

DATE:	10/11/2022	CO #:	Three (03)
TO:	Trace Creek Construction, Inc. PO Box 539 Vanceburg, KY 41179	PROJECT:	Mercer County Board of Education 530 Perryville Street Harrodsburg, KY 40330 RTA 2203 BG 22-282
CONTRACT DATE:	July 20, 2022	CONTRACT FOR:	General Construction

THE CONTRACT IS CHANGED AS FOLLOWS:
(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives.)

1. Proposal Request #6 Breakers: \$2,415.00
2. Proposal Request #7 Ramp removal: \$0

TOTAL AMOUNT OF THIS CHANGE ORDER: \$2,415.00

The original Contract Sum was	\$4,584,687.10
The net change by previously authorized Change Orders	(\$94,378.78)
The Contract Sum prior to this Change Order was	\$4,490,308.32
The Contract Sum will be increased by this Change Order in the amount of	\$2,415.00
The new Contract Sum including this Change Order will be	\$4,492,723.32
The Contract Time will be increased by	0 days
The Date of Substantial Completion as of the date of this Change Order is therefore	Phased Completion

NOTE: This Change Order does not include changes in the Contract Sum, Contract Time or Guaranteed Maximum Price which have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

Rosstarrant Architects, Inc.
101 Old Lafayette Avenue
Lexington, Kentucky 40502

Trace Creek Construction, Inc.
PO Box 539
Vanceburg, KY 41179

Mercer County Board of
Education
530 Perryville Street
Harrodsburg, KY 40330

ARCHITECT *(Firm name and address)*
CONTRACTOR *(Firm name and address)*
OWNER *(Firm name and address)*


BY *(Signature)*


BY *(Signature)*

BY *(Signature)*

Beth Bauer
(Typed or printed name)

Gus Bartley
(Typed or printed name)

(Typed or printed name)

10/12/2022
DATE

10-13-22
DATE

DATE

FACPAC Contract Change Order Supplemental Information Form (Ref# 56933)

Form Status: Saved

Tier 2 Project: Athletics Project

BG Number: 22-282

Status: Active

District: Mercer County (HB678)

Phase: Project Initiation (View Checklist)

Contract: Trace Creek Construction, 0001, General Contractor

Type: General Contractor

Proposed

Change Order Number	3
Time Extension Required	No
Date Of Change Order	10/11/2022
Change Order Amount To Date	Increase

Construction Contingency

Calculations below are project wide. Remaining negative Construction Contingency may require the submission of a revised BG1.

Current Approved Amount	\$307,734.00
Net Approved COs	\$-94,378.78
Remaining After Approved COs	\$402,112.78
Net All COs	\$-91,963.78
Remaining After All COs	\$399,697.78

This Requested Change Order Amount \$2,415.00

+/-

Change In A/E Fee This Change Order \$0.00

+/-

Change In CM Fee This Change Order

+/-

Remaining Construction Contingency \$399,697.78

Balance

Contract Change Requested By Architect/Engineer; General Contractor; Local Board of Education

Contract Change Reason Code Expansion of Scope; Improved Plans/Specs

Change Order Description And Justification

1. Proposal Request #6 Breakers: \$2,415.00

2. Proposal Request #7 Ramp removal: \$0

Cost Benefit To Owner

Proposal Requests #6 and #7 are value added to the project. Pricing has been reviewed and is acceptable.

Contract unit prices have been utilized No
to support the cost associated with this
change order.

Detailed Cost Breakdown

Contract unit prices have not been utilized, provide a detailed cost breakdown which separates labor, material, profit and overhead.

Detail Item	Amount	Percent of Total
Labor	\$300.00	12.42%
Materials	\$1,800.00	74.53%
Profit and Overhead	\$315.00	13.04%
Bond Insurance		0.00%
Cost Breakdown Total:	\$2,415.00	
Cost for this Change Order supported by an alternate bid or competitive price quote	No	
Explain Why		

**Change Order Supplemental Information Form Signature
Page (Online Form Ref# 56933)**



Architect

10/12/2022

Date

n/a

Construction Manager

—
Date

Finance Officer

Date

Local Board of Education Designee

Date

DATE:	July 26, 2022	PR #:	Six (06)
TO:	Trace Creek Construction, Inc. 127 Market Street Vanceburg, KY 41179	RE:	Mercer County Athletics Improvements Harrodsburg, Kentucky RTA 2203 BG 22-282

Please submit an itemized quotation for changes in the Contract Sum and/or Time incidental to proposed modifications to the Contract Documents described therein.

THIS IS NOT A CHANGE ORDER NOR A DIRECTION TO PROCEED WITH THE WORK DESCRIBED HEREIN.

DESCRIPTION:

Please provide pricing for labor and material for the following:

Refer to attached pdf from CMTA. Add (4) 30 amp breakers to panel SB2.

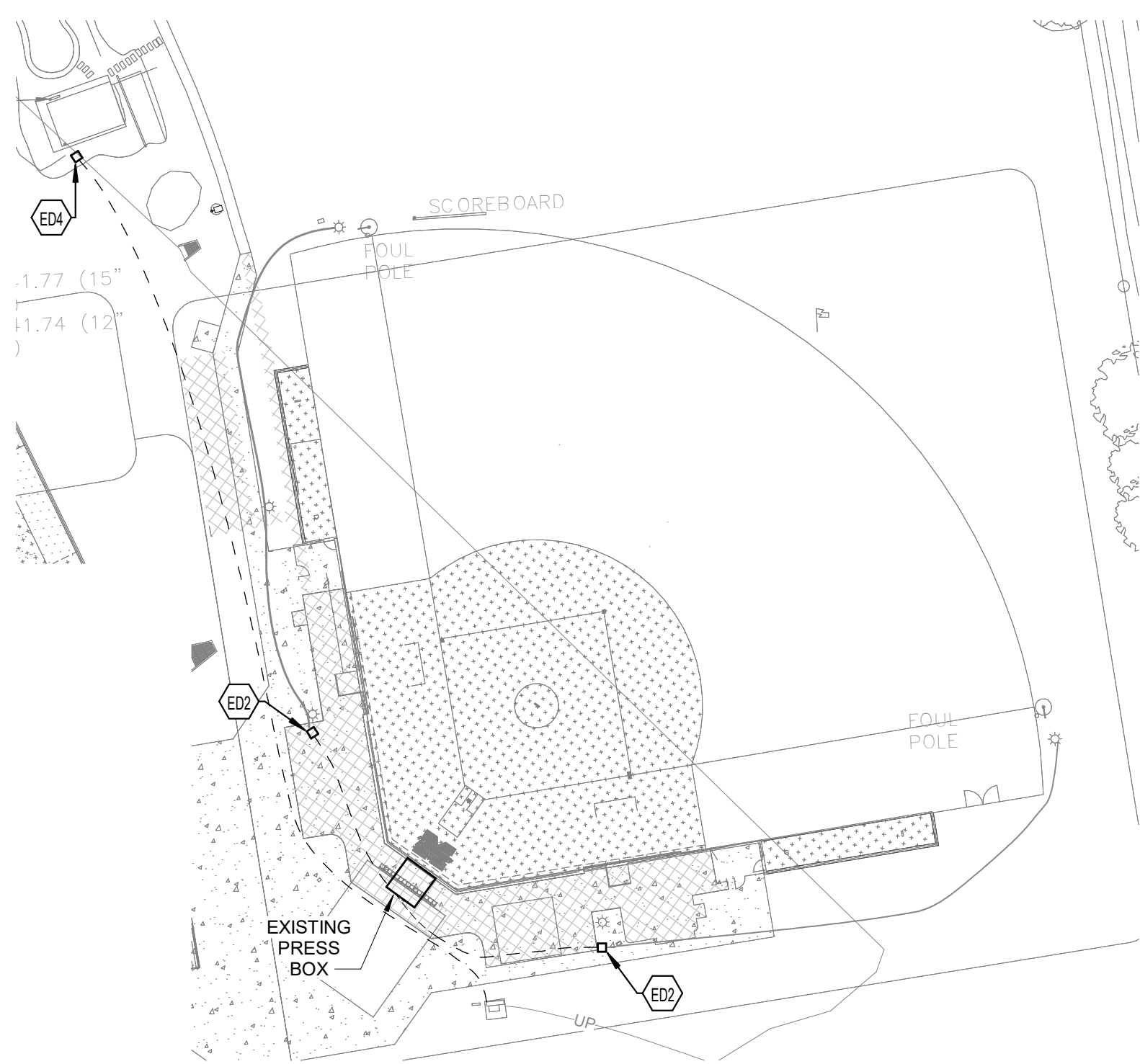
ATTACHMENTS:

PR #6.pdf

BY:	Beth Bauer, AIA, LEED AP	c:	Laith Ross, PE, LEED AP Suzanne Irwin, AIA Alex Short, Assoc. AIA File 2203-4b1 PR-06-2203
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- 1E3.0
ELECTRICAL BASEBALL
POWER/SYSTEMS PLANS
DATE ISSUED:
MAY 9, 2022



2 ELECTRICAL SITE UTILITY DEMOLITION PLAN
1" = 50'-0"

ELECTRICAL DIVISION OF RESPONSIBILITIES								
ITEM	DESCRIPTION/NOTES	CONTRACTOR			KU			
		P	I	O/M	P	I	O/M	
POLES	PER KU SPECS AND DETAILS	Y	Y	Y	Y	Y	Y	
TRANSFORMER PAD	PER KU SPECS AND DETAILS	Y	Y	Y				
METER PAD	PER KU SPECS AND DETAILS	Y	Y	Y				
PRIMARY TRENCHING	PER KU SPECS AND DETAILS	Y	Y	Y				
SECONDARY TRENCHING	PER KU SPECS AND DETAILS	Y	Y	Y				
PRIMARY BACKFILLING	PER KU SPECS AND DETAILS	Y	Y	Y				
SECONDARY BACKFILLING	PER KU SPECS AND DETAILS	Y	Y	Y				
CONDUIT	PRIMARY & SECONDARY	Y	Y	Y				
	PRIMARY ELBOWS SCH 80 PVC (3" RADIUS)	Y	Y	Y				
	SECONDARY ELBOWS SCH 80 PVC (3" RADIUS)	Y	Y	Y				
CONDUCTORS	METER 1/2" RGS OR SCH 80 PVC	Y	Y	Y				
	PRIMARY UNDERGROUND/AERIAL				Y	Y	Y	
	SECONDARY UNDERGROUND TO CT CABINET				Y	Y	Y	
CONNECTORS	SECONDARY FROM CT CABINET TO PANELS	Y	Y	Y				
	SECONDARY	Y	Y	Y	Y	Y	Y	
	BOLT AT TRANSFORMER	Y	Y	Y	Y	Y	Y	
METERING	METER BASE	Y	Y	Y	Y	Y	Y	
	CT CABINET	Y	Y	Y				
	UNISTRUT STRUCTURE	Y	Y	Y				
PRIMARY PULL BOX	CTS & PT'S AT CT CABINET				Y	Y	Y	
	METER CONDUCTORS				Y	Y	Y	
	PRIMARY PULL BOX				Y	Y	Y	
GROUNDS	NEUTRAL	Y	Y	Y				
	METER BASE	Y	Y	Y				
KEY: P=PROVIDE I=INSTALL O/M=OWN & MAINTAIN Y=YES								
GENERAL NOTES: 1. THE CONTRACTOR SHALL COORDINATE ALL WORK WITH KENTUCKY UTILITIES. 2. THE TRANSFORMER SHALL MAINTAIN A MINIMUM OF 8'-0" CLEARANCE ON ALL SIDES AND A MINIMUM OF 10'-0" CLEARANCE AT DOOR								

TAGGED NOTES

- ED2 DEMOLISH SOFTBALL SPORTS LIGHTING WIRING AND CONDUIT BACK TO THIS LOCATION. ADD A NEW 3" X 3" HAND-HOLE AND TERMINATE EXISTING SPORTS LIGHTING CONNECTIONS AT THIS LOCATION.
- ED4 DEMOLISH GOLF BUILDING ELECTRICAL CONNECTION WIRING AND CONDUIT BACK TO THIS LOCATION. ADD A NEW 3X3 HAND-HOLE AND TERMINATE EXISTING GOLF BUILDING ELECTRICAL CONNECTIONS TO THIS LOCATION.
- UE1 GRINDER PUMP SYSTEM CONNECTION POINT.
- UE2 ELECTRICAL HANDHOLE. REFER TO DETAIL ON SHEET 1UE2.0.
- UE3 UNDERGROUND ELECTRICAL TO SPORTS LIGHTING.
- UE4 PROVIDE 2" 1" C FOR FUTURE IRRIGATION SYSTEM CONTROL CONNECTION.
- UE5 EXISTING UNDERGROUND PRIMARY ELECTRICAL SERVICE.
- UE6 100A UNDERGROUND ELECTRICAL FEED TO GOLF BUILDING.
- UE7 CONNECT NEW CONDUCTORS TO EXISTING CONDUCTORS IN HAND HOLE FOR SPORTS LIGHTING.

ELECTRICAL SITE NOTES

- A DO NOT SCALE FROM MECHANICAL AND ELECTRICAL DRAWINGS. FIELD VERIFY REQUIRED DIMENSIONS AND COORDINATE WITH CIVIL DRAWINGS AND SURVEYS.
- B REFER ALSO TO ALL OTHER PLANS AND THE SPECIFICATION, BUT ESPECIALLY TO: THE SITE SURVEY, THE ARCHITECTURAL SITE PLAN, THE SITE GRADING PLAN (WHERE AVAILABLE), FOUNDATION PLAN(S), APPROPRIATE MECHANICAL & ELECTRICAL FLOOR PLANS FOR SERVICE CONTINUATIONS, THE SITE UTILITY PLAN - MECHANICAL & ELECTRICAL. WHERE THERE ARE CONFLICTS AMONG THESE PLANS AND/OR RELATED SPECIFICATIONS, ADVISE THESE ENGINEERS AT LEAST TEN DAYS PRIOR TO SUBMISSION OF BIDS.
- C ALL FEES AND ANY OTHER COSTS TO UTILITY COMPANIES, MUNICIPALITIES, INSPECTORS, REVIEWING AGENCIES, ETC. ARE TO BE INCLUDED AS PART OF THIS CONTRACT.
- D FEDERAL, STATE, LOCAL, MUNICIPALITY AND UTILITY COMPANY CODES, RULES, REGULATIONS AND REQUIREMENTS APPLY UNLESS EXCEEDED BY THIS DESIGN.
- E WHEN INTERRUPTION OF AN EXISTING UTILITY OR SERVICE IS PLANNED OR OCCURS ACCIDENTALLY, THE CONTRACTOR(S) SHALL WORK CONTINUOUSLY AS NEEDED TO RESTORE SAME PROVIDING PREMIUM TIME AS NEEDED AT NO INCREASE IN THE CONTRACT PRICE.
- F LOCATIONS, DEPTHS, MATERIAL TYPES, ELEVATIONS, ETC. OF ALL APPURTENANCES, LINES, BUILDINGS, ETC. INDICATED ON THESE DRAWINGS WERE TAKEN FROM VARIOUS SOURCES, ARE DIAGRAMMATIC ONLY AND ARE SUBJECT TO SUBSTANTIAL VARIATION FROM EXISTING CONDITIONS. EXISTING UTILITIES LOCATIONS MAY VARY. CONSEQUENTLY ALL CONTRACTORS SHALL EXERCISE EXTREME CARE IN THE COURSE OF THEIR WORK SO AS TO ENSURE THAT THEY DO NOT INTERRUPT ANY EXISTING SERVICE. FOR SAFETY PURPOSES, PAY PARTICULAR ATTENTION TO THIS PRECAUTION RELATIVE TO NATURAL GAS AND ELECTRICAL LINES. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL FEDERAL, STATE, AND/OR LOCAL RULES, REGULATIONS, STANDARDS AND SAFETY REQUIREMENTS.
- G PROVIDE LONG RADIUS ELBOWS FOR UNDERGROUND CONDUIT BENDS. WHERE SERVING A UTILITY OWNED TRANSFORMER, THE UTILITY STANDARDS SHALL TAKE PRECEDENCE.
- H UTILITIES SHALL BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE MUNICIPALITY OR UTILITY COMPANY STANDARDS. IN ALL CASES, THE MOST STRINGENT REQUIREMENT SHALL APPLY. IF ANY VARIATION OCCURS, CONSULT THE ENGINEER. CONTRACTOR SHALL VISIT THE SITE AND FIELD VERIFY THE ROUTING OF ALL UTILITIES NEW AND EXISTING PRIOR TO SUBMISSION OF BIDS. SUBMISSION OF A BID PROPOSAL INDICATES THAT THE CONTRACTOR IS FULLY AWARE OF ALL OBSTRUCTIONS AND WILL INSTALL ALL OF THE NEW UTILITIES WITHOUT REQUESTS FOR ANY ADDITIONAL CHANGES.
- I PROVIDE GALVANIZED RIGID CONDUIT FOR EXTERIOR UNDERGROUND TRANSITIONS TO ABOVE GRADE; EXTEND CONDUIT A MINIMUM OF 6" ABOVE GRADE.
- J CONTRACTOR SHALL PERFORM A SMOKE TEST ON ALL CONDUITS INSTALLED ON SITE AND SHALL TAKE ALL NECESSARY CORRECTIVE ACTION IF NOT FOUND IN COMPLIANCE WITH FACILITY STANDARDS.
- K CONTRACTOR SHALL CONTACT ENGINEER FOR INSPECTION OF TRENCHES PRIOR TO INSTALLATION OF CONDUITS OR RACEWAYS. PROVIDE PHOTOS UPON REQUEST.
- L CONTRACTOR SHALL CUT AND PATCH ALL PAVEMENT, CURBING, ETC. AS REQUIRED FOR WORK. CONTRACTOR SHALL REPAIR ALL LANDSCAPING THAT IS DAMAGED FOR WORK. FINISH GRADE, SEED AND STRAW ALL DISTURBED GREEN SPACES. ALL PATCH AND REPAIR WORK SHALL BE IN ACCORDANCE WITH BOTH CIVIL AND LANDSCAPE DRAWINGS AND SPECIFICATIONS.
- M COORDINATE UNDERGROUND ELECTRICAL WITH ALL LANDSCAPING AND FENCING, ADJUST ELECTRICAL LINES TO AVOID CONFLICTS. REFER TO LANDSCAPING PLANS FOR FURTHER INFORMATION. AVOID ROUTING UNDERGROUND CONDUITS UNDER ROADWAYS OR PARKING LOTS, CROSS ROADWAYS WITH UNDERGROUND CONDUITS AT 90 DEGREES WHERE POSSIBLE.
- N PLANNED INTERRUPTION OF ANY SERVICE SHALL BE COORDINATED WITH THE APPROPRIATE MUNICIPALITY OR UTILITY COMPANY, THE ARCHITECT, AND THE BUILDING OPERATORS AT LEAST ONE WEEK IN ADVANCE OF ANTICIPATED INTERRUPTION. A SCHEDULE FOR THESE OUTAGES SHALL BE DEVELOPED AND AGREED UPON BETWEEN THE PARTIES MENTIONED TO AVOID UNNECESSARY INCONVENIENCE TO THE OWNER OR ANY AFFECTED PARTY. NOTIFY THE UTILITY COMPANY OF ANY ANTICIPATED SERVICE REQUESTS FROM THEM AT LEAST TWO WEEKS IN ADVANCE IN WRITING AND INSURE THAT THEY DO NOT DELAY WORK.
- O THE LOCATIONS OF UTILITIES SHOWN WITHIN THESE DRAWINGS ARE APPROXIMATE ONLY.
- P THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY EXCAVATION WORK REQUIRED TO LOCATE UNDERGROUND UTILITIES. THE CONTRACTOR IS ALSO REQUIRED TO NOTIFY ANY OTHER AFFECTED UTILITY OWNERS PRIOR TO DIGGING. IN THE EVENT OF ACCIDENTAL INTERRUPTION OF SERVICE, CONTRACTOR WILL IMMEDIATELY NOTIFY THE OTHER UTILITY OWNERS.
- Q THE CONTRACTOR WILL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD OTHER EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION OF THIS PROJECT. IN THE EVENT THAT SPECIAL EQUIPMENT IS REQUIRED TO WORK OVER AND AROUND THE OTHER UTILITIES, THE UTILITY WILL BE REQUIRED TO FURNISH SUCH EQUIPMENT.
- R CONTRACTOR SHALL PAY ALL TAP FEES, UTILITY COST, UTILITY CONNECTION COSTS, METER FEES, EXTENSION AND DEVELOPMENT CHARGES. REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- S THE UTILITY WILL PROVIDE STAKING DATA INCLUDING NORTHING AND EASTING DATA AS REQUIRED OR SHOWN ON DRAWINGS.
- T REATTACH ALL TAPS AND TRANSFORMERS AS TO MAINTAIN EXISTING PHASE CONNECTIONS.
- U CONTRACTOR RESPONSIBLE FOR MAINTAINING DOWNSTREAM SERVICE FROM REMOVED EQUIPMENT ON SITE. INCLUDING BUT NOT LIMITED TO SITE LIGHTING, TRANSFORMERS, ETC.
- V WHEN DEMOLITION OF AN ELECTRICAL DEVICE (OR CIRCUIT) IS INDICATED ON THE DRAWINGS: THE CONTRACTOR SHALL ENSURE THAT OTHER DEVICES OR EQUIPMENT "UPSTREAM" OR "DOWNSTREAM" ON THE CIRCUITS SHALL REMAIN IN "PRE-DEMOLITION" WORKING ORDER. "LEFT-OVER" CIRCUIT BREAKERS SHALL REMAIN, BE SWITCHED TO OFF POSITION, AND BE LABELED AS SPARES IN THEIR PANELS. PROVIDE NEW TYPEWRITTEN DIRECTORIES FOR ALL PANELS AFFECTED.
- W REMOVE ALL ASSOCIATED BACKBOXES, CONDUIT AND CONDUCTORS FOR DEVICES/FIXTURES/ETC. BEING REMOVED (BACK TO SOURCE), WHETHER INDICATED OR NOT (UON).
- X COORDINATE DISPOSAL OF ALL FIXTURES, DEVICES, ETC. (INDICATED FOR DEMOLITION) WITH OWNER. TURN OVER ITEMS REMOVED TO OWNER AT THEIR OPTION.
- Y COORDINATE WITH OTHER TRADES FOR THE REMOVAL AND/OR RELOCATION OF ELECTRICAL DEVICES AND CONNECTIONS ASSOCIATED WITH THEIR EQUIPMENT.

SITE UTILITIES LEGEND

	EXISTING, DEMOLITION, NEW WORK
	SANITARY MANHOLE
	FIRE HYDRANT
	WATER VALVE
	EXTERIOR CLEANOUT
	THRUST BLOCK
	NEW PIPING - (XXX) DENOTES SYSTEM
	PIPING TO BE DEMOLISHED - (XXX) DENOTES SYSTEM
	EXISTING PIPING - (XXX) DENOTES SYSTEM
	ABANDONED IN PLACE PIPING - (XXX) DENOTES SYSTEM
	OVERHEAD PRIMARY
	OVERHEAD SECONDARY
	OVERHEAD STREET LIGHT
	OVERHEAD TRAFFIC SIGNAL
	OVERHEAD TELECOMMUNICATIONS
	OVERHEAD FIBER OPTIC
	OVERHEAD CATV
	UNDERGROUND PRIMARY
	UNDERGROUND SECONDARY
	UNDERGROUND STREET LIGHT
	UNDERGROUND TRAFFIC SIGNAL
	UNDERGROUND TELECOMMUNICATIONS
	UNDERGROUND FIBER OPTIC
	UNDERGROUND CATV
	CHILLED WATER
	DOMESTIC WATER
	HIGH PRESSURE SUPPLY/R
	PUMPED DISCHARGE RETURN
	SANITARY SEWER
	STORM

UTILITY COMPANY CONTACTS:

POWER:	FirstName LastName	859-748-5607
KENTUCKY UTILITIES		

IT IS THE CONTRACTORS RESPONSIBILITY TO MEET ALL LOCAL ORDINANCE AND MUNICIPAL REQUIREMENTS RELATED TO UTILITY INSTALLATION, INSPECTIONS, MATERIALS, FEES, ETC.

BEFORE YOU DIG

THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL CONTACT "BUD (BEFORE YOU DIG)" AT 1-800-752-6007 TO OBTAIN UNDERGROUND UTILITY LOCATIONS PRIOR TO ANY CONSTRUCTION. ANY CONTRACTOR OR SUBCONTRACTOR PERFORMING ANY TYPE OF EXCAVATION ON THIS PROJECT SHALL CALL "BUD" TO OBTAIN AN AUTHORIZATION NUMBER.

1 ELECTRICAL SITE UTILITY PLAN
1" = 50'-0"

rostant architect

STATE OF KENTUCKY
DEPARTMENT OF REVENUE
DIVISION OF TAX SERVICES

CMTA

ELECTRICAL SITE UTILITY PLANS
MERCER COUNTY ATHLETICS IMPROVEMENTS - PHASE 1
FOR:
MERCER COUNTY BOARD OF EDUCATION
HARRODSBURG, KENTUCKY

M.E.&P. Engineer:
CMTA, Inc.
220 Lexington Green Circle
Suite 600
Lexington, KY 40503
p 859/253.0892

Structural Engineer:
Brown + Kubicki, P.S.C.
2224 Young Dr.
Lexington, KY 40505
p 859/543.0933

BG# 22-282

Project No: 2203/XMBS22
Drawn By: AJP
Rev'd By: BWR

SHEET RELEASE

1	05/18/2022	ADDENDUM #1
2	06/01/2022	ADDENDUM #2
3	07/01/2022	PR #6
4		
5		
6		
7		
8		

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CONSTRUCTION DOCUMENTS

1UE1.0

ELECTRICAL SITE UTILITY PLANS

DATE ISSUED:
MAY 9, 2022



P.O. Box 539
Vanceburg, KY 41179-0539
Ph : (606)796-3867

Change Request

To: Ross Tarrant Architects, Inc.
101 Old Lafayette Avenue
Lexington, KY 40502
Ph: (859)254-4018 Fax: (859)231-5046

Number: 2
Date: 8/25/22
Job: 22-021 Mercer County Athletic Upgrade
Phone:

Description: PR 6 adding (4) 30 amp breakers to panel SB2

We are pleased to offer the following specifications and pricing to make the following changes:

Cost to add (4) 30 amp breakers to panel SB 2.
Material: \$1,800.00
Labor: \$300.00
O/P: \$315.00
Total: \$2,415.00

The total amount to provide this work is \$2,415.00

If you have any questions, please contact me at (606)796-3867.

Submitted by: Gus Bartley
Trace Creek Construction, Inc.

Approved by: _____
Date: _____

DATE:	August 3, 2022	PR #:	PR 00 7
TO:	Attn. Gus Bartley Trace Creek Construction	RE:	Mercer County Athletics Improvements Phase 1

Please submit an itemized quotation for changes in the Contract Sum and/or Time incidental to proposed modifications to the Contract Documents described therein.

THIS IS NOT A CHANGE ORDER NOR A DIRECTION TO PROCEED WITH THE WORK DESCRIBED HEREIN.

This proposal request removes the ramp behind on the first base and modifies the stair and backstop wall alignment.

Please provide labor and material pricing break down for review.

DESCRIPTION:

Site:

1. Delete Ramp behind first base dugout in it's entirety, adjust backstop wall, stair location and pavement jointing as shown on SD3.3.
2. Revise fence height on backstop wall to be a 4-foot height fence as tagged on SD3.3 and detailed on SD4.3.
3. Add new trench drainage structure DS-14 and adjust grading as shown on SD3.4. Trench drain is to be an ACO K100 4-inch wide trench drain with a Longitudinal Cast Iron Grate.

Attachments:

(3) SD3.3, SD3.4, SD4.3

Prepared By:

Michael B. Mays, PE

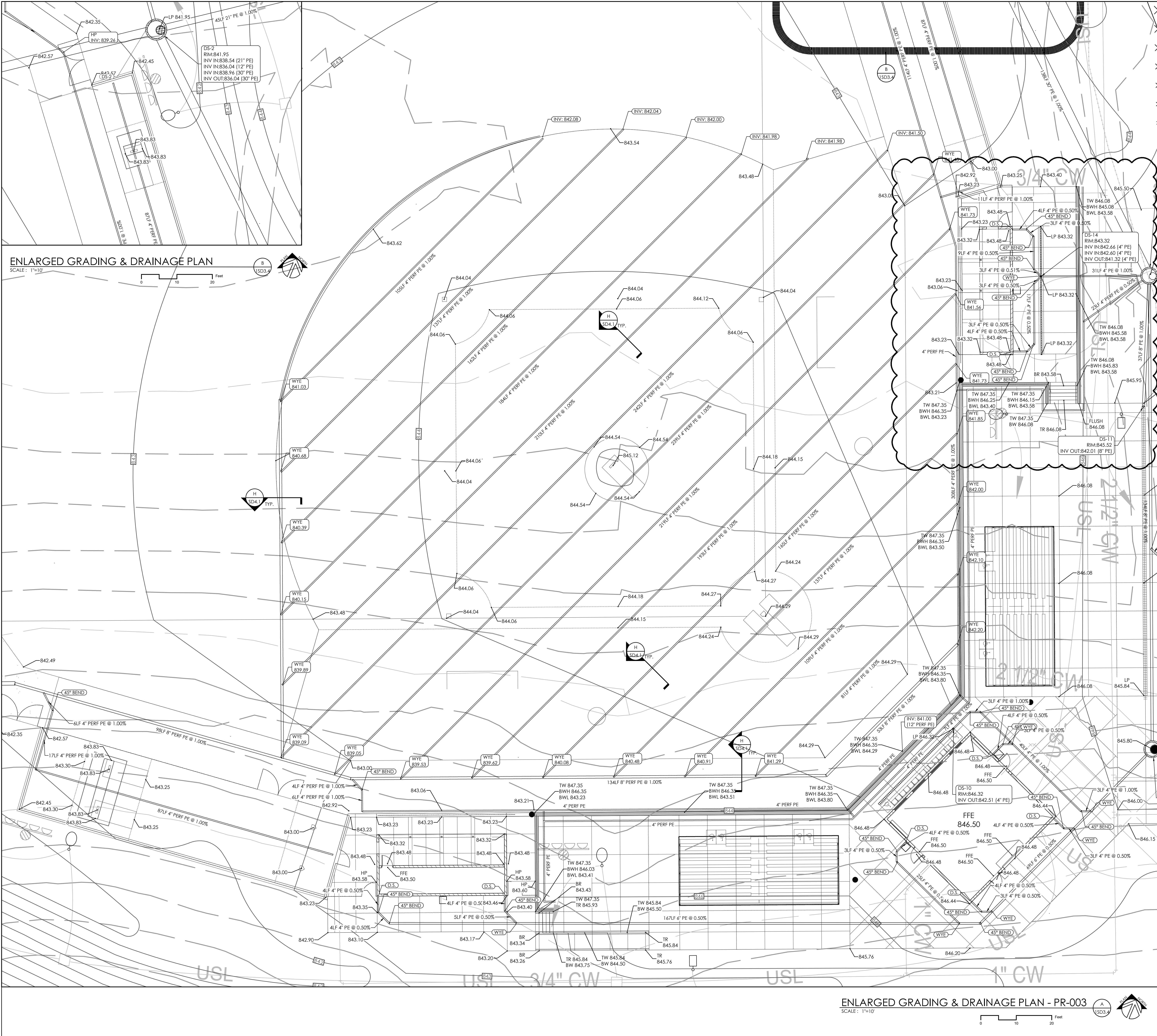
/mbm

c: Laith Ross – RTA
Beth Bauer – RTA
Suzanne P. Irwin - RTA
File 2203-4B
PR 003-Ramp Removal



DEVELOPMENT PLAN

DATE ISSUED:
08/03/2022



GENERAL SITE NOTES

1. THE SITE PLANS WERE PREPARED BASED UPON TOPOGRAPHIC SURVEYS BY THOROUGHREED ENGINEERING, 239 N BROADWAY, LEXINGTON, KY 40507. REFER TO SITE SURVEY SHEETS.
2. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SITE FEATURES AND CONDITIONS. REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO THE START OF CONSTRUCTION.
3. THE ARCHITECT AND ARCHITECT'S CONSULTANTS SHALL HAVE NO RESPONSIBILITY FOR THE DISCOVERY, PRESENCE, HANDLING, REMOVAL OR DISPOSAL OF, OR EXPOSURE OF PERSONS TO HAZARDOUS MATERIALS IN ANY FORM AT THE PROJECT SITE, INCLUDING BUT NOT LIMITED TO ASBESTOS, ASBESTOS PRODUCTS, POLYCHLORINATED BIPHENYL (PCB) OR OTHER TOXIC SUBSTANCES.
4. THE CONTRACTOR SHALL USE EXTREME CARE IN WORKING AROUND EXISTING OVERHEAD AND UNDERGROUND UTILITIES. MEASURES SHOULD BE TAKEN TO PROTECT ALL UTILITIES FROM DAMAGE DURING CONSTRUCTION.
5. SEE EROSION POLLUTION AND SEDIMENT CONTROL PLAN ON SD0.1 FOR RECOMMENDED BEST MANAGEMENT PRACTICES INFORMATION AND SEDIMENT CONTROLS.

SITE STORM DRAINAGE NOTES

1. DRAINAGE PIPE THAT CROSSES UNDER ROADS OR PARKING AREAS SHALL BE REINFORCED CONCRETE OR ADS HP. ALL PE PIPE SHALL BE DUAL WALL POLYETHYLENE PIPE WITH SMOOTH INTERIOR WALL, OR EQUIVALENT AS APPROVED IN THE SPECIFICATIONS. ALL STORM PIPING SHALL BE INSTALLED AT A CONSTANT, POSITIVE SLOPE FROM INLET CONNECTION TO DISCHARGED CONNECTION. PIPE SLOPE IS TO BE 0.5% MINIMUM.
2. SEDIMENT PROTECTION DEVICES, SUCH AS SILT FENCING SHALL BE INSTALLED IN AND/OR AROUND ALL STORM STRUCTURES.
3. EROSION CONTROL BLANKETS ARE TO BE INSTALLED AS INDICATED IN THE SPECIFICATIONS.
4. ALL STORM STRUCTURES ARE TO BE DESIGNED FOR H-20 LOADING.
5. ALL GRATES AND MANHOLE COVERS ARE TO BE HEAVY DUTY CAST IRON DESIGNED FOR H-20 LOADING.
6. MAINTAIN GRADING TO PROMOTE POSITIVE DRAINAGE AT ALL TIMES.
7. INDICATED DOWNSPOUTS, INCLUDING CANOPY DOWNSPOUTS, ARE TO BE PIPED UNDERGROUND AND CONNECTED TO STORM WATER STRUCTURES. DOWNSPOUT ROOT AND DOWNSPOUT SIZES ARE TO BE COORDINATED WITH THE MANUFACTURERS AND INSTALLERS OF EACH ITEM. CLEANOUTS ARE TO BE LOCATED AT EACH CHANGE IN DIRECTION OF THE PIPING. ENSURE CLEANOUTS ARE DESIGNED FOR AUTOMOBILE TRAFFIC, AND ARE FLUSH WITH THE SURROUNDING SURFACES.
8. THE LOCATIONS SHOWN FOR THE NEW STORM SEWER PIPING AND STRUCTURES ARE APPROXIMATE. ACTUAL LOCATIONS CAN BE ADJUSTED WITH ARCHITECTS WRITTEN APPROVAL IN ORDER TO AVOID UNFORESEEN CONDITIONS OR OTHER CONSTRUCTION CONFLICTS. CONTRACTOR IS TO COORDINATE STORM SEWER INSTALLATION WITH ALL OTHER TRADES AND WORK.

SITE GRADING NOTES

1. THE CONTRACTOR SHALL VERIFY LOCATIONS AND ACTUAL DEPTHS OF ALL EXISTING STORM DRAINS, GAS MAINS, WATER MAINS, AND PIPES TO ALL NEW CONNECTIONS AND CROSSINGS. CONTRACTOR SHALL PAY PARTICULAR ATTENTION TO AREAS WHERE CONSTRUCTION OR GRADING MAY INTERFERE WITH SUCH LINES.
2. ANY DISCREPANCIES BETWEEN THIS GRADING PLAN AND ACTUAL FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IN WRITING PRIOR TO EXCAVATION, GRADING, TRENCHING, OR OTHER CONSTRUCTION OF ANY SORT. FAILURE TO NOTIFY THE ARCHITECT IN WRITING PRIOR TO COMMENCEMENT OF EXCAVATION, GRADING, TRENCHING, OR OTHER CONSTRUCTION SHALL IMPLY THE CONTRACTOR'S VERIFICATION OF AND ACCEPTANCE OF EXISTING SITE CONDITIONS. SAID FAILURE TO NOTIFY THE ARCHITECT IN WRITING SHALL IDENTIFY AND HOLD HARMLESS THE OWNER FROM ANY ADDITIONAL COSTS INCURRED BY THE CONTRACTOR DUE TO DISCREPANCIES NOT REPORTED WHICH COULD HAVE BEEN DETECTED BY PRUDENT AND REASONABLE OBSERVATION AND VERIFICATION BY THE CONTRACTOR.
3. ALL IMPERVIOUS SURFACES SHALL BE GRADED AND INSTALLED WITH A MINIMUM SLOPE OF ONE PERCENT (1%) AND A MAXIMUM SLOPE OF SEVEN PERCENT (7%).
4. ALL PERVIOUS SURFACES SHALL BE GRADED AND INSTALLED WITH A MINIMUM SLOPE OF TWO PERCENT (2%) AND A MAXIMUM SLOPE OF THIRTY-THREE PERCENT (33%) EXCEPT WHERE SHOWN.
5. SLOPE PERVIOUS SURFACES MIN. 5 % AND IMPERVIOUS SURFACES MIN. 1% AWAY FROM BUILDING FOUNDATIONS.
6. MAINTAIN GRADING TO PROMOTE POSITIVE DRAINAGE AT ALL TIMES. DO NOT ALLOW WATER TO POND IN CONSTRUCTION AREAS.
7. RELOCATE ALL BURIED UTILITIES THAT ARE IMPACTED BY ANY EARTHWORK. RELOCATED UTILITY LOCATIONS ARE TO BE APPROVED BY THE ARCHITECT PRIOR TO STARTING WORK.
8. PROTECT AREAS TO BE SEEDED AS FOLLOWS:
A) DITCHES AND DRAINAGE SWALES ARE TO RECEIVE HIGH-VELOCITY EROSION-CONTROL BLANKETS.
B) SLOPES 4:1 (H:V) OR GREATER ARE TO RECEIVE LONG-TERM EROSION-CONTROL BLANKETS.
C) SLOPES BETWEEN 4:1 AND 6:1 (H:V) ARE TO RECEIVE SHORT-TERM EROSION-CONTROL BLANKETS.
D) SLOPES BELOW 6:1 (H:V) ARE TO RECEIVE STRAW MULCH PER THE SPECIFICATIONS. DO NOT USE HAY.
9. ANY AREAS DISTURBED DURING CONSTRUCTION ARE TO BE RECONDITIONED, SEEDED AND MULCHED PER THE SPECIFICATIONS.
10. COMPACT SOIL TO NOT LESS THAN THE FOLLOWING PERCENTAGES OF THEIR STANDARD PROCTOR MAXIMUM DRY DENSITY AT PLUS OR MINUS TWO (2) PERCENT OF OPTIMUM MOISTURE CONTENT:
A) UNDER FLOOR SLABS AND FOUNDATIONS ON STRUCTURAL FILL - 98%
B) PAVED AREAS AND WALKS - 95%
C) LANDSCAPE AREAS OUTSIDE MASS FILL AREAS - 85%
11. ALL TREES THAT ARE IDENTIFIED BY THE ARCHITECT TO REMAIN, EITHER ON THE DRAWING OR IN THE FIELD, ARE TO BE PROTECTED IN ACCORDANCE WITH THE SPECIFICATIONS. ALL TREES LOCATED OUTSIDE OF AREAS IDENTIFIED TO BE RE-GRADED ARE TO BE PROTECTED IN ACCORDANCE WITH THE SPECIFICATIONS.
12. THE CONTRACTOR SHALL INSURE THAT CONSTRUCTION DEBRIS AND SEDIMENT ARE REMOVED DAILY FROM SITE DRIVEWAYS, PARKING AREAS, WALKWAYS AND SURROUNDING ROADWAYS AND WALKWAYS.
13. THE CONTRACTOR SHALL INSTALL AND MAINTAIN A CRUSHED STONE ENTRY AND DRIVE TO REDUCE SOIL TRACKING.

DRAINAGE LEGEND

- DS DOWNSPOUT - SEE DETAIL C/1SD4.1
DS-# STORM STRUCTURE. SEE STRUCTURE SCHEDULE ON 1SD2.2

SPOT ELEVATION LEGEND

- FFE - FINISHED FLOOR ELEVATION
TW - TOP OF WALL
BW - BOTTOM OF WALL

ENLARGED GRADING & DRAINAGE PLAN - PR-003
MERCER COUNTY ATHLETICS IMPROVEMENTS - PHASE 1
FOR:
MERCER COUNTY BOARD OF EDUCATION
HARRODSBURG, KENTUCKY

MEAP Engineer:
DATA, INC.
220 Lexington Green Circle
Suite 600
Lexington, KY 40503
p. 659.253.0892
Structural Engineer:
Structural Design Group, Inc.
220 Great Circle Rd., Suite 106
Nashville, TN 37228
p. 615.255.5537

BG# 22-282

Project No: 2203
Drawn By: ELN/JKB
Rev'd By: MBM/LMR

SHEET RELEASE

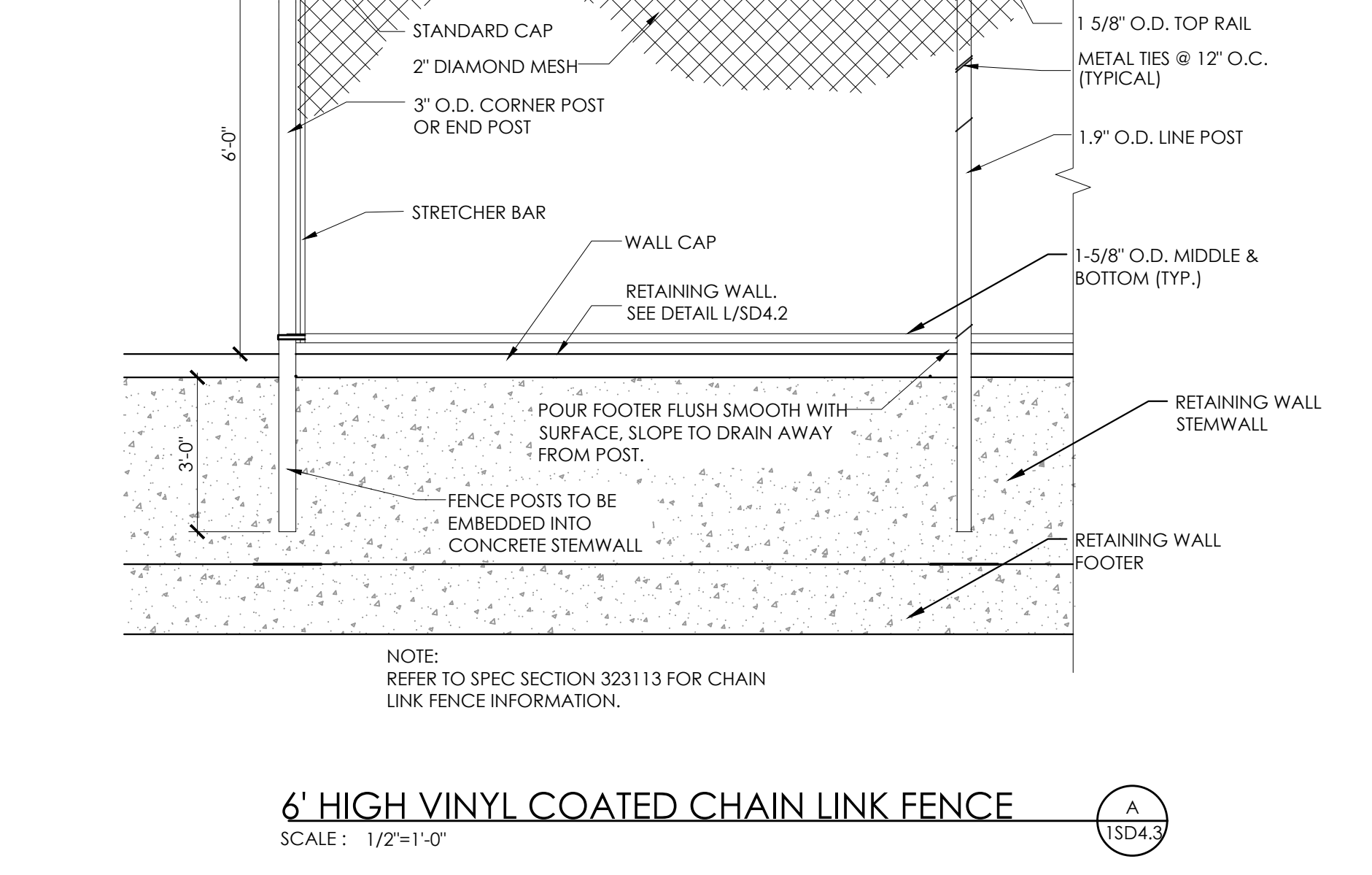
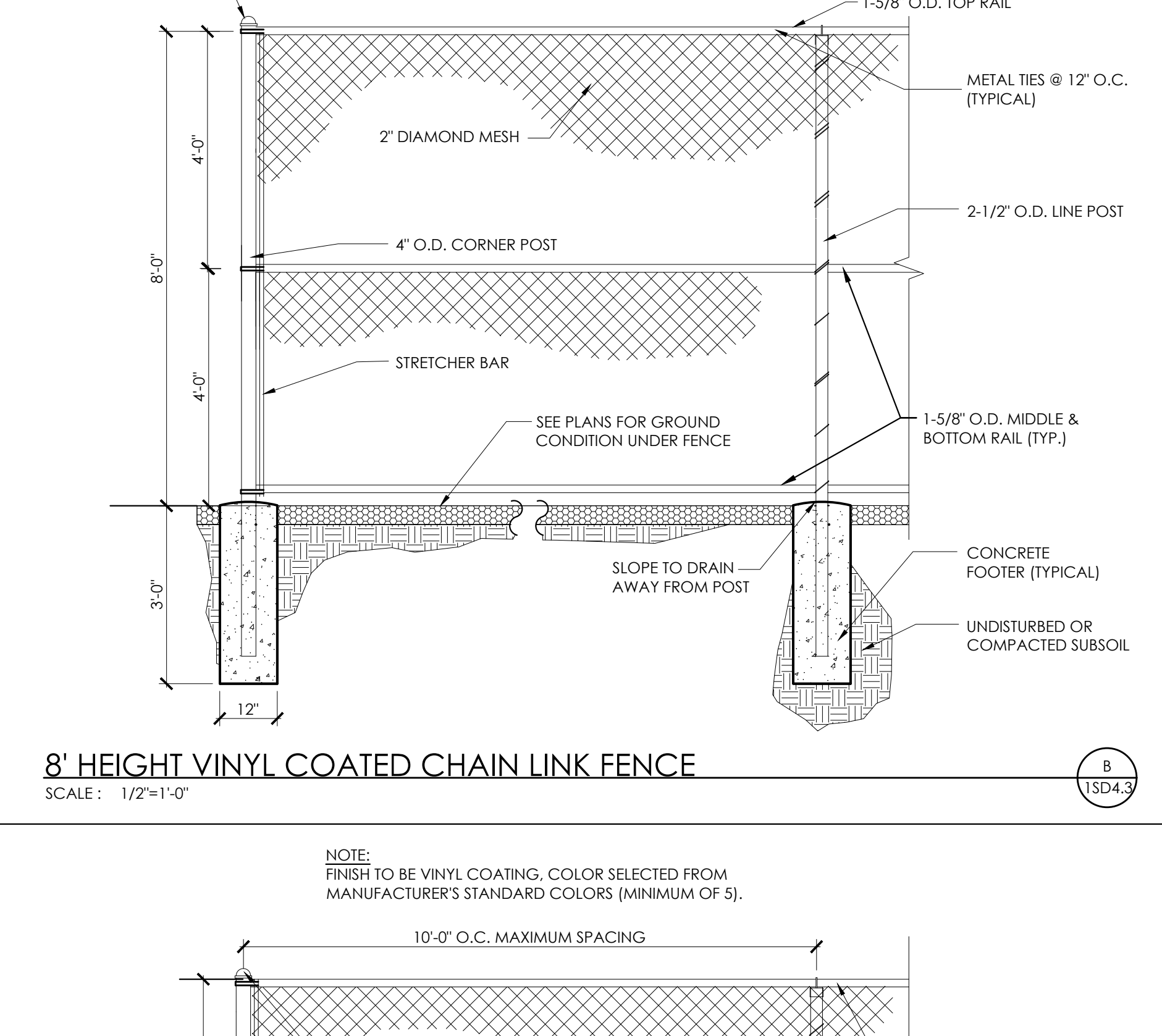
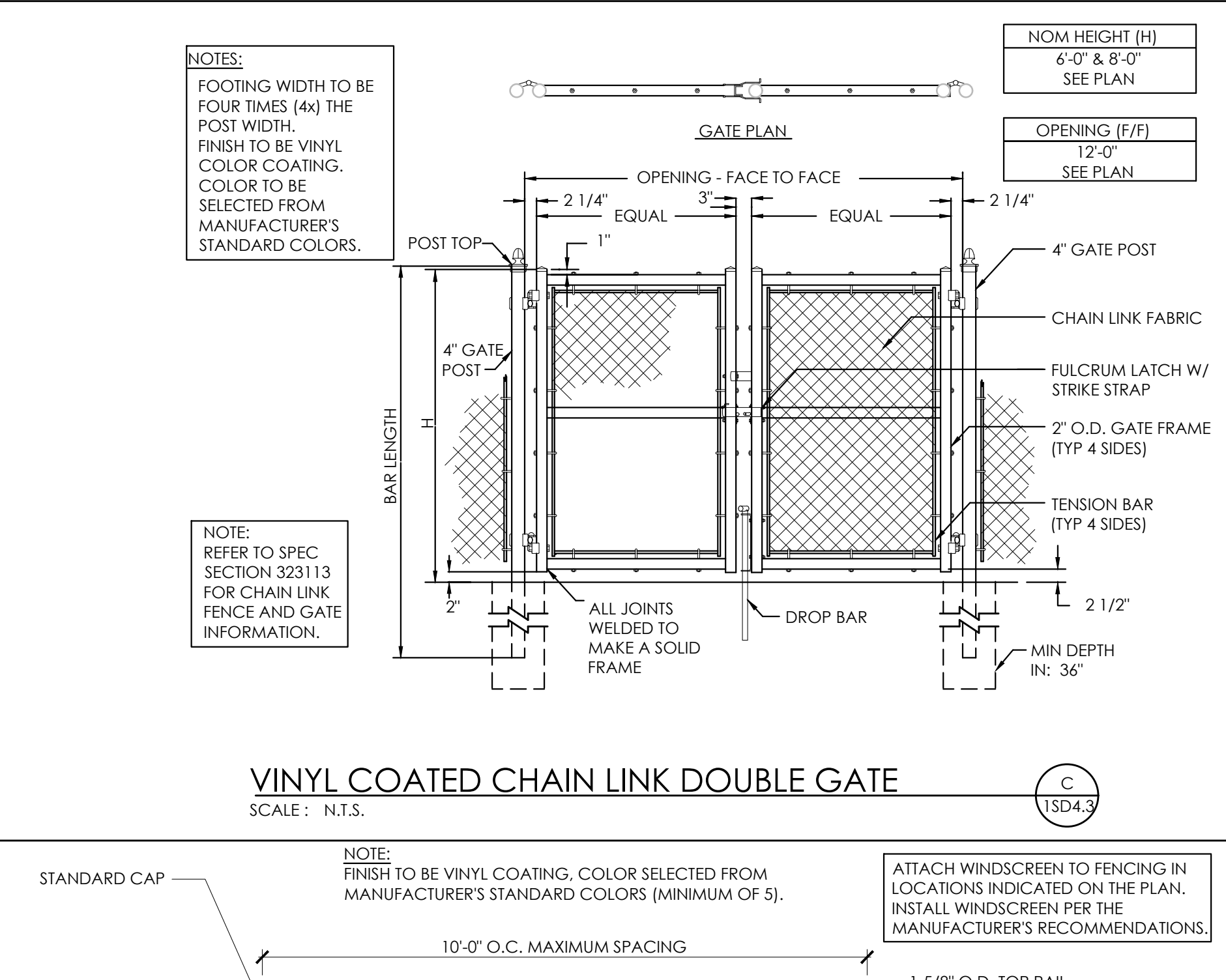
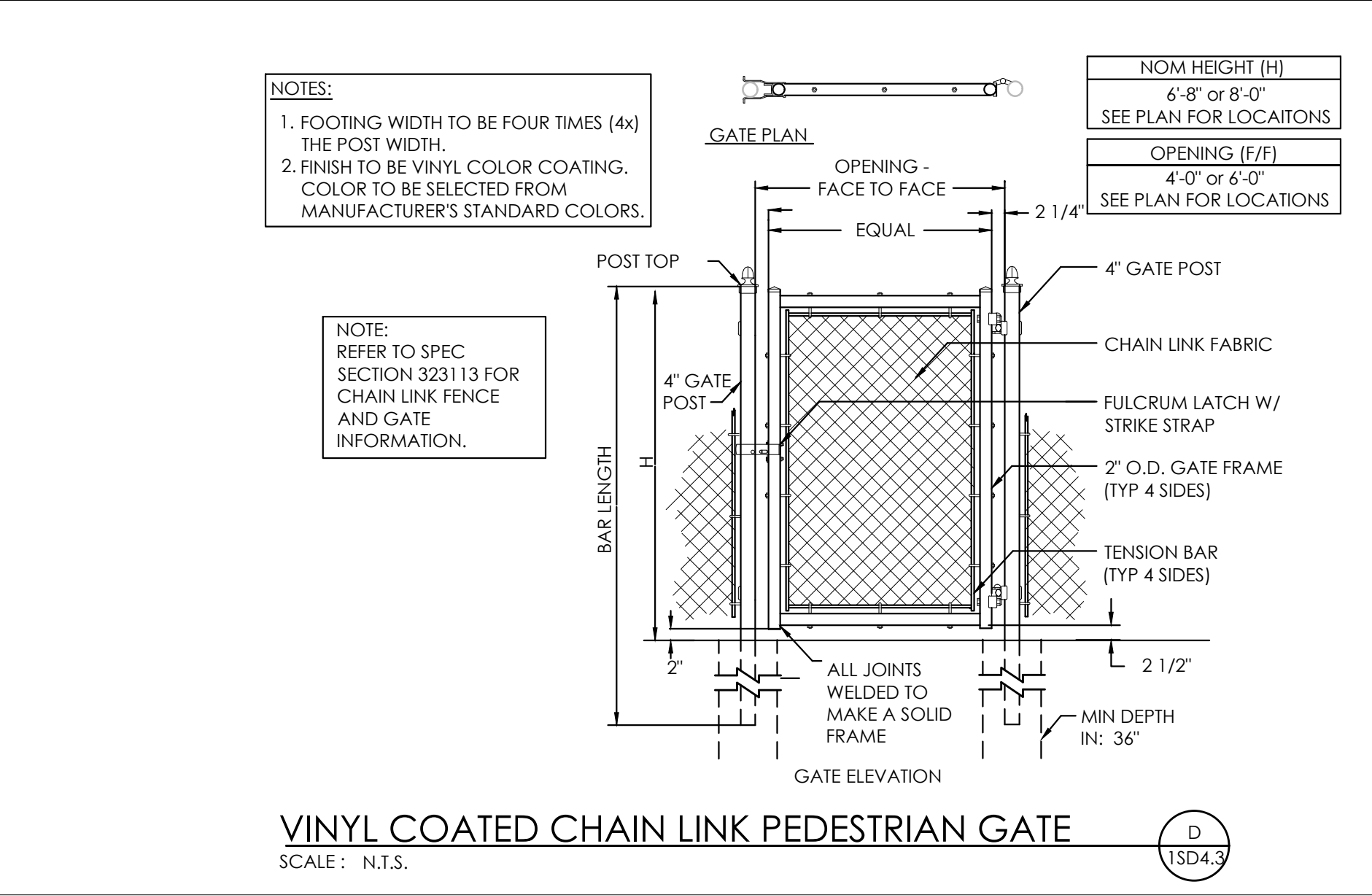
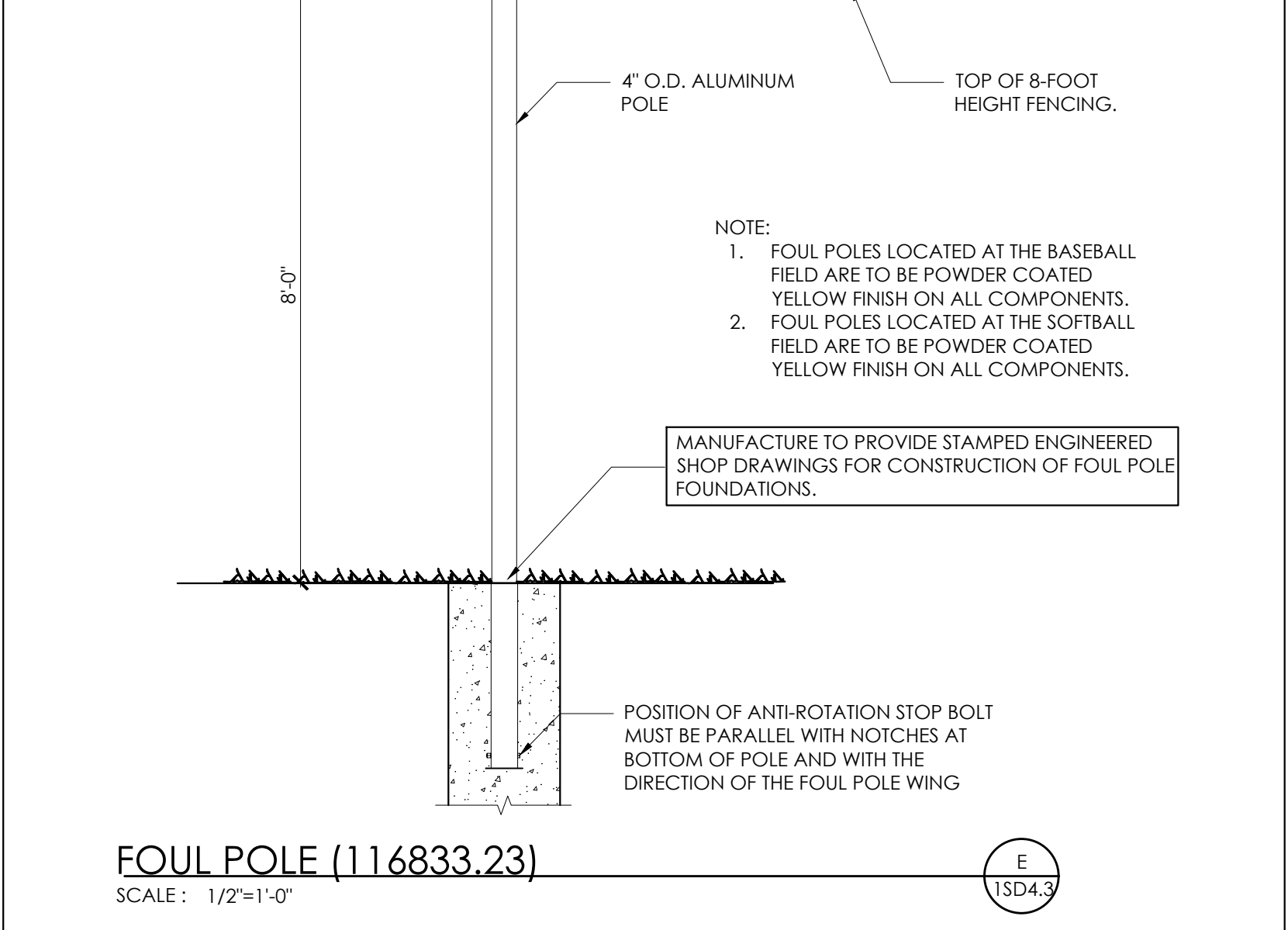
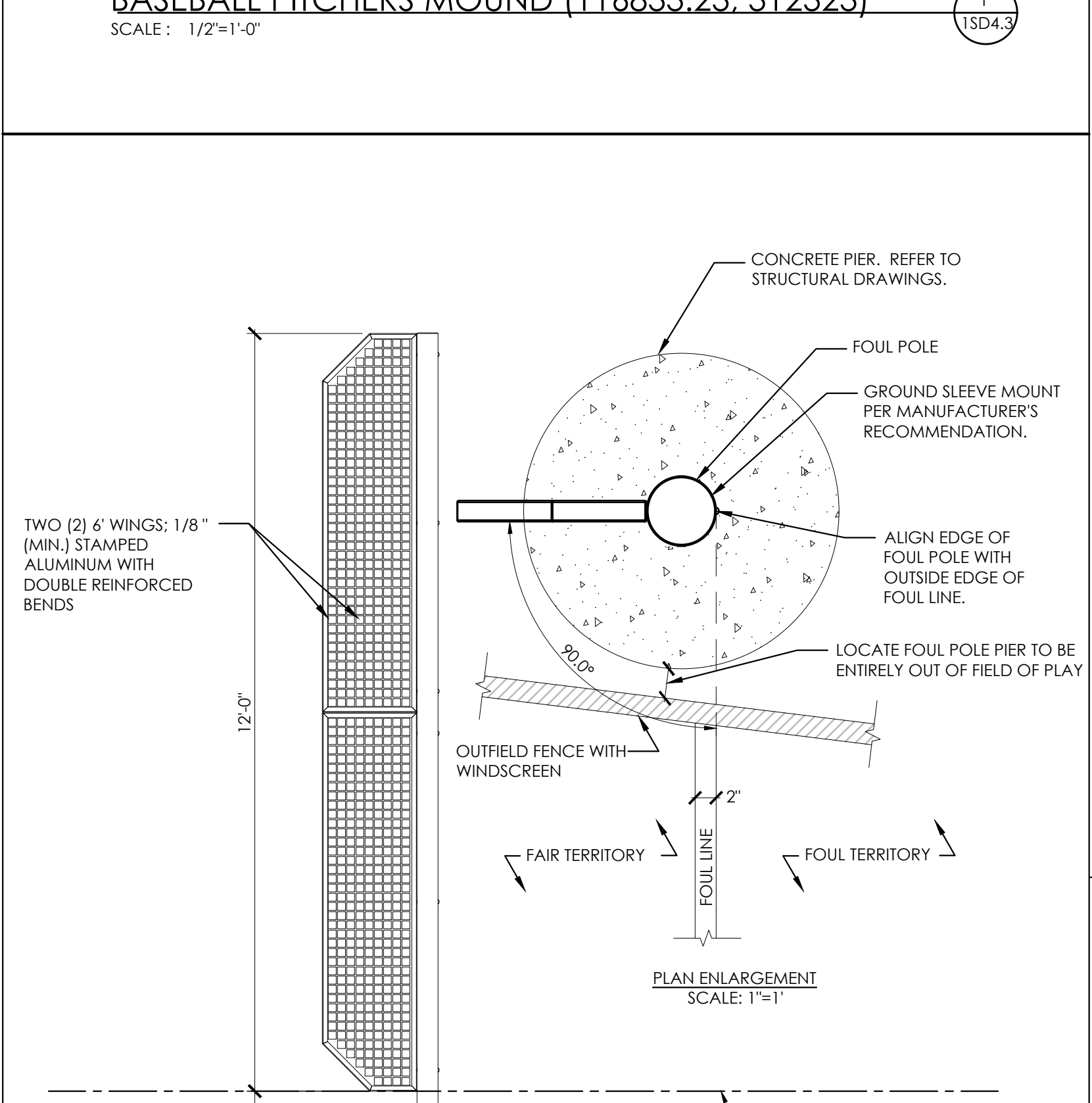
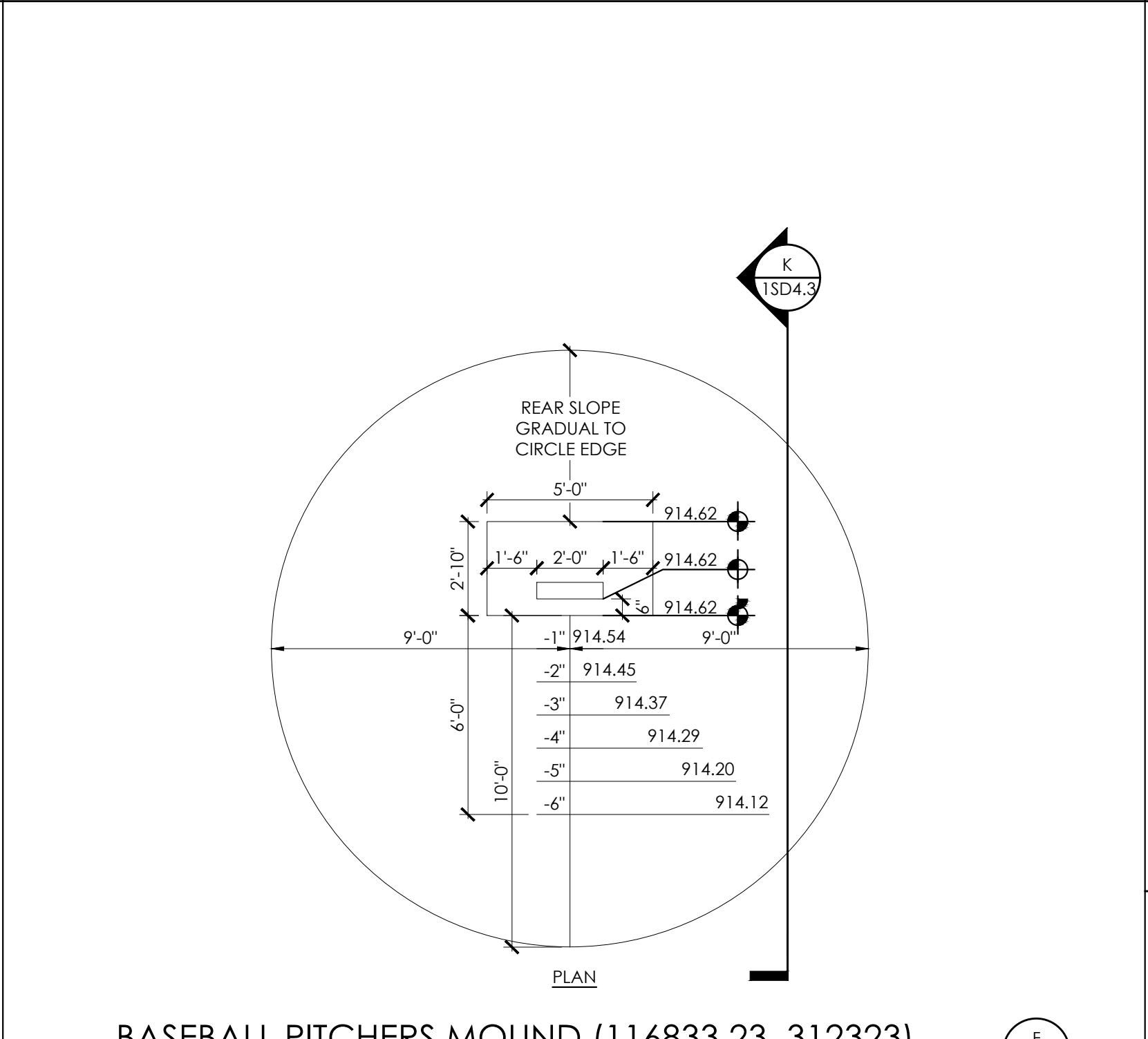
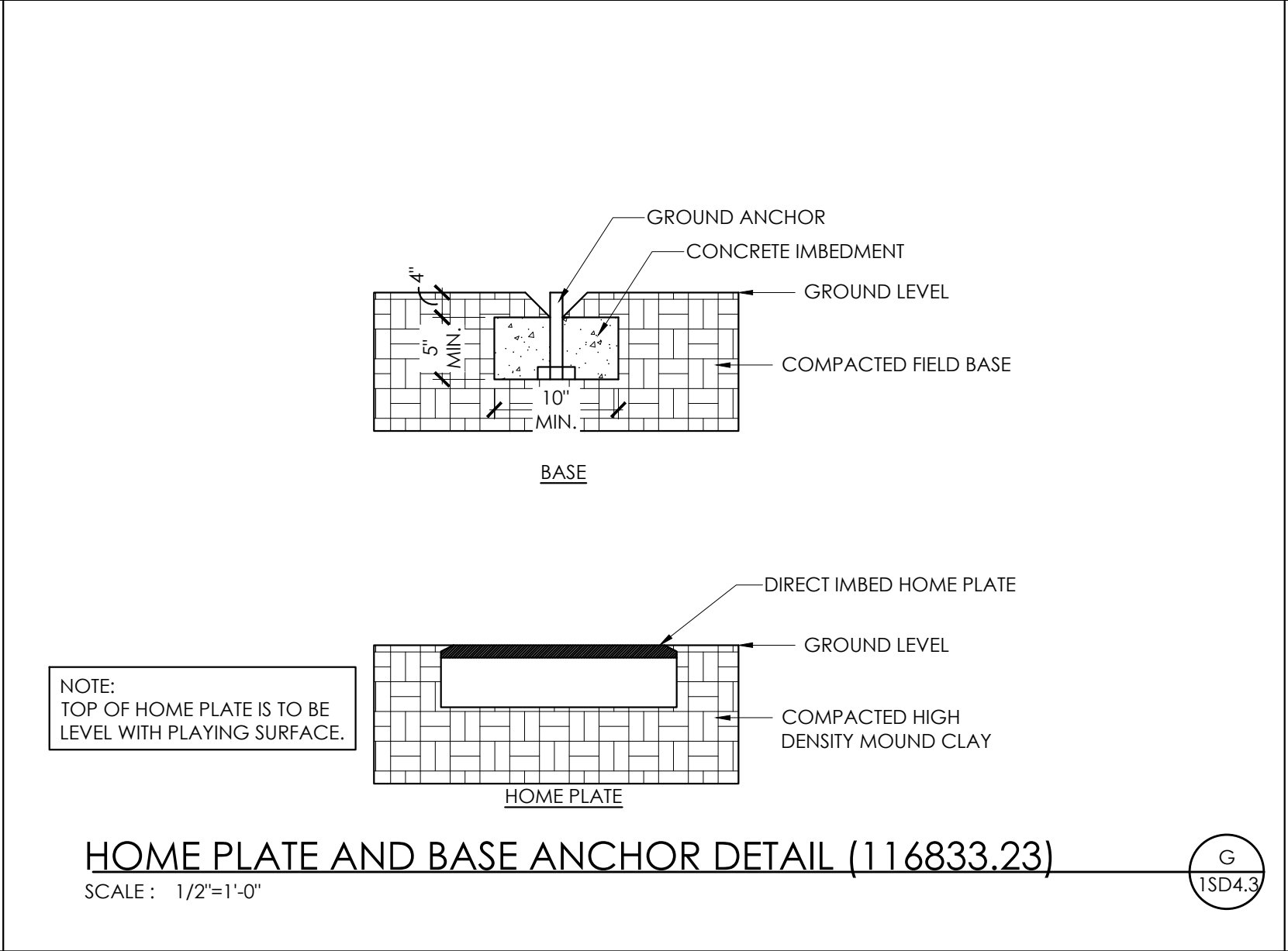
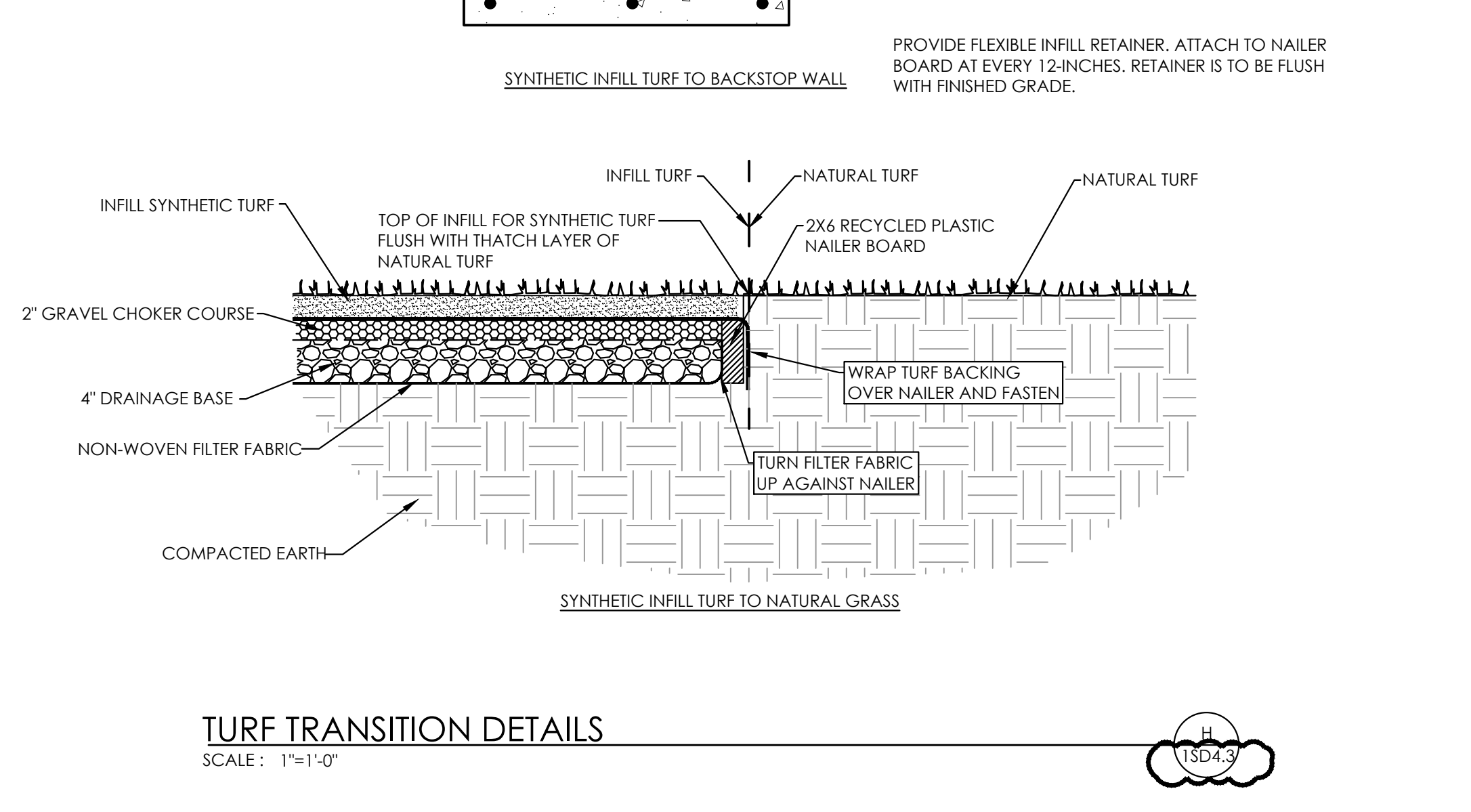
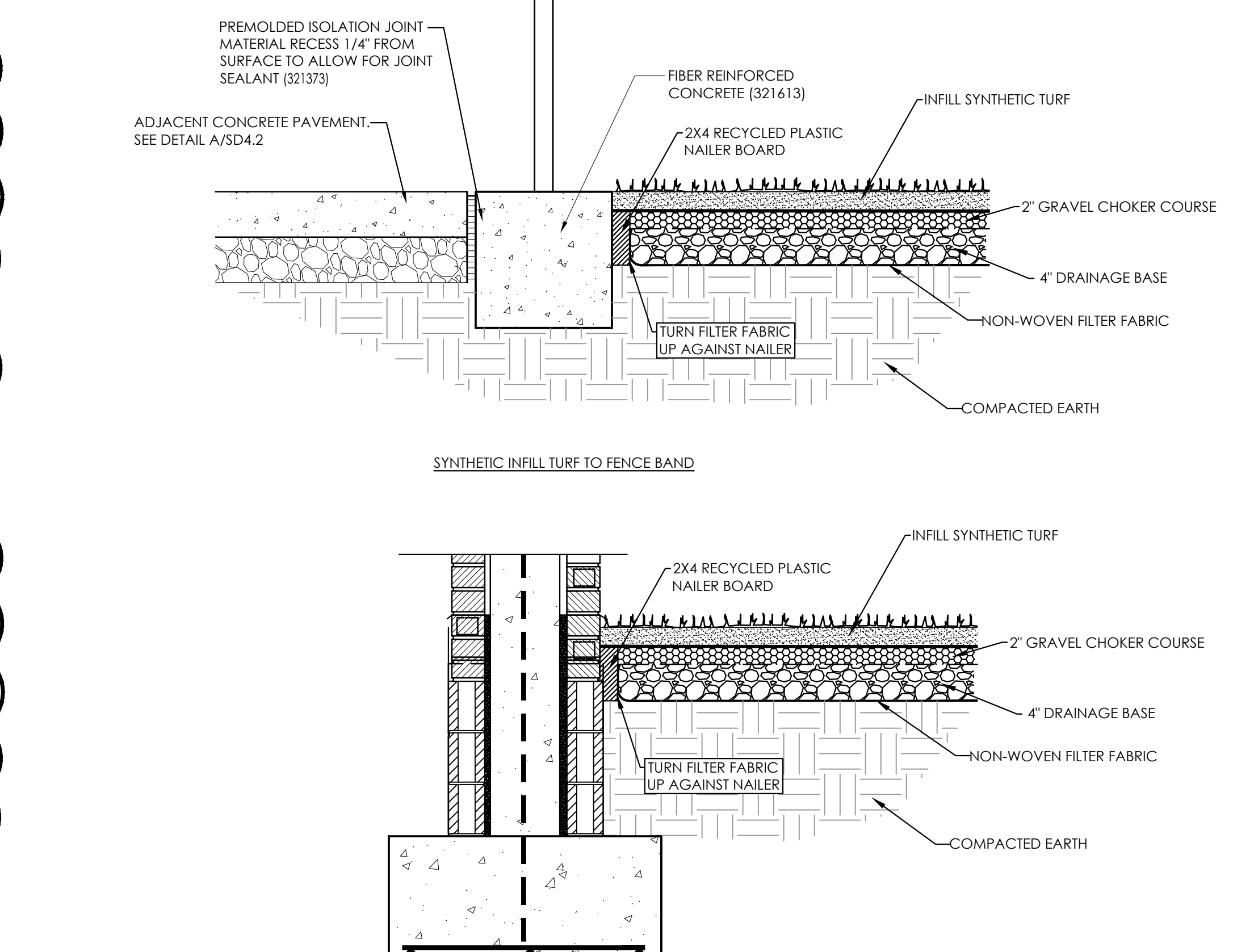
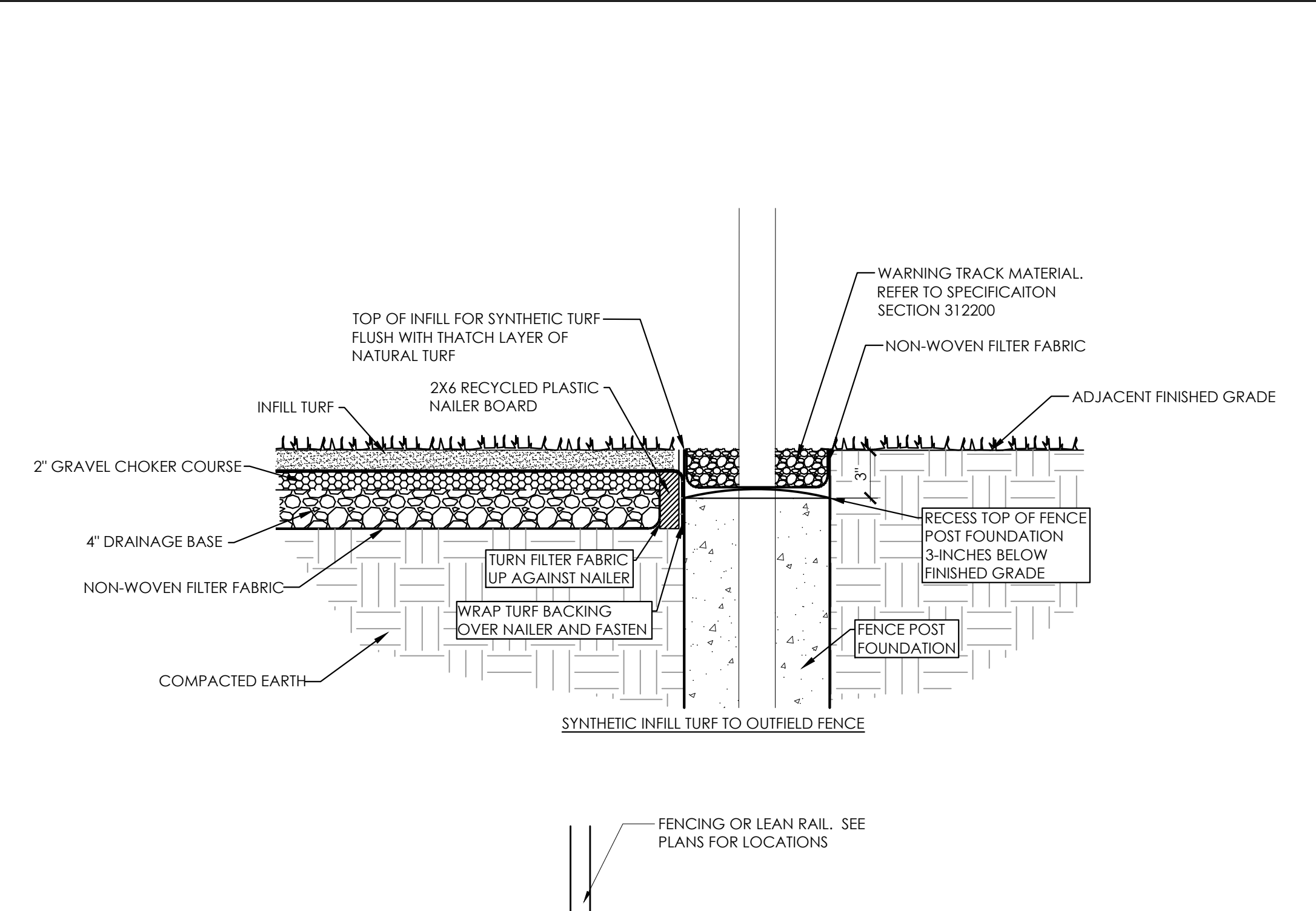
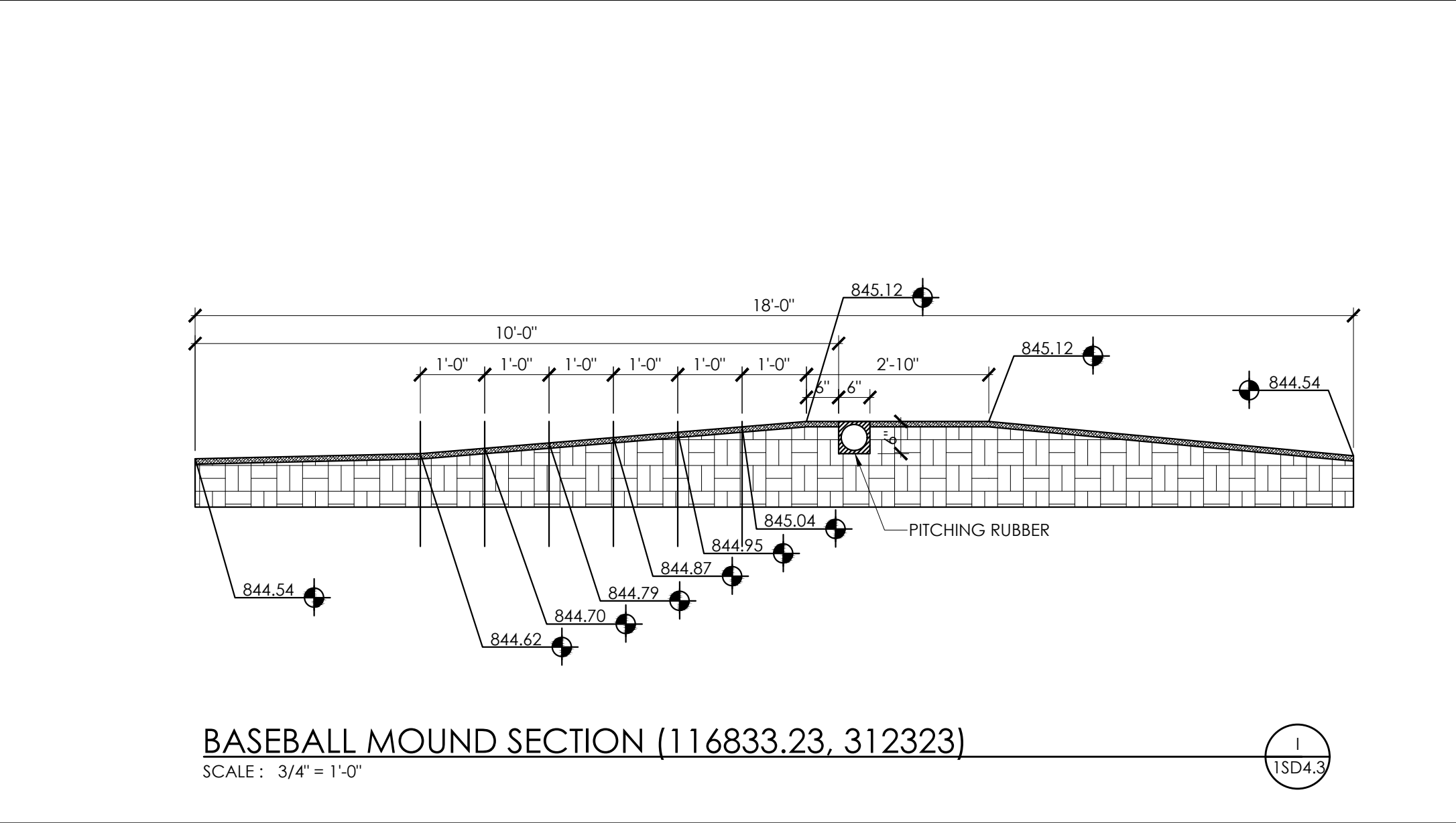
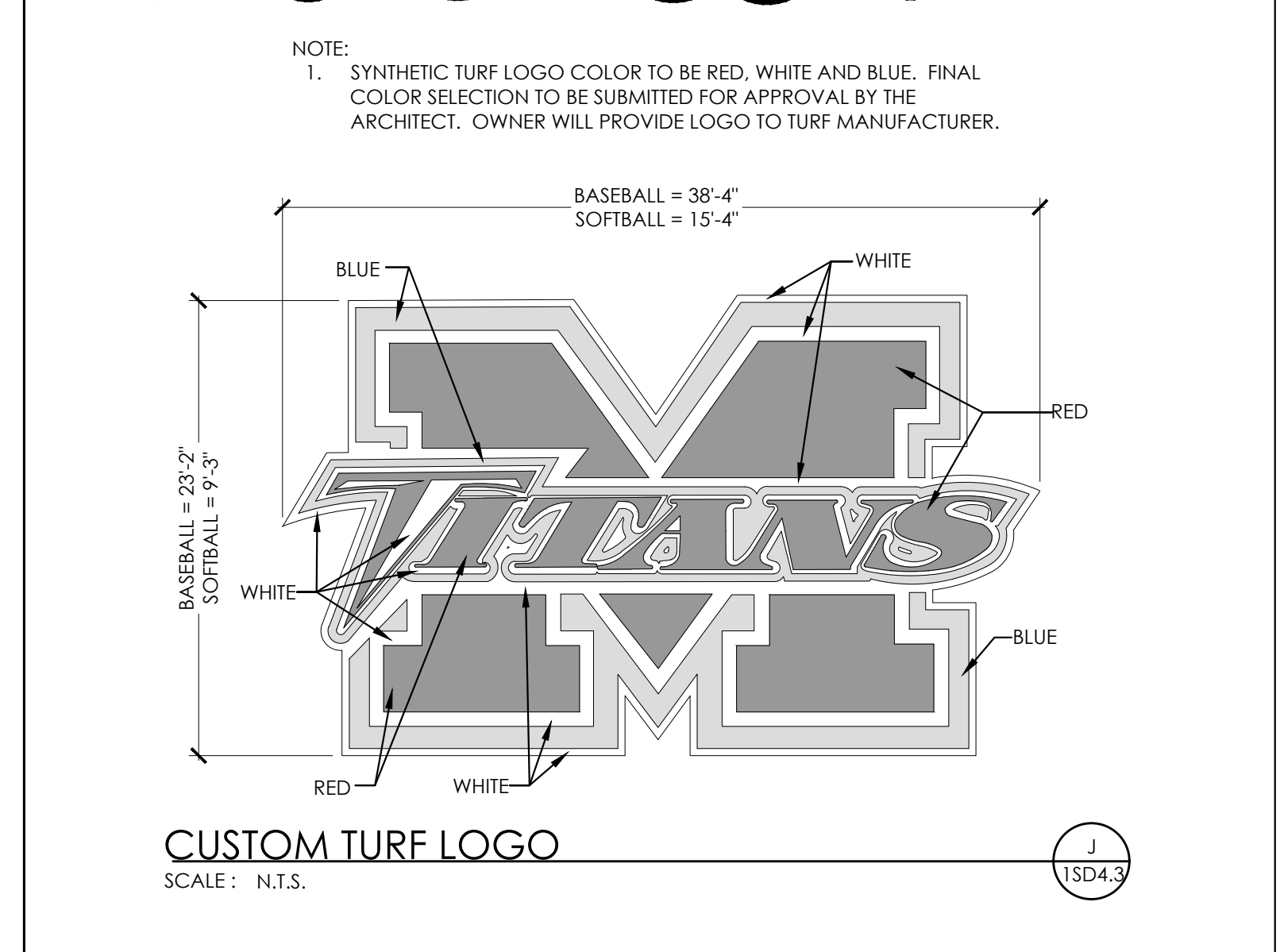
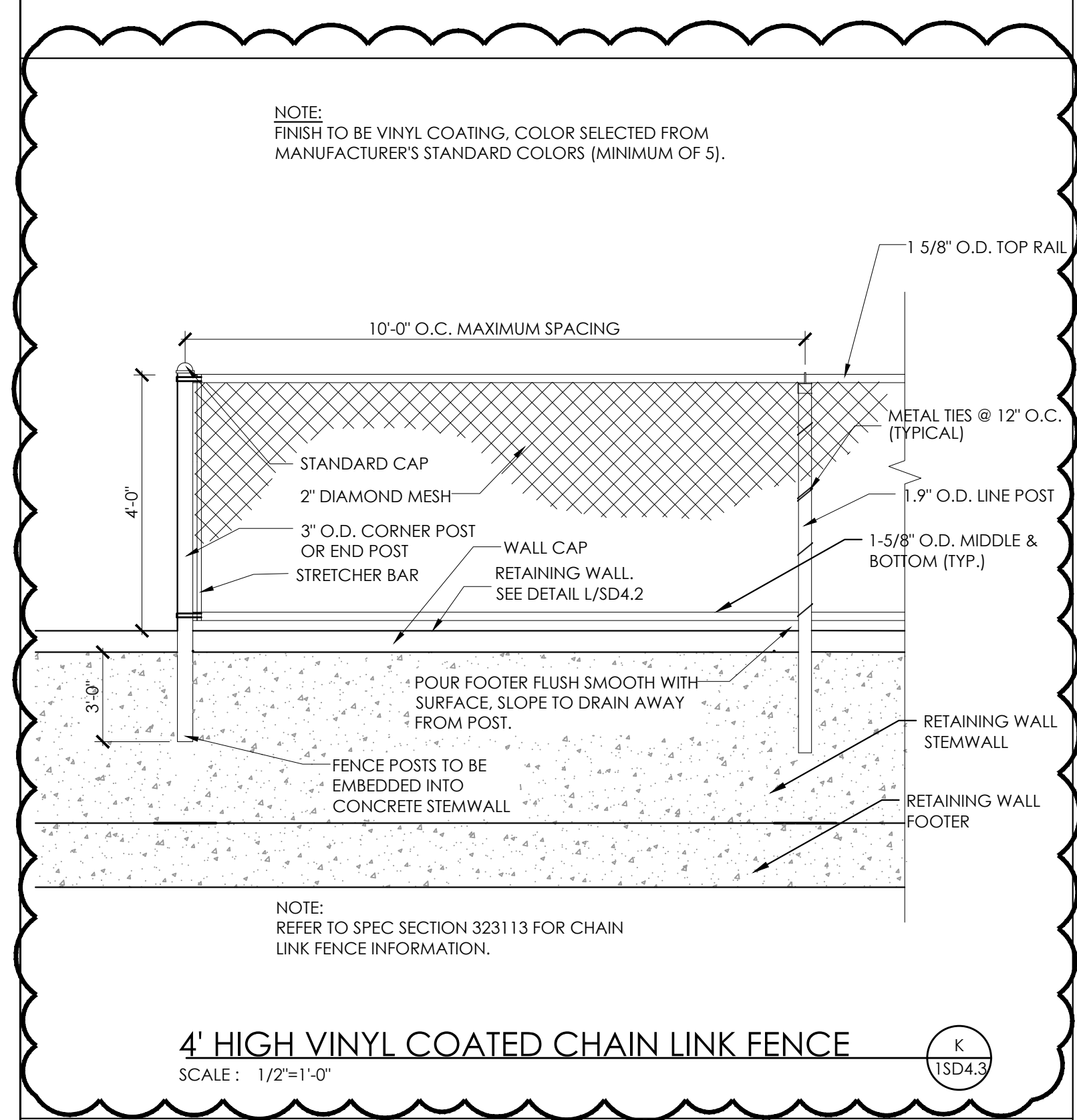
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CONSTRUCTION DOCUMENTS

PR-0C7
ENLARGED GRADING & DRAINAGE PLAN

DATE ISSUED:
08/03/2022

rosarrant
architects
101 old bicycle avenue lexington, kentucky 40502 p. 659.254-4018



rosstant architects

101 old ladyette avenue harrodsburg, kentucky 40502 p 859.254.4018

SITE DETAILS - PR-003

MERCER COUNTY ATHLETICS IMPROVEMENTS - PHASE 1

FOR: MERCER COUNTY BOARD OF EDUCATION

HARRODSBURG, KENTUCKY

M.E.&P Engineer:

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Nashville, TN 37228

p 615.255.5537

BG# 22-282

Project No: 2203

Drawn By: JKB/ELM

Rev'd By: LMR/MBM

SHEET RELEASE

1 6/9/2022 ADDENDUM #3

2

3

4

5

6

7

8

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CONSTRUCTION DOCUMENTS

PR-007

SITE DETAILS

DATE ISSUED: 08/03/2022