TELECOMMUNICATIONS CABLING.
I	CONTRACTOR SHALL CALCULATE FILL RATIOS BASED ON ACTUAL CATEGORY 6A CABLING USED. TYPICAL FILL RATIOS FOR CATEGORY 6A CABLE ARE SHOWN HERE FOR REFERENCE PURPOSES ONLY: 1" EMT = 5 CABLES; 1-1/4" EMT = 9 CABLES; 2" EMT = 21 CABLES; 3" EMT = 57 CABLES; 4" EMT = 93 CABLES
J	CONDUIT RUNS SHALL NOT EXCEED 100 FEET WITHOUT A PULLING POINT AND SHALL NOT INCLUDE MORE THAN TWO 90° BENDS BETWEEN PULLING POINTS. IF THE PATH OF THE CONDUIT RUN REQUIRES BENDS EXCEEDING A TOTAL OF 180°, INSTALLATION OF AN APPROPRIATELY SIZED JUNCTION BOX IS REQUIRED.
K	CONTRACTOR SHALL PROVIDE PROPERLY RATED FIRE STOP SYSTEMS FOR ALL CONDUIT AND/OR CABLE TRAY ENTERING THE TELECOMMUNICATIONS ROOMS. EACH CONTRACTOR IS RESPONSIBLE FOR SEALING PENETRATIONS AFTER EACH SCOPE OF WORK IS COMPLETED.
L	CONTRACTOR SHALL PROVIDE FIRE STOPS TO SEAL ALL PENETRATIONS THROUGH FLOORS, WALLS, STAIRS, AND ELEVATORS AS NECESSARY TO MEET CODE REQUIREMENTS. FIRE STOPS SHALL BE PROVIDED IN ACCORDANCE WITH ALL APPLICABLE CODES AND STANDARDS.

SHEET NOTES

1 IDF A128 LOCATION.
2 IDF B128 LOCATION.
3 IDF C128 LOCATION.
4 MDF D116 LOCATION.
5 IDF G106 LOCATION.
6 IDF E108 LOCATION.
7 IDF G130 LOCATION.



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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

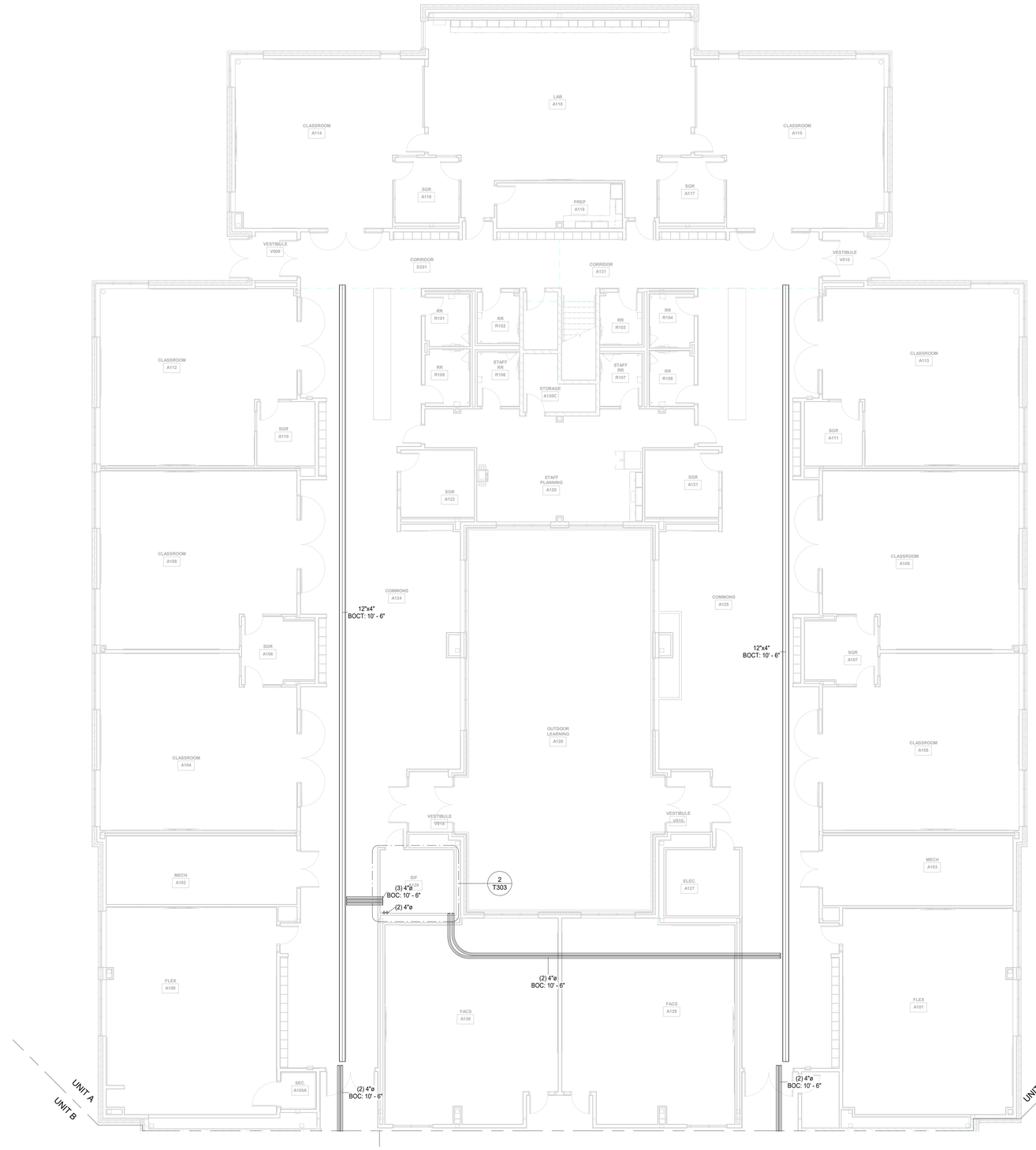
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
GROUND FLOOR OVERALL DISTRIBUTION PLAN

CERTIFIED BY:
BICSI REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Douglas J Driscall
BICSI ID # 123408
EXPIRES 12-31-26
RCDD

DRAWING NUMBER
T101

PROJECT NUMBER
2023061



1 GROUND FLOOR DISTRIBUTION PLAN - UNIT A
1/8" = 1'-0"

GENERAL PATHWAYS NOTES

A	ALL CABLING SHALL BE TERMINATED IN THE MDF/IDF NOTED IN THE TELECOM SCHEDULES.
B	CONTRACTOR SHALL SUPPLY ALL CONDUIT, BOXES, AND CABLE TRAY AS REQUIRED TO ENSURE ALL TRANSMISSION MEDIA IS FULLY SUPPORTED FROM ALL DEVICE LOCATIONS TO THE POINT OF TERMINATION.
C	ALL TELECOM PATHWAY SYSTEMS SHALL BE INDEPENDENTLY SUPPORTED FROM AND ATTACHED TO THE BUILDING STRUCTURE.
D	ALL TELECOM PATHWAY SYSTEMS SHALL BE COMPLETELY AND PROPERLY LABELED AS REQUIRED IN REFERENCED STANDARDS.
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G	CORRIDOR CABLE TRAY SHALL BE PROVIDED AS REQUIRED BY THE CONTRACT DRAWINGS. REFER TO DIVISION 27 SPECIFICATIONS FOR ADDITIONAL PRODUCT DETAILS AND REQUIREMENTS.
H	CONTRACTOR SHALL NOT EXCEED 40% FILL RATIO WITHIN ANY CONDUIT MEANT FOR TELECOMMUNICATIONS CABLING.
I	CONTRACTOR SHALL CALCULATE FILL RATIOS BASED ON ACTUAL CATEGORY 6A CABLING USED. TYPICAL FILL RATIOS FOR CATEGORY 6A CABLE ARE SHOWN HERE FOR REFERENCE PURPOSES ONLY: 1" EMT = 5 CABLES; 1-1/4" EMT = 9 CABLES; 2" EMT = 21 CABLES; 3" EMT = 57 CABLES; 4" EMT = 93 CABLES
J	CONDUIT RUNS SHALL NOT EXCEED 100 FEET WITHOUT A PULLING POINT AND SHALL NOT INCLUDE MORE THAN TWO 90° BENDS BETWEEN PULLING POINTS. IF THE PATH OF THE CONDUIT RUN REQUIRES BENDS EXCEEDING A TOTAL OF 180°, INSTALLATION OF AN APPROPRIATELY SIZED JUNCTION BOX IS REQUIRED.
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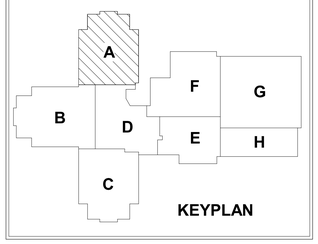

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46205
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

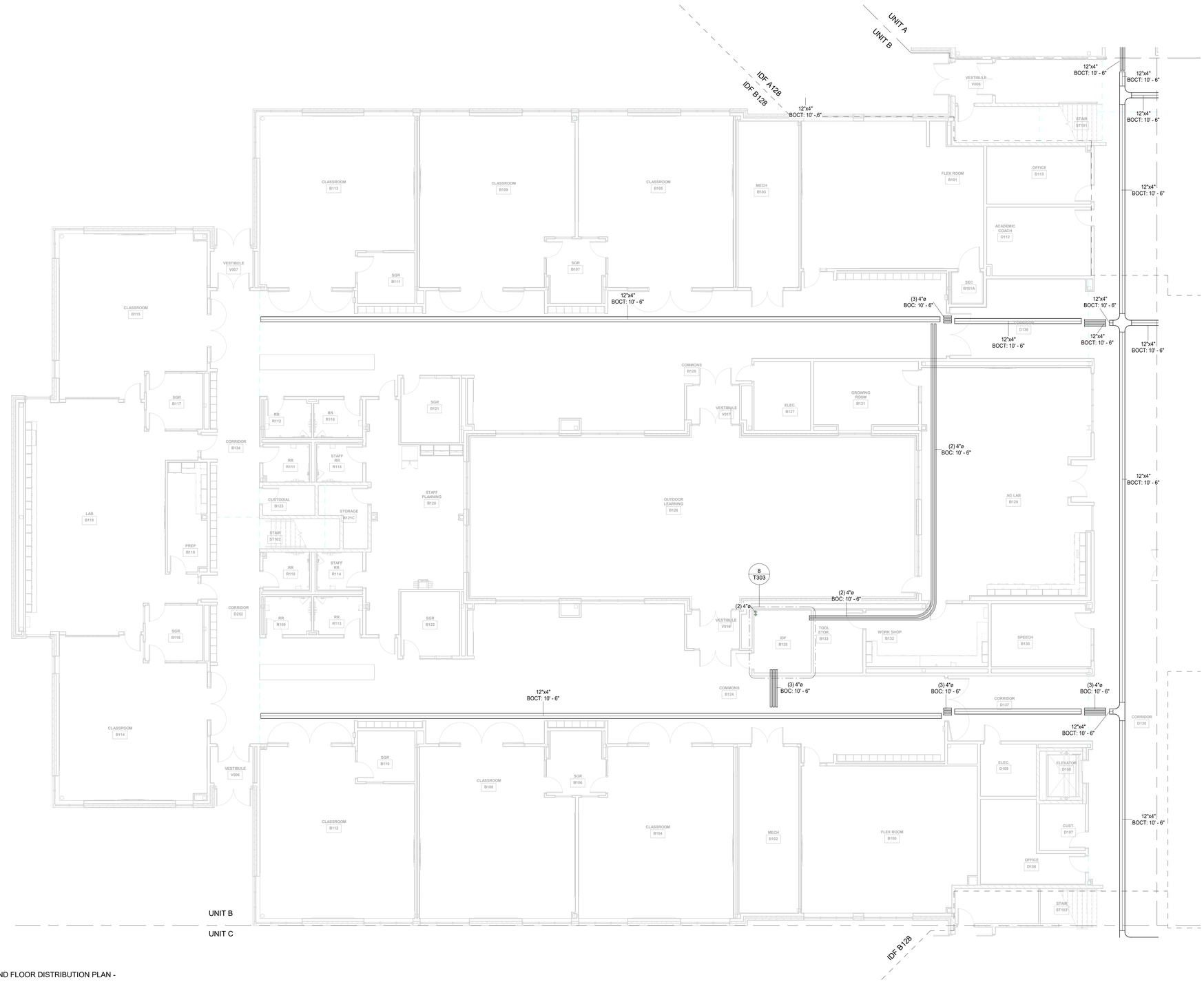
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
GROUND FLOOR DISTRIBUTION PLAN - UNIT A

CERTIFIED BY:
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-26
RCDD

DRAWING NUMBER
T101A

PROJECT NUMBER
2023061



1 GROUND FLOOR DISTRIBUTION PLAN - UNIT B
1/8" = 1'-0"

GENERAL PATHWAYS NOTES

A	ALL CABLING SHALL BE TERMINATED IN THE MDF/IDF NOTED IN THE TELECOM SCHEDULES.
B	CONTRACTOR SHALL SUPPLY ALL CONDUIT, BOXES, AND CABLE TRAY AS REQUIRED TO ENSURE ALL TRANSMISSION MEDIA IS FULLY SUPPORTED FROM ALL DEVICE LOCATIONS TO THE POINT OF TERMINATION.
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G	CORRIDOR CABLE TRAY SHALL BE PROVIDED AS REQUIRED BY THE CONTRACT DRAWINGS. REFER TO DIVISION 27 SPECIFICATIONS FOR ADDITIONAL PRODUCT DETAILS AND REQUIREMENTS.
H	CONTRACTOR SHALL NOT EXCEED 40% FILL RATIO WITHIN ANY CONDUIT MEANT FOR TELECOMMUNICATIONS CABLING.
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J	CONDUIT RUNS SHALL NOT EXCEED 100 FEET WITHOUT A PULLING POINT AND SHALL NOT INCLUDE MORE THAN TWO 90° BENDS BETWEEN PULLING POINTS. IF THE PATH OF THE CONDUIT RUN REQUIRES BENDS EXCEEDING A TOTAL OF 180°, INSTALLATION OF AN APPROPRIATELY SIZED JUNCTION BOX IS REQUIRED.
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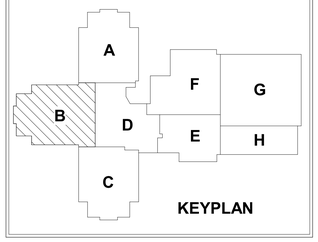

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REVISIONS:

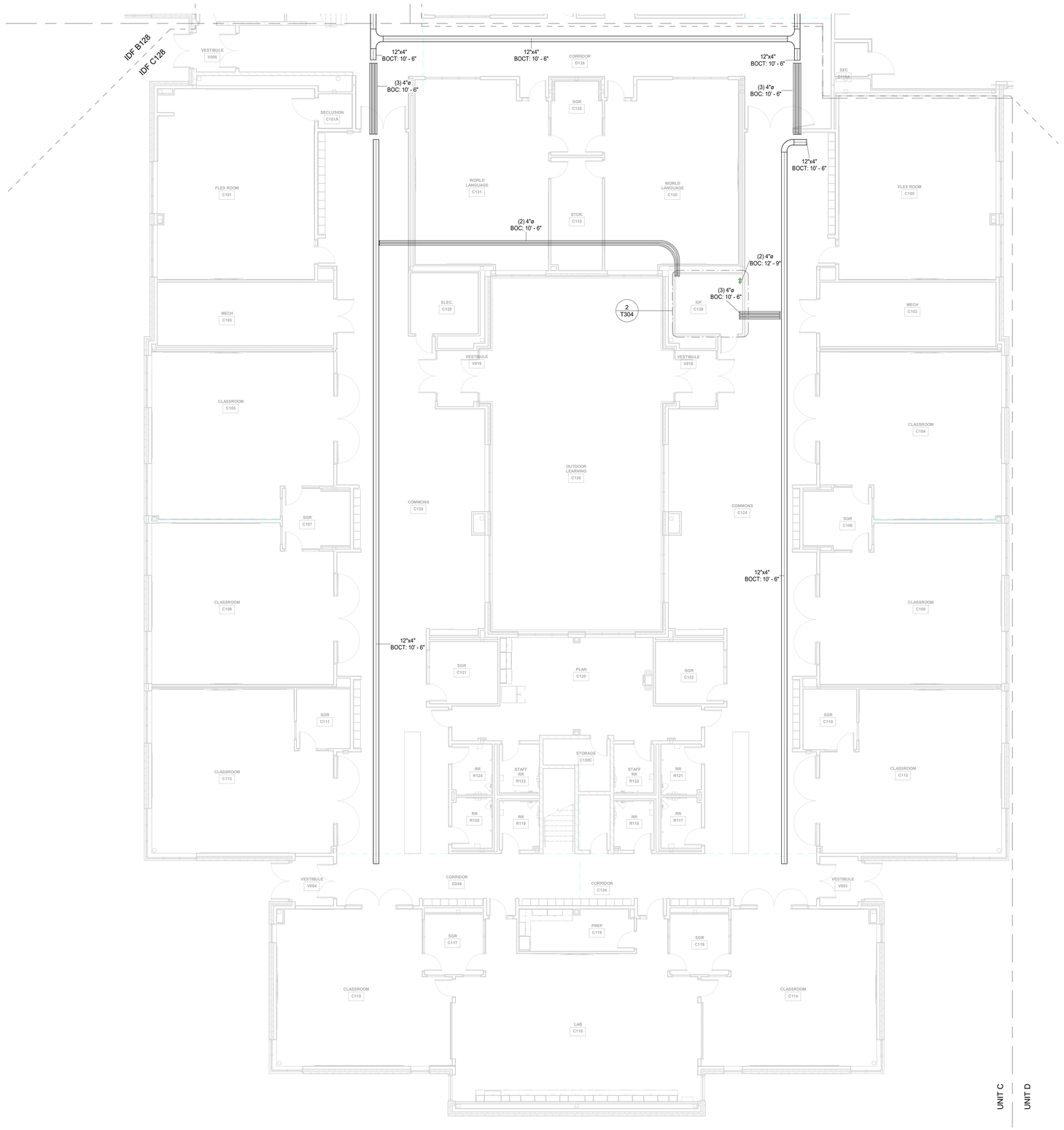
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
GROUND FLOOR DISTRIBUTION PLAN - UNIT B

CERTIFIED BY:
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Douglas J Driscoll
BICSI ID # 1214408
EXPIRES 12-31-26
RCDD

DRAWING NUMBER
T101B

PROJECT NUMBER
2023061



1 GROUND FLOOR DISTRIBUTION PLAN - UNIT C
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F	ALL TELECOM OUTLET BOXES SHALL BE A MINIMUM 4-11/16" SQUARE BOX NO LESS THAN 2-1/8" DEEP WITH A MINIMUM 1-1/4" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING UNLESS NOTED OTHERWISE WITHIN THE T-SERIES DRAWINGS.
G	CORRIDOR CABLE TRAY SHALL BE PROVIDED AS REQUIRED BY THE CONTRACT DRAWINGS. REFER TO DIVISION 27 SPECIFICATIONS FOR ADDITIONAL PRODUCT DETAILS AND REQUIREMENTS.
H	CONTRACTOR SHALL NOT EXCEED 40% FILL RATIO WITHIN ANY CONDUIT MEANT FOR TELECOMMUNICATIONS CABLING.
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J	CONDUIT RUNS SHALL NOT EXCEED 100 FEET WITHOUT A PULLING POINT AND SHALL NOT INCLUDE MORE THAN TWO 90° BENDS BETWEEN PULLING POINTS. IF THE PATH OF THE CONDUIT RUN REQUIRES BENDS EXCEEDING A TOTAL OF 180°, INSTALLATION OF AN APPROPRIATELY SIZED JUNCTION BOX IS REQUIRED.
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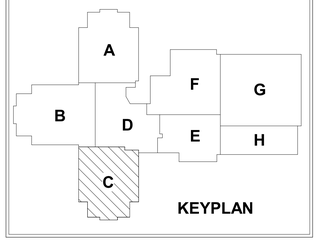

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BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

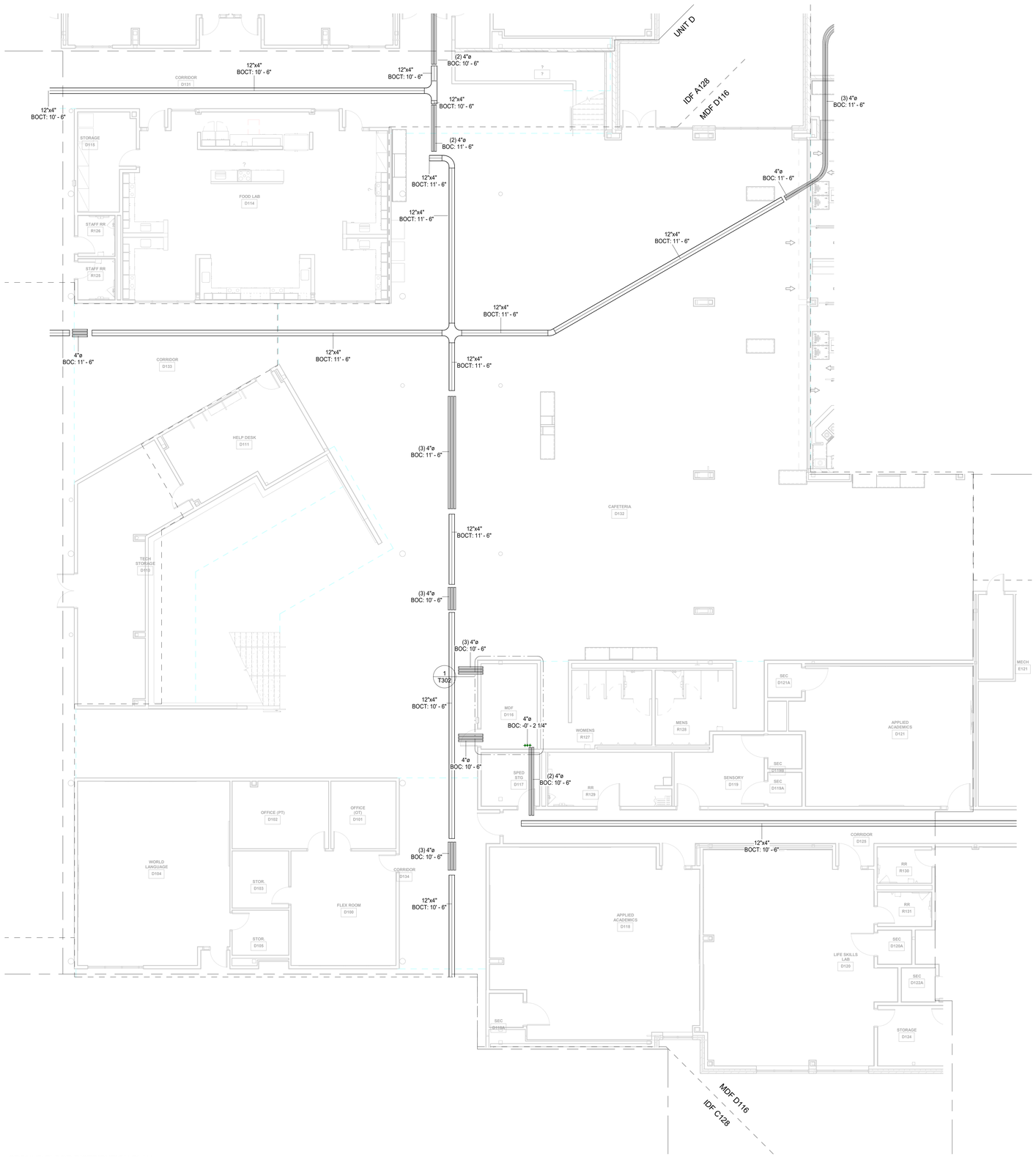
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
GROUND FLOOR DISTRIBUTION PLAN - UNIT C

CERTIFIED BY:
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-26
RCDD

DRAWING NUMBER
T101C

PROJECT NUMBER
2023061



1 GROUND FLOOR DISTRIBUTION PLAN - UNIT D
1/8" = 1'-0"

GENERAL PATHWAYS NOTES

A	ALL CABLING SHALL BE TERMINATED IN THE MDF/IDF NOTED IN THE TELECOM SCHEDULES.
B	CONTRACTOR SHALL SUPPLY ALL CONDUIT, BOXES, AND CABLE TRAY AS REQUIRED TO ENSURE ALL TRANSMISSION MEDIA IS FULLY SUPPORTED FROM ALL DEVICE LOCATIONS TO THE POINT OF TERMINATION.
C	ALL TELECOM PATHWAY SYSTEMS SHALL BE INDEPENDENTLY SUPPORTED FROM AND ATTACHED TO THE BUILDING STRUCTURE.
D	ALL TELECOM PATHWAY SYSTEMS SHALL BE COMPLETELY AND PROPERLY LABELED AS REQUIRED IN REFERENCED STANDARDS.
E	CONDUIT SYSTEMS SHALL BE PROVIDED FOR ALL PATHWAYS IN INACCESIBLE CEILING SPACES AND WHERE EXPOSED TO PUBLIC VIEW. ALL CONDUIT SYSTEMS THROUGHOUT THE BUILDING SHALL INCLUDE PROPERLY SIZED SLEEVED PENETRATIONS WITH BUSHINGS THROUGH ALL BARRIERS.
F	ALL TELECOM OUTLET BOXES SHALL BE A MINIMUM 4-11/16" SQUARE BOX NO LESS THAN 2-1/8" DEEP WITH A MINIMUM 1-1/4" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING UNLESS NOTED OTHERWISE WITHIN THE T-SERIES DRAWINGS.
G	CORRIDOR CABLE TRAY SHALL BE PROVIDED AS REQUIRED BY THE CONTRACT DRAWINGS. REFER TO DIVISION 27 SPECIFICATIONS FOR ADDITIONAL PRODUCT DETAILS AND REQUIREMENTS.
H	CONTRACTOR SHALL NOT EXCEED 40% FILL RATIO WITHIN ANY CONDUIT MEANT FOR TELECOMMUNICATIONS CABLING.
I	CONTRACTOR SHALL CALCULATE FILL RATIOS BASED ON ACTUAL CATEGORY 6A CABLING USED. TYPICAL FILL RATIOS FOR CATEGORY 6A CABLE ARE SHOWN HERE FOR REFERENCE PURPOSES ONLY: 1" EMT = 5 CABLES; 1-1/4" EMT = 9 CABLES; 2" EMT = 21 CABLES; 3" EMT = 57 CABLES; 4" EMT = 93 CABLES
J	CONDUIT RUNS SHALL NOT EXCEED 100 FEET WITHOUT A PULLING POINT AND SHALL NOT INCLUDE MORE THAN TWO 90° BENDS BETWEEN PULLING POINTS. IF THE PATH OF THE CONDUIT RUN REQUIRES BENDS EXCEEDING A TOTAL OF 180°, INSTALLATION OF AN APPROPRIATELY SIZED JUNCTION BOX IS REQUIRED.
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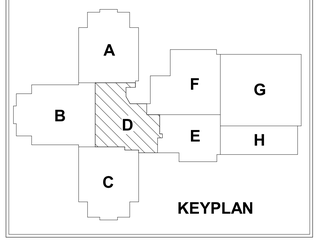

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INDIANAPOLIS, IN
46205
317.536.8000
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

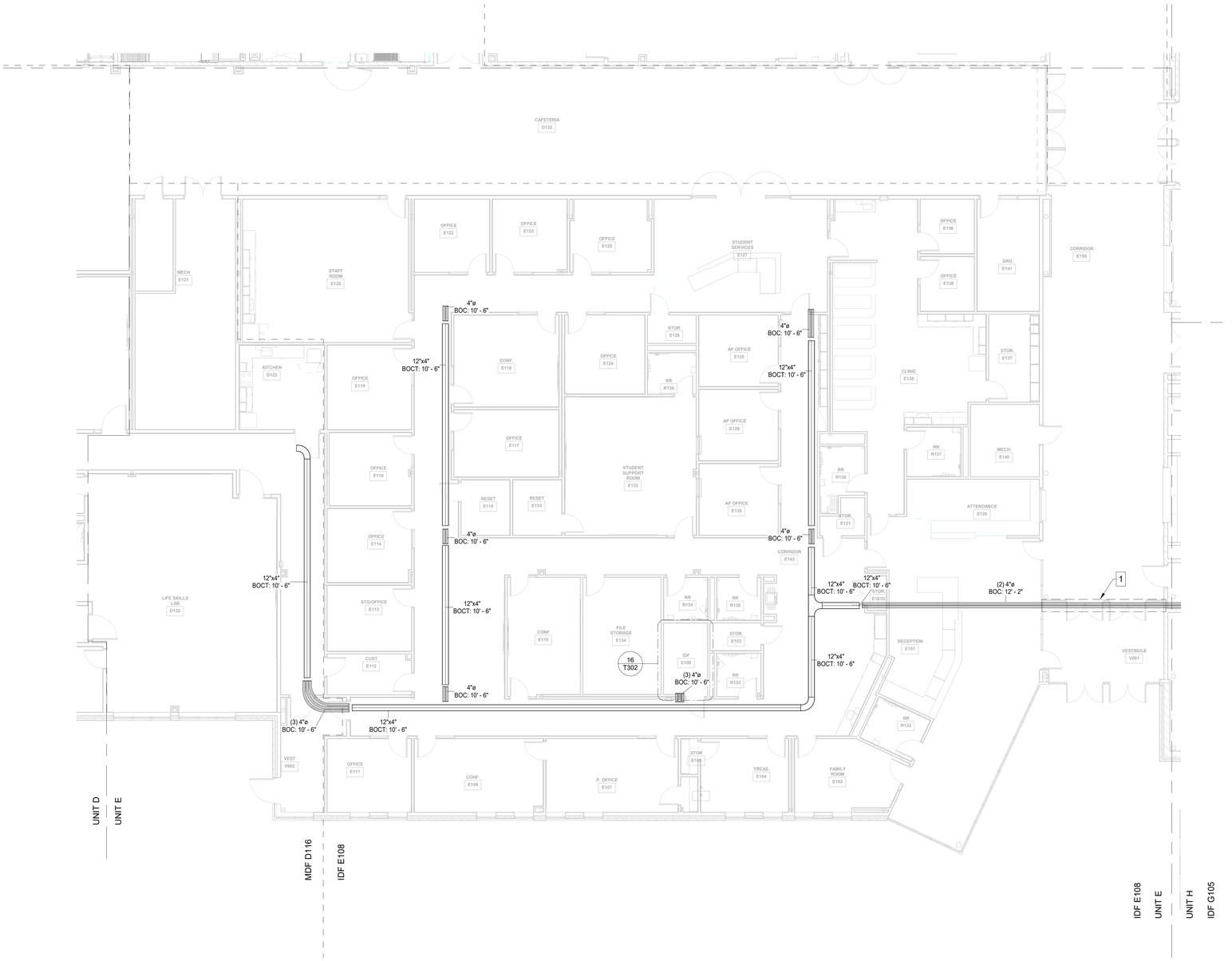
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
GROUND FLOOR DISTRIBUTION PLAN - UNIT D

CERTIFIED BY:
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-26
RCDD

DRAWING NUMBER
T101D

PROJECT NUMBER
2023061



1 GROUND FLOOR DISTRIBUTION PLAN - UNIT E
1/8" = 1'-0"

GENERAL PATHWAYS NOTES

A	ALL CABLING SHALL BE TERMINATED IN THE MDF/IDF NOTED IN THE TELECOM SCHEDULES.
B	CONTRACTOR SHALL SUPPLY ALL CONDUIT, BOXES, AND CABLE TRAY AS REQUIRED TO ENSURE ALL TRANSMISSION MEDIA IS FULLY SUPPORTED FROM ALL DEVICE LOCATIONS TO THE POINT OF TERMINATION.
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G	CORRIDOR CABLE TRAY SHALL BE PROVIDED AS REQUIRED BY THE CONTRACT DRAWINGS. REFER TO DIVISION 27 SPECIFICATIONS FOR ADDITIONAL PRODUCT DETAILS AND REQUIREMENTS.
H	CONTRACTOR SHALL NOT EXCEED 40% FILL RATIO WITHIN ANY CONDUIT MEANT FOR TELECOMMUNICATIONS CABLING.
I	CONTRACTOR SHALL CALCULATE FILL RATIOS BASED ON ACTUAL CATEGORY 6A CABLING USED. TYPICAL FILL RATIOS FOR CATEGORY 6A CABLE ARE SHOWN HERE FOR REFERENCE PURPOSES ONLY: 1" EMT = 5 CABLES; 1-1/4" EMT = 9 CABLES; 2" EMT = 21 CABLES; 3" EMT = 57 CABLES; 4" EMT = 93 CABLES
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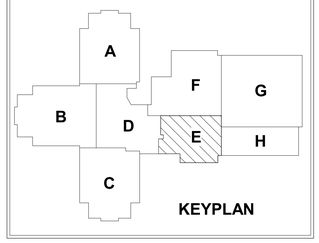
SHEET NOTES

1 CONDUITS SHALL BE RECESSED WITHIN HOLLOW BULKHEAD. COORDINATE WITH CONSTRUCTION MANAGER DURING ROUGH-IN AND FRAMING OF BULKHEAD.



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WESTFIELD MIDDLE SCHOOL WEST
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REVISIONS:

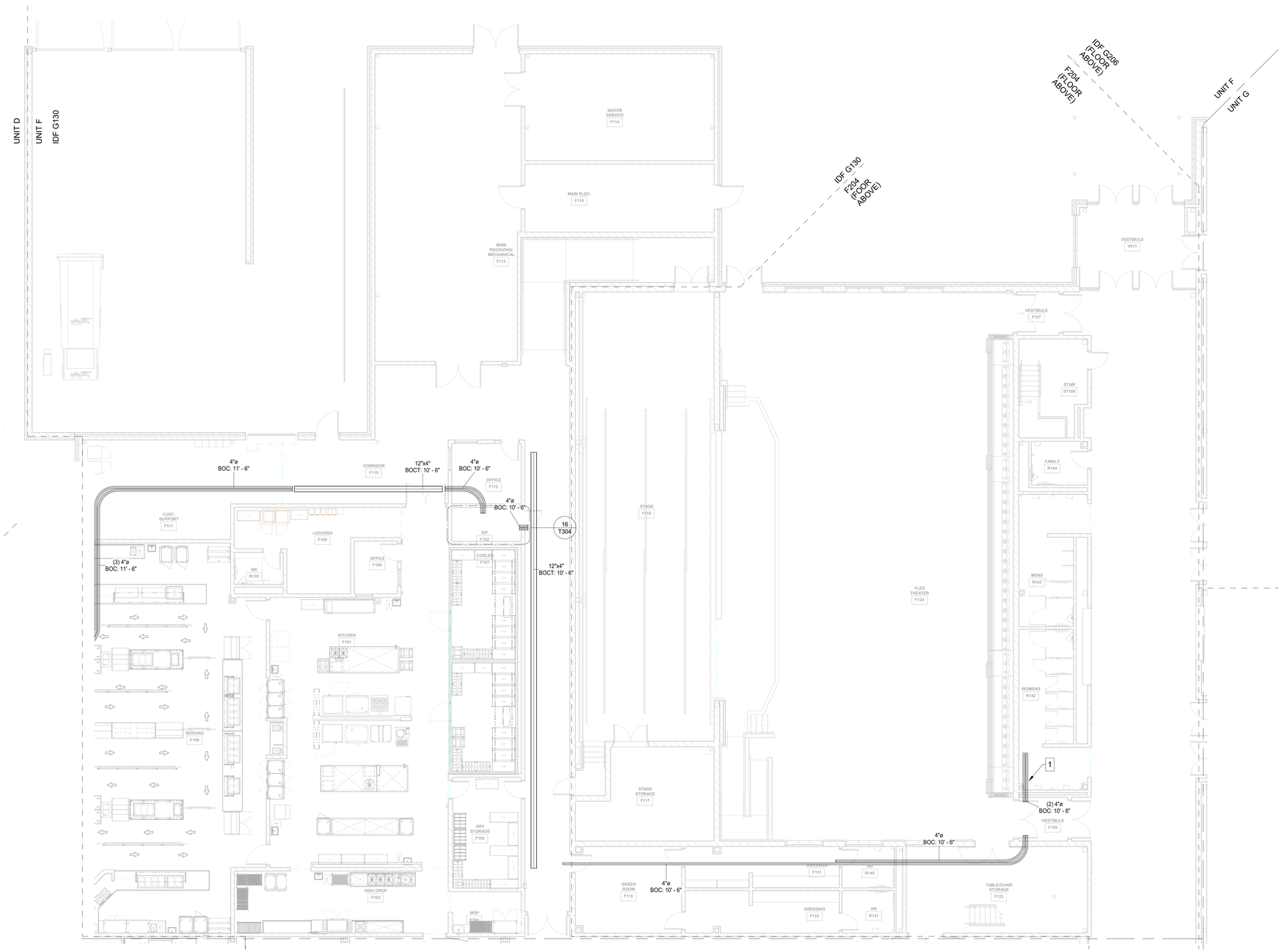
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
GROUND FLOOR DISTRIBUTION PLAN - UNIT E

CERTIFIED BY:
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-25
RCDD

DRAWING NUMBER
T101E

PROJECT NUMBER
2023061



1 GROUND FLOOR DISTRIBUTION PLAN - UNIT F
1/8" = 1'-0"

GENERAL PATHWAYS NOTES

A	ALL CABLING SHALL BE TERMINATED IN THE MDF/IDF NOTED IN THE TELECOM SCHEDULES.
B	CONTRACTOR SHALL SUPPLY ALL CONDUIT, BOXES, AND CABLE TRAY AS REQUIRED TO ENSURE ALL TRANSMISSION MEDIA IS FULLY SUPPORTED FROM ALL DEVICE LOCATIONS TO THE POINT OF TERMINATION.
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G	CORRIDOR CABLE TRAY SHALL BE PROVIDED AS REQUIRED BY THE CONTRACT DRAWINGS. REFER TO DIVISION 27 SPECIFICATIONS FOR ADDITIONAL PRODUCT DETAILS AND REQUIREMENTS.
H	CONTRACTOR SHALL NOT EXCEED 40% FILL RATIO WITHIN ANY CONDUIT MEANT FOR TELECOMMUNICATIONS CABLING.
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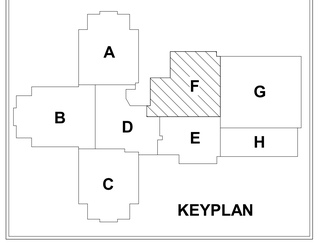
SHEET NOTES

1 CONDUITS ROUTED UP TO IDF F204 ON THE FLOOR ABOVE.



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PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST

BID DOCUMENTS

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
GROUND FLOOR DISTRIBUTION PLAN - UNIT F

CERTIFIED BY:
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-20
RCDD

DRAWING NUMBER
T101F

PROJECT NUMBER
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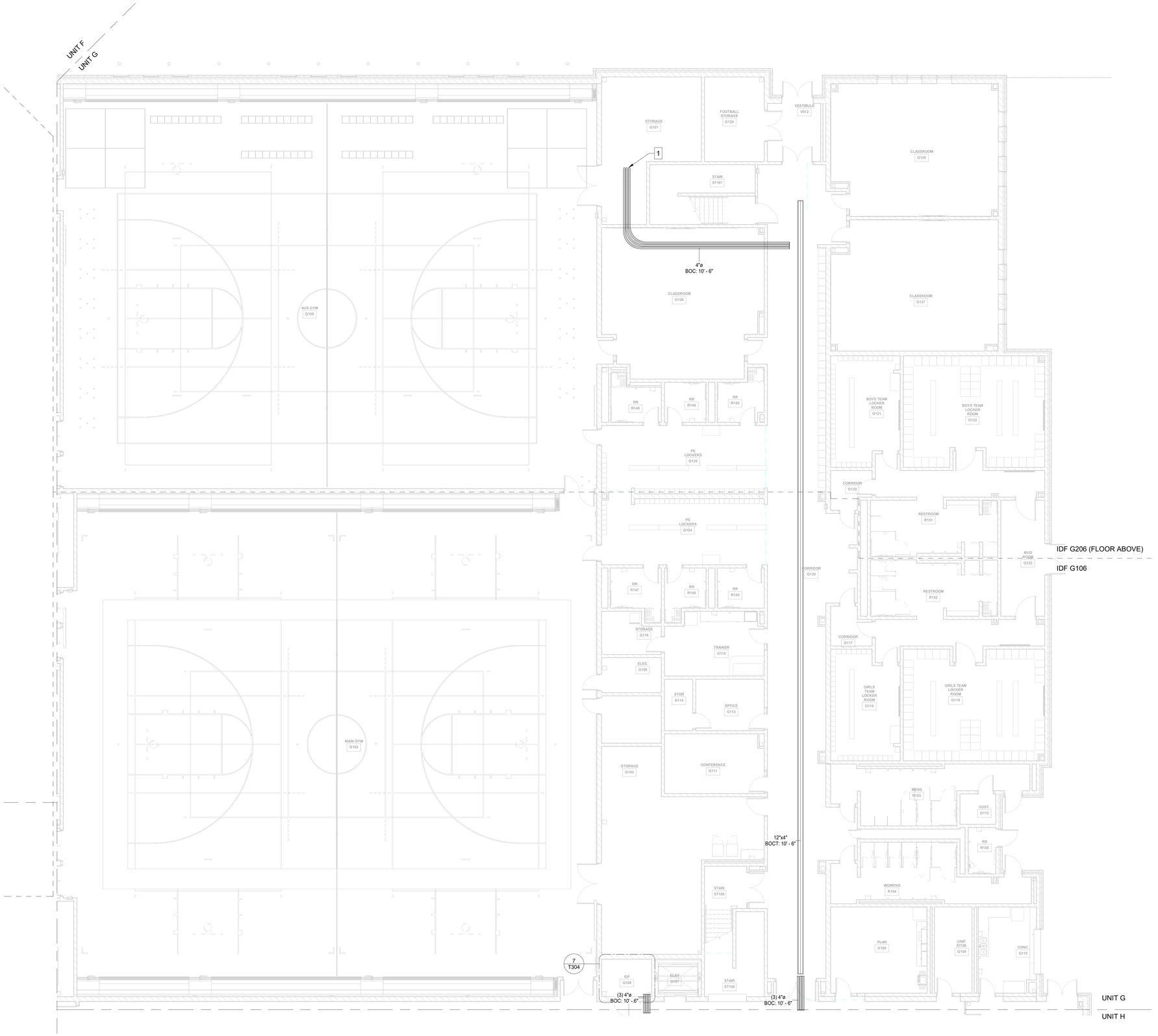

1 GROUND FLOOR DISTRIBUTION PLAN - UNIT G
1/8" = 1'-0"

GENERAL PATHWAYS NOTES

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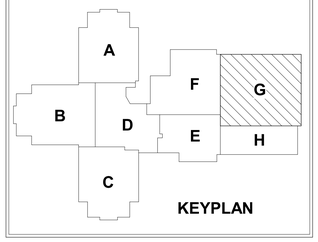
SHEET NOTES

1 CONDUITS ROUTED UP TO IDF G205 ON THE FLOOR ABOVE.



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WESTFIELD MIDDLE SCHOOL WEST
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ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
GROUND FLOOR DISTRIBUTION PLAN - UNIT G

CERTIFIED BY:
BICSI REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-20
RCDD

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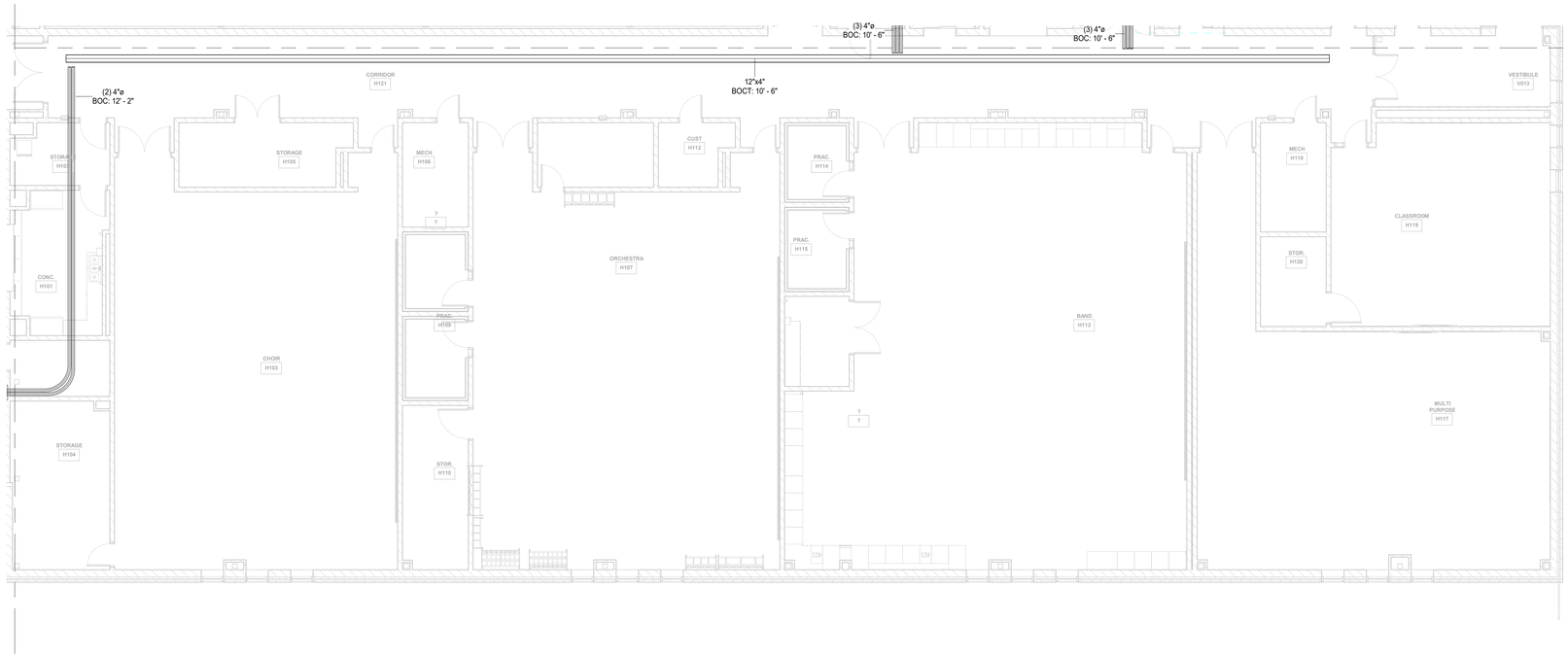

1 GROUND FLOOR DISTRIBUTION PLAN - UNIT H
1/8" = 1'-0"

GENERAL PATHWAYS NOTES

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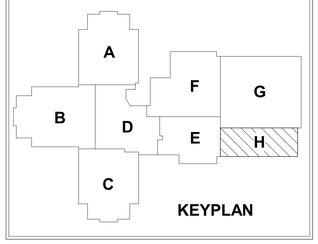

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DRAWING TITLE:
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CERTIFIED BY:
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Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-20
RCDD

DRAWING NUMBER
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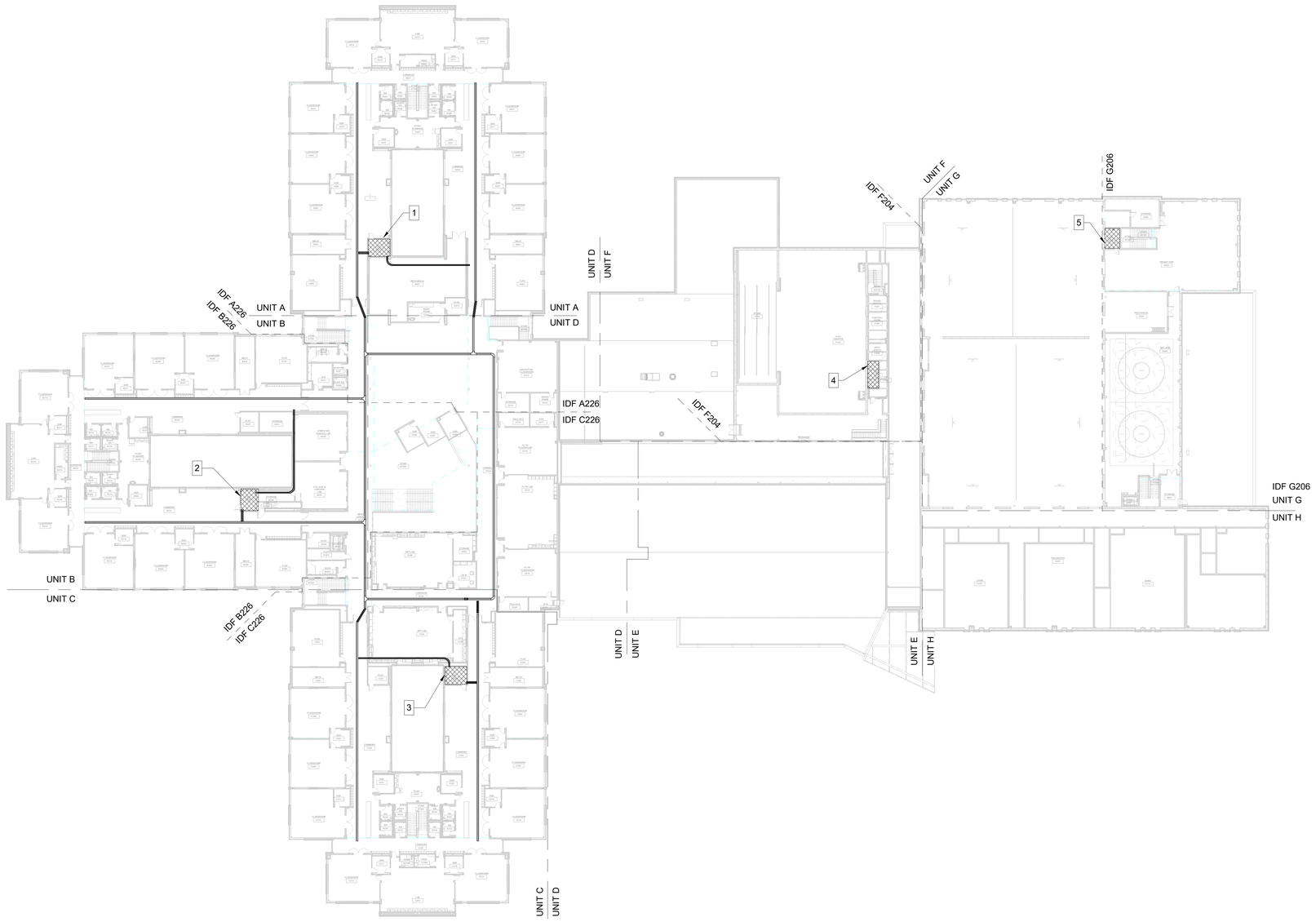

1 SECOND FLOOR OVERALL DISTRIBUTION PLAN
1" = 30'-0"

GENERAL PATHWAYS NOTES

A	ALL CABLING SHALL BE TERMINATED IN THE MDF/IDF NOTED IN THE TELECOM SCHEDULES.
B	CONTRACTOR SHALL SUPPLY ALL CONDUIT, BOXES, AND CABLE TRAY AS REQUIRED TO ENSURE ALL TRANSMISSION MEDIA IS FULLY SUPPORTED FROM ALL DEVICE LOCATIONS TO THE POINT OF TERMINATION.
C	ALL TELECOM PATHWAY SYSTEMS SHALL BE INDEPENDENTLY SUPPORTED FROM AND ATTACHED TO THE BUILDING STRUCTURE.
D	ALL TELECOM PATHWAY SYSTEMS SHALL BE COMPLETELY AND PROPERLY LABELED AS REQUIRED IN REFERENCED STANDARDS.
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G	CORRIDOR CABLE TRAY SHALL BE PROVIDED AS REQUIRED BY THE CONTRACT DRAWINGS. REFER TO DIVISION 27 SPECIFICATIONS FOR ADDITIONAL PRODUCT DETAILS AND REQUIREMENTS.
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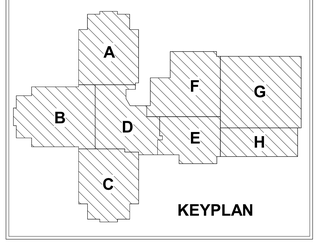
SHEET NOTES

1. IDF A226 LOCATION.
2. IDF B226LOCATION.
3. IDF C226 LOCATION.
4. IDF F204 LOCATION.
5. IDF G206 LOCATION.



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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building and the general requirements of the type of structural, mechanical and electrical systems.
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REVISIONS:

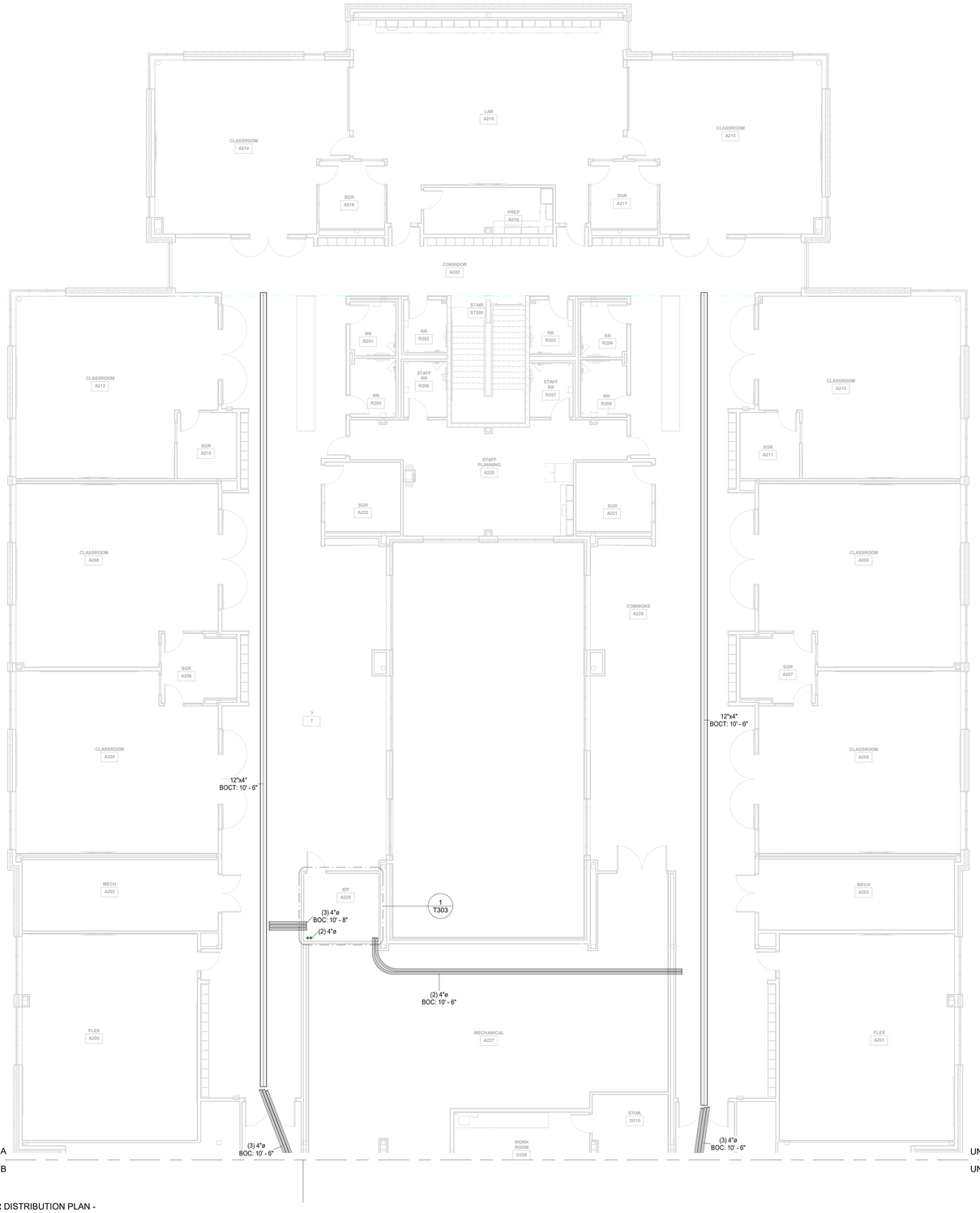
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
SECOND FLOOR OVERALL DISTRIBUTION PLAN

CERTIFIED BY:
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-26
RCDD

DRAWING NUMBER
T102

PROJECT NUMBER
2023061



1 SECOND FLOOR DISTRIBUTION PLAN - UNIT A
1/8" = 1'-0"

GENERAL PATHWAYS NOTES

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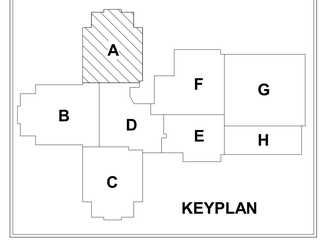

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PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
SECOND FLOOR DISTRIBUTION PLAN- UNIT A

CERTIFIED BY:
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-25
RCDD

DRAWING NUMBER
T102A

PROJECT NUMBER
2023061



1 SECOND FLOOR DISTRIBUTION PLAN - UNIT B
1/8" = 1'-0"

GENERAL PATHWAYS NOTES

A	ALL CABLING SHALL BE TERMINATED IN THE MDF/IDF NOTED IN THE TELECOM SCHEDULES.
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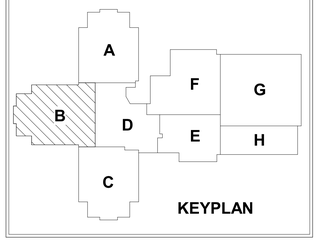

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST

BID DOCUMENTS

17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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The trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

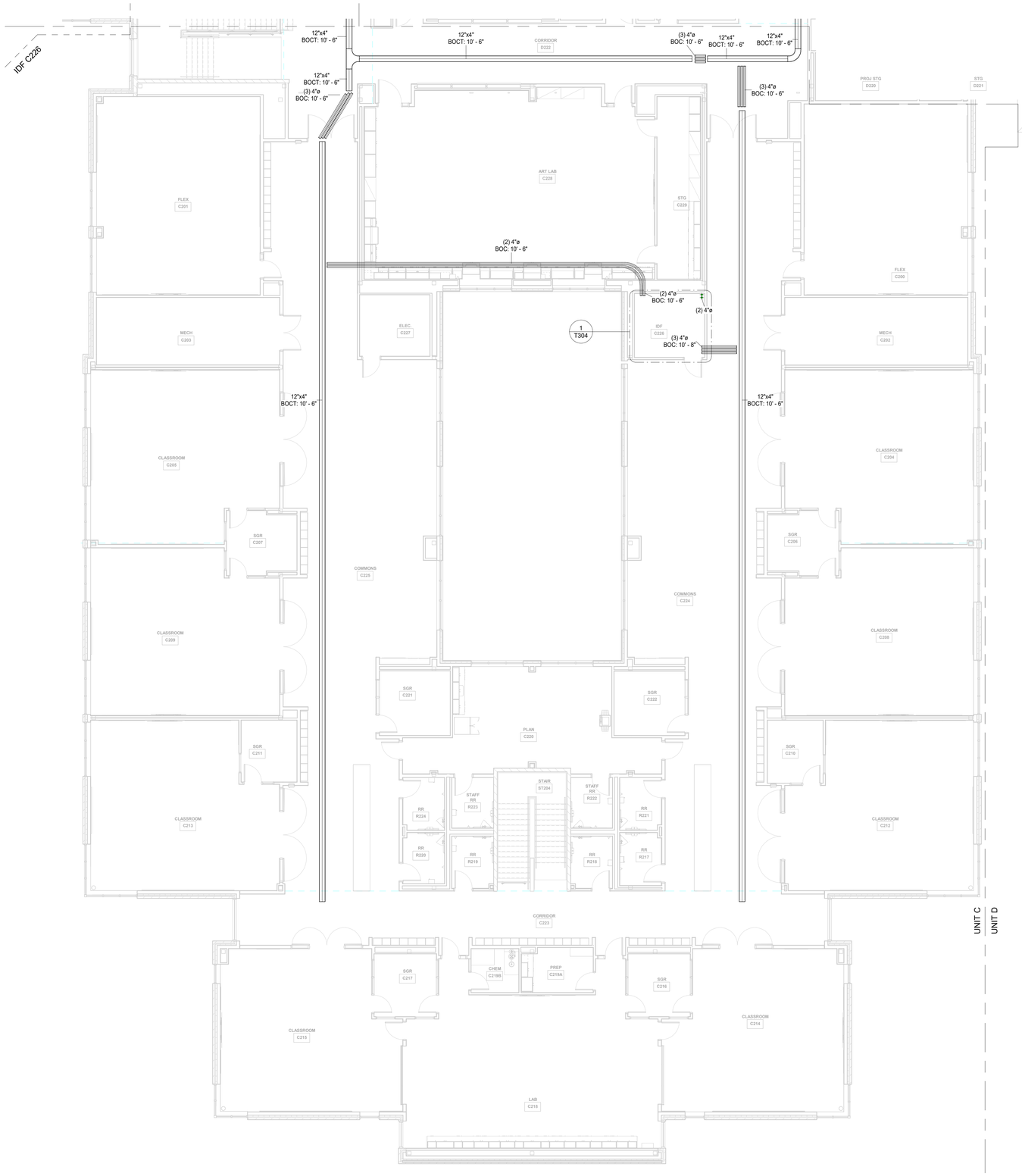
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
SECOND FLOOR DISTRIBUTION PLAN- UNIT B

CERTIFIED BY:
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-20
RCDD

DRAWING NUMBER
T102B

PROJECT NUMBER
2023061



1 SECOND FLOOR DISTRIBUTION PLAN - UNIT C
1/8" = 1'-0"

GENERAL PATHWAYS NOTES

A	ALL CABLING SHALL BE TERMINATED IN THE MDF/IDF NOTED IN THE TELECOM SCHEDULES.
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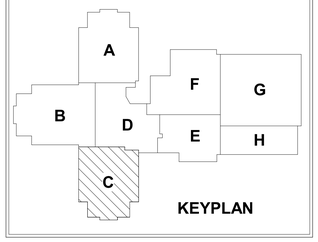

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

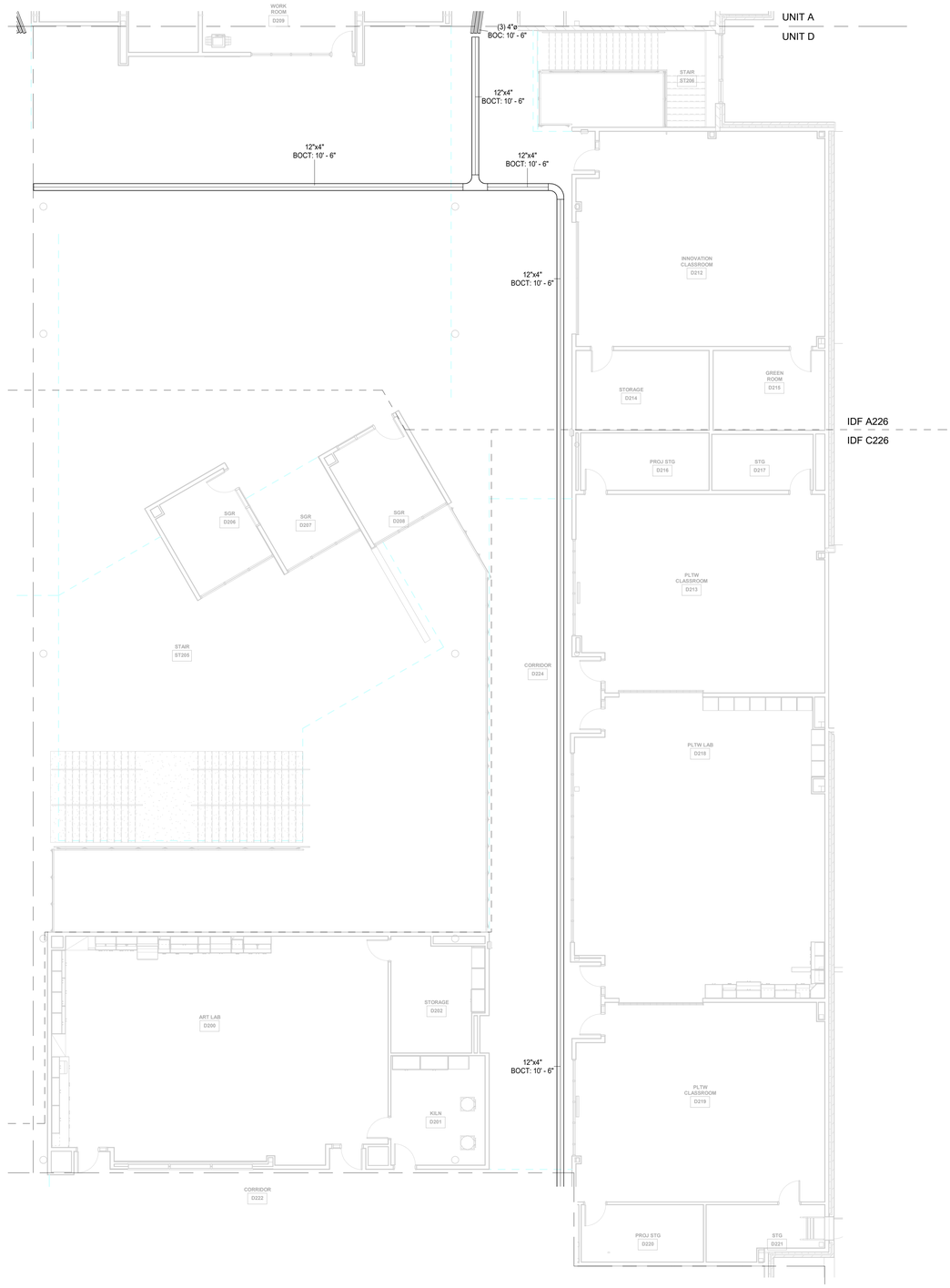
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
SECOND FLOOR DISTRIBUTION PLAN- UNIT C

CERTIFIED BY:
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-20
RCDD

DRAWING NUMBER
T102C

PROJECT NUMBER
2023061



1 SECOND FLOOR DISTRIBUTION PLAN - UNIT D
1/8" = 1'-0"

GENERAL PATHWAYS NOTES

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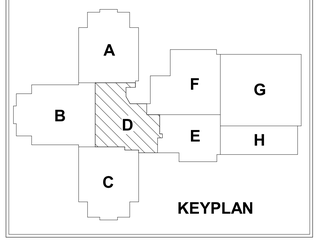

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
SECOND FLOOR DISTRIBUTION PLAN- UNIT D

CERTIFIED BY:
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Douglas J Driscoll
BICSI ID # 1234G8
EXPIRES 12-31-26
RCDD

DRAWING NUMBER
T102D

PROJECT NUMBER
2023061



1 SECOND FLOOR DISTRIBUTION PLAN - UNIT F
1/8" = 1'-0"

GENERAL PATHWAYS NOTES

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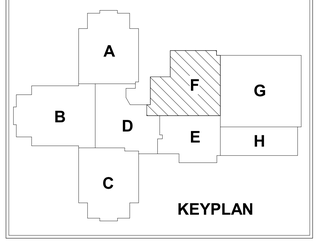

KEYPLAN

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DESIGN 27 TECHNOLOGY ACOUSTICS
1650 E. 49TH ST.
INDIANAPOLIS, IN
46205
317.536.8000
DESIGN27.COM

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project limits, the extent and character of the work to be performed in the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the contractors' scope of work.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

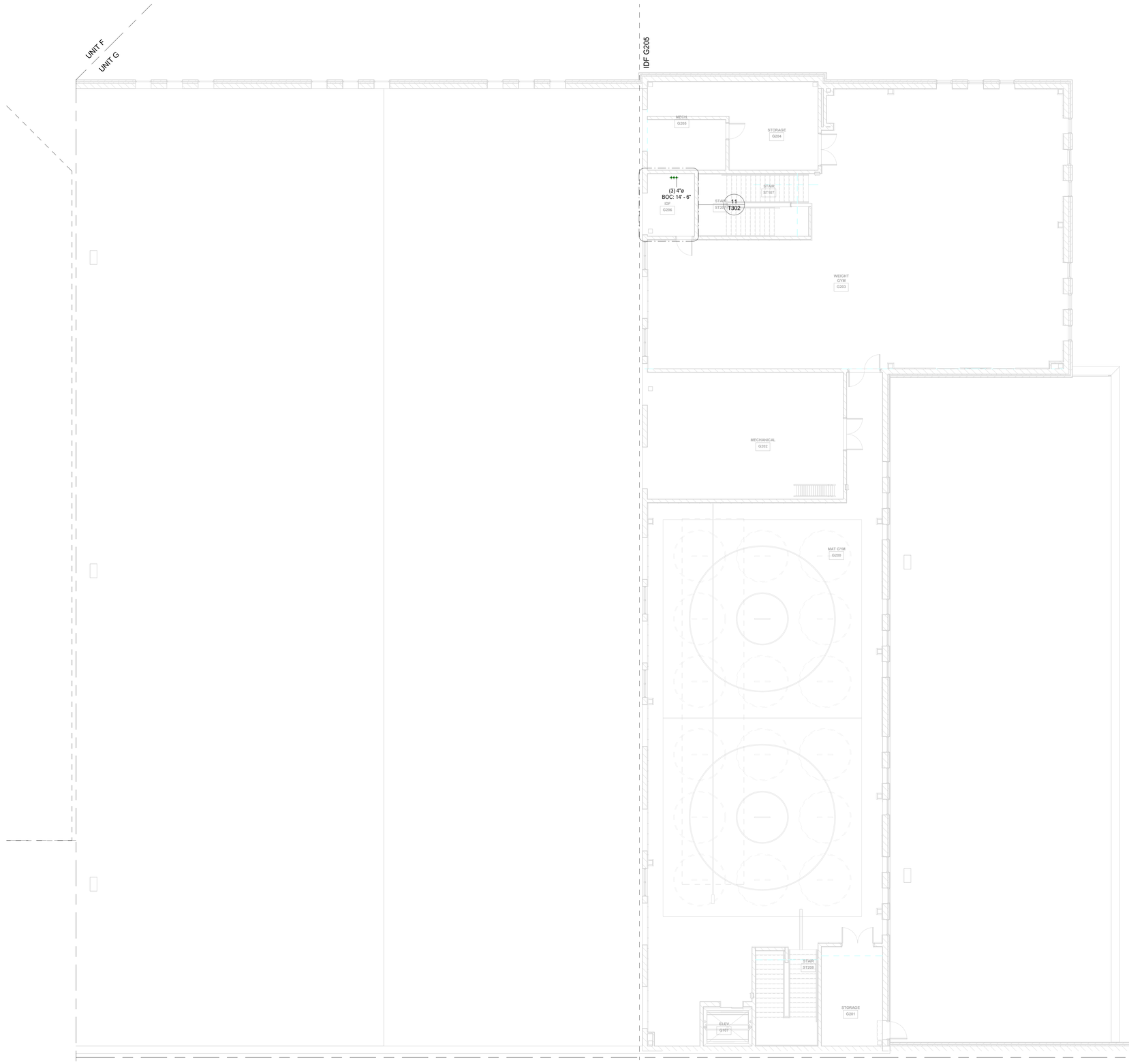
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
SECOND FLOOR DISTRIBUTION PLAN- UNIT F

CERTIFIED BY:
BICSI REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-26
RCDD

DRAWING NUMBER
T102F

PROJECT NUMBER
2023061



1 SECOND FLOOR DISTRIBUTION PLAN - UNIT G
1/8" = 1'-0"

GENERAL PATHWAYS NOTES

A	ALL CABLING SHALL BE TERMINATED IN THE MDF/IDF NOTED IN THE TELECOM SCHEDULES.
B	CONTRACTOR SHALL SUPPLY ALL CONDUIT, BOXES, AND CABLE TRAY AS REQUIRED TO ENSURE ALL TRANSMISSION MEDIA IS FULLY SUPPORTED FROM ALL DEVICE LOCATIONS TO THE POINT OF TERMINATION.
C	ALL TELECOM PATHWAY SYSTEMS SHALL BE INDEPENDENTLY SUPPORTED FROM AND ATTACHED TO THE BUILDING STRUCTURE.
D	ALL TELECOM PATHWAY SYSTEMS SHALL BE COMPLETELY AND PROPERLY LABELED AS REQUIRED IN REFERENCED STANDARDS.
E	CONDUIT SYSTEMS SHALL BE PROVIDED FOR ALL PATHWAYS IN INACCESIBLE CEILING SPACES AND WHERE EXPOSED TO PUBLIC VIEW. ALL CONDUIT SYSTEMS THROUGHOUT THE BUILDING SHALL INCLUDE PROPERLY SIZED SLEEVED PENETRATIONS WITH BUSHINGS THROUGH ALL BARRIERS.
F	ALL TELECOM OUTLET BOXES SHALL BE A MINIMUM 4-11/16" SQUARE BOX NO LESS THAN 2-1/8" DEEP WITH A MINIMUM 1-1/4" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING UNLESS NOTED OTHERWISE WITHIN THE T-SERIES DRAWINGS.
G	CORRIDOR CABLE TRAY SHALL BE PROVIDED AS REQUIRED BY THE CONTRACT DRAWINGS. REFER TO DIVISION 27 SPECIFICATIONS FOR ADDITIONAL PRODUCT DETAILS AND REQUIREMENTS.
H	CONTRACTOR SHALL NOT EXCEED 40% FILL RATIO WITHIN ANY CONDUIT MEANT FOR TELECOMMUNICATIONS CABLING.
I	CONTRACTOR SHALL CALCULATE FILL RATIOS BASED ON ACTUAL CATEGORY 6A CABLING USED. TYPICAL FILL RATIOS FOR CATEGORY 6A CABLE ARE SHOWN HERE FOR REFERENCE PURPOSES ONLY: 1" EMT = 5 CABLES; 1-1/4" EMT = 9 CABLES; 2" EMT = 21 CABLES; 3" EMT = 57 CABLES; 4" EMT = 93 CABLES
J	CONDUIT RUNS SHALL NOT EXCEED 100 FEET WITHOUT A PULLING POINT AND SHALL NOT INCLUDE MORE THAN TWO 90° BENDS BETWEEN PULLING POINTS. IF THE PATH OF THE CONDUIT RUN REQUIRES BENDS EXCEEDING A TOTAL OF 180°, INSTALLATION OF AN APPROPRIATELY SIZED JUNCTION BOX IS REQUIRED.
K	CONTRACTOR SHALL PROVIDE PROPERLY RATED FIRE STOP SYSTEMS FOR ALL CONDUIT AND/OR CABLE TRAY ENTERING THE TELECOMMUNICATIONS ROOMS. EACH CONTRACTOR IS RESPONSIBLE FOR SEALING PENETRATIONS AFTER EACH SCOPE OF WORK IS COMPLETED.
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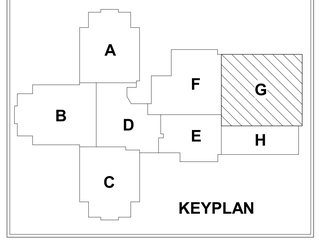

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08/09/2024	MKD	MRF

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CERTIFIED BY:
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
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DRAWING NUMBER
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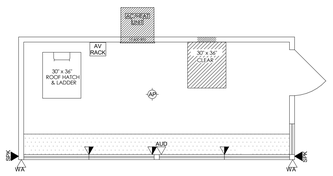
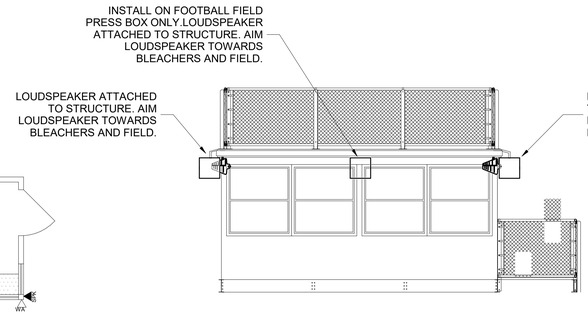


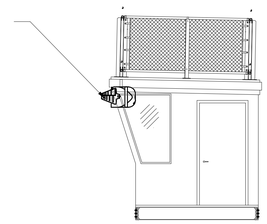
1 BASEBALL, SOFTBALL, FOOTBALL PRESS BOX TECHNOLOGY PLAN
1/4" = 1'-0"

*NOTE: BASEBALL PRESS BOX AND SOFTBALL PRESS BOX ARE PHYSICALLY SEPARATE BUILDINGS BUT WILL HAVE THE SAME AUDIO VISUAL DESIGN. CONTRACTOR SHALL PROVIDE PROPER EQUIPMENT FOR BOTH PRESS BOXES.



2 BASEBALL , SOFTBALL, FOOTBALL PRESS BOX FRONT ELEVATION
1/4" = 1'-0"

*NOTE: BASEBALL PRESS BOX AND SOFTBALL PRESS BOX ARE PHYSICALLY SEPARATE BUILDINGS BUT WILL HAVE THE SAME AUDIO VISUAL DESIGN. CONTRACTOR SHALL PROVIDE PROPER EQUIPMENT FOR BOTH PRESS BOXES.



3 BASEBALL, SOFTBALL, FOOTBALL PRESS BOX SIDE ELEVATION
1/4" = 1'-0"

*NOTE: BASEBALL PRESS BOX AND SOFTBALL PRESS BOX ARE PHYSICALLY SEPARATE BUILDINGS BUT WILL HAVE THE SAME AUDIO VISUAL DESIGN. CONTRACTOR SHALL PROVIDE PROPER EQUIPMENT FOR BOTH PRESS BOXES.

BASEBALL PRESS BOX TELECOM SCHEDULE

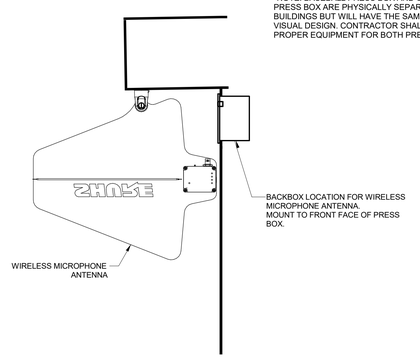
ROOM NUMBER	TELECOM ROOM	LABEL	DATA PORTS	COMMENTS
PRESS BOX	BASEBALL	BB-A-01/02	2	DATA LOCATION
PRESS BOX	BASEBALL	BB-A-03/04	2	DATA LOCATION
PRESS BOX	BASEBALL	BB-A-05/06	2	DATA LOCATION
PRESS BOX	BASEBALL	BB-A-07/08	2	WIRELESS ACCESS POINT - CEILING MOUNTED
Grand total			8	

SOFTBALL PRESS BOX TELECOM SCHEDULE

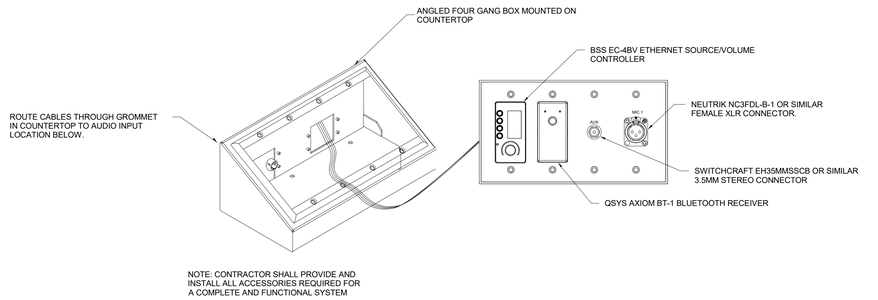
ROOM NUMBER	TELECOM ROOM	LABEL	DATA PORTS	COMMENTS
PRESS BOX	SOFTBALL	SB-A-01/02	2	DATA LOCATION
PRESS BOX	SOFTBALL	SB-A-03/04	2	DATA LOCATION
PRESS BOX	SOFTBALL	SB-A-05/06	2	DATA LOCATION
PRESS BOX	SOFTBALL	SB-A-07/08	2	WIRELESS ACCESS POINT - CEILING MOUNTED
Grand total			8	

FOOTBALL PRESS BOX TELECOM SCHEDULE

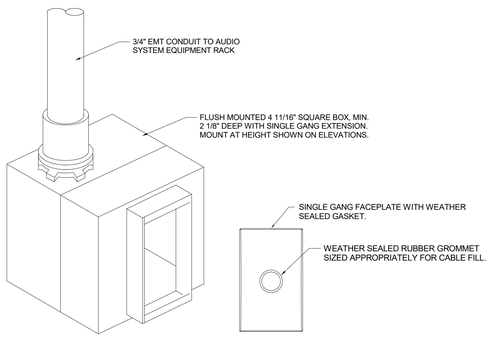
ROOM NUMBER	TELECOM ROOM	LABEL	DATA PORTS	COMMENTS
PRESS BOX	FOOTBALL	FB-A-01/02	2	DATA LOCATION
PRESS BOX	FOOTBALL	FB-A-03/04	2	DATA LOCATION
PRESS BOX	FOOTBALL	FB-A-05/06	2	DATA LOCATION
PRESS BOX	FOOTBALL	FB-A-07/08	2	WIRELESS ACCESS POINT - CEILING MOUNTED
Grand total			8	



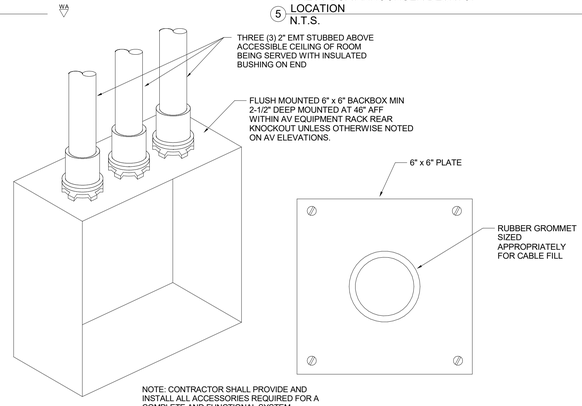
4 PRESS BOX WIRELESS ANTENNA MOUNTING DETAIL
N.T.S.



5 PRESS BOX ANNOUNCER DESKTOP LOCATION
N.T.S.



6 PRESS BOX LOUDSPEAKER LOCATION
N.T.S.



7 PRESS BOX AV EQUIPMENT RACK LOCATION
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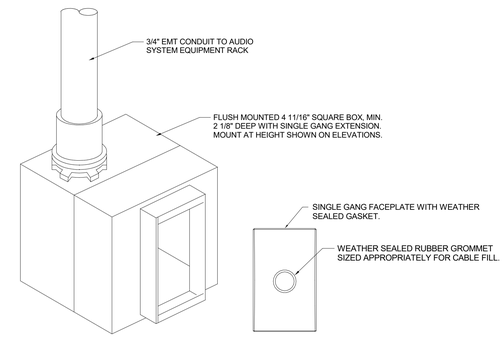

8 PRESS BOX WIRELESS MICROPHONE ANTENNA LOCATION
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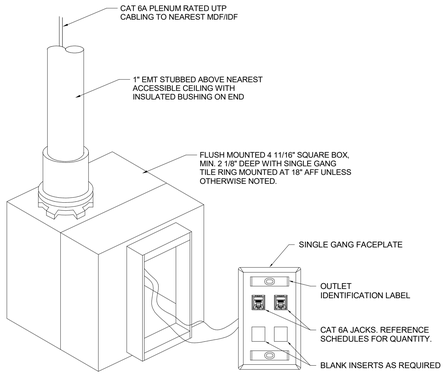
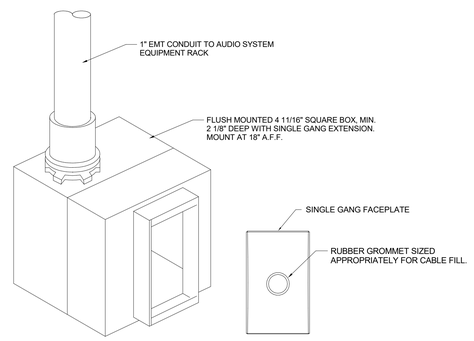
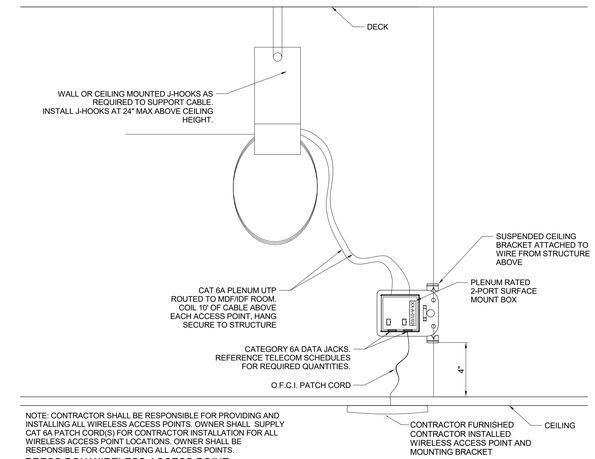


9 PRESS BOX DATA LOCATION
N.T.S.



10 PRESS BOX AUDIO INPUT LOCATION
N.T.S.



11 PRESS BOX WIRELESS ACCESS POINT - CEILING MOUNTED
N.T.S.

GENERAL HORIZONTAL CABLING NOTES

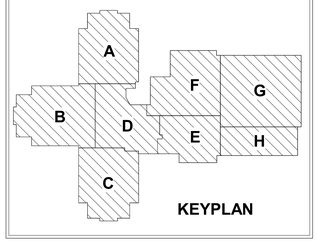
A	MINIMUM CATEGORY 6A COMPLIANT 4-PAIR UNSHIELDED TWISTED PAIR (UTP). ALL HORIZONTAL CABLING MUST BE PLENUM RATED.
B	CONTRACTOR SHALL PROVIDE A DOCUMENTED MANUFACTURER CERTIFIED SOLUTION INCLUDING THE MINIMUM PERFORMANCE AND APPLICATIONS WARRANTY.
C	PAINTING OF THE STRUCTURED CABLING WILL VOID THE WARRANTY. ENSURE PROPER COORDINATION WITH PAINTING CONTRACTOR SO THAT ALL STRUCTURED CABLING IS PROTECTED PRIOR TO ANY PAINTING.
D	PROVIDE A MINIMUM 10 FOOT MAINTENANCE LOOP ON EACH HORIZONTAL CABLING RUN. MAINTENANCE LOOPS SHALL BE STORED ABOVE ACCESIBLE CEILINGS, IN CABLE TRAY, AND IN TELECOMMUNICATION ROOM CABLE TRAY. CABLING ABOVE CEILING SHALL BE SUSPENDED FROM APPROPRIATE SUPPORTS AND SHALL NOT TOUCH THE CEILING.
E	ALL PIN/PAIR ASSIGNMENTS SHALL BE T568B.
F	REFER TO SPECIFICATION SECTION 27 15 13 FOR CABLE JACKET COLOR REQUIREMENTS
G	LABELING SHALL BE COMPLETED AS DEFINED IN THE CONTRACT DOCUMENTS AND SHALL BE COORDINATED WITH THE OWNER.
H	PROVIDE ALL TELECOMMUNICATION OUTLETS AS SHOWN ON THE DRAWINGS AND AS REQUIRED TO PROVIDE CONNECTIONS FOR EACH DEVICE SHOWN ON THE DRAWINGS.
I	ALL TESTING OF HORIZONTAL CABLING SHALL BE COMPLETED AS DIRECTED BY THE PROJECT SPECIFICATIONS. ALL CABLING MUST BE TESTED AND CERTIFIED TO THE APPLICABLE STANDARDS.

TECHNOLOGY LEGEND

BC	BLEACHER CONNECTION LOCATION
BR	BLUETOOTH RECEIVER LOCATION
	DATA LOCATION
P	PROJECTOR LOCATION
DS	DIGITAL SIGNAGE LOCATION
MON	MONITOR LOCATION
WP	WIRELESS ACCESS POINT - WALL MOUNTED
WP	WIRELESS ACCESS POINT - CEILING MOUNTED
MX	AUDIO MIXING LOCATION
AV	AV INPUT LOCATION - TYPE 1
	AV INPUT LOCATION TYPE 2
AV	AV INPUT LOCATION TYPE 3
AV RACK	AV EQUIPMENT RACK LOCATION
CAM	VIDEO CAMERA LOCATION
CAS	CLASSROOM AUDIO SYSTEM LOCATION
HA	HEARING ASSISTANCE ANTENNA LOCATION
LJ	LOUDSPEAKER JUNCTION BOX LOCATION
MIC	MICROPHONE INPUT LOCATION
P	PAGING SPEAKER - WALL MOUNTED
	PROGRAM SPEAKER - WALL MOUNTED
S	PAGING SPEAKER - CEILING MOUNTED
S	PROGRAM SPEAKER - CEILING MOUNTED
S	PROGRAM SPEAKER - PENDANT MOUNTED
TEP	TECHNICAL FACILITIES PANEL LOCATION
TP	TOUCH PANEL LOCATION
TP	TABLE TOP TOUCH PANEL LOCATION
VC	VOLUME CONTROL LOCATION
WA	WIRELESS MICROPHONE ANTENNA LOCATION
CR	CARD READER LOCATION
CR	CARD READER - MULLION MOUNTED
D	DOOR POSITION SENSOR LOCATION
DB	DURESS BUTTON LOCATION
MC	MOBILE CART LOCATION
MH	MAGNETIC HOLD DOOR HARDWARE
EH	ELECTRIFIED LOCKING HARDWARE
SC	SECURITY CAMERA - CEILING MOUNTED
SC	SECURITY CAMERA - WALL MOUNTED
AS	VIDEO INTERCOM ANSWERING STATION
VI	VIDEO INTERCOM DOOR STATION

TECHNOLOGY LEGEND

AV RACK	AV EQUIPMENT RACK LOCATION
AUD	AUDIO INPUT LOCATION
	DATA LOCATION
	LOUDSPEAKER LOCATION
WA	WIRELESS MICROPHONE ANTENNA LOCATION
WP	WIRELESS ACCESS POINT LOCATION



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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
PRESS BOX TEHCNOLOGY PLANS

CERTIFIED BY:
BICSI REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-26
RCDD

DRAWING NUMBER
T200

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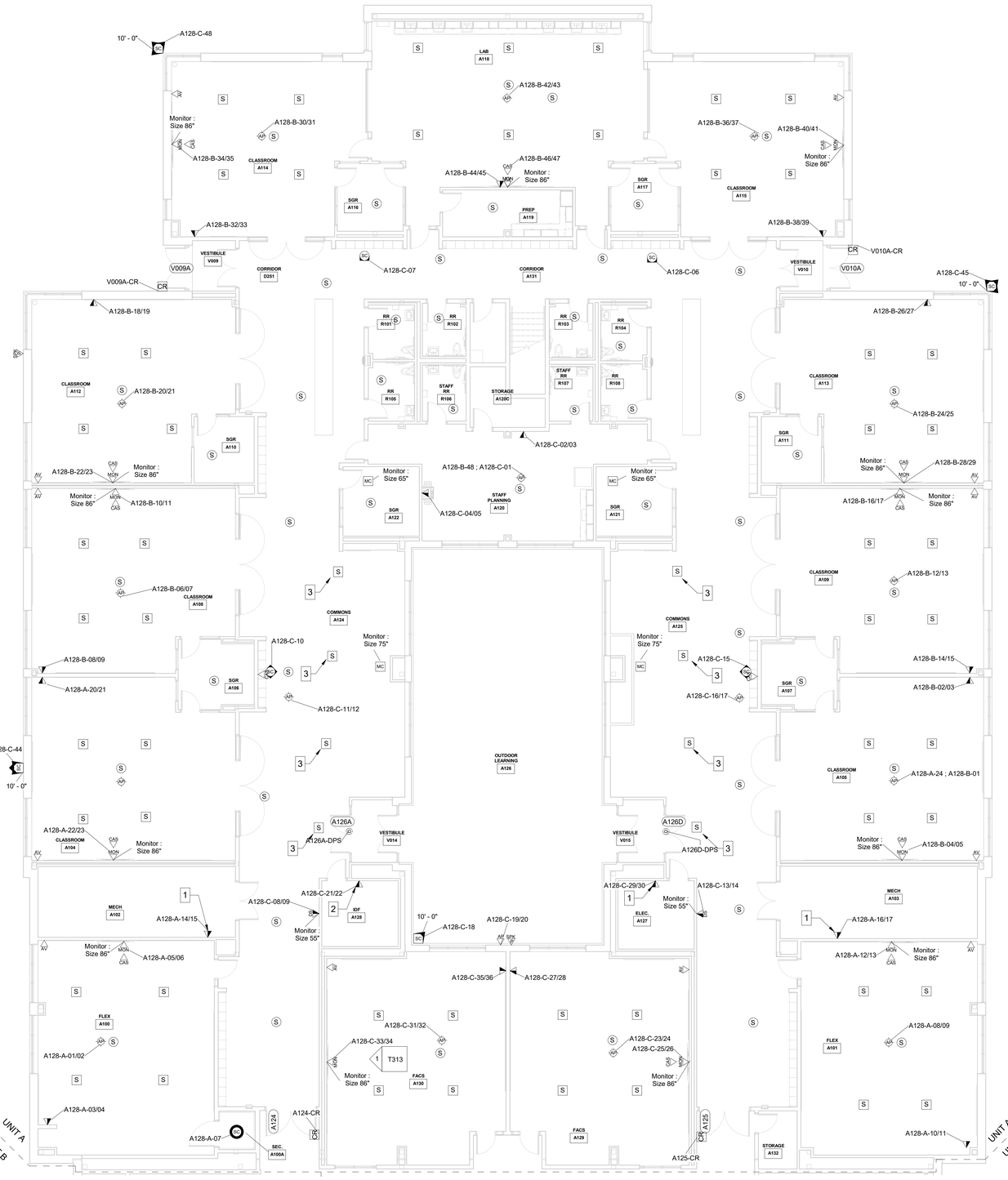

1 GROUND FLOOR TECHNOLOGY PLAN - UNIT A
1/8" = 1'-0"

GENERAL HORIZONTAL CABLING NOTES

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- BR — BLUETOOTH RECEIVER LOCATION
- DATA LOCATION
- P — PROJECTOR LOCATION
- DS — DIGITAL SIGNAGE LOCATION
- MON — MONITOR LOCATION
- AP — WIRELESS ACCESS POINT - WALL MOUNTED
- AP — WIRELESS ACCESS POINT - CEILING MOUNTED
- MIX — AUDIO MIXING LOCATION
- AV — AV INPUT LOCATION - TYPE 1
- AV — AV INPUT LOCATION TYPE 2
- AV — AV INPUT LOCATION TYPE 3
- AV RACK — AV EQUIPMENT RACK LOCATION
- CAM — VIDEO CAMERA LOCATION
- CAS — CLASSROOM AUDIO SYSTEM LOCATION
- HA — HEARING ASSISTANCE ANTENNA LOCATION
- LJ — LOUDSPEAKER JUNCTION BOX LOCATION
- MC — MICROPHONE INPUT LOCATION
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- PROGRAM SPEAKER - WALL MOUNTED
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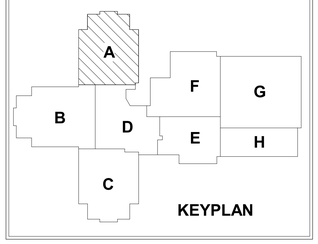
- CR — CARD READER LOCATION
- CR — CARD READER - MULLION MOUNTED
- D — DOOR POSITION SENSOR LOCATION
- DB — DURESS BUTTON LOCATION
- MC — MOBILE CART LOCATION
- MH — MAGNETIC HOLD DOOR HARDWARE
- EH — ELECTRIFIED LOCKING HARDWARE
- SC — SECURITY CAMERA - CEILING MOUNTED
- SC — SECURITY CAMERA - WALL MOUNTED
- AS — VIDEO INTERCOM ANSWERING STATION
- VI — VIDEO INTERCOM DOOR STATION

SHEET NOTES

1. DATA LOCATION TO SERVE BUILDING AUTOMATION SYSTEM CONNECTIVITY. CONFIRM FINAL LOCATION WITH CONSTRUCTION MANAGER PRIOR TO INSTALLATION.
2. DATA LOCATION SHALL BE INSTALLED ADJACENT TO ELECTRONIC ACCESS CONTROL ENCLOSURE.
3. DOWNWARDS FIRING SURFACE MOUNT CLASSROOM LOUDSPEAKER ATTACHED TO SIDE OF BULKHEAD ABOVE OPEN GRID CEILING. PROVIDE 1" CONDUIT TERMINATED FLUSH IN BLUKHEAD ROUTED ABOVE ADJACENT ACCESSIBLE CEILING.



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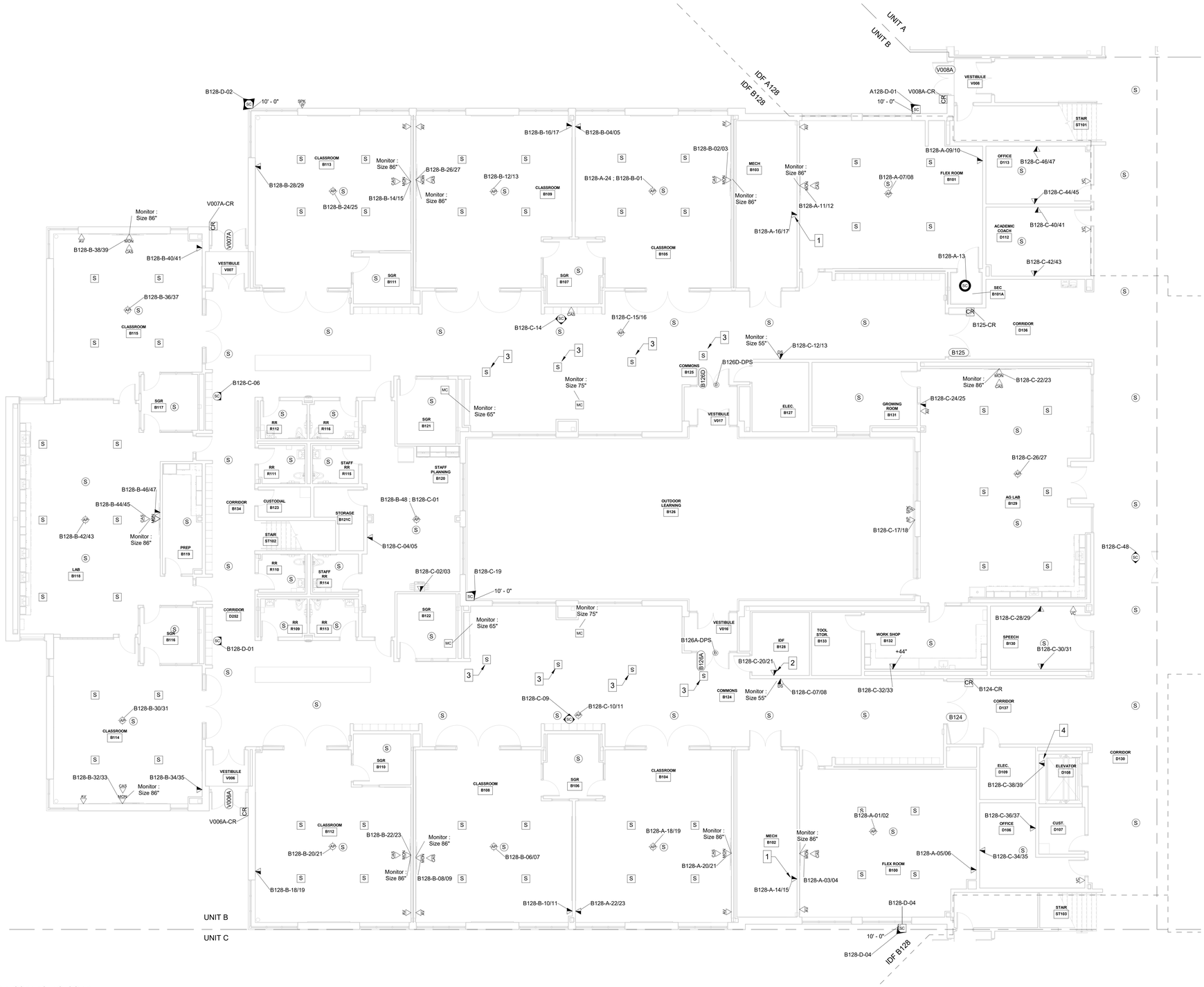
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
GROUND FLOOR TECHNOLOGY PLAN - UNIT A

CERTIFIED BY:
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-20
RCDD

DRAWING NUMBER
T201A

PROJECT NUMBER
2023061



1 GROUND FLOOR TECHNOLOGY PLAN - UNIT B
1/8" = 1'-0"

GENERAL HORIZONTAL CABLING NOTES

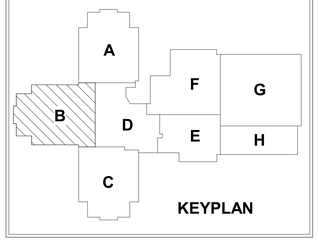
A	MINIMUM CATEGORY 6A COMPLIANT 4-PAIR UNSHIELDED TWISTED PAIR (UTP). ALL HORIZONTAL CABLING MUST BE PLENUM RATED.
B	CONTRACTOR SHALL PROVIDE A DOCUMENTED MANUFACTURER CERTIFIED SOLUTION INCLUDING THE MINIMUM PERFORMANCE AND APPLICATIONS WARRANTY.
C	PAINTING OF THE STRUCTURED CABLING WILL VOID THE WARRANTY. ENSURE PROPER COORDINATION WITH PAINTING CONTRACTOR SO THAT ALL STRUCTURED CABLING IS PROTECTED PRIOR TO ANY PAINTING.
D	PROVIDE A MINIMUM 10 FOOT MAINTENANCE LOOP ON EACH HORIZONTAL CABLING RUN. MAINTENANCE LOOPS SHALL BE STORED ABOVE ACCESIBLE CEILINGS, IN CABLE TRAY, AND IN TELECOMMUNICATION ROOM CABLE TRAY. CABLING ABOVE CEILING SHALL BE SUSPENDED FROM APPROPRIATE SUPPORTS AND SHALL NOT TOUCH THE CEILING.
E	ALL PIN/PAIR ASSIGNMENTS SHALL BE T568B.
F	REFER TO SPECIFICATION SECTION 27 15 13 FOR CABLE JACKET COLOR REQUIREMENTS
G	LABELING SHALL BE COMPLETED AS DEFINED IN THE CONTRACT DOCUMENTS AND SHALL BE COORDINATED WITH THE OWNER.
H	PROVIDE ALL TELECOMMUNICATION OUTLETS AS SHOWN ON THE DRAWINGS AND AS REQUIRED TO PROVIDE CONNECTIONS FOR EACH DEVICE SHOWN ON THE DRAWINGS.
I	ALL TESTING OF HORIZONTAL CABLING SHALL BE COMPLETED AS DIRECTED BY THE PROJECT SPECIFICATIONS. ALL CABLING MUST BE TESTED AND CERTIFIED TO THE APPLICABLE STANDARDS.

TECHNOLOGY LEGEND

- BC — BLEACHER CONNECTION LOCATION
- BR — BLUETOOTH RECEIVER LOCATION
- DATA LOCATION
- P — PROJECTOR LOCATION
- DS — DIGITAL SIGNAGE LOCATION
- MON — MONITOR LOCATION
- AP — WIRELESS ACCESS POINT - WALL MOUNTED
- AP — WIRELESS ACCESS POINT - CEILING MOUNTED
- MX — AUDIO MIXING LOCATION
- AV — AV INPUT LOCATION - TYPE 1
- AV — AV INPUT LOCATION TYPE 2
- AV — AV INPUT LOCATION TYPE 3
- AV RACK — AV EQUIPMENT RACK LOCATION
- CAM — VIDEO CAMERA LOCATION
- CAS — CLASSROOM AUDIO SYSTEM LOCATION
- HA — HEARING ASSISTANCE ANTENNA LOCATION
- LJ — LOUDSPEAKER JUNCTION BOX LOCATION
- MIC — MICROPHONE INPUT LOCATION
- PAGING SPEAKER - WALL MOUNTED
- PROGRAM SPEAKER - WALL MOUNTED
- S — PAGING SPEAKER - CEILING MOUNTED
- S — PROGRAM SPEAKER - CEILING MOUNTED
- S — PROGRAM SPEAKER - PENDANT MOUNTED
- TFP — TECHNICAL FACILITIES PANEL LOCATION
- TP — TOUCH PANEL LOCATION
- TTP — TABLE TOP TOUCH PANEL LOCATION
- VC — VOLUME CONTROL LOCATION
- WA — WIRELESS MICROPHONE ANTENNA LOCATION
- CR — CARD READER LOCATION
- CRS — CARD READER - MULLION MOUNTED
- D — DOOR POSITION SENSOR LOCATION
- DB — DURESS BUTTON LOCATION
- MC — MOBILE CART LOCATION
- MH — MAGNETIC HOLD DOOR HARDWARE
- EH — ELECTRIFIED LOCKING HARDWARE
- SC — SECURITY CAMERA - CEILING MOUNTED
- SC — SECURITY CAMERA - WALL MOUNTED
- AS — VIDEO INTERCOM ANSWERING STATION
- VI — VIDEO INTERCOM DOOR STATION

SHEET NOTES

1. DATA LOCATION TO SERVE BUILDING AUTOMATION SYSTEM CONNECTIVITY. CONFIRM FINAL LOCATION WITH GENERAL CONTRACTOR PRIOR TO INSTALLATION.
2. DATA LOCATION SHALL BE INSTALLED ADJACENT TO ELECTRONIC ACCESS CONTROL ENCLOSURE.
3. DOWNWARDS FIRING SURFACE MOUNT CLASSROOM LOUDSPEAKER ATTACHED TO SIDE OF BULKHEAD ABOVE OPEN GRID CEILING. PROVIDE 1" CONDUIT TERMINATED FLUSH IN BLUKHEAD ROUTED ABOVE ADJACENT ACCESSIBLE CEILING.
4. DATA LOCATION TO SERVE ELEVATOR CONTROLS. COORDINATE INSTALLATION WITH ELEVATOR INSTALLER.



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46205
317.536.8000
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the general requirements of the type of structural, mechanical and electrical systems.
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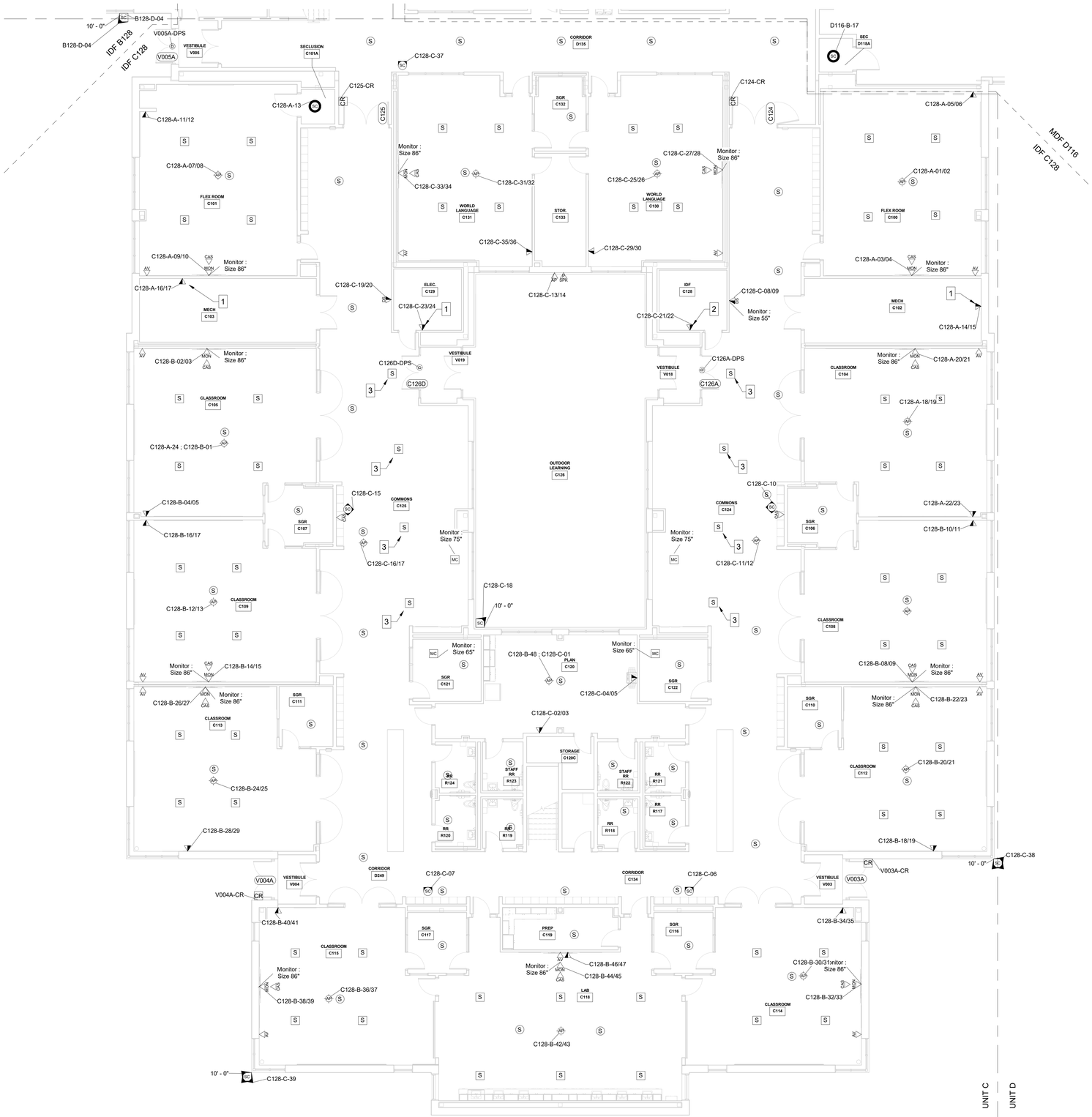

1 GROUND FLOOR TECHNOLOGY PLAN - UNIT C
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GENERAL HORIZONTAL CABLING NOTES

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- HA — HEARING ASSISTANCE ANTENNA LOCATION
- LJ — LOUDSPEAKER JUNCTION BOX LOCATION
- MP — MICROPHONE INPUT LOCATION
- PAGING SPEAKER - WALL MOUNTED
- PROGRAM SPEAKER - WALL MOUNTED
- S — PAGING SPEAKER - CEILING MOUNTED
- S — PROGRAM SPEAKER - CEILING MOUNTED
- S — PROGRAM SPEAKER - PENDANT MOUNTED
- TPP — TECHNICAL FACILITIES PANEL LOCATION
- TP — TOUCH PANEL LOCATION
- TT — TABLE TOP TOUCH PANEL LOCATION
- VC — VOLUME CONTROL LOCATION
- WM — WIRELESS MICROPHONE ANTENNA LOCATION
- CR — CARD READER LOCATION
- CR — CARD READER - MULLION MOUNTED
- DP — DOOR POSITION SENSOR LOCATION
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SHEET NOTES

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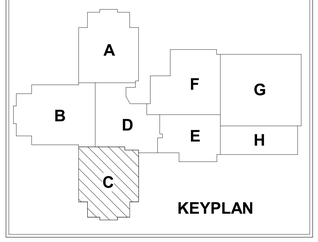

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WESTFIELD MIDDLE SCHOOL WEST
17707 CENTENNIAL RD, WESTFIELD, IN 46074

BID DOCUMENTS

SCOPE DRAWINGS:
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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
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DRAWING TITLE:
GROUND FLOOR TECHNOLOGY PLAN - UNIT C

CERTIFIED BY:
BICSI REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-26
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DRAWING NUMBER
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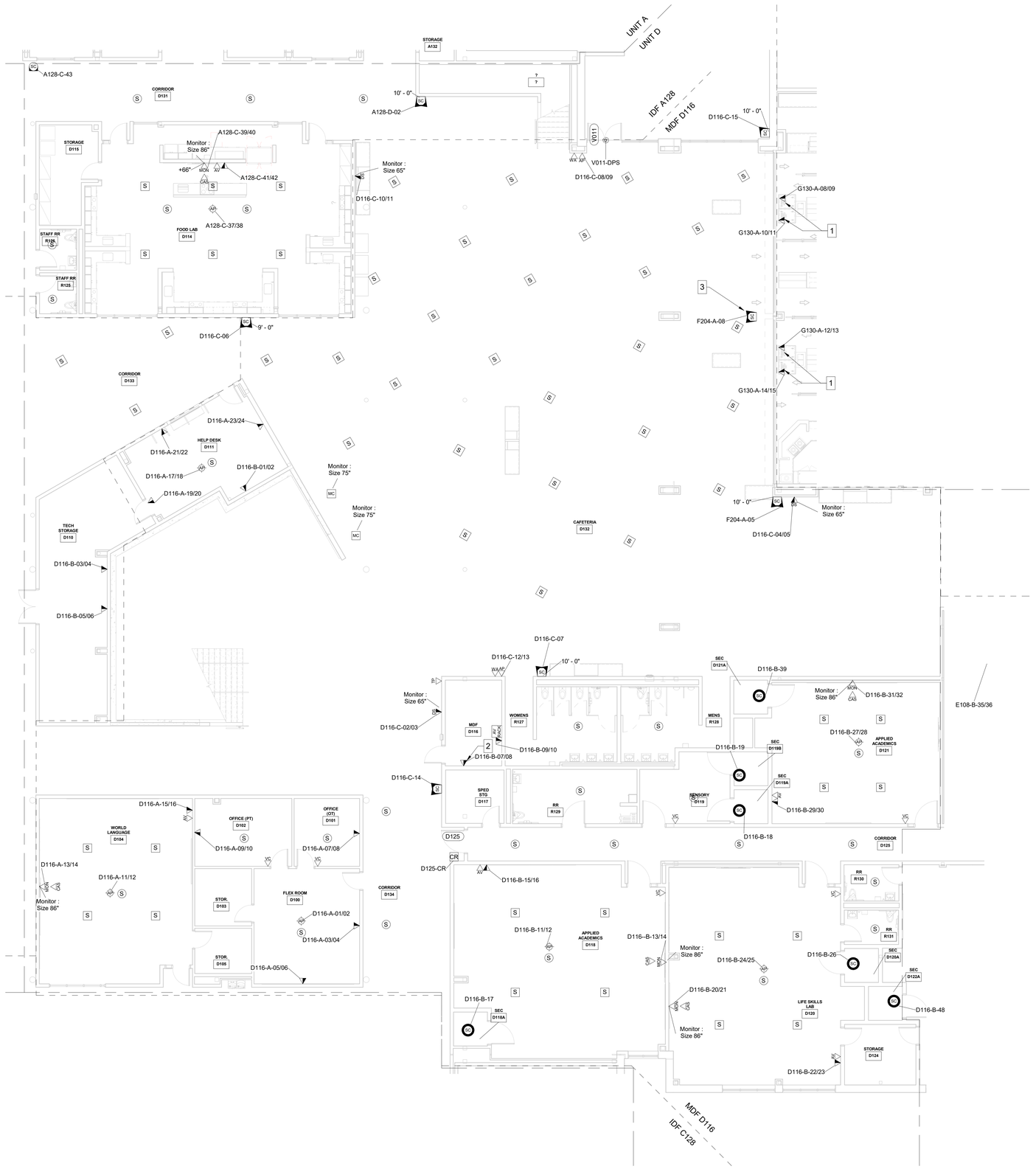

1 GROUND FLOOR TECHNOLOGY PLAN - UNIT D
1/8" = 1'-0"

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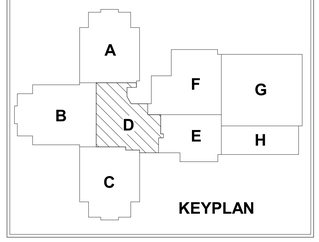
- VI — VIDEO INTERCOM DOOR STATION

SHEET NOTES

1. DATA LOCATION SHALL BE ROUTED WITHIN SLAB AND TERMINATE IN FLOOR RECEPTACLE TO SERVE POS LOCATION.
2. DATA LOCATION SHALL BE INSTALLED ADJACENT TO ELECTRONIC ACCESS CONTROL ENCLOSURE.
3. SECURITY CAMERA ATTACHED TO FRONT FACE OF BULKHEAD AT 10' A.F.F.



KEYPLAN

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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
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SCOPE DRAWINGS:
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EXPIRES 12-31-25
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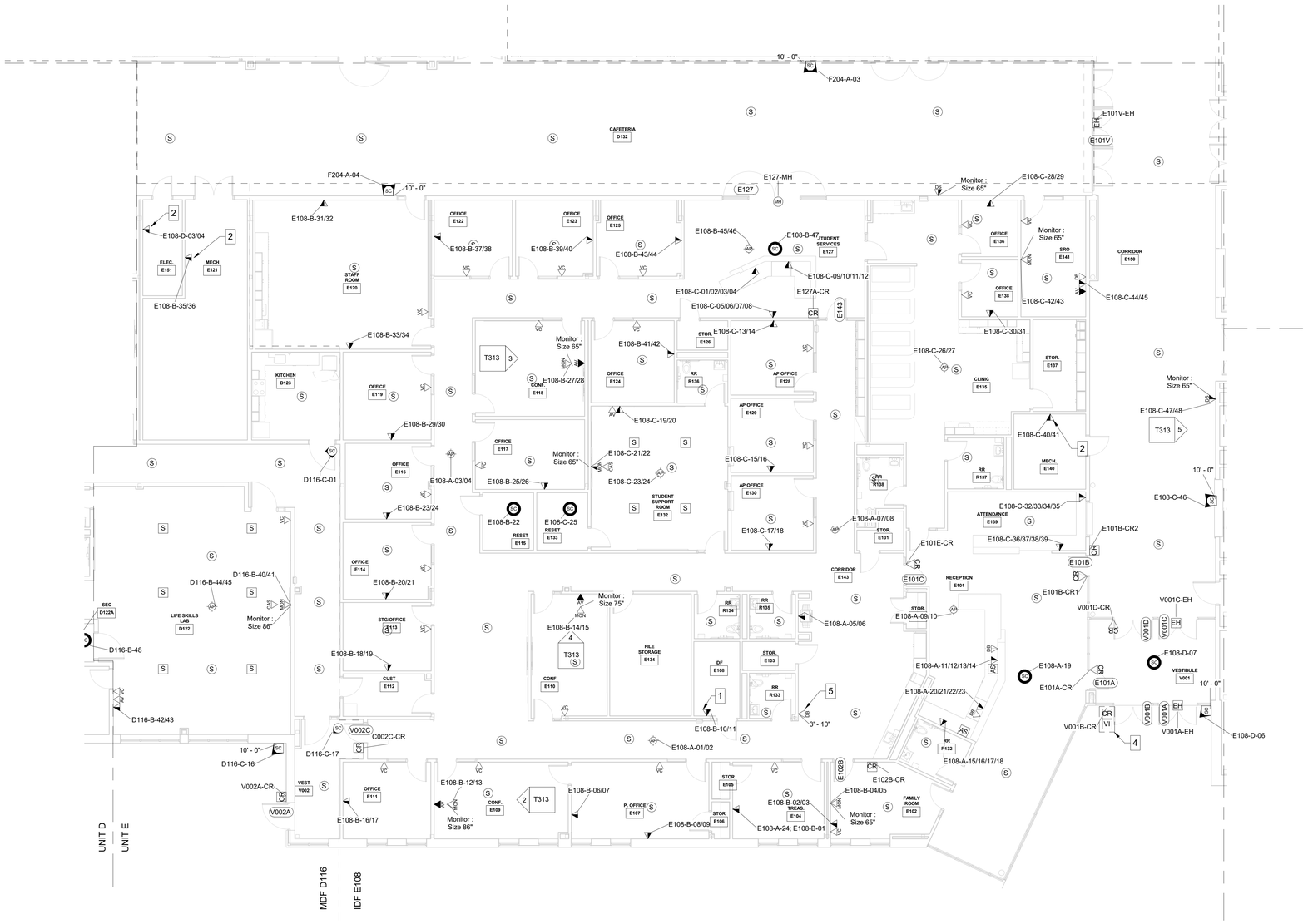

1 GROUND FLOOR TECHNOLOGY PLAN - UNIT E
1/8" = 1'-0"

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A	MINIMUM CATEGORY 6A COMPLIANT 4-PAIR UNSHIELDED TWISTED PAIR (UTP). ALL HORIZONTAL CABLING MUST BE PLENUM RATED.
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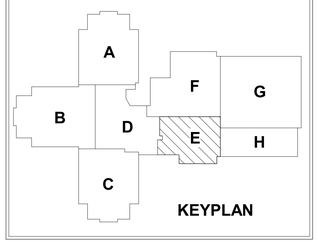
4. DEVICES TO BE MOUNTED TO BOLLARD. REFER TO A-SERIES DRAWINGS FOR BOLLAR LOCATION.
5. DURESS BUTTON AND INFRASTRUCTURE SHALL BE MOUNTED FLUSH TO WALL AT 46" A.F.F.



KEYPLAN

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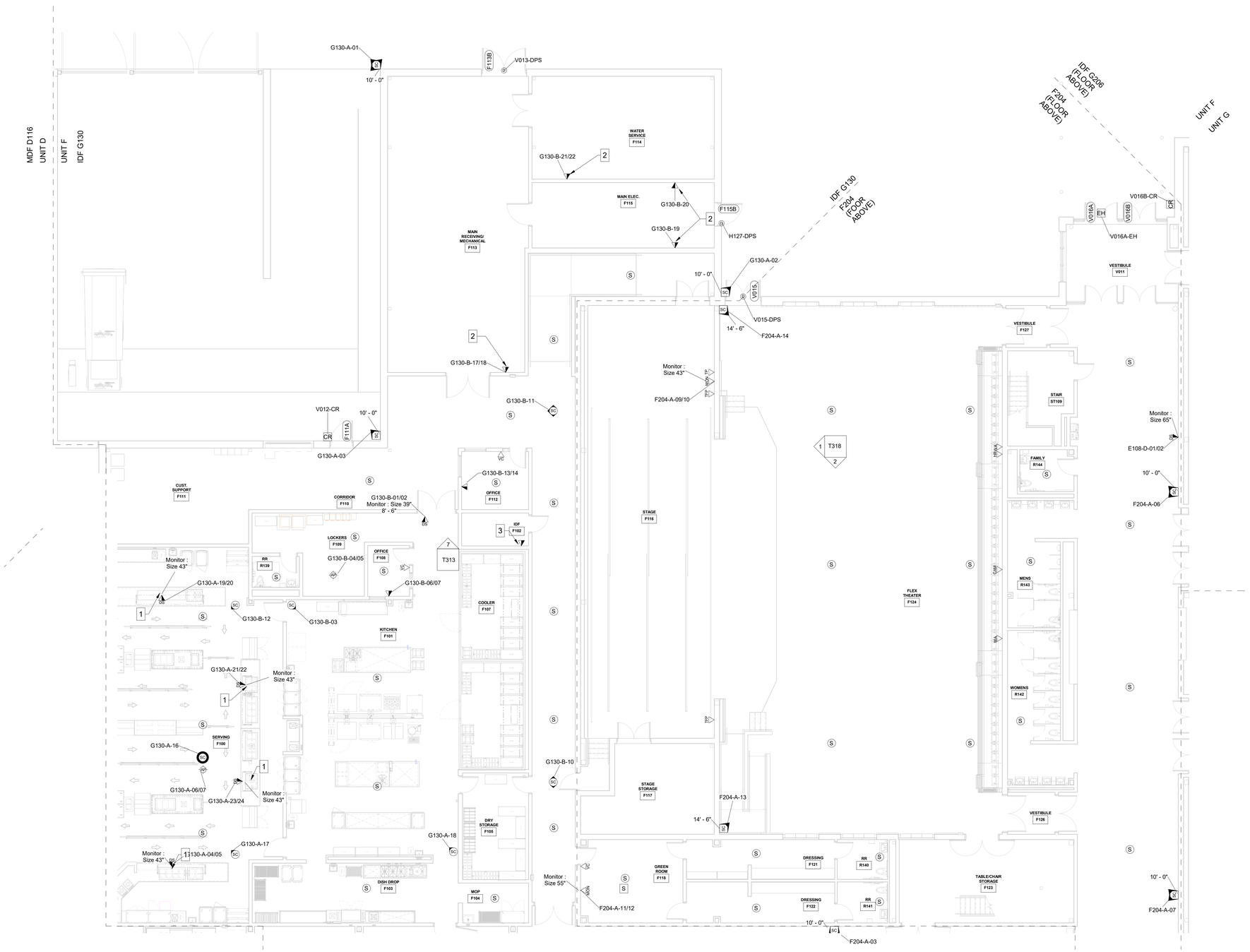

1 GROUND FLOOR TECHNOLOGY PLAN - UNIT F
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D	PROVIDE A MINIMUM 10 FOOT MAINTENANCE LOOP ON EACH HORIZONTAL CABLING RUN. MAINTENANCE LOOPS SHALL BE STORED ABOVE ACCESIBLE CEILINGS, IN CABLE TRAY, AND IN TELECOMMUNICATION ROOM CABLE TRAY. CABLING ABOVE CEILING SHALL BE SUSPENDED FROM APPROPRIATE SUPPORTS AND SHALL NOT TOUCH THE CEILING.
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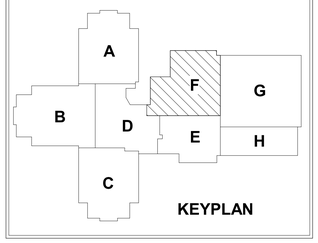
F	REFER TO SPECIFICATION SECTION 27 15 13 FOR CABLE JACKET COLOR REQUIREMENTS
G	LABELING SHALL BE COMPLETED AS DEFINED IN THE CONTRACT DOCUMENTS AND SHALL BE COORDINATED WITH THE OWNER.
H	PROVIDE ALL TELECOMMUNICATION OUTLETS AS SHOWN ON THE DRAWINGS AND AS REQUIRED TO PROVIDE CONNECTIONS FOR EACH DEVICE SHOWN ON THE DRAWINGS.
I	ALL TESTING OF HORIZONTAL CABLING SHALL BE COMPLETED AS DIRECTED BY THE PROJECT SPECIFICATIONS. ALL CABLING MUST BE TESTED AND CERTIFIED TO THE APPLICABLE STANDARDS.

TECHNOLOGY LEGEND

- BC — BLEACHER CONNECTION LOCATION
- BR — BLUETOOTH RECEIVER LOCATION
- DATA LOCATION
- P — PROJECTOR LOCATION
- DS — DIGITAL SIGNAGE LOCATION
- MON — MONITOR LOCATION
- WAP — WIRELESS ACCESS POINT - WALL MOUNTED
- WAP — WIRELESS ACCESS POINT - CEILING MOUNTED
- AM — AUDIO MIXING LOCATION
- AV — AV INPUT LOCATION - TYPE 1
- AV — AV INPUT LOCATION TYPE 2
- AV — AV INPUT LOCATION TYPE 3
- AV RACK — AV EQUIPMENT RACK LOCATION
- CAM — VIDEO CAMERA LOCATION
- CAS — CLASSROOM AUDIO SYSTEM LOCATION
- HA — HEARING ASSISTANCE ANTENNA LOCATION
- LJ — LOUDSPEAKER JUNCTION BOX LOCATION
- MI — MICROPHONE INPUT LOCATION
- PA — PAGING SPEAKER - WALL MOUNTED
- PROGRAM SPEAKER - WALL MOUNTED
- S — PAGING SPEAKER - CEILING MOUNTED
- S — PROGRAM SPEAKER - CEILING MOUNTED
- S — PROGRAM SPEAKER - PENDANT MOUNTED
- TFP — TECHNICAL FACILITIES PANEL LOCATION
- TP — TOUCH PANEL LOCATION
- TTP — TABLE TOP TOUCH PANEL LOCATION
- VC — VOLUME CONTROL LOCATION
- WM — WIRELESS MICROPHONE ANTENNA LOCATION
- CR — CARD READER LOCATION
- CR — CARD READER - MULLION MOUNTED
- D — DOOR POSITION SENSOR LOCATION
- DB — DURESS BUTTON LOCATION
- MC — MOBILE CART LOCATION
- MH — MAGNETIC HOLD DOOR HARDWARE
- EH — ELECTRIFIED LOCKING HARDWARE
- SC — SECURITY CAMERA - CEILING MOUNTED
- SC — SECURITY CAMERA - WALL MOUNTED
- AS — VIDEO INTERCOM ANSWERING STATION
- VI — VIDEO INTERCOM DOOR STATION

SHEET NOTES

1. DIGITAL SIGNALE LOCATION SHALL BE CEILING HUNG ABOVE SERVING LINE AND SERVE AS MENU SIGNAGE. CONFIRM FINAL LOCATION AND INSTALLATION REQUIREMENTS WITH OWNER PRIOR TO INSTALLATION.
2. DATA LOCATION TO SERVE BAS CONNECTIVITY. CONFIRM FINAL LOCATION WITH CM.
3. DATA LOCATION SHALL BE INSTALLED ADJACENT TO ELECTRONIC ACCESS CONTROL ENCLOSURE.



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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
17707 CENTENNIAL RD, WESTFIELD, IN 46074

BID DOCUMENTS

SCOPE DRAWINGS:
These drawings indicate the general scope of the project including the approximate size, shape and character of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the construction contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

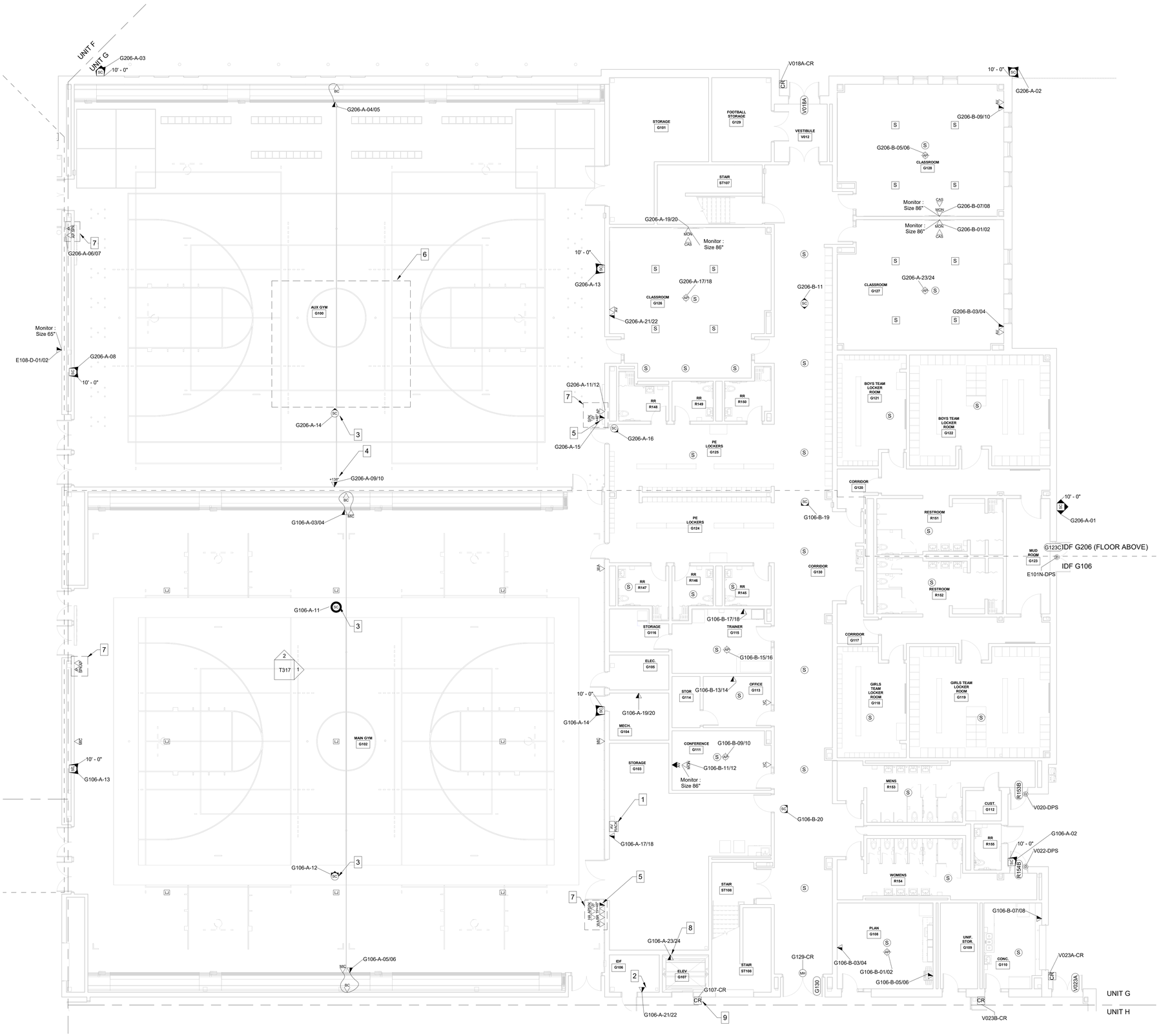
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
GROUND FLOOR TECHNOLOGY PLAN - UNIT F

CERTIFIED BY:
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-26
RCDD

DRAWING NUMBER
T201F

PROJECT NUMBER
2023061



1 GROUND FLOOR TECHNOLOGY PLAN - UNIT G
1/8" = 1'-0"

GENERAL HORIZONTAL CABLING NOTES

A	MINIMUM CATEGORY 6A COMPLIANT 4-PAIR UNSHIELDED TWISTED PAIR (UTP). ALL HORIZONTAL CABLING MUST BE PLENUM RATED.
B	CONTRACTOR SHALL PROVIDE A DOCUMENTED MANUFACTURER CERTIFIED SOLUTION INCLUDING THE MINIMUM PERFORMANCE AND APPLICATIONS WARRANTY.
C	PAINTING OF THE STRUCTURED CABLING WILL VOID THE WARRANTY. ENSURE PROPER COORDINATION WITH PAINTING CONTRACTOR SO THAT ALL STRUCTURED CABLING IS PROTECTED PRIOR TO ANY PAINTING.
D	PROVIDE A MINIMUM 10 FOOT MAINTENANCE LOOP ON EACH HORIZONTAL CABLING RUN. MAINTENANCE LOOPS SHALL BE STORED ABOVE ACCESIBLE CEILINGS, IN CABLE TRAY, AND IN TELECOMMUNICATION ROOM CABLE TRAY. CABLING ABOVE CEILING SHALL BE SUSPENDED FROM APPROPRIATE SUPPORTS AND SHALL NOT TOUCH THE CEILING.
E	ALL PIN/PAIR ASSIGNMENTS SHALL BE T568B.
F	REFER TO SPECIFICATION SECTION 27 15 13 FOR CABLE JACKET COLOR REQUIREMENTS
G	LABELING SHALL BE COMPLETED AS DEFINED IN THE CONTRACT DOCUMENTS AND SHALL BE COORDINATED WITH THE OWNER.
H	PROVIDE ALL TELECOMMUNICATION OUTLETS AS SHOWN ON THE DRAWINGS AND AS REQUIRED TO PROVIDE CONNECTIONS FOR EACH DEVICE SHOWN ON THE DRAWINGS.
I	ALL TESTING OF HORIZONTAL CABLING SHALL BE COMPLETED AS DIRECTED BY THE PROJECT SPECIFICATIONS. ALL CABLING MUST BE TESTED AND CERTIFIED TO THE APPLICABLE STANDARDS.

TECHNOLOGY LEGEND

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- BR — BLUETOOTH RECEIVER LOCATION
- D — DATA LOCATION
- P — PROJECTOR LOCATION
- DS — DIGITAL SIGNAGE LOCATION
- MON — MONITOR LOCATION
- AP — WIRELESS ACCESS POINT - WALL MOUNTED
- APC — WIRELESS ACCESS POINT - CEILING MOUNTED
- MX — AUDIO MIXING LOCATION
- AV — AV INPUT LOCATION - TYPE 1
- AV — AV INPUT LOCATION TYPE 2
- AV — AV INPUT LOCATION TYPE 3
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- CR — CARD READER - MULLION MOUNTED
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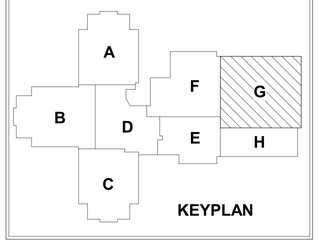
- MH — MAGNETIC HOLD DOOR HARDWARE
- EH — ELECTRIFIED LOCKING HARDWARE
- SC — SECURITY CAMERA - CEILING MOUNTED
- SC — SECURITY CAMERA - WALL MOUNTED
- AS — VIDEO INTERCOM ANSWERING STATION
- VI — VIDEO INTERCOM DOOR STATION

SHEET NOTES

1. AV EQUIPMENT RACK SERVING MAIN GYM. DATA LOCATION SHOWN ADJACENT SHALL BE INSTALLED BEHIND RACK WITHIN RACK KNOCKOUT AT 46" A.F.F.
2. DATA LOCATION SHALL BE INSTALLED ADJACENT TO ELECTRONIC ACCESS CONTROL ENCLOSURE.
3. SECURITY CAMERA ATTACHED TO STRUCTURE.
4. DATA LOCATION TO SERVE C.F.C.I. LU INTERACTIVE PLAYGROUND HEART DEVICE. CONFIRM FINAL MOUNTING HEIGHT AND ALL INSTALLATION REQUIREMENTS WITH LU MANUFACTURER. REFERENCE SPECIFICATION 27 41 16 FOR ADDITIONAL INFORMATION.
5. DATA LOCATION TO SERVE GYM CONTROLS TOUCH PANEL. REFERENCE A-SERIES DRAWINGS AND ASSOCIATED SPECIFICATIONS FOR ADDITIONAL INFORMATION.
6. CONTRACTOR SHALL PROVIDE AND INSTALL LU UNO INTERACTIVE PLAYGROUND. SYSTEM SHALL PROJECT IMAGE ON SOUTH WALL OF GYMNASIUM AND INCLUDE CAMERA AND INTEGRATED SOUND SYSTEM. REFERENCE SPECIFICATION 27 41 16 AND MANUFACTURER INSTALLATION DOCUMENTATION FOR ADDITIONAL INFORMATION.
7. CONTRACTOR SHALL PROVIDE AND INSTALL WIRE PROTECTIVE CAGE AROUND DEVICE.
8. DATA LOCATION TO SERVE ELEVATOR CONTROLS. COORDINATE INSTALLATION WITH ELEVATOR INSTALLER.
9. CARD READER SHALL BE INTEGRATED INTO ELEVATOR CALL FUNCTIONALITY. CONTRACTOR SHALL PROVIDE APPROPRIATE WIRING TO INTEGRATE WITH ELEVATOR MACHINE EQUIPMENT. COORDINATE INSTALLATION WITH ELEVATOR INSTALLER.



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PROJECT:
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SCOPE DRAWINGS:
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REVISIONS:

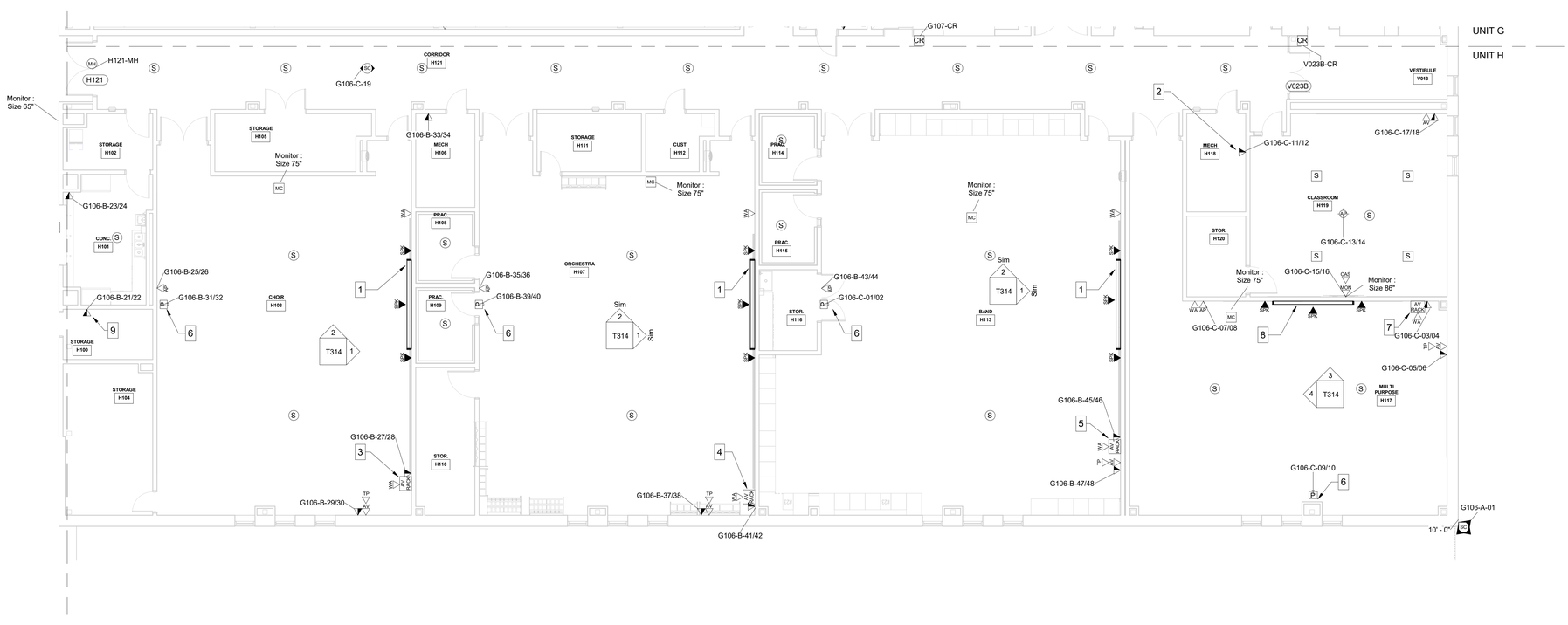
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
GROUND FLOOR TECHNOLOGY PLAN - UNIT G

CERTIFIED BY:
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-25
RCDD

DRAWING NUMBER
T201G

PROJECT NUMBER
2023061



1 GROUND FLOOR TECHNOLOGY PLAN - UNIT H
1/8" = 1'-0"

GENERAL HORIZONTAL CABLING NOTES

A	MINIMUM CATEGORY 6A COMPLIANT 4-PAIR UNSHIELDED TWISTED PAIR (UTP). ALL HORIZONTAL CABLING MUST BE PLENUM RATED.
B	CONTRACTOR SHALL PROVIDE A DOCUMENTED MANUFACTURER CERTIFIED SOLUTION INCLUDING THE MINIMUM PERFORMANCE AND APPLICATIONS WARRANTY.
C	PAINTING OF THE STRUCTURED CABLING WILL VOID THE WARRANTY. ENSURE PROPER COORDINATION WITH PAINTING CONTRACTOR SO THAT ALL STRUCTURED CABLING IS PROTECTED PRIOR TO ANY PAINTING.
D	PROVIDE A MINIMUM 10 FOOT MAINTENANCE LOOP ON EACH HORIZONTAL CABLING RUN. MAINTENANCE LOOPS SHALL BE STORED ABOVE ACCESIBLE CEILINGS, IN CABLE TRAY, AND IN TELECOMMUNICATION ROOM CABLE TRAY. CABLING ABOVE CEILING SHALL BE SUSPENDED FROM APPROPRIATE SUPPORTS AND SHALL NOT TOUCH THE CEILING.
E	ALL PIN/PAIR ASSIGNMENTS SHALL BE T568B.
F	REFER TO SPECIFICATION SECTION 27 15 13 FOR CABLE JACKET COLOR REQUIREMENTS
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TECHNOLOGY LEGEND

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- BLUETOOTH RECEIVER LOCATION
- DATA LOCATION
- PROJECTOR LOCATION
- DIGITAL SIGNAGE LOCATION
- MONITOR LOCATION
- WIRELESS ACCESS POINT - WALL MOUNTED
- WIRELESS ACCESS POINT - CEILING MOUNTED
- AUDIO MIXING LOCATION
- AV INPUT LOCATION - TYPE 1
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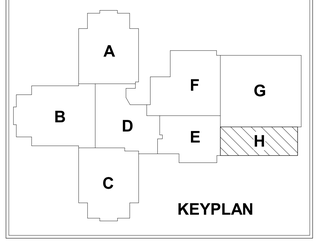
- AV INPUT LOCATION TYPE 3
- AV EQUIPMENT RACK LOCATION
- VIDEO CAMERA LOCATION
- CLASSROOM AUDIO SYSTEM LOCATION
- HEARING ASSISTANCE ANTENNA LOCATION
- LOUDSPEAKER JUNCTION BOX LOCATION
- MICROPHONE INPUT LOCATION
- PAGING SPEAKER - WALL MOUNTED
- PROGRAM SPEAKER - WALL MOUNTED
- PAGING SPEAKER - CEILING MOUNTED
- PROGRAM SPEAKER - CEILING MOUNTED
- PROGRAM SPEAKER - PENDANT MOUNTED
- TECHNICAL FACILITIES PANEL LOCATION
- TOUCH PANEL LOCATION
- TABLE TOP TOUCH PANEL LOCATION
- VOLUME CONTROL LOCATION
- WIRELESS MICROPHONE ANTENNA LOCATION
- CARD READER LOCATION
- CARD READER - MULLION MOUNTED
- DOOR POSITION SENSOR LOCATION
- DURESS BUTTON LOCATION
- MOBILE CART LOCATION
- MAGNETIC HOLD DOOR HARDWARE
- ELECTRIFIED LOCKING HARDWARE
- SECURITY CAMERA - CEILING MOUNTED
- SECURITY CAMERA - WALL MOUNTED
- VIDEO INTERCOM ANSWERING STATION
- VIDEO INTERCOM DOOR STATION

SHEET NOTES

1. 79" H x 140" W 16:9 ASPECT RATIO WALL MOUNTED ELECTRIC PROJECTION SCREEN.
2. DATA LOCATION TO BE INSTALLED ADJACENT TO ELECTRONIC ACCESS CONTROL ENCLOSURE.
3. AV EQUIPMENT RACK SERVING CHOIR. DATA LOCATION SHOWN ADJACENT SHALL BE INSTALLED BEHIND RACK WITHIN RACK KNOCKOUT AT 46" A.F.F.
4. AV EQUIPMENT RACK SERVING ORCHESTRA. DATA LOCATION SHOWN ADJACENT SHALL BE INSTALLED BEHIND RACK WITHIN RACK KNOCKOUT AT 46" A.F.F.
5. AV EQUIPMENT RACK SERVING BAND. DATA LOCATION SHOWN ADJACENT SHALL BE INSTALLED BEHIND RACK WITHIN RACK KNOCKOUT AT 46" A.F.F.
6. VIDEO PROJECTOR SHALL BE WALL MOUNTED. REFER TO AV ELEVATIONS FOR ADDITIONAL INFORMATION.
7. AV EQUIPMENT RACK SERVING MUSIC MULTIPURPOSE ROOM. DATA LOCATION SHOWN ADJACENT SHALL BE INSTALLED BEHIND RACK WITHIN RACK KNOCKOUT AT 46" A.F.F.
8. 65" H x 116" W 16:9 ASPECT RATIO WALL MOUNTED ELECTRIC PROJECTION SCREEN.
9. DATA LOCATION TO SERVE BUILDING AUTOMATION SYSTEM CONNECTIVITY. CONFIRM FINAL LOCATION WITH CONSTRUCTION MANAGER PRIOR TO INSTALLATION.



KEYPLAN

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PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. They are not intended to be construction documents. Describe all work required for full performance and completion of the requirements of the Contract.
The work shall include the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

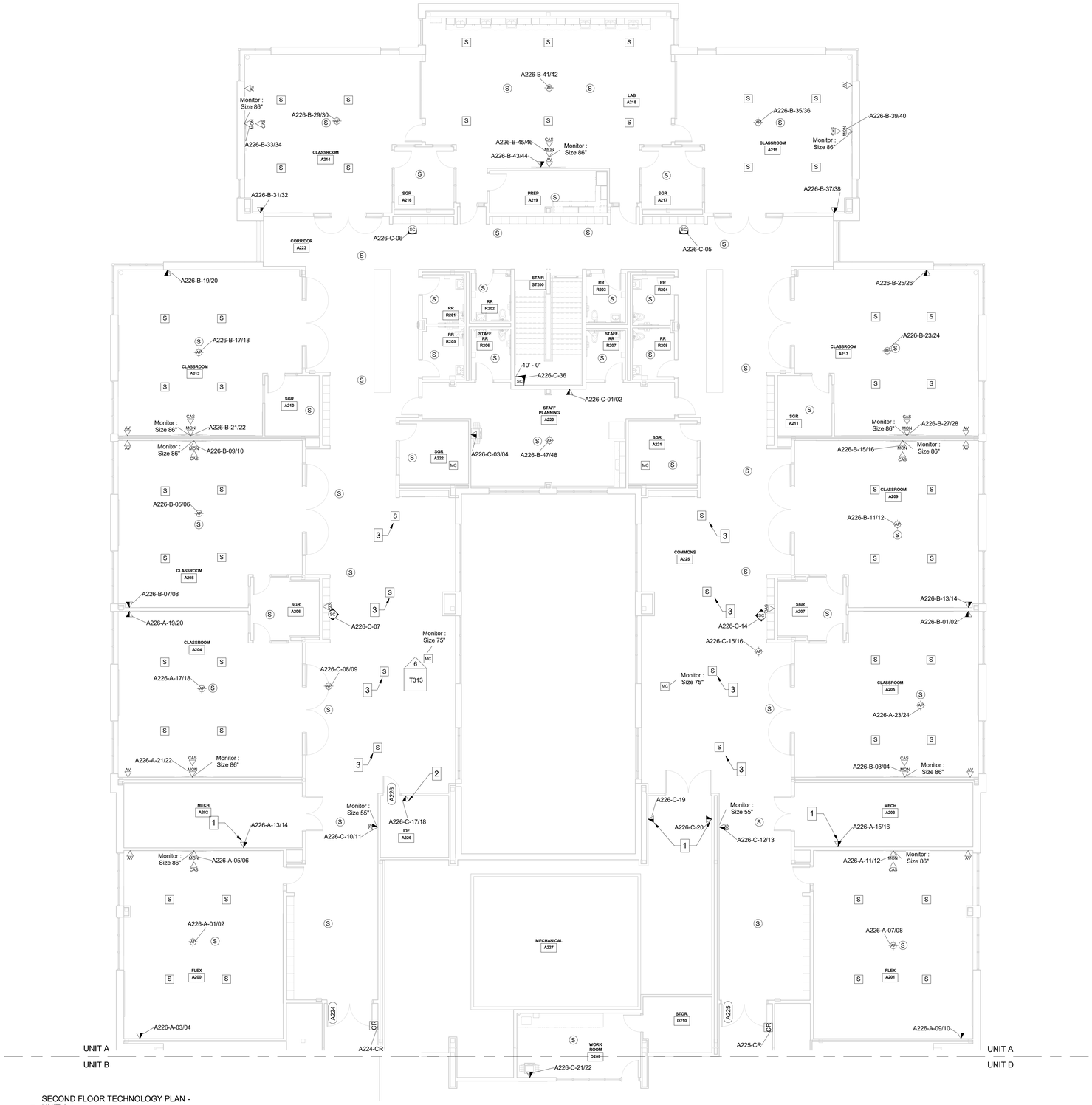
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
GROUND FLOOR TECHNOLOGY PLAN - UNIT H

CERTIFIED BY:
BICSI REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-25
RCDD

DRAWING NUMBER
T201H

PROJECT NUMBER
2023061



1 SECOND FLOOR TECHNOLOGY PLAN - UNIT A
1/8" = 1'-0"

GENERAL HORIZONTAL CABLING NOTES

A	MINIMUM CATEGORY 6A COMPLIANT 4-PAIR UNSHIELDED TWISTED PAIR (UTP). ALL HORIZONTAL CABLING MUST BE PLENUM RATED.
B	CONTRACTOR SHALL PROVIDE A DOCUMENTED MANUFACTURER CERTIFIED SOLUTION INCLUDING THE MINIMUM PERFORMANCE AND APPLICATIONS WARRANTY.
C	PAINTING OF THE STRUCTURED CABLING WILL VOID THE WARRANTY. ENSURE PROPER COORDINATION WITH PAINTING CONTRACTOR SO THAT ALL STRUCTURED CABLING IS PROTECTED PRIOR TO ANY PAINTING.
D	PROVIDE A MINIMUM 10 FOOT MAINTENANCE LOOP ON EACH HORIZONTAL CABLING RUN. MAINTENANCE LOOPS SHALL BE STORED ABOVE ACCESIBLE CEILINGS, IN CABLE TRAY, AND IN TELECOMMUNICATION ROOM CABLE TRAY. CABLING ABOVE CEILING SHALL BE SUSPENDED FROM APPROPRIATE SUPPORTS AND SHALL NOT TOUCH THE CEILING.
E	ALL PIN/PAIR ASSIGNMENTS SHALL BE T568B.
F	REFER TO SPECIFICATION SECTION 27 15 13 FOR CABLE JACKET COLOR REQUIREMENTS
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- WAP — WIRELESS ACCESS POINT - WALL MOUNTED
- WAP — WIRELESS ACCESS POINT - CEILING MOUNTED
- MIX — AUDIO MIXING LOCATION
- AV — AV INPUT LOCATION - TYPE 1
- AV — AV INPUT LOCATION TYPE 2
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- LJ — LOUDSPEAKER JUNCTION BOX LOCATION
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- CRM — CARD READER - MULLION MOUNTED
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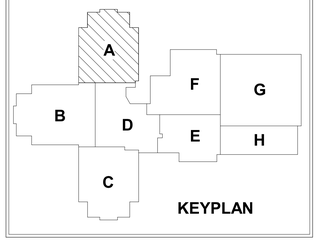
SHEET NOTES

1. DATA LOCATION TO SERVE BUILDING AUTOMATION SYSTEM CONNECTIVITY. CONFIRM FINAL LOCATION WITH GENERAL CONTRACTOR PRIOR TO INSTALLATION.
2. DATA LOCATION SHALL BE INSTALLED ADJACENT TO ELECTRONIC ACCESS CONTROL ENCLOSURE.
3. DOWNWARDS FIRING SURFACE MOUNT CLASSROOM LOUDSPEAKER ATTACHED TO SIDE OF BULKHEAD ABOVE OPEN GRID CEILING. PROVIDE 1" CONDUIT TERMINATED FLUSH IN BULKHEAD ROUTED ABOVE ADJACENT ACCESSIBLE CEILING.



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REVISIONS:

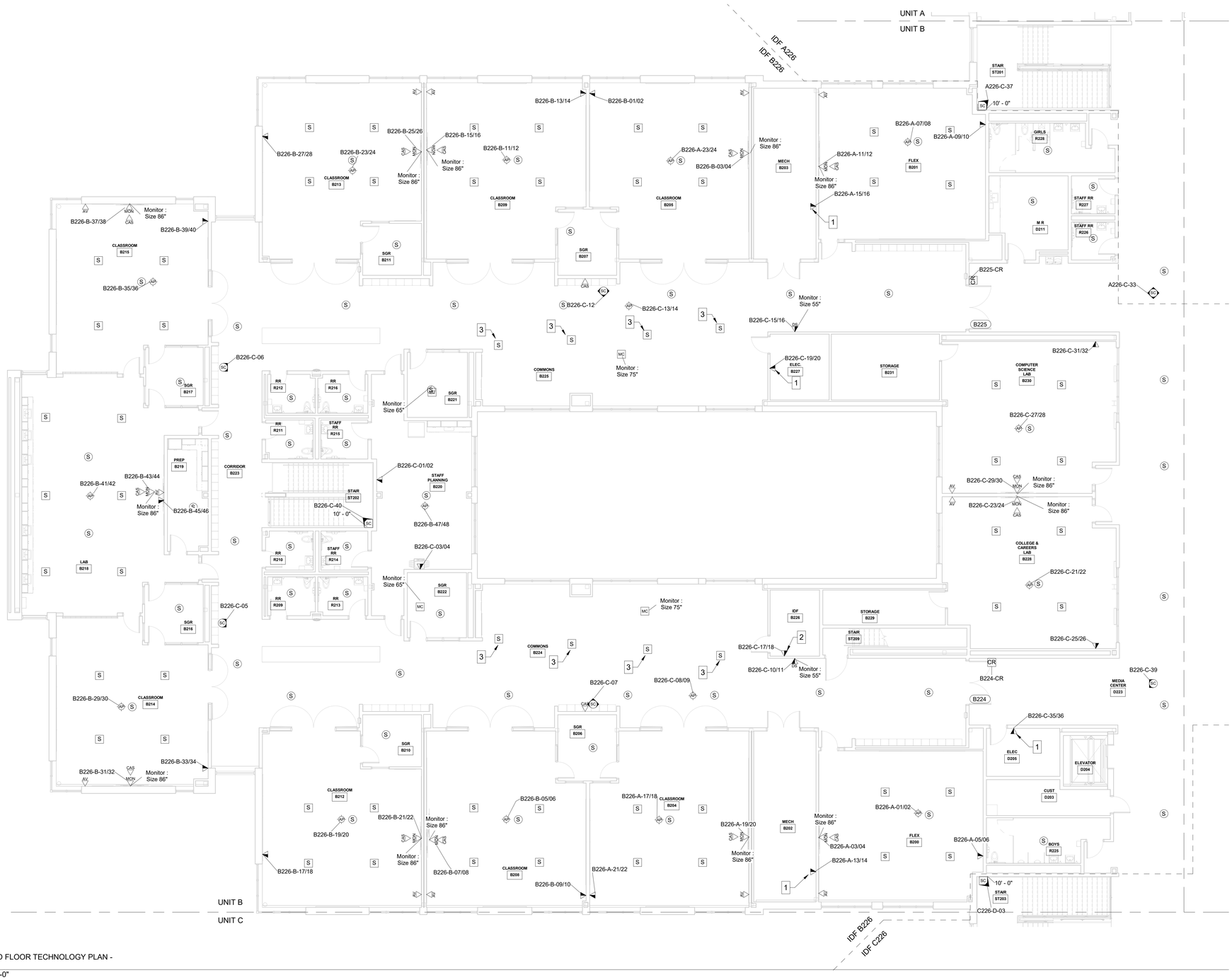
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
SECOND FLOOR TECHNOLOGY PLAN - UNIT A

CERTIFIED BY:
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-26
RCDD

DRAWING NUMBER
T202A

PROJECT NUMBER
2023061



1 SECOND FLOOR TECHNOLOGY PLAN - UNIT B
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GENERAL HORIZONTAL CABLING NOTES

A	MINIMUM CATEGORY 6A COMPLIANT 4-PAIR UNSHIELDED TWISTED PAIR (UTP). ALL HORIZONTAL CABLING MUST BE PLENUM RATED.
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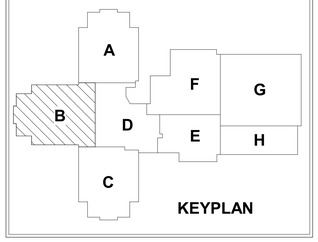
C	PAINTING OF THE STRUCTURED CABLING WILL VOID THE WARRANTY. ENSURE PROPER COORDINATION WITH PAINTING CONTRACTOR SO THAT ALL STRUCTURED CABLING IS PROTECTED PRIOR TO ANY PAINTING.
D	PROVIDE A MINIMUM 10 FOOT MAINTENANCE LOOP ON EACH HORIZONTAL CABLING RUN. MAINTENANCE LOOPS SHALL BE STORED ABOVE ACCESIBLE CEILINGS, IN CABLE TRAY, AND IN TELECOMMUNICATION ROOM CABLE TRAY. CABLING ABOVE CEILING SHALL BE SUSPENDED FROM APPROPRIATE SUPPORTS AND SHALL NOT TOUCH THE CEILING.
E	ALL PIN/PAIR ASSIGNMENTS SHALL BE T568B.
F	REFER TO SPECIFICATION SECTION 27 15 13 FOR CABLE JACKET COLOR REQUIREMENTS
G	LABELING SHALL BE COMPLETED AS DEFINED IN THE CONTRACT DOCUMENTS AND SHALL BE COORDINATED WITH THE OWNER.
H	PROVIDE ALL TELECOMMUNICATION OUTLETS AS SHOWN ON THE DRAWINGS AND AS REQUIRED TO PROVIDE CONNECTIONS FOR EACH DEVICE SHOWN ON THE DRAWINGS.
I	ALL TESTING OF HORIZONTAL CABLING SHALL BE COMPLETED AS DIRECTED BY THE PROJECT SPECIFICATIONS. ALL CABLING MUST BE TESTED AND CERTIFIED TO THE APPLICABLE STANDARDS.

TECHNOLOGY LEGEND

- BC — BLEACHER CONNECTION LOCATION
- BR — BLUETOOTH RECEIVER LOCATION
- DATA LOCATION
- P — PROJECTOR LOCATION
- DS — DIGITAL SIGNAGE LOCATION
- MON — MONITOR LOCATION
- AP — WIRELESS ACCESS POINT - WALL MOUNTED
- APC — WIRELESS ACCESS POINT - CEILING MOUNTED
- MX — AUDIO MIXING LOCATION
- AV — AV INPUT LOCATION - TYPE 1
- AV — AV INPUT LOCATION TYPE 2
- AV — AV INPUT LOCATION TYPE 3
- AV RACK — AV EQUIPMENT RACK LOCATION
- CAM — VIDEO CAMERA LOCATION
- CAS — CLASSROOM AUDIO SYSTEM LOCATION
- HA — HEARING ASSISTANCE ANTENNA LOCATION
- LJ — LOUDSPEAKER JUNCTION BOX LOCATION
- MP — MICROPHONE INPUT LOCATION
- PA — PAGING SPEAKER - WALL MOUNTED
- PROGRAM SPEAKER - WALL MOUNTED
- S — PAGING SPEAKER - CEILING MOUNTED
- S — PROGRAM SPEAKER - CEILING MOUNTED
- S — PROGRAM SPEAKER - PENDANT MOUNTED
- TP — TECHNICAL FACILITIES PANEL LOCATION
- TP — TOUCH PANEL LOCATION
- TT — TABLE TOP TOUCH PANEL LOCATION
- VC — VOLUME CONTROL LOCATION
- WM — WIRELESS MICROPHONE ANTENNA LOCATION
- CR — CARD READER LOCATION
- CR — CARD READER - MULLION MOUNTED
- D — DOOR POSITION SENSOR LOCATION
- DB — DURESS BUTTON LOCATION
- MC — MOBILE CART LOCATION
- MH — MAGNETIC HOLD DOOR HARDWARE
- EH — ELECTRIFIED LOCKING HARDWARE
- SC — SECURITY CAMERA - CEILING MOUNTED
- SC — SECURITY CAMERA - WALL MOUNTED
- AS — VIDEO INTERCOM ANSWERING STATION
- VI — VIDEO INTERCOM DOOR STATION

SHEET NOTES

1. DATA LOCATION TO SERVE BUILDING AUTOMATION SYSTEM CONNECTIVITY. CONFIRM FINAL LOCATION WITH GENERAL CONTRACTOR PRIOR TO INSTALLATION.
2. DATA LOCATION SHALL BE INSTALLED ADJACENT TO ELECTRONIC ACCESS CONTROL ENCLOSURE.
3. DOWNWARDS FIRING SURFACE MOUNT CLASSROOM LOUDSPEAKER ATTACHED TO SIDE OF BULKHEAD ABOVE OPEN GRID CEILING. PROVIDE 1" CONDUIT TERMINATED FLUSH IN BLUKHEAD ROUTED ABOVE ADJACENT ACCESSIBLE CEILING.



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46205
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
17707 CENTENNIAL RD, WESTFIELD, IN 46074

BID DOCUMENTS

SCOPE DRAWINGS:
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REVISIONS:

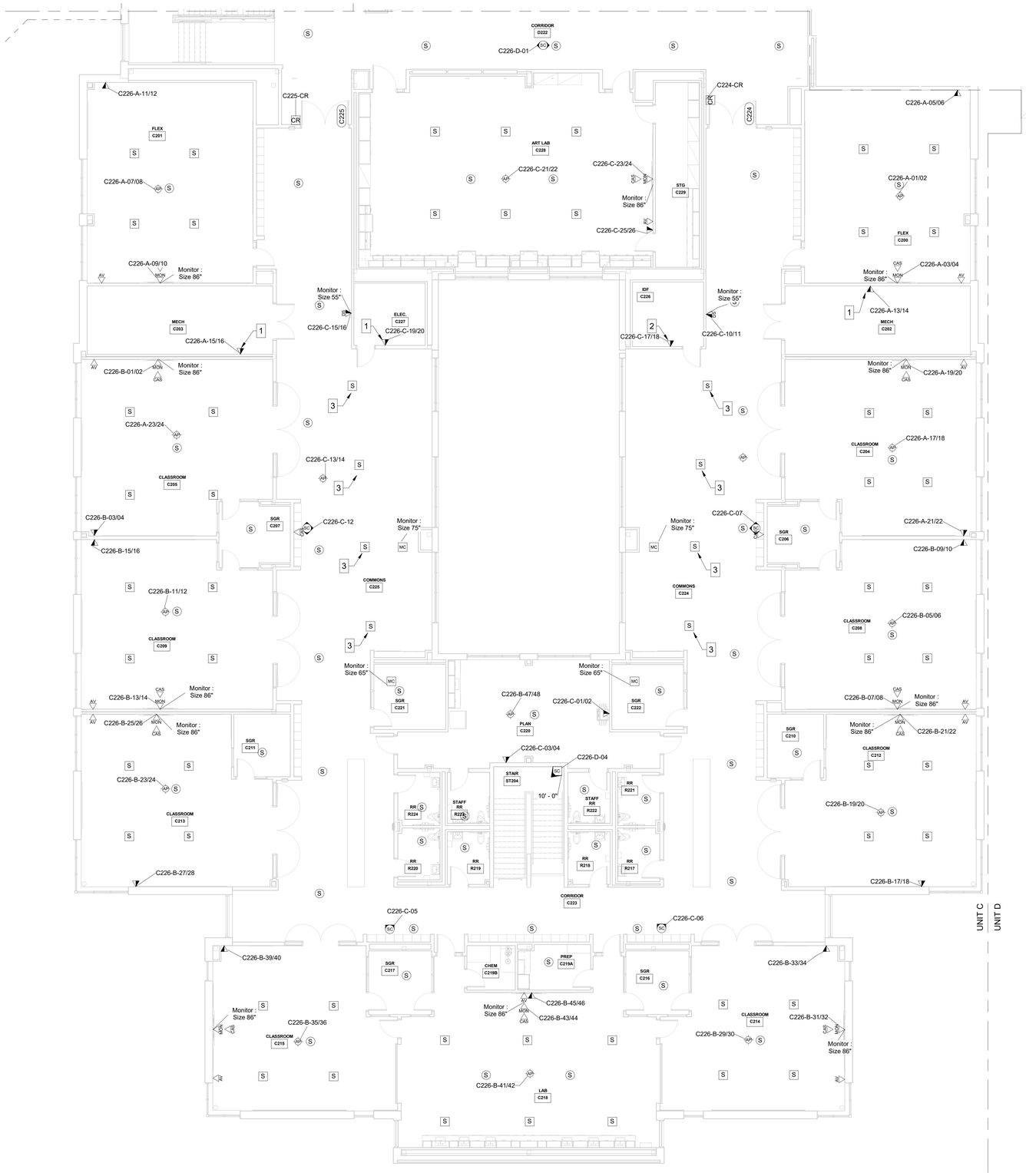
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
SECOND FLOOR TECHNOLOGY PLAN - UNIT B

CERTIFIED BY:
BICSI REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-26
RCDD

DRAWING NUMBER
T202B

PROJECT NUMBER
2023061



1 SECOND FLOOR TECHNOLOGY PLAN - UNIT C
1/8" = 1'-0"

GENERAL HORIZONTAL CABLING NOTES

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- WAP — WIRELESS ACCESS POINT - CEILING MOUNTED
- MIX — AUDIO MIXING LOCATION
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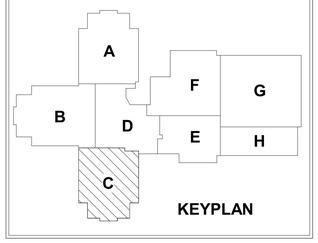

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TECHNOLOGY ACOUSTICS

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
17707 CENTENNIAL RD, WESTFIELD, IN 46074

BID DOCUMENTS

SCOPE DRAWINGS:
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REVISIONS:

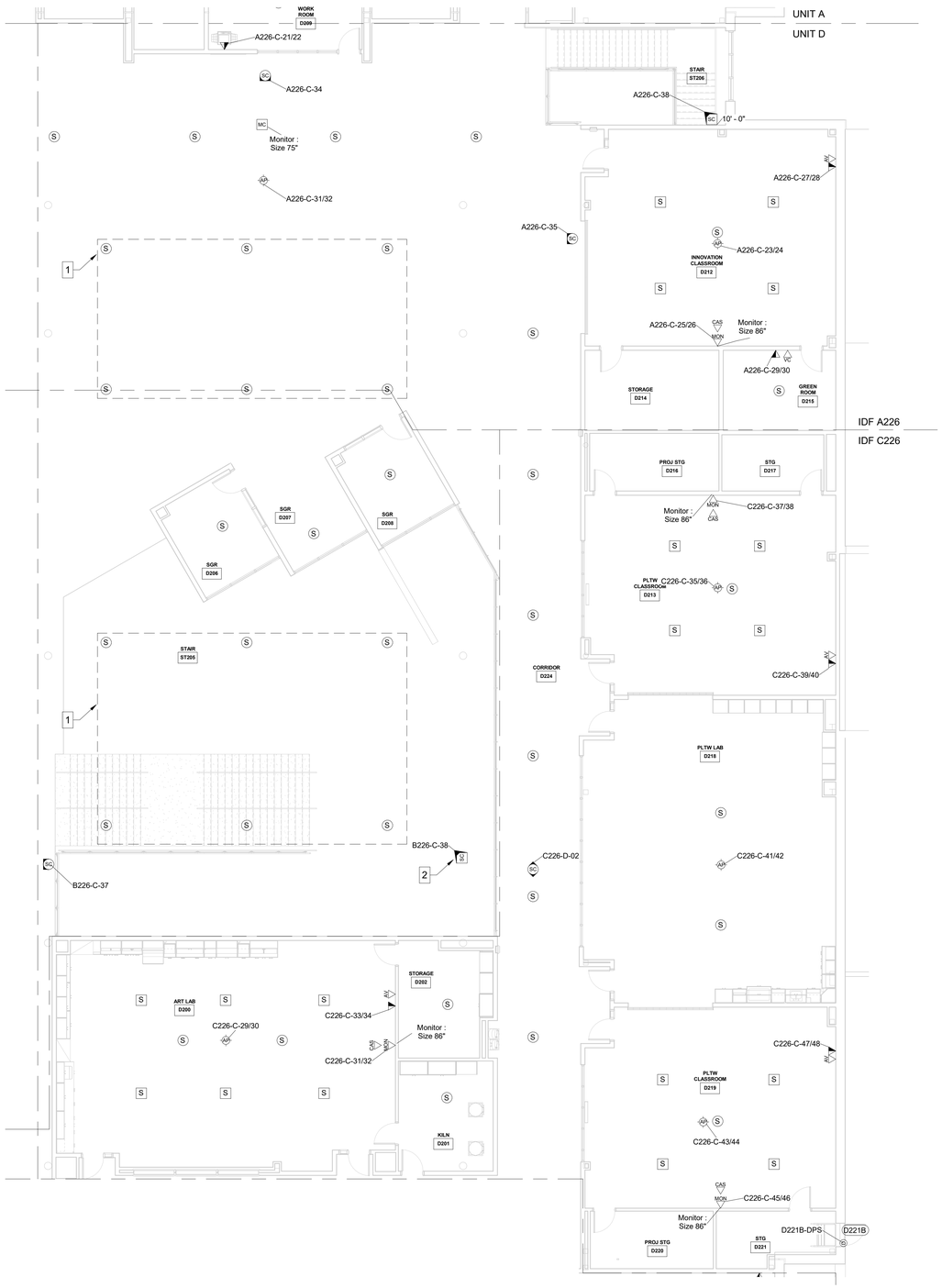
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
SECOND FLOOR TECHNOLOGY PLAN - UNIT C

CERTIFIED BY:
BICSI REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-26
RCDD

DRAWING NUMBER
T202C

PROJECT NUMBER
2023061



1 SECOND FLOOR TECHNOLOGY PLAN - UNIT D
1/8" = 1'-0"

GENERAL HORIZONTAL CABLING NOTES

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- CAM — VIDEO CAMERA LOCATION
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- LJ — LOUDSPEAKER JUNCTION BOX LOCATION
- MIC — MICROPHONE INPUT LOCATION
- PAGING SPEAKER - WALL MOUNTED
- PROGRAM SPEAKER - WALL MOUNTED
- S — PAGING SPEAKER - CEILING MOUNTED
- S — PROGRAM SPEAKER - CEILING MOUNTED
- S — PROGRAM SPEAKER - PENDANT MOUNTED
- TPP — TECHNICAL FACILITIES PANEL LOCATION
- TP — TOUCH PANEL LOCATION
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- CR — CARD READER - MULLION MOUNTED
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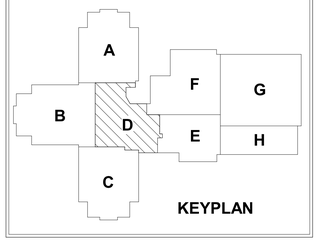
- MC — MOBILE CART LOCATION
- MH — MAGNETIC HOLD DOOR HARDWARE
- EH — ELECTRIFIED LOCKING HARDWARE
- SC — SECURITY CAMERA - CEILING MOUNTED
- SC — SECURITY CAMERA - WALL MOUNTED
- AS — VIDEO INTERCOM ANSWERING STATION
- VI — VIDEO INTERCOM DOOR STATION

SHEET NOTES

1 PAGING SPEAKERS SHALL BE ATTACHED TO EXPOSED STRUCTURE ABOVE AND PAINTED TO MATCH STANDARD COLOR/FINISH. CONFIRM FINAL COLOR WITH ARCHITECT.

2 SECURITY CAMERA SHALL BE MOUNTED TO THE FRONT FACE OF THE BULKHEAD AT APPROXIMATELY 10' ABOVE THE SECOND FLOOR.



KEYPLAN

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INDIANAPOLIS, IN
46205
317.536.8000
DESIGN27.COM

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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The Contract Documents are complementary and describe all work required for full performance and completion of the requirements of the Contract.
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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
SECOND FLOOR TECHNOLOGY PLAN - UNIT D

CERTIFIED BY:
RECOGNIZED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-25
RCDD

DRAWING NUMBER
T202D

PROJECT NUMBER
2023061



1 SECOND FLOOR TECHNOLOGY PLAN - UNIT F
1/8" = 1'-0"

GENERAL HORIZONTAL CABLING NOTES

A	MINIMUM CATEGORY 6A COMPLIANT 4-PAIR UNSHIELDED TWISTED PAIR (UTP). ALL HORIZONTAL CABLING MUST BE PLENUM RATED.
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AP	WIRELESS ACCESS POINT - CEILING MOUNTED
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LJ	LOUDSPEAKER JUNCTION BOX LOCATION
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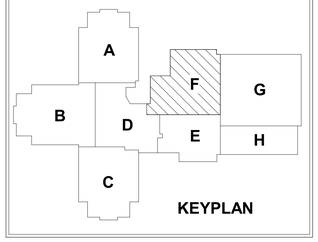
SHEET NOTES

1. DATA LOCATION TO SERVE BUILDING AUTOMATION SYSTEM CONNECTIVITY. CONFIRM FINAL LOCATION WITH GENERAL CONTRACTOR PRIOR TO INSTALLATION.
2. AV EQUIPMENT RACK SERVIING F115. DATA LOCATION SHOWN ADJACENT SHALL BE INSTALLED BEHIND RACK WITHIN RACK KNOCKOUT AT 46" A.F.F.
3. 108" H x 192" W 16:9 ASPECT RATIO WALL MOUNTED ELECTRIC PROJECTION SCREEN.
4. ROTATE LOUDSPEAKER HORN AS REQUIRED TO UTILIZE A MINIMUM 90 DEGREE HORZONTAL COVERAGE ANGLE AND A MINIMUM 50 DEGREE VERTICAL COVERAGE ANGLE.
5. DEVICE ATTACHED TO REAR OF PROSCENIUM OPENING.
6. DATA LOCATION SHALL BE INSTALLED ADJACENT TO ELECTRONIC ACCESS CONTROL ENCLOSURE.



KEYPLAN

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
SECOND FLOOR TECHNOLOGY PLAN - UNIT F

CERTIFIED BY:
RECOMMENDED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-25
RCDD

DRAWING NUMBER
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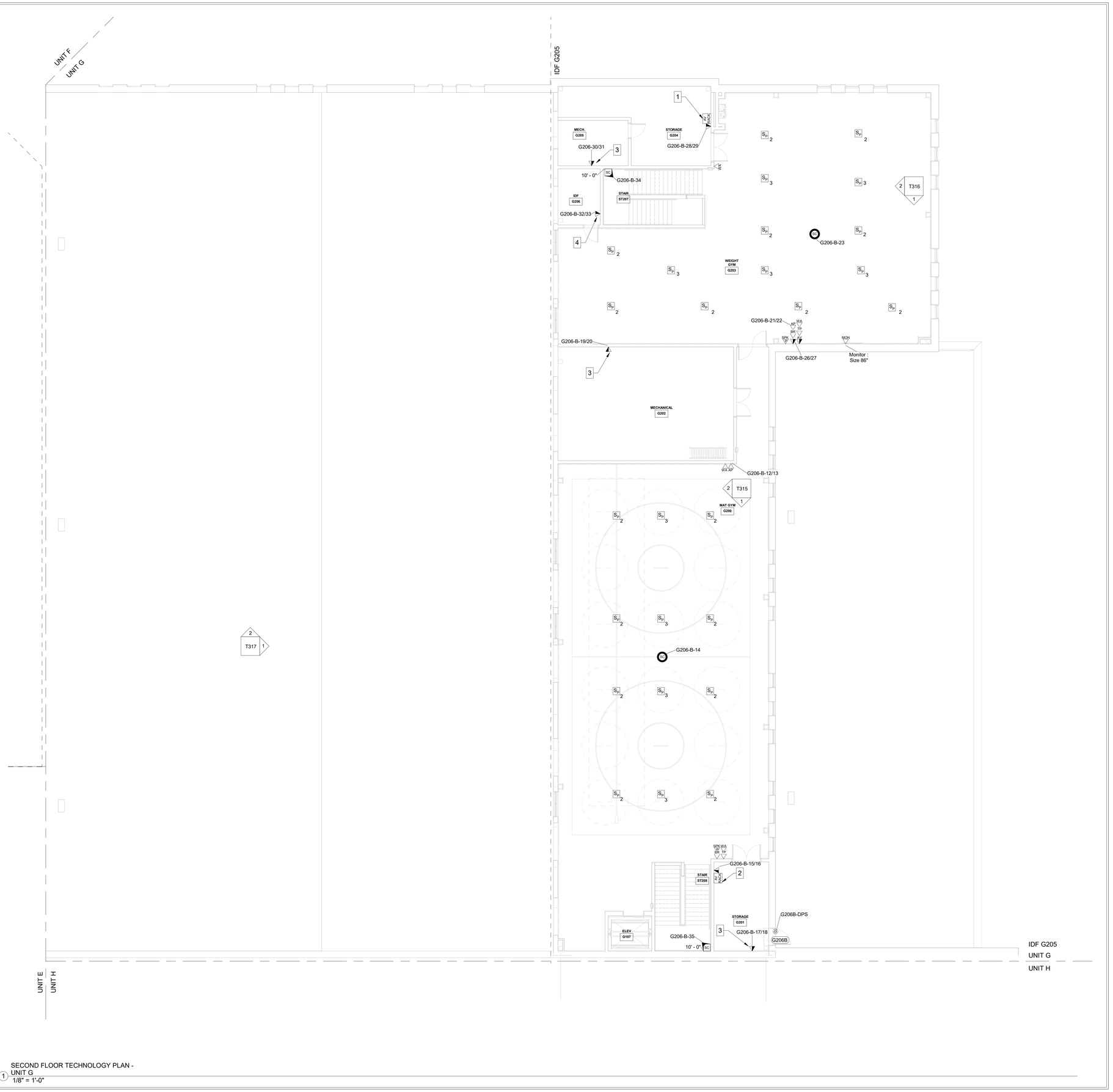

1 SECOND FLOOR TECHNOLOGY PLAN - UNIT G
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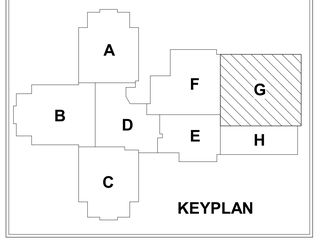
- HA — HEARING ASSISTANCE ANTENNA LOCATION
- LJ — LOUDSPEAKER JUNCTION BOX LOCATION
- MIC — MICROPHONE INPUT LOCATION
- PAGING SPEAKER - WALL MOUNTED
- PROGRAM SPEAKER - WALL MOUNTED
- S — PAGING SPEAKER - CEILING MOUNTED
- S — PROGRAM SPEAKER - CEILING MOUNTED
- S — PROGRAM SPEAKER - PENDANT MOUNTED
- TFP — TECHNICAL FACILITIES PANEL LOCATION
- TP — TOUCH PANEL LOCATION
- TP — TABLE TOP TOUCH PANEL LOCATION
- VC — VOLUME CONTROL LOCATION
- WA — WIRELESS MICROPHONE ANTENNA LOCATION
- CR — CARD READER LOCATION
- CR — CARD READER - MULLION MOUNTED
- D — DOOR POSITION SENSOR LOCATION
- DB — DURESS BUTTON LOCATION
- MC — MOBILE CART LOCATION
- MH — MAGNETIC HOLD DOOR HARDWARE
- EH — ELECTRIFIED LOCKING HARDWARE
- SC — SECURITY CAMERA - CEILING MOUNTED
- SC — SECURITY CAMERA - WALL MOUNTED
- AS — VIDEO INTERCOM ANSWERING STATION
- VI — VIDEO INTERCOM DOOR STATION

SHEET NOTES

1. AV EQUIPMENT RACK SERVIING WEIGHT GYM. DATA LOCATION SHOWN ADJACENT SHALL BE INSTALLED BEHIND RACK WITHIN RACK KNOCKOUT AT 46" A.F.F.
2. AV EQUIPMENT RACK SERVIING MAT GYM. DATA LOCATION SHOWN ADJACENT SHALL BE INSTALLED BEHIND RACK WITHIN RACK KNOCKOUT AT 46" A.F.F.
3. DATA LOCATION TO SERVE BUILDING AUTOMATION SYSTEM CONNECTIVITY. CONFIRM FINAL LOCATION WITH GENERAL CONTRACTOR PRIOR TO INSTALLATION.
4. DATA LOCATION SHALL BE INSTALLED ADJACENT TO ELECTRONIC ACCESS CONTROL ENCLOSURE.



KEYPLAN

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

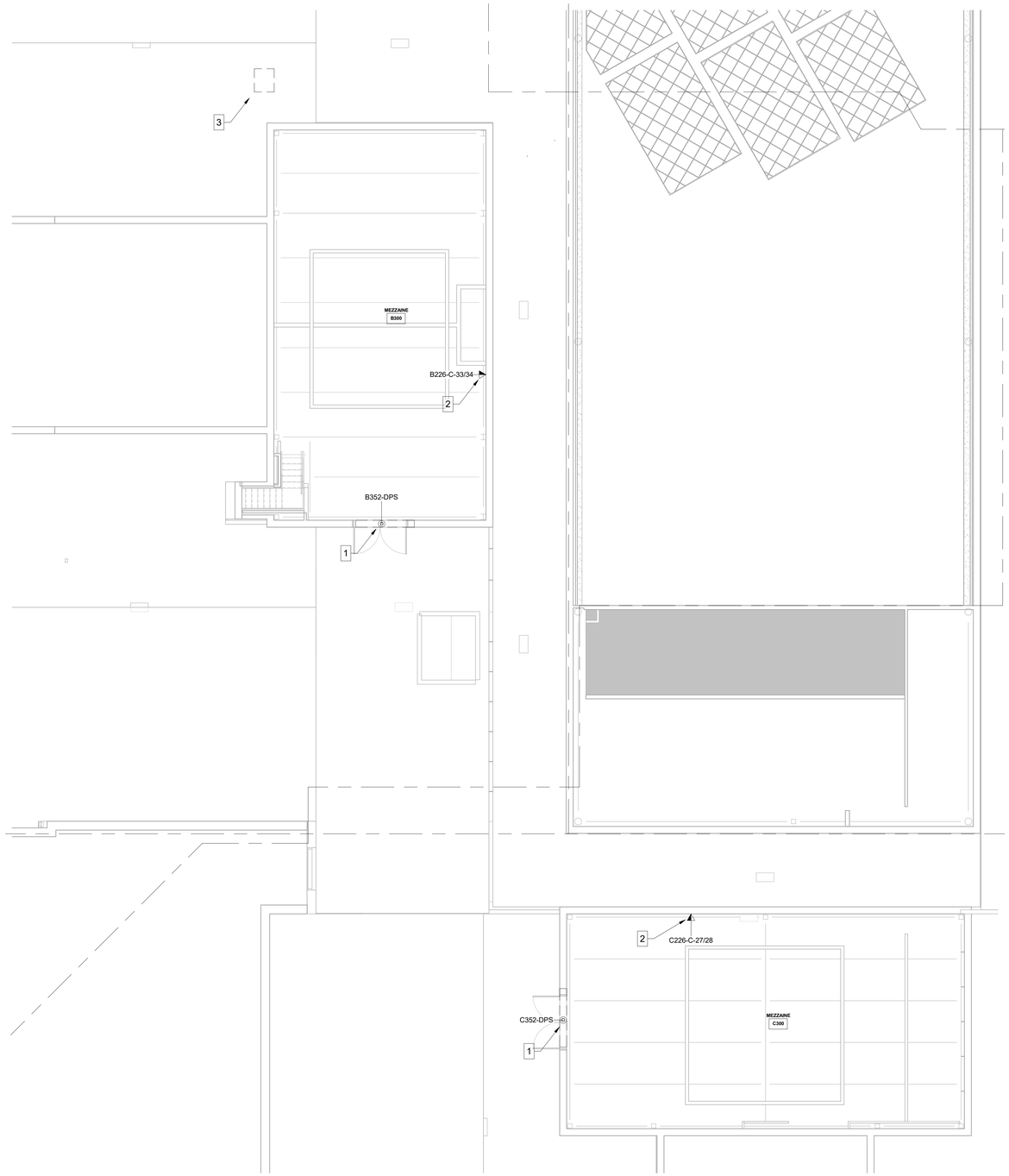
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
SECOND FLOOR TECHNOLOGY PLAN - UNIT G

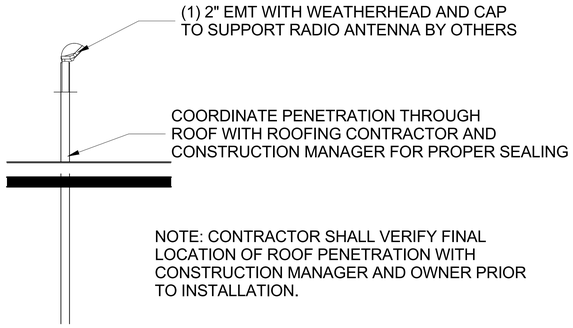
CERTIFIED BY:
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-20
RCDD

DRAWING NUMBER
T202G

PROJECT NUMBER
2023061



1 MEZZANINE LEVEL TECHNOLOGY PLAN
1/8" = 1'-0"



2 ROOF PENETRATION DETAIL
N.T.S.

GENERAL HORIZONTAL CABLING NOTES

A	MINIMUM CATEGORY 6A COMPLIANT 4-PAIR UNSHIELDED TWISTED PAIR (UTP). ALL HORIZONTAL CABLING MUST BE PLENUM RATED.
B	CONTRACTOR SHALL PROVIDE A DOCUMENTED MANUFACTURER CERTIFIED SOLUTION INCLUDING THE MINIMUM PERFORMANCE AND APPLICATIONS WARRANTY.
C	PAINTING OF THE STRUCTURED CABLING WILL VOID THE WARRANTY. ENSURE PROPER COORDINATION WITH PAINTING CONTRACTOR SO THAT ALL STRUCTURED CABLING IS PROTECTED PRIOR TO ANY PAINTING.
D	PROVIDE A MINIMUM 10 FOOT MAINTENANCE LOOP ON EACH HORIZONTAL CABLING RUN. MAINTENANCE LOOPS SHALL BE STORED ABOVE ACCESIBLE CEILINGS, IN CABLE TRAY, AND IN TELECOMMUNICATION ROOM CABLE TRAY. CABLING ABOVE CEILING SHALL BE SUSPENDED FROM APPROPRIATE SUPPORTS AND SHALL NOT TOUCH THE CEILING.
E	ALL PIN/PAIR ASSIGNMENTS SHALL BE T568B.
F	REFER TO SPECIFICATION SECTION 27 15 13 FOR CABLE JACKET COLOR REQUIREMENTS
G	LABELING SHALL BE COMPLETED AS DEFINED IN THE CONTRACT DOCUMENTS AND SHALL BE COORDINATED WITH THE OWNER.
H	PROVIDE ALL TELECOMMUNICATION OUTLETS AS SHOWN ON THE DRAWINGS AND AS REQUIRED TO PROVIDE CONNECTIONS FOR EACH DEVICE SHOWN ON THE DRAWINGS.
I	ALL TESTING OF HORIZONTAL CABLING SHALL BE COMPLETED AS DIRECTED BY THE PROJECT SPECIFICATIONS. ALL CABLING MUST BE TESTED AND CERTIFIED TO THE APPLICABLE STANDARDS.

TECHNOLOGY LEGEND

- BC — BLEACHER CONNECTION LOCATION
- BR — BLUETOOTH RECEIVER LOCATION
- DATA LOCATION
- P — PROJECTOR LOCATION
- DS — DIGITAL SIGNAGE LOCATION
- MON — MONITOR LOCATION
- WAP — WIRELESS ACCESS POINT - WALL MOUNTED
- WAP — WIRELESS ACCESS POINT - CEILING MOUNTED
- MX — AUDIO MIXING LOCATION
- AV — AV INPUT LOCATION - TYPE 1
- AV — AV INPUT LOCATION TYPE 2
- AV — AV INPUT LOCATION TYPE 3
- AV RACK — AV EQUIPMENT RACK LOCATION
- CAM — VIDEO CAMERA LOCATION
- CAS — CLASSROOM AUDIO SYSTEM LOCATION
- HA — HEARING ASSISTANCE ANTENNA LOCATION
- LJ — LOUDSPEAKER JUNCTION BOX LOCATION
- MIC — MICROPHONE INPUT LOCATION
- PAGE — PAGING SPEAKER - WALL MOUNTED
- PROGRAM SPEAKER - WALL MOUNTED
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- TP — TABLE TOP TOUCH PANEL LOCATION
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- WM — WIRELESS MICROPHONE ANTENNA LOCATION
- CR — CARD READER LOCATION
- CR — CARD READER - MULLION MOUNTED
- DPS — DOOR POSITION SENSOR LOCATION
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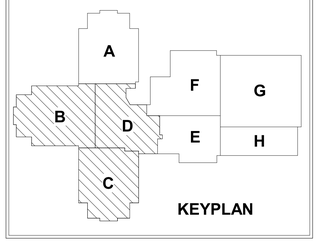
- VI — VIDEO INTERCOM DOOR STATION

SHEET NOTES

1. DOOR POSITION SENSOR SHALL BE INSTALLED IN ROOD ACCESS DOOR.
2. DATA LOCATION TO SERVE BAS CONNECTIVITY. CONFIRM FINAL LOCATION WITH CM.
3. APPROXIMATE LOCATION OF ROOF PENETRATION TO SERVE O.F.O.I. BUS RADIO ANTENNA. CONFIRM FINAL LOCATION WITH CONSTRCUTION MANAGER AND OWNER PRIOR TO INSTALLATION.



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PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

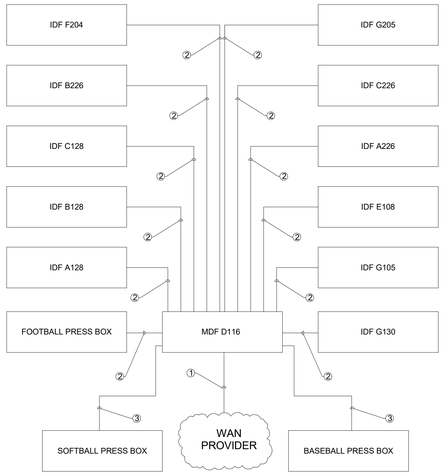
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
MEZZANINE LEVEL TECHNOLOGY PLAN

CERTIFIED BY:
BICSI REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-26
RCDD

DRAWING NUMBER
T203B/C

PROJECT NUMBER
2023061



1 TELECOM RISER CABLING DIAGRAM
N.T.S.

(#) RISER LEGEND: (THIS DETAIL)

1. OSP RATED FIBER OPTIC CABLING BY OTHERS.
2. 6 STRAND OS2 SINGLE MODE FIBER OPTIC CABLE.
3. INDOOR/OUTDOOR RATED 6 STRAND OS2 SINGLE MODE FIBER OPTIC CABLE.

RISER NOTES (THIS DETAIL)

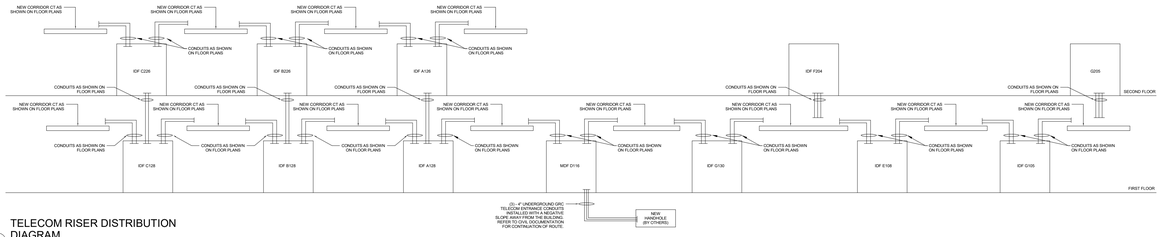
1. UNLESS OTHERWISE NOTED, RISER TERMINATIONS SHALL BE AS FOLLOWS:

A) SINGLE MODE FIBER OPTIC CABLE WILL BE TERMINATED WITH LC CONNECTORS IN PATCH PANELS WITHIN FIBER ENCLOSURE IN THE RACKS AT EACH END.

2. RISER CABLES ENTERING MDF AND TELECOMMUNICATIONS ROOM(S) SHALL CONTINUE WITHIN EACH ROOM TO THEIR SPECIFIED TERMINATION POINT WITH ADEQUATE SERVICE LOOP (MINIMUM 10' COILED IN THE LADDER TRAY AT EACH END).

3. FIBER LABELING AT A MINIMUM SHALL CLARIFY THE TYPE OF FIBER OPTIC CABLE, THE STRAND QUANTITY, AND THE LOCATION (ROOM #, RACK #, AND ENCLOSURE LABEL).

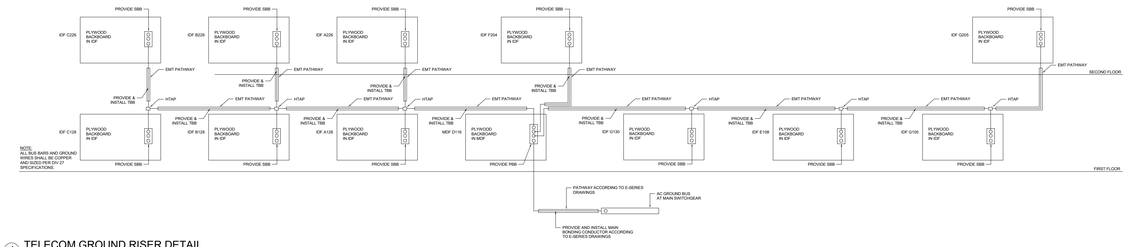
4. CONTRACTOR SHALL CONFIRM RISER CABLE LABELING WITH OWNER PRIOR TO INSTALLATION. LABELING SHALL BE CLEARLY PRINTED ON FIBER ENCLOSURE AND CABLING.



2 TELECOM RISER DISTRIBUTION DIAGRAM
N.T.S.

NOTE: REFER TO SPECIFICATION SECTION 27 05 26 FOR ADDITIONAL GROUNDING DETAIL

3 TELECOM TYPICAL GROUND DETAIL
N.T.S.



4 TELECOM GROUND RISER DETAIL
N.T.S.

CONDUCTOR SIZING

Recommended Sizing of the Telecommunications Bonding Backbone Conductor (TBBC) and Grounding Equalizer (GE) per J-STD-607-B

The TBBC, BC, and BCT shall be copper conductors. The TBBC shall be sized according to Table 2 and shall not be required to be a maximum size of a 750 kcmil. The TBBC may be insulated. The Bonding conductor for Telecommunications (BCT) and Bonding conductor (BC) shall be sized as a minimum, the same size as the largest TBBC used (1).

TBBC LENGTH LINEAR M (FT)	TBBC SIZE (AWG)
LESS THAN 4(13')	6
4-6 (13'-20')	4
6-8 (21-26')	3
8-10 (27-33')	2
10-12 (33-40')	1
12-16 (39-52')	1/0
16-20 (53-66')	2/0
20-26 (67-84')	3/0
26-32 (85-105')	4/0
32-38 (106-125')	250 kcmil
38-46 (126-150')	350 kcmil
46-53 (151-175')	350 kcmil
53-61 (176-200')	500 kcmil
79-91 (201-300')	600 kcmil
Greater than 91 (301')	750 kcmil

The TEBC minimum conductor size shall be a No. 6 AWG.

(1) Telecommunications Industry Association, Commercial Building Grounding (Earthing) and Bonding Requirements For Telecommunications, J-STD-607-B, September 2011.

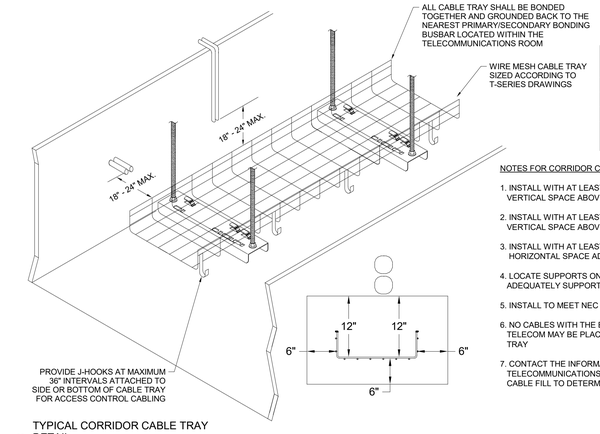
GROUNDING SYSTEM NOTES: (THIS DETAIL)

A- TBBC, TEBC, AND BC GROUNDING CONDUCTORS MUST BE INSTALLED IN COMPLIANCE WITH NEC 800.100 (D) (2) WHEN INSTALLATION IN METALLIC CONDUIT IF RUN THROUGH PLENUM CEILING CAVITIES.

B- GROUNDING CONDUCTORS RUN THROUGH A CONDUIT SHALL BE BONDED TO THE CONDUIT AT EACH END.

C- ALL GROUND CONDUCTORS SHALL BE INSTALLED IN THE SHORTEST AND MOST DIRECT PATH PRACTICAL.

D- WHERE THE ENTRANCE FACILITY IS LOCATED IN THE ER, THE PBB SHALL ALSO SERVE AS THE ABB FOR THE ROOM. THE TBBCS REQUIRED FROM THE ER TO EACH TR ALONG THE BACKBONE CABLE PATH WILL ALSO BE USED TO CONNECT THE SBBs TO THE PBB.



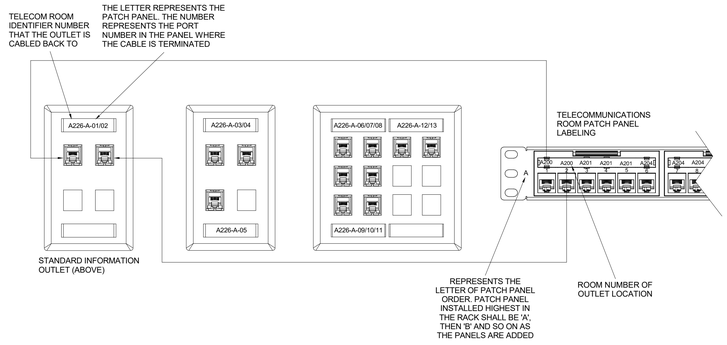
5 TYPICAL CORRIDOR CABLE TRAY DETAIL
N.T.S.

WIRE MESH CABLE TRAY - CATEGORY 6A CABLE 40% FILL RATIO - - 0.275" OD CABLE

TRAY SIZE (IN)	CABLE QUANTITY
6 x 4	161 CABLES
12 x 4	322 CABLES
18 x 4	485 CABLES
24 x 4	645 CABLES

NOTES FOR CORRIDOR CABLE TRAY DISTRIBUTION

1. INSTALL WITH AT LEAST 12 INCHES OF CLEAR VERTICAL SPACE ABOVE THE CABLE TRAY
2. INSTALL WITH AT LEAST 6 INCHES OF CLEAR VERTICAL SPACE ABOVE THE CEILING TILES
3. INSTALL WITH AT LEAST 6 INCHES OF CLEAR HORIZONTAL SPACE ADJACENT TO THE CABLE TRAY
4. LOCATE SUPPORTS ON 4 FT TO 5 FT CENTERS TO ADEQUATELY SUPPORT AND DISTRIBUTE CABLE WEIGHT
5. INSTALL TO MEET NEC ARTICLE 318
6. NO CABLES WITH THE EXCEPTION OF TELECOM MAY BE PLACED ON THE CABLE TRAY
7. CONTACT THE INFORMATION TECHNOLOGY TELECOMMUNICATIONS DEPARTMENT WITH CABLE TRAY CABLE FILL TO DETERMINE LOAD CAPACITY OF THE SYSTEM



6 TYPICAL DEVICE LABELING DETAIL
N.T.S.

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

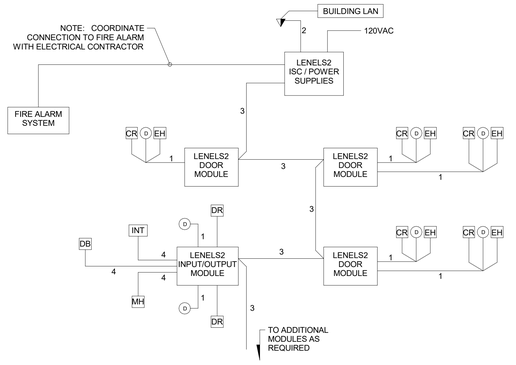
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
TELECOM DIAGRAMS

CERTIFIED BY:
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-26
RCDD

DRAWING NUMBER
T300

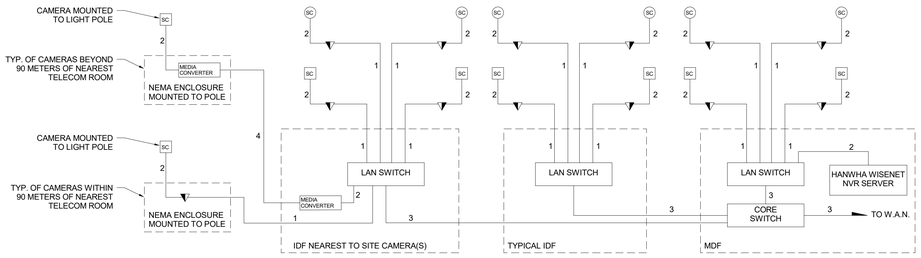
PROJECT NUMBER
2023061



ACCESS CONTROL FUNCTIONAL DIAGRAM
1 N.T.S.

CABLING LEGEND (THIS DETAIL)	
1	NEW COMPOSITE ACCESS CONTROL CABLE
2	NEW CAT 6A PATCH CABLE (BY DIVISION 27)
3	NEW RS-485 CABLE
4	NEW 18/2 PLENUM CABLE

SYMBOL LEGEND (THIS DETAIL)	
	DATA LOCATION
CR	CARD READER
D	DOOR POSITION SENSOR
EH	ELECTRONIC LOCKING HARDWARE
DB	DURESS BUTTON FOR LOCKDOWN
DR	DOOR RELEASE BUTTON
INT	INTERCOM DOOR STATION
MH	MAGNETIC HOLD OPEN DEVICE



VIDEO SECURITY SYSTEM FUNCTIONAL DIAGRAM
2 N.T.S.

CABLING LEGEND (THIS DETAIL)	
1	NEW UTP CABLE (BY DIVISION 27)
2	NEW UTP PATCH CABLE (BY DIVISION 27)
3	NEW FIBER CABLING (BY DIVISION 27)
4	NEW POWERED FIBER-OPTIC/COPPER HYBRID CABLING (BY DIVISION 27)

SYMBOL LEGEND (THIS DETAIL)	
	DATA JACK WITHIN BACK BOX
SC	WALL MOUNT CAMERA LOCATION
SC	CEILING MOUNT CAMERA LOCATION
POE T	POE COPPER EXTENDER - TRANSMITTER
POE R	POE COPPER EXTENDER - RECEIVER

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REVISIONS:

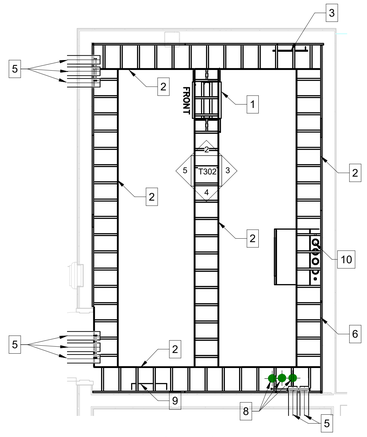
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
SECURITY DIAGRAMS

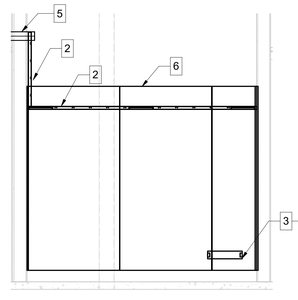
CERTIFIED BY:
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-26
RCDD

DRAWING NUMBER
T301

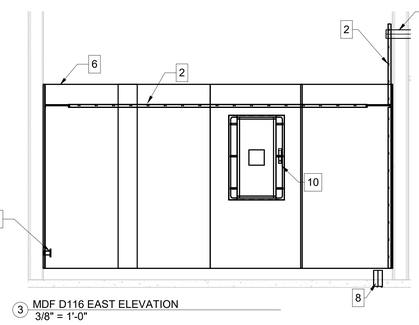
PROJECT NUMBER
2023061



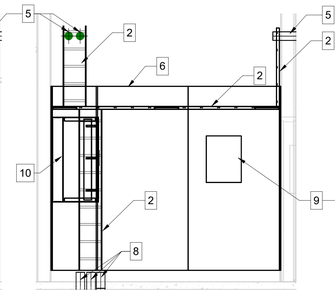
1 MDF D116 ENLARGED LAYOUT
3/8" = 1'-0"



2 MDF D116 NORTH ELEVATION
3/8" = 1'-0"



3 MDF D116 EAST ELEVATION
3/8" = 1'-0"



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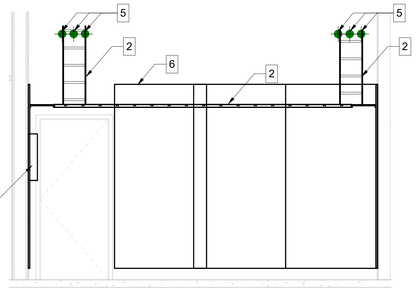
3/8" = 1'-0"



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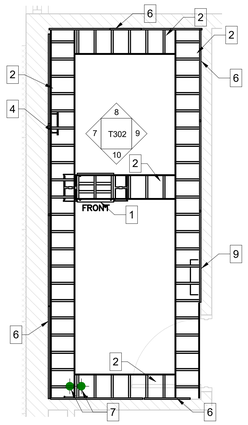
3/8" = 1'-0"



6 IDF F204 ENLARGED LAYOUT
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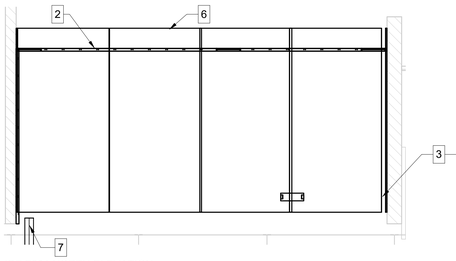
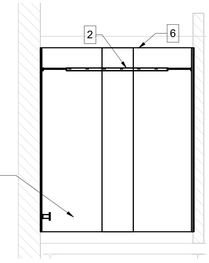
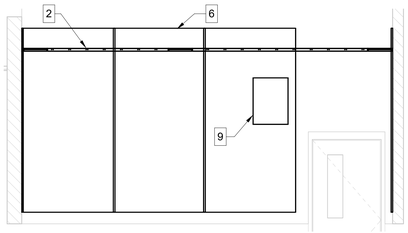


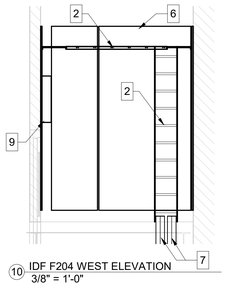
7 IDF F204 NORTH ELEVATION
3/8" = 1'-0"



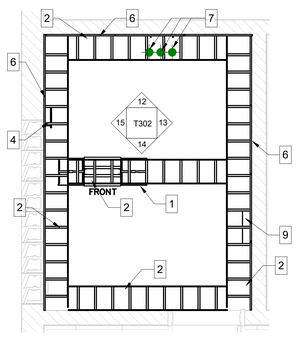
8 IDF F204 EAST ELEVATION
3/8" = 1'-0"



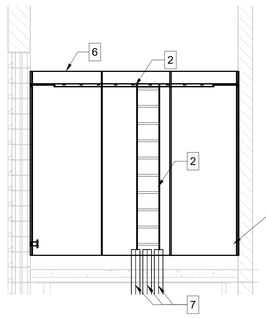
9 IDF F204 SOUTH ELEVATION
3/8" = 1'-0"



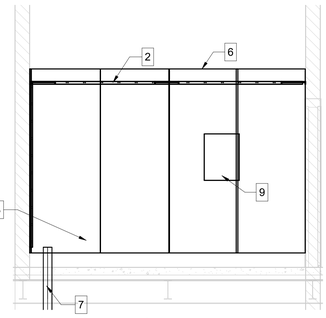
10 IDF F204 WEST ELEVATION
3/8" = 1'-0"



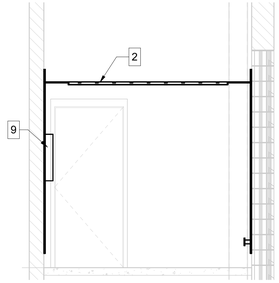
11 IDF G205 ENLARGED LAYOUT
3/8" = 1'-0"



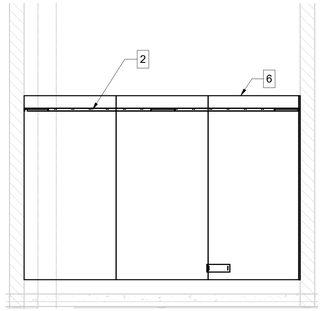
12 IDF G205 NORTH ELEVATION
3/8" = 1'-0"



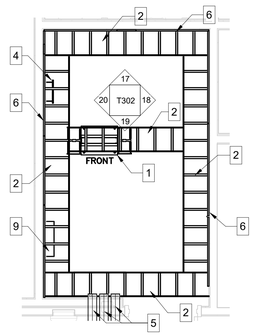
13 IDF G205 EAST ELEVATION
3/8" = 1'-0"



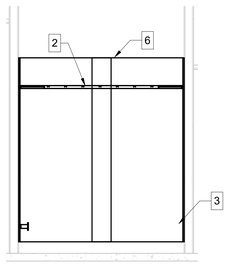
14 IDF G205 SOUTH ELEVATION
3/8" = 1'-0"



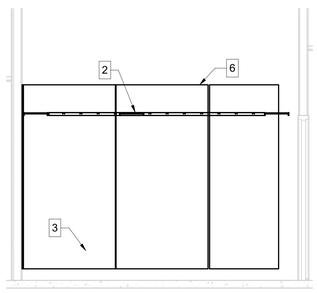
15 IDF G205 WEST ELEVATION
3/8" = 1'-0"



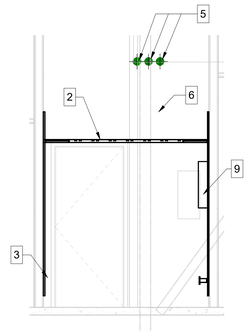
16 IDF E108 ENLARGED LAYOUT
3/8" = 1'-0"



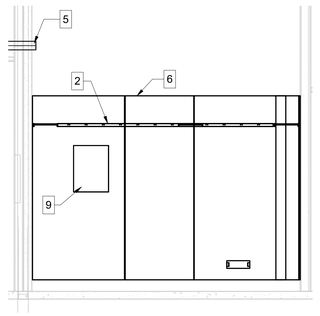
17 IDF E108 NORTH ELEVATION
3/8" = 1'-0"



18 IDF 108 EAST ELEVATION
3/8" = 1'-0"



19 IDF 108 SOUTH ELEVATION
3/8" = 1'-0"



20 IDF 108 WEST ELEVATION
3/8" = 1'-0"

ENLARGED TELECOM ROOM NOTES

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4 SECONDARY BONDING BUSBAR.
5 HORIZONTAL CONDUIT LOCATION.
6 TR PLYWOOD MOUNTED VERTICALLY FROM 0' - 6" AFF - 8' - 6" AFF.
7 RISER CONDUIT LOCATION.
8 TELECOMMUNICATIONS ENTRANCE CONDUIT LOCATION.
9 ELECTRONIC ACCESS CONTROL ENCLOSURE.
10 AV EQUIPMENT RACK LOCATION.

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46205
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
ENLARGED TR LAYOUTS / ELEVATIONS

CERTIFIED BY:
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-26
RCDD

DRAWING NUMBER
T302

PROJECT NUMBER
2023061

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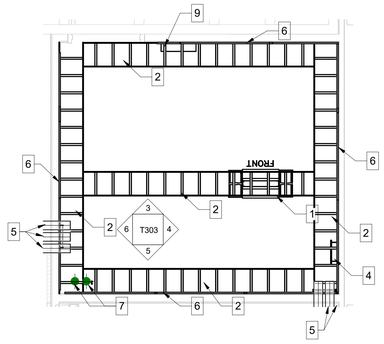
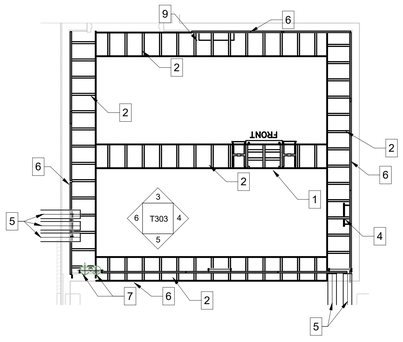


1 IDF A226 ENLARGED LAYOUT
3/8" = 1'-0"



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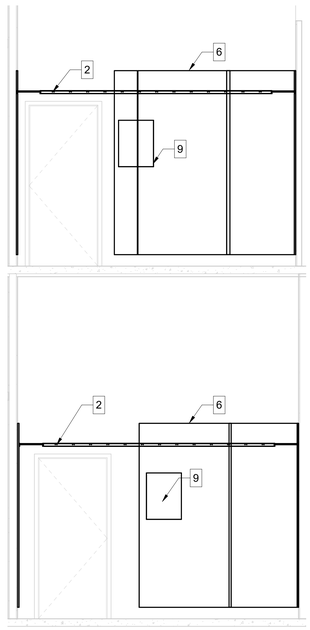
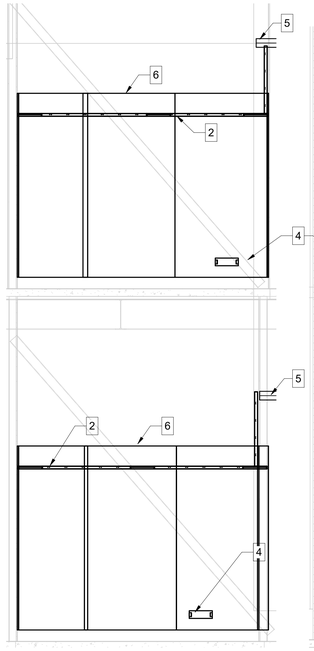


3 STACKED IDF A128/A226 NORTH ELEVATION
3/8" = 1'-0"



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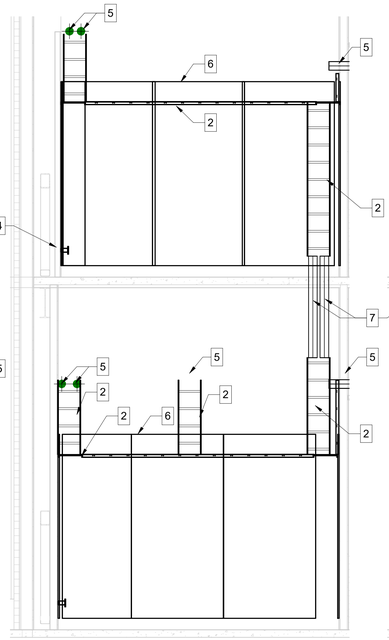
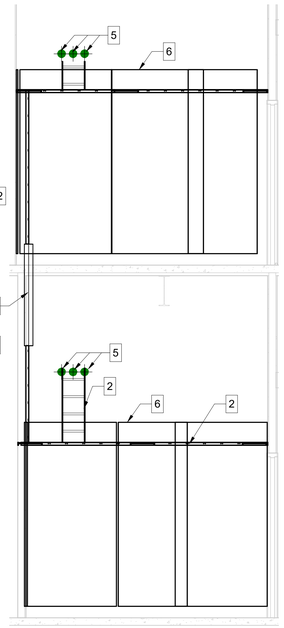
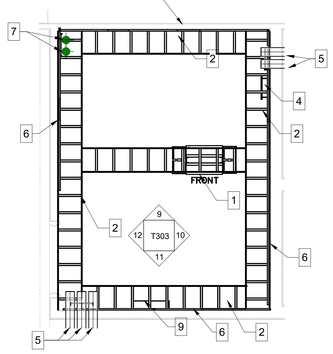
3/8" = 1'-0"



5 STACKED IDF A128/A226 SOUTH ELEVATION
3/8" = 1'-0"



6 STACKED IDF A128/A226 WEST ELEVATION
3/8" = 1'-0"



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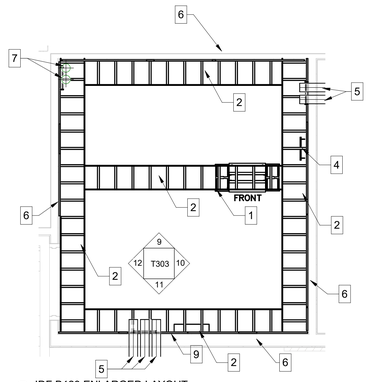
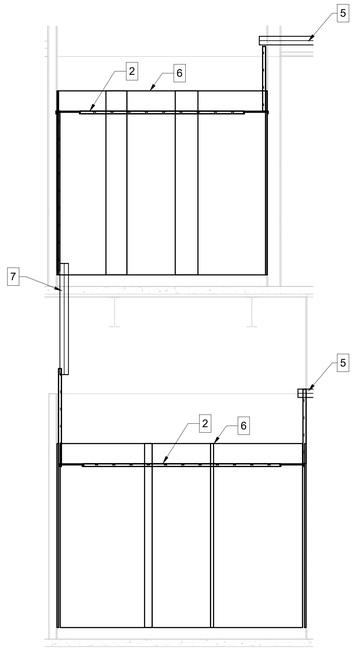
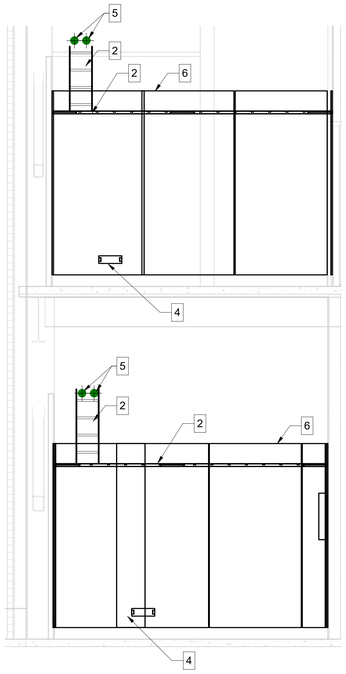
3/8" = 1'-0"



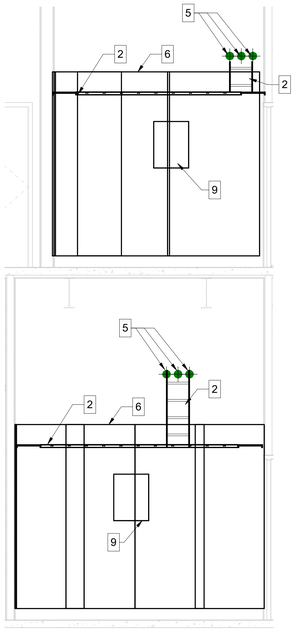
8 IDF B128 ENLARGED LAYOUT
3/8" = 1'-0"



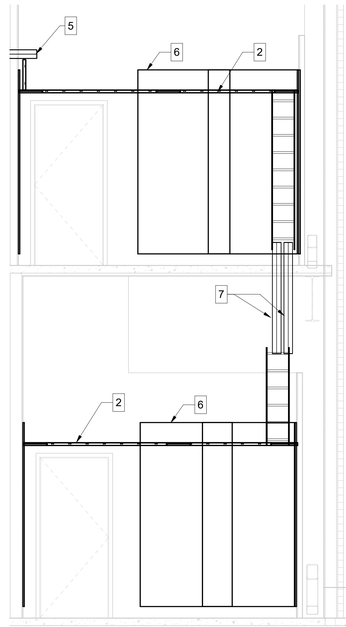
9 STACKED IDF B128/B226 NORTH ELEVATION
3/8" = 1'-0"



10 STACKED IDF B128/B226 EAST ELEVATION
3/8" = 1'-0"



11 STACKED IDF B128/B226 SOUTH ELEVATION
3/8" = 1'-0"



12 STACKED IDF B128/B226 WEST ELEVATION
3/8" = 1'-0"

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08/09/2024	MKD	MRF

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CERTIFIED BY:
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-26
RCDD

DRAWING NUMBER
T303

PROJECT NUMBER
2023061

ENLARGED TELECOM ROOM NOTES

1 2-POST TELECOM RACK.
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3 PRIMARY BONDING BUSBAR.
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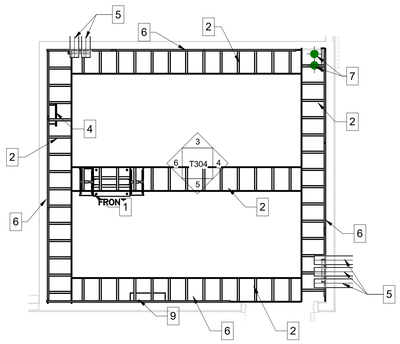

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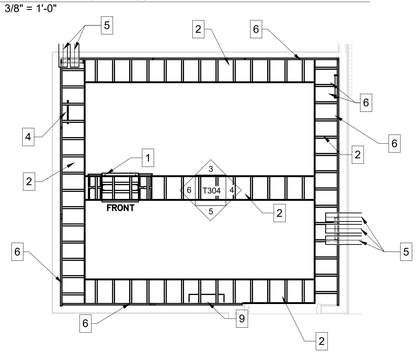
3/8" = 1'-0"



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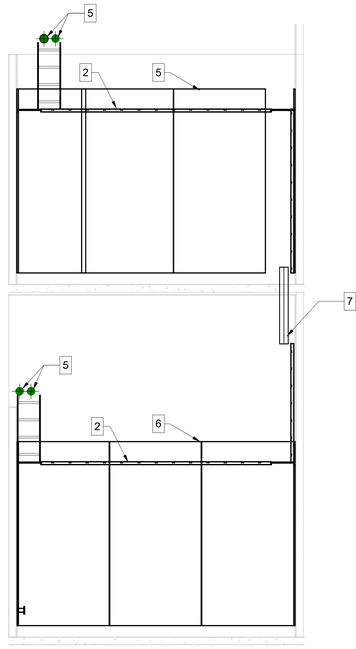
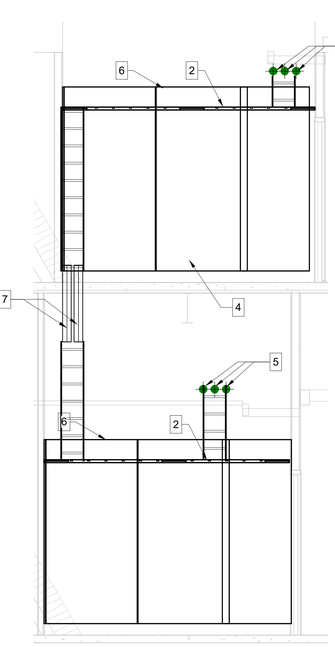
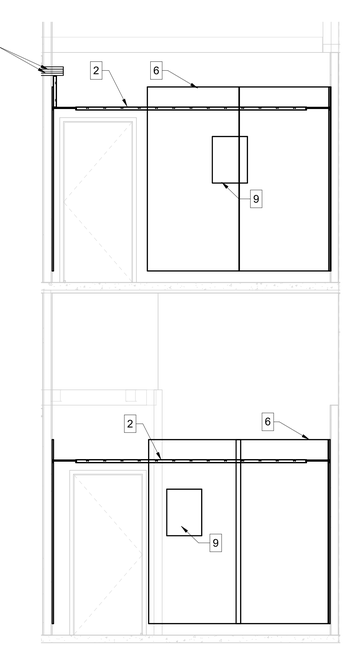


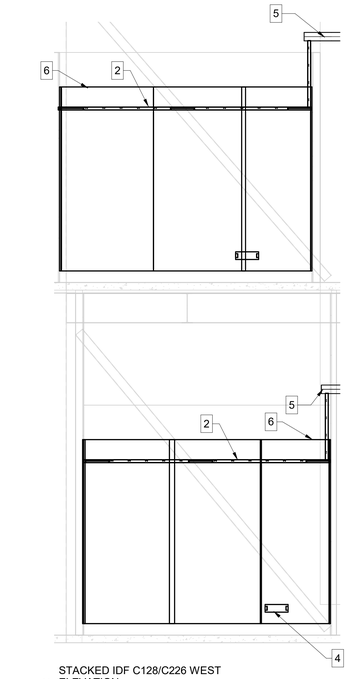
3 STACKED IDF C128/C226 NORTH ELEVATION
3/8" = 1'-0"



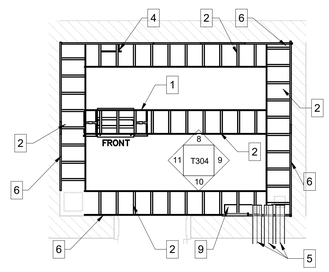
4 STACKED IDFC128/C226 EAST ELEVATION
3/8" = 1'-0"



5 STACKED IDF C128/C226 SOUTH ELEVATION
3/8" = 1'-0"



6 STACKED IDF C128/C226 WEST ELEVATION
3/8" = 1'-0"



7 IDF G105 ENLARGED LAYOUT
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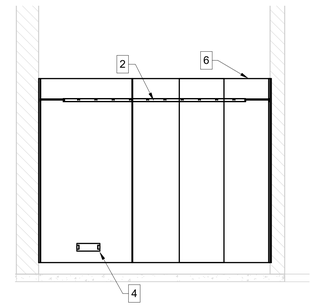
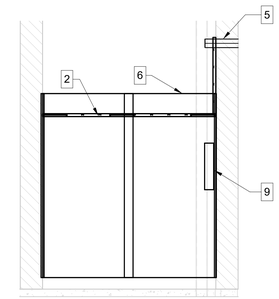
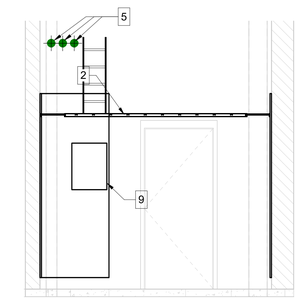


8 IDF G105 NORTH ELEVATION
3/8" = 1'-0"



9 IDF G105 EAST ELEVATION
3/8" = 1'-0"



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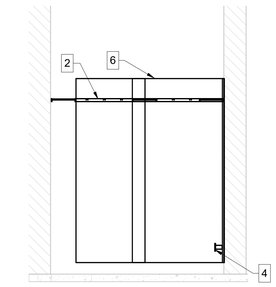
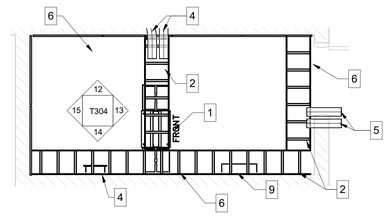
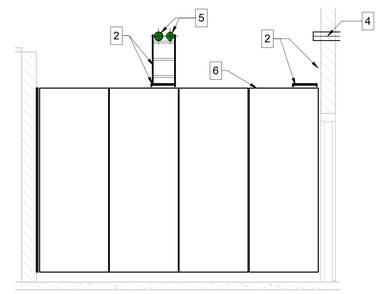
3/8" = 1'-0"



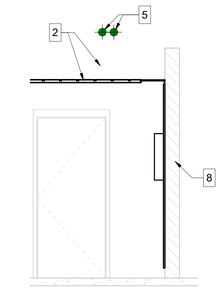
11 IDF G105 WEST ELEVATION
3/8" = 1'-0"



16 IDF G130 ENLARGED LAYOUT
3/8" = 1'-0"



12 IDF G130 NORTH ELEVATION
3/8" = 1'-0"



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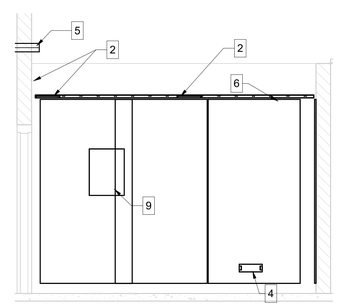
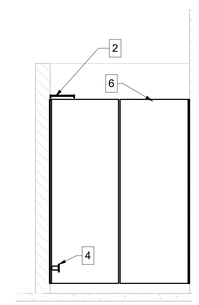
3/8" = 1'-0"



14 IDF G130 SOUTH ELEVATION
3/8" = 1'-0"



15 IDF G130 WEST ELEVATION
3/8" = 1'-0"

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08/09/2024	MKD	MRF

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CERTIFIED BY:
BICSI REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
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BICSI ID # 1234608
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T304

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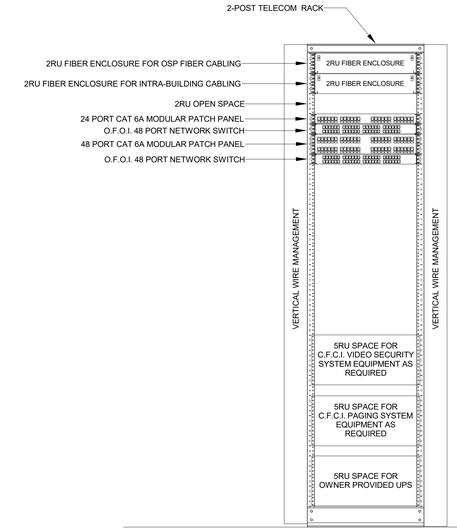
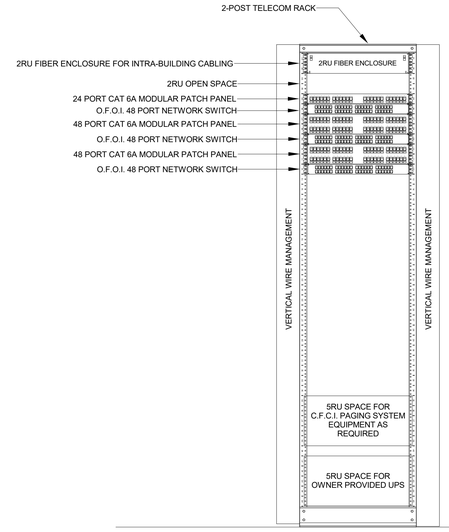


1 MDF D116 RACK ELEVATION
N.T.S.



2 IDF A128 RACK ELEVATION
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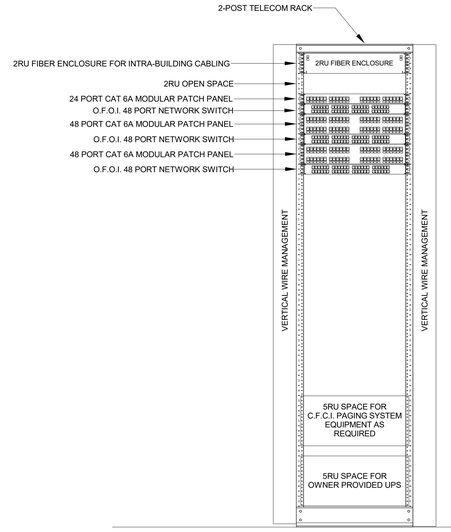

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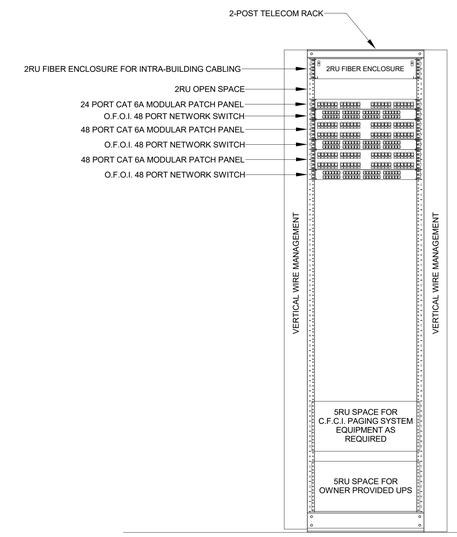

4 IDF B128 RACK ELEVATION
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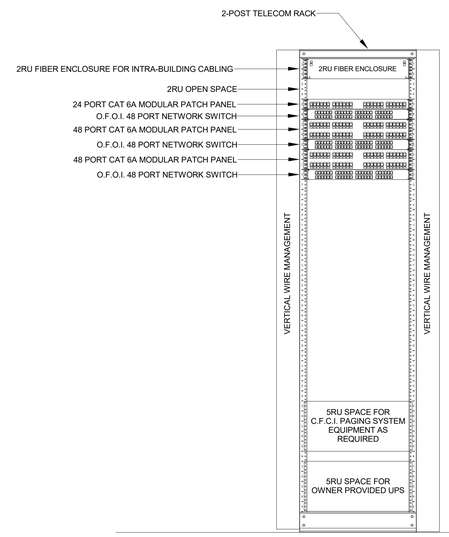

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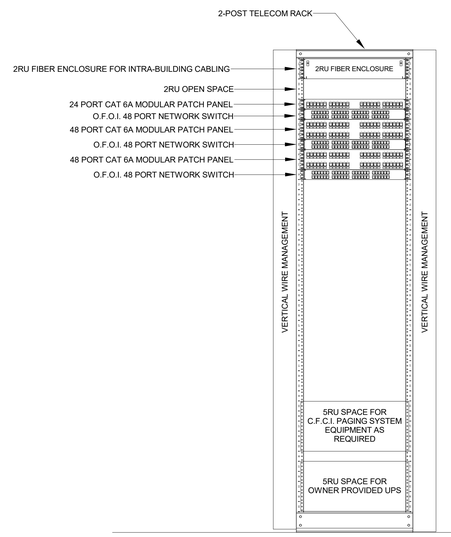

6 IDF C128 RACK ELEVATION
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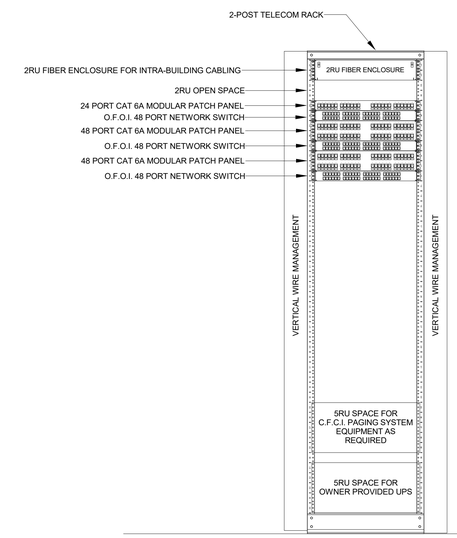

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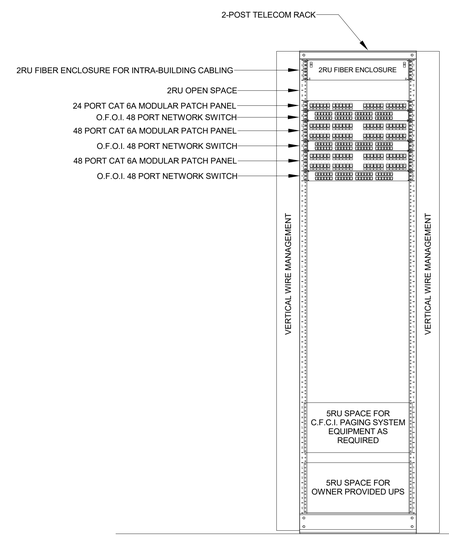

8 IDF E108 RACK ELEVATION
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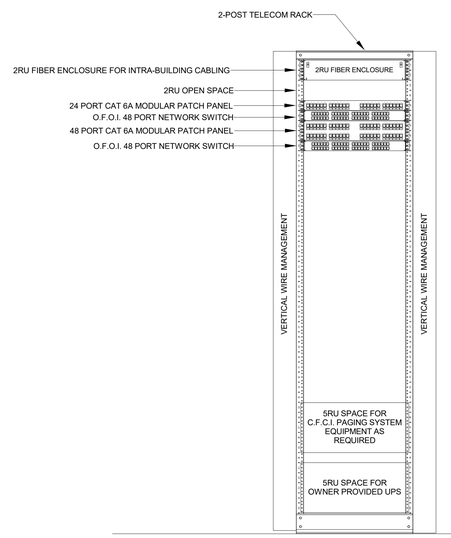

9 IDF F204 RACK ELEVATION
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46205
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of spaces and the types of construction required and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
The Trade Contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

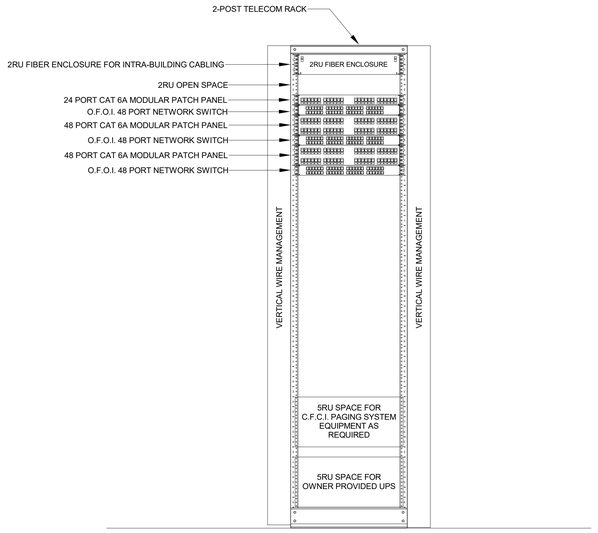
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
TELECOM RACK ELEVATIONS

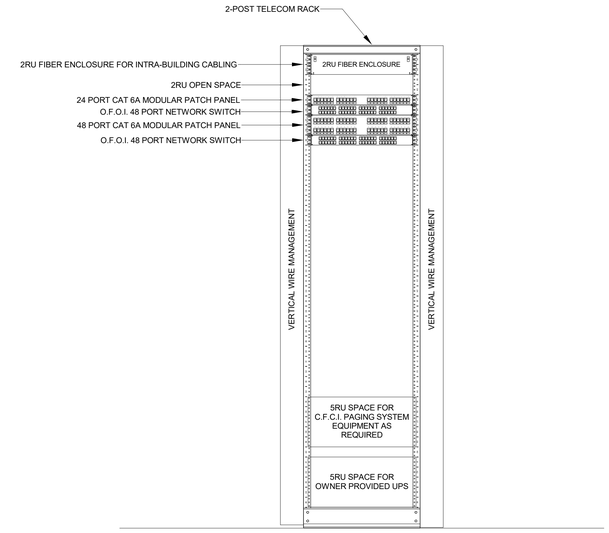
CERTIFIED BY:
BICSI REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-26
RCDD

DRAWING NUMBER
T305

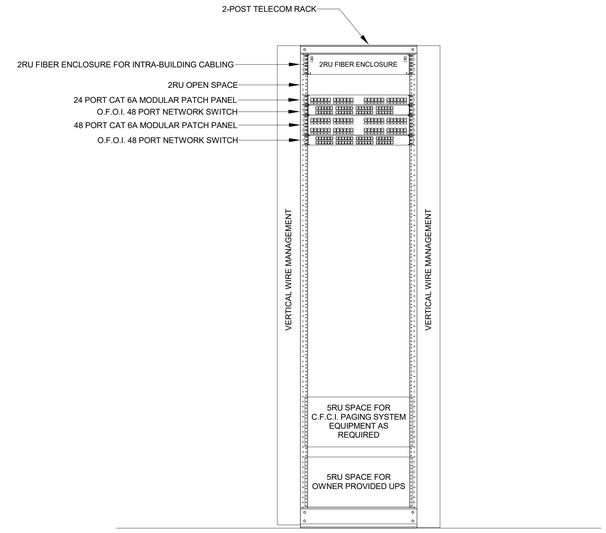
PROJECT NUMBER
2023061



1 IDF G106 RACK ELEVATION
N.T.S.



2 IDF G130 RACK ELEVATION
N.T.S.



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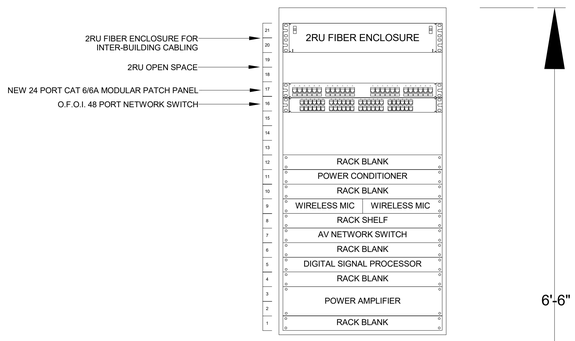
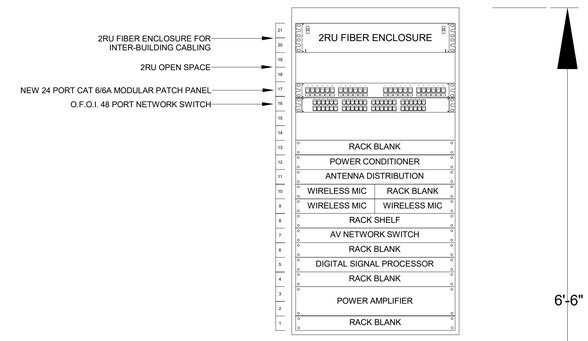


4 BASEBALL PRESS BOX WALL EQUIPMENT CABINET ELEVATION
N.T.S.



5 FOOTBALL PRESS BOX WALL EQUIPMENT CABINET ELEVATION
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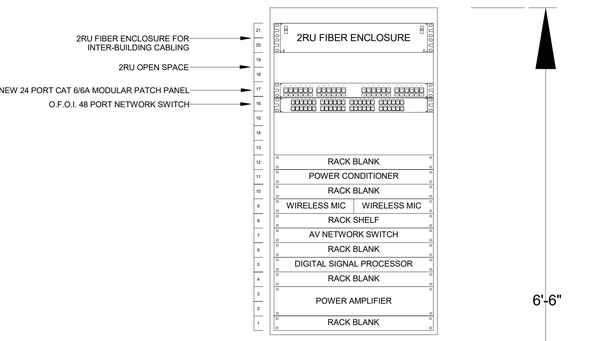

6 SOFTBALL PRESS BOX WALL EQUIPMENT CABINET ELEVATION
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of construction and materials to be employed.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
It is the basis of the general scope indicated or described, the trade contractor shall install or furnish all items required for the proper execution and completion of the work.

REVISIONS:

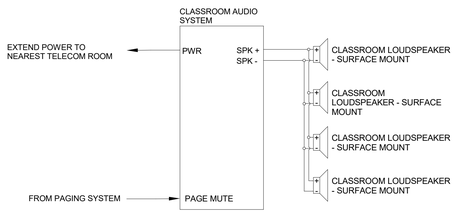
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
TELECOM RACK ELEVATIONS

CERTIFIED BY:
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-26
RCDD

DRAWING NUMBER
T306

PROJECT NUMBER
2023061



1 TYPICAL ACTIVITY COMMONS AV DIAGRAM
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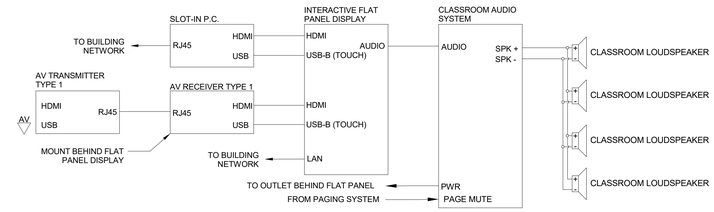

2 TYPICAL CLASSROOM AV DIAGRAM
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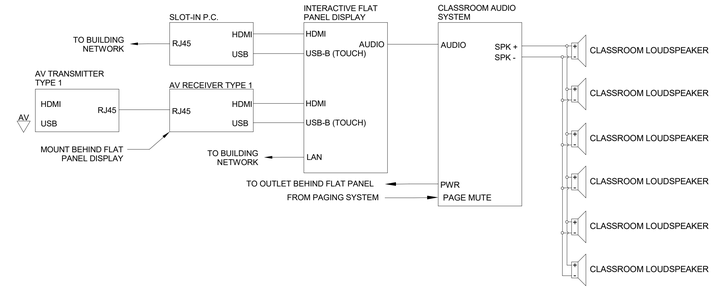

3 TYPICAL LAB AV DIAGRAM
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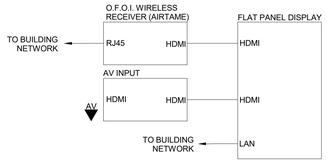

4 TYPICAL CONFERENCE ROOM AV DIAGRAM
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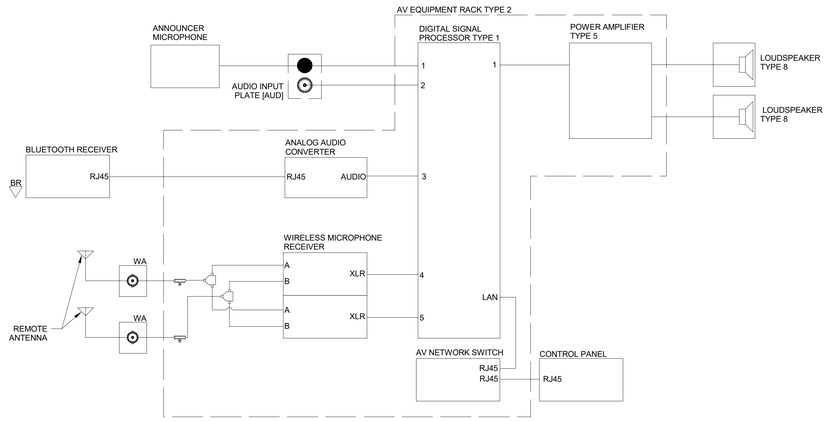
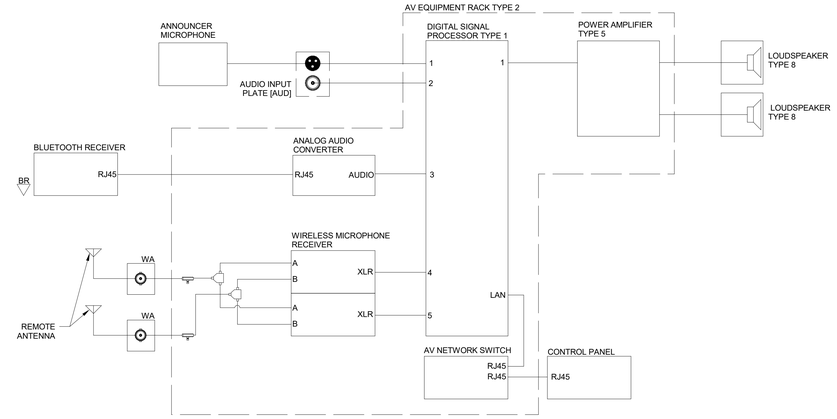
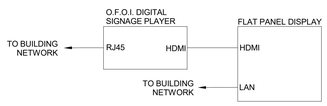


5 SOFTBALL PRESSBOX AUDIO SYSTEM FUNCTIONAL
N.T.S.



6 BASEBALL PRESSBOX AUDIO SYSTEM FUNCTIONAL
N.T.S.



7 DIGITAL SIGNAGE AV DIAGRAM
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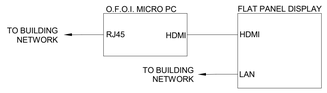
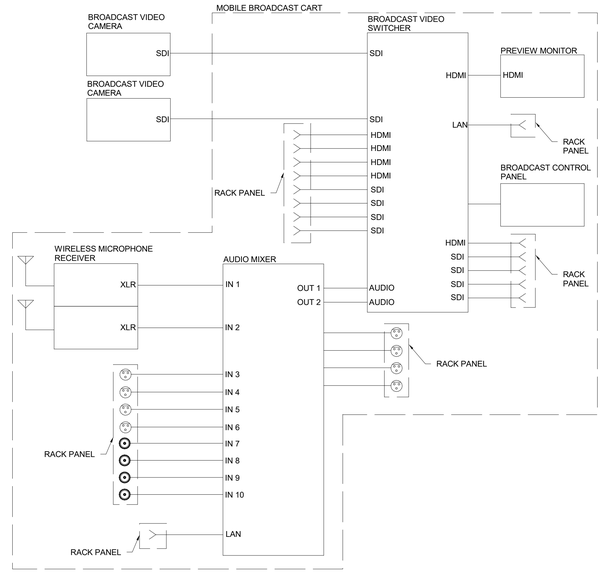


8 KITCHEN SECURITY CAMERA VIEWING AV DIAGRAM
N.T.S.

*NOTE: MICRO PC SHALL BE CONFIGURED WITHIN VMS SYSTEM TO VIEW ONLY THE SECURITY CAMERA VIEWING THE LOADING DOCK DOOR. VIEW SHALL BE DISPLAYED ON MONITOR WITHIN KITCHEN.



9 INNOVATION LAB GREEN ROOM AV DIAGRAM
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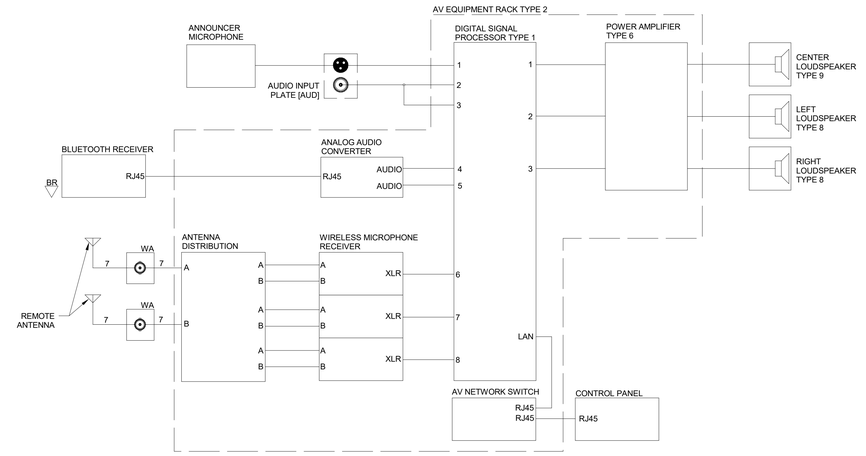

10 FOOTBALL PRESSBOX AUDIO SYSTEM FUNCTIONAL
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. The Contract Documents are complementary to describe all work required for full performance and completion of the requirements of the Contract.
The Trade Contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

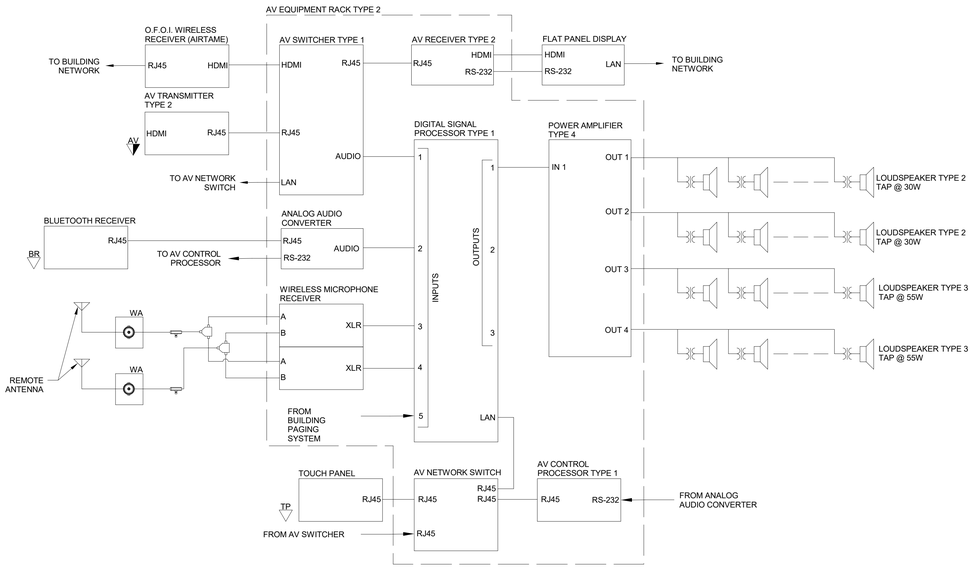
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
AV DIAGRAMS

CERTIFIED BY:
BICSI REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-20
RCDD

DRAWING NUMBER
T307

PROJECT NUMBER
2023061



1 WEIGHT GYM AV DIAGRAM
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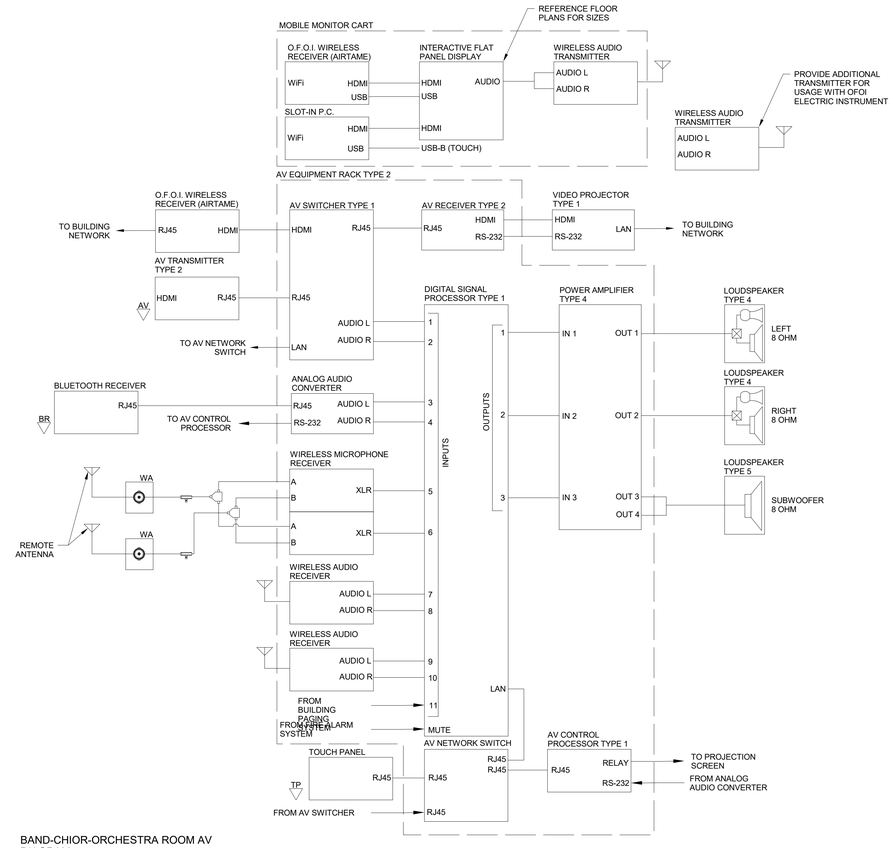

2 BAND-CHIOR-ORCHESTRA ROOM AV DIAGRAM
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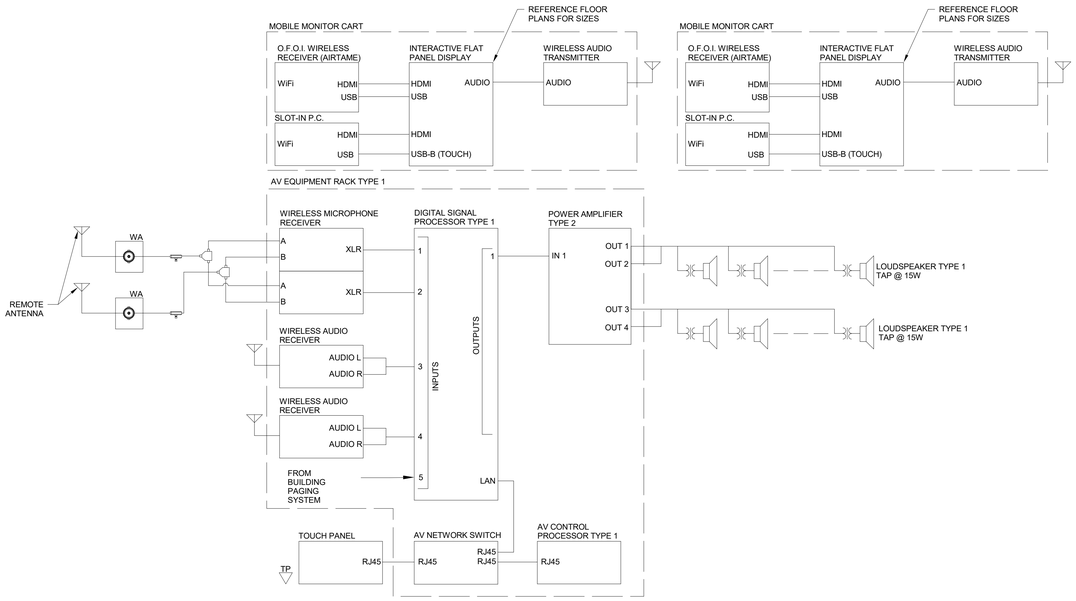

3 CAFETERIA AV DIAGRAM
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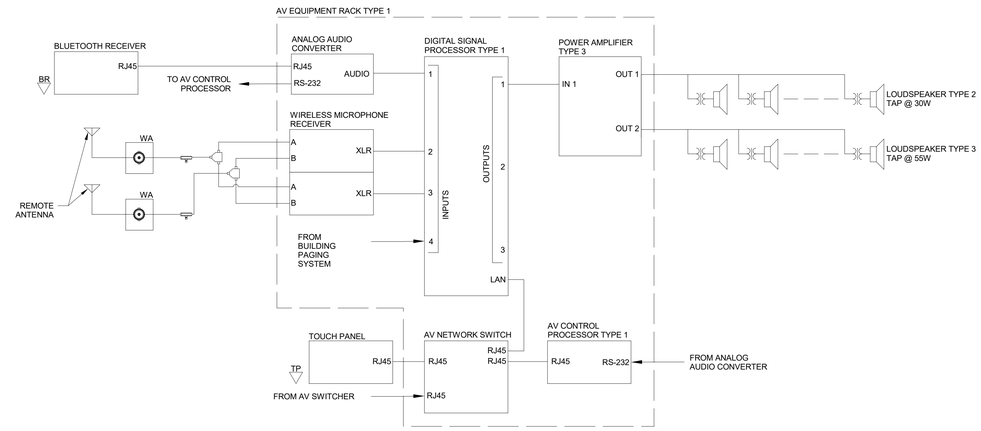

4 MAT GYM AV DIAGRAM
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. They are not intended to be construction drawings or describe all work required for full performance and completion of the requirements of the Contract.
To the extent that additional scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

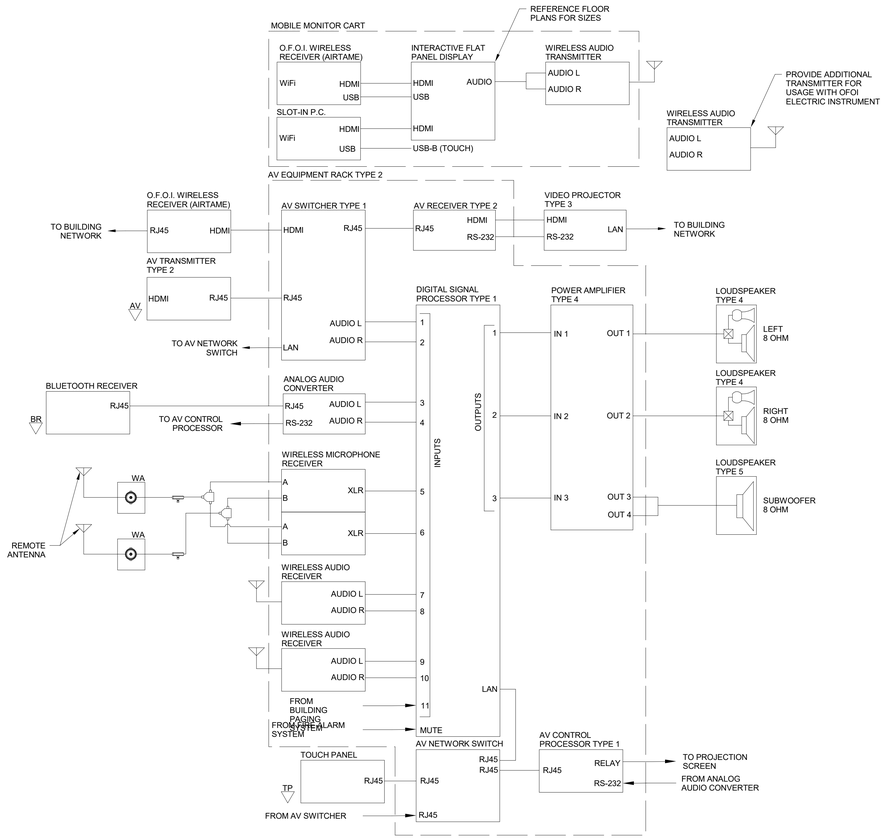
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
AV DIAGRAMS

CERTIFIED BY:
BICSI REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-25
RCDD

DRAWING NUMBER
T308

PROJECT NUMBER
2023061



1 MUSIC MULTIPURPOSE AV DIAGRAM
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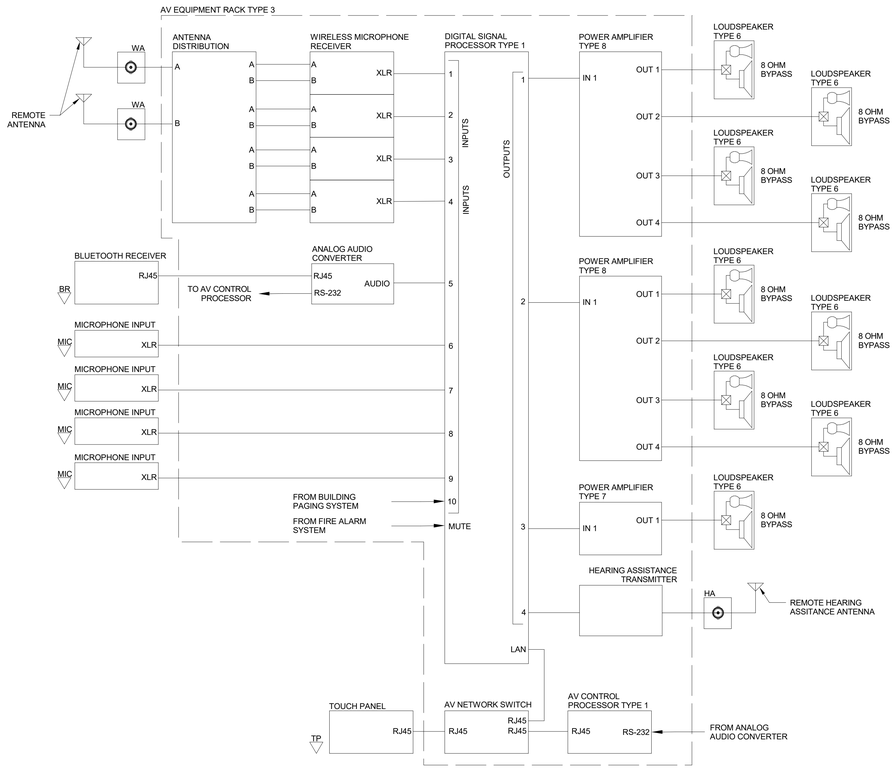

2 MAIN GYM AV DIAGRAM
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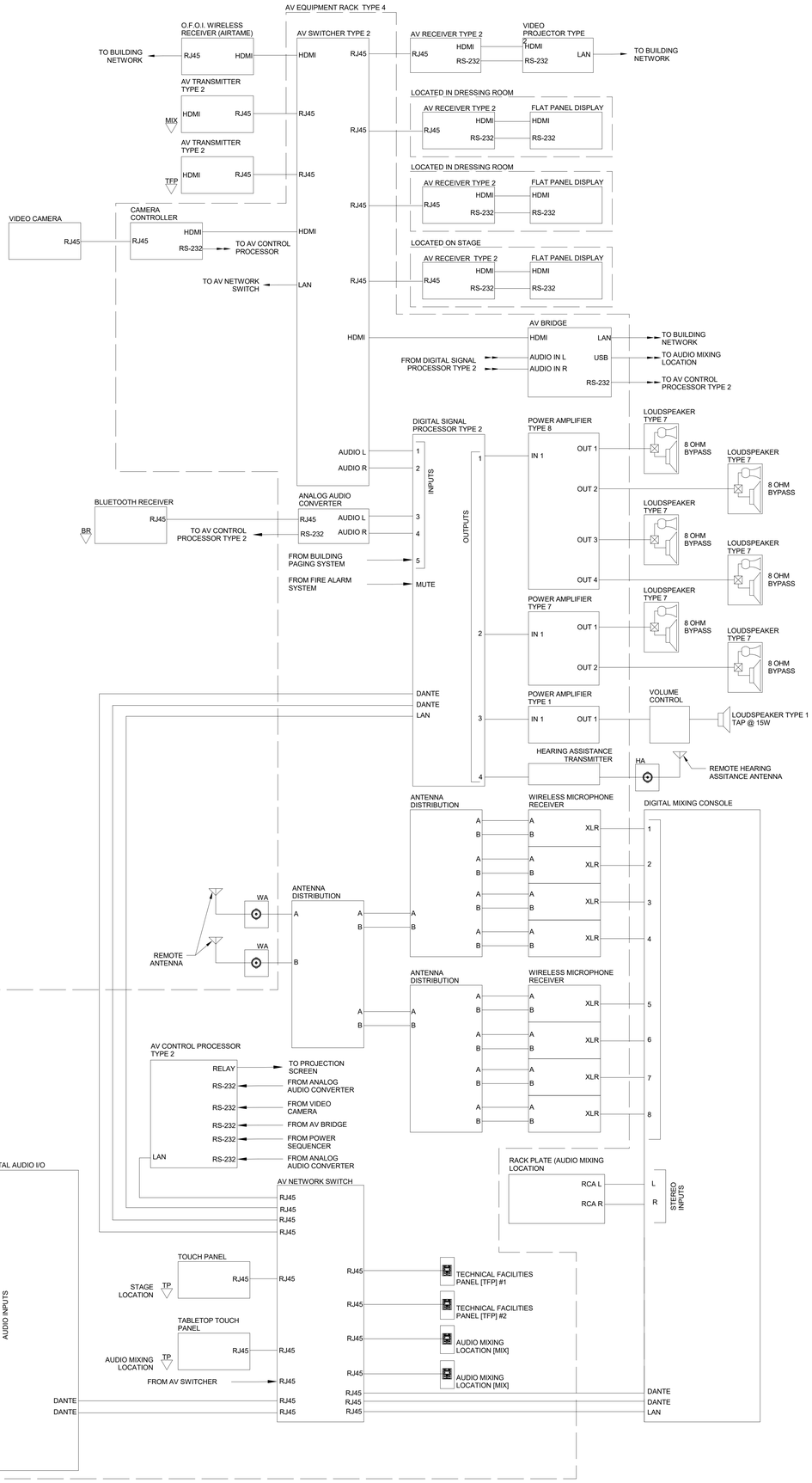

3 FLEX THEATER AV DIAGRAM
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
17707 CENTENNIAL RD, WESTFIELD, IN 46074

BID DOCUMENTS

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of spaces and the basic requirements for mechanical and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
The Trade Contractor shall furnish all work required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
AV DIAGRAMS

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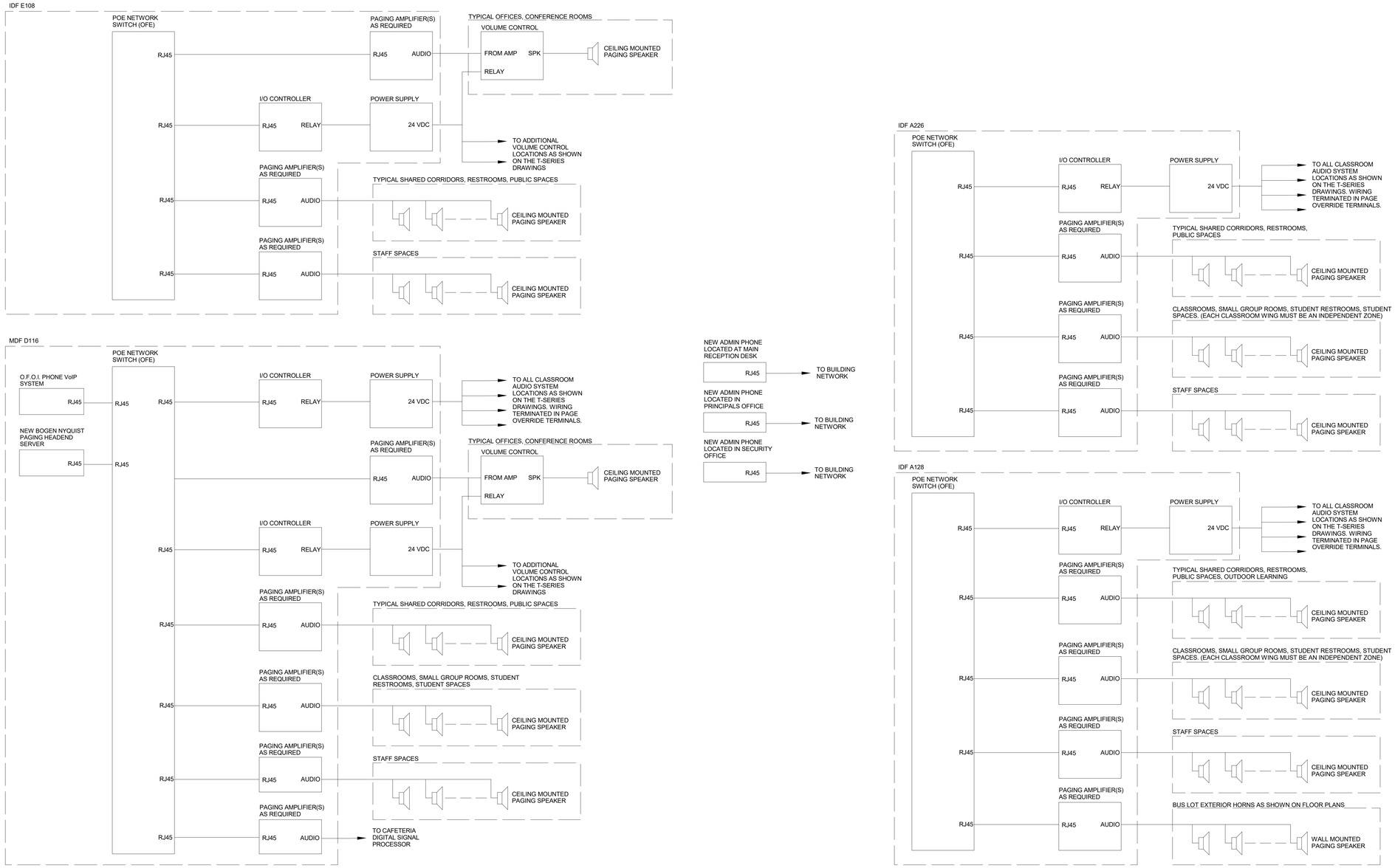
BICSI REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-26
RCDD

DRAWING NUMBER
T309

PROJECT NUMBER
2023061



1 PAGING DIAGRAM - PART 1
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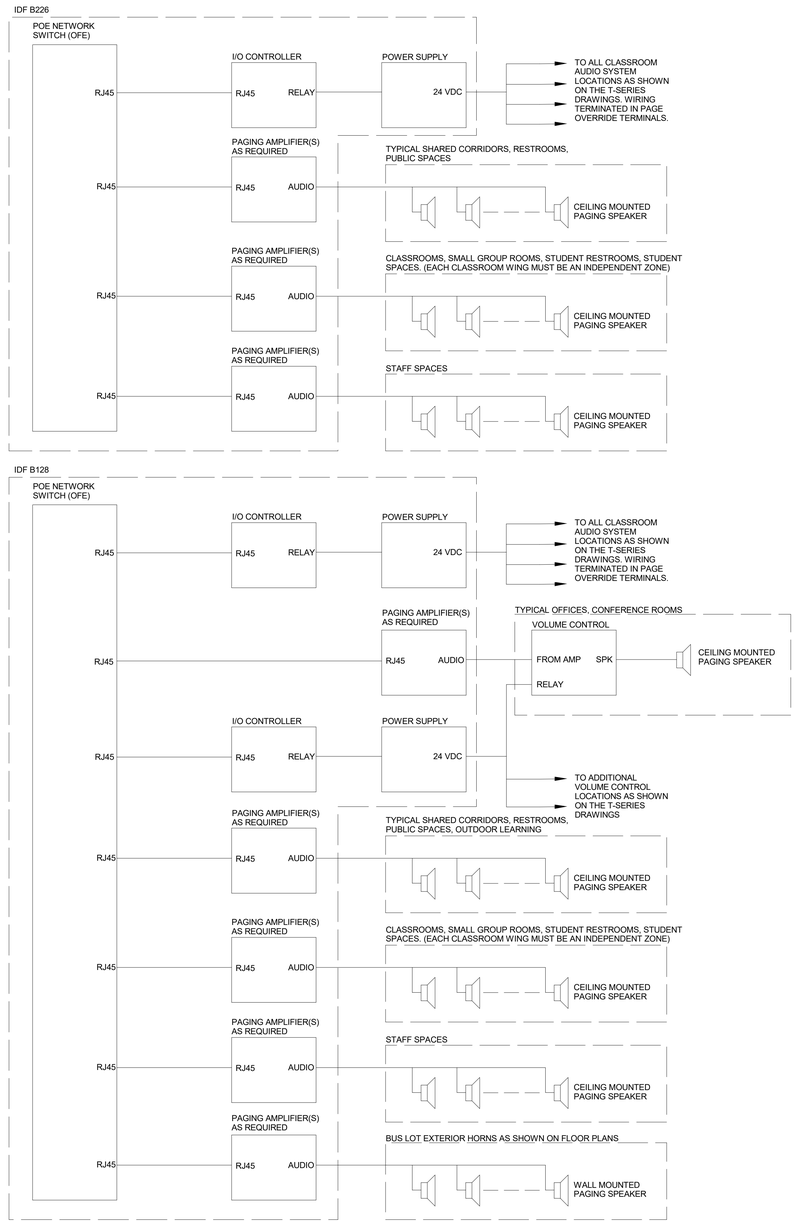
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

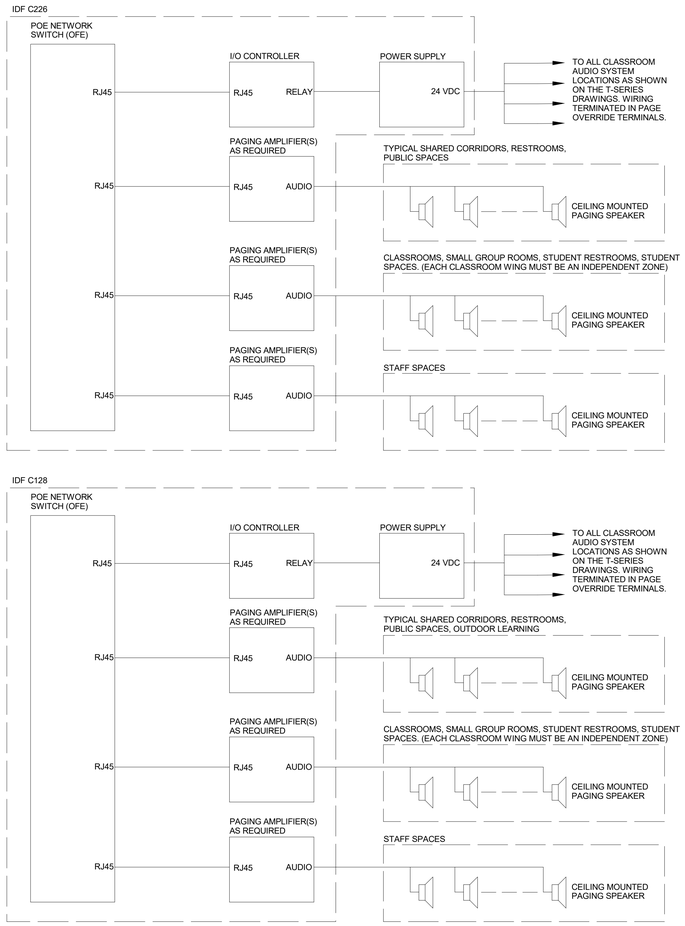
DRAWING TITLE:
AV DIAGRAMS

CERTIFIED BY:
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
Douglas J Driscoll
BICSI ID #123408
EXPIRES 12-31-26
RCDD

DRAWING NUMBER
T310

PROJECT NUMBER
2023061





1 PAGING DIAGRAM - PART 2
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PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

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08/09/2024	MKD	MRF

DRAWING TITLE:
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Bicsi
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-26
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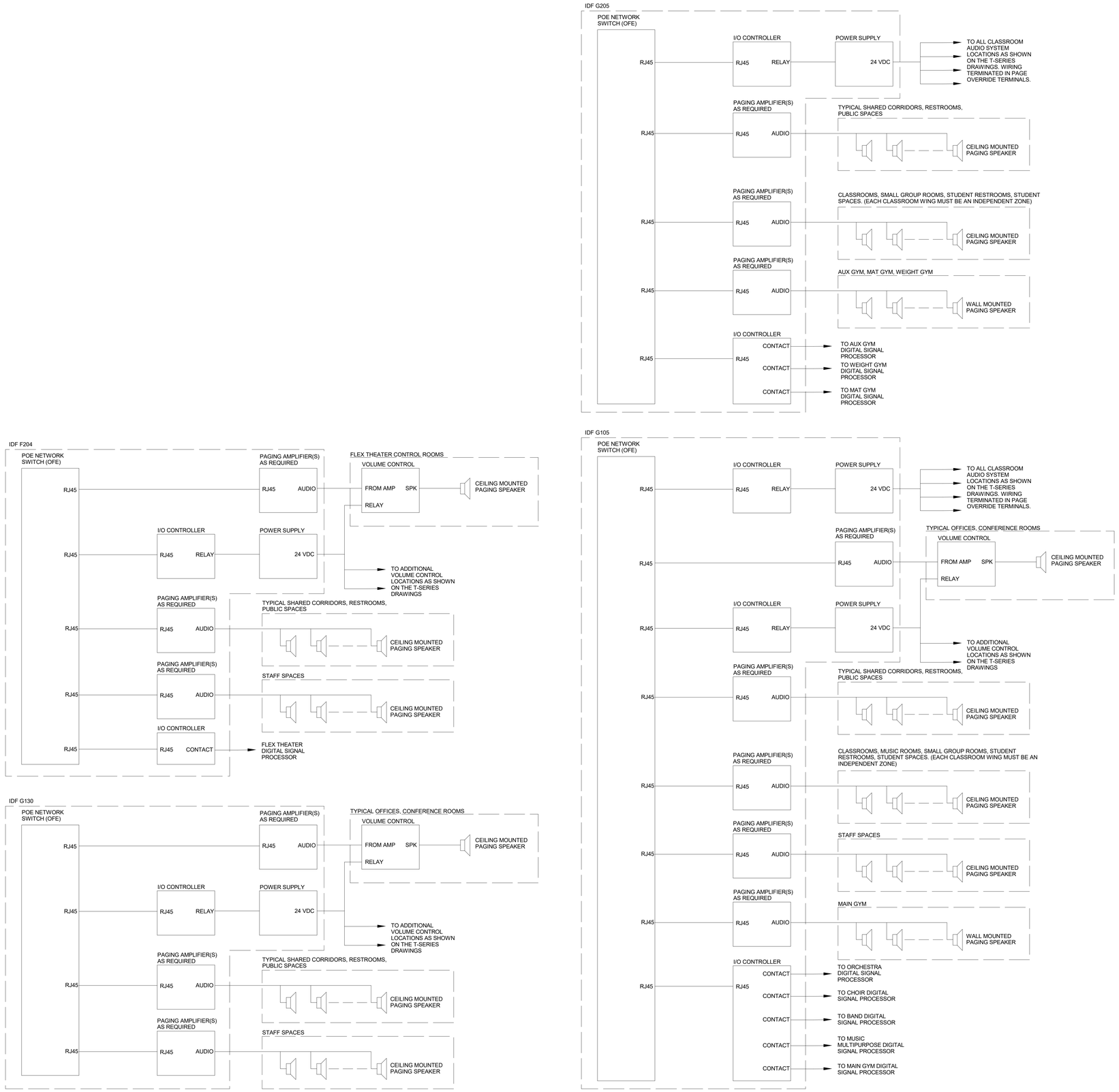
T311

PROJECT NUMBER
2023061



1 PAGING DIAGRAM - PART 3
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DESIGN 27 TECHNOLOGY + ACOUSTICS
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INDIANAPOLIS, IN 46205
317.536.8000
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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REVISIONS:

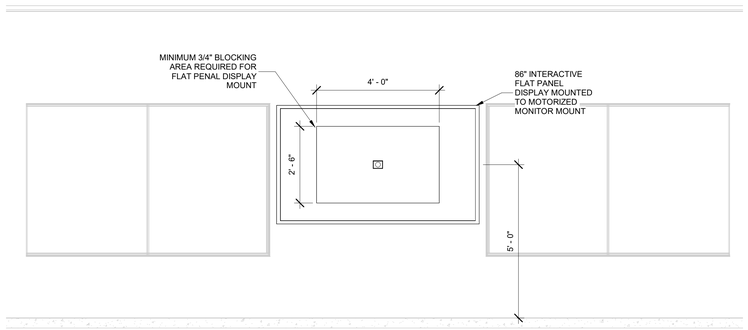
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
AV DIAGRAMS

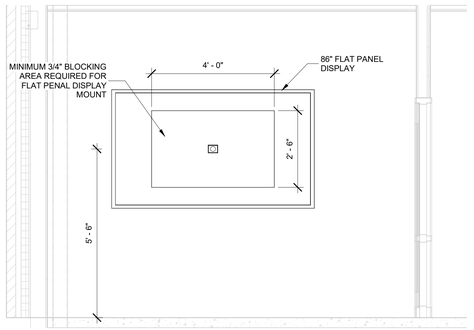
CERTIFIED BY:
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-26
RCDD

DRAWING NUMBER
T312

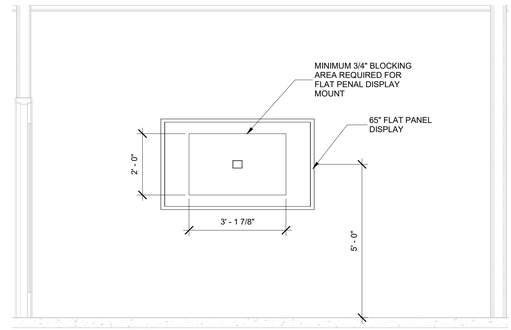
PROJECT NUMBER
2023061



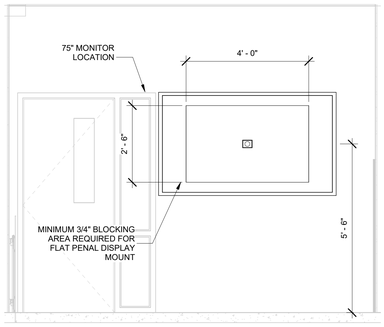
1 TYPICAL CLASSROOM AV ELEVATION
1/2" = 1'-0"



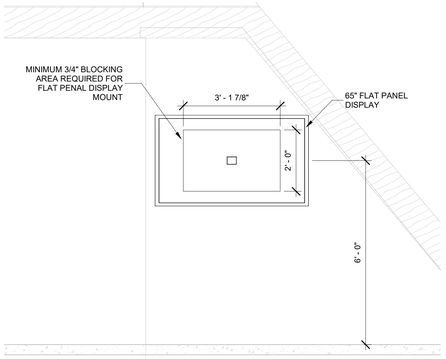
2 TYPICAL LARGE CONFERENCE ROOM AV ELEVATION
1/2" = 1'-0"



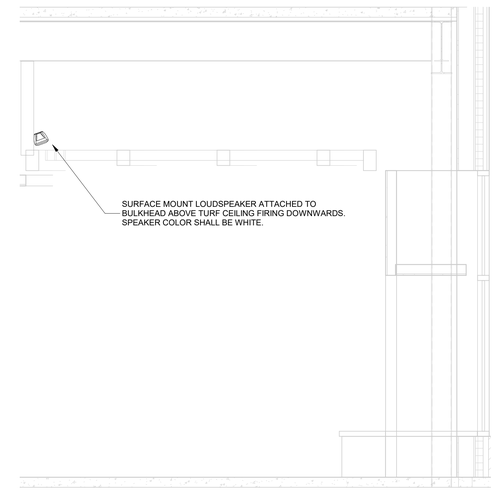
3 TYPICAL 65" DISPLAY CONFERENCE ROOM AV ELEVATION
1/2" = 1'-0"



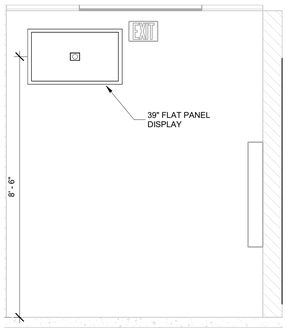
4 TYPICAL 75" DISPLAY CONFERENCE ROOM AV ELEVATION
1/2" = 1'-0"



5 TYPICAL DIGITAL SIGNAGE ELEVATION
1/2" = 1'-0"



6 TYPICAL LEARNING COMMONS LOUDSPEAKER MOUNTING ELEVATION
1/2" = 1'-0"



7 KITCHEN SECURITY CAMERA VIEWING DISPLAY ELEVATION
1/2" = 1'-0"

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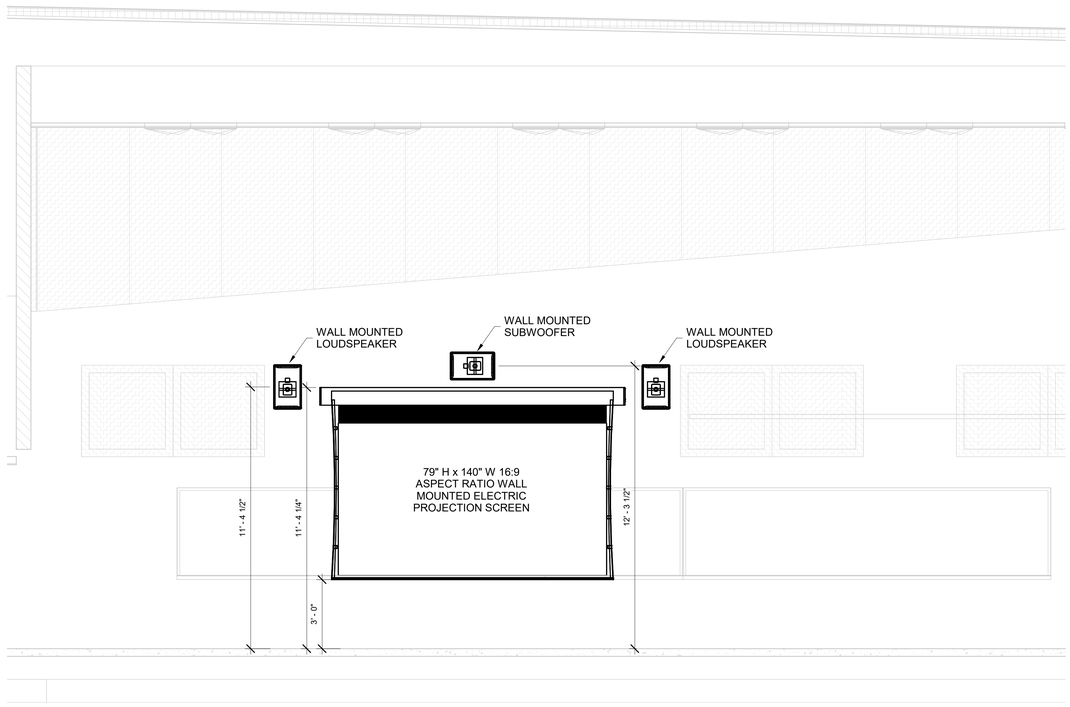
08/09/2024	MKD	MRF

DRAWING TITLE:
AV ELEVATIONS

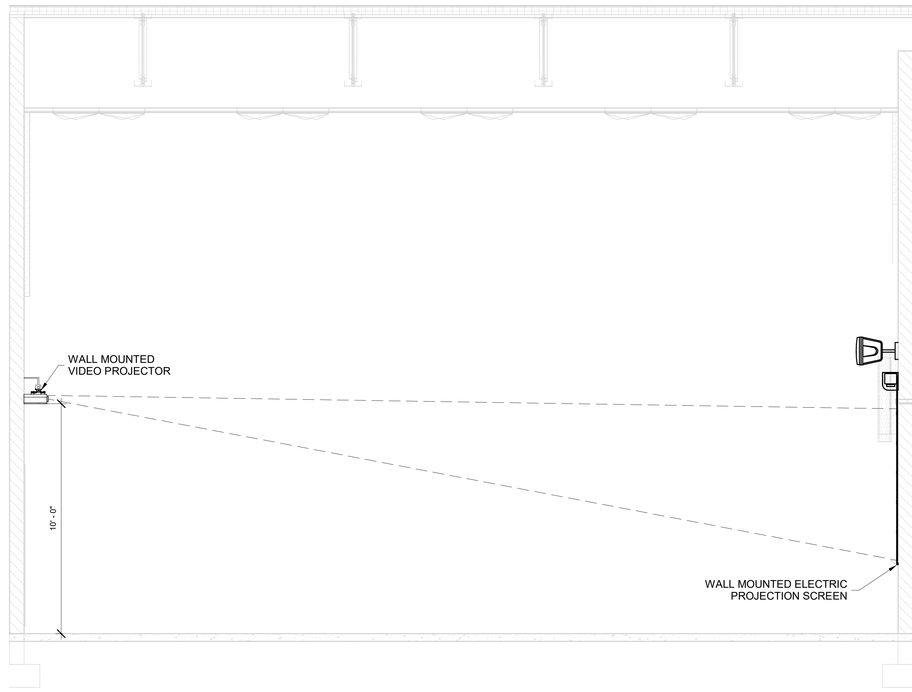
CERTIFIED BY:
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-26
RCDD

DRAWING NUMBER
T313

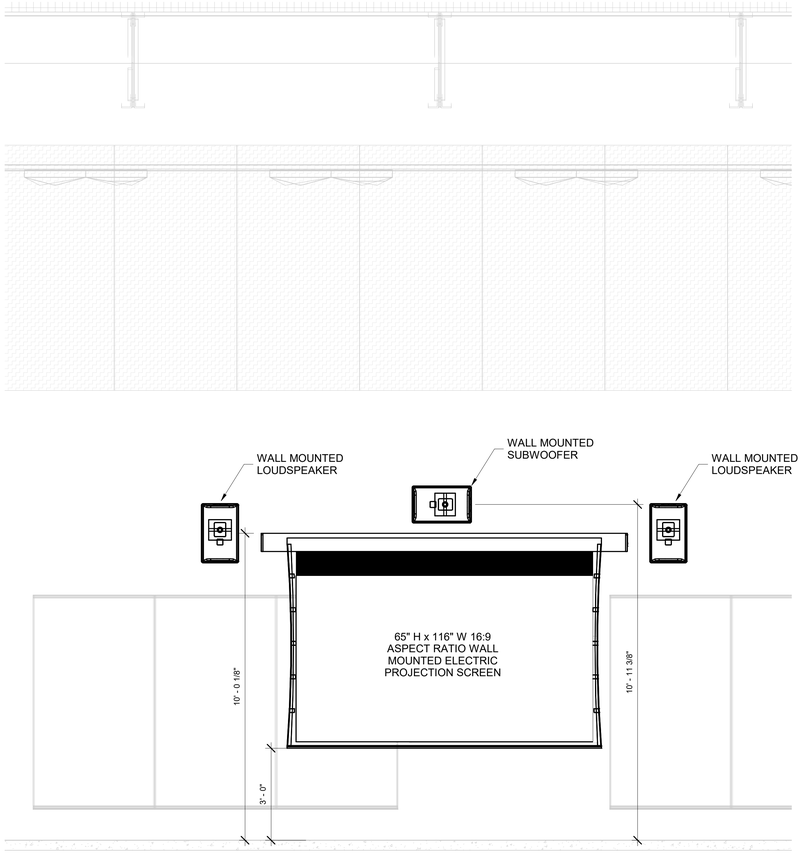
PROJECT NUMBER
2023061



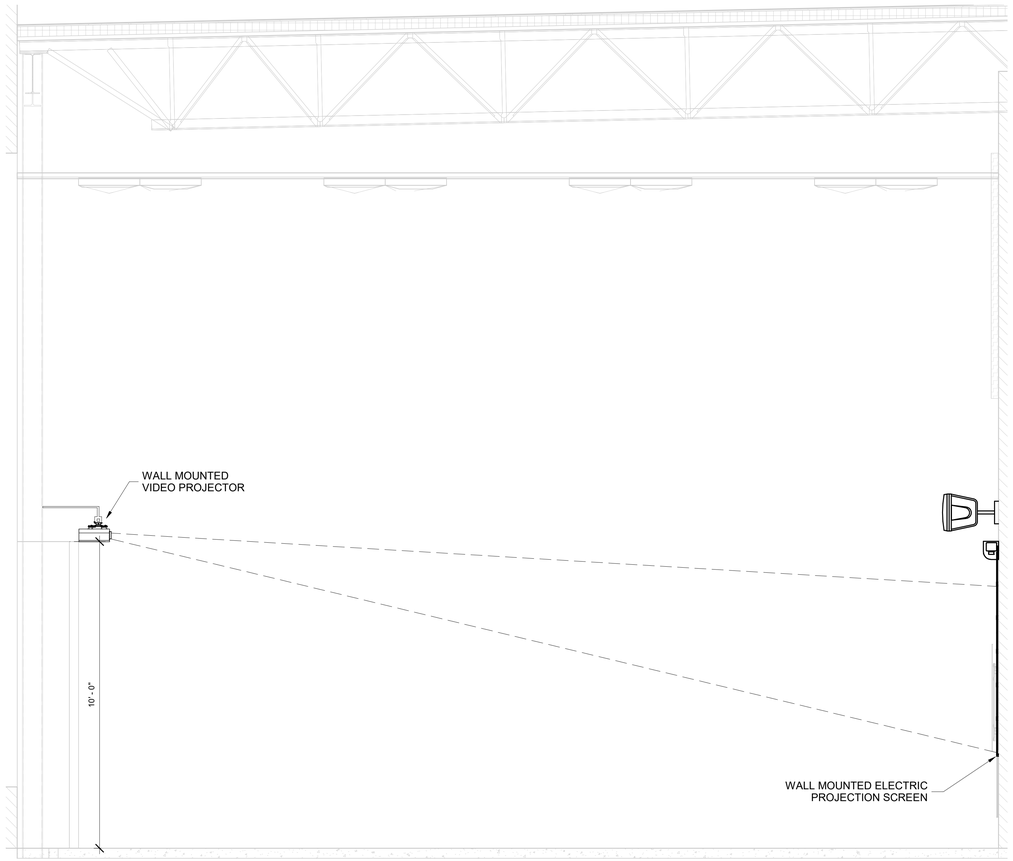
1 TYPICAL BAND/CHOIR/ORCHESTRA
ROOM AV ELEVATION - FRONT
3/8" = 1'-0"



2 TYPICAL BAND/CHOIR/ORCHESTRA
ROOM AV ELEVATION - SIDE
3/8" = 1'-0"



3 MUSIC MULTIPURPOSE ROOM AV
ELEVATION - FRONT
1/2" = 1'-0"



4 MUSIC MULTIPURPOSE ROOM AV
ELEVATION - SIDE
1/2" = 1'-0"

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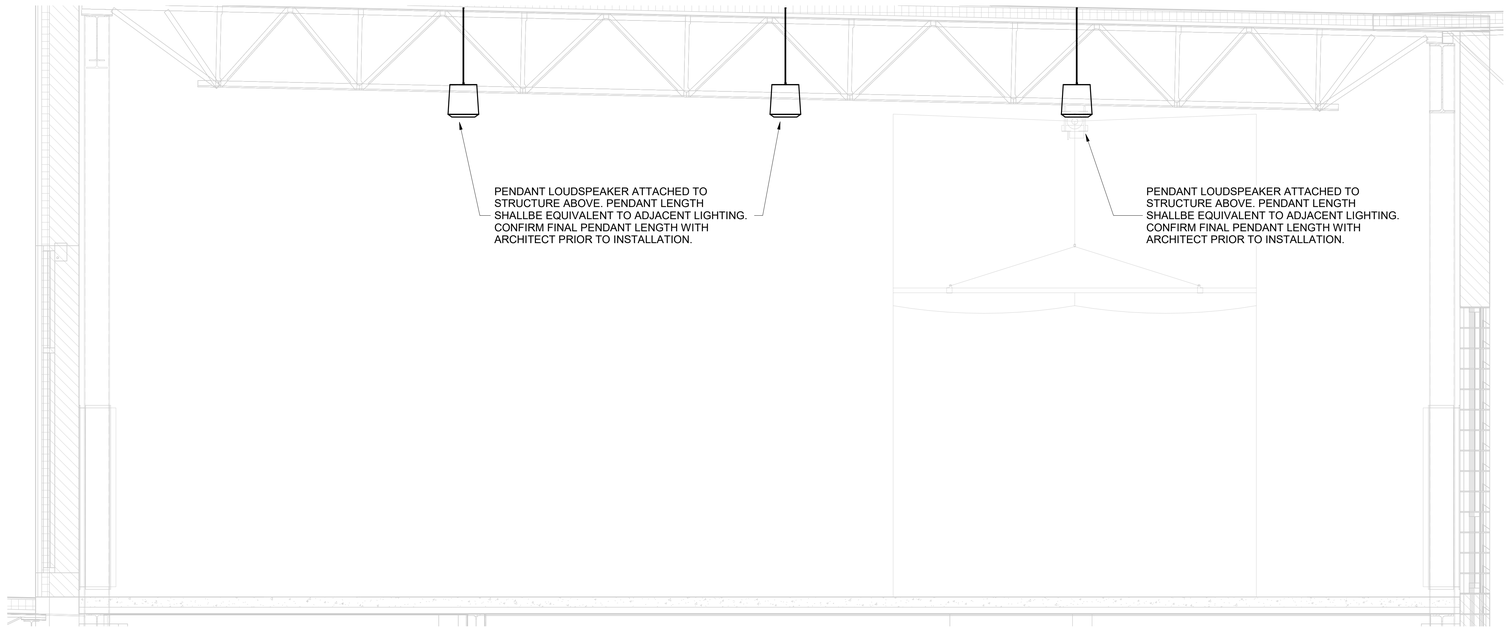
AV ELEVATIONS

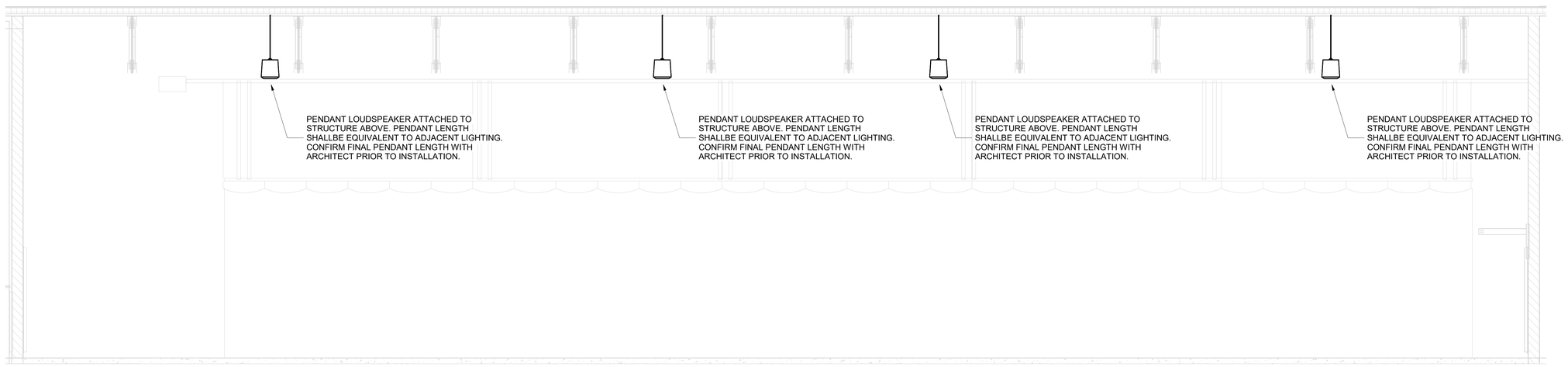
CERTIFIED BY:
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-26
RCDD

DRAWING NUMBER
T314

PROJECT NUMBER
2023061



1 MAT GYM AV ELEVATION - FRONT
1/2" = 1'-0"



2 MAT GYM AV ELEVATION - SIDE
3/8" = 1'-0"

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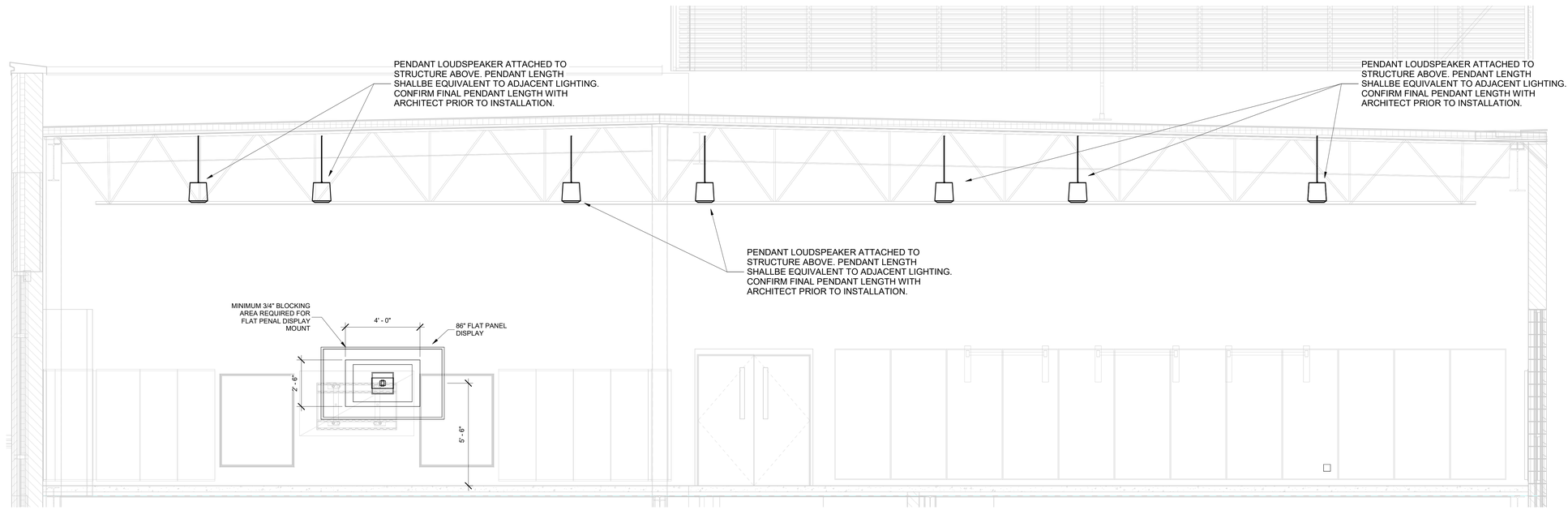
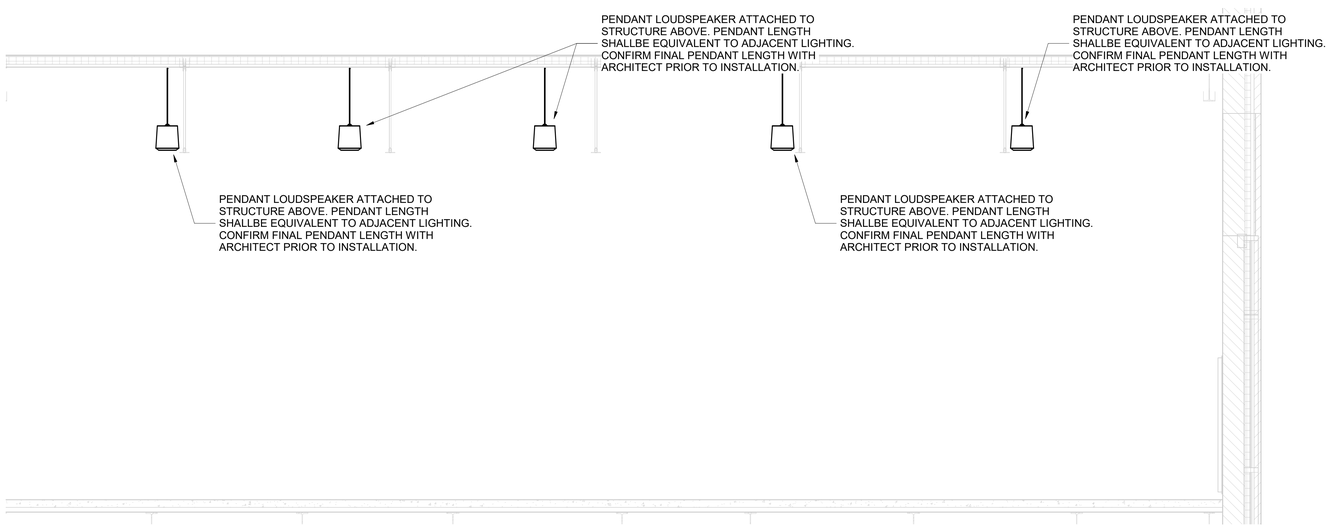
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-26
RCDD

DRAWING NUMBER
T315

PROJECT NUMBER
2023061



1 WEIGHT ROOM AV ELEVATION - FRONT
3/8" = 1'-0"



2 WEIGHT ROOM AV ELEVATION - SIDE
3/8" = 1'-0"

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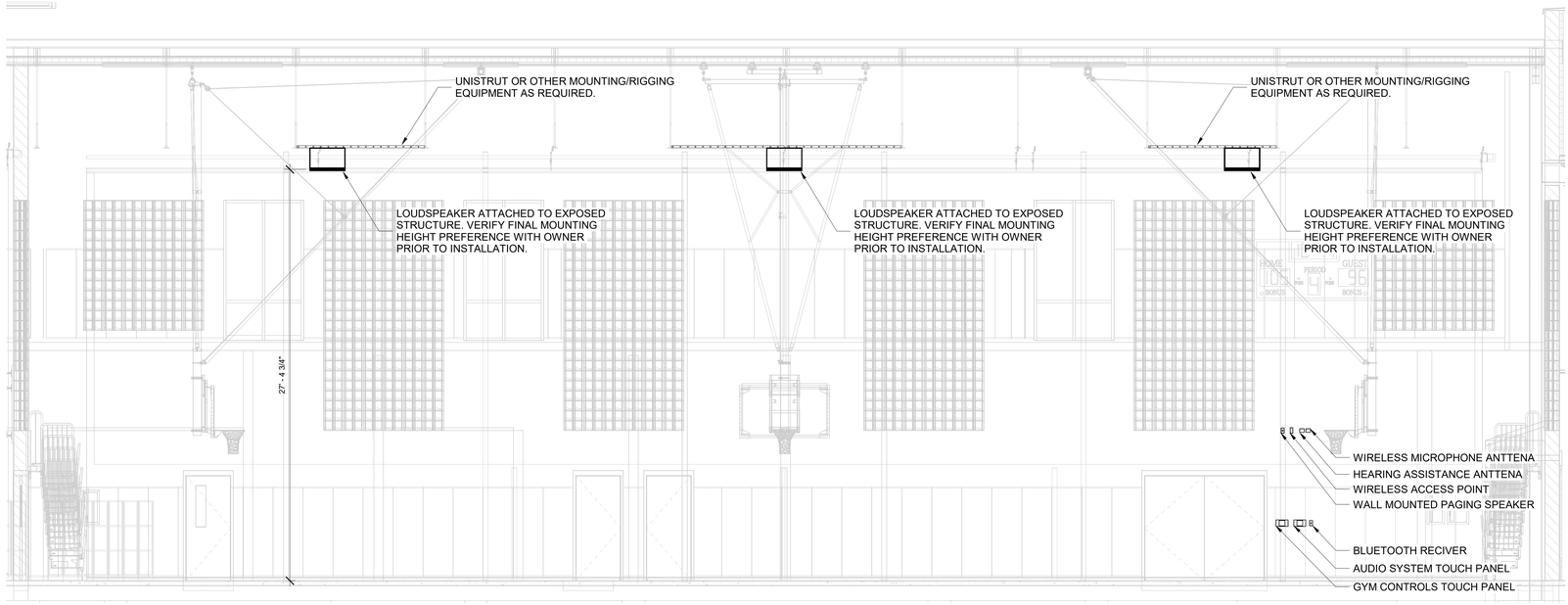
AV ELEVATIONS

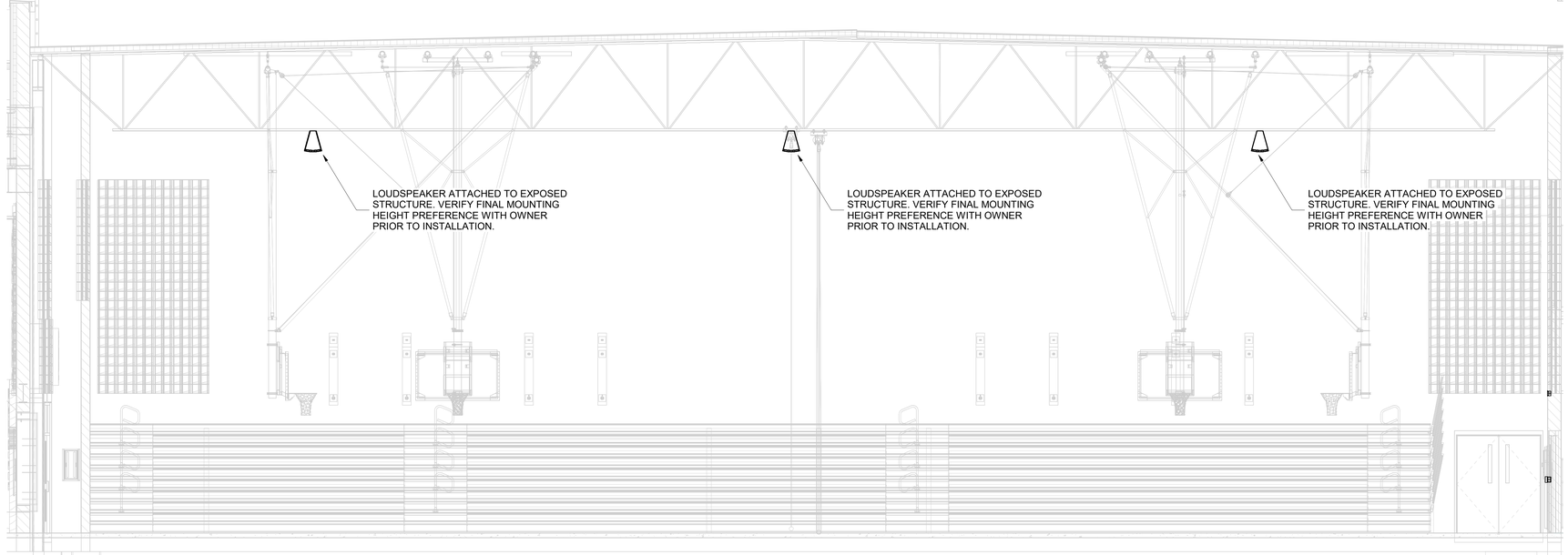
CERTIFIED BY:
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Douglas J Driscoll
BICSI ID # 1234308
EXPIRES 12-31-25
RCDD

DRAWING NUMBER
T316

PROJECT NUMBER
2023061



1 MAIN GYM EAST ELEVATION
1/4" = 1'-0"



2 MAIN GYM NORTH ELEVATION
1/4" = 1'-0"

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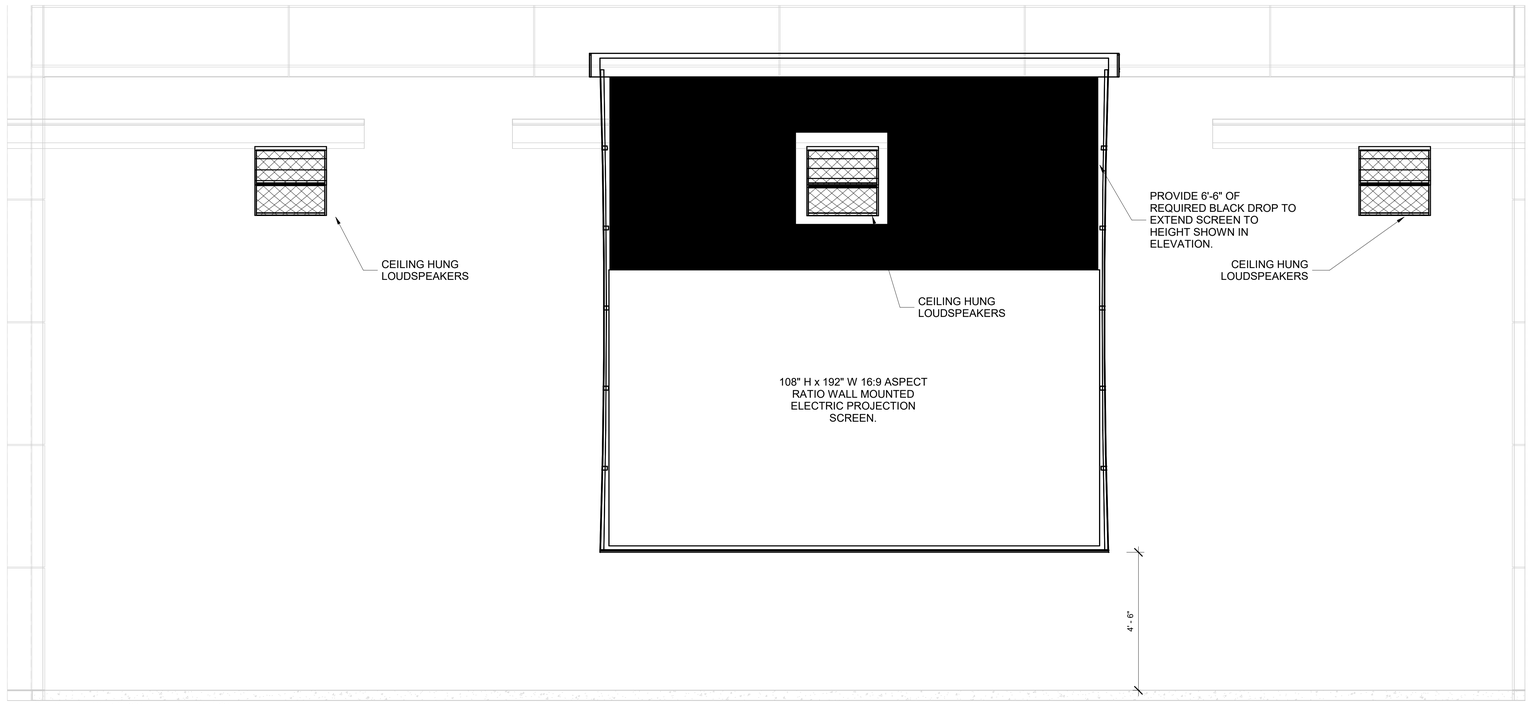
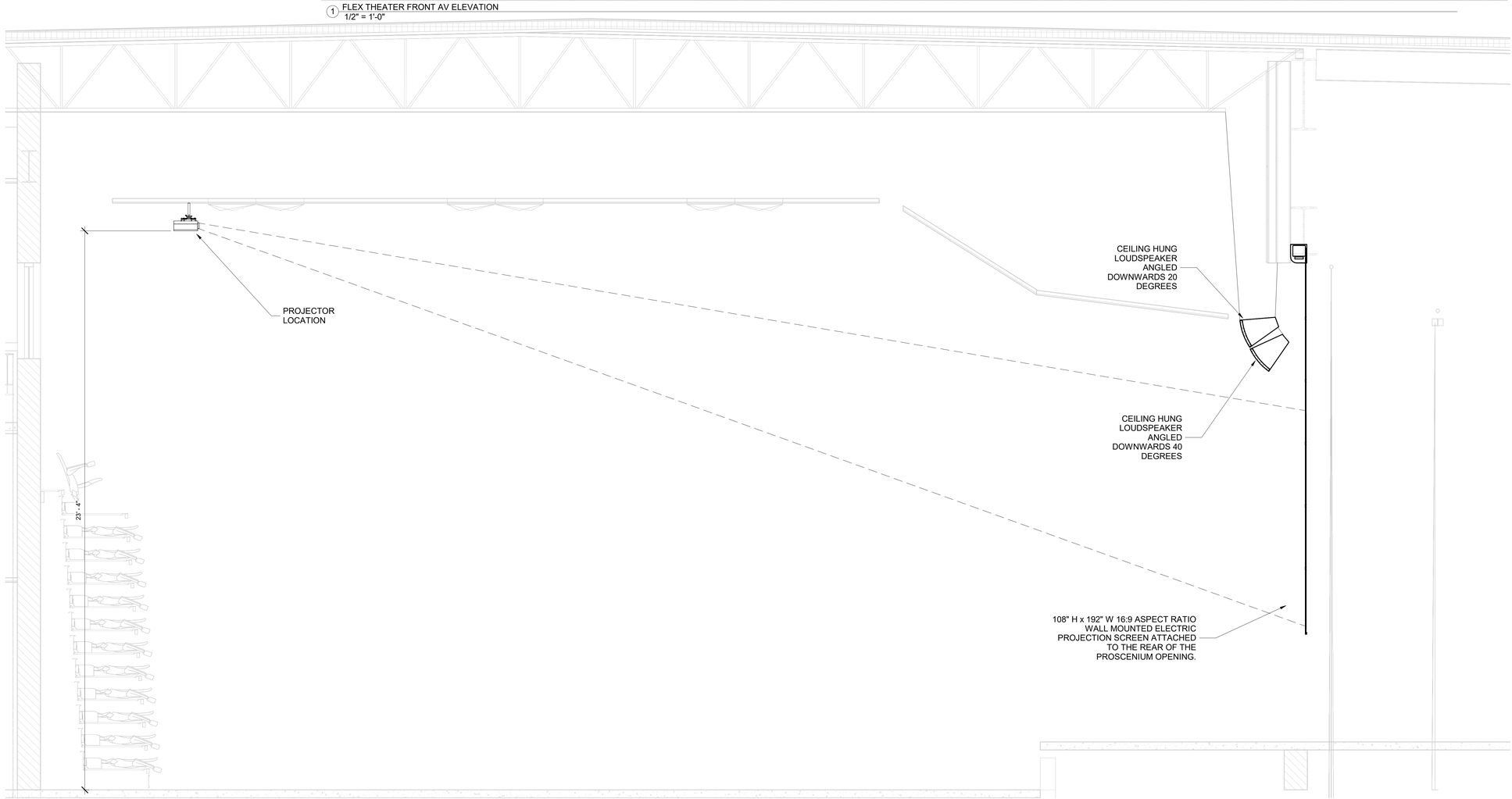
BICSI
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-26
RCDD

DRAWING NUMBER
T317

PROJECT NUMBER
2023061



1 FLEX THEATER FRONT AV ELEVATION
1/2" = 1'-0"



2 STAGE SIDE AV ELEVATION
1/2" = 1'-0"

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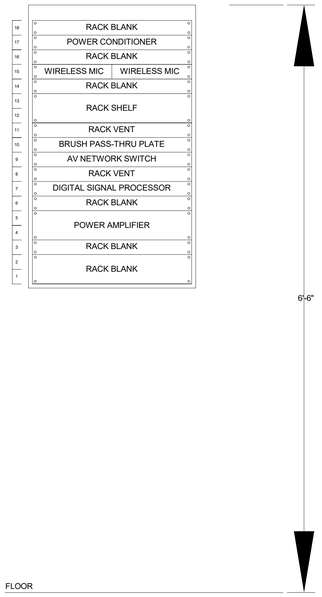
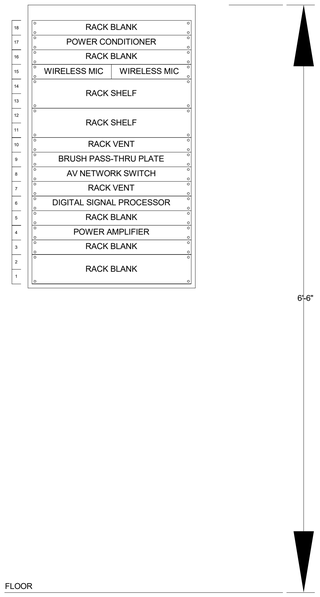
BICSI REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-20
RCDD

DRAWING NUMBER
T318

PROJECT NUMBER
2023061



1 MAT GYM AV RACK ELEVATION
N.T.S.



2 CAFETERIA AV RACK ELEVATION
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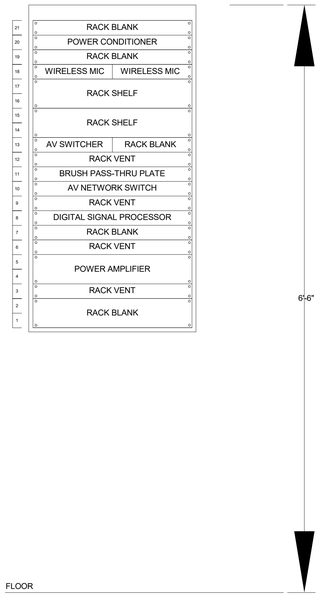

3 WEIGHT GYM AV RACK ELEVATION
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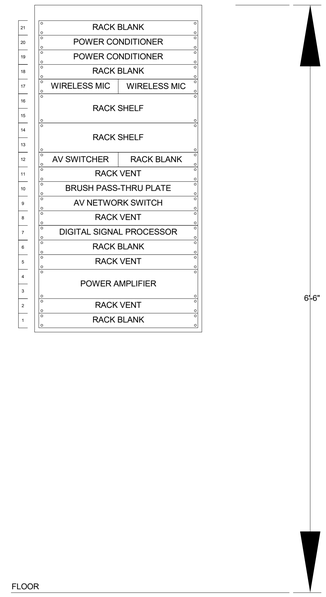

4 BAND-CHIOR-ORCHESTRA ROOM AV RACK ELEVATION
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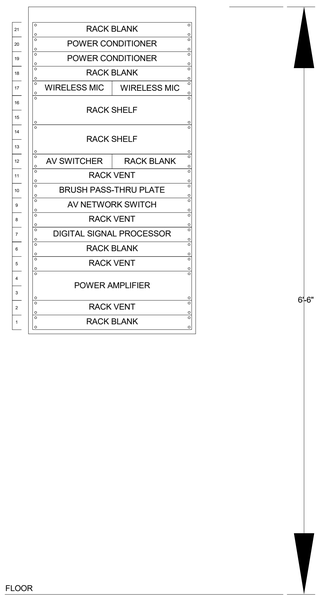
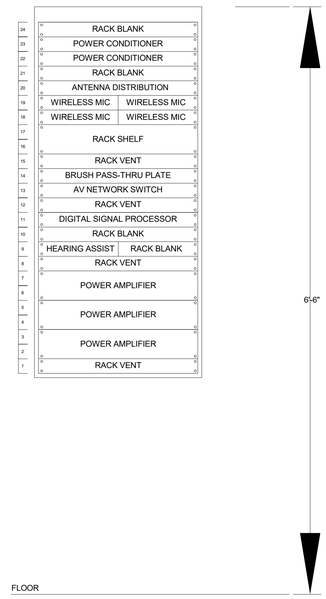
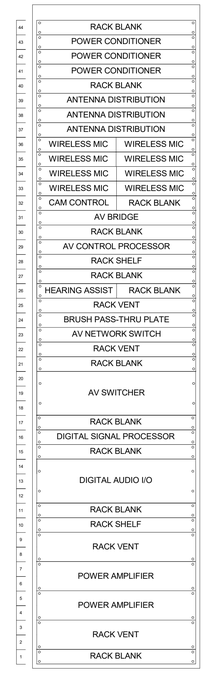


5 MUSIC MULTIPURPOSE ROOM AV RACK ELEVATION
N.T.S.

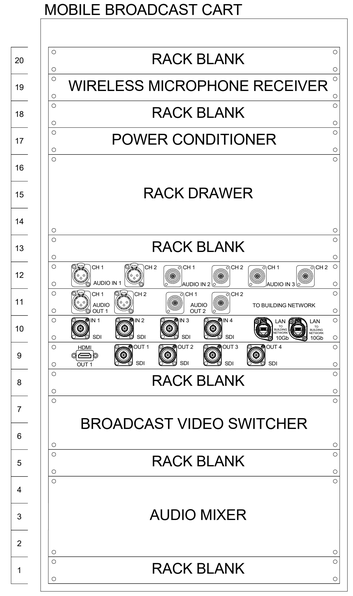


6 MAIN GYM AV RACK ELEVATION
N.T.S.



7 FLEX THEATER AV RACK ELEVATION
N.T.S.

MOBILE BROADCAST CART



8 GREEN ROOM AV RACK ELEVATION
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AV RACK ELEVATIONS

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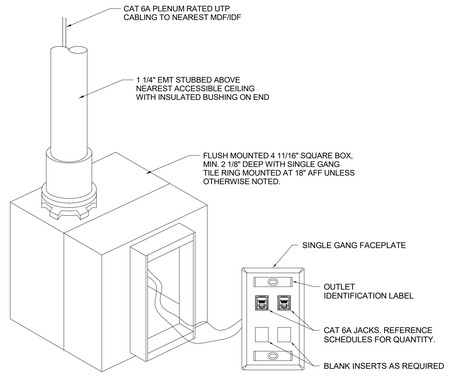
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-20
RCDD

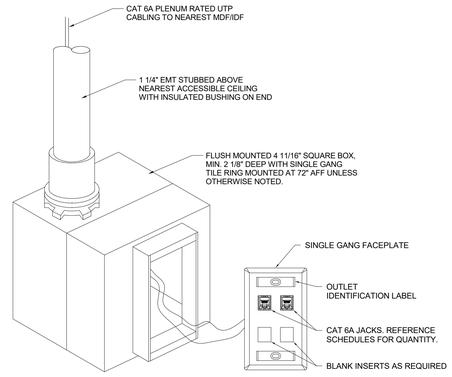
DRAWING NUMBER
T319

PROJECT NUMBER
2023061



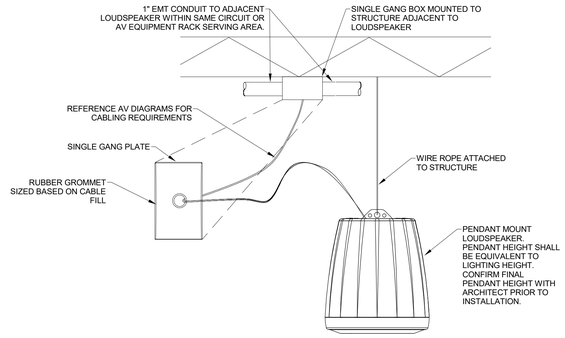
NOTE: CONTRACTOR SHALL PROVIDE AND INSTALL ALL ACCESSORIES REQUIRED FOR A COMPLETE AND FUNCTIONAL SYSTEM

1 DATA LOCATION
N.T.S.

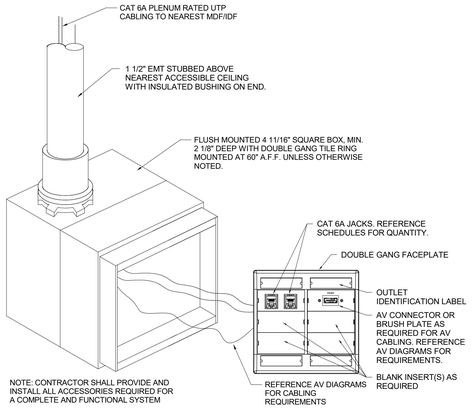


NOTE: CONTRACTOR SHALL PROVIDE AND INSTALL ALL ACCESSORIES REQUIRED FOR A COMPLETE AND FUNCTIONAL SYSTEM

2 DIGITAL SIGNAGE LOCATION
N.T.S.

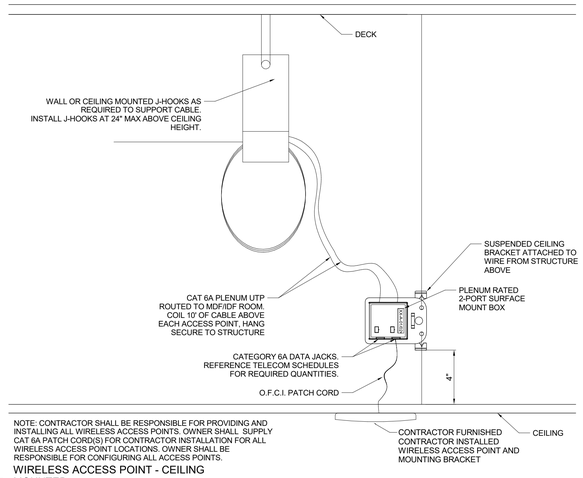


3 PROGRAM SPEAKER - PENDANT MOUNTED DETAIL
N.T.S.



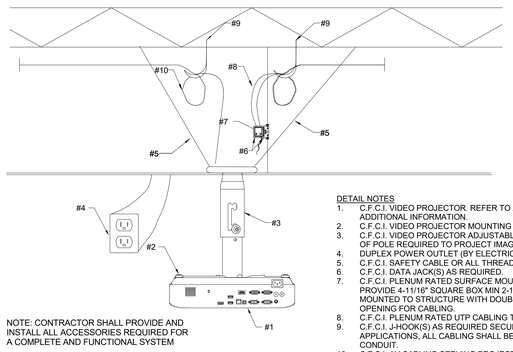
NOTE: CONTRACTOR SHALL PROVIDE AND INSTALL ALL ACCESSORIES REQUIRED FOR A COMPLETE AND FUNCTIONAL SYSTEM

4 MONITOR LOCATION
N.T.S.



NOTE: CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL WIRELESS ACCESS POINTS. OWNER SHALL SUPPLY CAT 6A PATCH CORD(S) FOR CONTRACTOR INSTALLATION FOR ALL WIRELESS ACCESS POINT LOCATIONS. OWNER SHALL BE RESPONSIBLE FOR CONFIGURING ALL ACCESS POINTS.

5 WIRELESS ACCESS POINT - CEILING MOUNTED
N.T.S.

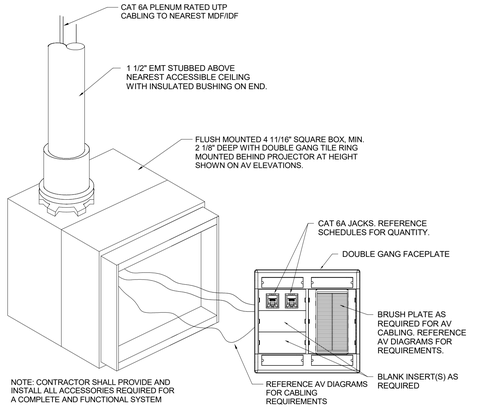


NOTE: CONTRACTOR SHALL PROVIDE AND INSTALL ALL ACCESSORIES REQUIRED FOR A COMPLETE AND FUNCTIONAL SYSTEM

DETAIL NOTES
1. C.F.C.I. VIDEO PROJECTOR. REFER TO AV DIAGRAMS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. C.F.C.I. VIDEO PROJECTOR MOUNTING BRACKET.
3. C.F.C.I. VIDEO PROJECTOR ADJUSTABLE MOUNTING COLUMN. PROVIDE LENGTH OF POLE REQUIRED TO PROJECT IMAGE ON SCREEN PER AV ELEVATIONS.
4. DUPLEX POWER OUTLET (BY ELECTRICAL CONTRACTOR).
5. C.F.C.I. SAFETY CABLE OR ALL THREAD TO STRUCTURE ABOVE.
6. C.F.C.I. DATA JACK(S) AS REQUIRED.
7. C.F.C.I. PLENUM RATED SURFACE MOUNT BOX. IN OPEN CEILING APPLICATIONS, PROVIDE 4-11/16" SQUARE BOX MIN 2-1/8" DEEP WITH DOUBLE GANG TILE RING MOUNTED TO STRUCTURE WITH DOUBLE GANG PLATE WITH GROMMETED OPENING FOR CABLING.
8. C.F.C.I. PLENUM RATED UTP CABLING TO NEAREST MDF/IDF.
9. C.F.C.I. J-HOOK(S) AS REQUIRED SECURED TO STRUCTURE. IN OPEN CEILING APPLICATIONS, ALL CABLING SHALL BE CONCEALED WITHIN CONTINUOUS CONDUIT.
10. C.F.C.I. AV CABLING SERVING PROJECTOR. REFER TO AV DIAGRAMS FOR ADDITIONAL INFORMATION.

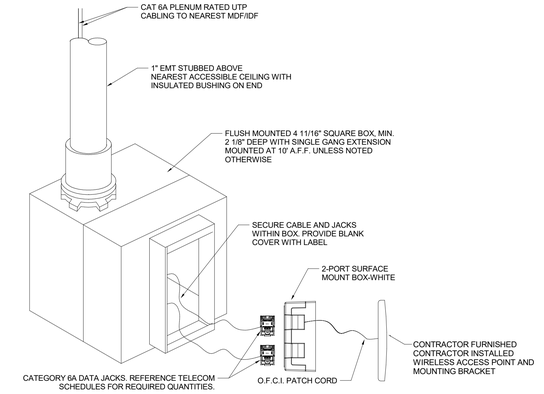
FLEX THEATER

6 PROJECTOR LOCATION
N.T.S.



NOTE: CONTRACTOR SHALL PROVIDE AND INSTALL ALL ACCESSORIES REQUIRED FOR A COMPLETE AND FUNCTIONAL SYSTEM

MUSIC ROOMS



NOTE: CONTRACTOR SHALL PROVIDE AND INSTALL ALL ACCESSORIES REQUIRED FOR A FUNCTIONAL AND COMPLETE SYSTEM

NOTE: CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL WIRELESS ACCESS POINTS. OWNER SHALL SUPPLY CAT 6A PATCH CORD(S) FOR CONTRACTOR INSTALLATION FOR ALL WIRELESS ACCESS POINT LOCATIONS. OWNER SHALL BE RESPONSIBLE FOR CONFIGURING ALL ACCESS POINTS.

7 WIRELESS ACCESS POINT - WALL MOUNTED
N.T.S.

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46205
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST

BID DOCUMENTS

17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
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TECHNOLOGY DETAILS

CERTIFIED BY:
BICSI REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-26
RCDD

DRAWING NUMBER
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PROJECT NUMBER
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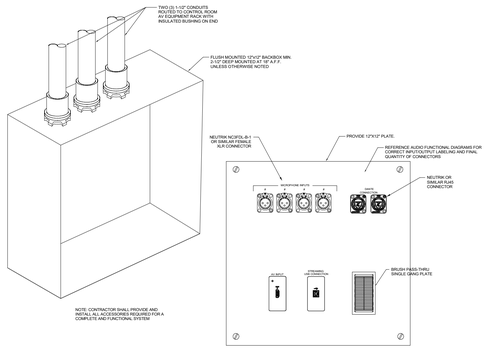
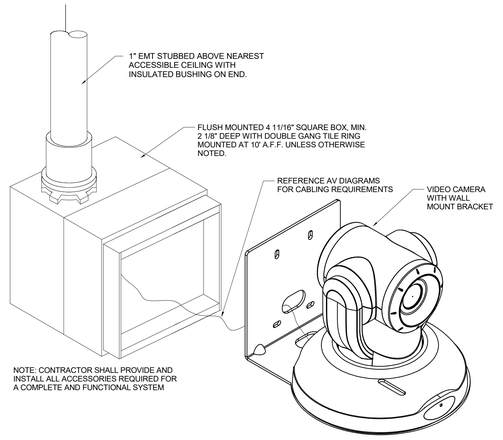
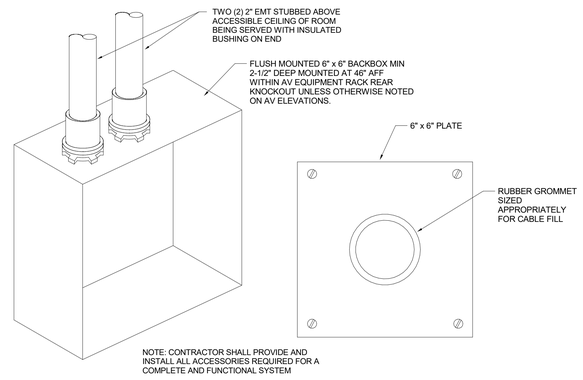


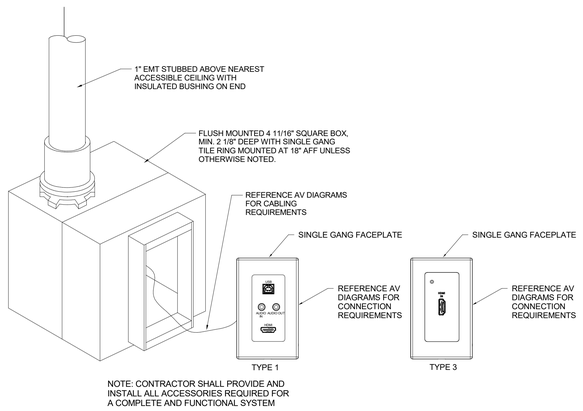
1 AUDIO MIXING LOCATION
N.T.S.



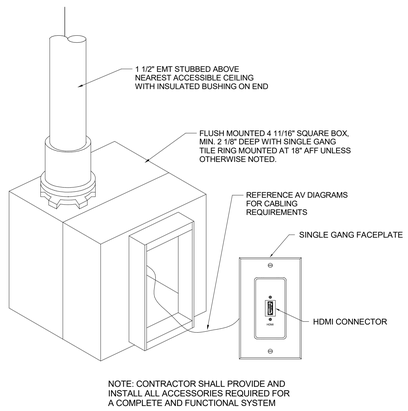
2 VIDEO CAMERA LOCATION
N.T.S.



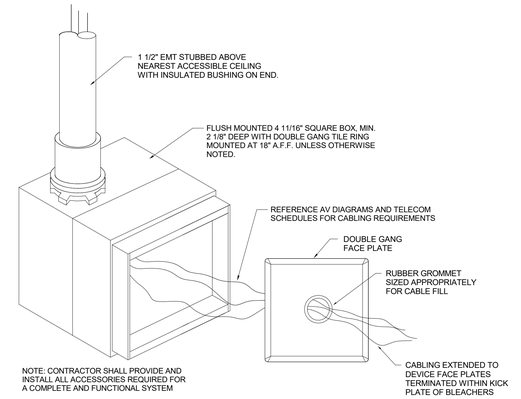
3 AV EQUIPMENT RACK LOCATION
N.T.S.



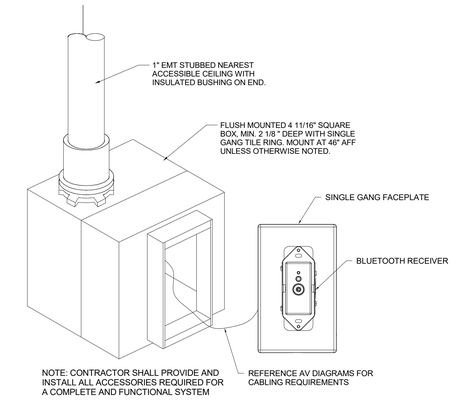
4 AV INPUT LOCATION - TYPE 1 AND 3
N.T.S.



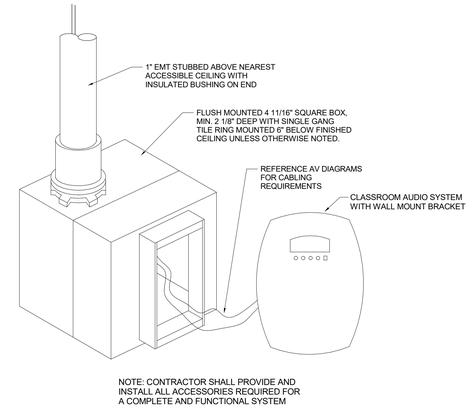
5 AV INPUT LOCATION - TYPE 2
N.T.S.



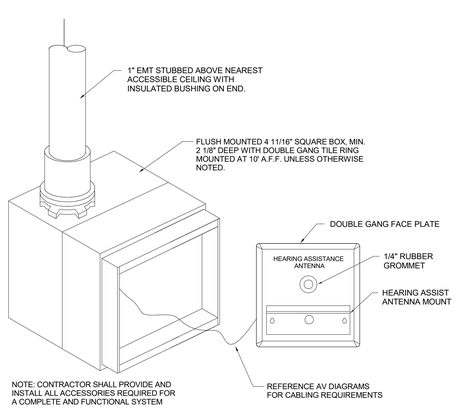
6 BLEACHER CONNECTION LOCATION
N.T.S.



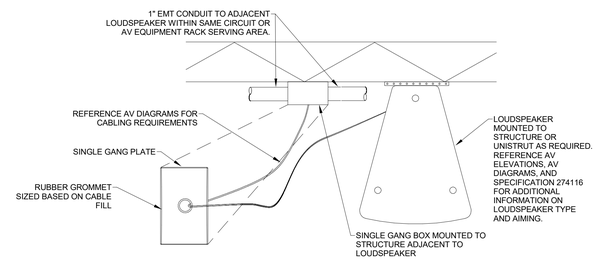
7 BLUETOOTH RECEIVER LOCATION
N.T.S.



8 CLASSROOM AUDIO SYSTEM LOCATION
N.T.S.



9 HEARING ASSISTANCE ANTENNA LOCATION
N.T.S.



10 LOUDSPEAKER JUNCTION BOX LOCATION
N.T.S.

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PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
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EXPIRES 12-31-25
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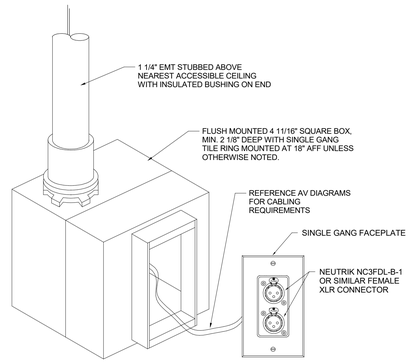

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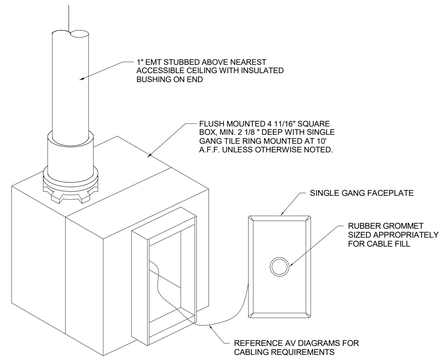
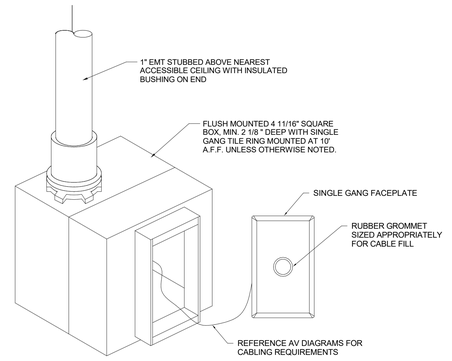
1 MICROPHONE INPUT LOCATION
N.T.S. MIC



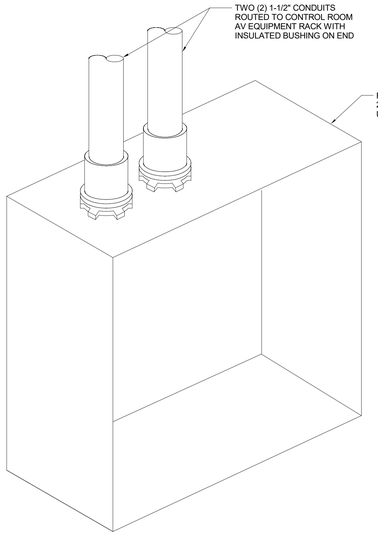
NOTE: CONTRACTOR SHALL PROVIDE AND INSTALL ALL ACCESSORIES REQUIRED FOR A COMPLETE AND FUNCTIONAL SYSTEM

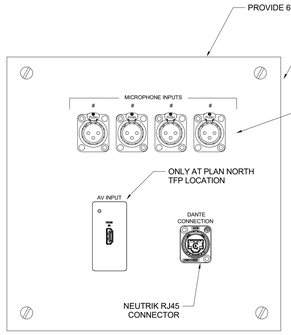
2 PAGING SPEAKER LOCATION - WALL MOUNTED
N.T.S. SPK



NOTE: CONTRACTOR SHALL PROVIDE AND INSTALL ALL ACCESSORIES REQUIRED FOR A COMPLETE AND FUNCTIONAL SYSTEM

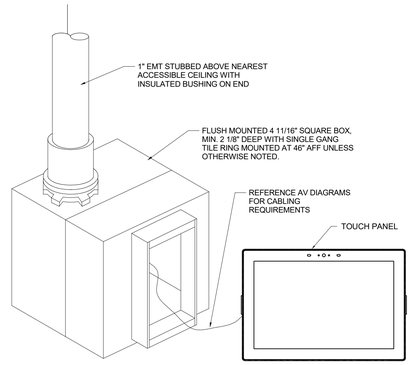
3 PROGRAM SPEAKER LOCATION - WALL MOUNTED
N.T.S. SPK





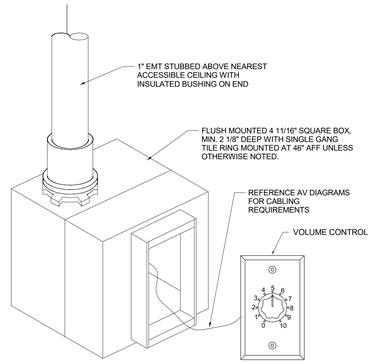
NOTE: CONTRACTOR SHALL PROVIDE AND INSTALL ALL ACCESSORIES REQUIRED FOR A COMPLETE AND FUNCTIONAL SYSTEM

4 TECHNICAL FACILITIES PANEL LOCATION
N.T.S. TFP



NOTE: CONTRACTOR SHALL PROVIDE AND INSTALL ALL ACCESSORIES REQUIRED FOR A COMPLETE AND FUNCTIONAL SYSTEM

5 TOUCH PANEL LOCATION
N.T.S. TP



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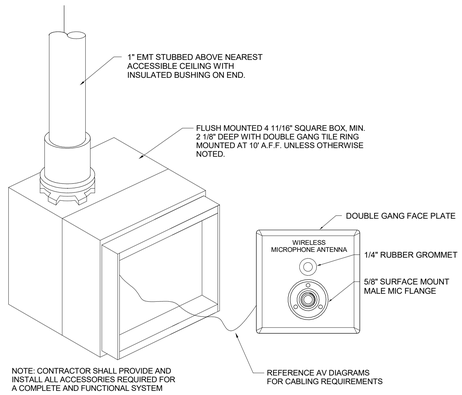
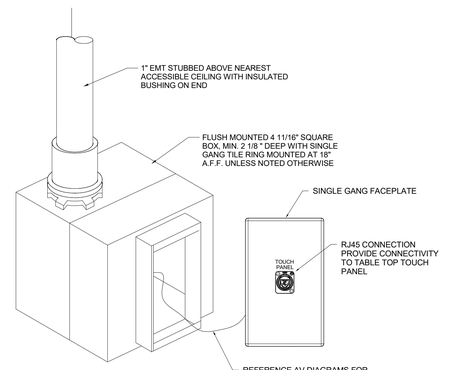
6 VOLUME CONTROL LOCATION
N.T.S. VC



NOTE: CONTRACTOR SHALL PROVIDE AND INSTALL ALL ACCESSORIES REQUIRED FOR A COMPLETE AND FUNCTIONAL SYSTEM

7 WIRELESS MICROPHONE ANTENNA LOCATION
N.T.S. WA



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8 TABLE TOP TOUCH PANEL LOCATION
N.T.S. TP

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PROJECT:
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WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
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RCDD

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T402

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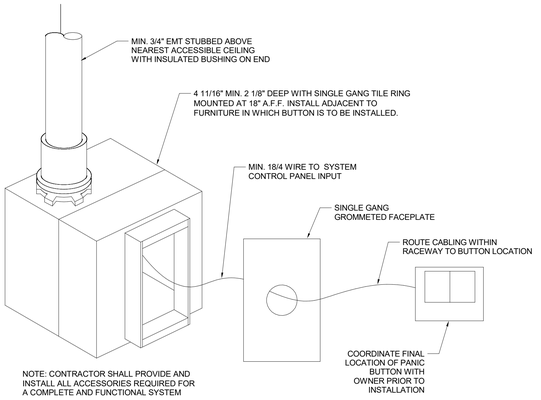
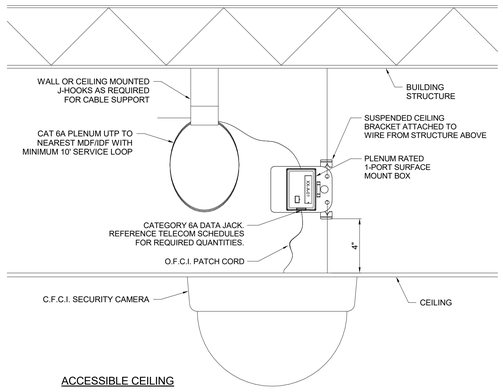
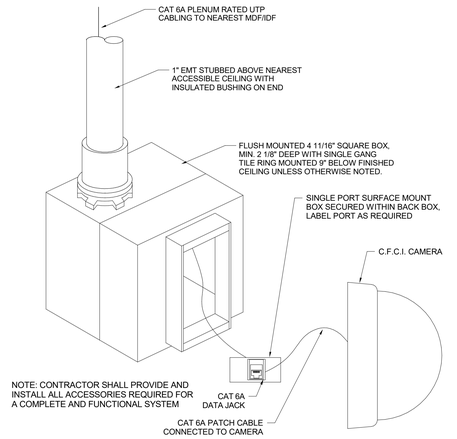


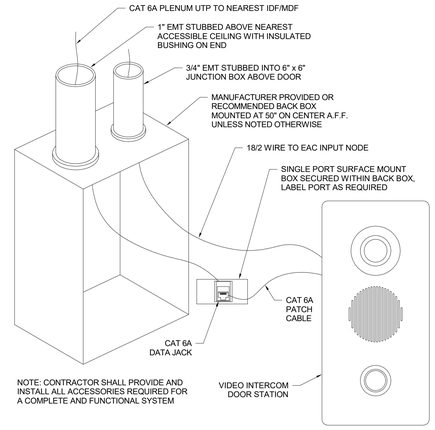
1 DURESS BUTTON LOCATION
N.T.S. DB



2 SECURITY CAMERA - CEILING MOUNT
N.T.S. 9C



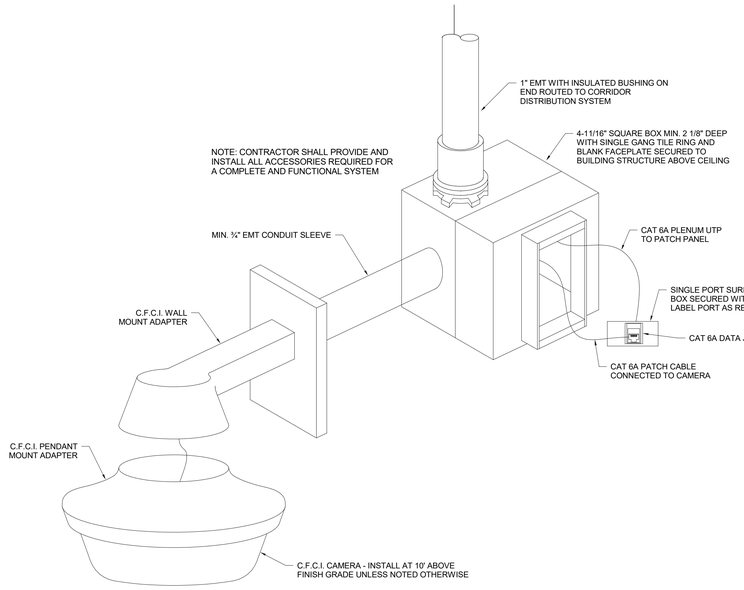
3 SECURITY CAMERA - INTERIOR WALL MOUNT
N.T.S. 9C



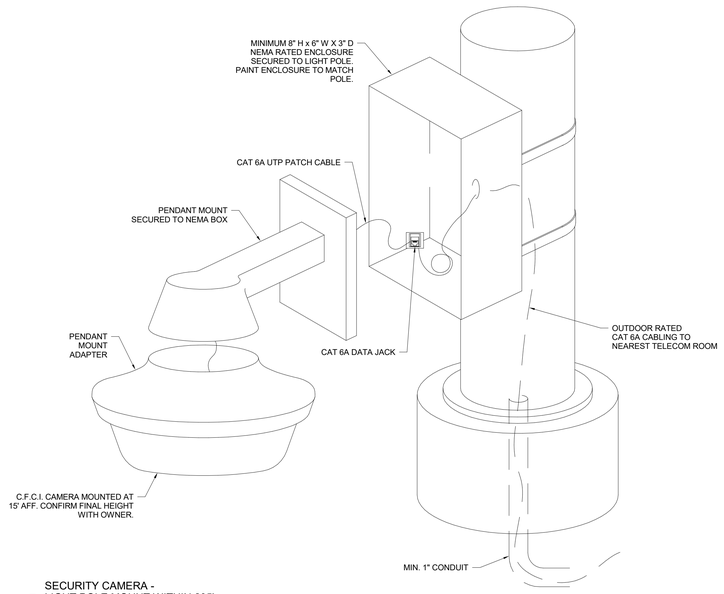
4 VIDEO INTERCOM DOOR STATION
N.T.S. VI

CEILING MOUNT CAMERA LEGEND		
8D	8D	SINGLE SENSOR CAMERA
9D	9D	DUAL SENSOR CAMERA
10D	10D	THREE SENSOR CAMERA
11D	11D	FOUR SENSOR CAMERA
8D		HEMISPHERIC LENS CAMERA

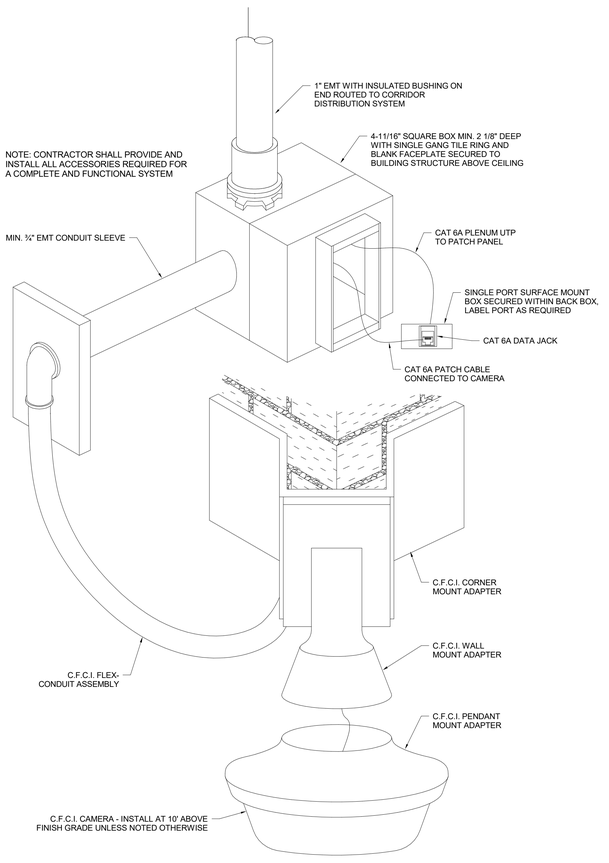
WALL MOUNT CAMERA LEGEND		
9C	9C	SINGLE SENSOR CAMERA
9F	7D	DUAL SENSOR CAMERA
8R	8D	THREE SENSOR CAMERA
8R	8D	FOUR SENSOR CAMERA



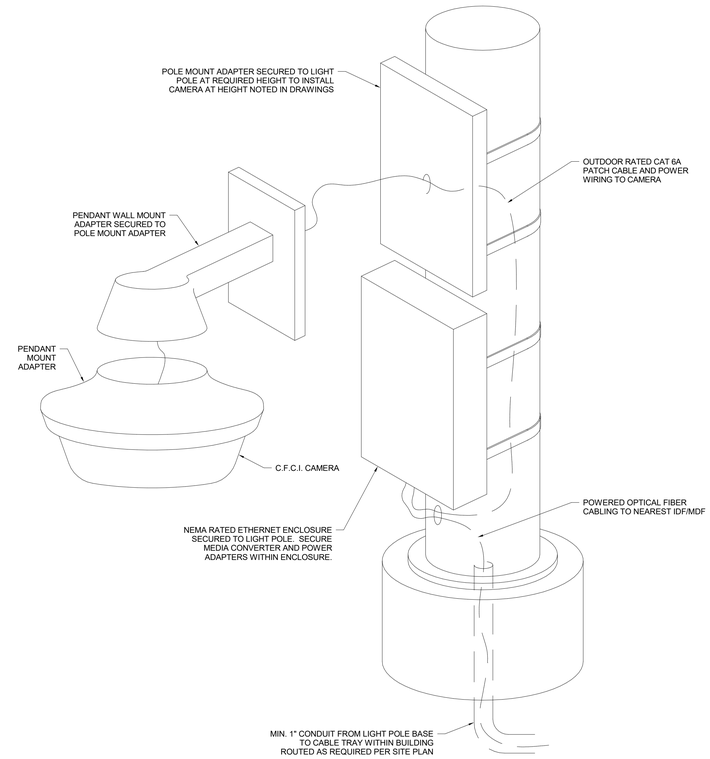
5 SECURITY CAMERA - EXTERIOR WALL MOUNT
N.T.S. SC



6 SECURITY CAMERA - LIGHT POLE MOUNT WITHIN 295'
N.T.S. SC



7 SECURITY CAMERA - EXTERIOR CORNER MOUNT
N.T.S. SC



8 SECURITY CAMERA - LIGHT POLE MOUNT BEYOND 295'
N.T.S. SC

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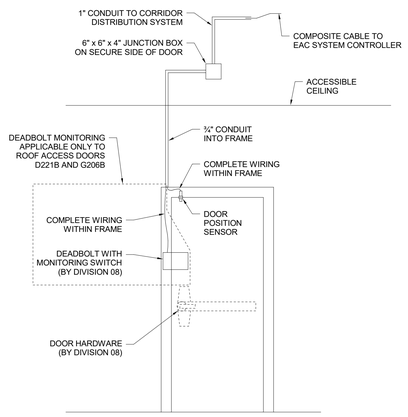
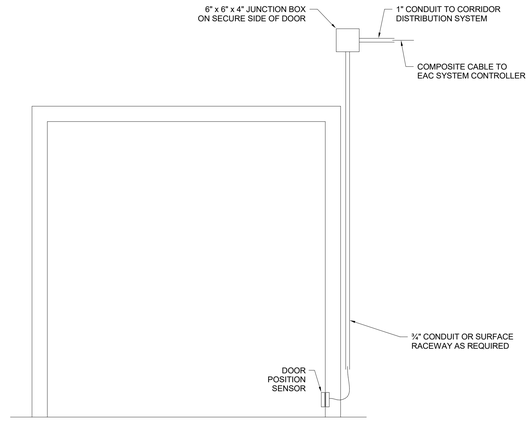
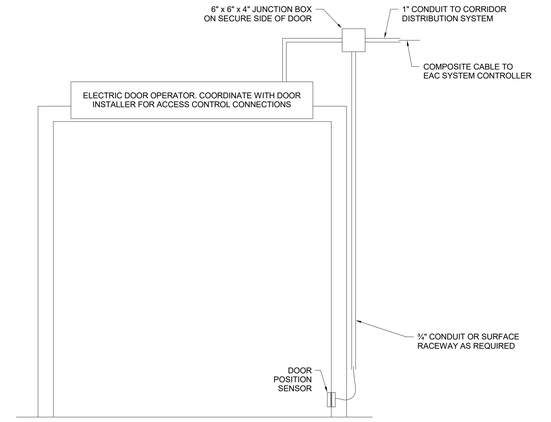


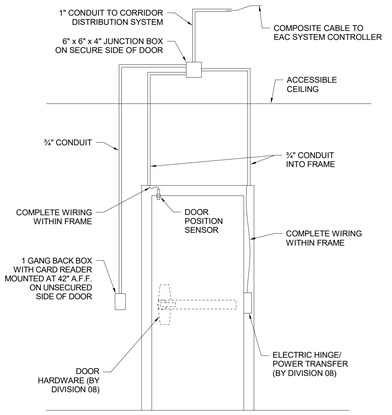
1 EAC DOOR TYPE S1 - MONITORING ONLY
N.T.S. D



2 EAC DOOR TYPE S1RU - MONITORED ROLL-UP DOOR
N.T.S. D

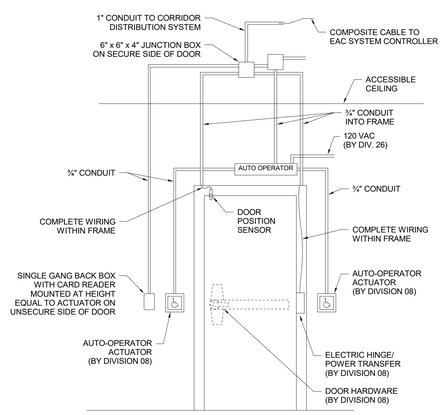


3 EAC DOOR TYPE S2RU - CONTROLLED ROLL-UP DOOR
N.T.S. D



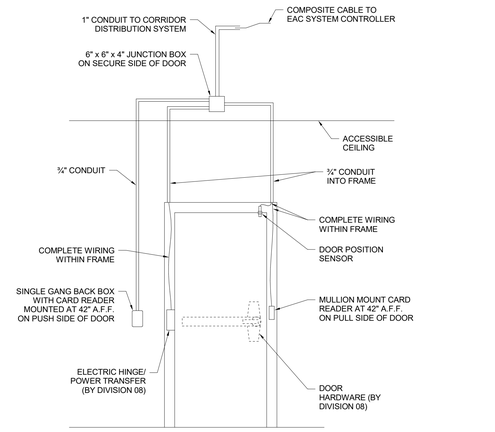
4 EAC DOOR TYPE S3 - CARD READER
N.T.S. CR

*NOTE: CARD READER TO BE INSTALLED 4' AWAY FROM DOOR SWING TO ENSURE READER DISTANCE CONSISTENCY



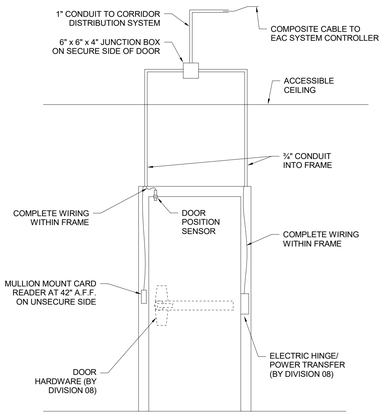
5 EAC DOOR TYPE S3A - CARD READER WITH ADA OPERATION
N.T.S. CR

*NOTE: CARD READER TO BE INSTALLED 4' AWAY FROM DOOR SWING TO ENSURE READER DISTANCE CONSISTENCY

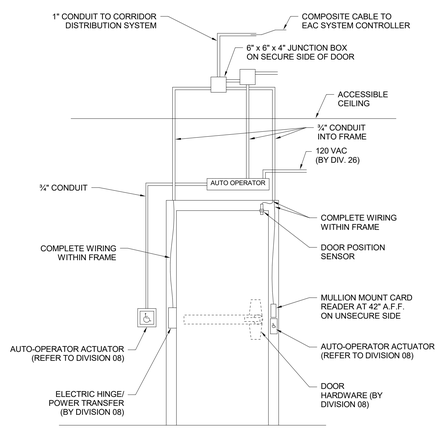


6 EAC DOOR TYPE S3IO - DUAL CARD READER
N.T.S. CR

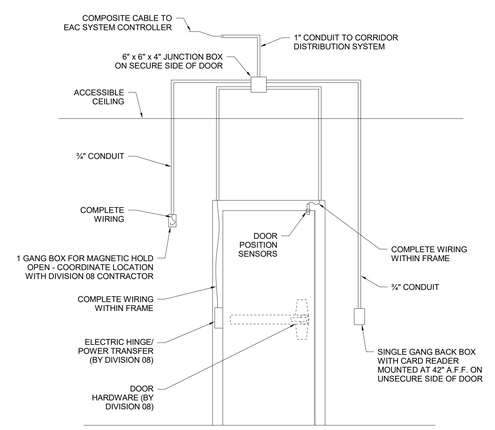
*NOTE: CARD READER TO BE INSTALLED 4' AWAY FROM DOOR SWING TO ENSURE READER DISTANCE CONSISTENCY



7 EAC DOOR TYPE S3M - MULLION MOUNT CARD READER
N.T.S. CR



8 EAC DOOR TYPE S3MA - MULLION MOUNT CARD READER WITH ADA OPERATION
N.T.S. CR



9 EAC DOOR TYPE S3MH - MAGNETIC HOLD-OPEN WITH CARD READER
N.T.S. CR

*NOTE: CARD READER TO BE INSTALLED 4' AWAY FROM DOOR SWING TO ENSURE READER DISTANCE CONSISTENCY

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DESIGN 27
1650 E. 49TH ST.
INDIANAPOLIS, IN
46205
317.536.8000
DESIGN27.COM
TECHNOLOGY
ACOUSTICS

PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the general requirements of the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for the performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

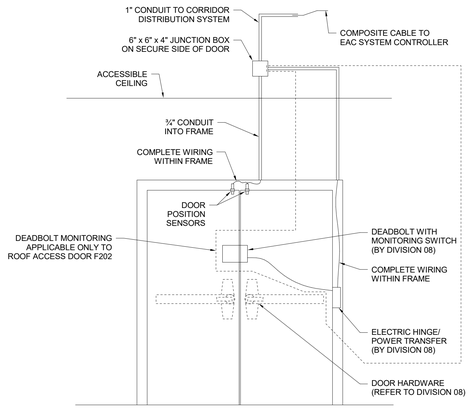
ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
SECURITY DETAILS

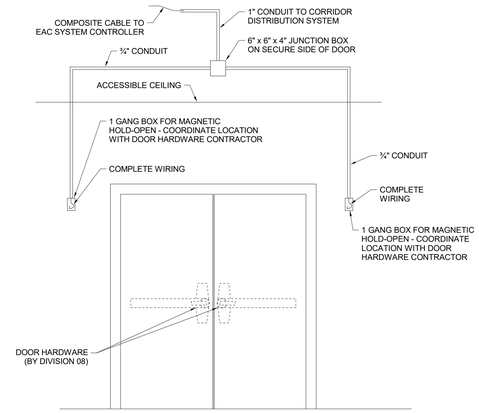
CERTIFIED BY:
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-25
RCDD

DRAWING NUMBER
T404

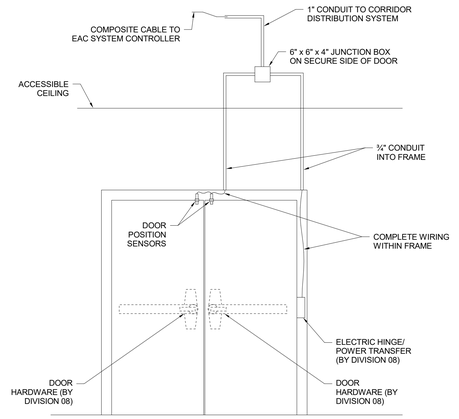
PROJECT NUMBER
2023061



1 EAC DOOR TYPE D1 - MONITORING ONLY
N.T.S.



2 EAC DOOR TYPE D2MH - MAGNETIC HOLD OPEN
N.T.S.



3 EAC DOOR TYPE D2EH - ELECTRIFIED HARDWARE
N.T.S.

4 EAC DOOR TYPE D3 - CARD READER
N.T.S.

*NOTE: CARD READER TO BE INSTALLED 4' AWAY FROM DOOR SWING TO ENSURE READER DISTANCE CONSISTENCY

5 EAC DOOR TYPE D3A - CARD READER WITH ADA OPERATION
N.T.S.

*NOTE: CARD READER TO BE INSTALLED 4' AWAY FROM DOOR SWING TO ENSURE READER DISTANCE CONSISTENCY

6 EAC DOOR TYPE D3BA - BOLLARD MOUNT CARD READER WITH ADA OPERATION
N.T.S.

7 EAC DOOR TYPE D3MA - MULLION MOUNT CARD READER WITH ADA OPERATION
N.T.S.

8 EAC DOOR TYPE D3MH - MAGNETIC HOLD-OPEN WITH CARD READER
N.T.S.

*NOTE: CARD READER TO BE INSTALLED 4' AWAY FROM DOOR SWING TO ENSURE READER DISTANCE CONSISTENCY

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DESIGN 27 TECHNOLOGY + ACOUSTICS
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INDIANAPOLIS, IN
46205
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of construction and finishes throughout the building.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
Within the limits of the general scope indicated or described, the trade contractor shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
SECURITY DETAILS

CERTIFIED BY:
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-26
RCDD

DRAWING NUMBER
T405

PROJECT NUMBER
2023061

IDF A128 TELECOM SCHEDULE

ROOM NUMBER	TELECOM ROOM	DATA PORTS	LABEL	COMMENTS
A100	A128	2	A128-A-01/02	WIRELESS ACCESS POINT - CEILING MOUNTED
A100	A128	2	A128-A-03/04	DATA LOCATION
A100	A128	2	A128-A-05/06	MONITOR LOCATION
A100A	A128	1	A128-A-07	SECURITY CAMERA - CEILING MOUNTED
A101	A128	2	A128-A-08/09	WIRELESS ACCESS POINT - CEILING MOUNTED
A101	A128	2	A128-A-10/11	DATA LOCATION
A101	A128	2	A128-A-12/13	MONITOR LOCATION
A102	A128	2	A128-A-14/15	DATA LOCATION
A103	A128	2	A128-A-16/17	DATA LOCATION
A104	A128	2	A128-A-18/19	WIRELESS ACCESS POINT - CEILING MOUNTED
A104	A128	2	A128-A-20/21	DATA LOCATION
A104	A128	2	A128-A-22/23	MONITOR LOCATION
A105	A128	2	A128-A-24 ; A128-B-01	WIRELESS ACCESS POINT - CEILING MOUNTED
A105	A128	2	A128-B-02/03	DATA LOCATION
A105	A128	2	A128-B-04/05	MONITOR LOCATION
A108	A128	2	A128-B-06/07	WIRELESS ACCESS POINT - CEILING MOUNTED
A108	A128	2	A128-B-08/09	DATA LOCATION
A108	A128	2	A128-B-10/11	MONITOR LOCATION
A109	A128	2	A128-B-12/13	WIRELESS ACCESS POINT - CEILING MOUNTED
A109	A128	2	A128-B-14/15	DATA LOCATION
A109	A128	2	A128-B-16/17	MONITOR LOCATION
A110	A128	2	A128-B-18/19	DATA LOCATION
A112	A128	2	A128-B-20/21	WIRELESS ACCESS POINT - CEILING MOUNTED
A112	A128	2	A128-B-22/23	MONITOR LOCATION
A113	A128	2	A128-B-24/25	WIRELESS ACCESS POINT - CEILING MOUNTED
A113	A128	2	A128-B-26/27	DATA LOCATION
A113	A128	2	A128-B-28/29	MONITOR LOCATION
A114	A128	2	A128-B-30/31	WIRELESS ACCESS POINT - CEILING MOUNTED
A114	A128	2	A128-B-32/33	DATA LOCATION
A114	A128	2	A128-B-34/35	MONITOR LOCATION
A115	A128	2	A128-B-36/37	WIRELESS ACCESS POINT - CEILING MOUNTED
A115	A128	2	A128-B-38/39	DATA LOCATION
A115	A128	2	A128-B-40/41	MONITOR LOCATION
A118	A128	2	A128-B-42/43	WIRELESS ACCESS POINT - CEILING MOUNTED
A118	A128	2	A128-B-44/45	DATA LOCATION
A118	A128	2	A128-B-46/47	MONITOR LOCATION
A120	A128	2	A128-B-48 ; A128-C-01	WIRELESS ACCESS POINT - CEILING MOUNTED
A120	A128	2	A128-C-02/03	DATA LOCATION
A120	A128	2	A128-C-04/05	DATA LOCATION
A123	A128	1	A128-C-06	SECURITY CAMERA - CEILING MOUNTED
A123	A128	1	A128-C-07	SECURITY CAMERA - CEILING MOUNTED
A124	A128	2	A128-C-08/09	DIGITAL SIGNAGE LOCATION
A124	A128	1	A128-C-10	SECURITY CAMERA - CEILING MOUNTED
A124	A128	2	A128-C-11/12	WIRELESS ACCESS POINT - CEILING MOUNTED
A125	A128	2	A128-C-13/14	DIGITAL SIGNAGE LOCATION
A125	A128	1	A128-C-15	SECURITY CAMERA - CEILING MOUNTED
A125	A128	2	A128-C-16/17	WIRELESS ACCESS POINT - CEILING MOUNTED
A126	A128	1	A128-C-18	SECURITY CAMERA - WALL MOUNTED
A128	A128	2	A128-C-19/20	WIRELESS ACCESS POINT - WALL MOUNTED
A128	A128	2	A128-C-21/22	DATA LOCATION
A129	A128	2	A128-C-23/24	WIRELESS ACCESS POINT - CEILING MOUNTED
A129	A128	2	A128-C-25/26	MONITOR LOCATION
A129	A128	2	A128-C-27/28	DATA LOCATION
A129	A128	2	A128-C-29/30	DATA LOCATION
A130	A128	2	A128-C-31/32	WIRELESS ACCESS POINT - CEILING MOUNTED
A130	A128	2	A128-C-33/34	MONITOR LOCATION
A130	A128	2	A128-C-35/36	DATA LOCATION
D114	A128	2	A128-C-37/38	WIRELESS ACCESS POINT - CEILING MOUNTED
D114	A128	2	A128-C-39/40	MONITOR LOCATION
D114	A128	2	A128-C-41/42	DATA LOCATION
D131	A128	1	A128-C-43	SECURITY CAMERA - CEILING MOUNTED
EXT	A128	1	A128-C-44	SECURITY CAMERA - WALL MOUNTED
EXT	A128	1	A128-C-45	SECURITY CAMERA - WALL MOUNTED
EXT	A128	1	A128-C-46	SECURITY CAMERA - WALL MOUNTED
EXT	A128	1	A128-C-47	SECURITY CAMERA - WALL MOUNTED
EXT	A128	1	A128-C-48	SECURITY CAMERA - WALL MOUNTED
EXT	A128	1	A128-D-01	SECURITY CAMERA - WALL MOUNTED
ST106	A128	1	A128-D-02	SECURITY CAMERA - CEILING MOUNTED
Grand total		122		

IDF B128 TELECOM SCHEDULE

ROOM NUMBER	TELECOM ROOM	DATA PORTS	LABEL	COMMENTS
B100	B128	2	B128-A-01/02	WIRELESS ACCESS POINT - CEILING MOUNTED
B100	B128	2	B128-A-03/04	MONITOR LOCATION
B100	B128	2	B128-A-05/06	DATA LOCATION
B101	B128	2	B128-A-07/08	WIRELESS ACCESS POINT - CEILING MOUNTED
B101	B128	2	B128-A-09/10	DATA LOCATION
B101	B128	2	B128-A-11/12	MONITOR LOCATION
B101A	B128	1	B128-A-13	SECURITY CAMERA - CEILING MOUNTED
B102	B128	2	B128-A-14/15	DATA LOCATION
B103	B128	2	B128-A-16/17	DATA LOCATION
B104	B128	2	B128-A-18/19	WIRELESS ACCESS POINT - CEILING MOUNTED
B104	B128	2	B128-A-20/21	MONITOR LOCATION
B104	B128	2	B128-A-22/23	DATA LOCATION
B105	B128	2	B128-A-24 ; B128-B-01	WIRELESS ACCESS POINT - CEILING MOUNTED
B105	B128	2	B128-B-02/03	MONITOR LOCATION
B105	B128	2	B128-B-04/05	DATA LOCATION
B108	B128	2	B128-B-06/07	WIRELESS ACCESS POINT - CEILING MOUNTED
B108	B128	2	B128-B-08/09	MONITOR LOCATION
B108	B128	2	B128-B-10/11	DATA LOCATION
B109	B128	2	B128-B-12/13	WIRELESS ACCESS POINT - CEILING MOUNTED
B109	B128	2	B128-B-14/15	MONITOR LOCATION
B109	B128	2	B128-B-16/17	DATA LOCATION
B110	B128	2	B128-B-18/19	DATA LOCATION
B112	B128	2	B128-B-20/21	WIRELESS ACCESS POINT - CEILING MOUNTED
B112	B128	2	B128-B-22/23	MONITOR LOCATION
B113	B128	2	B128-B-24/25	WIRELESS ACCESS POINT - CEILING MOUNTED
B113	B128	2	B128-B-26/27	MONITOR LOCATION
B113	B128	2	B128-B-28/29	DATA LOCATION
B114	B128	2	B128-B-30/31	WIRELESS ACCESS POINT - CEILING MOUNTED
B114	B128	2	B128-B-32/33	MONITOR LOCATION
B114	B128	2	B128-B-34/35	DATA LOCATION
B115	B128	2	B128-B-36/37	WIRELESS ACCESS POINT - CEILING MOUNTED
B115	B128	2	B128-B-38/39	MONITOR LOCATION
B115	B128	2	B128-B-40/41	DATA LOCATION
B118	B128	2	B128-B-42/43	WIRELESS ACCESS POINT - CEILING MOUNTED
B118	B128	2	B128-B-44/45	MONITOR LOCATION
B118	B128	2	B128-B-46/47	DATA LOCATION
B120	B128	2	B128-B-48 ; B128-C-01	WIRELESS ACCESS POINT - CEILING MOUNTED
B120	B128	2	B128-C-02/03	DATA LOCATION
B120	B128	2	B128-C-04/05	DATA LOCATION
B123	B128	1	B128-C-06	SECURITY CAMERA - CEILING MOUNTED
B124	B128	2	B128-C-07/08	DIGITAL SIGNAGE LOCATION
B124	B128	1	B128-C-09	SECURITY CAMERA - CEILING MOUNTED
B124	B128	2	B128-C-10/11	WIRELESS ACCESS POINT - CEILING MOUNTED
B125	B128	2	B128-C-12/13	DIGITAL SIGNAGE LOCATION
B125	B128	1	B128-C-14	SECURITY CAMERA - CEILING MOUNTED
B125	B128	2	B128-C-15/16	WIRELESS ACCESS POINT - CEILING MOUNTED
B126	B128	2	B128-C-17/18	WIRELESS ACCESS POINT - WALL MOUNTED
B126	B128	1	B128-C-19	SECURITY CAMERA - WALL MOUNTED
B128	B128	2	B128-C-20/21	DATA LOCATION
B129	B128	2	B128-C-22/23	MONITOR LOCATION
B129	B128	2	B128-C-24/25	DATA LOCATION
B129	B128	2	B128-C-26/27	WIRELESS ACCESS POINT - CEILING MOUNTED
B130	B128	2	B128-C-28/29	DATA LOCATION
B130	B128	2	B128-C-30/31	DATA LOCATION
B132	B128	2	B128-C-32/33	DATA LOCATION
D106	B128	2	B128-C-34/35	DATA LOCATION
D106	B128	2	B128-C-36/37	DATA LOCATION
D106	B128	2	B128-C-38/39	DATA LOCATION
D112	B128	2	B128-C-40/41	DATA LOCATION
D112	B128	2	B128-C-42/43	DATA LOCATION
D113	B128	2	B128-C-44/45	DATA LOCATION
D113	B128	2	B128-C-46/47	DATA LOCATION
D130	B128	1	B128-C-48	SECURITY CAMERA - CEILING MOUNTED
D252	B128	1	B128-D-01	SECURITY CAMERA - CEILING MOUNTED
EXT	B128	1	B128-D-02	SECURITY CAMERA - WALL MOUNTED
EXT	B128	1	B128-D-03	SECURITY CAMERA - WALL MOUNTED
EXT	B128	1	B128-D-04	SECURITY CAMERA - WALL MOUNTED
EXT	B128	2	B128-D-05/06	SPEAKER PAGING - WALL MOUNTED
Grand total		126		

IDF C128 TELECOM SCHEDULE

ROOM NUMBER	TELECOM ROOM	DATA PORTS	LABEL	COMMENTS
C100	C128	2	C128-A-01/02	WIRELESS ACCESS POINT - CEILING MOUNTED
C100	C128	2	C128-A-03/04	MONITOR LOCATION
C100	C128	2	C128-A-05/06	DATA LOCATION
C101	C128	2	C128-A-07/08	WIRELESS ACCESS POINT - CEILING MOUNTED
C101	C128	2	C128-A-09/10	MONITOR LOCATION
C101	C128	2	C128-A-11/12	DATA LOCATION
C101A	C128	1	C128-A-13	SECURITY CAMERA - CEILING MOUNTED
C102	C128	2	C128-A-14/15	DATA LOCATION
C103	C128	2	C128-A-16/17	DATA LOCATION
C104	C128	2	C128-A-18/19	WIRELESS ACCESS POINT - CEILING MOUNTED
C104	C128	2	C128-A-20/21	MONITOR LOCATION
C104	C128	2	C128-A-22/23	DATA LOCATION
C105	C128	2	C128-A-24 ; C128-B-01	WIRELESS ACCESS POINT - CEILING MOUNTED
C105	C128	2	C128-B-02/03	MONITOR LOCATION
C105	C128	2	C128-B-04/05	DATA LOCATION
C108	C128	2	C128-B-06/07	WIRELESS ACCESS POINT - CEILING MOUNTED
C108	C128	2	C128-B-08/09	MONITOR LOCATION
C108	C128	2	C128-B-10/11	DATA LOCATION
C109	C128	2	C128-B-12/13	WIRELESS ACCESS POINT - CEILING MOUNTED
C109	C128	2	C128-B-14/15	MONITOR LOCATION
C109	C128	2	C128-B-16/17	DATA LOCATION
C110	C128	2	C128-B-18/19	DATA LOCATION
C112	C128	2	C128-B-20/21	WIRELESS ACCESS POINT - CEILING MOUNTED
C112	C128	2	C128-B-22/23	MONITOR LOCATION
C113	C128	2	C128-B-24/25	WIRELESS ACCESS POINT - CEILING MOUNTED
C113	C128	2	C128-B-26/27	MONITOR LOCATION
C113	C128	2	C128-B-28/29	DATA LOCATION
C114	C128	2	C128-B-30/31	WIRELESS ACCESS POINT - CEILING MOUNTED
C114	C128	2	C128-B-32/33	MONITOR LOCATION
C114	C128	2	C128-B-34/35	DATA LOCATION
C115	C128	2	C128-B-36/37	WIRELESS ACCESS POINT - CEILING MOUNTED
C115	C128	2	C128-B-38/39	MONITOR LOCATION
C115	C128	2	C128-B-40/41	DATA LOCATION
C118	C128	2	C128-B-42/43	WIRELESS ACCESS POINT - CEILING MOUNTED
C118	C128	2	C128-B-44/45	MONITOR LOCATION
C118	C128	2	C128-B-46/47	DATA LOCATION
C120	C128	2	C128-B-48 ; C128-C-01	WIRELESS ACCESS POINT - CEILING MOUNTED
C120	C128	2	C128-C-02/03	DATA LOCATION
C120	C128	2	C128-C-04/05	DATA LOCATION
C123	C128	1	C128-C-06	SECURITY CAMERA - CEILING MOUNTED
C123	C128	1	C128-C-07	SECURITY CAMERA - CEILING MOUNTED
C124	C128	2	C128-C-08/09	DIGITAL SIGNAGE LOCATION
C124	C128	1	C128-C-10	SECURITY CAMERA - CEILING MOUNTED
C124	C128	2	C128-C-11/12	WIRELESS ACCESS POINT - CEILING MOUNTED
C126	C128	2	C128-C-13/14	WIRELESS ACCESS POINT - WALL MOUNTED
C126	C128	1	C128-C-15	SECURITY CAMERA - CEILING MOUNTED
C126	C128	2	C128-C-16/17	WIRELESS ACCESS POINT - CEILING MOUNTED
C126	C128	1	C128-C-18	SECURITY CAMERA - WALL MOUNTED
C126	C128	2	C128-C-19/20	DIGITAL SIGNAGE LOCATION
C128	C128	2	C128-C-21/22	DATA LOCATION
C129	C128	2	C128-C-23/24	DATA LOCATION
C130	C128	2	C128-C-25/26	WIRELESS ACCESS POINT - CEILING MOUNTED
C130	C128	2	C128-C-27/28	MONITOR LOCATION
C130	C128	2	C128-C-29/30	DATA LOCATION
C131	C128	2	C128-C-31/32	WIRELESS ACCESS POINT - CEILING MOUNTED
C131	C128	2	C128-C-33/34	MONITOR LOCATION
C131	C128	2	C128-C-35/36	DATA LOCATION
D135	C128	1	C128-C-37	SECURITY CAMERA - CEILING MOUNTED
EXT	C128	1	C128-C-38	SECURITY CAMERA - WALL MOUNTED
EXT	C128	1	C128-C-39	SECURITY CAMERA - WALL MOUNTED
Grand total		111		

IDF E108 TELECOM SCHEDULE

ROOM NUMBER	TELECOM ROOM	DATA PORTS	LABEL	COMMENTS
350	E108	2	E108-A-01/02	WIRELESS ACCESS POINT - CEILING MOUNTED
350	E108	2	E108-A-03/04	WIRELESS ACCESS POINT - CEILING MOUNTED
350	E108	2	E108-A-05/06	DATA LOCATION
350	E108	2	E108-A-07/08	WIRELESS ACCESS POINT - CEILING MOUNTED
E101	E108	2	E108-A-09/10	WIRELESS ACCESS POINT - CEILING MOUNTED
E101	E108	4	E108-A-11/12/13/14	DATA LOCATION
E101	E108	4	E108-A-15/16/17/18	DATA LOCATION
E101	E108	1	E108-A-19	SECURITY CAMERA - CEILING MOUNTED
E101	E108	4	E108-A-20/21/22/23	DATA LOCATION
E104	E108	2	E108-A-24; E108-B-01	DATA LOCATION
E104	E108	2	E108-B-02/03	DATA LOCATION
E104	E108	2	E108-B-04/05	DATA LOCATION
E107	E108	2	E108-B-06/07	DATA LOCATION
E107	E108	2	E108-B-08/09	DATA LOCATION
E108	E108	2	E108-B-10/11	DATA LOCATION
E109	E108	2	E108-B-12/13	MONITOR LOCATION
E110	E108	2	E108-B-14/15	MONITOR LOCATION
E111	E108	2	E108-B-16/17	DATA LOCATION
E113	E108	2	E108-B-18/19	DATA LOCATION
E114	E108	2	E108-B-20/21	DATA LOCATION
E115	E108	1	E108-B-22	SECURITY CAMERA - CEILING MOUNTED
E116	E108	2	E108-B-23/24	DATA LOCATION
E117	E108	2	E108-B-25/26	DATA LOCATION
E118	E108	2	E108-B-27/28	MONITOR LOCATION
E119	E108	2	E108-B-29/30	DATA LOCATION
E120	E108	2	E108-B-31/32	DATA LOCATION
E120	E108	2	E108-B-33/34	DATA LOCATION
E121	E108	2	E108-B-35/36	DATA LOCATION
E122	E108	2	E108-B-37/38	DATA LOCATION
E123	E108	2	E108-B-39/40	DATA LOCATION
E124	E108	2	E108-B-41/42	DATA LOCATION
E125	E108	2	E108-B-43/44	DATA LOCATION
E127	E108	2	E108-B-45/46	WIRELESS ACCESS POINT - CEILING MOUNTED
E127	E108	1	E108-B-47	SECURITY CAMERA - CEILING MOUNTED
E127	E108	4	E108-C-01/02/03/04	DATA LOCATION
E127	E108	4	E108-C-05/06/07/08	DATA LOCATION
E127	E108	4	E108-C-09/10/11/12	DATA LOCATION
E128	E108	2	E108-C-13/14	DATA LOCATION
E129	E108	2	E108-C-15/16	DATA LOCATION
E130	E108	2	E108-C-17/18	DATA LOCATION
E132	E108	2	E108-C-19/20	DATA LOCATION
E132	E108	2	E108-C-21/22	MONITOR LOCATION
E132	E108	2	E108-C-23/24	WIRELESS ACCESS POINT - CEILING MOUNTED
E133	E108	1	E108-C-25	SECURITY CAMERA - CEILING MOUNTED
E135	E108	2	E108-C-26/27	WIRELESS ACCESS POINT - CEILING MOUNTED
E136	E108	2	E108-C-28/29	DATA LOCATION
E138	E108	2	E108-C-30/31	DATA LOCATION
E139	E108	4	E108-C-32/33/34/35	DATA LOCATION
E139	E108	4	E108-C-36/37/38/39	DATA LOCATION
E140	E108	2	E108-C-40/41	DATA LOCATION
E141	E108	2	E108-C-42/43	MONITOR LOCATION
E141	E108	2	E108-C-44/45	DATA LOCATION
E150	E108	1	E108-C-46	SECURITY CAMERA - WALL MOUNTED
E150	E108	2	E108-C-47/48	DIGITAL SIGNAGE LOCATION
E150	E108	2	E108-D-01/02	DIGITAL SIGNAGE LOCATION
E151	E108	2	E108-D-03/04	DATA LOCATION
EXT	E108	1	E108-D-05	VIDEO INTERCOM DOOR STATION LOCATION
EXT	E108	1	E108-D-06	SECURITY CAMERA - CEILING MOUNTED
V001	E108	1	E108-D-07	SECURITY CAMERA - CEILING MOUNTED
Grand total		126		

IDF G106 TELECOM SCHEDULE

ROOM NUMBER	TELECOM ROOM	DATA PORTS	LABEL	COMMENTS
EXT	G106	1	G106-A-01	SECURITY CAMERA - WALL MOUNTED
EXT	G106	1	G106-A-02	SECURITY CAMERA - WALL MOUNTED
G102	G106	2	G106-A-03/04	DATA LOCATION
G102	G106	2	G106-A-05/06	DATA LOCATION
G102	G106	2	G106-A-07/08	WIRELESS ACCESS POINT - WALL MOUNTED
G102	G106	2	G106-A-09/10	WIRELESS ACCESS POINT - WALL MOUNTED
G102	G106	1	G106-A-11	SECURITY CAMERA - CEILING MOUNTED
G102	G106	1	G106-A-12	SECURITY CAMERA - CEILING MOUNTED
G102	G106	1	G106-A-13	SECURITY CAMERA - WALL MOUNTED
G102	G106	1	G106-A-14	SECURITY CAMERA - WALL MOUNTED
G102	G106	1	G106-A-15	DATA LOCATION
G102	G106	1	G106-A-16	DATA LOCATION
G103	G106	2	G106-A-17/18	DATA LOCATION
G104	G106	2	G106-A-19/20	DATA LOCATION
G106	G106	2	G106-A-21/22	DATA LOCATION
G107	G106	2	G106-A-23/24	DATA LOCATION
G108	G106	2	G106-B-01/02	WIRELESS ACCESS POINT - CEILING MOUNTED
G108	G106	2	G106-B-03/04	DATA LOCATION
G108	G106	2	G106-B-05/06	DATA LOCATION
G110	G106	2	G106-B-07/08	DATA LOCATION
G111	G106	2	G106-B-09/10	WIRELESS ACCESS POINT - CEILING MOUNTED
G111	G106	2	G106-B-11/12	MONITOR LOCATION
G113	G106	2	G106-B-13/14	DATA LOCATION
G115	G106	2	G106-B-15/16	WIRELESS ACCESS POINT - CEILING MOUNTED
G115	G106	2	G106-B-17/18	DATA LOCATION
G130	G106	1	G106-B-19	SECURITY CAMERA - CEILING MOUNTED
G130	G106	1	G106-B-20	SECURITY CAMERA - CEILING MOUNTED
H100	G106	2	G106-B-21/22	WIRELESS ACCESS POINT - WALL MOUNTED
H101	G106	2	G106-B-23/24	DATA LOCATION
H103	G106	2	G106-B-25/26	WIRELESS ACCESS POINT - WALL MOUNTED
H103	G106	2	G106-B-27/28	DATA LOCATION
H103	G106	2	G106-B-29/30	DATA LOCATION
H103	G106	2	G106-B-31/32	PROJECTOR LOCATION
H106	G106	2	G106-B-33/34	DATA LOCATION
H107	G106	2	G106-B-35/36	WIRELESS ACCESS POINT - WALL MOUNTED
H107	G106	2	G106-B-37/38	DATA LOCATION
H107	G106	2	G106-B-39/40	PROJECTOR LOCATION
H107	G106	2	G106-B-41/42	DATA LOCATION
H113	G106	2	G106-B-43/44	WIRELESS ACCESS POINT - WALL MOUNTED
H113	G106	2	G106-B-45/46	DATA LOCATION
H113	G106	2	G106-B-47/48	DATA LOCATION
H113	G106	2	G106-C-01/02	PROJECTOR LOCATION
H117	G106	2	G106-C-03/04	DATA LOCATION
H117	G106	2	G106-C-05/06	DATA LOCATION
H117	G106	2	G106-C-07/08	WIRELESS ACCESS POINT - WALL MOUNTED
H117	G106	2	G106-C-09/10	PROJECTOR LOCATION
H118	G106	2	G106-C-11/12	DATA LOCATION
H119	G106	2	G106-C-13/14	WIRELESS ACCESS POINT - CEILING MOUNTED
H119	G106	2	G106-C-15/16	MONITOR LOCATION
H119	G106	2	G106-C-17/18	DATA LOCATION
H121	G106	1	G106-C-19	SECURITY CAMERA - CEILING MOUNTED
Grand total		91		

IDF G130 TELECOM SCHEDULE

ROOM NUMBER	TELECOM ROOM	DATA PORTS	LABEL	COMMENTS
EXT	G130	1	G130-A-01	SECURITY CAMERA - WALL MOUNTED
EXT	G130	1	G130-A-02	SECURITY CAMERA - WALL MOUNTED
EXT	G130	1	G130-A-03	SECURITY CAMERA - WALL MOUNTED
F100	G130	2	G130-A-04/05	DIGITAL SIGNAGE LOCATION
F100	G130	2	G130-A-06/07	WIRELESS ACCESS POINT - CEILING MOUNTED
F100	G130	2	G130-A-08/09	DATA LOCATION
F100	G130	2	G130-A-10/11	DATA LOCATION
F100	G130	2	G130-A-12/13	DATA LOCATION
F100	G130	2	G130-A-14/15	DATA LOCATION
F101	G130	1	G130-A-16	SECURITY CAMERA - CEILING MOUNTED
F101	G130	1	G130-A-17	SECURITY CAMERA - CEILING MOUNTED
F101	G130	1	G130-A-18	SECURITY CAMERA - CEILING MOUNTED
F101	G130	2	G130-A-19/20	DIGITAL SIGNAGE LOCATION
F101	G130	2	G130-A-21/22	DIGITAL SIGNAGE LOCATION
F101	G130	2	G130-A-23/24	DIGITAL SIGNAGE LOCATION
F101	G130	2	G130-B-01/02	DIGITAL SIGNAGE LOCATION
F106	G130	1	G130-B-03	SECURITY CAMERA - CEILING MOUNTED
F108	G130	2	G130-B-04/05	WIRELESS ACCESS POINT - CEILING MOUNTED
F108	G130	2	G130-B-06/07	DATA LOCATION
F110	G130	1	G130-B-10	SECURITY CAMERA - CEILING MOUNTED
F110	G130	1	G130-B-11	SECURITY CAMERA - CEILING MOUNTED
F111	G130	1	G130-B-12	SECURITY CAMERA - CEILING MOUNTED
F112	G130	2	G130-B-13/14	DATA LOCATION
F113	G130	2	G130-B-17/18	DATA LOCATION
F115	G130	1	G130-B-19	DATA LOCATION
F115	G130	2	G130-B-20	DATA LOCATION
F115	G130	2	G130-B-21/22	DATA LOCATION
G130	G130	2	G130-B-23/24	DATA LOCATION
Grand total		45		

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46205
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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the general requirements of the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for the performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
TELECOM SCHEDULES

CERTIFIED BY:
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
Douglas J Driscoll
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EXPIRES 12-31-25
RCDD

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2023061

IDF A226 TELECOM SCHEDULE

ROOM NUMBER	TELECOM ROOM	DATA PORTS	LABEL	COMMENTS
A200	A226	2	A226-A-01/02	WIRELESS ACCESS POINT - CEILING MOUNTED
A200	A226	2	A226-A-03/04	DATA LOCATION
A200	A226	2	A226-A-05/06	MONITOR LOCATION
A201	A226	2	A226-A-07/08	WIRELESS ACCESS POINT - CEILING MOUNTED
A201	A226	2	A226-A-09/10	DATA LOCATION
A201	A226	2	A226-A-11/12	MONITOR LOCATION
A202	A226	2	A226-A-13/14	DATA LOCATION
A203	A226	2	A226-A-15/16	DATA LOCATION
A204	A226	2	A226-A-17/18	WIRELESS ACCESS POINT - CEILING MOUNTED
A204	A226	2	A226-A-19/20	DATA LOCATION
A204	A226	2	A226-A-21/22	MONITOR LOCATION
A205	A226	2	A226-A-23/24	WIRELESS ACCESS POINT - CEILING MOUNTED
A205	A226	2	A226-B-01/02	DATA LOCATION
A205	A226	2	A226-B-03/04	MONITOR LOCATION
A208	A226	2	A226-B-05/06	WIRELESS ACCESS POINT - CEILING MOUNTED
A208	A226	2	A226-B-07/08	DATA LOCATION
A208	A226	2	A226-B-09/10	MONITOR LOCATION
A209	A226	2	A226-B-11/12	WIRELESS ACCESS POINT - CEILING MOUNTED
A209	A226	2	A226-B-13/14	DATA LOCATION
A209	A226	2	A226-B-15/16	MONITOR LOCATION
A212	A226	2	A226-B-17/18	WIRELESS ACCESS POINT - CEILING MOUNTED
A212	A226	2	A226-B-19/20	DATA LOCATION
A212	A226	2	A226-B-21/22	MONITOR LOCATION
A213	A226	2	A226-B-23/24	WIRELESS ACCESS POINT - CEILING MOUNTED
A213	A226	2	A226-B-25/26	DATA LOCATION
A213	A226	2	A226-B-27/28	MONITOR LOCATION
A214	A226	2	A226-B-29/30	WIRELESS ACCESS POINT - CEILING MOUNTED
A214	A226	2	A226-B-31/32	DATA LOCATION
A214	A226	2	A226-B-33/34	MONITOR LOCATION
A215	A226	2	A226-B-35/36	WIRELESS ACCESS POINT - CEILING MOUNTED
A215	A226	2	A226-B-37/38	DATA LOCATION
A215	A226	2	A226-B-39/40	MONITOR LOCATION
A218	A226	2	A226-B-41/42	WIRELESS ACCESS POINT - CEILING MOUNTED
A218	A226	2	A226-B-43/44	DATA LOCATION
A218	A226	2	A226-B-45/46	MONITOR LOCATION
A220	A226	2	A226-B-47/48	WIRELESS ACCESS POINT - CEILING MOUNTED
A220	A226	2	A226-C-01/02	DATA LOCATION
A220	A226	2	A226-C-03/04	DATA LOCATION
A223	A226	1	A226-C-05	SECURITY CAMERA - CEILING MOUNTED
A223	A226	1	A226-C-06	SECURITY CAMERA - CEILING MOUNTED
A224	A226	1	A226-C-07	SECURITY CAMERA - CEILING MOUNTED
A224	A226	2	A226-C-08/09	WIRELESS ACCESS POINT - CEILING MOUNTED
A224	A226	2	A226-C-10/11	DIGITAL SIGNAGE LOCATION
A225	A226	2	A226-C-12/13	DIGITAL SIGNAGE LOCATION
A225	A226	1	A226-C-14	SECURITY CAMERA - CEILING MOUNTED
A225	A226	2	A226-C-15/16	WIRELESS ACCESS POINT - CEILING MOUNTED
A226	A226	2	A226-C-17/18	DATA LOCATION
A228	A226	1	A226-C-19	DATA LOCATION
A228	A226	1	A226-C-20	DATA LOCATION
D209	A226	2	A226-C-21/22	DATA LOCATION
D212	A226	2	A226-C-23/24	WIRELESS ACCESS POINT - CEILING MOUNTED
D212	A226	2	A226-C-25/26	MONITOR LOCATION
D212	A226	2	A226-C-27/28	DATA LOCATION
D215	A226	2	A226-C-29/30	DATA LOCATION
D223	A226	2	A226-C-31/32	WIRELESS ACCESS POINT - CEILING MOUNTED
D226	A226	1	A226-C-33	SECURITY CAMERA - CEILING MOUNTED
D226	A226	1	A226-C-34	SECURITY CAMERA - CEILING MOUNTED
D226	A226	1	A226-C-35	SECURITY CAMERA - CEILING MOUNTED
ST200	A226	1	A226-C-36	SECURITY CAMERA - WALL MOUNTED
ST201	A226	1	A226-C-37	SECURITY CAMERA - WALL MOUNTED
ST206	A226	1	A226-C-38	SECURITY CAMERA - WALL MOUNTED
Grand total		110		

IDF B226 TELECOM SCHEDULE

ROOM NUMBER	TELECOM ROOM	DATA PORTS	LABEL	COMMENTS
B200	B226	2	B226-A-01/02	WIRELESS ACCESS POINT - CEILING MOUNTED
B200	B226	2	B226-A-03/04	MONITOR LOCATION
B200	B226	2	B226-A-05/06	DATA LOCATION
B201	B226	2	B226-A-07/08	WIRELESS ACCESS POINT - CEILING MOUNTED
B201	B226	2	B226-A-09/10	DATA LOCATION
B201	B226	2	B226-A-11/12	MONITOR LOCATION
B202	B226	2	B226-A-13/14	DATA LOCATION
B203	B226	2	B226-A-15/16	DATA LOCATION
B204	B226	2	B226-A-17/18	WIRELESS ACCESS POINT - CEILING MOUNTED
B204	B226	2	B226-A-19/20	MONITOR LOCATION
B204	B226	2	B226-A-21/22	DATA LOCATION
B205	B226	2	B226-A-23/24	WIRELESS ACCESS POINT - CEILING MOUNTED
B205	B226	2	B226-B-01/02	DATA LOCATION
B205	B226	2	B226-B-03/04	MONITOR LOCATION
B208	B226	2	B226-B-05/06	WIRELESS ACCESS POINT - CEILING MOUNTED
B208	B226	2	B226-B-07/08	MONITOR LOCATION
B208	B226	2	B226-B-09/10	DATA LOCATION
B209	B226	2	B226-B-11/12	WIRELESS ACCESS POINT - CEILING MOUNTED
B209	B226	2	B226-B-13/14	DATA LOCATION
B209	B226	2	B226-B-15/16	MONITOR LOCATION
B210	B226	2	B226-B-17/18	DATA LOCATION
B212	B226	2	B226-B-19/20	WIRELESS ACCESS POINT - CEILING MOUNTED
B212	B226	2	B226-B-21/22	MONITOR LOCATION
B213	B226	2	B226-B-23/24	WIRELESS ACCESS POINT - CEILING MOUNTED
B213	B226	2	B226-B-25/26	MONITOR LOCATION
B213	B226	2	B226-B-27/28	DATA LOCATION
B214	B226	2	B226-B-29/30	WIRELESS ACCESS POINT - CEILING MOUNTED
B214	B226	2	B226-B-31/32	MONITOR LOCATION
B214	B226	2	B226-B-33/34	DATA LOCATION
B215	B226	2	B226-B-35/36	WIRELESS ACCESS POINT - CEILING MOUNTED
B215	B226	2	B226-B-37/38	MONITOR LOCATION
B215	B226	2	B226-B-39/40	DATA LOCATION
B218	B226	2	B226-B-41/42	WIRELESS ACCESS POINT - CEILING MOUNTED
B218	B226	2	B226-B-43/44	MONITOR LOCATION
B218	B226	2	B226-B-45/46	DATA LOCATION
B220	B226	2	B226-B-47/48	WIRELESS ACCESS POINT - CEILING MOUNTED
B220	B226	2	B226-C-01/02	DATA LOCATION
B220	B226	2	B226-C-03/04	DATA LOCATION
B223	B226	1	B226-C-05	SECURITY CAMERA - CEILING MOUNTED
B223	B226	1	B226-C-06	SECURITY CAMERA - CEILING MOUNTED
B224	B226	1	B226-C-07	SECURITY CAMERA - CEILING MOUNTED
B224	B226	2	B226-C-08/09	WIRELESS ACCESS POINT - CEILING MOUNTED
B224	B226	2	B226-C-10/11	DIGITAL SIGNAGE LOCATION
B225	B226	1	B226-C-12	SECURITY CAMERA - CEILING MOUNTED
B225	B226	2	B226-C-13/14	WIRELESS ACCESS POINT - CEILING MOUNTED
B225	B226	2	B226-C-15/16	DIGITAL SIGNAGE LOCATION
B226	B226	2	B226-C-17/18	DATA LOCATION
B227	B226	2	B226-C-19/20	DATA LOCATION
B228	B226	2	B226-C-21/22	WIRELESS ACCESS POINT - CEILING MOUNTED
B228	B226	2	B226-C-23/24	MONITOR LOCATION
B228	B226	2	B226-C-25/26	DATA LOCATION
B230	B226	2	B226-C-27/28	WIRELESS ACCESS POINT - CEILING MOUNTED
B230	B226	2	B226-C-29/30	MONITOR LOCATION
B230	B226	2	B226-C-31/32	DATA LOCATION
B300	B226	2	B226-C-33/34	DATA LOCATION
D205	B226	2	B226-C-35/36	DATA LOCATION
D223	B226	1	B226-C-37	SECURITY CAMERA - CEILING MOUNTED
D223	B226	1	B226-C-38	SECURITY CAMERA - WALL MOUNTED
D226	B226	1	B226-C-39	SECURITY CAMERA - CEILING MOUNTED
ST202	B226	1	B226-C-40	SECURITY CAMERA - WALL MOUNTED
Grand total		112		

IDF C226 TELECOM SCHEDULE

ROOM NUMBER	TELECOM ROOM	DATA PORTS	LABEL	COMMENTS
C200	C226	2	C226-A-01/02	WIRELESS ACCESS POINT - CEILING MOUNTED
C200	C226	2	C226-A-03/04	MONITOR LOCATION
C200	C226	2	C226-A-05/06	DATA LOCATION
C201	C226	2	C226-A-07/08	WIRELESS ACCESS POINT - CEILING MOUNTED
C201	C226	2	C226-A-09/10	MONITOR LOCATION
C201	C226	2	C226-A-11/12	DATA LOCATION
C202	C226	2	C226-A-13/14	DATA LOCATION
C203	C226	2	C226-A-15/16	DATA LOCATION
C204	C226	2	C226-A-17/18	WIRELESS ACCESS POINT - CEILING MOUNTED
C204	C226	2	C226-A-19/20	MONITOR LOCATION
C204	C226	2	C226-A-21/22	DATA LOCATION
C205	C226	2	C226-A-23/24	WIRELESS ACCESS POINT - CEILING MOUNTED
C205	C226	2	C226-B-01/02	MONITOR LOCATION
C205	C226	2	C226-B-03/04	DATA LOCATION
C208	C226	2	C226-B-05/06	WIRELESS ACCESS POINT - CEILING MOUNTED
C208	C226	2	C226-B-07/08	MONITOR LOCATION
C208	C226	2	C226-B-09/10	DATA LOCATION
C209	C226	2	C226-B-11/12	WIRELESS ACCESS POINT - CEILING MOUNTED
C209	C226	2	C226-B-13/14	MONITOR LOCATION
C209	C226	2	C226-B-15/16	DATA LOCATION
C210	C226	2	C226-B-17/18	DATA LOCATION
C212	C226	2	C226-B-19/20	WIRELESS ACCESS POINT - CEILING MOUNTED
C212	C226	2	C226-B-21/22	MONITOR LOCATION
C213	C226	2	C226-B-23/24	WIRELESS ACCESS POINT - CEILING MOUNTED
C213	C226	2	C226-B-25/26	MONITOR LOCATION
C213	C226	2	C226-B-27/28	DATA LOCATION
C214	C226	2	C226-B-29/30	WIRELESS ACCESS POINT - CEILING MOUNTED
C214	C226	2	C226-B-31/32	MONITOR LOCATION
C214	C226	2	C226-B-33/34	DATA LOCATION
C215	C226	2	C226-B-35/36	WIRELESS ACCESS POINT - CEILING MOUNTED
C215	C226	2	C226-B-37/38	MONITOR LOCATION
C215	C226	2	C226-B-39/40	DATA LOCATION
C218	C226	2	C226-B-41/42	WIRELESS ACCESS POINT - CEILING MOUNTED
C218	C226	2	C226-B-43/44	MONITOR LOCATION
C218	C226	2	C226-B-45/46	DATA LOCATION
C220	C226	2	C226-B-47/48	WIRELESS ACCESS POINT - CEILING MOUNTED
C220	C226	2	C226-C-01/02	DATA LOCATION
C220	C226	2	C226-C-03/04	DATA LOCATION
C223	C226	1	C226-C-05	SECURITY CAMERA - CEILING MOUNTED
C223	C226	1	C226-C-06	SECURITY CAMERA - CEILING MOUNTED
C224	C226	1	C226-C-07	SECURITY CAMERA - CEILING MOUNTED
C224	C226	2	C226-C-08/09	WIRELESS ACCESS POINT - CEILING MOUNTED
C224	C226	2	C226-C-10/11	DIGITAL SIGNAGE LOCATION
C225	C226	1	C226-C-12	SECURITY CAMERA - CEILING MOUNTED
C225	C226	2	C226-C-13/14	WIRELESS ACCESS POINT - CEILING MOUNTED
C225	C226	2	C226-C-15/16	DIGITAL SIGNAGE LOCATION
C226	C226	2	C226-C-17/18	DATA LOCATION
C227	C226	2	C226-C-19/20	DATA LOCATION
C228	C226	2	C226-C-21/22	WIRELESS ACCESS POINT - CEILING MOUNTED
C228	C226	2	C226-C-23/24	MONITOR LOCATION
C228	C226	2	C226-C-25/26	DATA LOCATION
C300	C226	2	C226-C-27/28	DATA LOCATION
D200	C226	2	C226-C-29/30	WIRELESS ACCESS POINT - CEILING MOUNTED
D200	C226	2	C226-C-31/32	MONITOR LOCATION
D200	C226	2	C226-C-33/34	DATA LOCATION
D213	C226	2	C226-C-35/36	WIRELESS ACCESS POINT - CEILING MOUNTED
D213	C226	2	C226-C-37/38	MONITOR LOCATION
D213	C226	2	C226-C-39/40	DATA LOCATION
D218	C226	2	C226-C-41/42	WIRELESS ACCESS POINT - CEILING MOUNTED
D219	C226	2	C226-C-43/44	WIRELESS ACCESS POINT - CEILING MOUNTED
D219	C226	2	C226-C-45/46	MONITOR LOCATION
D219	C226	2	C226-C-47/48	DATA LOCATION
D222	C226	1	C226-D-01	SECURITY CAMERA - CEILING MOUNTED
D224	C226	1	C226-D-02	SECURITY CAMERA - CEILING MOUNTED
ST203	C226	1	C226-D-03	SECURITY CAMERA - WALL MOUNTED
ST204	C226	1	C226-D-04	SECURITY CAMERA - WALL MOUNTED
Grand total		124		

IDF G206 TELECOM SCHEDULE

ROOM NUMBER	TELECOM ROOM	DATA PORTS	LABEL	COMMENTS
EXT	G206	1	G206-A-01	SECURITY CAMERA - WALL MOUNTED
EXT	G206	1	G206-A-02	SECURITY CAMERA - WALL MOUNTED
EXT	G206	1	G206-A-03	SECURITY CAMERA - WALL MOUNTED
G100	G206	2	G206-A-04/05	DATA LOCATION
G100	G206	2	G206-A-06/07	WIRELESS ACCESS POINT - WALL MOUNTED
G100	G206	1	G206-A-08	SECURITY CAMERA - WALL MOUNTED
G100	G206	2	G206-A-09/10	DATA LOCATION
G100	G206	2	G206-A-11/12	WIRELESS ACCESS POINT - WALL MOUNTED
G100	G206	1	G206-A-13	SECURITY CAMERA - WALL MOUNTED
G100	G206	1	G206-A-14	SECURITY CAMERA - CEILING MOUNTED
G102	G206	1	G206-A-15	DATA LOCATION
G125	G206	1	G206-A-16	SECURITY CAMERA - CEILING MOUNTED
G126	G206	2	G206-A-17/18	WIRELESS ACCESS POINT - CEILING MOUNTED
G126	G206	2	G206-A-19/20	MONITOR LOCATION
G126	G206	2	G206-A-21/22	DATA LOCATION
G127	G206	2	G206-A-23/24	WIRELESS ACCESS POINT - CEILING MOUNTED
G127	G206	2	G206-B-01/02	MONITOR LOCATION
G127	G206	2	G206-B-03/04	DATA LOCATION
G128	G206	2	G206-B-05/06	WIRELESS ACCESS POINT - CEILING MOUNTED
G128	G206	2	G206-B-07/08	MONITOR LOCATION
G128	G206	2	G206-B-09/10	DATA LOCATION
G128	G206	1	G206-B-11	SECURITY CAMERA - CEILING MOUNTED
G200	G206	2	G206-B-12/13	WIRELESS ACCESS POINT - WALL MOUNTED
G200	G206	1	G206-B-14	SECURITY CAMERA - CEILING MOUNTED
G201	G206	2	G206-B-15/16	DATA LOCATION
G201	G206	2	G206-B-17/18	DATA LOCATION
G202	G206	3	G206-B-19/20	DATA LOCATION
G203	G206	2	G206-B-21/22	WIRELESS ACCESS POINT - WALL MOUNTED
G203	G206	1	G206-B-23	SECURITY CAMERA - CEILING MOUNTED
G203	G206	2	G206-B-24/25	MONITOR LOCATION
G203	G206	2	G206-B-26/27	DATA LOCATION
G204	G206	2	G206-B-28/29	DATA LOCATION
G205	G206	2	G206-30/31	DATA LOCATION
G206	G206	2	G206-B-32/33	DATA LOCATION
ST207	G206	1	G206-B-34	SECURITY CAMERA - WALL MOUNTED
ST208	G206	1	G206-B-35	SECURITY CAMERA - WALL MOUNTED
Grand total		60		

MDF D116 TELECOM SCHEDULE

ROOM NUMBER	TELECOM ROOM	DATA PORTS	LABEL	COMMENTS
D100	D116	2	D116-A-01/02	WIRELESS ACCESS POINT - CEILING MOUNTED
D100	D116	2	D116-A-03/04	DATA LOCATION
D100	D116	2	D116-A-05/06	DATA LOCATION
D101	D116	2	D116-A-07/08	DATA LOCATION
D102	D116	2	D116-A-09/10	DATA LOCATION
D104	D116	2	D116-A-11/12	WIRELESS ACCESS POINT - CEILING MOUNTED
D104	D116	2	D116-A-13/14	MONITOR LOCATION
D104	D116	2	D116-A-15/16	DATA LOCATION
D111	D116	2	D116-A-17/18	WIRELESS ACCESS POINT - CEILING MOUNTED
D111	D116	2	D116-A-19/20	DATA LOCATION
D111	D116	2	D116-A-21/22	DATA LOCATION
D111	D116	2	D116-A-23/24	DATA LOCATION
D111	D116	2	D116-B-01/02	DATA LOCATION
D111	D116	2	D116-B-03/04	DATA LOCATION
D111	D116	2	D116-B-05/06	DATA LOCATION
D116	D116	2	D116-B-07/08	DATA LOCATION
D116	D116	2	D116-B-09/10	DATA LOCATION
D118	D116	2	D116--B-13/14	MONITOR LOCATION
D118	D116	2	D116-B-11/12	WIRELESS ACCESS POINT - CEILING MOUNTED
D118	D116	2	D116-B-15/16	DATA LOCATION
D118A	D116	1	D116-B-17	SECURITY CAMERA - CEILING MOUNTED
D119A	D116	1	D116-B-18	SECURITY CAMERA - CEILING MOUNTED
D119B	D116	1	D116-B-19	SECURITY CAMERA - CEILING MOUNTED
D120	D116	2	D116-B-20/21	MONITOR LOCATION
D120	D116	2	D116-B-22/23	DATA LOCATION
D120	D116	2	D116-B-24/25	WIRELESS ACCESS POINT - CEILING MOUNTED
D120A	D116	1	D116-B-26	SECURITY CAMERA - CEILING MOUNTED
D121	D116	2	D116-B-27/28	WIRELESS ACCESS POINT - CEILING MOUNTED
D121	D116	2	D116-B-29/30	DATA LOCATION
D121	D116	2	D116-B-31/32	MONITOR LOCATION
D121A	D116	1	D116-B-39	SECURITY CAMERA - CEILING MOUNTED
D122	D116	2	D116-B-40/41	MONITOR LOCATION
D122	D116	2	D116-B-42/43	DATA LOCATION
D122	D116	2	D116-B-44/45	WIRELESS ACCESS POINT - CEILING MOUNTED
D122A	D116	1	D116-B-48	SECURITY CAMERA - CEILING MOUNTED
D125	D116	1	D116-C-01	SECURITY CAMERA - CEILING MOUNTED
D132	D116	2	D116-C-02/03	DIGITAL SIGNAGE LOCATION
D132	D116	2	D116-C-04/05	DIGITAL SIGNAGE LOCATION
D132	D116	1	D116-C-06	SECURITY CAMERA - WALL MOUNTED
D132	D116	1	D116-C-07	SECURITY CAMERA - WALL MOUNTED
D132	D116	2	D116-C-08/09	WIRELESS ACCESS POINT - WALL MOUNTED
D132	D116	2	D116-C-10/11	DIGITAL SIGNAGE LOCATION
D132	D116	2	D116-C-12/13	WIRELESS ACCESS POINT - WALL MOUNTED
D134	D116	1	D116-C-14	SECURITY CAMERA - WALL MOUNTED
EXT	D116	1	D116-C-15	SECURITY CAMERA - WALL MOUNTED
EXT	D116	1	D116-C-16	SECURITY CAMERA - WALL MOUNTED
V002	D116	1	D116-C-17	SECURITY CAMERA - CEILING MOUNTED
Grand total		81		

IDF F204 TELECOM SCHEDULE

ROOM NUMBER	TELECOM ROOM	DATA PORTS	LABEL	COMMENTS
D132	F204	2	F204-A-01/02	DIGITAL SIGNAGE LOCATION
D132	F204	1	F204-A-03	SECURITY CAMERA - WALL MOUNTED
D132	F204	1	F204-A-04	SECURITY CAMERA - WALL MOUNTED
D132	F204	1	F204-A-05	SECURITY CAMERA - WALL MOUNTED
E150	F204	1	F204-A-06	SECURITY CAMERA - WALL MOUNTED
E150	F204	1	F204-A-07	SECURITY CAMERA - WALL MOUNTED
F100	F204	1	F204-A-08	SECURITY CAMERA - WALL MOUNTED
F116	F204	2	F204-A-09/10	MONITOR LOCATION
F118	F204	2	F204-A-11/12	MONITOR LOCATION
F124	F204	1	F204-A-13	SECURITY CAMERA - WALL MOUNTED
F124	F204	1	F204-A-14	SECURITY CAMERA - WALL MOUNTED
F124	F204	2	F204-A-15/16	PROJECTOR LOCATION
F202	F204	3	F204-A-17/18/19	DATA LOCATION
F202	F204	1	F204-A-20	SECURITY CAMERA - WALL MOUNTED
F204	F204	2	F204-A-21/22	DATA LOCATION
F205	F204	2	F204-A-23/24	DATA LOCATION
F206	F204	2	F204-B-01/02	DATA LOCATION
F206	F204	4	F204-B-03/04/05/06	DATA LOCATION
F206	F204	4	F204-B-07/08/09/10	DATA LOCATION
F207	F204	2	F204-B-11/12	DATA LOCATION
Grand total		36		

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PROJECT:
WESTFIELD WASHINGTON SCHOOLS
WESTFIELD MIDDLE SCHOOL WEST
BID DOCUMENTS
17707 CENTENNIAL RD, WESTFIELD, IN 46074

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the general requirements of the type of structural, mechanical and electrical systems.
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REVISIONS:

ISSUE DATE	DRAWN BY	CHECKED BY
08/09/2024	MKD	MRF

DRAWING TITLE:
TELECOM SCHEDULES

CERTIFIED BY:
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-25
RCDD

DRAWING NUMBER
T501

PROJECT NUMBER
2023061

IDF A128 ACCESS CONTROL SCHEDULE

DOOR NUMBER	PANEL LOCATION	LABEL	DOOR TYPE / DESCRIPTION
A124	A128	A124-CR	EAC DOOR TYPE D3MH
A125	A128	A125-CR	EAC DOOR TYPE D3MH
A126A	A128	A126A-DPS	EAC DOOR TYPE D1
A126D	A128	A126D-DPS	EAC DOOR TYPE D1
V008A	A128	V008A-CR	EAC DOOR TYPE D3
V009A	A128	V009A-CR	EAC DOOR TYPE D3
V010A	A128	V010A-CR	EAC DOOR TYPE D3

IDF A226 ACCESS CONTROL SCHEDULE

DOOR NUMBER	PANEL LOCATION	LABEL	DOOR TYPE / DESCRIPTION
A224	A226	A224-CR	EAC DOOR TYPE D3MH
A225	A226	A225-CR	EAC DOOR TYPE D3MH

IDF B128 ACCESS CONTROL SCHEDULE

DOOR NUMBER	PANEL LOCATION	LABEL	DOOR TYPE / DESCRIPTION
B124	B128	B124-CR	EAC DOOR TYPE D3MH
B125	B128	B125-CR	EAC DOOR TYPE D3MH
B126A	B128	B126A-DPS	EAC DOOR TYPE D1
B126D	B128	B126D-DPS	EAC DOOR TYPE D1
V006A	B128	V006A-CR	EAC DOOR TYPE D3
V007A	B128	V007A-CR	EAC DOOR TYPE D3

IDF B226 ACCESS CONTROL SCHEDULE

DOOR NUMBER	PANEL LOCATION	LABEL	DOOR TYPE / DESCRIPTION
B224	B226	B224-CR	EAC DOOR TYPE D3MH
B225	B226	B225-CR	EAC DOOR TYPE D3MH
B352	B226	B352-DPS	EAC DOOR TYPE D1

IDF C128 ACCESS CONTROL SCHEDULE

DOOR NUMBER	PANEL LOCATION	LABEL	DOOR TYPE / DESCRIPTION
C124	C128	C124-CR	EAC DOOR TYPE D3MH
C125	C128	C125-CR	EAC DOOR TYPE D3MH
C126A	C128	C126A-DPS	EAC DOOR TYPE D1
C126D	C128	C126D-DPS	EAC DOOR TYPE D1
V003A	C128	V003A-CR	EAC DOOR TYPE D3
V004A	C128	V004A-CR	EAC DOOR TYPE D3
V005A	C128	V005A-DPS	EAC DOOR TYPE D1

IDF C226 ACCESS CONTROL SCHEDULE

DOOR NUMBER	PANEL LOCATION	LABEL	DOOR TYPE / DESCRIPTION
C224	C226	C224-CR	EAC DOOR TYPE D3MH
C225	C226	C225-CR	EAC DOOR TYPE D3MH
C352	C226	C352-DPS	EAC DOOR TYPE D1
D221B	C226	D221B-DPS	EAC DOOR TYPE S1

IDF E108 ACCESS CONTROL SCHEDULE

DOOR NUMBER	PANEL LOCATION	LABEL	DOOR TYPE / DESCRIPTION
E101A	E108	E101A-CR	EAC DOOR TYPE S3MA
E101B	E108	E101B-CR1	EAC DOOR TYPE S3IO
E101B	E108	E101B-CR2	EAC DOOR TYPE S3IO
E101E	E108	E101E-CR	EAC DOOR TYPE S3M
E101V	E108	E101V-EH	EAC DOOR TYPE S2RU
E102B	E108	E102B-CR	EAC DOOR TYPE S3
E127	E108	E127-MH	EAC DOOR TYPE DMH
E127A	E108	E127A-CR	EAC DOOR TYPE S3
V001A	E108	V001A-EH	EAC DOOR TYPE D2EH
V001B	E108	V001B-CR	EAC DOOR TYPE D3BA
V001C	E108	V001C-EH	EAC DOOR TYPE D2EH
V001D	E108	V001D-CR	EAC DOOR TYPE D3MA

IDF F204 ACCESS CONTROL SCHEDULE

DOOR NUMBER	PANEL LOCATION	LABEL	DOOR TYPE / DESCRIPTION
F202	F204	F202-DPS	EAC DOOR TYPE D1
V015	F204	V015-DPS	EAC DOOR TYPE D1
V016A	F204	V016A-EH	EAC DOOR TYPE D2EH
V016B	F204	V016B-CR	EAC DOOR TYPE D3A

IDF G106 ACCESS CONTROL SCHEDULE

DOOR NUMBER	PANEL LOCATION	LABEL	DOOR TYPE / DESCRIPTION
E101N	G106	E101N-DPS	EAC DOOR TYPE D1
G107	G106	G107-CR	EAC ELEVATOR CARD READER
G129	G106	G129-CR	EAC DOOR TYPE DMH
H121	G106	H121-MH	EAC DOOR TYPE DMH
V020	G106	V020-DPS	EAC DOOR TYPE S1
V022	G106	V022-DPS	EAC DOOR TYPE S1
V023A	G106	V023A-CR	EAC DOOR TYPE D3
V023B	G106	V023B-CR	EAC DOOR TYPE D3

IDF G130 ACCESS CONTROL SCHEDULE

DOOR NUMBER	PANEL LOCATION	LABEL	DOOR TYPE / DESCRIPTION
H127	G130	H127-DPS	EAC DOOR TYPE S1
V012	G130	V012-CR	EAC DOOR TYPE D3
V013	G130	V013-DPS	EAC DOOR TYPE D1

IDF G206 ACCESS CONTROL SCHEDULE

DOOR NUMBER	PANEL LOCATION	LABEL	DOOR TYPE / DESCRIPTION
G206B	G206	G206B-DPS	EAC DOOR TYPE S1
V018A	G206	V018A-CR	EAC DOOR TYPE D3

MDF D116 ACCESS CONTROL SCHEDULE

DOOR NUMBER	PANEL LOCATION	LABEL	DOOR TYPE / DESCRIPTION
D125	D116	D125-CR	EAC DOOR TYPE S3MH
V002A	D116	V002A-CR	EAC DOOR TYPE S3A
V002C	D116	C002C-CR	EAC DOOR TYPE S3
V011	D116	V011-DPS	EAC DOOR TYPE D1

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CERTIFIED BY:
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-26
RCDD

DRAWING NUMBER
T502

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