Addendum

ADDENDUM NO: 1

PROJECT: **SITE IMPROVEMENTS AT FRANKLIN CENTRAL JUNIOR HIGH**

CONTEXT PROJECT NO: 22-1613 DATE: 2/13/2024 BY: Fred Prazeau

This Addendum is issued in accordance with the provisions of "The General Conditions of the Contract for Construction," Article 1, "Contract Documents" and becomes a part of the Contract Documents as provided therein. This Addendum includes:

PART 1 – BIDDING AND CONTRACT REQUIREMENTS

A. UNUSED

PART 2 – SPECIFICATIONS

A. Specification Section 32 12 18 – Tennis Construction: ADD 'DecoColor Products' to pre-approved tennis coatings list.

PART 3 – DRAWINGS

A. Updated L-Series Plans

1. L100-Series Material Identification Plans reissued to address City comments, including clarifications to curb ramps, crosswalks, tree protection (single tree), soccer parking islands, and bike racks.
2. L300-Series Landscape Plans reissued to address City comments, including additional landscape planting, parking lot islands, and tree protection (single tree). Sheet L310 added.

B. Updated C-Series Plans

1. C110-Series Demolition Plans reissued to address City comments, including clarification on fence and gate removal, throwing area removal, and relocation of sprinkler vault.
2. C300-Series Grading Plans reissued to address City comments, including clarification along drainage swales and grading in the vicinity of Alternate #1 – Soccer Parking.
3. C400-Series Utility Plans reissued to address City comments, including clarification to storm structures to reflect grading revisions and sufficient cover, subsurface drainage as indicated on plans, storm structure network for Alternate #1 – Soccer Parking, and relocation of sprinkler vault in the vicinity of the soccer lot.
4. C420-Series Utility Profile Plans reissued to address City comments, including clarification to storm structures to reflect grading revisions and sufficient cover, subsurface drainage as indicated on plans, and storm structure network for Alternate #1 – Soccer Parking. [Note that Sheets C426 & C427 are newly-added]
5. C430-Series Regulated Drain Replacement Plans reissued to match Alternates listed on Bid Form.
6. C500-Series Erosion Control Plans reissued to address City comments, including clarification in the vicinity of the Alternate #1 – Soccer Parking lot.

Addenda

PART 4 – QUESTIONS & ANSWERS

1. **Q: If we need access to the property during the bidding window, whom shall we alert?**
   A: Rick Hunter from FTCSC can arrange for access. Dial Rick at 317-803-5028.

2. **Q: Will a layer of acrylic resurfacer be required for tennis?**
   A: Yes, the minimum expectation includes proper preparation of surfaces followed be no less than one (1) layer of acrylic resurfacer and three (3) coats of color.

3. **Q: Is there schedule flexibility within either subset of work identified in the 'Summary of Work' specification?**
   A: As discussed at the Pre-Bid Meeting, the Owner understands that maximizing participation may affect end dates. The Owner's preferences are published for reference. Respondents shall write in their best commitment dates onto the Bid Form. The Owner reserves the right to evaluate schedule as part of identifying the most responsive Bid.

4. **Q: Can CAD files be made available to assist earthwork calculations?**
   A: Design is being modified to comply with City comments as we speak. Once the Owner is comfortable changes have settled, CAD information can be circulated. Note that any Respondent choosing to use courtesy CAD files does so with full and absolute understanding that our digital drawing tools are meant solely for illustration and plan development, not estimating. No express or implied warranty is given as to the applicability or accuracy of the info for your purposes. The Bidder shall remain 100% responsible for achieving the project intent regardless of potential irregularities in CAD data.

END OF ADDENDUM 1

EASTERN Engineering WBE Certified PLAN ROOM

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Franklin Township C.S.C. - Franklin Central Junior High School - Site Improvements - #22-1613

Order/Download

Information | Plan Holders | Plans | Shipping Information

Plan Holder List
Show Classifications

Company Information	CSI Codes	Contact Information	Status Date Filled	Delivery Method Tracking Number	Bid Categories
American systems of Wi Inc 13468 Morgan Rd Gillett, WI 54124	00 00 00-General Contractor	Cyndi Pratsch (920) 434-8272	Filled 1/30/2024	Pickup - N/A (Downloads or Other)	Prime Bidder
Atlas Excavating Inc 4740 Swisher Road West Lafayette, IN 47906	31 23 00-Excavation and Fill	Dalton Justice (765) 429-4800	Filled 1/30/2024	Pickup - N/A (Downloads or Other)	Prime Bidder
ConstructConnect 30 Technology Parkway South Suite 100 Norcross, GA 30092	01006 - Planrooms	Megan Anderson (800) 364-2059	Filled 2/2/2024	Pickup - N/A (Downloads or Other)	Plan Room
Context Design 5825 Lawton Loop East Drive Indianapolis, IN 46216	Subcontractor	Fred Prazeau (317) 485-6900	Filled 1/29/2024	Pickup - N/A (Downloads or Other)	(C) Eastern Engineering Use Only.
Globe Asphalt 6445 E 30th St Indianapolis, IN 46219	Construction Manager	John Shumaker (317) 568-4344	Filled 1/31/2024	Pickup - N/A (Downloads or Other)	Prime Bidder
Grady Brothers Inc. 915 S. Somerset Ave. Indianapolis, IN 46241	32 00 00-Exterior Improvements	Tom Grady (317) 244-3343	Filled 2/5/2024	Pickup - N/A (Downloads or Other)	Prime Bidder
Howard Companies 2916 Kentucky Ave Indianapolis, IN 46221	32 00 00-Exterior Improvements	Chris Bowles (317) 849-9666	Filled 2/2/2024	Pickup - N/A (Downloads or Other)	Prime Bidder
Leslie Coatings Inc. 1101 E. 30th Street Indianapolis, IN 46205	32 00 00-Exterior Improvements	Matthew Strom (317) 926-3411	Filled 2/2/2024	Pickup - N/A (Downloads or Other)	Prime Bidder

Millennium Contractors LLC 404 W Gimber St Indianapolis, IN 46225	31 23 00-Excavation and Fill	Peter Springsteen (317) 780-0109	Filled 2/2/2024	Pickup - N/A (Downloads or Other)	Prime Bidder
New Era Surfacing 1744 Vesta Road Wakeman, OH 44889	32 00 00-Exterior Improvements	Marc Carruthers (419) 577-1675	Filled 2/2/2024	Pickup - N/A (Downloads or Other)	Prime Bidder
Ottos Parking Marking 2449 E Main St Greenwood, IN 46143	32 17 23-Pavement Markings	Priscilla Otto (317) 882-8933	Filled 2/6/2024	Pickup - N/A (Downloads or Other)	Prime Bidder
Precision Construction and Contracting, LLC DBA PCC SPORTS Po Box 320 Kansas City, MO 64070	00 00 00-General Contractor	Ethan Stanfill (855) 697-4194	Filled 2/2/2024	Pickup - N/A (Downloads or Other)	Prime Bidder
R Chavez Construction Company Inc. 1811 Executive Drive Suite O Indianapolis, IN 46241	00 00 00-General Contractor	Grant Linson (317) 584-3746	Filled 2/8/2024	Pickup - N/A (Downloads or Other)	Prime Bidder
Reece Seal Coating 1205 W. Troy Ave. Indianapolis, IN 46225	32 00 00-Exterior Improvements	kent jones (317) 784-1410	Filled 2/6/2024	Pickup - N/A (Downloads or Other)	Prime Bidder
Smock Fansler Corporation 2910 W Minnesota St Indianapolis, IN 46241	00 00 00-General Contractor	Dia Donoho (317) 248-8371	Filled 2/6/2024	Pickup - N/A (Downloads or Other)	Prime Bidder
Wise Building Solutions Inc 4430 Clayburn Dr Indianapolis, IN 46268	00 00 00-General Contractor	Joshua Delacruz (317) 927-8002	Filled 1/31/2024	Pickup - N/A (Downloads or Other)	Prime Bidder

To: Franklin Township Community School Corporation
6141 South Franklin Road
Indianapolis, IN 46259

From (Bidder): _____

Address: _____
_____
_____

Telephone No.: _____

Date of Bid Preparation: _____, 2024.

The undersigned, having become familiar with all conditions of the project site, and having examined and become fully cognizant of the Project Manual and all associated Drawings and Addenda, hereby agrees to furnish all labor, materials, equipment, fixtures and incidentals required for the construction of the Project in conformance with the intent of the Construction Documents. Pursuant to these requirements, the undersigned submits the following Bid, which include all applicable taxes, overhead and profit:

SITE IMPROVEMENTS AT FRANKLIN CENTRAL JUNIOR HIGH SCHOOL

BASE BID, various site improvements across the FCJrHS campus, including but not limited to a private campus driveway, parking lots, curb cut improvements, playing fields, tennis construction, fencing, and landscape work. Also cross reference against Alternate Bid narratives. Price shall be lump sum.

_____ Dollars ($_____.__)
(written)

Bidders shall attach to this Bid Form the following documents:

- A fully executed Form 96, including the Non-Collusion Affidavit
- Appropriate Bid Security, as described in the Notice to Bidders

ALTERNATE BID
ADD Alternate #1 – Provide Soccer Area Parking: Provide the differential cost to add Soccer Area parking (see Sheets L102-L103 for 'P5' tag to define extents), plus associated island landscaping and island curbing. Base Bid for the Soccer Lot shall stop with curb cut radii turned back to connect with sidewalks at both the north and south ends of the proposed lot. Grading infrastructure is found on C300, C303-C306, plus coordinating utility information located on sheets C400, C403-C406, and C421-C425. All other scope items are unchanged. Price shall be lump sum.

_____ Dollars ($_____.____)
(written)

ALTERNATE BID
ADD Alternate #2a – Replace Eastern "Half" of Legal Drain Tile: Base Bid includes spot repairs of existing legal drain tiles shown on C-Series plans. Provide the differential cost to fully replace the drains from the **West side of the proposed connector drive to the Eastern property limits** as depicted in civil documents. All other scope items are unchanged. Price shall be lump sum.

_____ Dollars ($_____.____)
(written)

ADD Alternate #2b – Replace Western "Half" of Legal Drain Tile: Base Bid includes spot repairs of existing legal drain tiles shown on C-Series plans. Provide the differential cost to fully replace the drains from the **West side of the proposed connector drive to the Western property limits** as depicted in civil documents. All other scope items are unchanged. Price shall be lump sum.

_____ Dollars ($_____.____)
(written)

ALTERNATE BID
ADD Alternate #3 – Provide Select Perimeter Fencing: Provide the differential cost to add Perimeter Fencing tagged 'G1' on L100-Series plans. All other scope items are unchanged. Price shall be lump sum.

_____ Dollars ($_____.____)
(written)

ALTERNATE BID
DEDUCT Alternate #4 – Omit Soccer Area Root Zone Media & Field Underdrains : Base Bid includes developing soccer playing surfaces with Sports Turfgrass, Root Zone Media, and Field Underdrains. Provide the differential deduct cost to omit Root Zone Media and Field Underdrains in favor of using native topsoil on-property. All other scope items are unchanged. Price shall be lump sum.

_____ Dollars ($_____.____)
(written)

Allowance:

Bidder acknowledges by submission of this Bid Form that **Allowance No. 1** is included within their Base Bid response as required and described within Specification Section 01210.

Time of Completion:

Presuming a Notice to Proceed is issued no later than March 13, 2024, the undersigned affirms the following Substantial Completion date for the Owner's use in determining the most responsive and responsible bid. Provide your best available finish dates. Cross reference against goals of Spec Section – Summary of Work.

Date anticipated for Substantial Completion scope of work for Southwestern Parking Lot (west of football stadium) and proposed Tennis Courts: _____

Date anticipated for Substantial Completion of balance of all other areas of the project: _____

Addenda:

Receipt of Addenda issued to the Drawings and Project Manual is hereby acknowledged:

Addenda Nos.:_____

Supervisory Assignments:

Please indicate below the names of individual(s) responsible for Project Supervision:

_____ _____

Individuals and Sole Proprietors complete below:

IN TESTIMONY WHEREOF, the Bidder (an Individual) has hereunto set his hand this _____ day of _____, 2024.

Signature of the Individual Bidder: _____

Firms and Partnerships complete below:

IN TESTIMONY WHEREOF, the Bidder (a firm or partnership) has hereunto set their hands this _____ day of _____, 2024.

Name of firm or partnership: _____

By:_____

By: _____

Subscribed and Sworn to before me by
this _____ day of _____, 2024.

My commission expires: _____

Corporations complete below:

IN TESTIMONY WHEREOF, the Bidder (a Corporation) has caused this proposal to be signed by its President and Secretary, and affixed its Corporate Seal, this _____ day of _____, 2024.

Name of corporation: _____

President: _____

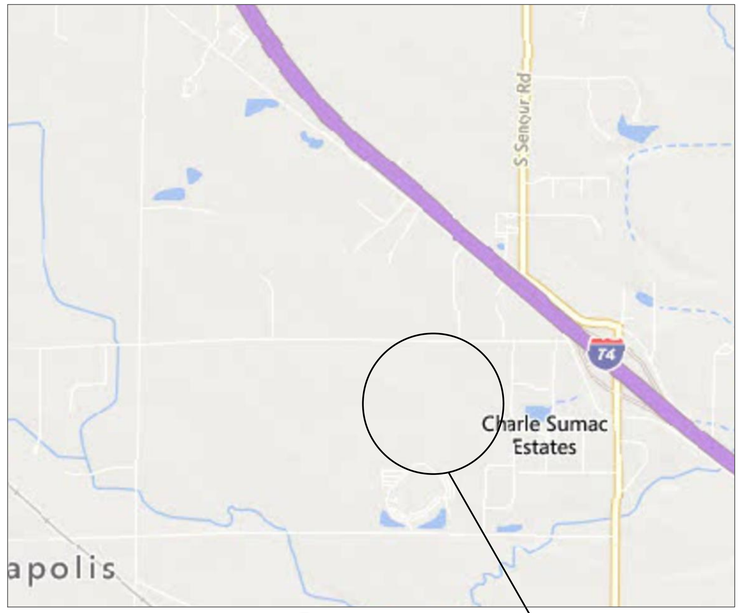
Secretary: _____

END OF SECTION 00200

FRANKLIN CENTRAL JR HIGH

BID DOCUMENT PLAN SET

10440 INDIAN CREEK S ROAD
INDIANAPOLIS, IN 46259



LOCATION MAP

Project Site



VICINITY MAP

Project Site

Sheet List Table	
Sheet Number	Sheet Title
C001	TITLE SHEET
C100	EXISTING TOPOGRAPHY
C101	EXISTING TOPOGRAPHY
C102	EXISTING TOPOGRAPHY
C103	EXISTING TOPOGRAPHY
C104	EXISTING TOPOGRAPHY
C105	EXISTING TOPOGRAPHY
C110	OVERALL DEMOLITION PLAN
C111	DEMOLITION PLAN
C112	DEMOLITION PLAN
C113	DEMOLITION PLAN
C114	DEMOLITION PLAN
C115	DEMOLITION PLAN
C116	DEMOLITION PLAN
C200	RIGHT OF WAY SITE PLAN
C250	RIGHT OF WAY SITE DETAILS
C251	RIGHT OF WAY SITE DETAILS
C301	GRADING PLAN
C302	GRADING PLAN
C303	GRADING PLAN
C304	GRADING PLAN
C305	GRADING PLAN
C306	GRADING PLAN
C400	OVERALL UTILITY PLAN
C401	UTILITY PLAN
C402	UTILITY PLAN
C403	UTILITY PLAN
C404	UTILITY PLAN
C405	UTILITY PLAN
C406	UTILITY PLAN
C421	UTILITY PROFILES PLAN
C422	UTILITY PROFILES PLAN
C423	UTILITY PROFILES PLAN
C424	UTILITY PROFILES PLAN
C425	UTILITY PROFILES PLAN
C426	UTILITY PROFILES PLAN
C427	UTILITY PROFILES PLAN
C430	REGULATED DRAIN REPLACEMENT PLAN
C450	UTILITY DETAILS
C451	UTILITY DETAILS
C500	OVERALL EROSION CONTROL PLAN
C501	EROSION CONTROL PLAN
C502	EROSION CONTROL PLAN
C503	EROSION CONTROL PLAN
C504	EROSION CONTROL PLAN
C505	EROSION CONTROL PLAN
C506	EROSION CONTROL PLAN
C550	EROSION CONTROL DETAILS
C590	STORM WATER POLLUTION PROTECTION PLAN
L100	OVERALL SITE REFERENCE PLAN
L101-106	MATERIALS AND NOTES PLAN
L301-306	PLANTING PLAN
L310	PLANTING SCHEDULE AND DETAILS
L600-604	SITE DETAILS

PROJECT DESCRIPTION

Relocation of tennis courts, construction of parking lot to replace existing tennis courts, eastern parking lot expansion, internal roadway to connect to Edgewood Avenue, relocated track and field throwing areas, three soccer fields, and a wet detention pond.

LAND DESCRIPTION

From GIS: PT N½ S9 T14 R5 BEG SW COR SW ¼ NE ¼ E 652' N

Civil Township: Franklin

Parcel Number:
49-16-09-101-003.000-300

CONTACT INFORMATION

Owner: Franklin Township Community School Corp.
6141 S. Franklin Rd.
Indianapolis, IN 46259
(317) 862-2411

Contractor: TBD

Civil Engineer: Jennifer Lasch, P.E., LEED AP, BD+C
Veridus Group
6280 N. Shadeland Ave., Suite A
Indianapolis, IN 46220
(317) 598-6647

CITY OF INDIANAPOLIS
DEPARTMENT OF BUSINESS AND
NEIGHBORHOOD SERVICES (BNS)
(317) 327-8700
1200 MADISON AVE., SUITE 100
INDIANAPOLIS, INDIANA 46225

CITIZENS ENERGY GROUP/CWA AUTHORITY, INC

SANITARY AND WATER DEPARTMENTS
2150 DR MARTIN LUTHER KING JR ST
INDIANAPOLIS, INDIANA 46204
BRAD HOSTETLER
(317) 927-4351
bhostetler@citizensenergygroup.com

COMPLIANCE STATEMENT:

PROPOSED PUBLIC AND PRIVATE STREET CONSTRUCTION WITHIN INDIANAPOLIS-MARION COUNTY MUST BE CONSTRUCTED IN ACCORDANCE TO THE CURRENT DEPARTMENT OF BUSINESS AND NEIGHBORHOOD SERVICES. THE DEPARTMENT OF BUSINESS AND NEIGHBORHOOD SERVICES MUST APPROVE ALL PERMITS AND PLANS PRIOR TO CONSTRUCTION.

PER CITY OF INDIANAPOLIS:

ALL IMPROVEMENTS WITHIN THE PROPOSED RIGHT OF WAY SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE INDIANAPOLIS STANDARD FOR STREET AND BRIDGE DESIGN AND CONSTRUCTION AND THE INDIANA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS

PER CITY OF INDIANAPOLIS:

ALL PROPOSED STORM SEWER AND DRAINAGE APPURTENANCES SHALL BE IN CONFORMANCE WITH CHAPTERS 400 AND 500 OF THE CITY OF INDIANAPOLIS STORMWATER SPECIFICATIONS MANUAL, LATEST EDITION. DISCREPANCIES BETWEEN THE PLANS AND THE MANUAL SHALL NOT ALLEVIATE THE CONTRACTOR FROM ADHERING TO THE REQUIREMENTS SET FORTH IN THE MANUAL.

STORM STRUCTURES	COUNT (EACH)
MANHOLE	30
INLET	9
END SECTION	12

WATER QUALITY (WQ FOREBAY)		
STRUCTURE	NORTHING	EASTING
FOREBAY	1614009.607	240600.806

STORM PIPE SUMMARY TABLE

ITEM	TYPE	LENGTH (LF)
12"	HDPE	15
15"	HDPE	215
18"	HDPE	64
21"	HDPE	726
24"	RCP	1722
30"	RCP	960

UTILITY CONTACTS

UTILITY	COMPANY	CONTACT	PHONE
STORM DRAINAGE	CITY OF INDIANAPOLIS	JEFF MEID	317-327-4952
SANITARY SEWER	CITIZENS ENERGY	MATT KLINE	317-429-3972
WATER SERVICE	CITIZENS ENERGY	MARK SHOCKLEY	317-447-9417
GAS SERVICE	CITIZENS GAS	RICH MILLER	317-927-4684
ELECTRIC SERVICE	IPL	JACKIE BULTMAN	317-261-5267

UTILITY STATEMENT

The underground utilities shown have been located from field survey information and existing drawings. The surveyor makes no guarantees that the underground utilities comprise all such utilities in the area, either in-service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated although the surveyor does certify that they are located as accurately as possible from information available. The surveyor has not physically located the underground utilities.

context DESIGN
5825 Lawton Loop E Dr. | Indianapolis, IN 46216
317-485-6900 | www.context-design.com

VERIDUS GROUP
6280 N. Shadeland Avenue, Suite A
Indianapolis, IN 46220
Phone: (317) 598-6647 | www.theveridusgroup.com

Certified by:
JENNIFER M. LASCH
REGISTERED
STATE OF INDIANA
PROFESSIONAL ENGINEER
BID DOCUMENTS
NOT PERMITTED FOR CONSTRUCTION
02/12/24

CONSTRUCTION DOCUMENTS
FRANKLIN CENTRAL JUNIOR HIGH SCHOOL
SITE IMPROVEMENTS
Indianapolis, IN

Sheet Title: TITLE SHEET

Revision	Date	Description
1	02/12/24	ADDENDUM 1
	01/26/24	BID DOCUMENT PLAN SET

Date:	01/26/24
Project No:	2023.0154
Drawn by:	NCB
Checked by:	JML

These Drawings and Specifications, and all copies thereof are and shall remain the property and copyright of the Landscape Architect. They shall be used only with respect to this Project and are not to be used on any other Project or Work without prior written permission from the Landscape Architect.

Sheet No:
C001

PRINT DATE: 2/12/24
PLOT SCALE: 1:1 EDIT DATE: 2/13/24 - 2:50 PM EDITED BY: NBALENTINE DRAWING FILE: Z:\PROJECTS\2023\0154 - FRANKLIN CENTRAL JR HIGH\2. DESIGN\CAD\C001 TITLE SHEET TENNIS PAVED LOT.DWG



0' 80' 160'

SCALE: 1"= 80'

KEYNOTES

A. SAWCUT AND REMOVE CONCRETE PAD AND BLEACHERS. PROVIDE BLEACHERS TO OWNER

B. SAWCUT AND REMOVE CONCRETE AS NEEDED FOR CONSTRUCTION

C. SAWCUT AND REMOVE ASPHALT AS NEEDED FOR CONSTRUCTION

D. SAWCUT AND REMOVE WALK

E. REMOVE TENNIS FENCING POSTS AND FOUNDATIONS

F. REMOVE CHAIN LINK FENCE POSTS AND FOUNDATIONS. IF APPLICABLE, CONNECT REMAINING FENCE TO NEW FENCE. SEE L-SERIES FOR ADDITIONAL INFORMATION REGARDING EXTENTS OF DEMOLITION AND REPLACEMENT. (1)

G. REMOVE BOLLARD

H. REMOVE AND RELOCATE LIGHT ASSEMBLY

I. REMOVE STORM STRUCTURE

J. CUT AND CAP PIPE

K. REMOVE PIPE OR FILL WITH FLOWABLE FILL

L. REMOVE RIPRAP

M. REMOVE TREE

N. REMOVE STORM STRUCTURE. SAWCUT TILE AND PROVIDE NEW PVC PIPE SECTION IN PLACE OF REMOVED STORM STRUCTURE TO MAINTAIN CONVEYANCE. PVC SHALL BE OF COMPARABLE SIZE TO EXISTING TILE. CONNECT TO EXISTING TILE VIA FERNCO COUPLING OR APPROVED EQUIVALENT

O. LOCATE TILE ACROSS SITE WITH OWNER. REPAIR AS NEEDED PRIOR TO BRINGING TO PROPOSED GRADES

P. REMOVE AND RESET EXISTING SIGNS. SEE C200 FOR PROPOSED LOCATION.

Q. REMOVE AND RESET EXISTING MAILBOX. SEE C200 FOR PROPOSED LOCATION.

R. REMOVE AND RESET EXISTING MONUMENT. SEE C200 FOR PROPOSED LOCATION.

S. REMOVE EXISTING ELECTRIC POLE. REPLACE BEHIND PROPOSED CURB. SEE SEE C406 FOR PROPOSED LOCATION AND LAYOUT.

T. REMOVE AND RELOCATE IRRIGATION VAULT. COORDINATE TIMING WITH OWNER. CONTRACTOR TO LOCATE IRRIGATION INFRASTRUCTURE PRIOR TO COMMENCING WORK. CAP AND ABANDON ANY LINES IN DISTURBED AREA. (1)

DEMOLITION LEGEND

- CONCRETE CURB & GUTTER
- TP — TREE PROTECTION
- SAWCUT PAVEMENT AS NEEDED FOR CONSTRUCTION
- REMOVE UTILITY
- REMOVE ASPHALT
- REMOVE CONCRETE
- REMOVE VEGETATION AS NECESSARY FOR CONSTRUCTION. REPAIR VEGETATION UPON COMPLETION OF PROJECT.
- REMOVE GRAVEL
- MILL AND RESURFACE
- OBJECT TO BE PROTECTED

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

PER INDIANA STATE LAW IS-69-1991. IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

BOUNDARY AND TOPOGRAPHIC SURVEY INFORMATION PROVIDED BY CMID INC. PROJECT NUMBER ----, DATED 04/18/2023.

GENERAL NOTES

1. THE DEMOLITION PLAN IS BASED ON INFORMATION PROVIDED ON THE TOPOGRAPHIC SURVEY. CONTRACTOR IS RESPONSIBLE FOR VISITING THE SITE AND COMPARING THE DOCUMENTS TO THE FIELD CONDITIONS. IF DISCREPANCIES OCCUR, CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF RECORD.
2. THE CONTRACTOR SHALL REMOVE AND DISPOSE ALL EXISTING STRUCTURES, STONE, CONCRETE AND PAVEMENT OFF SITE UNLESS NOTED TO REMAIN ON THE CONTRACT DRAWINGS.
3. THE CONTRACTOR SHALL PROTECT AND NOT DESTROY THE PROPERTY CORNER MONUMENTS DURING CONSTRUCTION. IF A MONUMENT IS MOVED OR DAMAGED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND SURVEYOR OF RECORD.
4. THIS SECTION REQUIRES THE REMOVAL AND DISPOSAL, OFF SITE, OF THE FOLLOWING:
   a. SPECIFIED OBJECTS
   b. VEGETATION WITHIN THE WORK AREA.
5. CONTRACTOR SHALL SUBMIT THE FOLLOWING IN ACCORDANCE WITH CONDITIONS OF THE CONTRACT AND APPROPRIATE SPECIFICATION SECTIONS:
   a. A DETAILED SEQUENCE AND SCHEDULE OF DEMOLITION AND REMOVAL WORK TO BE COMPLETED.
6. JOB CONDITIONS
   a. SALVAGED MATERIALS: ITEMS OF SALVAGEABLE VALUE TO CONTRACTOR MAY BE REMOVED FROM SITE AS WORK PROGRESSES. TRANSPORT SALVAGED ITEMS FROM THE SITE AS THEY ARE REMOVED.
   b. STORAGE OR SALE OF REMOVED ITEMS WILL NOT BE PERMITTED ON SITE.
   c. EXPLOSIVES: USE OF ANY TYPE OF EXPLOSIVES WILL NOT BE PERMITTED.
   d. TRAFFIC: CONDUCT DEMOLITION OPERATIONS AND REMOVAL OF DEBRIS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS AND OTHER ADJACENT OCCUPIED AND USED FACILITIES.
   e. DO NOT CLOSE OR OBSTRUCT ROADS, STREETS, WALKS OR OTHER OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM THE LOCAL AUTHORITIES HAVING JURISDICTION. PROVIDE ALTERNATE ROUTES AROUND CLOSED OR OBSTRUCTED TRAFFIC WAYS, IF REQUIRE BY GOVERNING AUTHORITIES.
   f. PROTECTIONS: ENSURE SAFE PASSAGE OF PERSONS AROUND AREAS OF DEMOLITION. CONDUCT OPERATIONS TO PREVENT DAMAGE TO ADJACENT BUILDINGS, STRUCTURES, AND OTHER FACILITIES AND INJURY TO PERSONS.
   g. DAMAGES: PROMPTLY REPAIR ANY DAMAGES CAUSED TO ADJACENT FACILITIES BY DEMOLITION OPERATIONS.
   h. UTILITY SERVICES: MAINTAIN EXISTING UTILITIES TO STAY IN SERVICE AND PROTECT AGAINST DAMAGE DURING DEMOLITION OPERATIONS. DISCONNECT, CAP AND REMOVE UTILITY SERVICES PER LOCAL REQUIREMENTS. DO NOT START DEMOLITION WORK UNTIL UTILITY DISCONNECTIONS HAVE BEEN COMPLETED TO THE SATISFACTION OF LOCAL UTILITIES. (AS REQUIRED)
7. DEMOLITION
   a. BELOW-GRADE CONSTRUCTION: DEMOLISH FOUNDATION WALLS AND BELOW-GRADE CONSTRUCTION, INCLUDING CONCRETE SLABS TO A DEPTH OF NOT LESS THAN 48 INCHES BELOW LOWEST FOUNDATION LEVEL.
   b. FILLING VOIDS: COMPLETELY FILL BELOW-GRADE AREAS AND VOIDS RESULTING FROM DEMOLITION. BACK FILL TO BE COMPACTED TO 90% STANDARD PROCTOR OR 98% ON NEW STRUCTURES.
8. DISPOSAL OF DEMOLISHED MATERIALS
   a. GENERAL: REMOVE WEEKLY FROM SITE ACCUMULATED DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM DEMOLITION OPERATIONS.
   b. REMOVAL: TRANSPORT MATERIALS REMOVED FROM DEMOLITION OPERATIONS AND LEGALLY DISPOSE OF OFF-SITE.
9. TEMPORARY TRAFFIC CONTROL DURING DEMOLITION AND CONSTRUCTION SHALL CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.

EXISTING LEGEND

- CONTROL POINT
- BENCHMARK
- MAILBOX
- POSSIBLE PROPERTY CORNER
- SANITARY MANHOLE
- STORM MANHOLE
- BEEHIVE INLET
- GRATE INLET
- CURB INLET
- POWER POLE
- YARD LIGHT
- LIGHT POLE
- ELECTRIC TRANSFORMER
- TELEPHONE MANHOLE/VAULT
- TELEPHONE PEDESTAL
- GAS PIPELINE MARKER POST
- WATER METER
- WATER VALVE
- FIRE HYDRANT
- WELL
- BRICK COLUMN
- ROAD SIGN
- FLAG POLE
- IRRIGATION VAULT
- BIRD BATH/BASKETBALL GOAL
- S — SANITARY SEWER
- ST — STORM SEWER PIPE
- BE — BURIED ELECTRIC
- BT — BURIED PHONE
- FO — BURIED FIBER OPTIC

context DESIGN
5825 Lawton Loop E.Dr. | Indianapolis, IN 46216
317-485-6900 | www.context-design.com

VERIDUS GROUP
6280 N. Shadeland Avenue, Suite A
Indianapolis, IN 46220
Phone: (317) 598-8647 | www.theveridusgroup.com

Certified by:

JENNIFER M. LIS — REGISTERED — STATE OF INDIANA — 21081009 — PROFESSIONAL ENGINEER

NOT PERMITTED FOR CONSTRUCTION
01/26/24

CONSTRUCTION DOCUMENTS
FRANKLIN CENTRAL JUNIOR HIGH SCHOOL
SITE IMPROVEMENTS
Indianapolis, IN

Sheet Title: OVERALL DEMOLITION PLAN

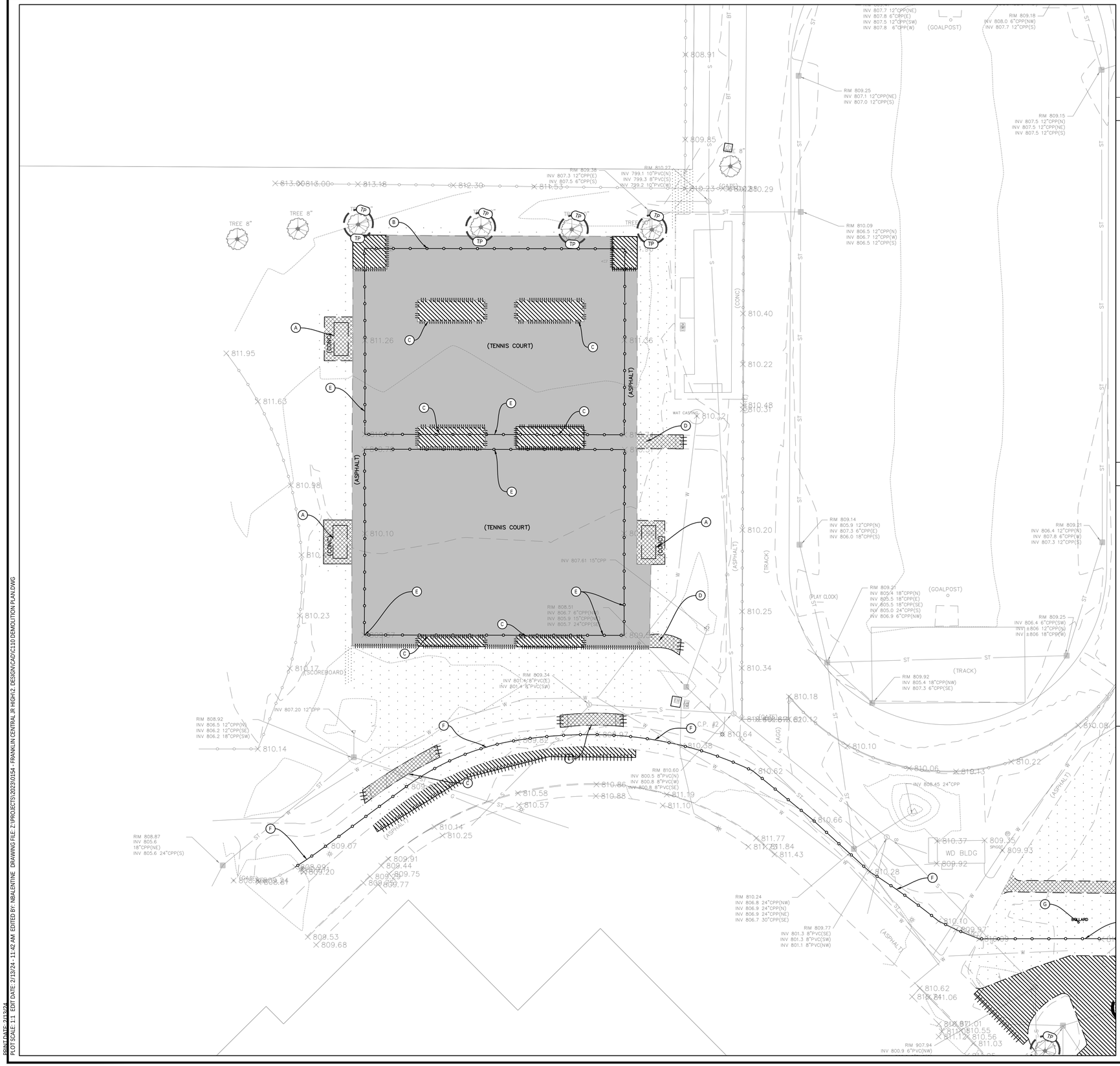
Revision	Date	Description
1	02/12/24	ADDENDUM 1
	01/26/24	BID DOCUMENT PLAN SET

Date:	01/26/24
Project No:	2023.0154
Drawn by:	NCB
Checked by:	JML

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Sheet No:
C110

PRINT DATE: 2/13/24
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KEYNOTES

A. SAWCUT AND REMOVE CONCRETE PAD AND BLEACHERS. PROVIDE BLEACHERS TO OWNER

B. SAWCUT AND REMOVE CONCRETE AS NEEDED FOR CONSTRUCTION

C. SAWCUT AND REMOVE ASPHALT AS NEEDED FOR CONSTRUCTION

D. SAWCUT AND REMOVE WALK

E. REMOVE TENNIS FENCING POSTS AND FOUNDATIONS

F. REMOVE CHAIN LINK FENCE POSTS AND FOUNDATIONS. IF APPLICABLE, CONNECT REMAINING FENCE TO NEW FENCE. SEE L-SERIES FOR ADDITIONAL INFORMATION REGARDING EXTENTS OF DEMOLITION AND REPLACEMENT. (1)

G. REMOVE BOLLARD

H. REMOVE AND RELOCATE LIGHT ASSEMBLY

I. REMOVE STORM STRUCTURE

J. CUT AND CAP PIPE

K. REMOVE PIPE OR FILL WITH FLOWABLE FILL

L. REMOVE RIPRAP

M. REMOVE TREE

N. REMOVE STORM STRUCTURE. SAWCUT TILE AND PROVIDE NEW PVC PIPE SECTION IN PLACE OF REMOVED STORM STRUCTURE TO MAINTAIN CONVEYANCE. PVC SHALL BE OF COMPARABLE SIZE TO EXISTING TILE. CONNECT TO EXISTING TILE VIA FERNCO COUPLING OR APPROVED EQUIVALENT

O. LOCATE TILE ACROSS SITE WITH OWNER. REPAIR AS NEEDED PRIOR TO BRINGING TO PROPOSED GRADES

P. REMOVE AND RESET EXISTING SIGNS. SEE C200 FOR PROPOSED LOCATION.

Q. REMOVE AND RESET EXISTING MAILBOX. SEE C200 FOR PROPOSED LOCATION.

R. REMOVE AND RESET EXISTING MONUMENT. SEE C200 FOR PROPOSED LOCATION.

S. REMOVE EXISTING ELECTRIC POLE. REPLACE BEHIND PROPOSED CURB. SEE SEE C406 FOR PROPOSED LOCATION AND LAYOUT.

T. REMOVE AND RELOCATE IRRIGATION VAULT. COORDINATE TIMING WITH OWNER. CONTRACTOR TO LOCATE IRRIGATION INFRASTRUCTURE PRIOR TO COMMENCING WORK. CAP AND ABANDON ANY LINES IN DISTURBED AREA. (1)

DEMOLITION LEGEND

- CONCRETE CURB & GUTTER
- TP — TREE PROTECTION
- SAWCUT PAVEMENT AS NEEDED FOR CONSTRUCTION
- REMOVE UTILITY
- REMOVE ASPHALT
- REMOVE CONCRETE
- REMOVE VEGETATION AS NECESSARY FOR CONSTRUCTION. REPAIR VEGETATION UPON COMPLETION OF PROJECT.
- REMOVE GRAVEL
- MILL AND RESURFACE
- OBJECT TO BE PROTECTED

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BOUNDARY AND TOPOGRAPHIC SURVEY INFORMATION PROVIDED BY CMID INC. PROJECT NUMBER ----, DATED 04/18/2023.

GENERAL NOTES

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2. THE CONTRACTOR SHALL REMOVE AND DISPOSE ALL EXISTING STRUCTURES, STONE, CONCRETE AND PAVEMENT OFF SITE UNLESS NOTED TO REMAIN ON THE CONTRACT DRAWINGS.
3. THE CONTRACTOR SHALL PROTECT AND NOT DESTROY THE PROPERTY CORNER MONUMENTS DURING CONSTRUCTION. IF A MONUMENT IS MOVED OR DAMAGED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND SURVEYOR OF RECORD.
4. THIS SECTION REQUIRES THE REMOVAL AND DISPOSAL, OFF SITE, OF THE FOLLOWING:
   a. SPECIFIED OBJECTS
   b. VEGETATION WITHIN THE WORK AREA.
5. CONTRACTOR SHALL SUBMIT THE FOLLOWING IN ACCORDANCE WITH CONDITIONS OF THE CONTRACT AND APPROPRIATE SPECIFICATION SECTIONS:
   a. A DETAILED SEQUENCE AND SCHEDULE OF DEMOLITION AND REMOVAL WORK TO BE COMPLETED.
6. JOB CONDITIONS
   a. SALVAGED MATERIALS: ITEMS OF SALVAGEABLE VALUE TO CONTRACTOR MAY BE REMOVED FROM SITE AS WORK PROGRESSES. TRANSPORT SALVAGED ITEMS FROM THE SITE AS THEY ARE REMOVED.
   b. STORAGE OR SALE OF REMOVED ITEMS WILL NOT BE PERMITTED ON SITE.
   c. EXPLOSIVES: USE OF ANY TYPE OF EXPLOSIVES WILL NOT BE PERMITTED.
   d. TRAFFIC: CONDUCT DEMOLITION OPERATIONS AND REMOVAL OF DEBRIS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS AND OTHER ADJACENT OCCUPIED AND USED FACILITIES.
   e. DO NOT CLOSE OR OBSTRUCT ROADS, STREETS, WALKS OR OTHER OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM THE LOCAL AUTHORITIES HAVING JURISDICTION. PROVIDE ALTERNATE ROUTES AROUND CLOSED OR OBSTRUCTED TRAFFIC WAYS, IF REQUIRE BY GOVERNING AUTHORITIES.
   f. PROTECTIONS: ENSURE SAFE PASSAGE OF PERSONS AROUND AREAS OF DEMOLITION. CONDUCT OPERATIONS TO PREVENT DAMAGE TO ADJACENT BUILDINGS, STRUCTURES, AND OTHER FACILITIES AND INJURY TO PERSONS.
   g. DAMAGES: PROMPTLY REPAIR ANY DAMAGES CAUSED TO ADJACENT FACILITIES BY DEMOLITION OPERATIONS.
   h. UTILITY SERVICES: MAINTAIN EXISTING UTILITIES TO STAY IN SERVICE AND PROTECT AGAINST DAMAGE DURING DEMOLITION OPERATIONS. DISCONNECT, CAP AND REMOVE UTILITY SERVICES PER LOCAL REQUIREMENTS. DO NOT START DEMOLITION WORK UNTIL UTILITY DISCONNECTIONS HAVE BEEN COMPLETED TO THE SATISFACTION OF LOCAL UTILITIES. (AS REQUIRED)
7. DEMOLITION
   a. BELOW-GRADE CONSTRUCTION: DEMOLISH FOUNDATION WALLS AND BELOW-GRADE CONSTRUCTION, INCLUDING CONCRETE SLABS TO A DEPTH OF NOT LESS THAN 48 INCHES BELOW LOWEST FOUNDATION LEVEL.
   b. FILLING VOIDS: COMPLETELY FILL BELOW-GRADE AREAS AND VOIDS RESULTING FROM DEMOLITION. BACK FILL TO BE COMPACTED TO 90% STANDARD PROCTOR OR 98% ON NEW STRUCTURES.
8. DISPOSAL OF DEMOLISHED MATERIALS
   a. GENERAL: REMOVE WEEKLY FROM SITE ACCUMULATED DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM DEMOLITION OPERATIONS.
   b. REMOVAL: TRANSPORT MATERIALS REMOVED FROM DEMOLITION OPERATIONS AND LEGALLY DISPOSE OF OFF-SITE.
9. TEMPORARY TRAFFIC CONTROL DURING DEMOLITION AND CONSTRUCTION SHALL CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.

EXISTING LEGEND

- CONTROL POINT
- BENCHMARK
- MAILBOX
- POSSIBLE PROPERTY CORNER
- SANITARY MANHOLE
- STORM MANHOLE
- BEEHIVE INLET
- GRATE INLET
- CURB INLET
- POWER POLE
- YARD LIGHT
- LIGHT POLE
- ELECTRIC TRANSFORMER
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- TELEPHONE PEDESTAL
- GAS PIPELINE MARKER POST
- WATER METER
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- FO — BURIED FIBER OPTIC
- G — GAS LINE
- W — WATER LINE
- X — FENCE
- ROCK
- TREE
- BUSH

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Phone: (317) 598-8647 | www.theveridusgroup.com

Certified by:
JENNIFER M. LOY — REGISTERED — 10810018 — STATE OF INDIANA — PROFESSIONAL ENGINEER
NOT PERMITTED FOR CONSTRUCTION
02/12/24

CONSTRUCTION DOCUMENTS
FRANKLIN CENTRAL JUNIOR HIGH SCHOOL
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Indianapolis, IN

Sheet Title: DEMOLITION PLAN

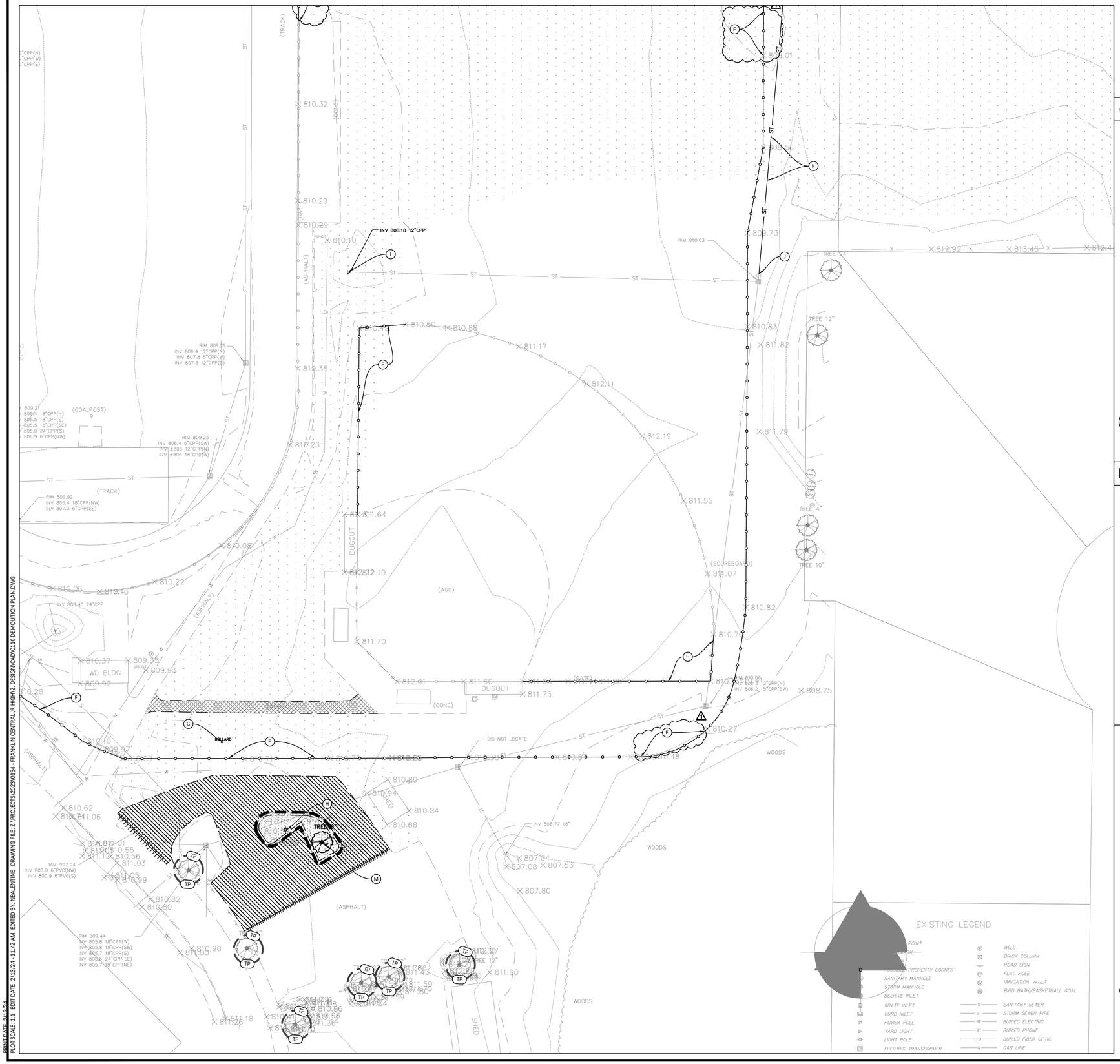
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SCALE: 1"=30'

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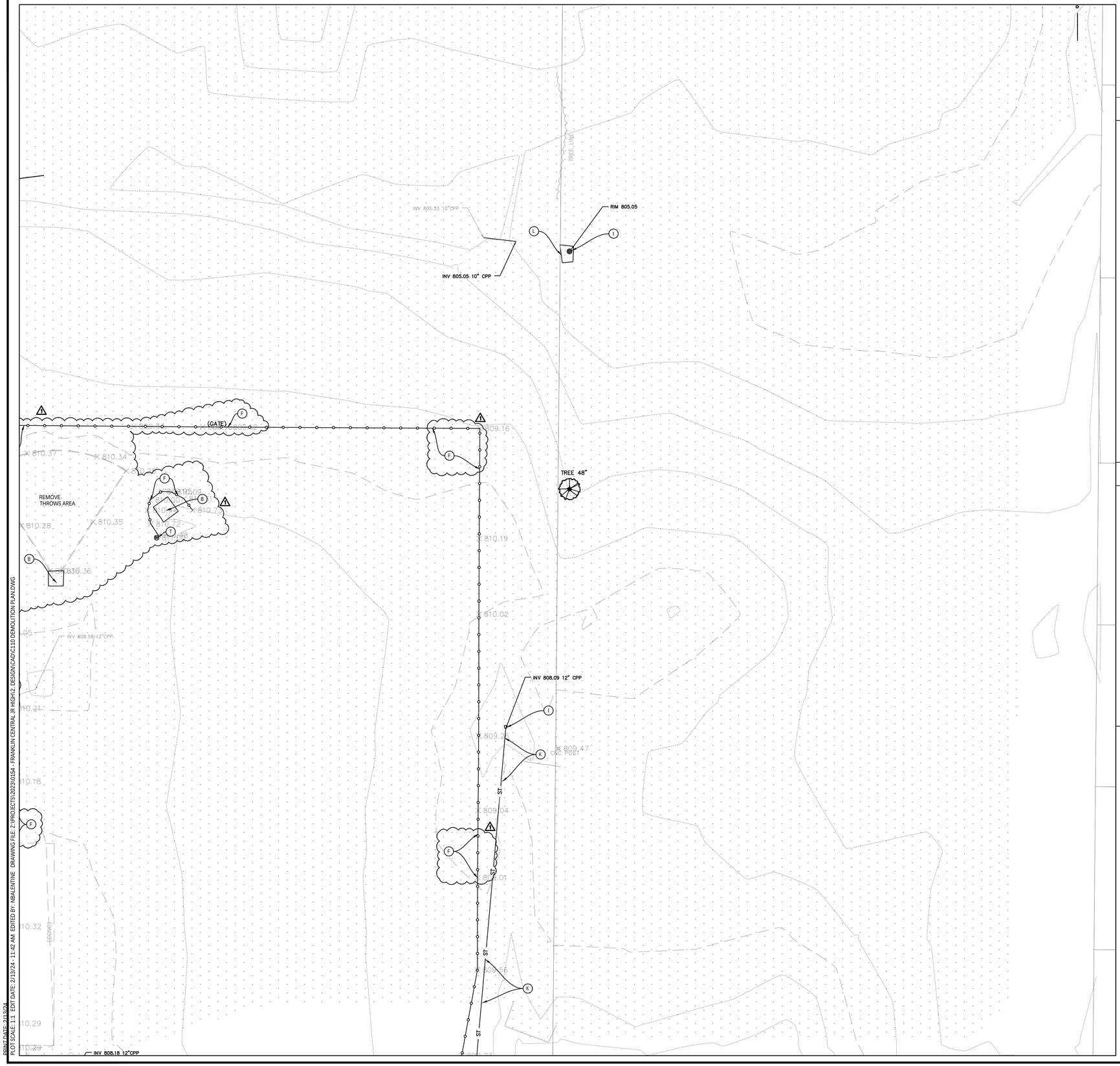
Revision	Date	Description
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Phone: (317) 598-8647 | www.theveridusgroup.com

Certified by:
JENNIFER M. LOY — REGISTERED — 10810 — STATE OF INDIANA — PROFESSIONAL ENGINEER
NOT PERMITTED FOR CONSTRUCTION
02/12/24

CONSTRUCTION DOCUMENTS
FRANKLIN CENTRAL JUNIOR HIGH SCHOOL
SITE IMPROVEMENTS
Indianapolis, IN

Sheet Title: DEMOLITION PLAN

Revision	Description	Date
1	ADDENDUM 1	02/12/24
	BID DOCUMENT PLAN SET	01/26/24

Date:	01/26/24
Project No:	2023.0154
Drawn by:	NCB
Checked by:	JML

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Sheet No:
C113



0' 30' 60'

SCALE: 1"=30'

KEYNOTES

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B. SAWCUT AND REMOVE CONCRETE AS NEEDED FOR CONSTRUCTION

C. SAWCUT AND REMOVE ASPHALT AS NEEDED FOR CONSTRUCTION

D. SAWCUT AND REMOVE WALK

E. REMOVE TENNIS FENCING POSTS AND FOUNDATIONS

F. REMOVE CHAIN LINK FENCE POSTS AND FOUNDATIONS. IF APPLICABLE, CONNECT REMAINING FENCE TO NEW FENCE. SEE L-SERIES FOR ADDITIONAL INFORMATION REGARDING EXTENTS OF DEMOLITION AND REPLACEMENT. (1)

G. REMOVE BOLLARD

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L. REMOVE RIPRAP

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O. LOCATE TILE ACROSS SITE WITH OWNER. REPAIR AS NEEDED PRIOR TO BRINGING TO PROPOSED GRADES

P. REMOVE AND RESET EXISTING SIGNS. SEE C200 FOR PROPOSED LOCATION.

Q. REMOVE AND RESET EXISTING MAILBOX. SEE C200 FOR PROPOSED LOCATION.

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DEMOLITION LEGEND

- CONCRETE CURB & GUTTER
- TP — TREE PROTECTION
- SAWCUT PAVEMENT AS NEEDED FOR CONSTRUCTION
- REMOVE UTILITY
- REMOVE ASPHALT
- REMOVE CONCRETE
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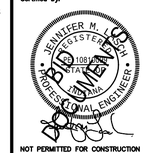
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Sheet Title:
DEMOLITION PLAN

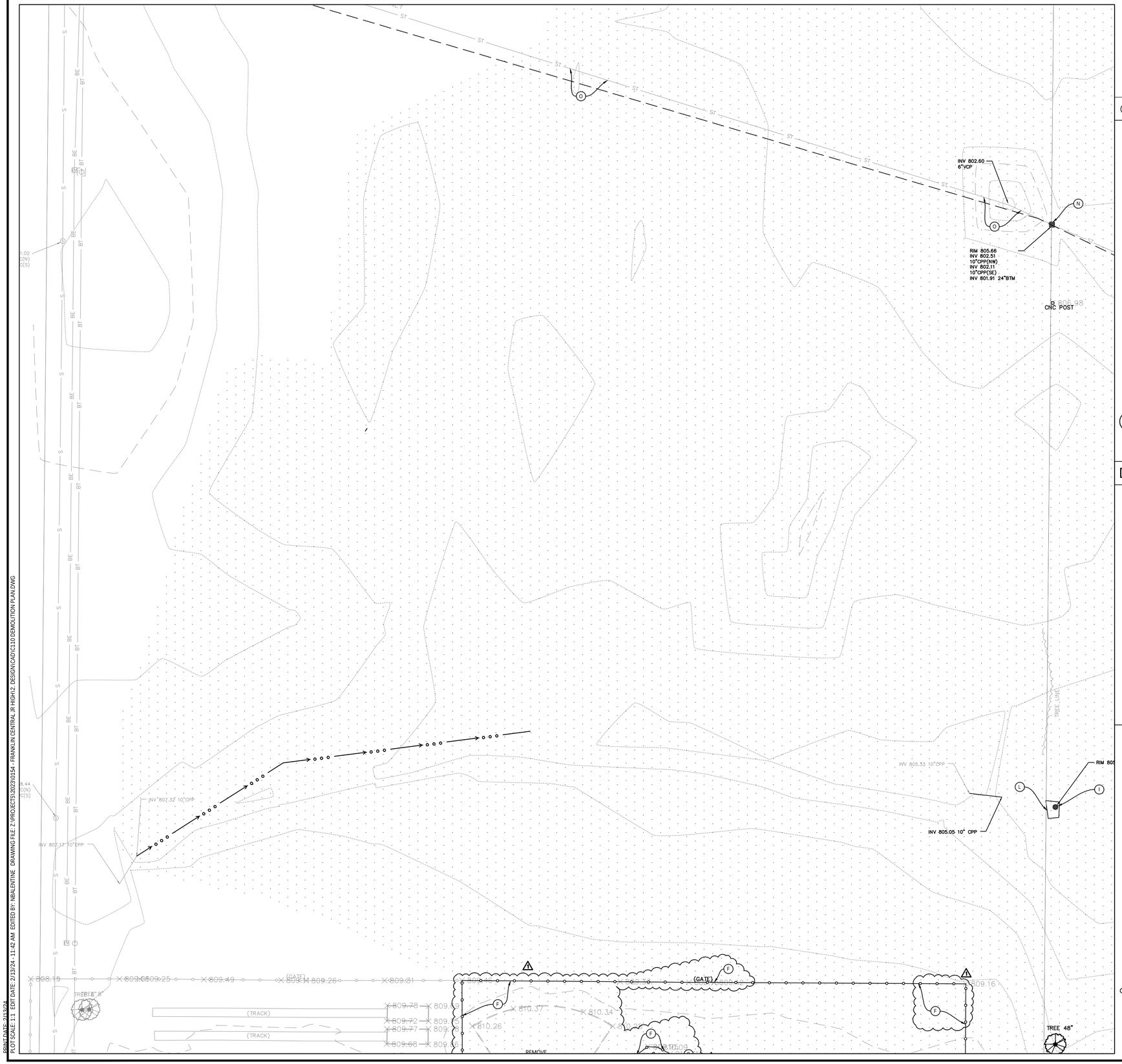
Revision	Date	Description
1	01/26/24	BID DOCUMENT PLAN SET
	02/12/24	ADDENDUM 1

Date:	01/26/24
Project No:	2023.0154
Drawn by:	NCB
Checked by:	JML

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Sheet No:
C114

PRINT DATE: 2/13/24
PLOT SCALE: 1:1 | PLOT DATE: 2/13/24 - 11:42 AM | EDITED BY: NBALENTINE | DRAWING FILE: Z:\PROJECTS\2023\0154 - FRANKLIN CENTRAL JR HIGH\2. DESIGN\CAD\C10 DEMOLITION PLAN.DWG



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Sheet Title: DEMOLITION PLAN

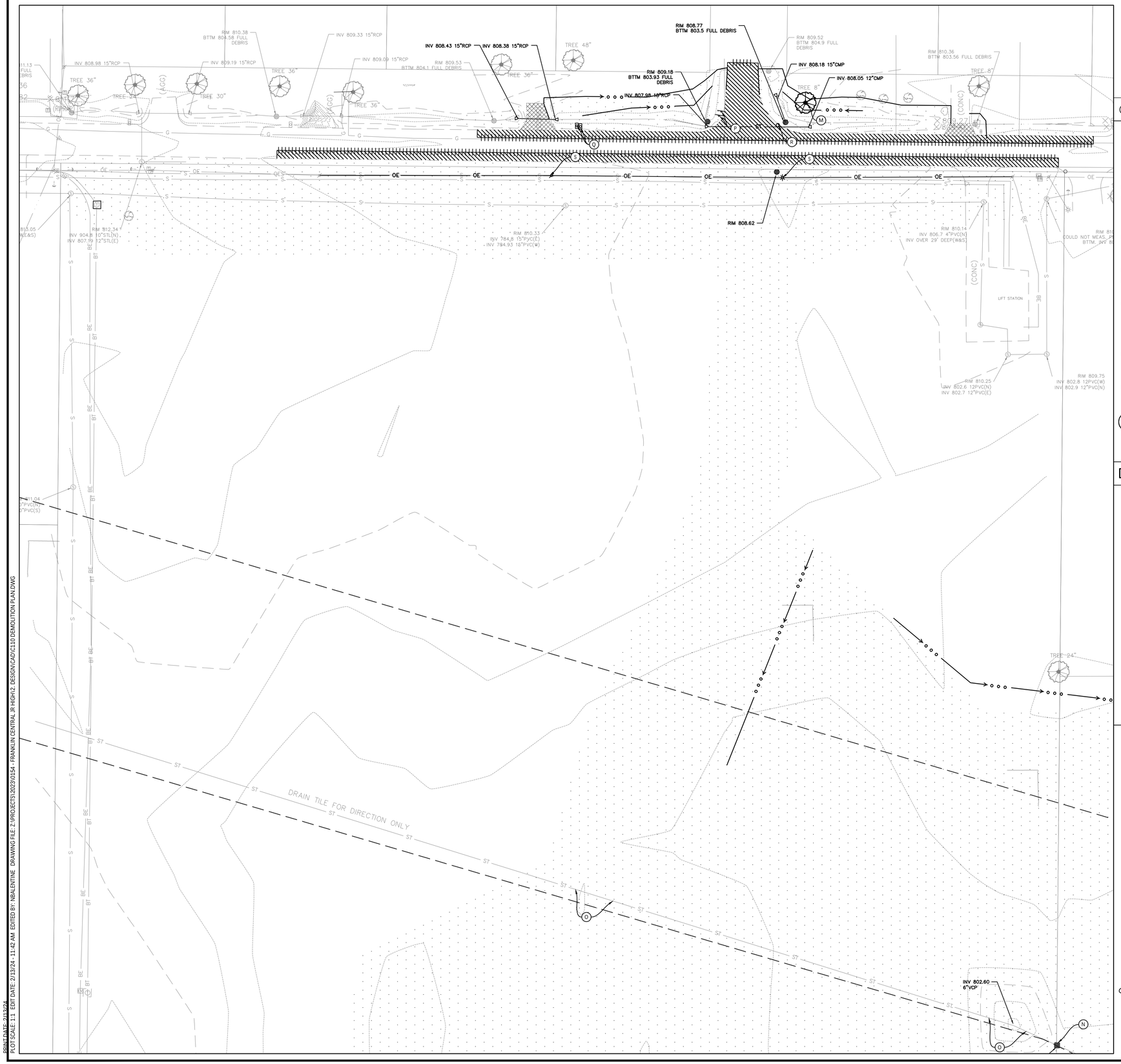
Revision	Date	Description
1	02/12/24	ADDENDUM 1
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   b. FILLING VOIDS: COMPLETELY FILL BELOW-GRADE AREAS AND VOIDS RESULTING FROM DEMOLITION. BACK FILL TO BE COMPACTED TO 90% STANDARD PROCTOR OR 98% ON NEW STRUCTURES.
8. DISPOSAL OF DEMOLISHED MATERIALS
   a. GENERAL: REMOVE WEEKLY FROM SITE ACCUMULATED DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM DEMOLITION OPERATIONS.
   b. REMOVAL: TRANSPORT MATERIALS REMOVED FROM DEMOLITION OPERATIONS AND LEGALLY DISPOSE OF OFF-SITE.
9. TEMPORARY TRAFFIC CONTROL DURING DEMOLITION AND CONSTRUCTION SHALL CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.

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Indianapolis, IN 46220
Phone: (317) 598-8647 | www.theveridusgroup.com

Certified by:
JENNIFER M. LOY — REGISTERED — 21081 — STATE OF INDIANA — PROFESSIONAL ENGINEER
NOT PERMITTED FOR CONSTRUCTION
02/12/24

CONSTRUCTION DOCUMENTS
FRANKLIN CENTRAL JUNIOR HIGH SCHOOL
SITE IMPROVEMENTS
Indianapolis, IN

Sheet Title: DEMOLITION PLAN

Revision	Date	Description
1	02/12/24	ADDENDUM 1
	01/26/24	BID DOCUMENT PLAN SET

Date:	01/26/24
Project No:	2023.0154
Drawn by:	NCB
Checked by:	JML

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Sheet No:
C116

REFER TO C400 OVERALL UTILITY PLAN FOR ALTERNATE 1 ADDITIONAL SCOPE OF WORK

MATCHLINE – REFER TO C302

MATCHLINE – REFER TO C301

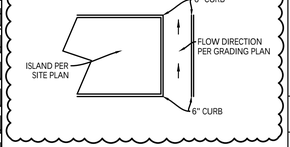
MATCHLINE – REFER TO C3

SCALE: 1"=30'

GRADING LEGEND

ME	MATCH EXISTING
HP	HIGH POINT
LP	LOW POINT
BC	BOTTOM OF CURB
TC	TOP OF CURB
TR	TOP OF RIM/CASTING
FL	FLOWLINE
000	CONTOURS
	FLOW LINE
TC 000.00 BC 000.00	CURB ELEVATIONS
000.00	SPOT ELEVATIONS
FC 000.00	FLUSH CURB
000.00 ME	MATCH EXISTING ELEVATION. CONTRACTOR TO VERIFY ELEVATION SHOWN MATCHES EXISTING TIE-IN ELEVATION. NOTIFY ENGINEER IF VARIES BY ¼" OR MORE.
	FLOW ARROW

1 2' GAP IN CURB FOR DRAINAGE FLOW TO INLETS



EXISTING LEGEND

- CONTROL POINT
- BENCHMARK
- MAILBOX
- POSSIBLE PROPERTY CORNER
- SANITARY MANHOLE
- STORM MANHOLE
- BEEHIVE INLET
- GRATE INLET
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- G — GAS LINE
- W — WATER LINE
- X — FENCE
- ROCK
- TREE
- BUSH

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PER INDIANA STATE LAW IS-69-1991. IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

BOUNDARY AND TOPOGRAPHIC SURVEY INFORMATION PROVIDED BY CMID INC. PROJECT NUMBER VALUE, DATED VALUE.

GENERAL NOTES

1. ALL WORKMANSHIP AND MATERIALS SHALL CONFORM TO STATE AND LOCAL REGULATIONS.
2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS (VERTICAL AND HORIZONTAL) IN THE FIELD PRIOR TO STARTING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FIELD DIMENSIONS. IF ANY DISCREPANCIES ARE FOUND IN THESE PLANS FROM THE ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER.
3. SITE GRADING SHALL NOT PROCEED UNTIL EROSION CONTROL MEASURES HAVE BEEN INSTALLED AND INSPECTED BY THE RESPONSIBLE PARTY.
4. THE EXCAVATING CONTRACTOR MUST TAKE PARTICULAR CARE WHEN EXCAVATING IN AND AROUND EXISTING UTILITY LINES AND EQUIPMENT. VERIFY COVER REQUIREMENTS BY UTILITY CONTRACTOR'S AND/OR UTILITY COMPANIES SO AS NOT TO CAUSE DAMAGE.
5. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES 72 HOURS BEFORE CONSTRUCTION IS TO START. TO VERIFY IF ANY UTILITIES ARE PRESENT ON SITE. ALL VERIFICATIONS (LOCATION, SIZE AND DEPTH) SHALL BE MADE BY THE APPROPRIATE UTILITY COMPANIES WHEN EXCAVATING IS AROUND OR OVER EXISTING UTILITIES. THE CONTRACTOR MUST NOTIFY THE UTILITY COMPANY SO A REPRESENTATIVE OF THAT UTILITY COMPANY CAN BE PRESENT TO INSTRUCT AND OBSERVE DURING CONSTRUCTION.
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7. AFTER STRIPPING TOPSOIL MATERIAL, THE CONTRACTOR SHALL PROOF ROLL WITH A MEDIUM WEIGHT ROLLER TO DETERMINE LOCATIONS OF ANY POCKETS OF UNSUITABLE MATERIAL. THE NECESSITY FOR SUB-DRAINS AND/OR REMOVAL OF ANY UNSUITABLE MATERIAL WITHIN THE PROPOSED PARKING AREAS WILL BE DETERMINED AT THE TIME OF CONSTRUCTION.
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NOT PERMITTED FOR CONSTRUCTION 02/12/24

CONSTRUCTION DOCUMENTS
FRANKLIN CENTRAL JUNIOR HIGH SCHOOL
SITE IMPROVEMENTS
Indianapolis, IN

Sheet Title: GRADING PLAN

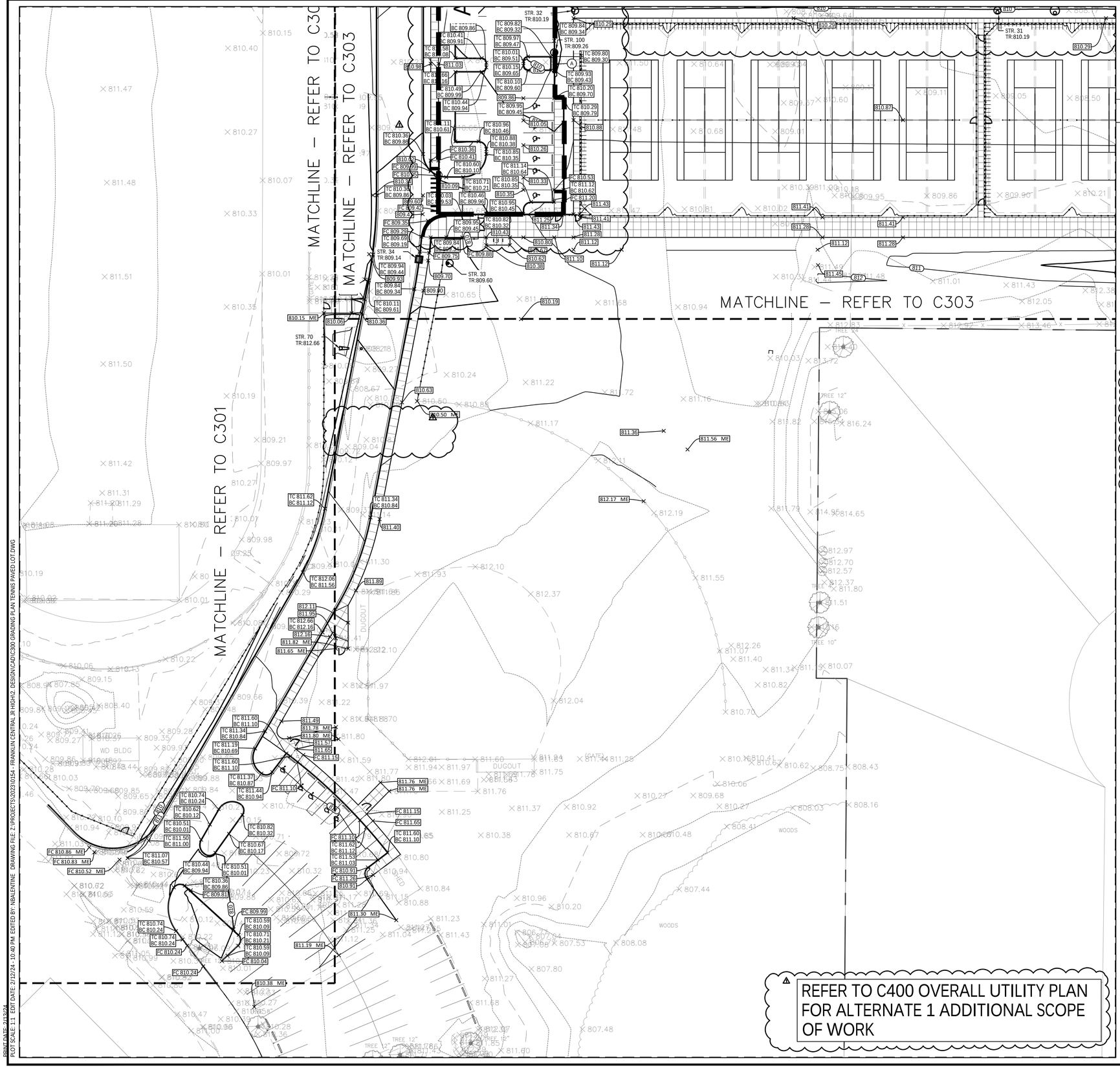
Revision	Date	Description
1	02/12/24	ADDENDUM 1
	01/26/24	BID DOCUMENT PLAN SET

Date:	01/26/24
Project No:	2023.0154
Drawn by:	NCB
Checked by:	JML

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Sheet No: C301

PRINT DATE: 2/12/24
PLOT SCALE: 1:1 EDIT DATE: 2/12/24 - 10:40 PM ENTED BY: NBALENTINE DRAWING FILE: Z:\PROJECTS\2023\0154 - FRANKLIN CENTRAL JR HIGH\2 DESIGN\CAD\C300 GRADING PLAN TENNIS PAVED LOT.DWG

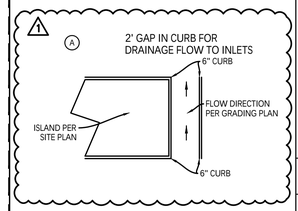


0' 30' 60'

SCALE: 1"=30'

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EXISTING LEGEND

- CONTROL POINT
- BENCHMARK
- MAILBOX
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- SANITARY MANHOLE
- STORM MANHOLE
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NOT PERMITTED FOR CONSTRUCTION
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CONSTRUCTION DOCUMENTS
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SITE IMPROVEMENTS
Indianapolis, IN

Sheet Title: GRADING PLAN

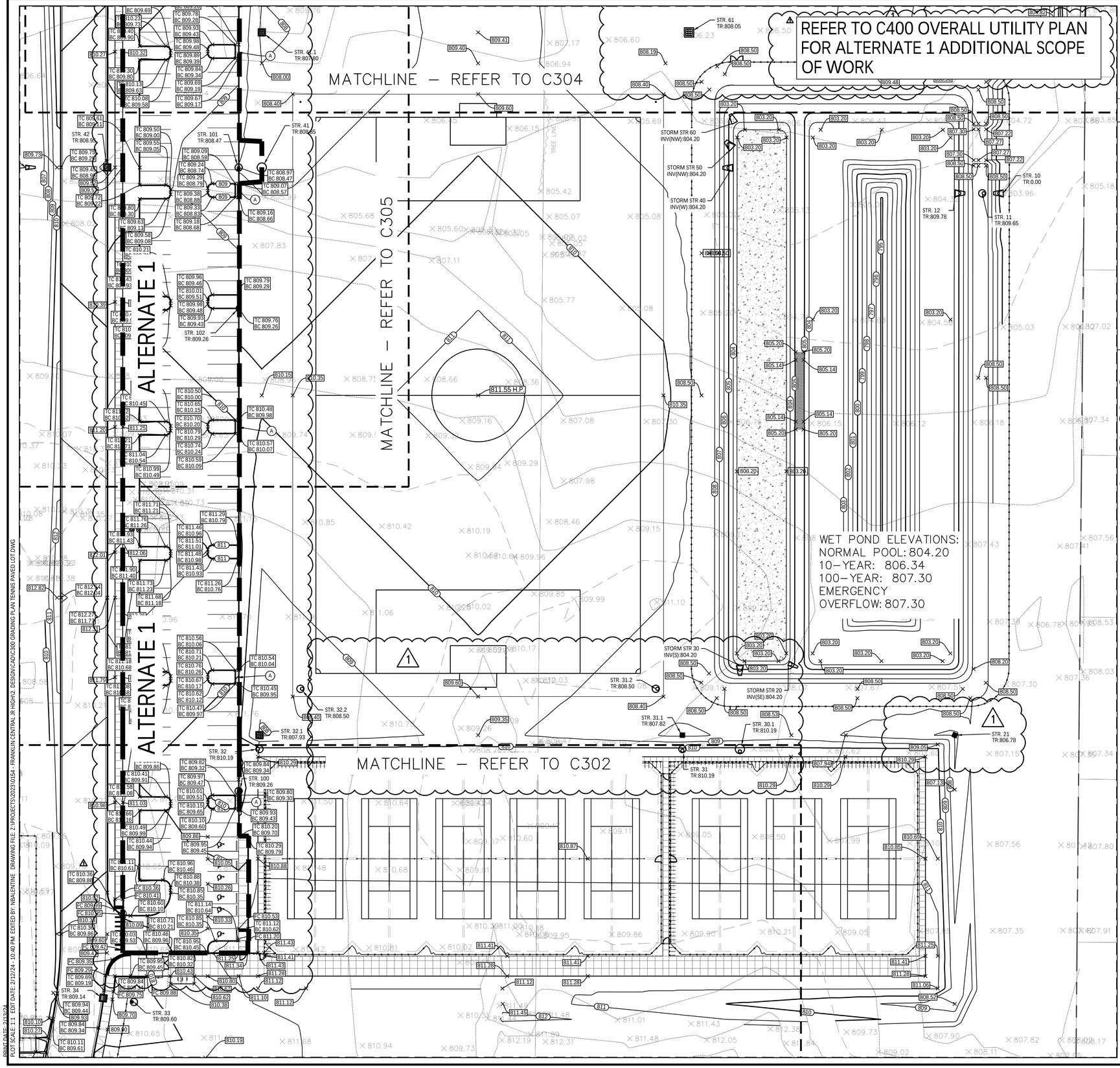
Revision	Date	Description
1	02/12/24	ADDENDUM 1
	01/26/24	BID DOCUMENT PLAN SET

Date:	01/26/24
Project No:	2023.0154
Drawn by:	NCB
Checked by:	JML

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Sheet No: C302

PLOT SCALE: 1:1 | EDIT DATE: 2/12/24 - 10:40 PM | EDITED BY: NBALENTINE | DRAWING FILE: Z:\PROJECTS\2023\0154 - FRANKLIN CENTRAL JR HIGH\2. DESIGN\CAD\C300 GRADING PLAN TENNIS PAVED LOT.DWG | PRINT DATE: 2/12/24



SCALE: 1"=30'

BOUNDARY AND TOPOGRAPHIC SURVEY INFORMATION PROVIDED BY CMID INC. PROJECT NUMBER VALUE, DATED VALUE.

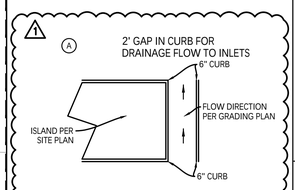
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2' GAP IN CURB FOR DRAINAGE FLOW TO INLETS



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CONSTRUCTION DOCUMENTS
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SITE IMPROVEMENTS
Indianapolis, IN

Sheet Title: GRADING PLAN

Revision	Description	Date
1	BID DOCUMENT PLAN SET ADDENDUM 1	01/26/24 02/12/24

Date:	01/26/24
Project No:	2023.0154
Drawn by:	NCB
Checked by:	JML

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Sheet No: C303

PRINT DATE: 2/12/24
PLOT SCALE: 1:1 | EDIT DATE: 2/12/24 - 10:40 PM | EDITED BY: NBALENTINE | DRAWING FILE: Z:\PROJECTS\2023\0154 - FRANKLIN CENTRAL JR HIGH\2 DESIGN\CAD\C300 GRADING PLAN TENNIS PAVED LOT.DWG

REFER TO C400 OVERALL UTILITY PLAN FOR ALTERNATE 1 ADDITIONAL SCOPE OF WORK

MATCHLINE – REFER TO C306

MATCHLINE – REFER TO C305

MATCHLINE – REFER TO C303

MATCHLINE – REFER TO C305

ALTERNATE 1

0' 30' 60'

SCALE: 1"=30'

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4. THE EXCAVATING CONTRACTOR MUST TAKE PARTICULAR CARE WHEN EXCAVATING IN AND AROUND EXISTING UTILITY LINES AND EQUIPMENT. VERIFY COVER REQUIREMENTS BY UTILITY CONTRACTOR'S AND/OR UTILITY COMPANIES SO AS NOT TO CAUSE DAMAGE.
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7. AFTER STRIPPING TOPSOIL MATERIAL, THE CONTRACTOR SHALL PROOF ROLL WITH A MEDIUM WEIGHT ROLLER TO DETERMINE LOCATIONS OF ANY POCKETS OF UNSUITABLE MATERIAL. THE NECESSITY FOR SUB-DRAINS AND/OR REMOVAL OF ANY UNSUITABLE MATERIAL WITHIN THE PROPOSED PARKING AREAS WILL BE DETERMINED AT THE TIME OF CONSTRUCTION.
8. CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE IN ALL AREAS. AFTER INSTALLATION, CONTRACTOR SHALL TEST FOR, AND CORRECT ANY DEFICIENT CONDITIONS.
9. ALL PROPOSED SPOT ELEVATIONS ARE THE FINAL PAVEMENT AND FINAL GRADE ELEVATIONS.
10. SEE APPROPRIATE DETAILS TO DETERMINE SUBGRADE ELEVATIONS BELOW FINISH GRADE ELEVATIONS INDICATED.
11. ALL STORM SEWER MATERIALS AND INSTALLATION SHALL CONFORM TO STANDARD INDOT SPECIFICATIONS.
12. INVERTS AT PIPE OUTLETS ARE GIVEN AT END OF PIPE END SECTION.
13. CONTRACTOR SHALL VERIFY ELEVATION OF ALL EXISTING STORM SEWERS BEFORE INSTALLATION OF THE PROPOSED STORM SEWER. IF A CONDITION IS DISCOVERED THAT PREVENTS INSTALLATIONS PER THE PLANS AND SPECIFICATIONS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER.
14. CONTRACTOR SHALL PERFORM GRADING AND COMPACTION AND LIME STABILIZATION OF PAVEMENT SUBGRADE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT PREPARED FOR THIS PROJECT.
15. STRUCTURES RECEIVING SUBSURFACE DRAINS SHALL HAVE BOTH PORTS CORE DRILLED. T OR Y BLIND CONNECTIONS ARE NOT ALLOWED.
16. ALL EXISTING UTILITY CASTINGS, LIDS, AND ACCESS SHALL BE SET TO FINAL GRADE UNLESS OTHERWISE DIRECTED.
17. ANY OFFSITE BORROW AND/OR WASTE SITES THAT ARE NEEDED SHALL BE PERMITTED AS PART OF THIS PERMIT OR BE PART OF AN EXISTING PERMIT.

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02/12/24

CONSTRUCTION DOCUMENTS
FRANKLIN CENTRAL JUNIOR HIGH SCHOOL
SITE IMPROVEMENTS
Indianapolis, IN

Sheet Title: GRADING PLAN

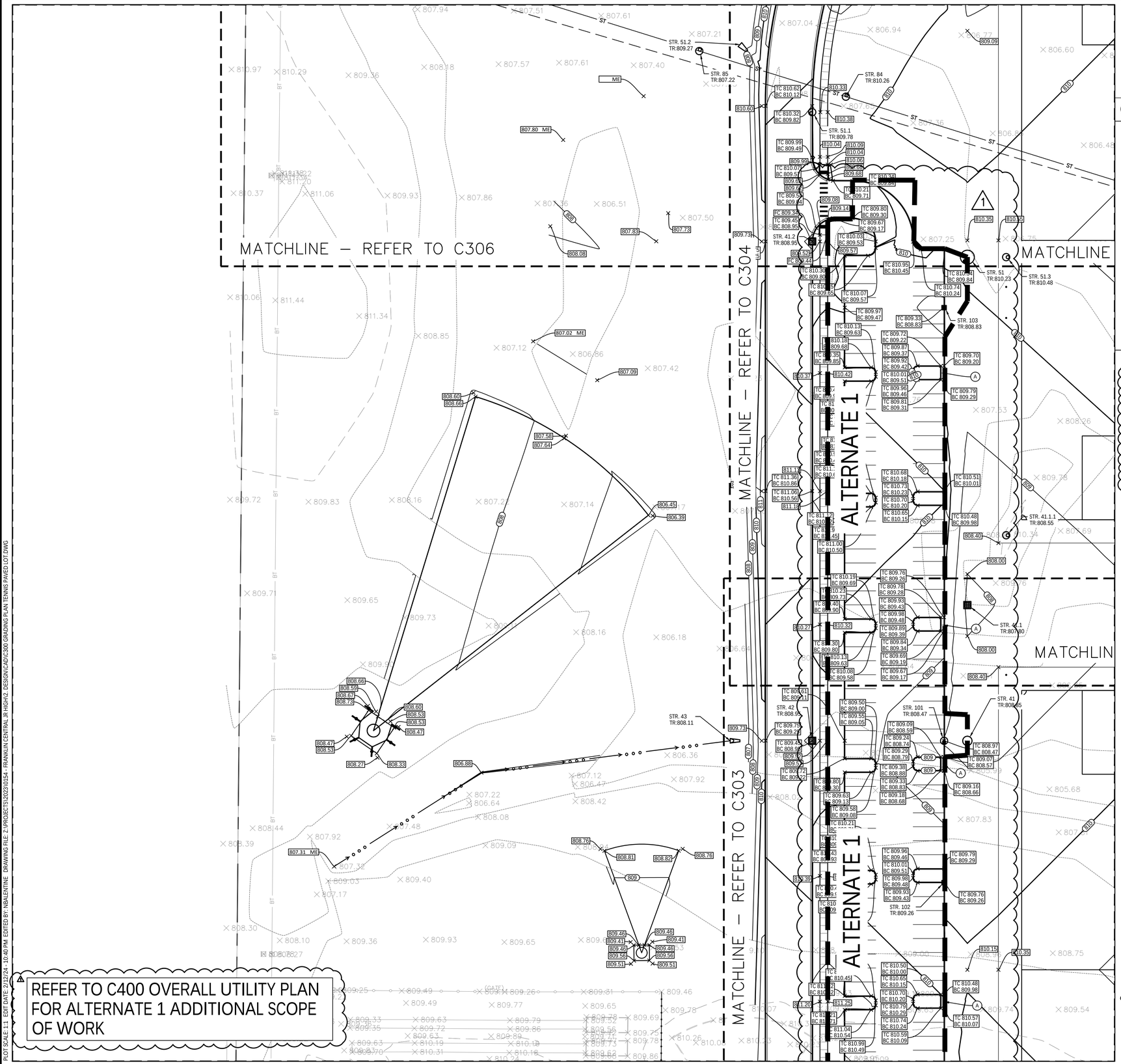
Revision	Description	Date
1	ADDENDUM 1	02/12/24
	BID DOCUMENT PLAN SET	01/26/24

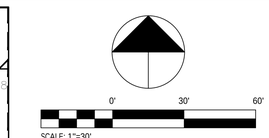
Date:	01/26/24
Project No:	2023.0154
Drawn by:	NCB
Checked by:	JML

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Sheet No: C304

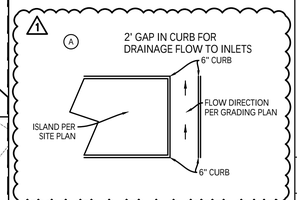
PRINT DATE: 2/12/24
PLOT SCALE: 1:1 EDIT DATE: 2/12/24 - 10:40 PM EDITED BY: NBALENTINE DRAWING FILE: Z:\PROJECTS\2023\0154 - FRANKLIN CENTRAL JR HIGH\2 DESIGN\CAD\C300 GRADING PLAN TENNIS PAVED LOT.DWG





GRADING LEGEND

ME	MATCH EXISTING
HP	HIGH POINT
LP	LOW POINT
BC	BOTTOM OF CURB
TC	TOP OF CURB
TR	TOP OF RIM/CASTING
FL	FLOWLINE
000	CONTOURS
	FLOW LINE
TC 000.00 BC 000.00	CURB ELEVATIONS
000.00	SPOT ELEVATIONS
FC 000.00	FLUSH CURB
000.00 ME	MATCH EXISTING ELEVATION. CONTRACTOR TO VERIFY ELEVATION SHOWN MATCHES EXISTING TIE-IN ELEVATION. NOTIFY ENGINEER IF VARIES BY ¼" OR MORE.
	FLOW ARROW



EXISTING LEGEND

- CONTROL POINT
- BENCHMARK
- MAILBOX
- POSSIBLE PROPERTY CORNER
- SANITARY MANHOLE
- STORM MANHOLE
- BEEHIVE INLET
- GRATE INLET
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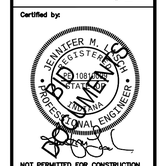
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Sheet Title:
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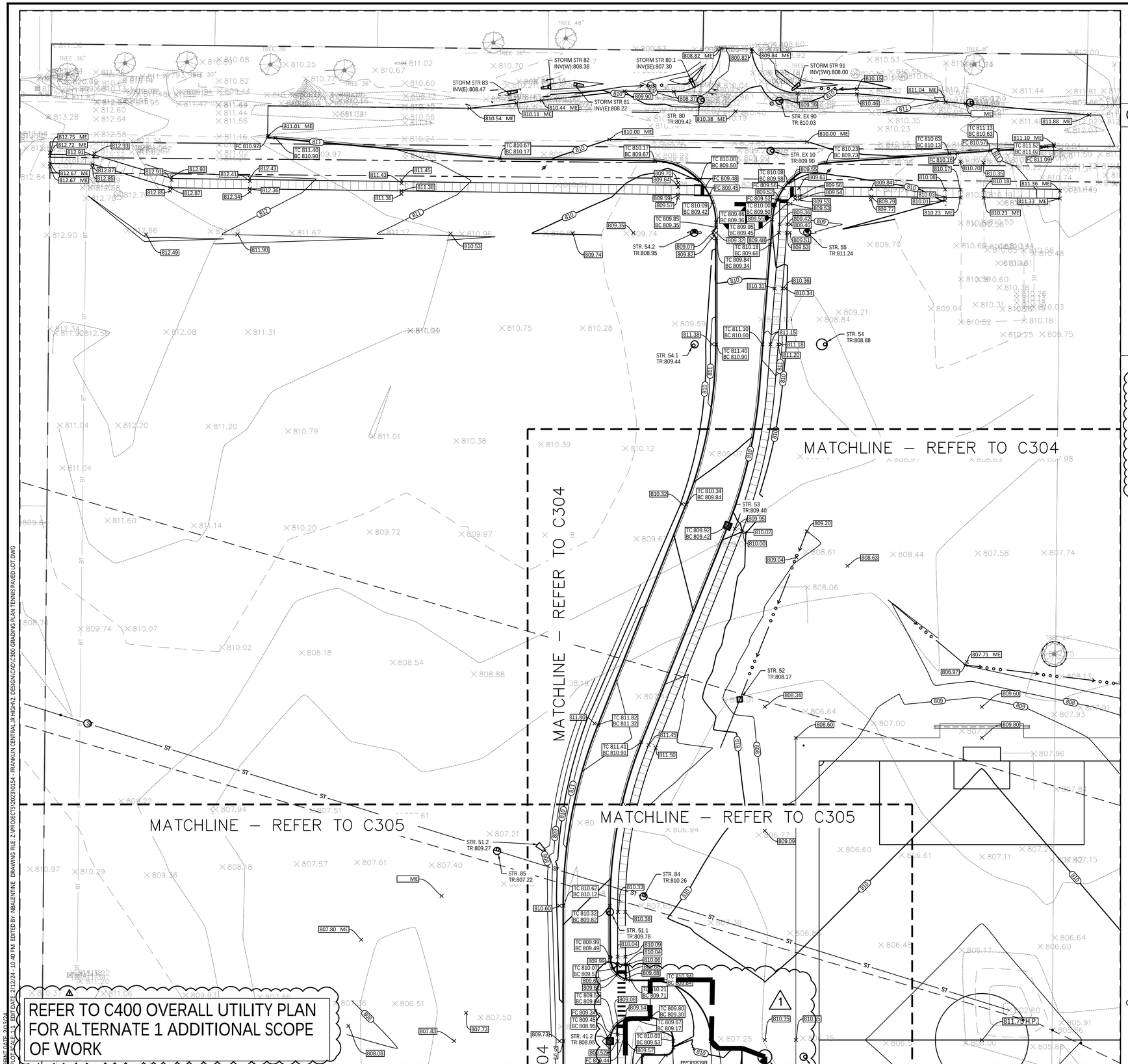
Revision	Description	Date
1	BID DOCUMENT PLAN SET ADDENDUM 1	01/26/24 02/12/24

Date:	01/26/24
Project No:	2023.0154
Drawn by:	NCB
Checked by:	JML

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PLOT SCALE: 1:1 | EDIT DATE: 2/12/24 - 10:40 PM | EDITED BY: NBALENTINE | DRAWING FILE: Z:\PROJECTS\2023\0154 - FRANKLIN CENTRAL JR HIGH\2. DESIGN\CAD\C300 GRADING PLAN TENNIS PAVED LOT.DWG
PRINT DATE: 2/12/24



SCALE: 1"=30'

BOUNDARY AND TOPOGRAPHIC SURVEY INFORMATION PROVIDED BY CMID INC. PROJECT NUMBER VALUE, DATED VALUE.

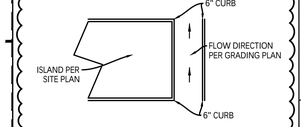
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GRADING LEGEND

ME	MATCH EXISTING
HP	HIGH POINT
LP	LOW POINT
BC	BOTTOM OF CURB
TC	TOP OF CURB
TR	TOP OF RIM/CASTING
FL	FLOWLINE
000	CONTOURS
	FLOW LINE
TC 000.00 BC 000.00	CURB ELEVATIONS
000.00	SPOT ELEVATIONS
FC 000.00	FLUSH CURB
000.00 ME	MATCH EXISTING ELEVATION. CONTRACTOR TO VERIFY ELEVATION SHOWN MATCHES EXISTING TIE-IN ELEVATION. NOTIFY ENGINEER IF VARIES BY ½" OR MORE.
	FLOW ARROW

A — 2' GAP IN CURB FOR DRAINAGE FLOW TO INLETS



EXISTING LEGEND

- CONTROL POINT
- BENCHMARK
- MAILBOX
- POSSIBLE PROPERTY CORNER
- SANITARY MANHOLE
- STORM MANHOLE
- BEEHIVE INLET
- GRATE INLET
- CURB INLET
- POWER POLE
- YARD LIGHT
- LIGHT POLE
- ELECTRIC TRANSFORMER
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- X — FENCE
- ROCK
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Certified by: JENNIFER M. LIS — REGISTERED — 10810018 — STATE OF INDIANA — PROFESSIONAL ENGINEER

NOT PERMITTED FOR CONSTRUCTION 01/26/24

CONSTRUCTION DOCUMENTS
FRANKLIN CENTRAL JUNIOR HIGH SCHOOL
SITE IMPROVEMENTS
Indianapolis, IN

Sheet Title: GRADING PLAN

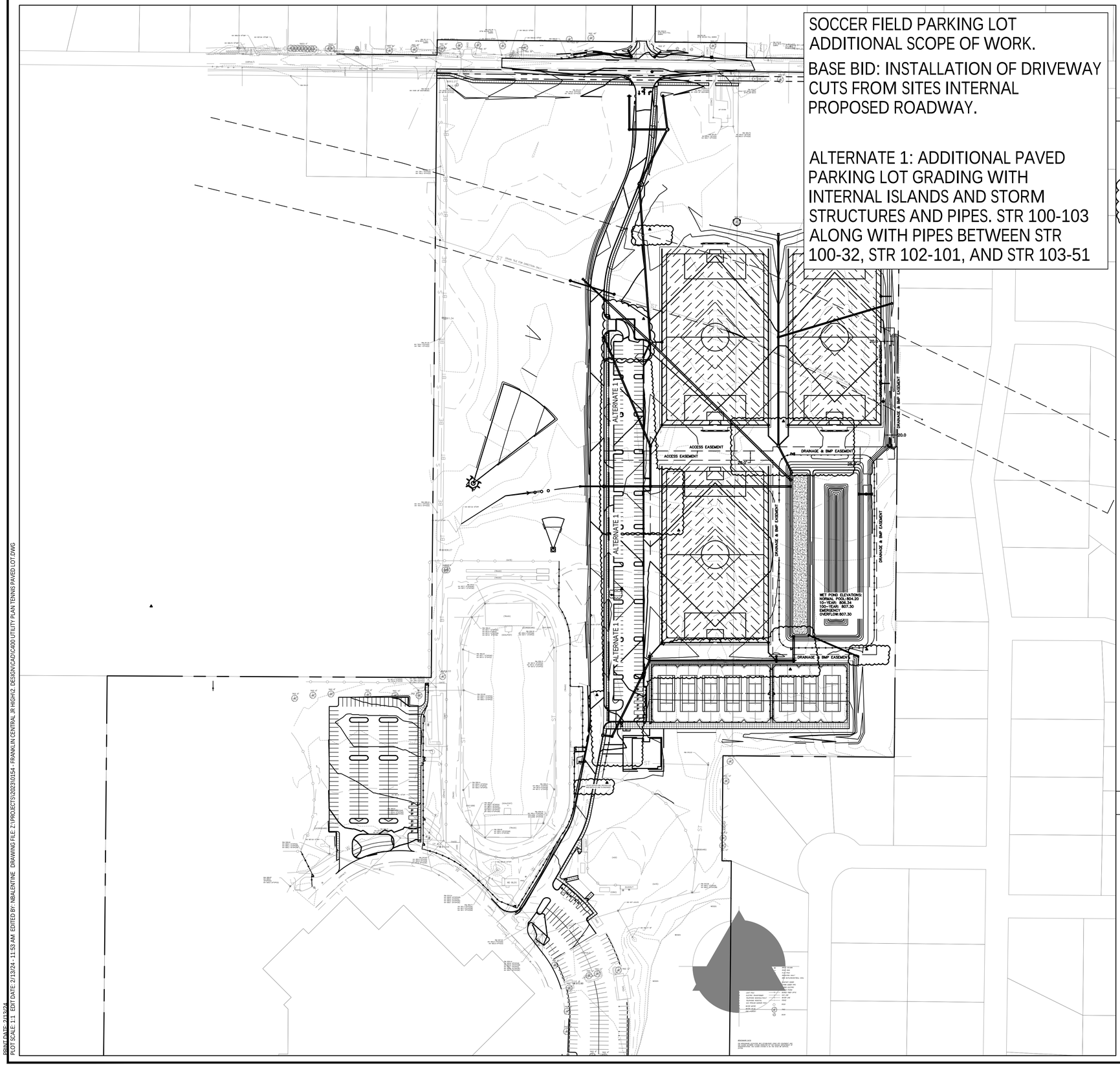
Revision	Date	Description
1	02/12/24	ADDENDUM 1
	01/26/24	BID DOCUMENT PLAN SET

Date:	01/26/24
Project No:	2023.0154
Drawn by:	NCB
Checked by:	JML

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KEYNOTES

A. ADJUST CASTING TO GRADE

B. LOCATE GAS LINE. CONFIRM SUFFICIENT COVER PRIOR TO PLACING PAVING OVER LINE

C. LOCATE WATER LINE. CONFIRM FENCE POSTS NOT PLACED OVER WATER LINE

D. LOCATE WATER LINE. PLACE GRANULAR FILL OVER LINE WHEN UNDER AND WITHIN 5' OF PROPOSED PAVEMENT AND WALKS. NOTIFY ENGINEER IF 54" MIN. COVER IS NOT PROVIDED. LOWER WATER LINE TO PROVIDE SUFFICIENT COVER

E. LOCATE ELECTRIC LINES TO AND FROM ELECTRIC APPURTENANCES. CONFIRM SUFFICIENT COVER PRIOR TO PLACING PAVEMENT. CONFIRM FENCE POST NOT IN CONFLICT WITH ELECTRIC LINE

F. LOCATE SANITARY LINE. CONFIRM FENCE POST NOT IN CONFLICT WITH PIPE

G. RELOCATED LIGHT POLE. SEE SITE ELECTRIC PLAN

H. PROVIDE PIPE EXTENSION VIA FERNCO OR SIMILAR CONNECTION TO NEW END SECTION

I. LOCATE STORM LINE. PROVIDE GRANULAR FILL OVER LINE UNDER AND WITHIN 5 FEET OF PROPOSED PAVEMENT AND WALKS

J. LOCATE STORM LINE. CONFIRM FENCE POST NOT OVER OR IN CONFLICT WITH STORM LINE

K. END SECTION WITH PERMANENT RIPRAP APRON

L. LOCATE DRAINAGE TILE ACROSS SITE WITH OWNER. REPAIR PIPE PRIOR TO FINAL GRADING OF SOCCER FIELD. ASSUME APPROXIMATELY TWENTY (20) FEET OF REPAIR AT FIVE (5) SEPARATE LOCATIONS ALONG REGULATED DRAIN.

M. 6" UNDER DRAIN BENEATH WATER QUALITY SWALE @ MINIMUM 0.5% SLOPE. PROVIDE RODENT SCREEN AT OUTLET SEE SHEET C451

N. LOCATE STORM LINE. PROVIDE GRANULAR FILL OVER LINE UNDER AND WITHIN 5 FEET OF PROPOSED PAVEMENT AND WALKS

O. APPROXIMATE LOCATION OF DRAINAGE TILE FOR PROPOSED STRUCTURE. LOCATE DRAINAGE STRUCTURE AND INVERT OF TILE PRIOR TO MANUFACTURING STRUCTURES.

P. APPROXIMATE REGULATED DRAIN EASEMENT TO BE REDEFINED BASED ON LOCATED DRAINAGE TILE. LOCATE DRAINAGE TILE AND COORDINATE WITH ENGINEER AND OWNER. LOCATION OF REGULATED DRAIN TILE TO BE SURVEYED FOR LOCATION AND ESTABLISHMENT OF NEW EASEMENT/

Q. 6" HDPE PERFORATED SUBSURFACE DRAIN CAPPED AT UPSTREAM END, MIN. 0.60% SLOPE. SEE L600 FOR DETAIL.

R. 2" DRAINAGE TILE CAPPED AT UPSTREAM END. SEE L600 FOR DETAIL.

S. RELOCATE POWER LIGHT POLE. COORDINATE FINAL ALIGNMENT WITH UTILITY COMPANY

T. SAWCUT LEGAL DRAIN TILE APPROXIMATELY 20 LF ON EITHER SIDE OF REMOVED STRUCTURE AND REPLACE WITH 40 LF 10" HDPE PIPE. CONNECT PIPE TO EXISTING PIPE WITH FERNCO OR SIMILAR FITTING PER CITY OF INDIANAPOLIS STANDARDS.

U. REPLACE LEGAL DRAIN TILE UNDER PROPOSED ROAD SECTION AND SIDEWALK. REPLACE WITH 10" HDPE PIPE. CONNECT PIPE TO EXISTING PIPE WITH FERNCO OR SIMILAR FITTING PER CITY OF INDIANAPOLIS STANDARDS

V. REMOVE AND RELOCATE IRRIGATION VAULT. COORDINATE TIMING WITH OWNER. CONTRACTOR TO LOCATE IRRIGATION INFRASTRUCTURE PRIOR TO COMMENCING WORK. CAP AND ABANDON ANY LINES IN DISTURBED AREA.

UTILITY LEGEND

- STORM SEWER LINE
- SS — SANITARY SEWER LINE
- G — GAS LINE
- E — ELECTRIC LINE
- T — TELEPHONE LINE
- RD — ROOF DRAIN
- W — WATER LINE
- VALVE
- WATER METER PIT
- HYDRANT
- CLEANOUT

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2. ALL MATERIALS AND CONSTRUCTION FOR SANITARY SEWERS SHALL BE IN ACCORDANCE WITH THE LOCAL AUTHORITY STANDARDS AND SPECIFICATIONS.
3. ALL MATERIALS AND CONSTRUCTION FOR STORM SEWERS SHALL BE IN ACCORDANCE WITH THE LOCAL AUTHORITY STANDARDS AND SPECIFICATIONS.
4. ALL MATERIALS AND CONSTRUCTION FOR WATER MAINS SHALL BE IN ACCORDANCE WITH THE LOCAL AUTHORITY STANDARDS AND SPECIFICATIONS.
5. ANY PART OF THE SANITARY OR STORM SEWER TRENCHES RUNNING UNDER OR WITHIN 5' OF PAVED AREAS TO BE BACKFILLED WITH COMPACTED GRANULAR MATERIAL.
6. TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
7. ANY WATER MAINS TO HAVE 54" MINIMUM COVER OVER TOP OF PIPE.
8. WATER SERVICE LINE TO THE BUILDING SHALL HAVE A SHUT-OFF VALVE IN AN ACCESSIBLE LOCATION OUTSIDE OF THE BUILDING. (APPLIES TO COMMERCIAL ONLY)
9. STERILIZATION OF WATER MAIN SHALL BE IN ACCORDANCE WITH STATE BOARD OF HEALTH.
10. ALL UTILITY CROSSING AND CLEARANCES TO BE IN CONFORMANCE WITH THE REQUIREMENTS OF THE INDIANA STATE BOARD OF HEALTH.
11. IF EXISTING FIELD TILES ARE ENCOUNTERED DURING CONSTRUCTION THEY ARE TO BE TIED INTO THE PROPOSED STORM SEWER SYSTEM.
12. ALL SEWER PIPES UNDER OR WITHIN 5' OF PAVEMENT SHALL BE BACKFILLED WITH GRANULAR BACKFILL. FOR BACKFILL PURPOSES, PAVED SHOULDERS, CURBS, GUTTER, AND SIDE WALKS ARE CONSIDER PAVEMENT. FOR PIPES WITHIN INDIANA STATE RIGHTS-OF-WAY, BACKFILL SHALL BE PROVIDED PER INDIANA DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS. LOCAL JURISDICTION REQUIREMENTS MAY DICTATE MORE STRINGENT REQUIREMENTS AT TIME OF CONSTRUCTION AND INSPECTION.
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15. SEE SITE ELECTRICAL AND L-SERIES FOR SITE LIGHTING.

EXISTING LEGEND

- CONTROL POINT
- BENCHMARK
- MAILBOX
- POSSIBLE PROPERTY CORNER
- SANITARY MANHOLE
- STORM MANHOLE
- BEEHIVE INLET
- GRATE INLET
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- POWER POLE
- YARD LIGHT
- LIGHT POLE
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- TELEPHONE MANHOLE/VAULT
- TELEPHONE PEDESTAL
- GAS PIPELINE MARKER POST
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- WATER VALVE
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- X — FENCE

- ROCK
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Certified by:
JENNIFER M. LIS — REGISTERED — 10810018 — STATE OF INDIANA — PROFESSIONAL ENGINEER
NOT PERMITTED FOR CONSTRUCTION
02/12/24

CONSTRUCTION DOCUMENTS
FRANKLIN CENTRAL JUNIOR HIGH SCHOOL
SITE IMPROVEMENTS
Indianapolis, IN

Sheet Title:
OVERALL UTILITY PLAN

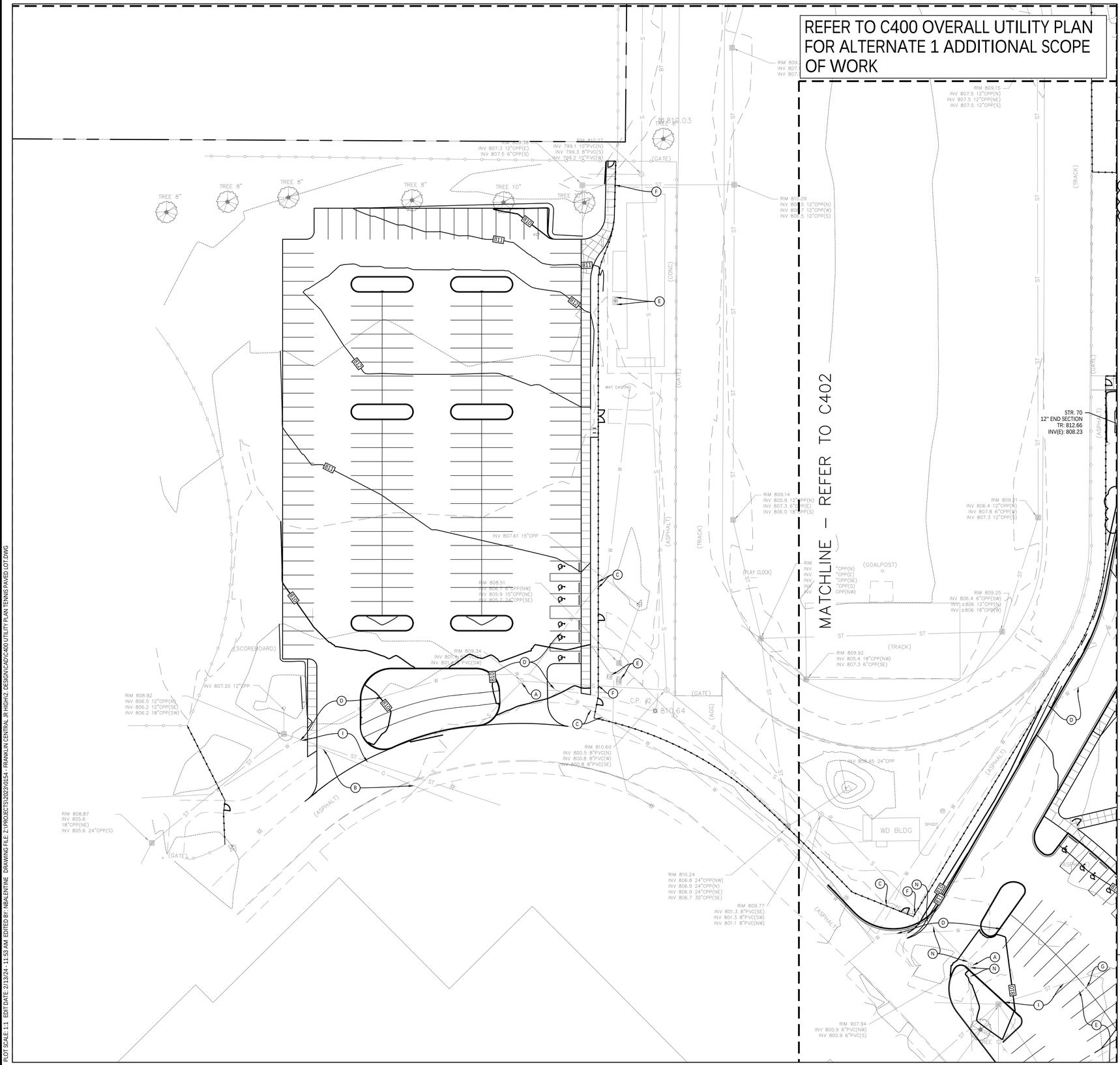
Revision	Description	Date
	BID DOCUMENT PLAN SET	01/26/24
1	ADDENDUM 1	02/12/24

Date:	01/26/24
Project No:	2023.0154
Drawn by:	NCB
Checked by:	JML

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Sheet No:
C400

PRINT DATE: 2/13/24
PLOT SCALE: 1:1 EDIT DATE: 2/13/24 - 11:53 AM EDITED BY: NBALENTINE DRAWING FILE: Z:\PROJECTS\2023\0154 - FRANKLIN CENTRAL JR HIGH\2 DESIGN\CAD\CIVIL\UTILITY PLAN TENNIS PAVED LOT.DWG



PRINT DATE: 2/13/24
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REFER TO C400 OVERALL UTILITY PLAN FOR ALTERNATE 1 ADDITIONAL SCOPE OF WORK

○ KEYNOTES

A. ADJUST CASTING TO GRADE

B. LOCATE GAS LINE. CONFIRM SUFFICIENT COVER PRIOR TO PLACING PAVING OVER LINE

C. LOCATE WATER LINE. CONFIRM FENCE POSTS NOT PLACED OVER WATER LINE

D. LOCATE WATER LINE. PLACE GRANULAR FILL OVER LINE WHEN UNDER AND WITHIN 5' OF PROPOSED PAVEMENT AND WALKS. NOTIFY ENGINEER IF 54" MIN. COVER IS NOT PROVIDED. LOWER WATER LINE TO PROVIDE SUFFICIENT COVER

E. LOCATE ELECTRIC LINES TO AND FROM ELECTRIC APPURTENANCES. CONFIRM SUFFICIENT COVER PRIOR TO PLACING PAVEMENT. CONFIRM FENCE POST NOT IN CONFLICT WITH ELECTRIC LINE

F. LOCATE SANITARY LINE. CONFIRM FENCE POST NOT IN CONFLICT WITH PIPE

G. RELOCATED LIGHT POLE. SEE SITE ELECTRIC PLAN

H. PROVIDE PIPE EXTENSION VIA FERNCO OR SIMILAR CONNECTION TO NEW END SECTION

I. LOCATE STORM LINE. PROVIDE GRANULAR FILL OVER LINE UNDER AND WITHIN 5 FEET OF PROPOSED PAVEMENT AND WALKS

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K. END SECTION WITH PERMANENT RIPRAP APRON

L. LOCATE DRAINAGE TILE ACROSS SITE WITH OWNER. REPAIR PIPE PRIOR TO FINAL GRADING OF SOCCER FIELD. ASSUME APPROXIMATELY TWENTY (20) FEET OF REPAIR AT FIVE (5) SEPARATE LOCATIONS ALONG REGULATED DRAIN.

M. 6" UNDER DRAIN BENEATH WATER QUALITY SWALE @ MINIMUM 0.5% SLOPE. PROVIDE RODENT SCREEN AT OUTLET SEE SHEET C451

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U. REPLACE LEGAL DRAIN TILE UNDER PROPOSED ROAD SECTION AND SIDEWALK. REPLACE WITH 10" HDPE PIPE. CONNECT PIPE TO EXISTING PIPE WITH FERNCO OR SIMILAR FITTING PER CITY OF INDIANAPOLIS STANDARDS

V. REMOVE AND RELOCATE IRRIGATION VAULT. COORDINATE TIMING WITH OWNER. CONTRACTOR TO LOCATE IRRIGATION INFRASTRUCTURE PRIOR TO COMMENCING WORK. CAP AND ABANDON ANY LINES IN DISTURBED AREA.

UTILITY LEGEND

- STORM SEWER LINE
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- T — TELEPHONE LINE
- RD — ROOF DRAIN
- W — WATER LINE
- VALVE
- WATER METER PIT
- HYDRANT
- CLEANOUT (STORM & SANITARY)
- LIGHT POLE

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

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02/12/24

CONSTRUCTION DOCUMENTS
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SITE IMPROVEMENTS
Indianapolis, IN

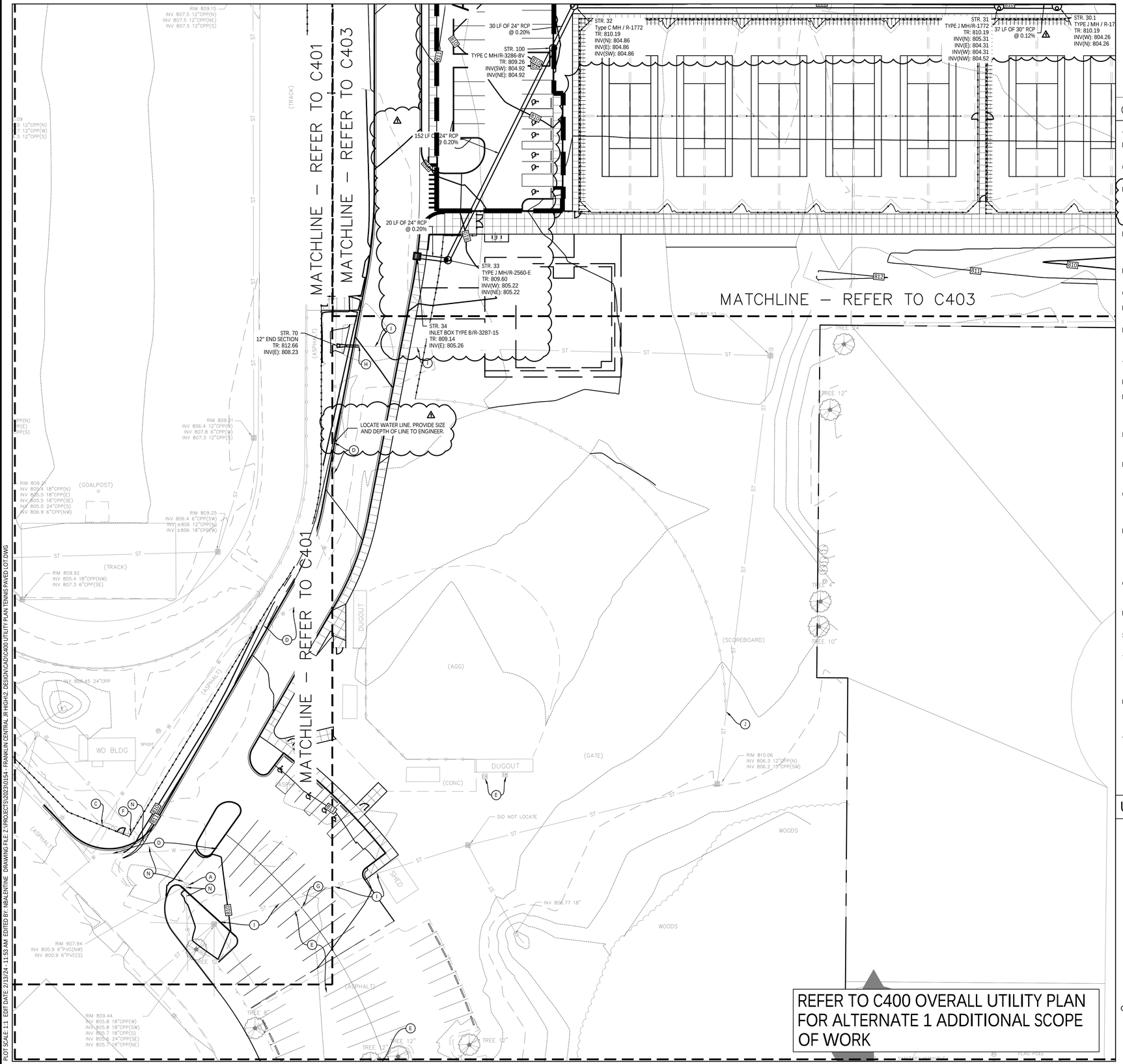
Sheet Title: UTILITY PLAN

Revision	Date	Description
1	02/12/24	BID DOCUMENT PLAN SET ADDENDUM 1

Date:	01/26/24
Project No:	2023.0154
Drawn by:	NCB
Checked by:	JML

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Sheet No: C401



PRINT DATE: 01/31/24
PLOT SCALE: 1:1 EDIT DATE: 2/13/24 - 11:53 AM EDITED BY: NBALENTINE DRAWING FILE: Z:\PROJECTS\2023\0154 - FRANKLIN CENTRAL JR HIGH\2. DESIGN\CAD\CD\ UTILITY PLAN TENNIS PAVED LOT.DWG

0' 30' 60'

SCALE: 1"=30'

KEYNOTES

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Certified by:

JENNIFER M. LOY — REGISTERED — 10810024 — STATE OF INDIANA — PROFESSIONAL ENGINEER

NOT PERMITTED FOR CONSTRUCTION
02/12/24

CONSTRUCTION DOCUMENTS
FRANKLIN CENTRAL JUNIOR HIGH SCHOOL
SITE IMPROVEMENTS
Indianapolis, IN

Sheet Title: UTILITY PLAN

Revision	Date	Description
1	02/12/24	ADDENDUM 1
	01/26/24	BID DOCUMENT PLAN SET

Date:	01/26/24
Project No:	2023.0154
Drawn by:	NCB
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Sheet No:
C402

REFER TO C400 OVERALL UTILITY PLAN FOR ALTERNATE 1 ADDITIONAL SCOPE OF WORK

ACCESS EASEMENT

ACCESS EASEMENT

MATCHLINE – REFER TO C404

MATCHLINE – REFER TO C404

MATCHLINE – REFER TO C405

MATCHLINE – REFER TO C405

MATCHLINE – REFER TO C402

ALTERNATE 1

DRAINAGE & BMP EASEMENT

DRAINAGE & BMP EASEMENT

DRAINAGE & BMP EASEMENT

20.0'

STR. 41.1
TYPE C MH/R-3405
TR: 807.80
INV(S): 804.79
INV(NE): 807.15
INV(NW): 804.79

87 LF OF 24" RCP @ 0.15%

6" UNDERDRAIN INV: 807.50

STR. 61
TYPE J MH/R-3405
TR: 808.05
INV(N): 804.33
INV(SE): 804.33
INV(NW): 804.47
INV(NE): 804.31

66 LF OF 24" RCP @ 0.20%

6" UNDERDRAIN INV: 807.50

6" UNDERDRAIN INV= 804.32

STR. 43
15" END SECTION
TR: 808.11
INV(E): 806.25

85 LF OF 24" RCP @ 0.15%

STR. 101
2' BY 3' BOX/R-3287-10V
TR: 808.47
INV(W): 804.68
INV(E): 804.68
INV(S): 805.68

53 LF OF 15" HDPE @ 1.31%

STR. 42
2' BY 3' BOX/R-3287-15
WITH BACKFLOW PREVENTOR
TR: 808.95
INV(W): 805.56
INV(E): 804.81

15 LF OF 24" RCP @ 0.15%

STR. 41
TYPE J MH / R-2560-EA-E10
TR: 808.85
INV(W): 804.66
INV(E): 804.66
INV(N): 804.66

91 LF OF 12" HDPE @ 0.50%

STR. 102
TYPE A INLET/R-3286-8V
TR: 809.26
INV(N): 806.14

305 LF OF 30" RCP @ 0.15%

STORM STR 60
INV(NW):804.20

STORM STR 50
INV(NW):804.20

STORM STR 40
INV(W):804.20

17 LF OF 24" RCP @ 0.77%

STR. 12
24" END SECTION
TR: 809.78
INV(E): 804.20

14 LF OF 24" RCP @ 0.77%

STORM STR 10
INV(W):803.96

STR. 11
TYPE C MH/R-1772
TR: 809.65
INV(W): 804.06
INV(E): 804.06

WET POND ELEVATIONS:
NORMAL POOL: 804.20
10-YEAR: 806.34
100-YEAR: 807.30
EMERGENCY OVERFLOW: 807.30

STORM STR 20
INV(SE):804.20

STORM STR 30
INV(S):804.20

STR. 31.2
12" NYLOPLAST/SOLID LID
TR: 808.50
INV(S): 804.84
INV(W): 807.50
INV(N): 804.84

117 LF OF 15" HDPE @ 0.28%

STR. 32.2
12" NYLOPLAST/SOLID LID
TR: 808.50
INV(SW): 805.14
INV(E): 807.50
INV(N): 805.14

STR. 32.1
2' BY 3' BOX/R-3405
TR: 807.93
INV(S): 804.87
INV(NE): 804.88

6" UNDERDRAIN INV: 808.60

6" UNDERDRAIN INV: 808.60

6" UNDERDRAIN INV: 804.68

STR. 31.1
Type A Inlet / R-3405
TR: 807.82
INV(S): 805.52

54 LF OF 30" RCP @ 0.12%

9 LF OF 21" RCP @ 0.20%

274 LF OF 24" RCP @ 0.20%

9 LF OF 15" HDPE @ 2.33%

STR. 21
TYPE A INLET/R-3405
TR: 806.78
INV(NW): 804.53

30 LF OF 24" RCP @ 0.20%

STR. 100
TYPE C MH/R-3286-8V
TR: 809.26
INV(SW): 804.92
INV(NE): 804.92

STR. 32
Type C MH / R-1772
TR: 810.19
INV(N): 804.86
INV(E): 804.86
INV(SW): 804.86

STR. 31
TYPE J MH/R-1772
TR: 810.19
INV(N): 805.31
INV(E): 804.31
INV(W): 804.31
INV(NW): 804.52

37 LF OF 30" RCP @ 0.12%

STR. 30.1
TYPE J MH / R-1772
TR: 810.19
INV(W): 804.26
INV(N): 804.26

152 LF OF 24" RCP @ 0.20%

20 LF OF 24" RCP @ 0.20%

STR. 33
TYPE J MH/R-2560-E
TR: 809.60
INV(W): 805.22
INV(NE): 805.22

808.58/ 12"CPP

(GONE)

PRINT DATE: 2/13/24
PLOT SCALE: 1:1 | EDIT DATE: 2/13/24 - 11:53 AM | EDITED BY: NBALENTINE | DRAWING FILE: Z:\PROJECTS\2023\0154 - FRANKLIN CENTRAL JR HIGH\2. DESIGN\CAD\C400 UTILITY PLAN TENNIS PAVED LOT.DWG

0' 30' 60'

SCALE: 1"=30'

BOUNDARY AND TOPOGRAPHIC SURVEY INFORMATION PROVIDED BY CMID INC. PROJECT NUMBER VALUE, DATED VALUE.

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L. LOCATE DRAINAGE TILE ACROSS SITE WITH OWNER. REPAIR PIPE PRIOR TO FINAL GRADING OF SOCCER FIELD. ASSUME APPROXIMATELY TWENTY (20) FEET OF REPAIR AT FIVE (5) SEPARATE LOCATIONS ALONG REGULATED DRAIN.

M. 6" UNDER DRAIN BENEATH WATER QUALITY SWALE @ MINIMUM 0.5% SLOPE. PROVIDE RODENT SCREEN AT OUTLET SEE SHEET C451

N. LOCATE STORM LINE. PROVIDE GRANULAR FILL OVER LINE UNDER AND WITHIN 5 FEET OF PROPOSED PAVEMENT AND WALKS

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P. APPROXIMATE REGULATED DRAIN EASEMENT TO BE REDEFINED BASED ON LOCATED DRAINAGE TILE. LOCATE DRAINAGE TILE AND COORDINATE WITH ENGINEER AND OWNER. LOCATION OF REGULATED DRAIN TILE TO BE SURVEYED FOR LOCATION AND ESTABLISHMENT OF NEW EASEMENT/

Q. 6" HDPE PERFORATED SUBSURFACE DRAIN CAPPED AT UPSTREAM END, MIN. 0.60% SLOPE. SEE L600 FOR DETAIL.

R. 2" DRAINAGE TILE CAPPED AT UPSTREAM END. SEE L600 FOR DETAIL.

S. RELOCATE POWER LIGHT POLE. COORDINATE FINAL ALIGNMENT WITH UTILITY COMPANY

T. SAWCUT LEGAL DRAIN TILE APPROXIMATELY 20 LF ON EITHER SIDE OF REMOVED STRUCTURE AND REPLACE WITH 40 LF 10" HDPE PIPE. CONNECT PIPE TO EXISTING PIPE WITH FERNCO OR SIMILAR FITTING PER CITY OF INDIANAPOLIS STANDARDS.

U. REPLACE LEGAL DRAIN TILE UNDER PROPOSED ROAD SECTION AND SIDEWALK. REPLACE WITH 10" HDPE PIPE. CONNECT PIPE TO EXISTING PIPE WITH FERNCO OR SIMILAR FITTING PER CITY OF INDIANAPOLIS STANDARDS

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Indiana 811
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Certified by:
JENNIFER M. LOY
REGISTERED
STATE OF INDIANA
10810018
PROFESSIONAL ENGINEER
NOT PERMITTED FOR CONSTRUCTION
02/12/24

CONSTRUCTION DOCUMENTS
FRANKLIN CENTRAL JUNIOR HIGH SCHOOL
SITE IMPROVEMENTS
Indianapolis, IN

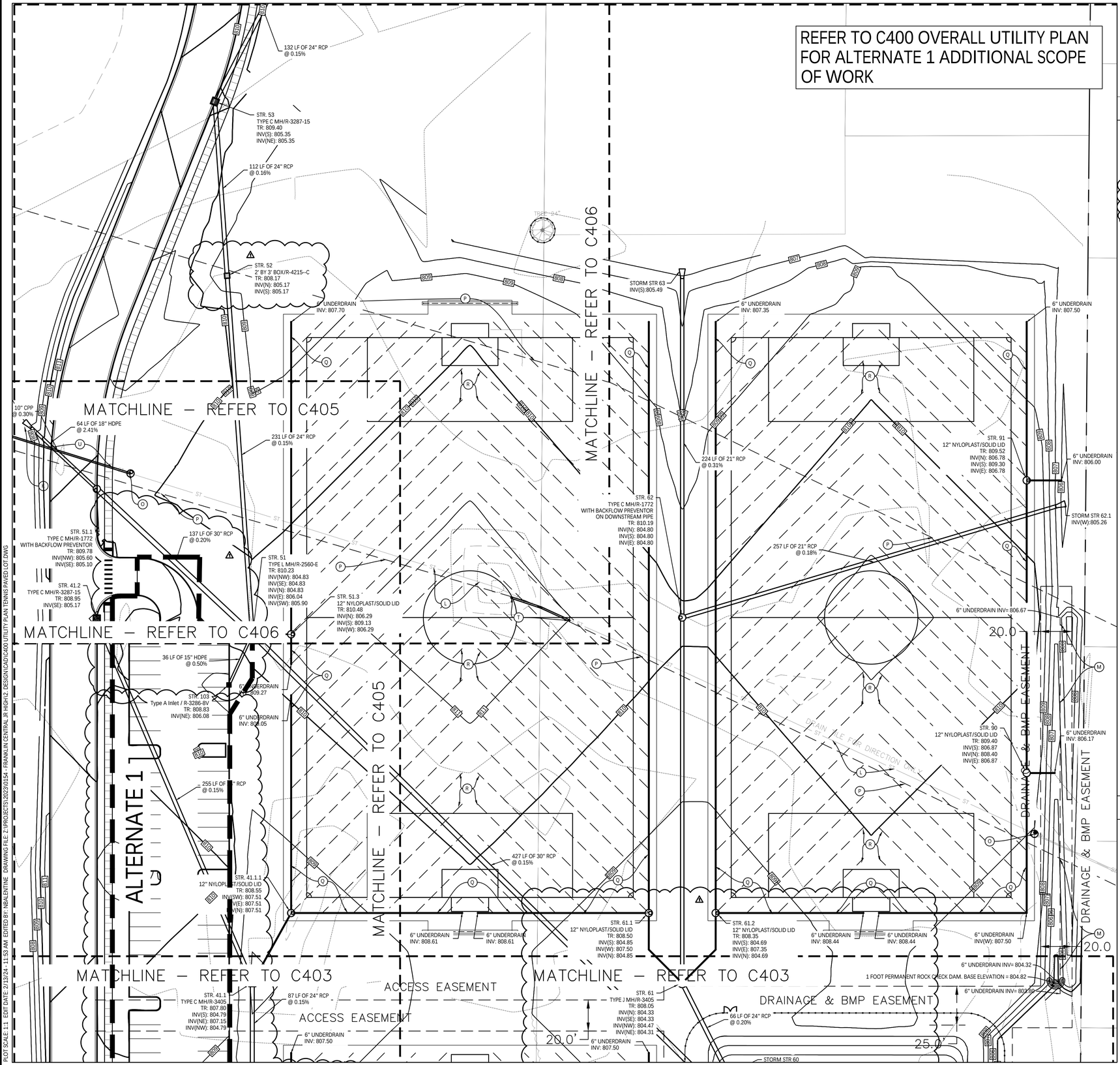
Sheet Title: UTILITY PLAN

Revision	Date	Description
1	01/26/24 02/12/24	BID DOCUMENT PLAN SET ADDENDUM 1

Date:	01/26/24
Project No:	2023.0154
Drawn by:	NCB
Checked by:	JML

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Sheet No:
C403



SCALE: 1"=30'

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Certified by: JENNIFER M. LIS, REGISTERED LANDSCAPE ARCHITECT, STATE OF INDIANA, 10810006, PROFESSIONAL ENGINEER
NOT PERMITTED FOR CONSTRUCTION 01/26/24

CONSTRUCTION DOCUMENTS
FRANKLIN CENTRAL JUNIOR HIGH SCHOOL
CENTRAL JUNIOR HIGH SITE IMPROVEMENTS
Indianapolis, IN

Sheet Title: UTILITY PLAN

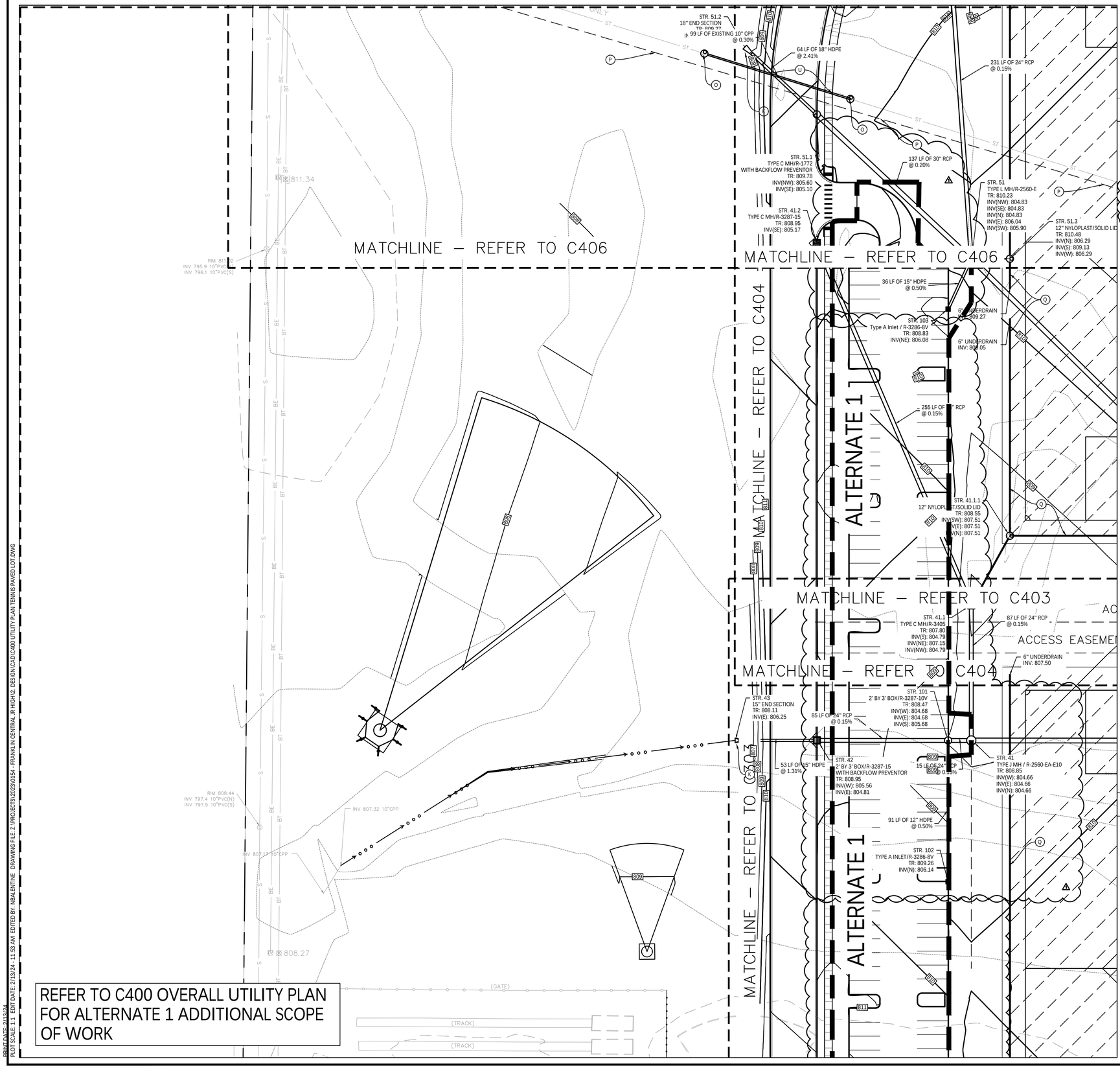
Revision	Date	Description
	01/26/24	BID DOCUMENT PLAN SET
1	02/12/24	ADDENDUM 1

Date:	01/26/24
Project No:	2023.0154
Drawn by:	NCB
Checked by:	JML

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Sheet No: C404

PLOT DATE: 2/13/24 - 11:52 AM EDIT DATE: 2/13/24 - 11:52 AM EDITED BY: NBALENTINE DRAWING FILE Z:\PROJECTS\2023\0154 - FRANKLIN CENTRAL JR HIGH\2. DESIGN\CAD\C400 UTILITY PLAN TENNIS PAVED LOT.DWG
PLOT SCALE 1:1 PRINT DATE: 2/13/24



REFER TO C400 OVERALL UTILITY PLAN FOR ALTERNATE 1 ADDITIONAL SCOPE OF WORK

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L. LOCATE DRAINAGE TILE ACROSS SITE WITH OWNER. REPAIR PIPE PRIOR TO FINAL GRADING OF SOCCER FIELD. ASSUME APPROXIMATELY TWENTY (20) FEET OF REPAIR AT FIVE (5) SEPARATE LOCATIONS ALONG REGULATED DRAIN.

M. 6" UNDER DRAIN BENEATH WATER QUALITY SWALE @ MINIMUM 0.5% SLOPE. PROVIDE RODENT SCREEN AT OUTLET SEE SHEET C451

N. LOCATE STORM LINE. PROVIDE GRANULAR FILL OVER LINE UNDER AND WITHIN 5 FEET OF PROPOSED PAVEMENT AND WALKS

O. APPROXIMATE LOCATION OF DRAINAGE TILE FOR PROPOSED STRUCTURE. LOCATE DRAINAGE STRUCTURE AND INVERT OF TILE PRIOR TO MANUFACTURING STRUCTURES.

P. APPROXIMATE REGULATED DRAIN EASEMENT TO BE REDEFINED BASED ON LOCATED DRAINAGE TILE. LOCATE DRAINAGE TILE AND COORDINATE WITH ENGINEER AND OWNER. LOCATION OF REGULATED DRAIN TILE TO BE SURVEYED FOR LOCATION AND ESTABLISHMENT OF NEW EASEMENT/

Q. 6" HDPE PERFORATED SUBSURFACE DRAIN CAPPED AT UPSTREAM END, MIN. 0.60% SLOPE. SEE L600 FOR DETAIL.

R. 2" DRAINAGE TILE CAPPED AT UPSTREAM END. SEE L600 FOR DETAIL.

S. RELOCATE POWER LIGHT POLE. COORDINATE FINAL ALIGNMENT WITH UTILITY COMPANY

T. SAWCUT LEGAL DRAIN TILE APPROXIMATELY 20 LF ON EITHER SIDE OF REMOVED STRUCTURE AND REPLACE WITH 40 LF 10" HDPE PIPE. CONNECT PIPE TO EXISTING PIPE WITH FERNCO OR SIMILAR FITTING PER CITY OF INDIANAPOLIS STANDARDS.

U. REPLACE LEGAL DRAIN TILE UNDER PROPOSED ROAD SECTION AND SIDEWALK. REPLACE WITH 10" HDPE PIPE. CONNECT PIPE TO EXISTING PIPE WITH FERNCO OR SIMILAR FITTING PER CITY OF INDIANAPOLIS STANDARDS

V. REMOVE AND RELOCATE IRRIGATION VAULT. COORDINATE TIMING WITH OWNER. CONTRACTOR TO LOCATE IRRIGATION INFRASTRUCTURE PRIOR TO COMMENCING WORK. CAP AND ABANDON ANY LINES IN DISTURBED AREA.

UTILITY LEGEND

- STORM SEWER LINE
- SS — SANITARY SEWER LINE
- G — GAS LINE
- E — ELECTRIC LINE
- T — TELEPHONE LINE
- RD — ROOF DRAIN
- W — WATER LINE
- VALVE
- WATER METER PIT
- HYDRANT
- CLEANOUT

EXISTING LEGEND

- CONTROL POINT
- BENCHMARK
- MAILBOX
- POSSIBLE PROPERTY CORNER
- SANITARY MANHOLE
- STORM MANHOLE
- BEEHIVE INLET
- GRATE INLET
- CURB INLET
- POWER POLE
- YARD LIGHT
- LIGHT POLE
- ELECTRIC TRANSFORMER
- TELEPHONE MANHOLE/VAULT
- TELEPHONE PEDESTAL
- GAS PIPELINE MARKER POST
- WATER METER
- WATER VALVE
- FIRE HYDRANT
- WELL
- BRICK COLUMN
- ROAD SIGN
- FLAG POLE
- IRRIGATION VAULT
- BIRD BATH/BASKETBALL GOAL
- S — SANITARY SEWER
- ST — STORM SEWER PIPE
- BE — BURIED ELECTRIC
- BT — BURIED PHONE
- FO — BURIED FIBER OPTIC
- G — GAS LINE
- W — WATER LINE
- X — FENCE
- ROCK
- TREE
- BUSH

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

PER INDIANA STATE LAW IS-69-1991, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

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5825 Lawton Loop E.Dr. | Indianapolis, IN 46216
317-485-4900 | www.context-design.com

VERIDUS GROUP
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Phone: (317) 598-8647 | www.theveridusgroup.com

Certified by: JENNIFER M. LOY, REGISTERED LANDSCAPE ARCHITECT, STATE OF INDIANA, 10810006, PROFESSIONAL ENGINEER

NOT PERMITTED FOR CONSTRUCTION
01/26/24

CONSTRUCTION DOCUMENTS
FRANKLIN CENTRAL JUNIOR HIGH SCHOOL
SITE IMPROVEMENTS
Indianapolis, IN

Sheet Title: UTILITY PLAN

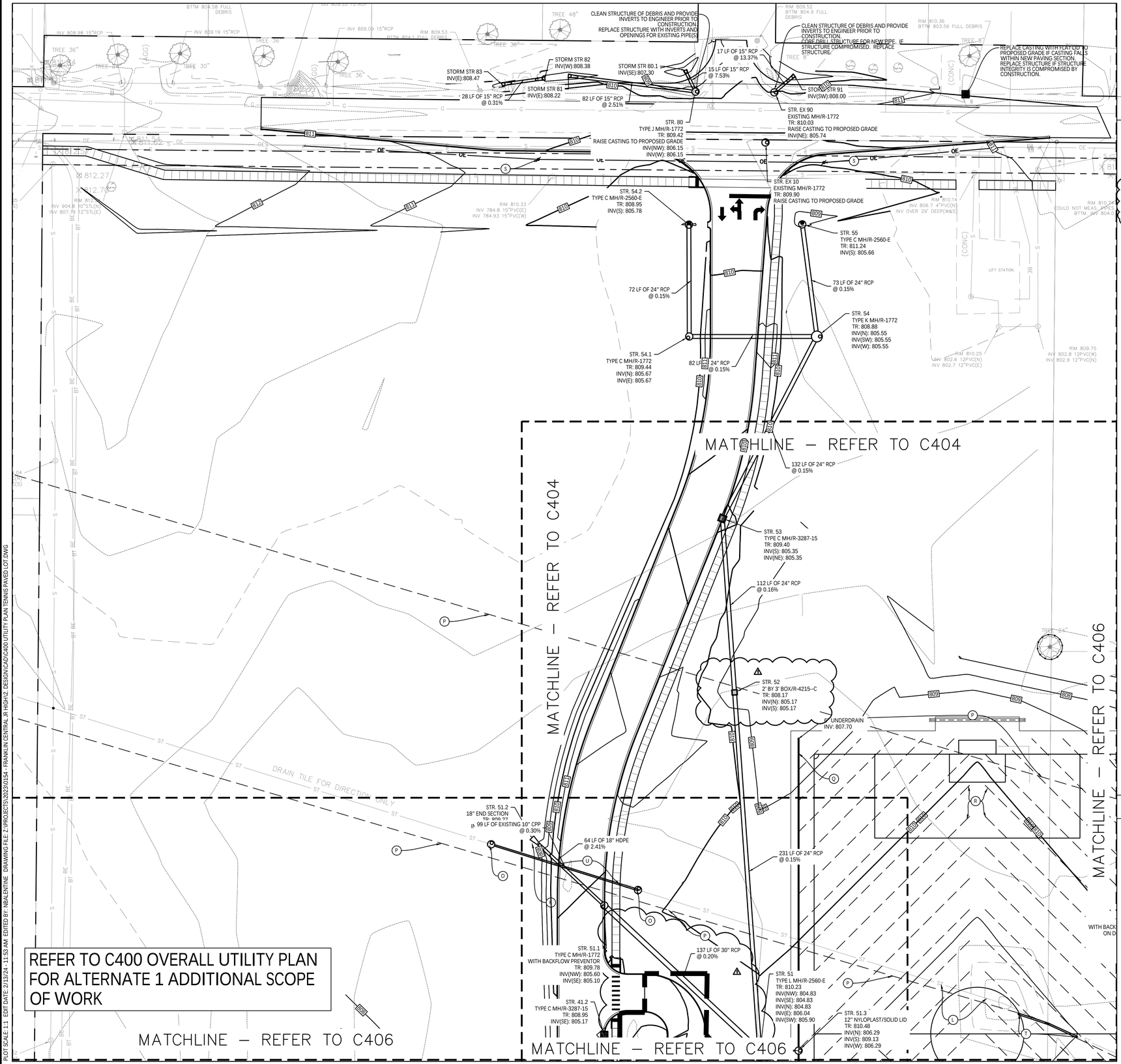
Revision	Description	Date
1	ADDENDUM 1	02/12/24
	BID DOCUMENT PLAN SET	01/26/24

Date:	01/26/24
Project No:	2023.0154
Drawn by:	NCB
Checked by:	JML

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Sheet No: C405

PRINT DATE: 01/31/24
PLOT SCALE: 1:1 EDIT DATE: 2/13/24 - 11:53 AM EDITED BY: NBALENTINE DRAWING FILE: Z:\PROJECTS\2023\0154 - FRANKLIN CENTRAL JR HIGH\2 DESIGN\CAD\C3D\UTILITY PLAN TENNIS PAVED LOT.DWG



PRINT DATE: 2/12/24
PLOT SCALE: 1:1 | EDIT DATE: 2/13/24 - 11:53 AM | EDITED BY: NBALENTINE | DRAWING FILE: Z:\PROJECTS\2023\0154 - FRANKLIN CENTRAL JR HIGH\2. DESIGN\CAD\C400 UTILITY PLAN TENNIS PAVED LOT.DWG

0' 30' 60'

SCALE: 1"=30'

KEYNOTES

A. ADJUST CASTING TO GRADE

B. LOCATE GAS LINE. CONFIRM SUFFICIENT COVER PRIOR TO PLACING PAVING OVER LINE

C. LOCATE WATER LINE. CONFIRM FENCE POSTS NOT PLACED OVER WATER LINE

D. LOCATE WATER LINE. PLACE GRANULAR FILL OVER LINE WHEN UNDER AND WITHIN 5' OF PROPOSED PAVEMENT AND WALKS. NOTIFY ENGINEER IF 54" MIN. COVER IS NOT PROVIDED. LOWER WATER LINE TO PROVIDE SUFFICIENT COVER

E. LOCATE ELECTRIC LINES TO AND FROM ELECTRIC APPURTENANCES. CONFIRM SUFFICIENT COVER PRIOR TO PLACING PAVEMENT. CONFIRM FENCE POST NOT IN CONFLICT WITH ELECTRIC LINE

F. LOCATE SANITARY LINE. CONFIRM FENCE POST NOT IN CONFLICT WITH PIPE

G. RELOCATED LIGHT POLE. SEE SITE ELECTRIC PLAN

H. PROVIDE PIPE EXTENSION VIA FERNCO OR SIMILAR CONNECTION TO NEW END SECTION

I. LOCATE STORM LINE. PROVIDE GRANULAR FILL OVER LINE UNDER AND WITHIN 5 FEET OF PROPOSED PAVEMENT AND WALKS

J. LOCATE STORM LINE. CONFIRM FENCE POST NOT OVER OR IN CONFLICT WITH STORM LINE

K. END SECTION WITH PERMANENT RIPRAP APRON

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M. 6" UNDER DRAIN BENEATH WATER QUALITY SWALE @ MINIMUM 0.5% SLOPE. PROVIDE RODENT SCREEN AT OUTLET SEE SHEET C451

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UTILITY LEGEND

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- SS — SANITARY SEWER LINE
- G — GAS LINE
- E — ELECTRIC LINE
- T — TELEPHONE LINE
- RD — ROOF DRAIN
- W — WATER LINE
- VALVE
- WATER METER PIT
- HYDRANT
- CLEANOUT

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

PER INDIANA STATE LAW IS-69-1991. IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

BOUNDARY AND TOPOGRAPHIC SURVEY INFORMATION PROVIDED BY CMID INC. PROJECT NUMBER VALUE, DATED VALUE.

GENERAL NOTES

1. IT SHALL BE THE SUBCONTRACTOR'S RESPONSIBILITY TO VERIFY ALL EXISTING UTILITIES AND CONDITIONS PERTAINING TO THE PHASE OF WORK. IT SHALL ALSO BE THE SUBCONTRACTOR'S RESPONSIBILITY TO CONTACT THE OWNERS OF THE VARIOUS UTILITIES FOR PROPER STAKE LOCATION OF EACH UTILITY BEFORE WORK IS STARTED. EACH SUBCONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER OF ANY CHANGES, OMISSIONS, OR ERRORS FOUND ON THESE PLANS OR IN FIELD BEFORE WORK IS STARTED OR RESUMED.
2. ALL MATERIALS AND CONSTRUCTION FOR SANITARY SEWERS SHALL BE IN ACCORDANCE WITH THE LOCAL AUTHORITY STANDARDS AND SPECIFICATIONS.
3. ALL MATERIALS AND CONSTRUCTION FOR STORM SEWERS SHALL BE IN ACCORDANCE WITH THE LOCAL AUTHORITY STANDARDS AND SPECIFICATIONS.
4. ALL MATERIALS AND CONSTRUCTION FOR WATER MAINS SHALL BE IN ACCORDANCE WITH THE LOCAL AUTHORITY STANDARDS AND SPECIFICATIONS.
5. ANY PART OF THE SANITARY OR STORM SEWER TRENCHES RUNNING UNDER OR WITHIN 5' OF PAVED AREAS TO BE BACKFILLED WITH COMPACTED GRANULAR MATERIAL.
6. TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
7. ANY WATER MAINS TO HAVE 54" MINIMUM COVER OVER TOP OF PIPE.
8. WATER SERVICE LINE TO THE BUILDING SHALL HAVE A SHUT-OFF VALVE IN AN ACCESSIBLE LOCATION OUTSIDE OF THE BUILDING. (APPLIES TO COMMERCIAL ONLY)
9. STERILIZATION OF WATER MAIN SHALL BE IN ACCORDANCE WITH STATE BOARD OF HEALTH.
10. ALL UTILITY CROSSING AND CLEARANCES TO BE IN CONFORMANCE WITH THE REQUIREMENTS OF THE INDIANA STATE BOARD OF HEALTH.
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14. ALL PROPOSED EROSION AND SEDIMENT CONTROL SHALL BE IN CONFORMANCE WITH CHAPTER 600 OF THE CITY OF INDIANAPOLIS STORMWATER DESIGN AND SPECIFICATIONS MANUAL, LATEST EDITION. DISCREPANCIES BETWEEN THE PLANS AND THE MANUAL SHALL NOT ALLEVIATE THE CONTRACTOR FROM ADHERING TO THE REQUIREMENTS SET FORTH IN THE MANUAL.
15. SEE SITE ELECTRICAL AND L-SERIES FOR SITE LIGHTING.

EXISTING LEGEND

- CONTROL POINT
- BENCHMARK
- MAILBOX
- POSSIBLE PROPERTY CORNER
- SANITARY MANHOLE
- STORM MANHOLE
- BEEHIVE INLET
- GRATE INLET
- CURB INLET
- POWER POLE
- YARD LIGHT
- LIGHT POLE
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- FO — BURIED FIBER OPTIC
- G — GAS LINE
- W — WATER LINE
- X — FENCE
- ROCK
- TREE
- BUSH

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VERIDUS GROUP
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Phone: (317) 598-6647 | www.theveridusgroup.com

Certified by:
JENNIFER M. LOY — REGISTERED — STATE OF INDIANA — 10810008 — PROFESSIONAL ENGINEER
NOT PERMITTED FOR CONSTRUCTION
02/12/24

CONSTRUCTION DOCUMENTS
FRANKLIN CENTRAL JUNIOR HIGH SCHOOL
SITE IMPROVEMENTS
Indianapolis, IN

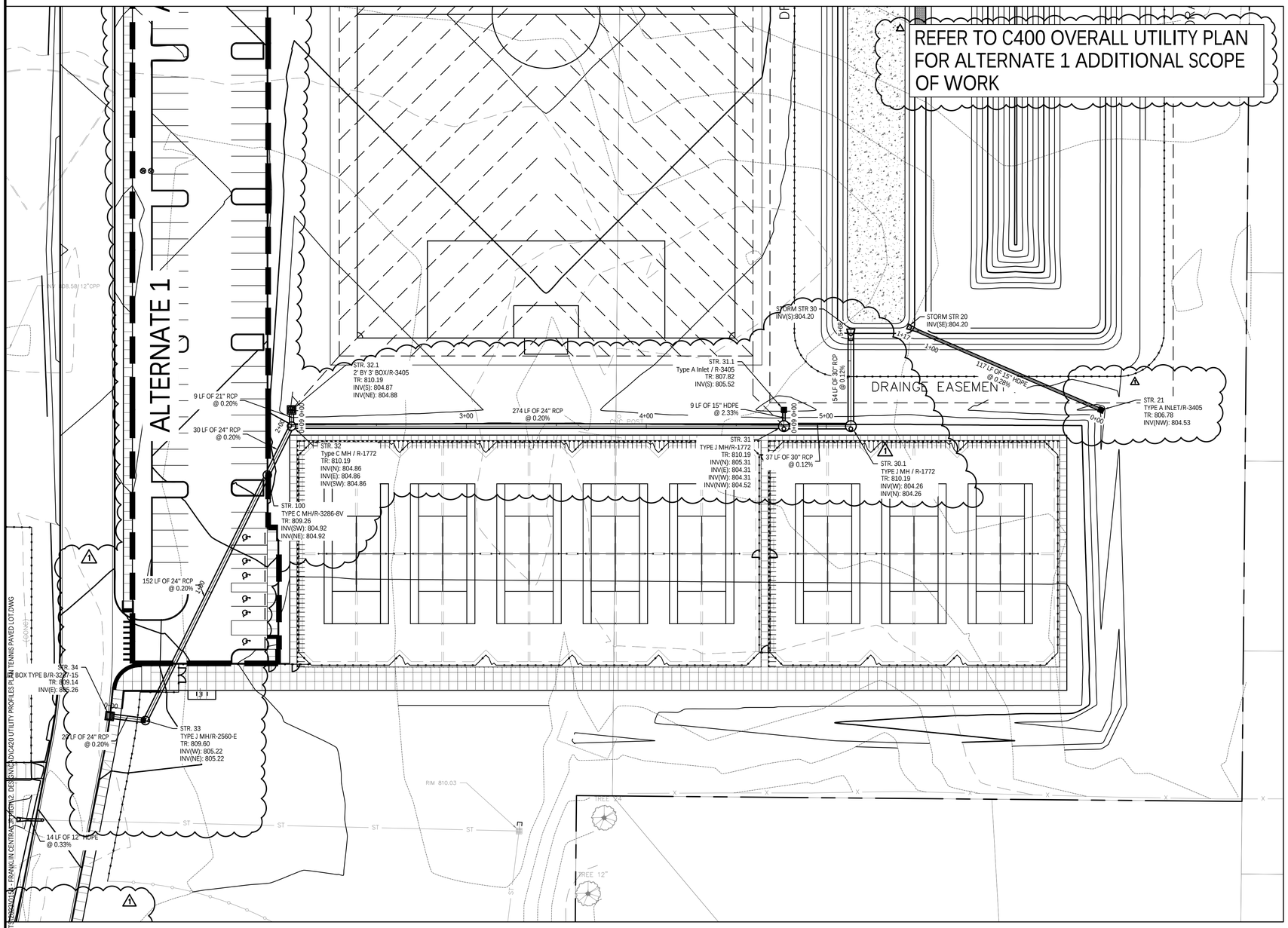
Sheet Title: UTILITY PLAN

Revision	Date	Description
1	02/12/24	ADDENDUM 1
	01/26/24	BID DOCUMENT PLAN SET

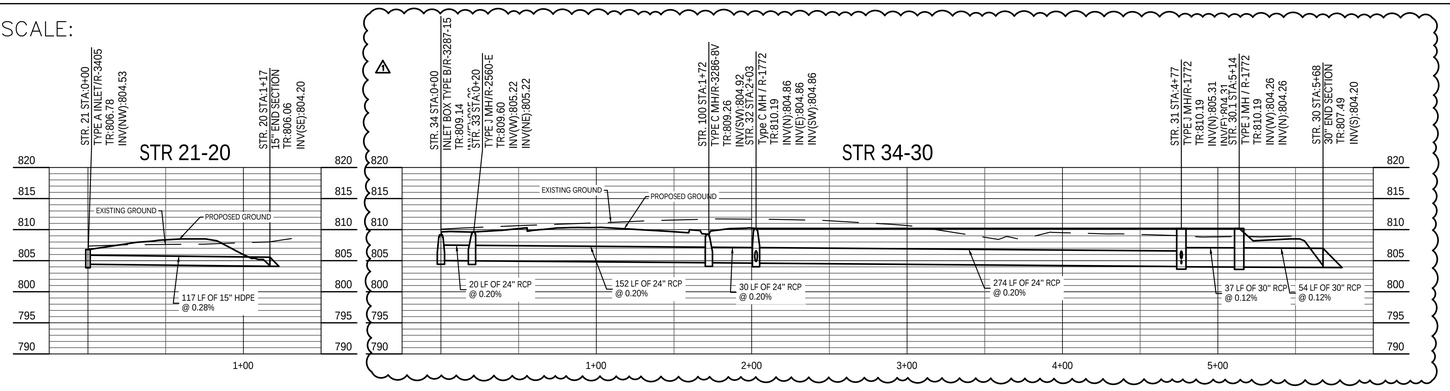
Date:	01/26/24
Project No:	2023.0154
Drawn by:	NCB
Checked by:	JML

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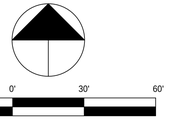
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PROFILES SCALE: 20: 5



PRINT DATE: 2/13/24
PLOT SCALE: 1:1 EDIT DATE: 2/13/24 - 11:00 AM EDITED BY: NBALENTINE DRAWING FILE: Z:\PROJECTS\2023\0154 - FRANKLIN CENTRAL JHS\CIVIL\DOC\420 UTILITY PROFILES PLAN TENNIS PAVED LOT.DWG



SCALE: 1"=30'

KEYNOTES

A. ADJUST CASTING TO GRADE

B. LOCATE GAS LINE. CONFIRM SUFFICIENT COVER PRIOR TO PLACING PAVING OVER LINE

C. LOCATE WATER LINE. CONFIRM FENCE POSTS NOT PLACED OVER WATER LINE

D. LOCATE WATER LINE. PLACE GRANULAR FILL OVER LINE WHEN UNDER AND WITHIN 5' OF PROPOSED PAVEMENT AND WALKS. NOTIFY ENGINEER IF 54" MIN. COVER IS NOT PROVIDED. LOWER WATER LINE TO PROVIDE SUFFICIENT COVER

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F. LOCATE SANITARY LINE. CONFIRM FENCE POST NOT IN CONFLICT WITH PIPE

G. RELOCATED LIGHT POLE

H. PROVIDE PIPE EXTENSION VIA FERNCO OR SIMILAR CONNECTION TO NEW END SECTION

I. LOCATE STORM LINE. PROVIDE GRANULAR FILL OVER LINE UNDER UNDER AND 5 FEET OF PAVEMENT AND WALKS

J. LOCATE STORM LINE. CONFIRM FENCE POST NOT OVER OR IN CONFLICT WITH STORM LINE

K. END SECTION WITH PERMANENT RIPRAP APRON

L. LOCATE DRAINAGE TILE AND REPAIR PIPE PRIOR TO FINAL GRADING OF SOCCER FIELD

UTILITY LEGEND

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- SS — SANITARY SEWER LINE
- G — GAS LINE
- E — ELECTRIC LINE
- T — TELEPHONE LINE
- RD — ROOF DRAIN
- W — WATER LINE
- VALVE
- WATER METER PIT
- HYDRANT
- CLEANOUT (STORM & SANITARY)

PROVIDE GRANULAR BACKFILL OVER PIPES WITHIN ACCESS EASEMENT

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

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6280 N. Shadeland Avenue, Suite A
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Certified by:
JENNIFER M. LIS
REGISTERED
STATE OF INDIANA
10810009
PROFESSIONAL ENGINEER
NOT PERMITTED FOR CONSTRUCTION
02/12/24

CONSTRUCTION DOCUMENTS FOR
FRANKLIN CENTRAL JUNIOR HIGH SCHOOL
SITE IMPROVEMENTS IN
Indianapolis, IN

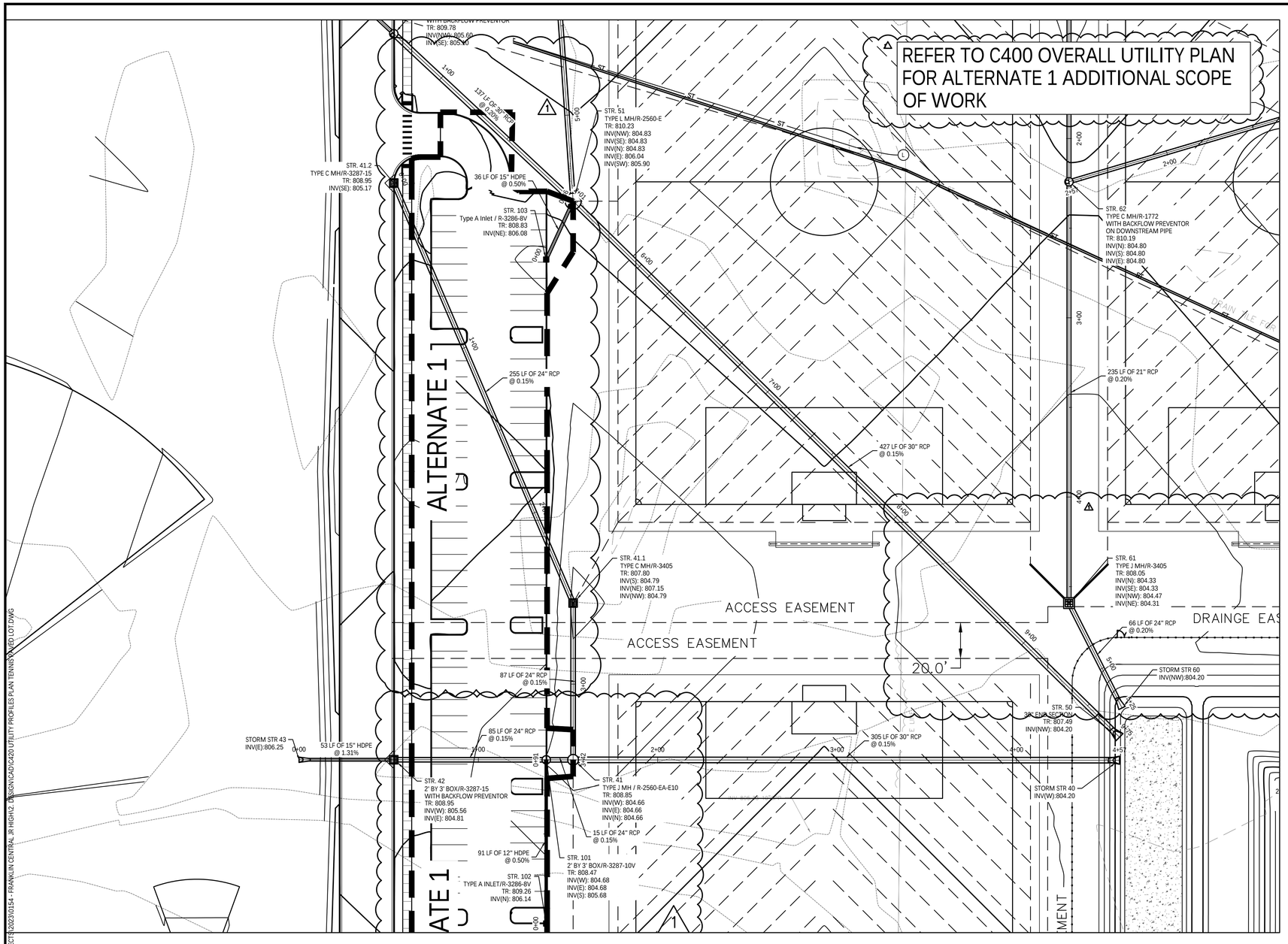
Sheet Title:
UTILITY PROFILES PLAN

Revision	Date	Description
1	02/12/24	ADDENDUM 1
	01/26/24	BID DOCUMENT PLAN SET

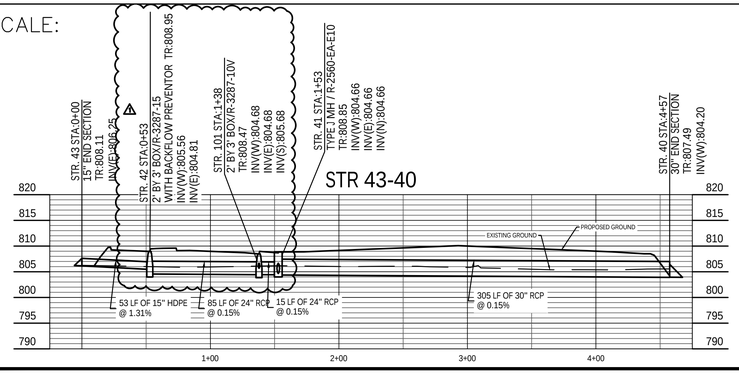
Date:	01/26/24
Project No:	2023.0154
Drawn by:	NCB
Checked by:	JML

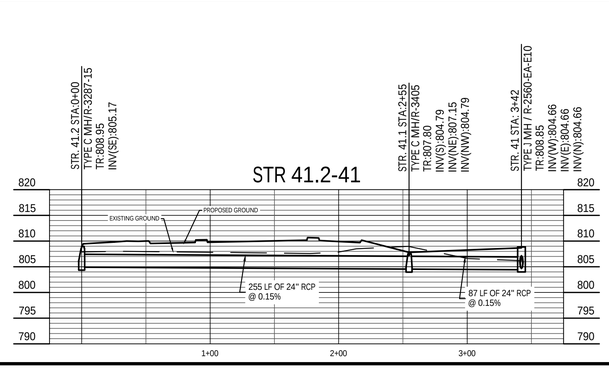
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Sheet No:
C421



PROFILES SCALE: 20: 5





PRINT DATE: 2/13/24
PLOT SCALE: 1:1 | ENT DATE: 2/13/24 - 11:00 AM | EDITED BY: NBALENTINE | DRAWING FILE: J:\PROJECTS\2023\0154 - FRANKLIN CENTRAL JR HIGH\2_DESIGN\CAD\C422D UTILITY PROFILES PLAN TENNIS COURTS ADDED LOT.DWG

0' 30' 60'
SCALE: 1"=30'

KEYNOTES

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B. LOCATE GAS LINE. CONFIRM SUFFICIENT COVER PRIOR TO PLACING PAVING OVER LINE

C. LOCATE WATER LINE. CONFIRM FENCE POSTS NOT PLACED OVER WATER LINE

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L. LOCATE DRAINAGE TILE AND REPAIR PIPE PRIOR TO FINAL GRADING OF SOCCER FIELD

UTILITY LEGEND

- STORM SEWER LINE
- SS — SANITARY SEWER LINE
- G — GAS LINE
- E — ELECTRIC LINE
- T — TELEPHONE LINE
- RD — ROOF DRAIN
- W — WATER LINE
- VALVE
- WATER METER PIT
- HYDRANT
- CLEANOUT (STORM & SANITARY)

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6. TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
7. ANY WATER MAINS TO HAVE 54" MINIMUM COVER OVER TOP OF PIPE.
8. WATER SERVICE LINE TO THE BUILDING SHALL HAVE A SHUT-OFF VALVE IN AN ACCESSIBLE LOCATION OUTSIDE OF THE BUILDING. (APPLIES TO COMMERCIAL ONLY)
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Certified by:
JENNIFER M. LOY — REGISTERED — STATE OF INDIANA — 10810008 — PROFESSIONAL ENGINEER
NOT PERMITTED FOR CONSTRUCTION
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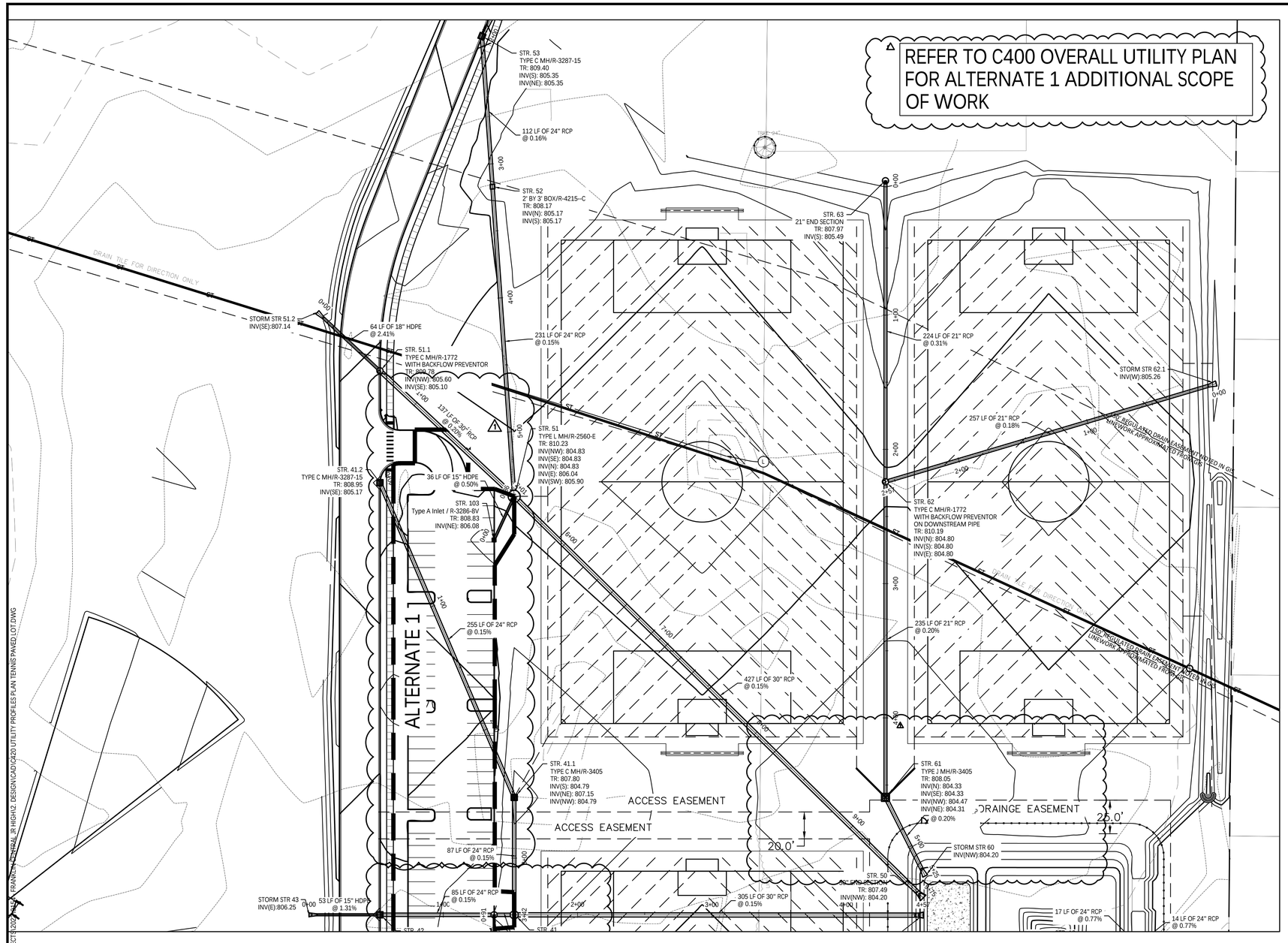
Sheet Title: UTILITY PROFILES PLAN

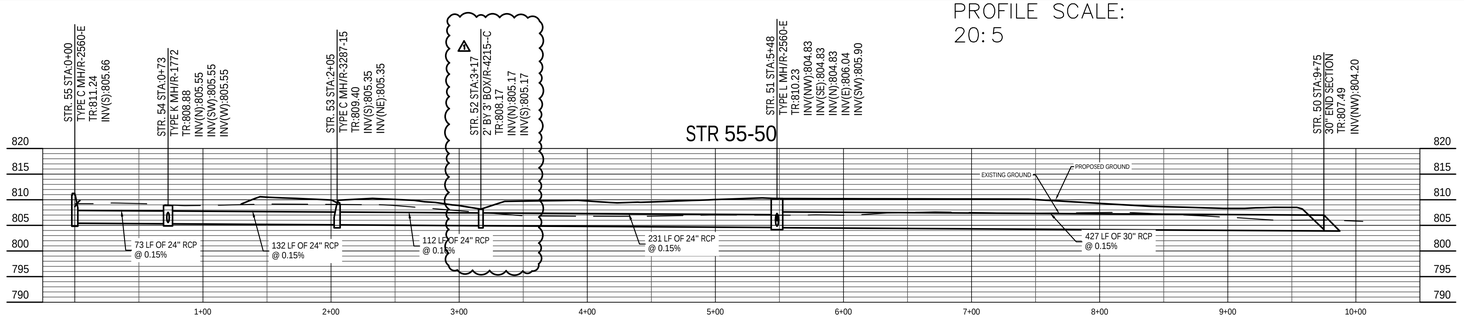
Revision	Date	Description
1	02/26/24	ADDENDUM 1
	02/12/24	BID DOCUMENT PLAN SET

Date:	01/26/24
Project No:	2023.0154
Drawn by:	NCB
Checked by:	JML

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Sheet No:
C422





0' 30' 60'

SCALE: 1"=30'

KEYNOTES

A. ADJUST CASTING TO GRADE

B. LOCATE GAS LINE. CONFIRM SUFFICIENT COVER PRIOR TO PLACING PAVING OVER LINE

C. LOCATE WATER LINE. CONFIRM FENCE POSTS NOT PLACED OVER WATER LINE

D. LOCATE WATER LINE. PLACE GRANULAR FILL OVER LINE WHEN UNDER AND WITHIN 5' OF PROPOSED PAVEMENT AND WALKS. NOTIFY ENGINEER IF 54" MIN. COVER IS NOT PROVIDED. LOWER WATER LINE TO PROVIDE SUFFICIENT COVER

E. LOCATE ELECTRIC LINES TO AND FROM ELECTRIC APPURTENANCES. CONFIRM SUFFICIENT COVER PRIOR TO PLACING PAVEMENT. CONFIRM FENCE POST NOT IN CONFLICT WITH ELECTRIC LINE

F. LOCATE SANITARY LINE. CONFIRM FENCE POST NOT IN CONFLICT WITH PIPE

G. RELOCATED LIGHT POLE

H. PROVIDE PIPE EXTENSION VIA FERNCO OR SIMILAR CONNECTION TO NEW END SECTION

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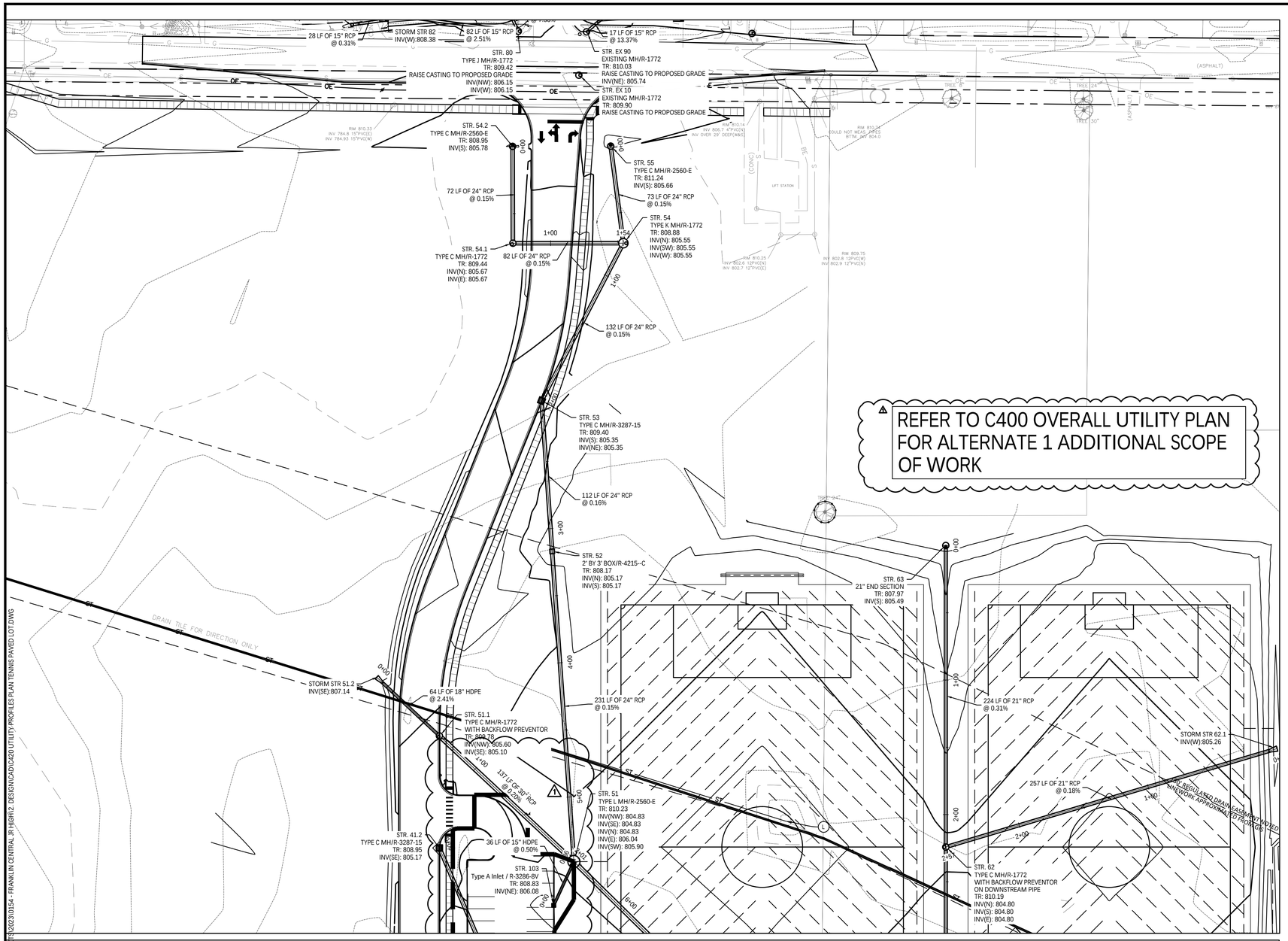
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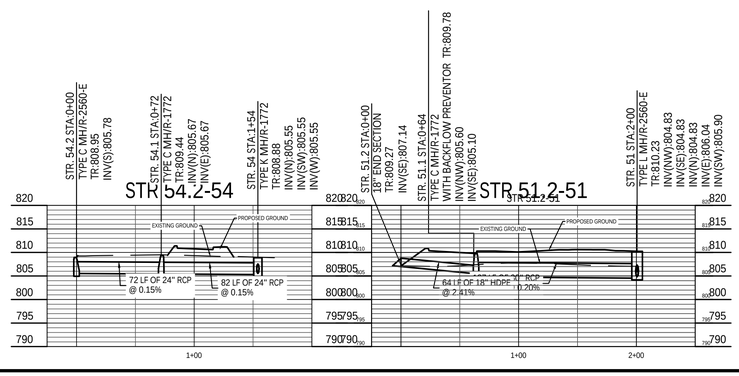
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Sheet No:
C423

PRINT DATE: 01/31/24
PLOT SCALE: 1:1 EDIT DATE: 2/13/24 - 11:00 AM EDITED BY: NBALENTINE DRAWING FILE: J:\PROJECTS\2023\2023.0154 - FRANKLIN CENTRAL JR HIGH\2. DESIGN\CAD\C423 UTILITY PROFILES PLAN TENNIS PAVED LOT.DWG





PROFILES SCALE: 20: 5

PRINT DATE: 2/13/24
PLOT SCALE: 1:1 EDIT DATE: 2/13/24 - 11:00 AM EDITED BY: NBALENTINE DRAWING FILE Z:\PROJECTS\2023\0154 - FRANKLIN CENTRAL JR HIGH\2 DESIGN\CADD\C420 UTILITY PROFILES PLAN TENNIS PAVED LOT.DWG

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Sheet Title: UTILITY PROFILES PLAN

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Sheet No: C424

REFER TO C400 OVERALL UTILITY PLAN FOR ALTERNATE 1 ADDITIONAL SCOPE OF WORK

ALTERNATE 1

INV(NE): 803.35
112 LF OF 24" RCP @ 0.16%
STR. 52
2' BY 3' BOX/R-4215--C
TR: 808.17
INV(N): 805.17
INV(S): 805.17
STR. 63
21" END SECTION
TR: 807.97
INV(S): 805.49
64 LF OF 18" HDPE @ 2.41%
231 LF OF 24" RCP @ 0.15%
224 LF OF 21" RCP @ 0.31%
STR. 51.1
TYPE C MH/R-1772
WITH BACKFLOW PREVENTOR
TR: 808.23
INV(NW): 805.60
INV(SE): 805.10
STORM STR 62.1
INV(W):805.26
257 LF OF 21" RCP @ 0.18%
137 LF OF 30" RCP @ 0.00%
STR. 51
TYPE L MH/R-2560-E
TR: 810.23
INV(NW): 804.83
INV(SE): 804.83
INV(N): 804.83
INV(E): 806.04
INV(SW): 805.90
STR. 41.2
TYPE C MH/R-3287-15
TR: 808.95
INV(SE): 805.17
36 LF OF 15" HDPE @ 0.50%
STR. 103
Type A Inlet / R-3286-BV
TR: 808.83
INV(NE): 806.08
STR. 62
TYPE C MH/R-1772
WITH BACKFLOW PREVENTOR
ON DOWNSTREAM PIPE
TR: 810.19
INV(N): 804.80
INV(S): 804.80
INV(E): 804.80
255 LF OF 24" RCP @ 0.15%
235 LF OF 21" RCP @ 0.20%
427 LF OF 30" RCP @ 0.15%
STR. 41.1
TYPE C MH/R-3405
TR: 807.80
INV(S): 804.79
INV(NE): 807.15
INV(NW): 804.79
STR. 61
TYPE J MH/R-3405
TR: 808.05
INV(N): 804.33
INV(SE): 804.33
INV(NW): 804.47
INV(NE): 804.31
@ 0.20%
ACCESS EASEMENT
ACCESS EASEMENT
DRAINAGE EASEMENT
20.0'
29.0'
87 LF OF 24" RCP @ 0.15%
STORM STR 60
INV(NW):804.20
STR. 50
90° END SECTION
TR: 807.49
INV(NW): 804.20
53 LF OF 15" HDPE @ 1.31%
85 LF OF 24" RCP @ 0.15%
305 LF OF 30" RCP @ 0.15%
17 LF OF 24" RCP @ 0.77%
14 LF OF 24" RCP @ 0.77%
STR. 12
24" END SECTION
TR: 809.78
INV(E): 804.20
STR. 11
TYPE C MH/R-1772
TR: 809.65
INV(W): 804.06
INV(E): 804.06
STR. 10
24" END SECTION
TR: 0.00
INV(W): 803.96
STR. 42
2' BY 3' BOX/R-3287-15
WITH BACKFLOW PREVENTOR
TR: 808.95
INV(W): 805.56
INV(E): 804.81
STR. 41
TYPE J MH / R-2560-EA-E1
TR: 808.85
INV(W): 804.66
INV(E): 804.66
15 LF OF 24" RCP @ 0.15%
91 LF OF 12" HDPE @ 0.50%
STR. 101
STORM STR 40
INV(W):804.20
1.5% REGULATED DRAIN EASEMENT NOTED IN GR. LINEWORK APPROXIMATED FROM GR.
DRAIN FLOW DIRECTION
PAVED LOT DWG

PROFILES SCALE: 20:5

STR 63-60

STR. 63 STA:0+00
21" END SECTION
TR:807.97
INV(S):805.49
STR. 62 STA:2+24
TYPE C MH/R-1772
WITH BACKFLOW PREVENTOR
INV(N):804.80EA/M PIPE TR:810.19
INV(S):804.80
INV(E):804.80
STR. 61 STA:4+59
TYPE J MH/R-3405
TR:808.05
INV(N):804.33
INV(SE):804.33
INV(NW):804.47
INV(NE):804.31
STR. 60 STA:5+25
24" END SECTION
TR:806.95
INV(NW):804.20
PROPOSED GROUND
EXISTING GROUND
224 LF OF 21" RCP @ 0.31%
235 LF OF 21" RCP @ 0.20%
66 LF OF 24" RCP @ 0.20%
820
815
810
805
800
795
790
1+00
2+00
3+00
4+00
5+00

STR 62.1-62

STR. 62.1 STA:0+00
21" END SECTION
TR:807.74
INV(W):805.26
STR. 62 STA:2+57
TYPE C MH/R-1772
WITH BACKFLOW PREVENTOR
INV(N):804.86EA/M PIPE TR:810.19
INV(S):804.80
INV(E):804.80
EXISTING GROUND
PROPOSED GROUND
257 LF OF 21" RCP @ 0.18%
820
815
810
805
800
795
790
1+00
2+00

PLOT SCALE: 1:1 EDIT DATE: 2/13/24 - 11:00 AM EDITED BY: NBALENTINE DRAWING FILE: Z:\PROJECTS\2023\0154_FRANKLIN CENTRAL JR HIGH\2 DESIGN\CAD\C420 UTILITY PROFILES PLAN TENNIS PAVED LOT.DWG
PRINT DATE: 2/13/24

0' 30' 60'
SCALE: 1"=30'

KEYNOTES

A. ADJUST CASTING TO GRADE
B. LOCATE GAS LINE. CONFIRM SUFFICIENT COVER PRIOR TO PLACING PAVING OVER LINE
C. LOCATE WATER LINE. CONFIRM FENCE POSTS NOT PLACED OVER WATER LINE
D. LOCATE WATER LINE. PLACE GRANULAR FILL OVER LINE WHEN UNDER AND WITHIN 5' OF PROPOSED PAVEMENT AND WALKS. NOTIFY ENGINEER IF 54" MIN. COVER IS NOT PROVIDED. LOWER WATER LINE TO PROVIDE SUFFICIENT COVER
E. LOCATE ELECTRIC LINES TO AND FROM ELECTRIC APPURTENANCES. CONFIRM SUFFICIENT COVER PRIOR TO PLACING PAVEMENT. CONFIRM FENCE POST NOT IN CONFLICT WITH ELECTRIC LINE
F. LOCATE SANITARY LINE. CONFIRM FENCE POST NOT IN CONFLICT WITH PIPE
G. RELOCATED LIGHT POLE
H. PROVIDE PIPE EXTENSION VIA FERNCO OR SIMILAR CONNECTION TO NEW END SECTION
I. LOCATE STORM LINE. PROVIDE GRANULAR FILL OVER LINE UNDER UNDER AND 5 FEET OF PAVEMENT AND WALKS
J. LOCATE STORM LINE. CONFIRM FENCE POST NOT OVER OR IN CONFLICT WITH STORM LINE
K. END SECTION WITH PERMANENT RIPRAP APPRON
L. LOCATE DRAINAGE TILE AND REPAIR PIPE PRIOR TO FINAL GRADING OF SOCCER FIELD

UTILITY LEGEND

- STORM SEWER LINE
- SS — SANITARY SEWER LINE
- G — GAS LINE
- E — ELECTRIC LINE
- T — TELEPHONE LINE
- RD — ROOF DRAIN
- W — WATER LINE
- VALVE
- WATER METER PIT
- HYDRANT
- CLEANOUT (STORM & SANITARY)

PROVIDE GRANULAR BACKFILL OVER PIPES WITHIN ACCESS EASEMENT

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

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BOUNDARY AND TOPOGRAPHIC SURVEY INFORMATION PROVIDED BY CMID INC. PROJECT NUMBER VALUE, DATED VALUE.

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3. ALL MATERIALS AND CONSTRUCTION FOR STORM SEWERS SHALL BE IN ACCORDANCE WITH THE LOCAL AUTHORITY STANDARDS AND SPECIFICATIONS.
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6. TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
7. ANY WATER MAINS TO HAVE 54" MINIMUM COVER OVER TOP OF PIPE.
8. WATER SERVICE LINE TO THE BUILDING SHALL HAVE A SHUT-OFF VALVE IN AN ACCESSIBLE LOCATION OUTSIDE OF THE BUILDING. (APPLIES TO COMMERCIAL ONLY)
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10. ALL UTILITY CROSSING AND CLEARANCES TO BE IN CONFORMANCE WITH THE REQUIREMENTS OF THE INDIANA STATE BOARD OF HEALTH.
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EXISTING LEGEND

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- BENCHMARK
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Phone: (317) 598-8647 | www.theveridusgroup.com

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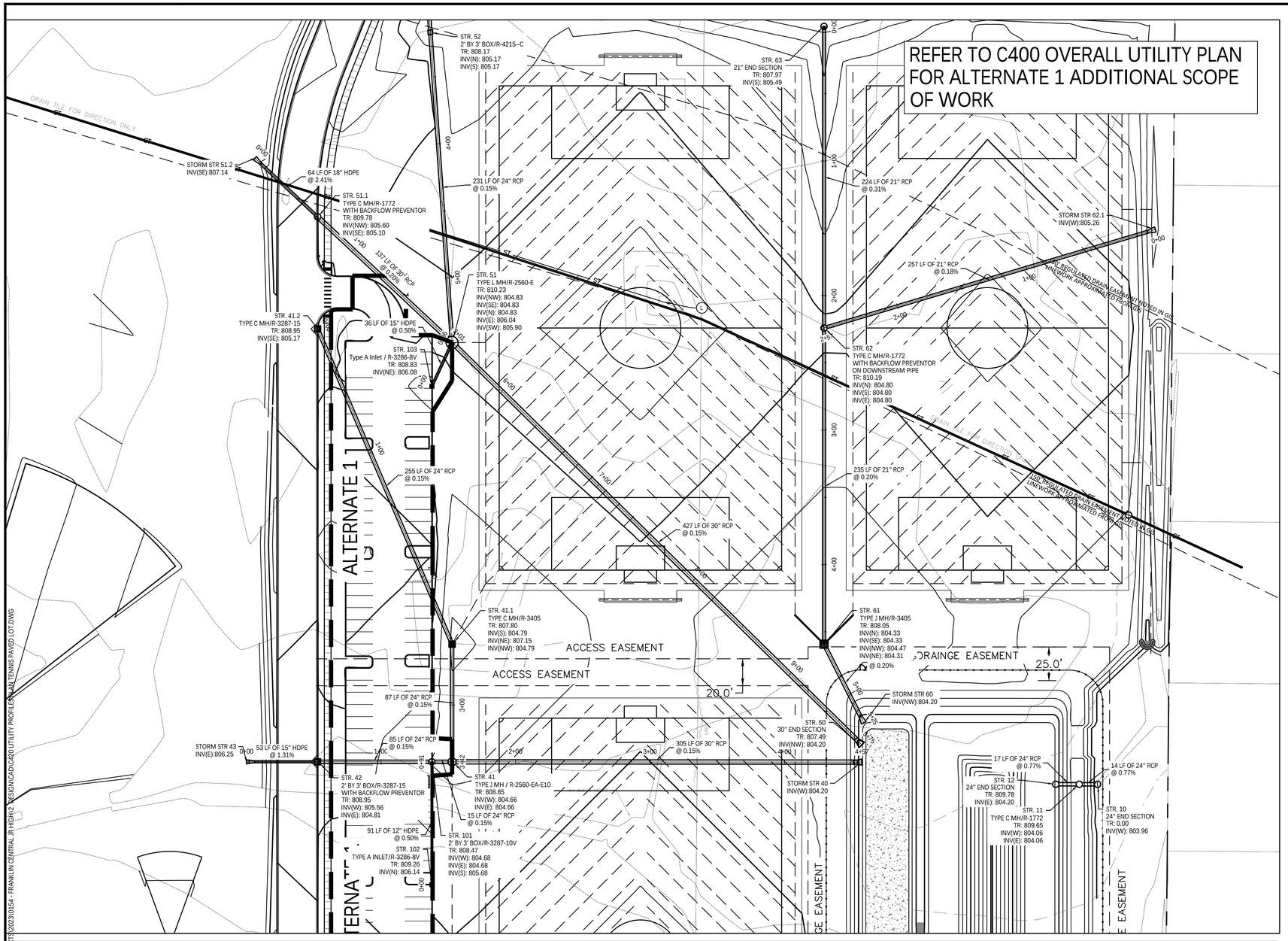
Sheet Title: UTILITY PROFILES PLAN

Revision	Date	Description
1	02/12/24	ADDENDUM 1
	01/26/24	BID DOCUMENT PLAN SET

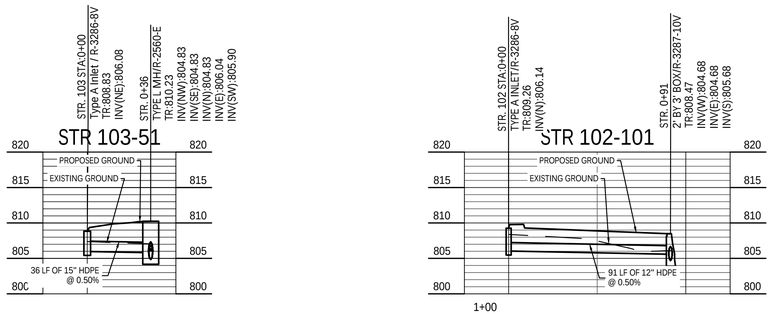
Date:	01/26/24
Project No:	2023.0154
Drawn by:	NCB
Checked by:	JML

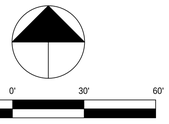
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Sheet No:
C425



PROFILES SCALE:
20: 5





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- W — WATER LINE
- X — FENCE
- ROCK
- TREE
- BUSH

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VERIDUS GROUP
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Certified by:
JENNIFER M. LIS — REGISTERED — 10810008 — STATE OF INDIANA — PROFESSIONAL ENGINEER
NOT PERMITTED FOR CONSTRUCTION
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CONSTRUCTION DOCUMENTS
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Sheet Title: UTILITY PROFILES PLAN

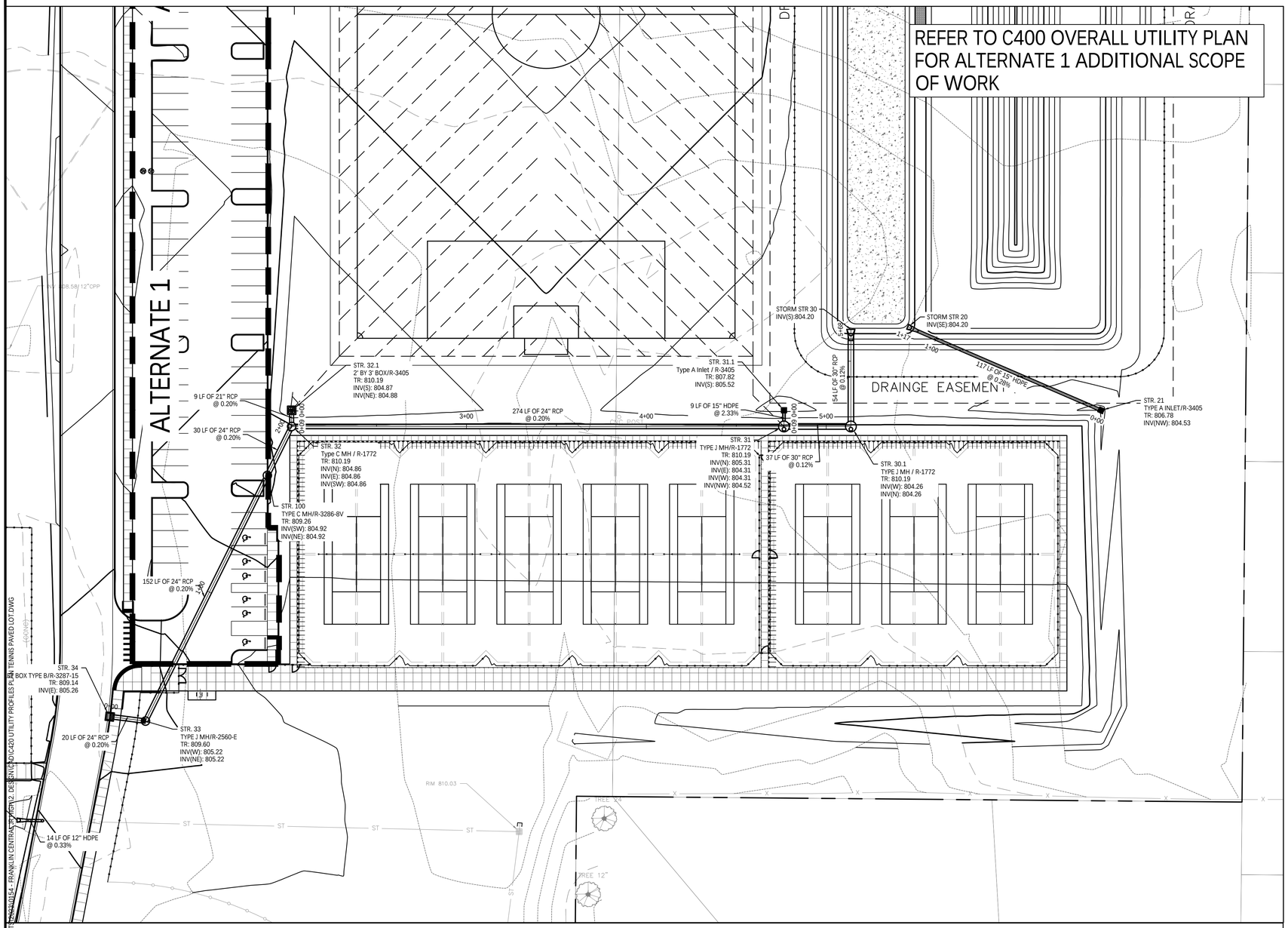
Revision	Date	Description
1	02/12/24	ADDENDUM 1
	01/26/24	BID DOCUMENT PLAN SET

Date:	01/26/24
Project No:	2023.0154
Drawn by:	NCB
Checked by:	JML

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1
PRINT DATE: 2/13/24
PLOT SCALE: 1:1 | EDIT DATE: 2/13/24 - 11:00 AM | EDITED BY: NBALENTINE | DRAWING FILE: Z:\PROJECTS\2023\0154 - FRANKLIN CENTRAL JR HIGH\2 DESIGN\CAD\C420 UTILITY PROFILES PLAN TENNIS PAVED LOT.DWG


REFER TO C400 OVERALL UTILITY PLAN FOR ALTERNATE 1 ADDITIONAL SCOPE OF WORK
ALTERNATE 1
DRAINAGE EASEMENT
STR. 32.1
2' BY 3' BOX/R-3405
TR: 810.19
INV(S): 804.87
INV(NE): 804.88
STR. 31.1
Type A Inlet / R-3405
TR: 807.82
INV(S): 805.52
STORM STR 30
INV(S):804.20
STORM STR 20
INV(SE):804.20
STR. 21
TYPE A INLET/R-3405
TR: 806.78
INV(NW): 804.53
9 LF OF 21" RCP @ 0.20%
30 LF OF 24" RCP @ 0.20%
274 LF OF 24" RCP @ 0.20%
9 LF OF 15" HDPE @ 2.33%
54 LF OF 30" RCP @ 0.12%
117 LF OF 15" HDPE @ 0.28%
37 LF OF 30" RCP @ 0.12%
STR. 32
Type C MH / R-1772
TR: 810.19
INV(N): 804.86
INV(E): 804.86
INV(SW): 804.86
STR. 31
TYPE J MH/R-1772
TR: 810.19
INV(N): 805.31
INV(E): 804.31
INV(W): 804.31
INV(NW): 804.52
STR. 30.1
TYPE J MH / R-1772
TR: 810.19
INV(W): 804.26
INV(N): 804.26
STR. 100
TYPE C MH/R-3286-8V
TR: 809.26
INV(SW): 804.92
INV(NE): 804.92
152 LF OF 24" RCP @ 0.20%
STR. 34
BOX TYPE B/R-3287-15
TR: 809.14
INV(E): 805.26
20 LF OF 24" RCP @ 0.20%
STR. 33
TYPE J MH/R-2560-E
TR: 809.60
INV(W): 805.22
INV(NE): 805.22
14 LF OF 12" HDPE @ 0.33%
RIM 810.03
TREE 24"
TREE 12"
3+00
4+00
5+00
0+00
1+00
1+17
1+40
2+05
0+50
0+09
0+00
0+09
0+00
0+09
0+00

REGULATED DRAIN REPLACEMENT SCOPE OF WORK.

BASE BID: INSTALLATION OF STR 80. REPAIR AND REPLACE DRAIN TILE BETWEEN STR 81 & STR 83.

INSTALLATION OF STRUCTURE AND PIPE BETWEEN STR 84 AND STR 85 (BENEATH PROPOSED ROAD WAY).

ALTERNATE 2A: ALL STRUCTURES AND PIPE LENGTHS BETWEEN STR 80 AND STR 85.

ALTERNATE 2B: ALL STRUCTURES AND PIPE LENGTHS BETWEEN STR 85 AND STR 86.

REFER TO C400 OVERALL UTILITY PLAN FOR ALTERNATE 1 ADDITIONAL SCOPE OF WORK

STR. 86
TYPE C MH/R-1772
INV(E): 804.47
INV(W): 804.47

277 LF OF 10" HDPE
@ 0.30%

DRAIN TILE FOR DIRECTION ONLY

99 LF OF 10" HDPE
@ 0.30%

STR. 85
TYPE C MH/R-1772
INV(E): 803.64
INV(W): 803.64

STR. 84
TYPE C MH/R-1772
INV(W): 803.34
INV(E): 803.34

STR. 83
Approximate location of existing pipe connection to new proposed pipe.
INV(W): 802.57
INV(E): 802.57

20 LF OF 10" HDPE
@ 0.30%

258 LF OF 10" HDPE
@ 0.30%

STR. 82
Existing Structure to be replaced with a pipe connection. Strutures are to be proposed 20 feet away on either side of existing structure.
INV(W): 802.51
INV(SE): 802.11

20 LF OF 10" HDPE
@ 0.30%

STR. 81
Approximate location of existing pipe connection to new proposed pipe.
INV(NW): 802.05
INV(SE): 802.05

329 LF OF 10" HDPE
@ 0.30%

STR. 80
TYPE C MH/R-1772
INV(NW): 801.06
INV(SE): 801.06

REGULATED DRAIN EASEMENT TO BE CONFIRMED/EDITED IN GIS
DIMENSION APPROXIMATE AT THIS TIME

DRAINAGE & BMP EASEMENT

ACCESS EASEMENT

ALTERNATE 1

20.0'

25.0'

20.0

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D. LOCATE WATER LINE. PLACE GRANULAR FILL OVER LINE WHEN UNDER AND WITHIN 5' OF PROPOSED PAVEMENT AND WALKS. NOTIFY ENGINEER IF 54" MIN. COVER IS NOT PROVIDED. LOWER WATER LINE TO PROVIDE SUFFICIENT COVER ⚠

E. LOCATE ELECTRIC LINES TO AND FROM ELECTRIC APPURTENANCES. CONFIRM SUFFICIENT COVER PRIOR TO PLACING PAVEMENT. CONFIRM FENCE POST NOT IN CONFLICT WITH ELECTRIC LINE

F. LOCATE SANITARY LINE. CONFIRM FENCE POST NOT IN CONFLICT WITH PIPE

G. RELOCATED LIGHT POLE. SEE SITE ELECTRIC PLAN

H. PROVIDE PIPE EXTENSION VIA FERNCO OR SIMILAR CONNECTION TO NEW END SECTION

I. LOCATE STORM LINE. PROVIDE GRANULAR FILL OVER LINE UNDER AND WITHIN 5 FEET OF PROPOSED PAVEMENT AND WALKS

J. LOCATE STORM LINE. CONFIRM FENCE POST NOT OVER OR IN CONFLICT WITH STORM LINE

K. END SECTION WITH PERMANENT RIPRAP APRON

L. LOCATE DRAINAGE TILE ACROSS SITE WITH OWNER. REPAIR PIPE PRIOR TO FINAL GRADING OF SOCCER FIELD. ASSUME APPROXIMATELY TWENTY (20) FEET OF REPAIR AT FIVE (5) SEPARATE LOCATIONS ALONG REGULATED DRAIN.

M. 6" UNDER DRAIN BENEATH WATER QUALITY SWALE @ MINIMUM 0.5% SLOPE. PROVIDE RODENT SCREEN AT OUTLET SEE SHEET C451

N. LOCATE STORM LINE. PROVIDE GRANULAR FILL OVER LINE UNDER AND WITHIN 5 FEET OF PROPOSED PAVEMENT AND WALKS

O. APPROXIMATE LOCATION OF DRAINAGE TILE FOR PROPOSED STRUCTURE. LOCATE DRAINAGE STRUCTURE AND INVERT OF TILE PRIOR TO MANUFACTURING STRUCTURES.

P. APPROXIMATE REGULATED DRAIN EASEMENT TO BE REDEFINED BASED ON LOCATED DRAINAGE TILE. LOCATE DRAINAGE TILE AND COORDINATE WITH ENGINEER AND OWNER. LOCATION OF REGULATED DRAIN TILE TO BE SURVEYED FOR LOCATION AND ESTABLISHMENT OF NEW EASEMENT/

Q. 6" HDPE PERFORATED SUBSURFACE DRAIN CAPPED AT UPSTREAM END, MIN. 0.60% SLOPE. SEE L600 FOR DETAIL.

R. 2" DRAINAGE TILE CAPPED AT UPSTREAM END. SEE L600 FOR DETAIL.

S. RELOCATE POWER LIGHT POLE. COORDINATE FINAL ALIGNMENT WITH UTILITY COMPANY

T. SAWCUT LEGAL DRAIN TILE APPROXIMATELY 20 LF ON EITHER SIDE OF REMOVED STRUCTURE AND REPLACE WITH 40 LF 10" HDPE PIPE. CONNECT PIPE TO EXISTING PIPE WITH FERNCO OR SIMILAR FITTING PER CITY OF INDIANAPOLIS STANDARDS.

U. REPLACE LEGAL DRAIN TILE UNDER PROPOSED ROAD SECTION AND SIDEWALK. REPLACE WITH 10" HDPE PIPE. CONNECT PIPE TO EXISTING PIPE WITH FERNCO OR SIMILAR FITTING PER CITY OF INDIANAPOLIS STANDARDS

V. REMOVE AND RELOCATE IRRIGATION VAULT. COORDINATE TIMING WITH OWNER. CONTRACTOR TO LOCATE IRRIGATION INFRASTRUCTURE PRIOR TO COMMENCING WORK. CAP AND ABANDON ANY LINES IN DISTURBED AREA.

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1. IT SHALL BE THE SUBCONTRACTOR'S RESPONSIBILITY TO VERIFY ALL EXISTING UTILITIES AND CONDITIONS PERTAINING TO THE PHASE OF WORK. IT SHALL ALSO BE THE SUBCONTRACTOR'S RESPONSIBILITY TO CONTACT THE OWNERS OF THE VARIOUS UTILITIES FOR PROPER STAKE LOCATION OF EACH UTILITY BEFORE WORK IS STARTED. EACH SUBCONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER OF ANY CHANGES, OMISSIONS, OR ERRORS FOUND ON THESE PLANS OR IN FIELD BEFORE WORK IS STARTED OR RESUMED.
2. ALL MATERIALS AND CONSTRUCTION FOR SANITARY SEWERS SHALL BE IN ACCORDANCE WITH THE LOCAL AUTHORITY STANDARDS AND SPECIFICATIONS.
3. ALL MATERIALS AND CONSTRUCTION FOR STORM SEWERS SHALL BE IN ACCORDANCE WITH THE LOCAL AUTHORITY STANDARDS AND SPECIFICATIONS.
4. ALL MATERIALS AND CONSTRUCTION FOR WATER MAINS SHALL BE IN ACCORDANCE WITH THE LOCAL AUTHORITY STANDARDS AND SPECIFICATIONS.
5. ANY PART OF THE SANITARY OR STORM SEWER TRENCHES RUNNING UNDER OR WITHIN 5' OF PAVED AREAS TO BE BACKFILLED WITH COMPACTED GRANULAR MATERIAL.
6. TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
7. ANY WATER MAINS TO HAVE 54" MINIMUM COVER OVER TOP OF PIPE.
8. WATER SERVICE LINE TO THE BUILDING SHALL HAVE A SHUT-OFF VALVE IN AN ACCESSIBLE LOCATION OUTSIDE OF THE BUILDING. (APPLIES TO COMMERCIAL ONLY)
9. STERILIZATION OF WATER MAIN SHALL BE IN ACCORDANCE WITH STATE BOARD OF HEALTH.
10. ALL UTILITY CROSSING AND CLEARANCES TO BE IN CONFORMANCE WITH THE REQUIREMENTS OF THE INDIANA STATE BOARD OF HEALTH.
11. IF EXISTING FIELD TILES ARE ENCOUNTERED DURING CONSTRUCTION THEY ARE TO BE TIED INTO THE PROPOSED STORM SEWER SYSTEM.
12. ALL SEWER PIPES UNDER OR WITHIN 5' OF PAVEMENT SHALL BE BACKFILLED WITH GRANULAR BACKFILL. FOR BACKFILL PURPOSES, PAVED SHOULDERS, CURBS, GUTTER, AND SIDE WALKS ARE CONSIDER PAVEMENT. FOR PIPES WITHIN INDIANA STATE RIGHTS-OF-WAY, BACKFILL SHALL BE PROVIDED PER INDIANA DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS. LOCAL JURISDICTION REQUIREMENTS MAY DICTATE MORE STRINGENT REQUIREMENTS AT TIME OF CONSTRUCTION AND INSPECTION.
13. PER SECTION 405.03 OF CITY OF INDIANAPOLIS STORMWATER MANUAL, INLET CASTING SHALL HAVE THE WORDS "NO DUMPING, DRAINS TO STREAM" CAST IN RAISED OR RECESSED LETTER AT A MINIMUM 1" IN HEIGHT. A SYMBOL OF A FISH SHALL ALSO BE CAST WITH THE LETTER PER THE CITY OF INDIANAPOLIS STANDARDS.
14. ALL PROPOSED EROSION AND SEDIMENT CONTROL SHALL BE IN CONFORMANCE WITH CHAPTER 600 OF THE CITY OF INDIANAPOLIS STORMWATER DESIGN AND SPECIFICATIONS MANUAL, LATEST EDITION. DISCREPANCIES BETWEEN THE PLANS AND THE MANUAL SHALL NOT ALLEVIATE THE CONTRACTOR FROM ADHERING TO THE REQUIREMENTS SET FORTH IN THE MANUAL.
15. SEE SITE ELECTRICAL AND L-SERIES FOR SITE LIGHTING.

EXISTING LEGEND

- CONTROL POINT
- BENCHMARK
- MAILBOX
- POSSIBLE PROPERTY CORNER
- SANITARY MANHOLE
- STORM MANHOLE
- BEEHIVE INLET
- GRATE INLET
- CURB INLET
- POWER POLE
- YARD LIGHT
- LIGHT POLE
- ELECTRIC TRANSFORMER
- TELEPHONE MANHOLE/VAULT
- TELEPHONE PEDESTAL
- GAS PIPELINE MARKER POST
- WATER METER
- WATER VALVE
- FIRE HYDRANT
- WELL
- BRICK COLUMN
- ROAD SIGN
- FLAG POLE
- IRRIGATION VAULT
- BIRD BATH/BASKETBALL GOAL
- S — SANITARY SEWER
- ST — STORM SEWER PIPE
- BE — BURIED ELECTRIC
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- FO — BURIED FIBER OPTIC
- G — GAS LINE
- W — WATER LINE
- X — FENCE
- ROCK
- TREE
- BUSH

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10810
STATE OF INDIANA
PROFESSIONAL ENGINEER
NOT PERMITTED FOR CONSTRUCTION
02/12/24

CONSTRUCTION DOCUMENTS
FRANKLIN CENTRAL JUNIOR HIGH SCHOOL
SITE IMPROVEMENTS
Indianapolis, IN

Sheet Title:
REGULATED DRAIN REPLACEMENT PLAN

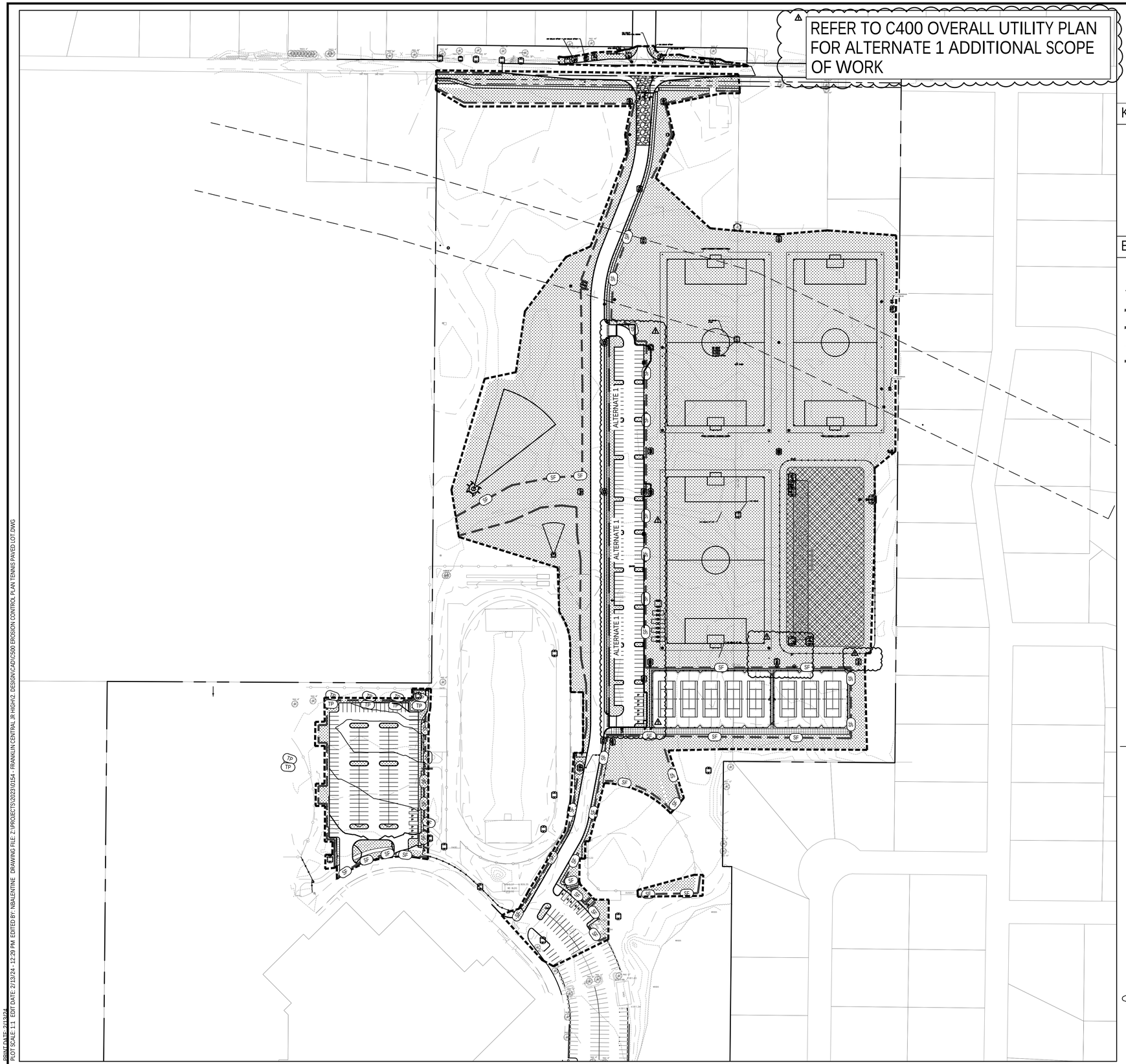
Revision	Date	Description
1	01/26/24	BID DOCUMENT PLAN SET
	02/12/24	ADDENDUM 1

Date:	01/26/24
Project No:	2023.0154
Drawn by:	NCB
Checked by:	JML

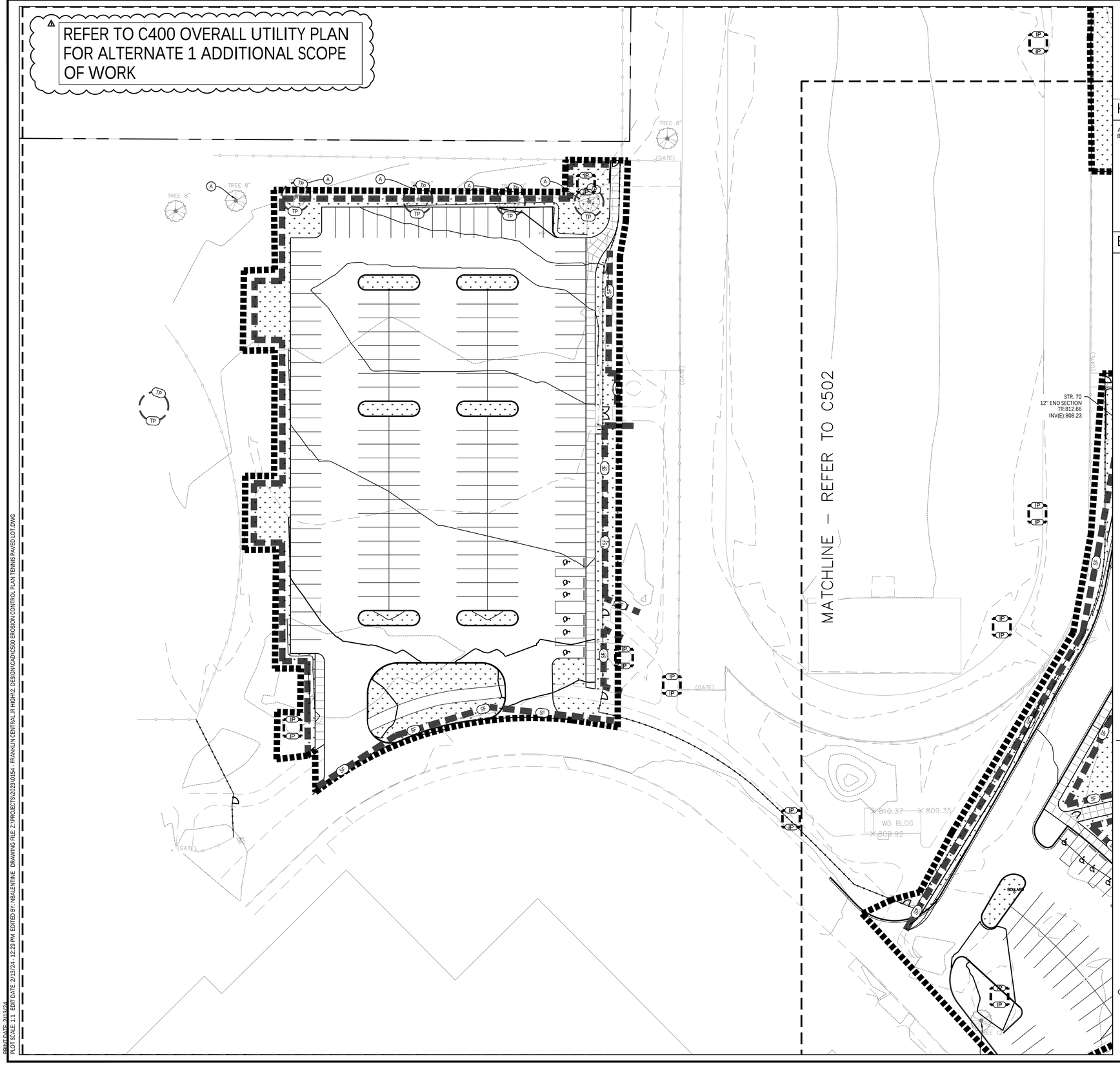
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Sheet No:
C430

PRINT DATE: 2/12/24
PLOT SCALE: 1:1 | EDIT DATE: 2/13/24 - 11:50 AM | EDITED BY: NBALENTINE | DRAWING FILE: Z:\PROJECTS\2023\0154 - FRANKLIN CENTRAL JR HIGH\2. DESIGN\CAD\C400 UTILITY PLAN TENNIS PAVED LOT.DWG


REFER TO C400 OVERALL UTILITY PLAN FOR ALTERNATE 1 ADDITIONAL SCOPE OF WORK
ALTERNATE 1
ALTERNATE 1
SF
TP
IP
OP
CWO
POL
TS
TTS
TSS
SF
SF
SF

REFER TO C400 OVERALL UTILITY PLAN FOR ALTERNATE 1 ADDITIONAL SCOPE OF WORK



0' 30' 60'
SCALE: 1"=30'

KEYNOTES

A. PROTECT TREE DURING CONSTRUCTION
B. PROVIDE PERMANENT RIP RAP APRON AT ALL END SECTIONS

EROSION CONTROL LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- SILT FENCE
- TREE PROTECTION
- CONSTRUCTION LIMITS
- CONSTRUCTION FENCE
- INLET PROTECTION
- OUTLET PROTECTION (10' LENGTH)
- CONCRETE WASHOUT AREA
- PORT-O-LET LOCATION
- TEMPORARY MATERIAL STORAGE AREA
- TEMPORARY TRASH STORAGE AREA
- TEMPORARY SOIL STORAGE AREA
- EROSION CONTROL GROUND COVER AS APPROVED BY THE ENGINEER
- GRAVEL CONSTRUCTION ENTRANCE
- AREA SUBJECT TO TEMPORARY SEEDING DURING CONSTRUCTION AND PERMANENT SEEDING AND / OR VEGETATION AFTER CONSTRUCTION. REFER TO LANDSCAPE ARCHITECT FOR SEEDING REQUIREMENTS.
- HYDROLOGIC SOIL GROUP BOUNDARY

FsA	Fox silt loam, till substraum, 0 to 2 percent slopes
CrA	Crosby Silt Loam, fine-loamy subsoil, 0 to 2 percent slopes
Km	Kokomo silty clay loam, stratified substratum
ThrA	Threaty silty loam, 0 to 1 percent slopes
Bs	Brookston silty clay loam, 0 to 2 percent slopes
MpC3	Miami soils, 6 to 12 percent slopes, severely eroded
MnB2	Miami silt loam, 2 to 6 percent slopes, moderately eroded

SEE LANDSCAPE PLANS FOR ADDITIONAL INFORMATION ON TREE PROTECTION

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

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3. THIS PLAN SHALL NOT BE CONSIDERED ALL INCLUSIVE AS THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT SOIL SEDIMENT FROM LEAVING THE SITE.
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16. EXISTING DRIVE TO BE USED FOR CONSTRUCTION ACCESS. CONTRACTOR TO PROVIDE SWEEP CLEANING TO KEEP DRIVE AND PUBLIC RIGHT OF WAY CLEAR OF SEDIMENT MIGRATION DUE TO CONSTRUCTION.

EXISTING LEGEND

- CONTROL POINT
- BENCHMARK
- MAILBOX
- POSSIBLE PROPERTY CORNER
- SANITARY MANHOLE
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SITE IMPROVEMENTS
Indianapolis, IN

Sheet Title:
EROSION CONTROL PLAN

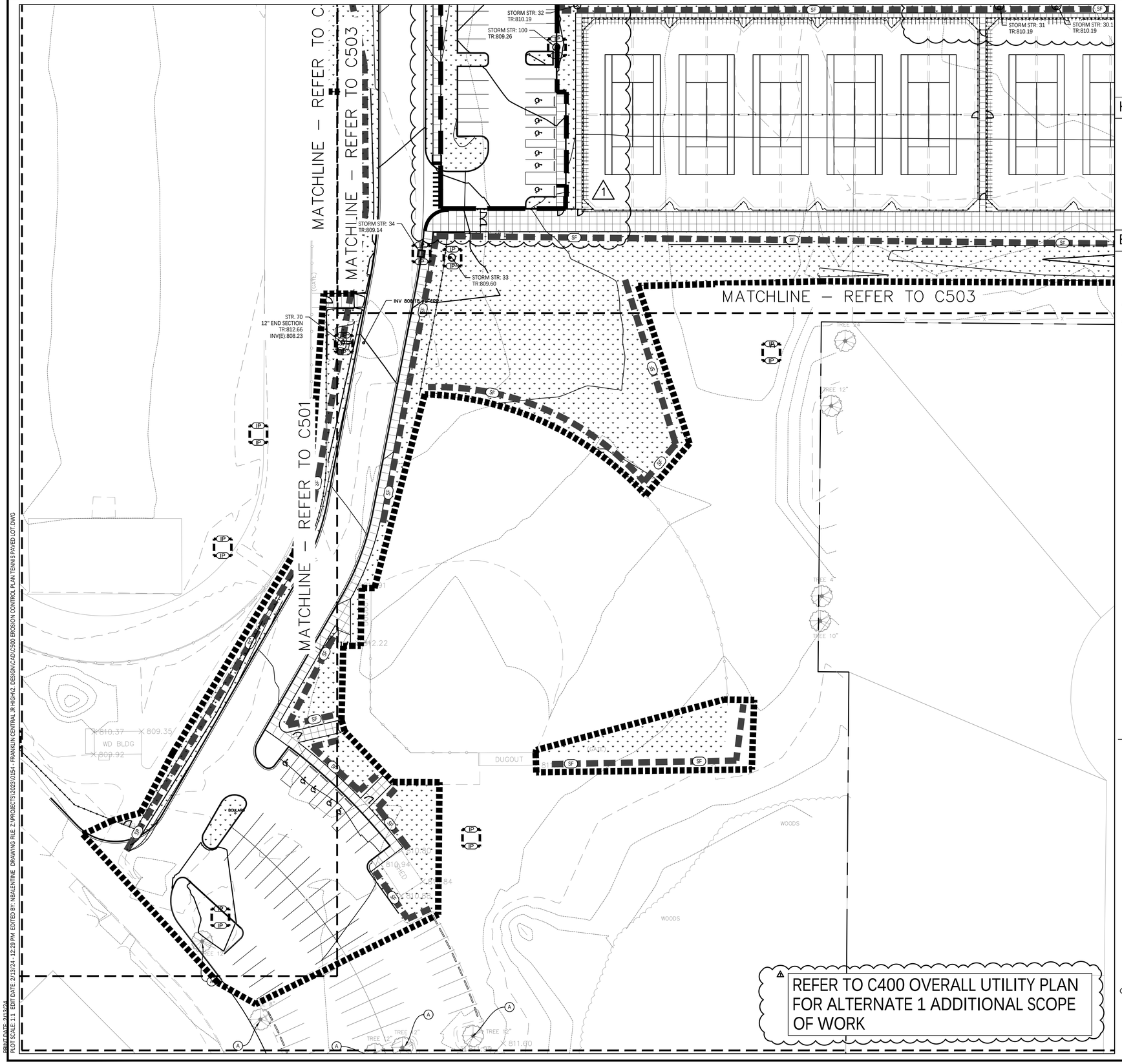
Revision	Date	Description
1	02/12/24	ADDENDUM 1
	01/26/24	BID DOCUMENT PLAN SET

Date:	01/26/24
Project No:	2023.0154
Drawn by:	NCB
Checked by:	JML

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Sheet No:
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PLOT SCALE: 1:1 | EDIT DATE: 2/13/24 - 12:29 PM | EDITED BY: NBALENTINE | DRAWING FILE: Z:\PROJECTS\2023\0154 - FRANKLIN CENTRAL JR HIGH\2. DESIGN\CAD\C500 EROSION CONTROL PLAN TENNIS PAVED LOT.DWG
PRINT DATE: 2/13/24



PLOT DATE: 2/13/24 - 12:29 PM EDITED BY: NBALENTINE DRAWING FILE: Z:\PROJECTS\2023\0154 - FRANKLIN CENTRAL JR HIGH\2. DESIGN\CAD\C500 EROSION CONTROL PLAN TENNIS PAVED LOT.DWG

PRINT DATE: 2/13/24

SCALE: 1"=30'

KEYNOTES

EROSION CONTROL LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- SILT FENCE
- TREE PROTECTION
- CONSTRUCTION LIMITS
- CONSTRUCTION FENCE
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EXISTING LEGEND

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CONSTRUCTION DOCUMENTS
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SITE IMPROVEMENTS
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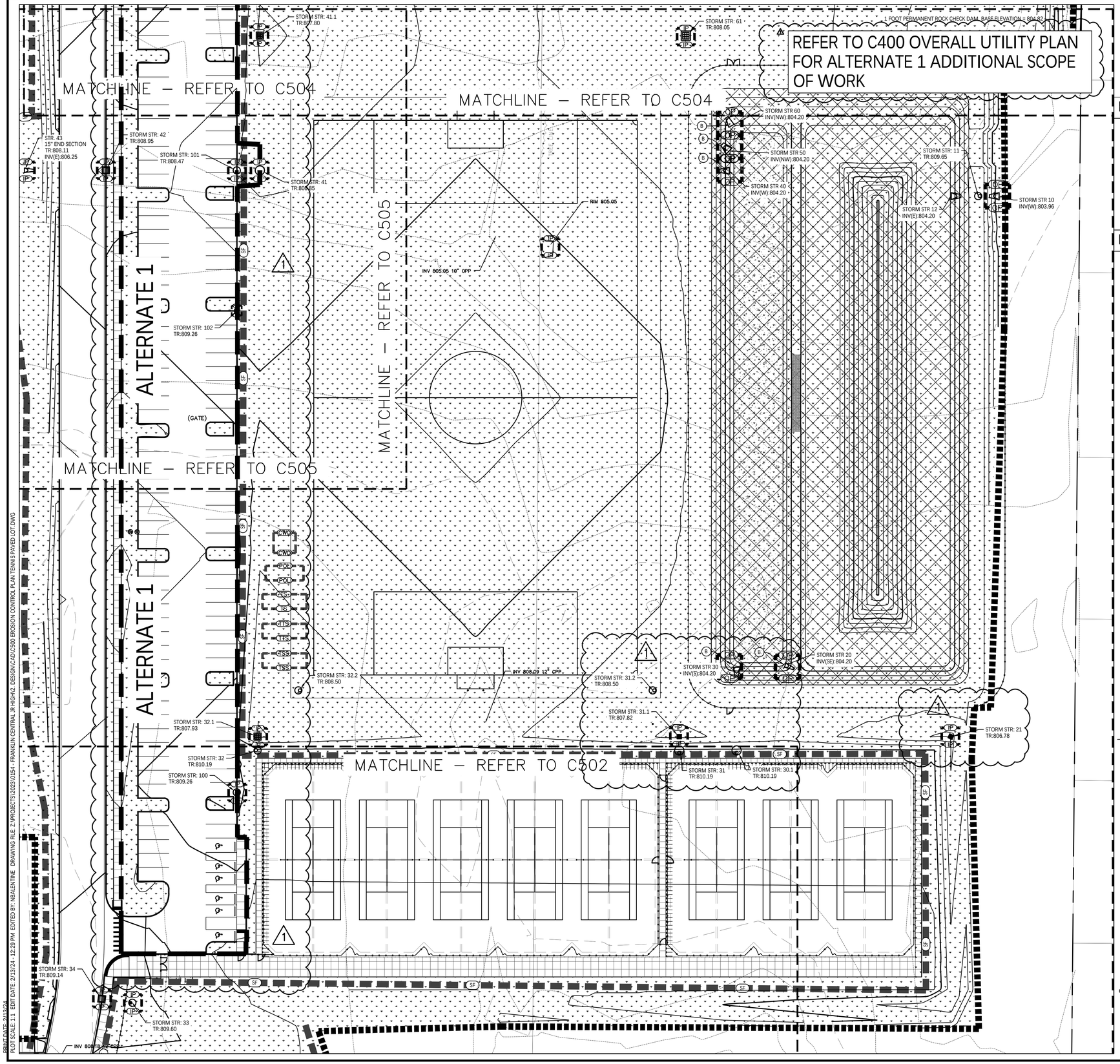
Sheet Title: EROSION CONTROL PLAN

Revision	Date	Description
1	02/12/24	ADDENDUM 1
	01/26/24	BID DOCUMENT PLAN SET

Date:	01/26/24
Project No:	2023.0154
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Checked by:	JML

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KEYNOTES

EROSION CONTROL LEGEND

- EXISTING CONTOUR (668)
- PROPOSED CONTOUR (668)
- SILT FENCE (SF)
- TREE PROTECTION (TP)
- CONSTRUCTION LIMITS
- CONSTRUCTION FENCE (CF)
- INLET PROTECTION (IP)
- OUTLET PROTECTION (10' LENGTH) (OP)
- CONCRETE WASHOUT AREA (CWO)
- PORT-O-LET LOCATION (POL)
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EXISTING LEGEND

- CONTROL POINT
- BENCHMARK
- MAILBOX
- POSSIBLE PROPERTY CORNER
- SANITARY MANHOLE
- STORM MANHOLE
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- GRATE INLET
- CURB INLET
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- YARD LIGHT
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- BUSH
- HYDROLOGIC SOIL GROUP BOUNDARY

FsA	Fox silt loam, till substraum, 0 to 2 percent slopes
CrA	Crosby Silt Loam, fine-loamy subsoil, 0 to 2 percent slopes
Km	Kokomo silty clay loam, stratified substratum
ThrA	Threaty silty loam, 0 to 1 percent slopes
Bs	Brookston silty clay loam, 0 to 2 percent slopes
MpC3	Miami soils, 6 to 12 percent slopes, severely eroded
MnB2	Miami silt loam, 2 to 6 percent slopes, moderately eroded

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Certified by: JENNIFER M. LIS, REGISTERED LANDSCAPE ARCHITECT, STATE OF INDIANA, 10810004, PROFESSIONAL ENGINEER

NOT PERMITTED FOR CONSTRUCTION 02/12/24

CONSTRUCTION DOCUMENTS
FRANKLIN CENTRAL JUNIOR HIGH SCHOOL
SITE IMPROVEMENTS
Indianapolis, IN

Sheet Title: EROSION CONTROL PLAN

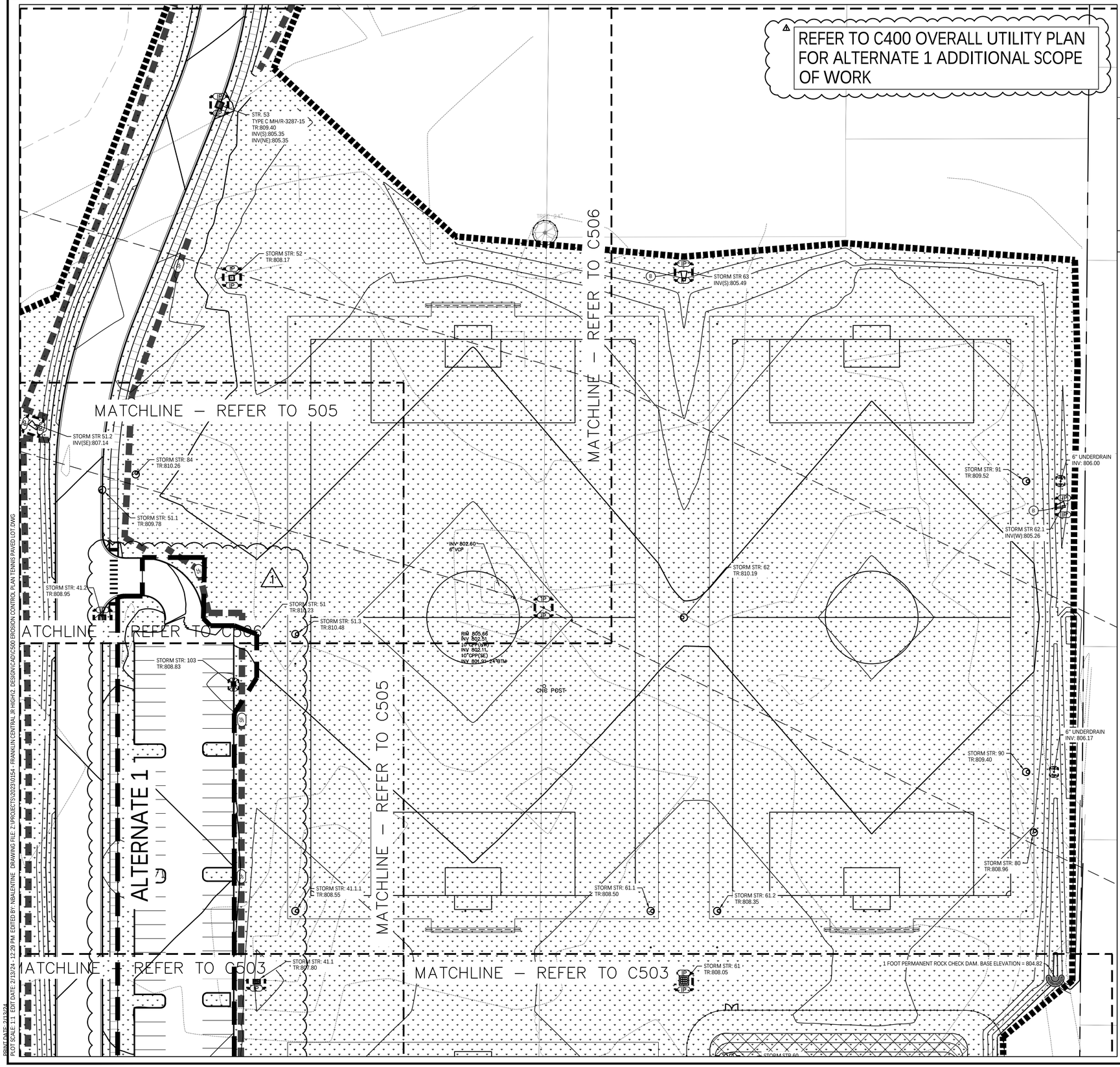
Revision	Date	Description
1	02/12/24	BID DOCUMENT PLAN SET ADDENDUM 1
	01/26/24	

Date:	01/26/24
Project No:	2023.0154
Drawn by:	NCB
Checked by:	JML

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Sheet No: C503

PLOT SCALE: 1:1 PLOT DATE: 2/13/24 - 12:29 PM EDITED BY: NBALENTINE DRAWING FILE: Z:\PROJECTS\2023\0154 - FRANKLIN CENTRAL JR HIGH\2. DESIGN\CAD\C500 EROSION CONTROL PLAN TENNIS PAVED LOT.DWG
PRINT DATE: 2/13/24



0' 30' 60'

SCALE: 1"=30'

KEYNOTES

EROSION CONTROL LEGEND

- EXISTING CONTOUR (668)
- PROPOSED CONTOUR (668)
- SILT FENCE (SF)
- TREE PROTECTION (TP)
- CONSTRUCTION LIMITS
- CONSTRUCTION FENCE (CF)
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4. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IF DEEMED NECESSARY BY ON SITE INSPECTION.
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Certified by:
JENNIFER M. LOY
REGISTERED
10810024
STATE OF INDIANA
PROFESSIONAL ENGINEER
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SITE IMPROVEMENTS
Indianapolis, IN

Sheet Title:
EROSION CONTROL PLAN

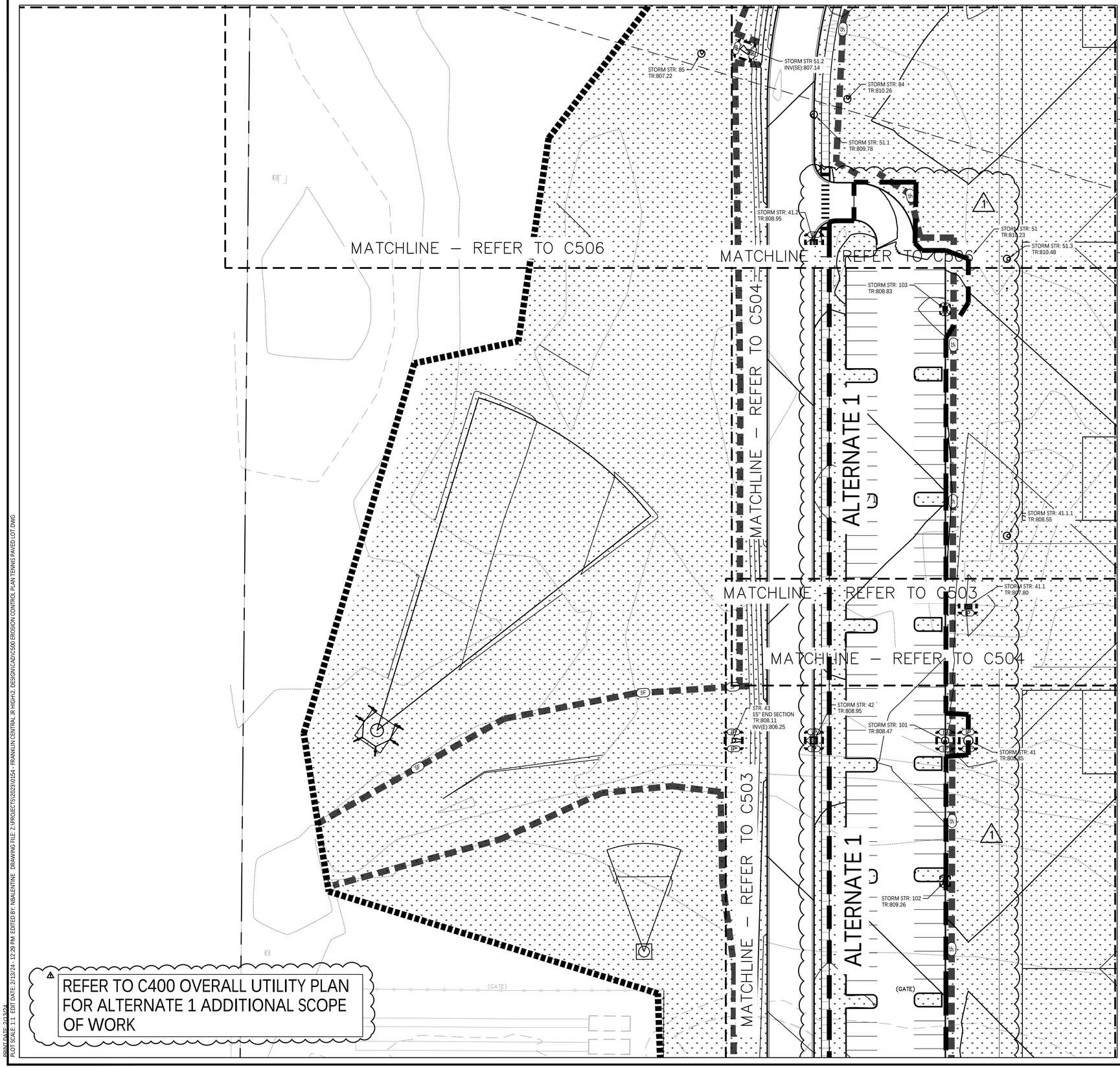
Revision	Description	Date
1	BID DOCUMENT PLAN SET ADDENDUM 1	01/26/24 02/12/24

Date:	01/26/24
Project No:	2023.0154
Drawn by:	NCB
Checked by:	JML

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SCALE: 1"=30'

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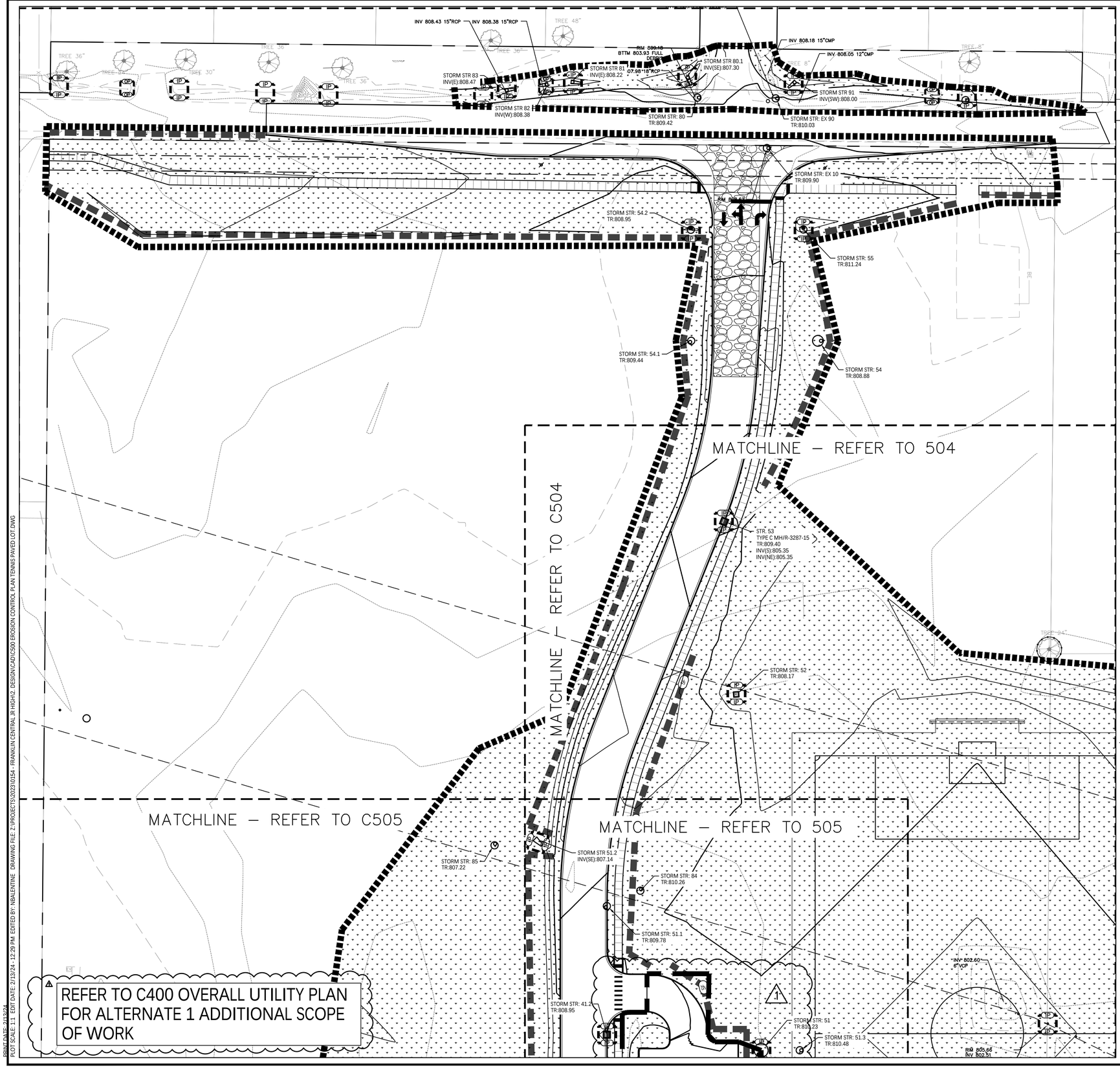
Revision	Date	Description
	01/26/24	BID DOCUMENT PLAN SET
1	02/12/24	ADDENDUM 1

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Phone: (317) 598-8647 | www.theveridusgroup.com

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NOT PERMITTED FOR CONSTRUCTION 02/12/24

CONSTRUCTION DOCUMENTS
FRANKLIN CENTRAL JUNIOR HIGH SCHOOL
SITE IMPROVEMENTS
Indianapolis, IN

Sheet Title: EROSION CONTROL PLAN

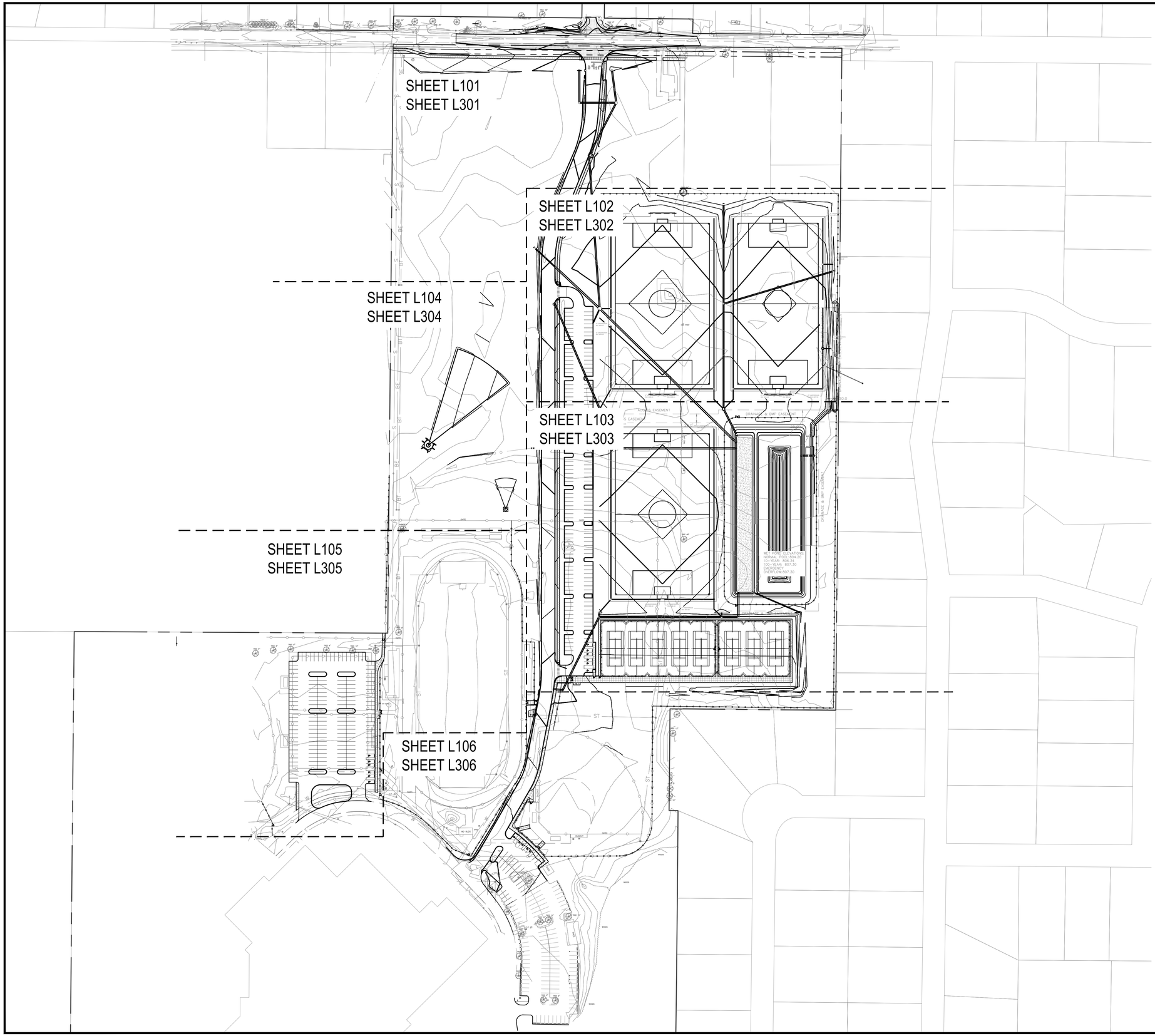
Revision	Date	Description
1	02/12/24	ADDENDUM 1
	01/26/24	BID DOCUMENT PLAN SET

Date:	01/26/24
Project No:	2023.0154
Drawn by:	NCB
Checked by:	JML

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Sheet No: C506

PRINT DATE: 2/13/24
PLOT SCALE: 1:1 EDIT DATE: 2/13/24 - 12:29 PM EDITED BY: NBALENTINE DRAWING FILE: Z:\PROJECTS\2023\0154 - FRANKLIN CENTRAL JR HIGH\2. DESIGN\CAD\CSD\ EROSION CONTROL PLAN TENNIS PAVED LOT.DWG



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STATE OF INDIANA
EXPIRES 12-31-2025

BID DOCUMENTS
FRANKLIN CENTRAL JUNIOR HIGH SCHOOL
SITE IMPROVEMENTS
10440 Indian Creek S Rd, Indianapolis, IN 46239

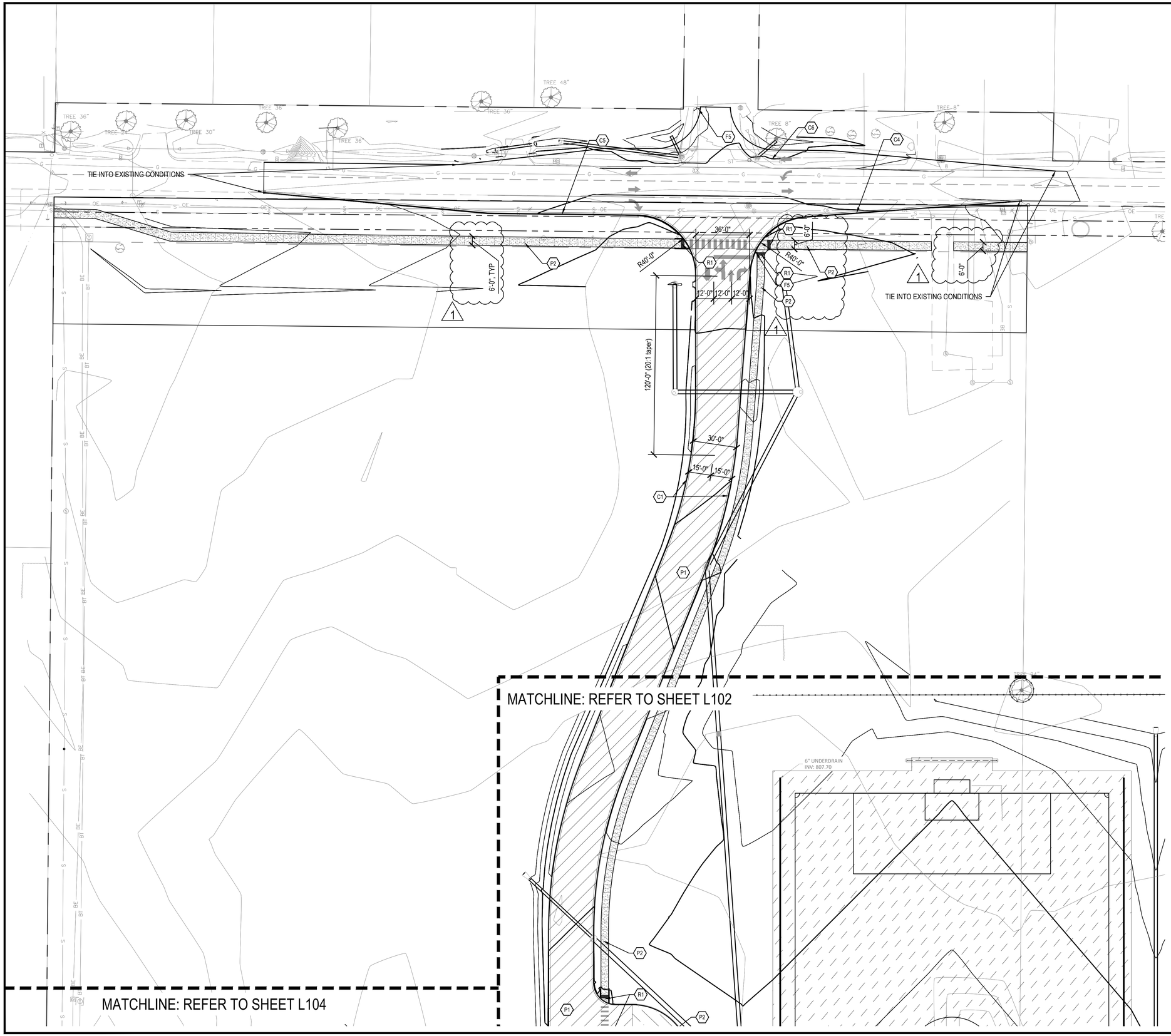
Sheet Title:
OVERALL SITE REFERENCE PLAN

Revision	Date	Description
1	2024-02-12	ADDENDUM #1

Date:	2024/01/26
Project No:	22-1613
Drawn by:	AY
Checked by:	FJP

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Sheet No:
L100



	CURB KEYNOTES
KEY	DESCRIPTION / REFERENCE
C1	CURB AND GUTTER REFER TO SITE DETAIL 9/L600
C2	CONCRETE POST CURB REFER TO SITE DETAILS 6/L600
C3	INTEGRAL CONCRETE CURB & WALK REFER TO SITE DETAIL 5/L600
C4	ACCEL LANE REFER TO CITY STANDARDS
C5	DECEL LANE REFER TO CITY STANDARDS
C6	PASSING BLISTER REFER TO CIVIL SERIES

	FURNISHINGS KEYNOTES
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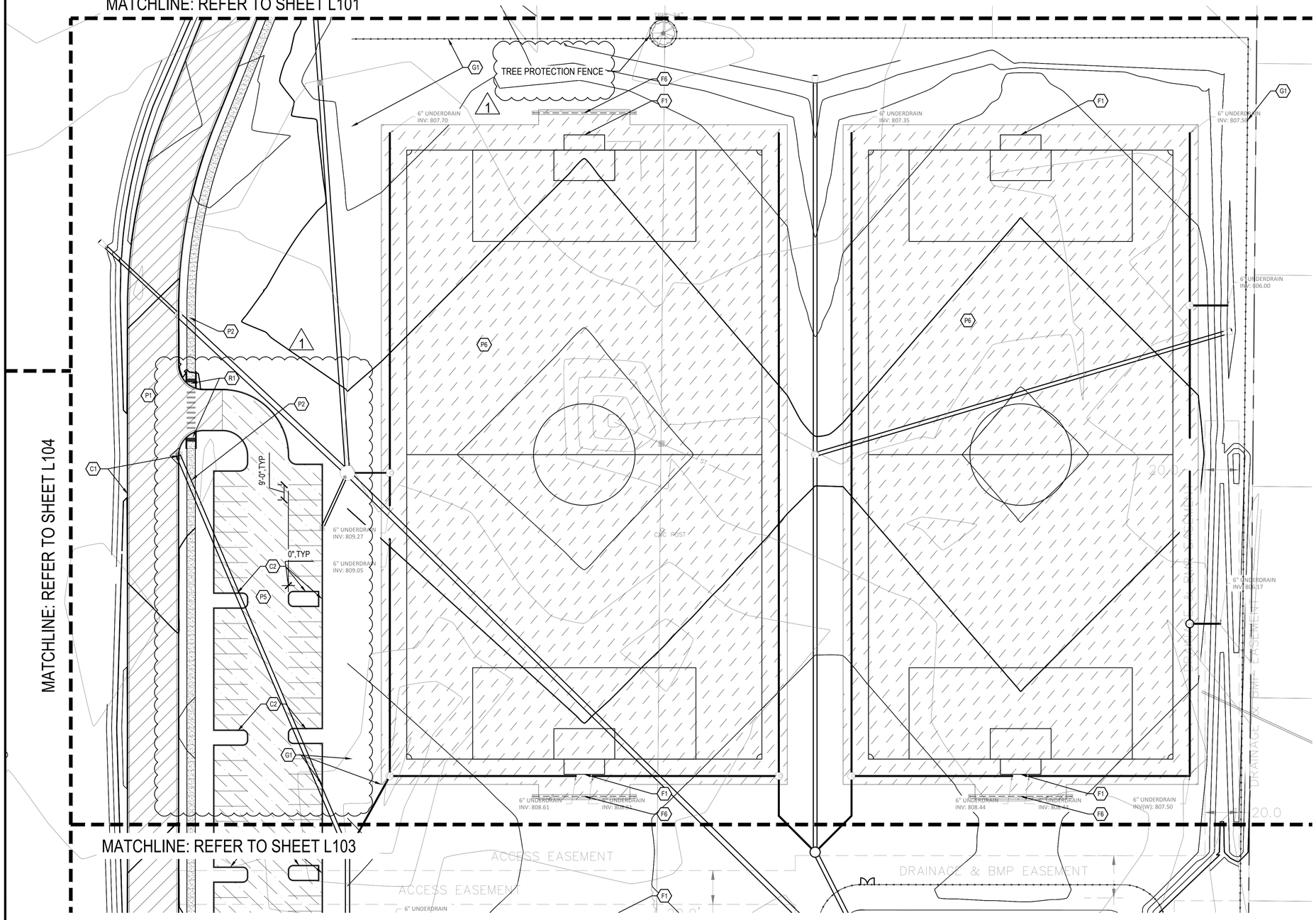
Sheet Title:
MATERIALS AND NOTES PLAN

Revision	Date	Description
1	2024-02-12	ADDENDUM #1

Date:	2024/01/26
Project No:	22-1613
Drawn by:	AY
Checked by:	FJP

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0 15' 30' 60'
Scale 1" = 30'-0"

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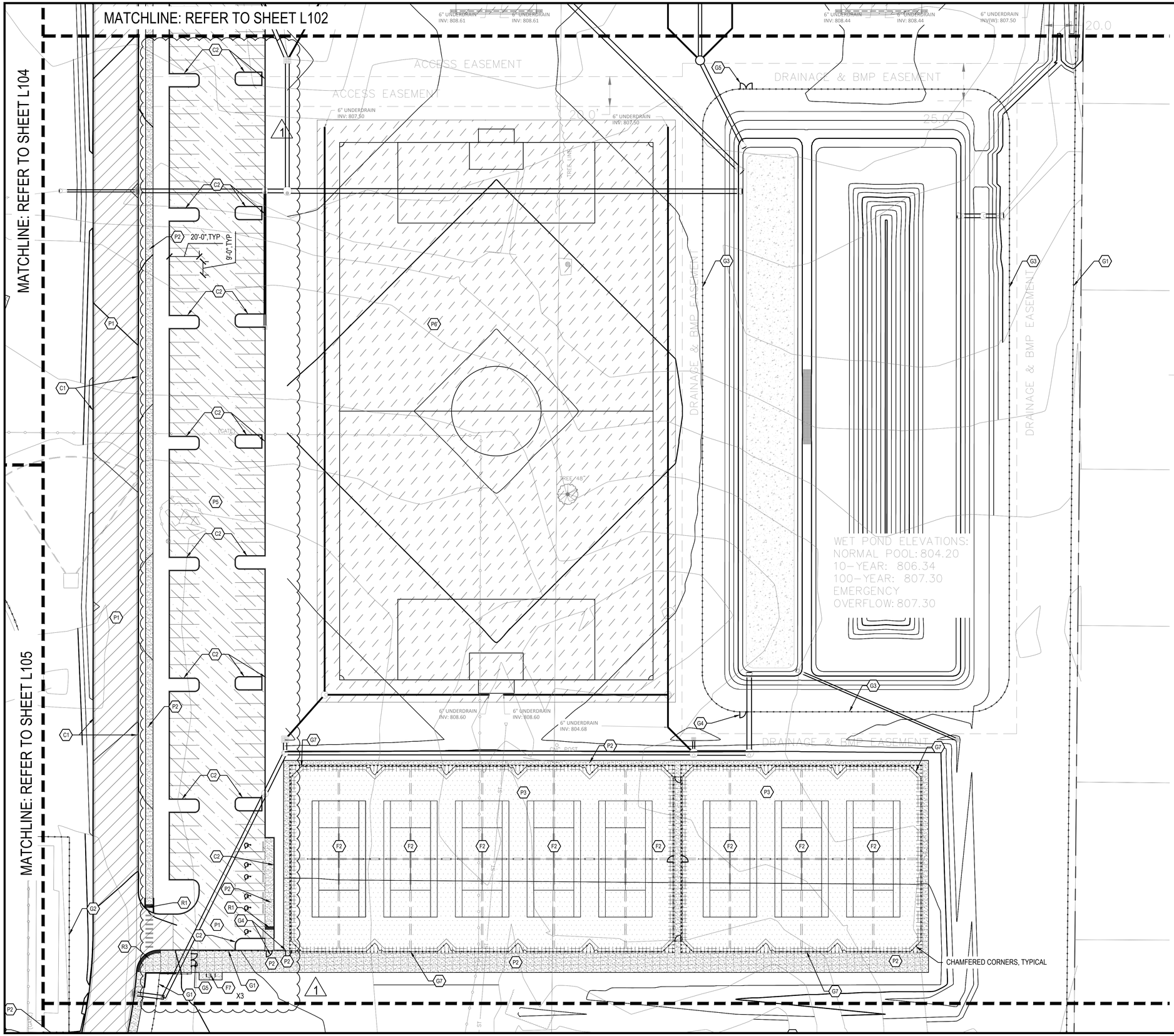
Sheet Title:
MATERIALS AND NOTES PLAN

Revision	Date	Description
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	CURB KEYNOTES
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R3	CORNER RAMP

0 15' 30' 60'
Scale 1" = 30'-0"

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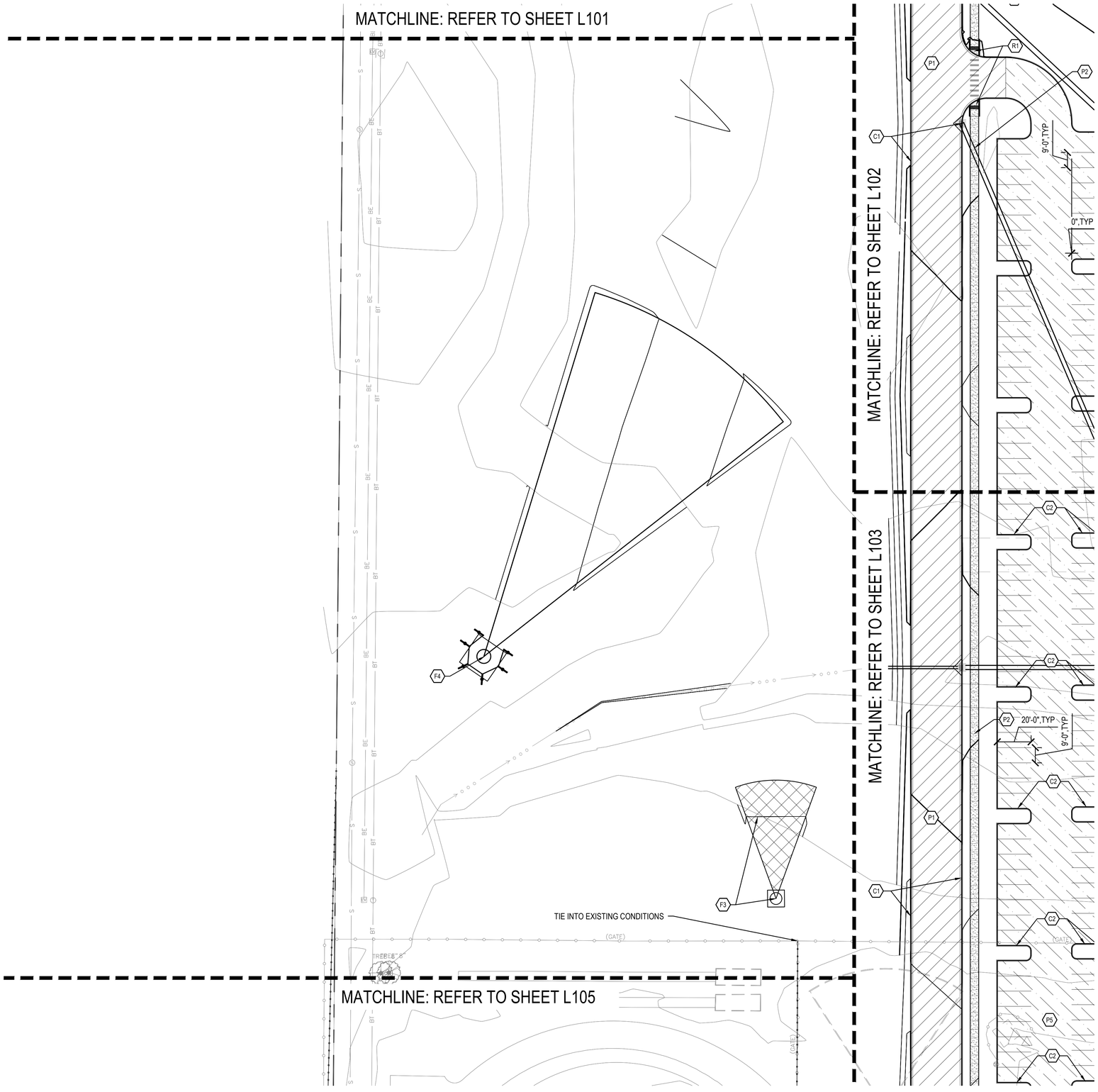
Sheet Title:
MATERIALS AND NOTES PLAN

Revision	Date	Description
1	2024-02-12	ADDENDUM #1

Date:	2024/01/26
Project No:	22-1613
Drawn by:	AY
Checked by:	FJP

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	CURB KEYNOTES
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R3	CORNER RAMP

0 15' 30' 60'

Scale 1" = 30'-0"

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Sheet Title:
MATERIALS AND NOTES PLAN

Revision	Date	Description
1	2024-02-12	ADDENDUM #1

Date:	2024/01/26
Project No:	22-1613
Drawn by:	AY
Checked by:	FJP

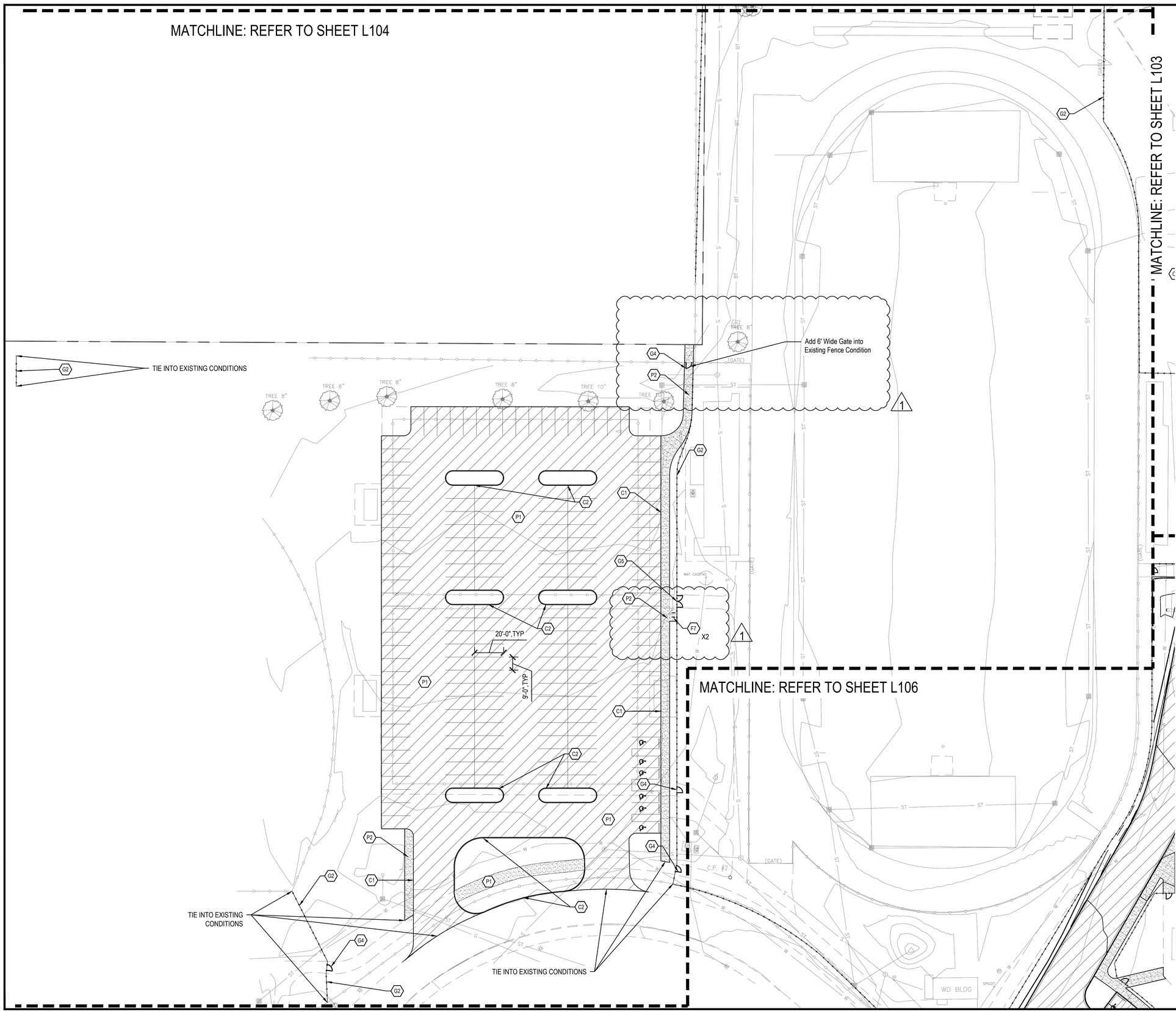
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Sheet No:
L104

MATCHLINE: REFER TO SHEET L104

MATCHLINE: REFER TO SHEET L103

MATCHLINE: REFER TO SHEET L106



	CURB KEYNOTES
KEY	DESCRIPTION / REFERENCE
C1	CURB AND GUTTER REFER TO SITE DETAIL 9/L600
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SITE IMPROVEMENTS

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Sheet Title:

MATERIALS AND NOTES PLAN

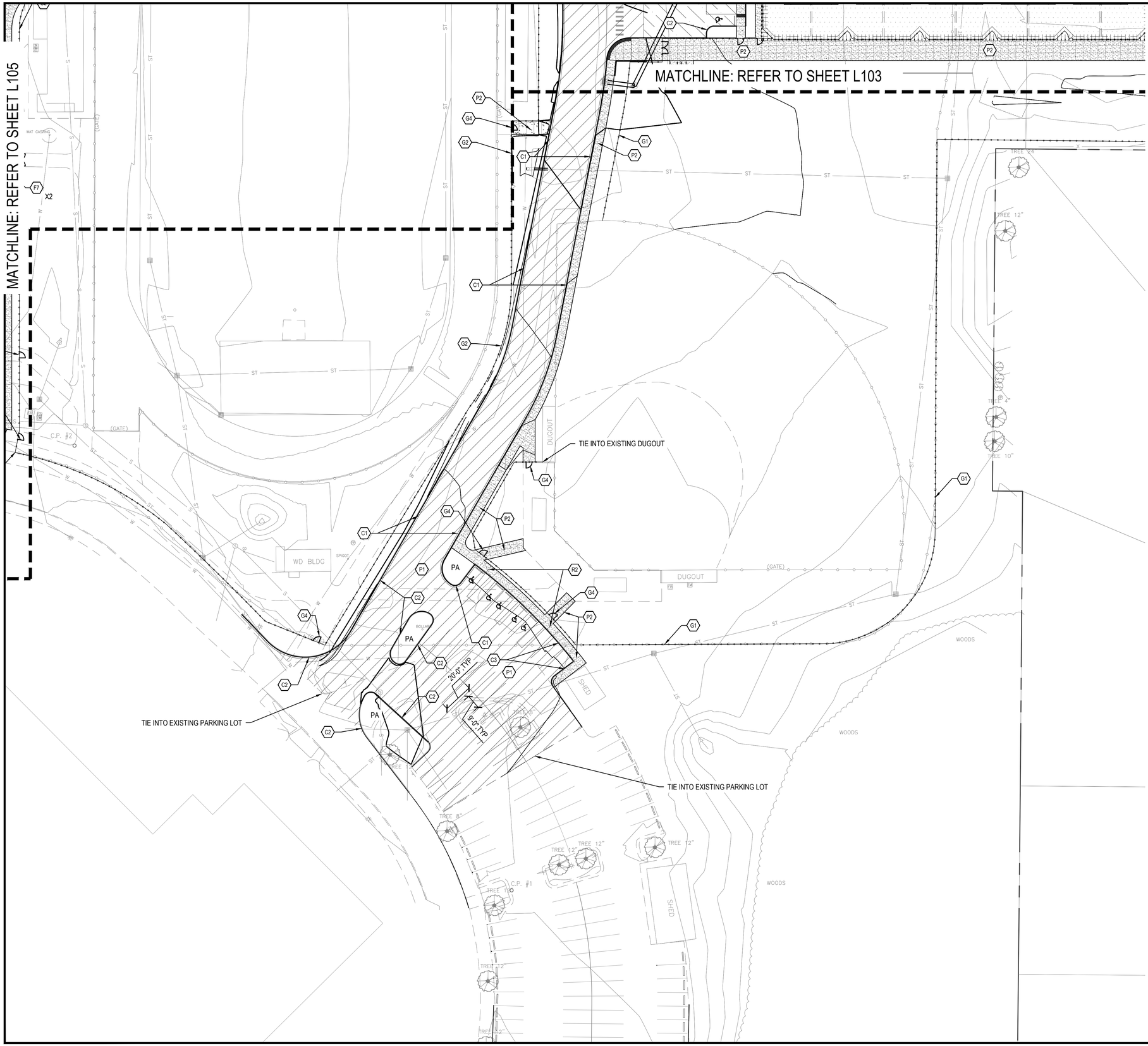
Revision	Date	Description
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Certified by:

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EXPIRES 12-31-2025

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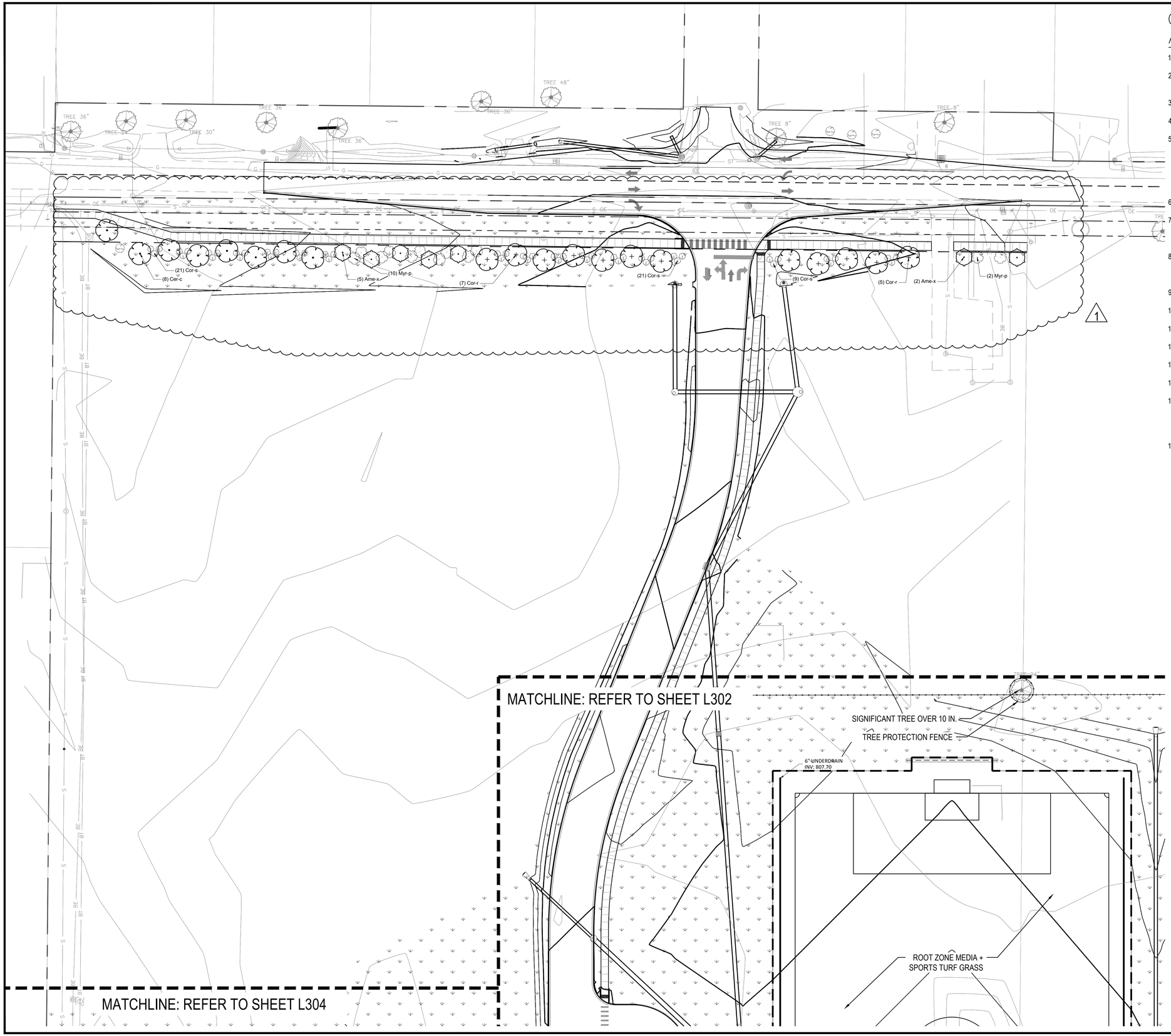
Sheet Title:
MATERIALS AND NOTES PLAN

Revision	Date	Description
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Sheet No:
L106



GENERAL LANDSCAPE AND PLANTING NOTES

1. Refer to Project Manual for Planting Specifications and Topsoil requirements. Refer to Plant Schedule and Planting Details for additional information.
2. All materials are subject to the approval of the Landscape Architect and Owner at any time. Landscape Architect to inspect all plant locations and plant bed conditions prior to installation. On-site adjustments may be required.
3. Rootballs shall meet or exceed size standards as set forth in 'American Standards for Nursery Stock'. MAIN LEADERS OF ALL TREES SHALL REMAIN INTACT.
4. Remove from the site any plant material that turns brown or defoliates within five (5) days after planting. Replace immediately with approved, specified material.
5. Plant counts indicated on drawings are for Landscape Architect's use only. Contractor shall make own plant quantity takeoffs using drawings, specifications, and plant schedule requirements (i.e., spacing), unless otherwise directed by Landscape Architect. Contractor to verify bed measurements and install appropriate quantities as governed by plant spacing per schedule. Plant material quantities shown on plan are minimum quantities. Additional material may be needed to meet spacing requirements and field conditions.
6. Seed all areas disturbed by construction activities that are not otherwise noted to receive pavement, planting bed, or sod treatment.
7. The Contractor shall install and/or amend topsoil in all proposed bed areas to meet Specifications. Contractor shall coordinate quantity and placement of topsoil. Landscaper shall verify depth of topsoil prior to plant installation. (Refer to specifications for topsoil source and placement requirements)
8. All tree locations shall be marked with 2x2" stakes prior to planting for review and approval by the Landscape Architect. Any plant material installed in an incorrect location, by the judgment of the Landscape Architect, shall be reinstalled at the Contractor's expense.
9. All plant beds shall receive 3" minimum of shredded hardwood bark mulch (unless otherwise noted).
10. Verify all utility locations in the field prior to beginning work. Repair all damaged utilities to Owner's satisfaction at no additional cost.
11. The Contractor shall maintain all plant material and lawns until the project is fully accepted by the Landscape Architect, unless otherwise noted.
12. All workmanship and materials shall be guaranteed by the Contractor for a period of one calendar year after Final Acceptance.
13. Install all plant material in accordance with all local codes and ordinances. Coordinate with the Owner to obtain any required permits necessary to complete work.
14. Contractor shall test all tree pits for drainage. Any tree pit that holds water for more than 24 hours shall be installed using tree pit drainage.
15. Tree Protection Fencing is the responsibility of the Contractor. Minimum protected area shall include the full drip line of the canopy. NO construction activities, material storage, etc. may occur within that area. The Contractor shall ensure that no soil compaction or tree damage occurs in any Protected areas, at any time during the construction process.
16. Trees shall be matched in groups unless otherwise noted.

ORDINANCE COMPLIANCE CHART

FRANKLIN CENTRAL JUNIOR HIGH SCHOOL

ZONING: SU2
EAST: D5
WEST: D4
NORTH: D2
SOUTH: N/A

SEC. 744-504 - STREET FRONTAGE AND FRONT YARD LANDSCAPING

Requirement: The front yard shall be landscaped with at least one shade tree per 35 feet of street frontage. If overhead electric distribution lines are present, ornamental trees with a maximum mature height of 15 feet shall be planted and the number of trees planted shall be at least one ornamental tree per 20 feet of street frontage. Metro Context Area : 10' along entire frontage. Landscaped area within 20 feet of overhead electric distribution lines = 1 ornamental tree with a maximum mature height of 15 feet per 20 feet of street frontage. Without a screening wall or fence = 3 large shrubs per 25 feet of street frontage

Required: 525 l.f. / 20 = (27) ornamental trees ; (525 l.f. / 25) = 21 x 3 = (63) large shrubs in 10' along entire frontage.
Provided: (27) ornamental trees; (63) large shrubs in 10' along entire frontage, set south of sidewalk due to underground utilities.

SEC. 744-505 - PARKING LOTS LANDSCAPING

Interior:
Requirement: Provide 6% of all uncovered vehicle areas for development occurring on land in which 75% or more of the land area was previously developed for purposes other than residential or agricultural. 1 shade tree per 180 square feet of interior landscaping area.

WEST PARKING LOT
Required: 58,439 sf x 6% = 3,506 sf / 180sf = (19) shade trees
Provided: 3,780 sf = (19) shade trees

SOUTH PARKING LOT
Required: 15,322 sf added parking lot area x 6% = 919 sf /180sf = (5) shade trees
Provided: (5) shade trees

SOCCER PARKING LOT
Required: 54,515 sf added parking lot area x 6% = 3,271 sf /180sf = (18) shade trees
Provided: 3,640 sf = (18) shade trees

SEC. 744-506 - TRANSITIONAL YARD AND EDGE BUFFERING

Interior East Side:
Requirement: Option 1. A landscape buffer area at least 15 feet wide shall be provided by the commercial or institutional project along the shared border. The buffer area shall consist of natural landscape materials such as grasses, ground cover, shrubs, and trees, and shall not contain impervious surfaces. One shade or evergreen tree shall be provided for every 30 linear feet of lot line and three large shrubs per 25 linear feet of lot line, with spacing designed to minimize sound, light, and noise impacts on dwelling uses.
Required: 1218 l.f. = 41 Shade Trees + 146 small shrubs
Provided: 41 Shade Trees + 146 small shrubs

Interior West Side:
Requirement: Option 2. An opaque wall, berm, fence or dense (at least 75% opacity) vegetative screen at least 6 feet tall shall be provided with one shade tree provided for every 50 linear feet of lot line. If a fence or wall is provided, the side facing away from the commercial or institutional use shall be at least as finished in appearance as the side facing the commercial or institutional use, the fence or wall shall be placed at least 3 feet inside the property line, and 3 small shrubs per 25 linear feet of lot line shall be provided between the fence and the property line. If a vegetative screen is proposed, it shall be at least 6 ft. in height at the time of planting.
Required: 520 l.f. = 10 shade trees
Provided: 0 shade trees; requirement not met due to open space on west side, nothing to screen

North

0 15' 30' 60'

Scale 1" = 30'-0"

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Certified by:

REGISTERED LANDSCAPE ARCHITECT
FJP
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STATE OF INDIANA
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BID DOCUMENTS
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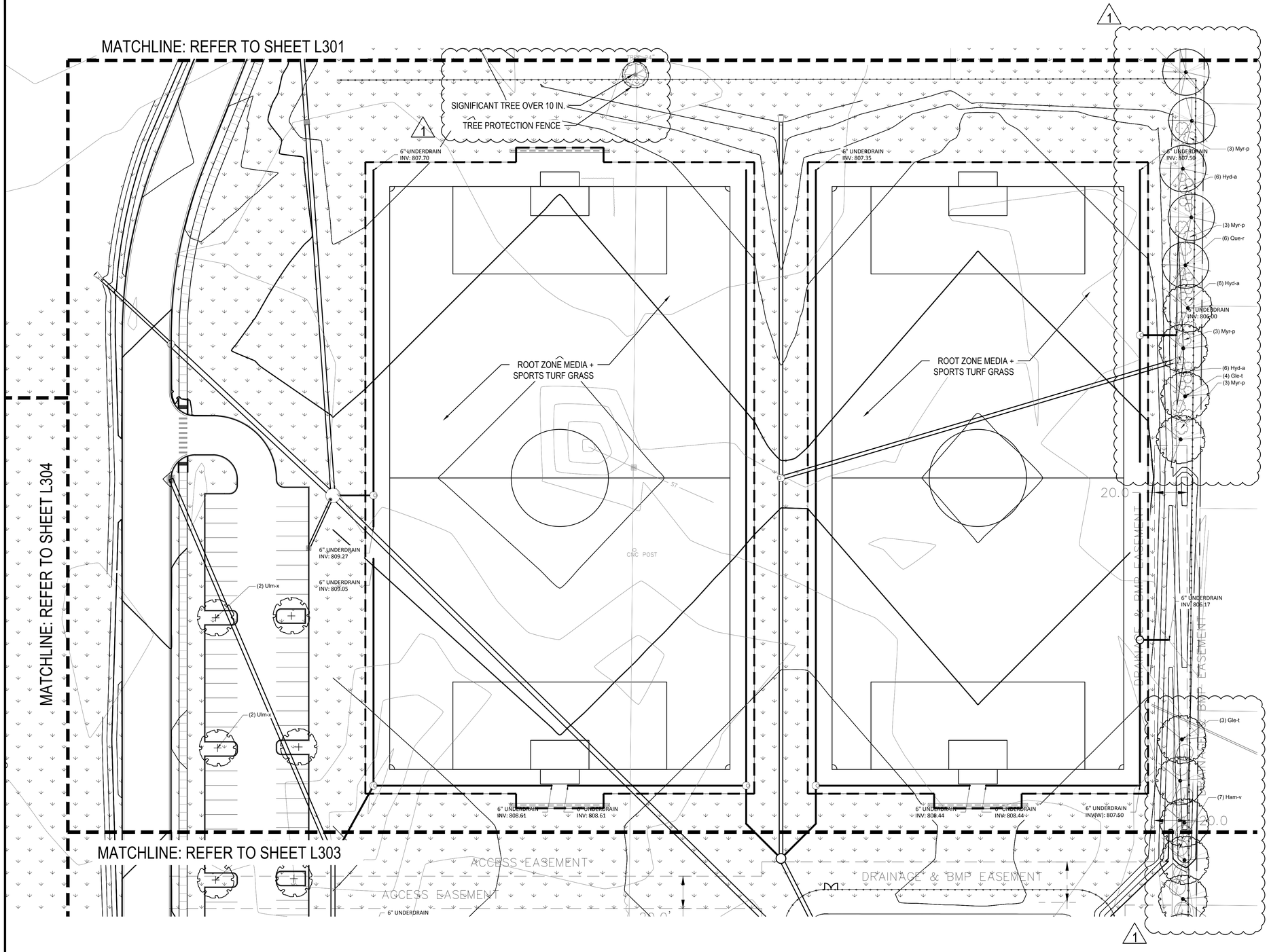
Sheet Title:
PLANTING PLAN

Revision	Date	Description
1	2024-02-12	ADDENDUM #1

Date:	2024/01/26
Project No:	22-1613
Drawn by:	AY
Checked by:	FJP

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Sheet No:
L301



GENERAL LANDSCAPE AND PLANTING NOTES

1. Refer to Project Manual for Planting Specifications and Topsoil requirements. Refer to Plant Schedule and Planting Details for additional information.
2. All materials are subject to the approval of the Landscape Architect and Owner at any time. Landscape Architect to inspect all plant locations and plant bed conditions prior to installation. On-site adjustments may be required.
3. Rootballs shall meet or exceed size standards as set forth in 'American Standards for Nursery Stock'. MAIN LEADERS OF ALL TREES SHALL REMAIN INTACT.
4. Remove from the site any plant material that turns brown or defoliates within five (5) days after planting. Replace immediately with approved, specified material.
5. Plant counts indicated on drawings are for Landscape Architect's use only. Contractor shall make own plant quantity takeoffs using drawings, specifications, and plant schedule requirements (i.e., spacing), unless otherwise directed by Landscape Architect. Contractor to verify bed measurements and install appropriate quantities as governed by plant spacing per schedule. Plant material quantities shown on plan are minimum quantities. Additional material may be needed to meet spacing requirements and field conditions.
6. Seed all areas disturbed by construction activities that are not otherwise noted to receive pavement, planting bed, or sod treatment.
7. The Contractor shall install and/or amend topsoil in all proposed bed areas to meet Specifications. Contractor shall coordinate quantity and placement of topsoil. Landscaper shall verify depth of topsoil prior to plant installation. (Refer to specifications for topsoil source and placement requirements)
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ORDINANCE COMPLIANCE CHART

FRANKLIN CENTRAL JUNIOR HIGH SCHOOL

ZONING: SU2
EAST: D5
WEST: D4
NORTH: D2
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SEC. 744-504 - STREET FRONTAGE AND FRONT YARD LANDSCAPING

Requirement: The front yard shall be landscaped with at least one shade tree per 35 feet of street frontage. If overhead electric distribution lines are present, ornamental trees with a maximum mature height of 15 feet shall be planted and the number of trees planted shall be at least one ornamental tree per 20 feet of street frontage. Metro Context Area : 10' along entire frontage. Landscaped area within 20 feet of overhead electric distribution lines = 1 ornamental tree with a maximum mature height of 15 feet per 20 feet of street frontage. Without a screening wall or fence = 3 large shrubs per 25 feet of street frontage

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Required: 15,322 sf added parking lot area x 6% = 919 sf /180sf = (5) shade trees
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Required: 1218 l.f. = 41 Shade Trees + 146 small shrubs
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Required: 520 l.f. = 10 shade trees
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North

0 15' 30' 60'

Scale 1" = 30'-0"

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317-485-6900 | www.context-design.com

Certified by:

FRANCIS J. PRIZEL REGISTERED No. 2020-0052 STATE OF INDIANA LANDSCAPE ARCHITECT
EXPIRES 12-31-2025

BID DOCUMENTS
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SITE IMPROVEMENTS
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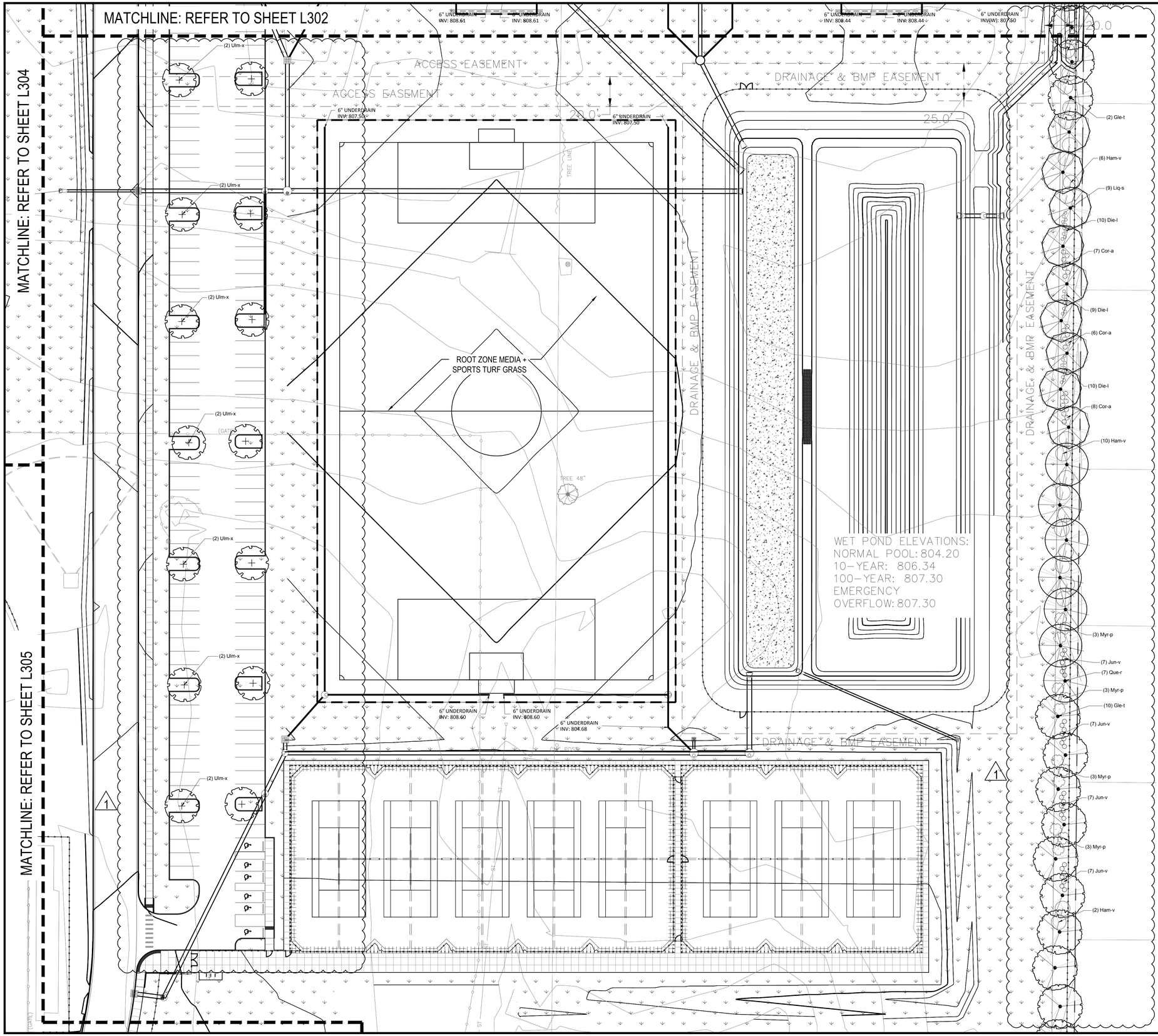
Sheet Title:
PLANTING PLAN

Revision	Date	Description
1	2024-02-12	ADDENDUM #1

Date:	2024/01/26
Project No:	22-1613
Drawn by:	AY
Checked by:	FJP

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Sheet No:
L302



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ORDINANCE COMPLIANCE CHART
FRANKLIN CENTRAL JUNIOR HIGH SCHOOL

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Required: 520 l.f. = 10 shade trees
Provided: 0 shade trees; requirement not met due to open space on west side, nothing to screen

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Certified by:

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No. 2020-0052
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SITE IMPROVEMENTS
10440 Indian Creek S Rd, Indianapolis, IN 46239

Sheet Title:
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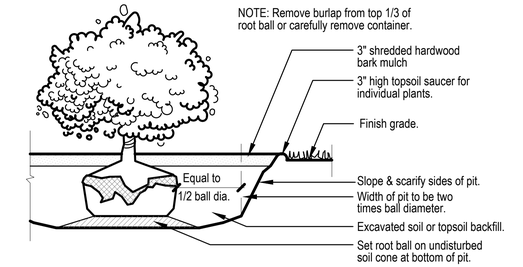
Date:	2024/01/26
Project No:	22-1613
Drawn by:	AY
Checked by:	FJP

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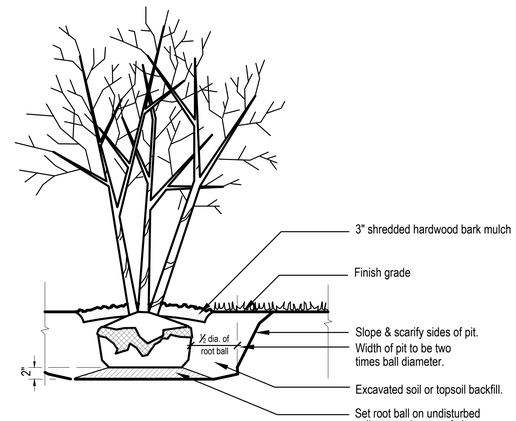
Sheet No:
L303

PLANT SCHEDULE

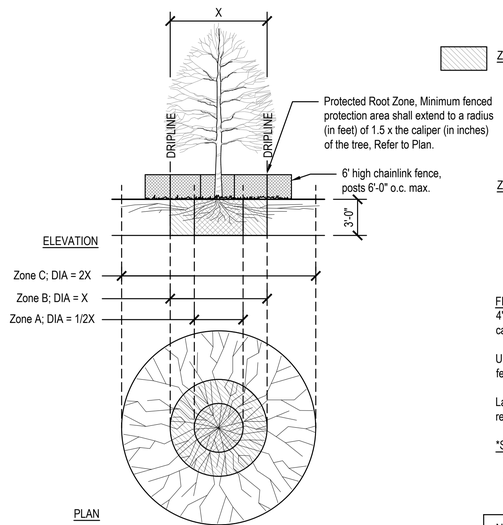
CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	REMARKS
LARGE TREES						
Gle-t	19	Gleditsia triacanthos inermis `Skycole`	Skyline Thornless Honeylocust	B & B	2"Cal	full, strong central leader, matched
Liq-s	9	Liquidambar styraciflua	American Sweet Gum	B & B	2"Cal	full, strong central leader, matched
Que-r	13	Quercus rubra	Red Oak	B & B	2"Cal	spring dug, full, strong central leader, matched
Til-a	9	Tilia americana `Boulevard`	Boulevard Linden	B & B	2"Cal	full, strong central leader, matched
Ulm-x	33	Ulmus x `Frontier`	American Elm	B & B	2"Cal	full, strong central leader, matched
TOTAL: 83						
MEDIUM TREES						
Ame-x	7	Amelanchier x grandiflora `Autumn Brilliance`	Autumn Brilliance Serviceberry	B & B	8` ht.	multi-trunk; matched
Cer-c	8	Cercis canadensis	Eastern Redbud	B & B	8` ht.	multi-trunk, matched
Cor-r	12	Cornus florida rubra	Pink Flowering Dogwood	B & B	2"Cal	full, strong central leader, matched
TOTAL: 27						
CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	HEIGHT	REMARKS
LARGE SHRUBS						
Cor-s	51	Cornus sericea `Cardinal`	Cardinal Red-twig Dogwood	container	24"	space @ 4`-0" o.c.
Cor-a	21	Cornus stolonifera `Farrow`	Arctic Fire Dogwood	container	24"	space @ 3`-0" o.c.
Die-l	29	Diervilla lonicera `Michigan Sunset`	MIchigan Sunset Northern Bush Honeysuckle	container	24"	space @ 2`-0" o.c.
Ham-v	26	Hamamelis virginiana	Common Witch Hazel	container	36"	space @ 10`-0" o.c.
Hyd-a	18	Hydrangea arborescens `Abetwo`	Incrediball Hydrangea	container	24"	space @ 5`-0" o.c.
Jun-v	28	Juniperus virginiana `Grey Owl`	Grey Owl Juniper	container	18" spread	space @ 3`-0" o.c., allow to mass
Myr-p	36	Myrica pensylvanica	Northern Bayberry	container	24"	space @ 8`-0" o.c., allow to mass
TOTAL: 209						



3 SHRUB PLANTING
Not to Scale



2 MULTI-STEM TREE PLANTING
Not to Scale



TRENCHING/EXCAVATION

Should Work be Required within the Protected Root Zone, the Following Shall be Minimally Coordinated in the Field with the Landscape Architect prior to Construction.

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 (Protected Root Zone) if possible.

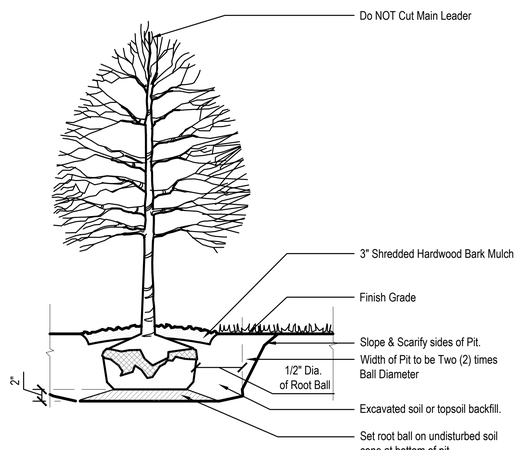
Upon Landscape Architect's approval, a plywood box (8' minimum height) may be used where fencing cannot be achieved.

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

NOTE:
1. Refer to Tree Preservation specification 01-56-39.
2. Contractor may submit alternate methods of tree protection to Landscape Architect for Consideration Prior to Construction.

4 TREE & ROOT PROTECTION
Not To Scale



1 TREE PLANTING
Not to Scale

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Sheet Title:
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Sheet No:
L310