

# Mercer County Athletic Improvements - Phase 2

Harrodsburg, Kentucky

for the

Mercer County Board of Education

530 Perryville Street Harrodsburg, Kentucky 40330

p 859.733.7000

BG 25-362

RTA # 25012

rosstarrant | a **MORE**group brand

101 Old Lafayette Avenue  
Lexington, Kentucky 40502  
p. 859.254.4018

enhancing education through great design

STRUCTURAL ENGINEER:

STRUCTURAL DESIGN GROUP, INC.  
220 Great Circle Road, Suite 106 Nashville, Tennessee 37228  
p 615.255.5537

M.E.P. ENGINEER:

CMTA, INC.  
220 Lexington Green Circle, Suite 600 Lexington, Kentucky 40503  
p 859.253.0892

HARDWARE CONSULTANT:

CALVERT INDEPENDENT HARDWARE SPECIFICATIONS, LLC  
307 Oakwood Circle Vine Grove, Kentucky 40175  
p 502.930.2039

CONSTRUCTION MANAGER:

TRACE CREEK CONSTRUCTION COMPANY, INC.  
127 Market Street, Suite 200, PO Box 539 Vanceburg, Kentucky 41179  
p 606.796.3867

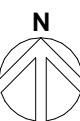
Project Site Address

1124 Moberly Road  
Harrodsburg, Kentucky  
40330

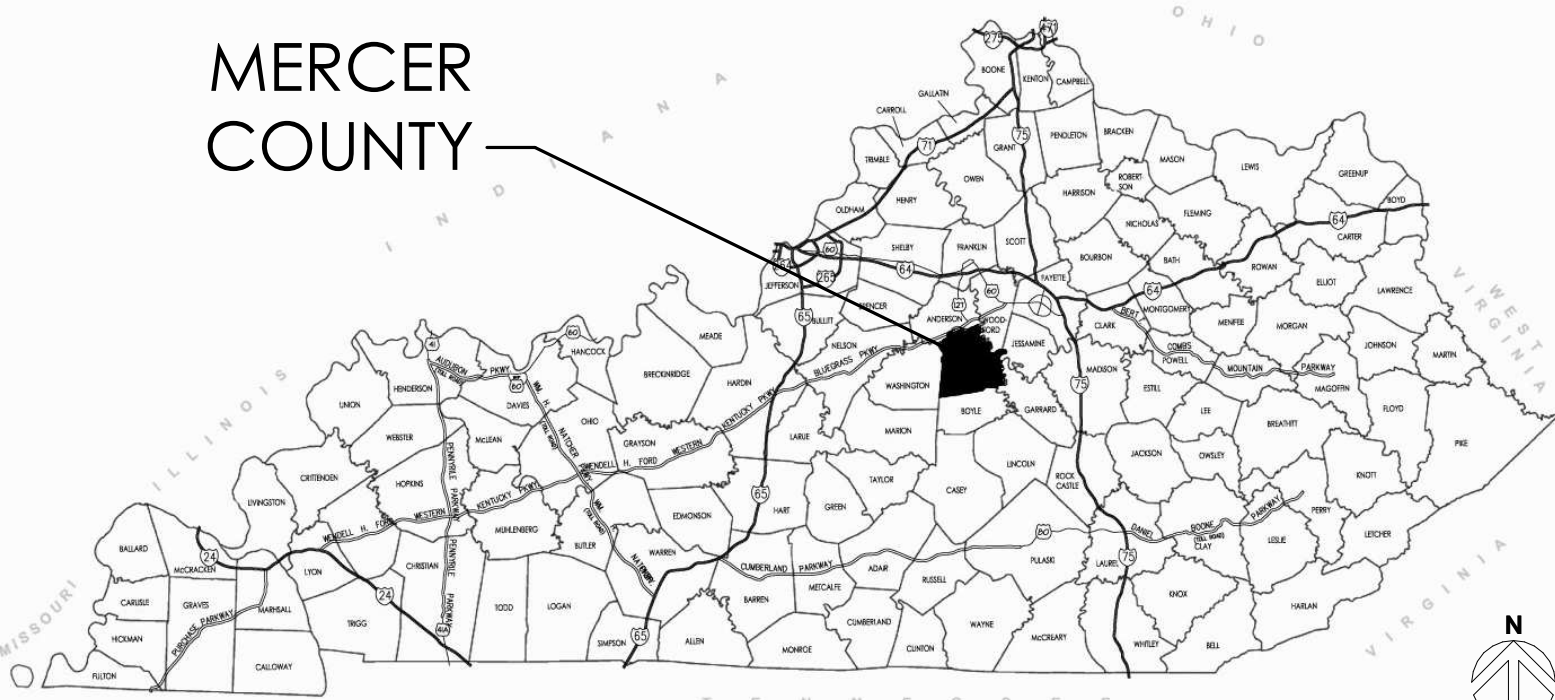
Vicinity Map



SITE



Project Vicinity Map



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rosstarrant architects  
a MOREgroup brand

NOT FOR  
CONSTRUCTION

COVER SHEET  
MERCER COUNTY ATHLETIC IMPROVEMENTS - PHASE 2  
FOR:  
MERCER COUNTY BOARD OF EDUCATION  
HARRODSBURG, KY

M.E.P. Engineer:  
CMTA, Inc.  
Lexington, KY Office  
p 859.253.0892  
Structural Engineer:  
Structural Design Group, Inc.  
p 615.255.5537  
Construction Manager:  
Trace Creek Construction, Inc.  
p 606.796.3867  
Food Service Consultant:  
Joby Smith & Associates, Inc.  
p 502.930.2039

BG 25-362

Project No: 25012  
Drawn By: DR  
Rev'd By: BBDS

SHEET RELEASE

1	
2	
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4	
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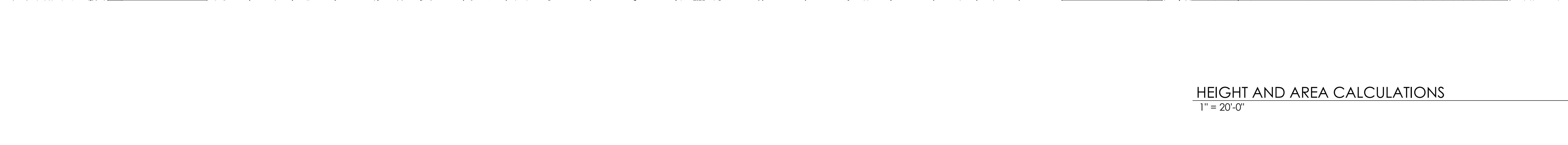
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CONSTRUCTION DOCUMENTS

G0.0

COVER SHEET

DATE ISSUED:  
MARCH 5, 2026

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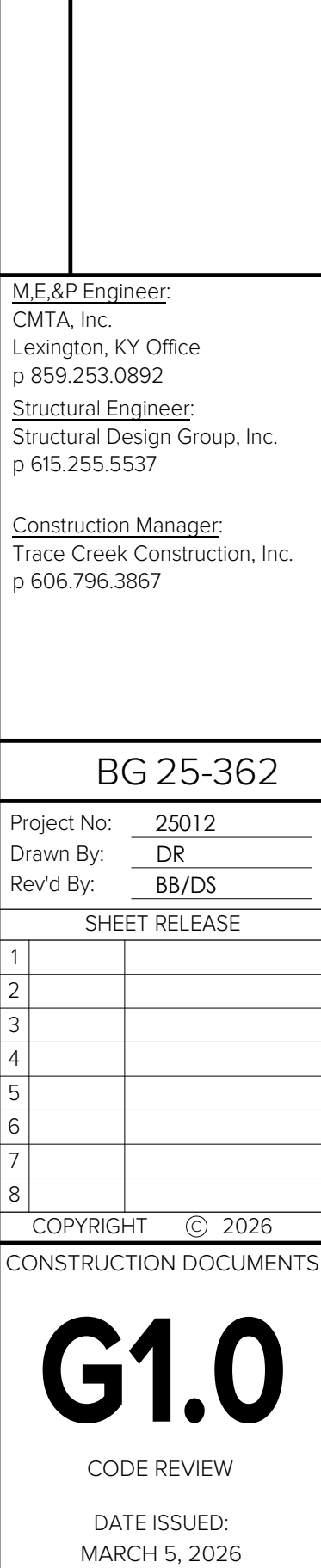


\*NOTE: THE ABOVE REQUIRE ONLY SMOKE-TIGHT CONSTRUCTION PER K&C DUE TO AUTOMATIC SPRINKLER

## HEIGHT AND AREA CALCULATIONS

BUILDING: <b>ATHLETICS</b>			
OCCUPANCY CLASSIFICATION: <b>A-3</b>		CONSTRUCTION TYPE: <b>5B</b>	
SPRINKLER: <b>NO</b>			
BUILDING PERIMETER, P: <b>319'-0"</b>		OPEN PERIMETER, F: "      WIDTH, W: <b>30'</b>	
ALLOWABLE HEIGHT (FROM TABLE 504.3) 40'-0"		ACTUAL HEIGHT  <b>20'-0"</b>	
ALLOWABLE STORIES (FROM TABLE 504.4) 1		ACTUAL STORIES, S <sub>o</sub>  <b>1</b>	
ALLOWABLE AREA (FROM TABLE 506.2)  $I = [F/P - 0.25] \times (W/30)$ $I = [ \quad / \quad - 0.25 ] \times [ \quad / 30 ]$ $I = \underline{\hspace{2cm}}$ $AH = 58,000 \text{ SF}$ $NS = 14,500 \text{ SF}$ $AQ = [At + (NS \times I)] \times S_o$ $AQ = [58,000 + (14,500 \times \underline{\hspace{2cm}})] \times 1$ $AQ = \underline{\hspace{2cm}} \text{ SF}$		ALLOWABLE AREA  NEW      _____	
BUILDING: CONCESSIONS			
OCCUPANCY CLASSIFICATION: <b>A-3</b>		CONSTRUCTION TYPE: <b>5B</b>	
SPRINKLER: <b>NO</b>			
BUILDING PERIMETER, P: <b>208'-0"</b>		OPEN PERIMETER, F: "      WIDTH, W: <b>30'</b>	
ALLOWABLE HEIGHT (FROM TABLE 504.3) 75'-0"		ACTUAL HEIGHT  <b>15'-4"</b>	
ALLOWABLE STORIES (FROM TABLE 504.4) 1		ACTUAL STORIES, S <sub>o</sub>  <b>1</b>	
ALLOWABLE AREA (FROM TABLE 506.2)  $I = [F/P - 0.25] \times (W/30)$ $I = [ \quad / \quad - 0.25 ] \times [ \quad / 30 ]$ $I = \underline{\hspace{2cm}}$ $AH = 58,000 \text{ SF}$ $NS = 14,500 \text{ SF}$ $AQ = [At + (NS \times I)] \times S_o$ $AQ = [58,000 + (14,500 \times \underline{\hspace{2cm}})] \times 1$ $AQ = \underline{\hspace{2cm}} \text{ SF}$		ALLOWABLE AREA  NEW      _____	

\* SEE A0.1 SHEET FOR ADDITIONAL FIRE-RESISTANCE SYMBOLS THAT MAY APPEAR ON THIS SHEET.



PROJECT: MERCER COUNTY BOARD OF EDUCATION  
PROJECT: MERCER COUNTY HIGH SCHOOL - ROSS TARRANT SURVEY CAD/MCHS TOPO 04.DWG  
CITY: HARRODSBURG, KY 40330  
DATE: 11/4/25  
PLOT DATE: 11/4/2025 8:16 PM

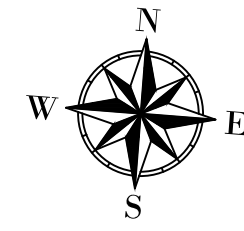
- LEGEND**
- PROPERTY CORNER FOUND (AS NOTED)
  - CONCRETE RIGHT-OF-WAY MONUMENT (FOUND)
  - IPX - IRON PIN FOUND WITH NO CAP
  - WATER VALVE
  - WATER METER
  - FIRE HYDRANT
  - POST INDICATOR VALVE
  - IRRIGATION CONTROL VALVE
  - FIRE DEPARTMENT CONNECTION
  - SPIGOT/HOSEBIB
  - WATER SHUT OFF
  - UTILITY POLE
  - CLEAN OUT
  - SANITARY SEWER MANHOLE
  - STORM SEWER MANHOLE
  - GRATE INLET
  - DOWNSPOUT
  - ELECTRIC METER
  - ELECTRIC TRANSFORMER
  - LIGHT POLE
  - FLOOD LIGHT
  - UTILITY HAND HOLE (AS NOTED)
  - HEADWALL
  - GUY ANCHOR
  - GAS METER
  - SIGN
  - FLAG POLE
  - UTILITY LINE MARKER
  - FENCE POST
  - HANDICAP PARKING SPACE
  - BOLLARD
  - TREE TRUNK AND DRIP LINE (DIAMETER AND SPECIES NOTED)

- DEED LINE
- ADJOINERS APPR. BOUNDARY
- EDGE OF GRAVEL
- EDGE OF ASPHALT
- WHITE PAINT LINE
- FENCE LINE - CHAINLINK
- UNDERGROUND TELEPHONE/FIBER OPTIC LINE
- DITCH LINE
- STORM DRAIN
- SANITARY SEWER LINE
- SEWER FORCE MAIN
- NATURAL GAS LINE
- OVERHEAD ELECTRIC LINE
- UNDERGROUND ELECTRIC LINE
- WATER LINE
- CONTOUR LINES
- RIP-RAP AREA
- TREE DRIP LINE
- SPOT ELEVATION
- IRON PIN FOUND
- RECORD BEARING AND DISTANCE

**SURVEYOR NOTES**

SURVEY PERFORMED BY: THOROUGHbred  
SURVEY TYPE: NON-BOUNDARY TOPOGRAPHIC  
FIELD DATE: 02/20/2025  
METHOD: RTK GNSS  
COORDINATE SYSTEM: NAD83 KY SOUTH  
VERTICAL: NAVD88  
GEOD MODEL: 128  
EQUIPMENT: TRIMBLE R10 / R12 GNSS RECEIVERS, TRIMBLE S7 TOTAL STATION, TRIMBLE TSC7 DATA COLLECTOR, DJI MATRICE 350 RTK, ZENMUSE L2 LIDAR

- SUBJECT TO ALL EASEMENTS AND RIGHTS-OF-WAY RECORDED OR UNRECORDED.
- CURRENCY: DATA REGARDING UTILITIES AND EASEMENTS WERE OBTAINED FROM LOCAL & FEDERAL GOVERNMENT AGENCIES AND FIELD OBSERVATION.
- NO CEMETERY OR BURIAL GROUNDS WERE OBSERVED INSIDE THE SUBJECT TRACTS DURING THE COURSE OF THIS SURVEY.
- FLOOD MAP #21167C0140C EFFECTIVE DATE: 9/17/2008 SHOWS THE SUBJECT SITE IS LOCATED IN FLOOD ZONE X, AREA AT MINIMAL FLOOD HAZARD RISK.
- METHODOLOGY: THE NON-BOUNDARY TOPOGRAPHIC SURVEY SHOWN HEREON IS A TRUE AND CORRECT SURVEY. NO MONUMENTS WERE SET THIS SURVEY. METHOD OF SURVEY WAS CONDUCTED BY GPS RTK (REAL TIME KINEMATIC) WITH A RELATIVE POSITIONAL ACCURACY OF 0.016' + 50 PPM AT A 95% CONFIDENCE LEVEL. THE HORIZONTAL DATUM IS NAD 1983. THE BEARINGS AND DISTANCES SHOWN HEREON ARE BASED ON RECORD DEED OR PLAT INFORMATION ROTATED TO THE KENTUCKY STATE PLANE SOUTH ZONE COORDINATE SYSTEM DERIVED FROM A GPS SURVEY. THE BEARINGS AND DISTANCES SHOWN ON THE PLAT ARE NOT BASED ON AN ADJUSTED TRAVERSE.
- THE CONTOUR INTERVAL SHOWN IS 1' AND IS SOURCED FROM DIRECT GPS MEASUREMENTS WITH TRIMBLE R12 GNSS RECEIVERS AND LIDAR DATA OBTAINED ON THE FIELD DATE ABOVE UTILIZING THE DJI MATRICE DRONE WITH THE ZENMUSE L2 LIDAR SCANNER PAYLOAD.
- ACCURACY: THE TRIMBLE R10 / R12 RECEIVER HAS A STATED HORIZONTAL RTK ACCURACY OF 8MM + 1PPM AND A RTK VERTICAL ACCURACY OF +/- 15 MM + 1 PPM. THE DJI MATRICE WITH ZENMUSE L2 LIDAR PAYLOAD HAS A STATED ACCURACY OF 4 CM VERTICAL AND 5 CM HORIZONTAL.
- PROPERTY OWNERSHIP INFORMATION PROVIDED HEREIN IS BASED ON INFORMATION OBTAINED FROM READILY AVAILABLE SOURCES (I.E., MERCER COUNTY PVA). THEREFORE, NO WARRANTY IS PROVIDED REGARDING THE ACCURACY OF OWNERSHIP INFORMATION OR THE APPROXIMATE GRAPHICAL REPRESENTATIONS OF SUCH (ADJOINING PROPERTY LINES INCLUDING EASEMENTS ETC). THIS SURVEY WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE REPORT.
- DUE TO THE ABOVE, THOROUGHbred ENGINEERING, ASSUMES NO LIABILITY WITH REGARDS TO INFORMATION PERFORMED BY OTHERS, SHOWN OR OTHERWISE INFERRED. NOTHING CONTAINED HEREIN SHALL BE HELD AS A LEGAL WARRANTY, EXPRESSED OR IMPLIED.

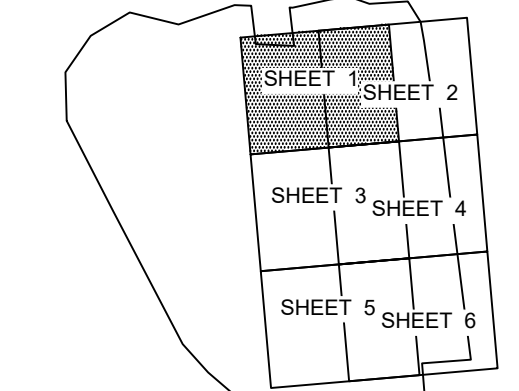


**VICINITY MAP**  
SCALE: 1" = 3000'

**PURPOSE**  
THIS PLAT IS TO ILLUSTRATE THE TOPOGRAPHIC SURVEY OF DEED BOOK 288, PAGE 742.

**PROPERTY OWNER**  
MERCER COUNTY BOARD OF EDUCATION  
530 HARRODSBURG, KY 40330  
DEED BOOK 288, PAGE 742  
DEED BOOK 237, PAGE 531

**SITE STATISTICS**  
ADDRESS: MOBERLY ROAD  
HARRODSBURG, MERCER COUNTY,  
KENTUCKY 40330  
PVA # 046.00-00049.01, 046.00-00060.00  
ZONING: INDUSTRIAL I-2



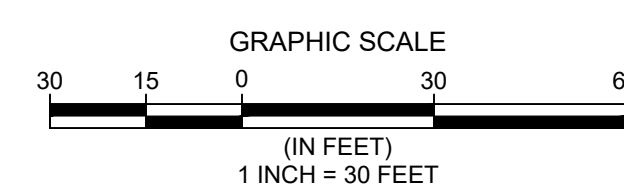
**SHEET INDEX**  
NOT TO SCALE

UTILITIES	
811 TICKET #	251630892, 251641184, 251641181, 251630891, 251630890, 251622635
WATER	
HARRODSBURG MUNICIPAL WATER	
SEWER	
HARRODSBURG SEWER DEPARTMENT	
GAS	
ATMOS ENERGY	
ELECTRIC	
KENTUCKY UTILITIES BLUE GRASS ENERGY	
COMMUNICATIONS	
AT&T DISTRIBUTION SPECTRUM BLUEGRASS NETWORK, LLC	

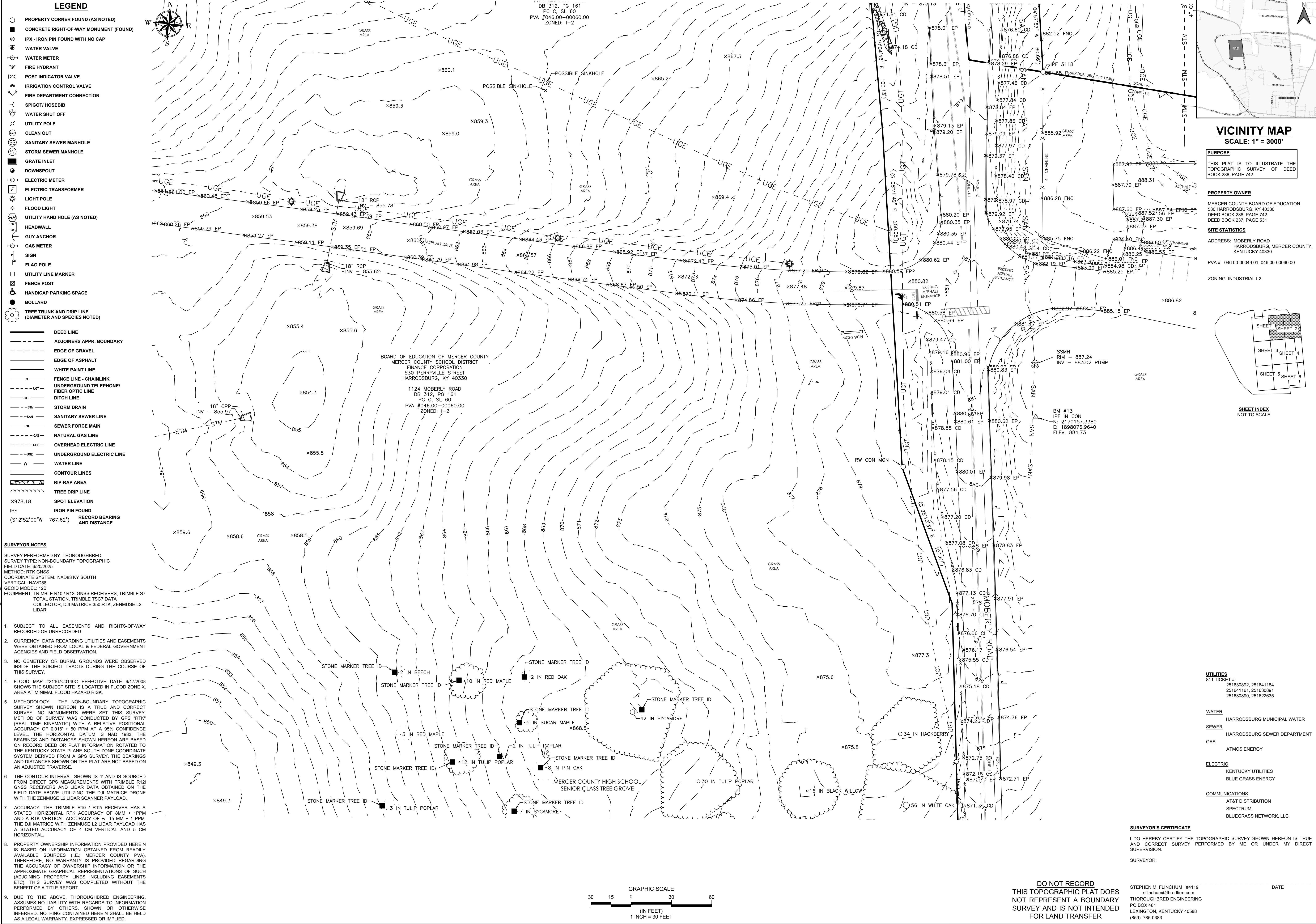
**SURVEYOR'S CERTIFICATE**  
I DO HEREBY CERTIFY THE TOPOGRAPHIC SURVEY SHOWN HEREON IS TRUE AND CORRECT SURVEY PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION.  
SURVEYOR: \_\_\_\_\_

STEPHEN M. FLINCHUM #4119  
sflinchum@tredfirm.com  
THOROUGHbred ENGINEERING  
PO BOX 481  
LEXINGTON, KENTUCKY 40588  
(859) 785-0383

DO NOT RECORD  
THIS TOPOGRAPHIC PLAT DOES  
NOT REPRESENT A BOUNDARY  
SURVEY AND IS NOT INTENDED  
FOR LAND TRANSFER



C:\PROJECTS\THOROUGH\THOROUGH\ENGINEERING\ACTIVE PROJECTS\MERCER COUNTY HIGH SCHOOL - ROSS TARRANT SURVEY\CAD\MCHS\_TOPO\_04.DWG PLOT DATE: 11/4/25 2:16 PM



**THOROUGH BRED**  
DESIGN | ENGINEER | CONSTRUCTOR

**TOPOGRAPHIC SURVEY**  
**AREA 1 - HIGH SCHOOL (FRONT)**  
MOBERLY ROAD, HARRODSBURG,  
MERCER COUNTY, KENTUCKY 40330

**CLIENT:**  
MERCER COUNTY BOARD OF EDUCATION  
530 PERRYVILLE STREET, HARRODSBURG, KY 40330

**CLIENT:**  
ROSS TARRANT ARCHITECTS  
101 OLD LAFAYETTE AVENUE, LEXINGTON, KY 40502

**PROJECT NO.:**  
250194

**DATE:**  
11/4/25

**FILE NAME:**  
MCHS\_TOPO\_04.DWG

**REVISION:**

**DATE:**

**SHEET:**  
2 OF 6

**DATE:**

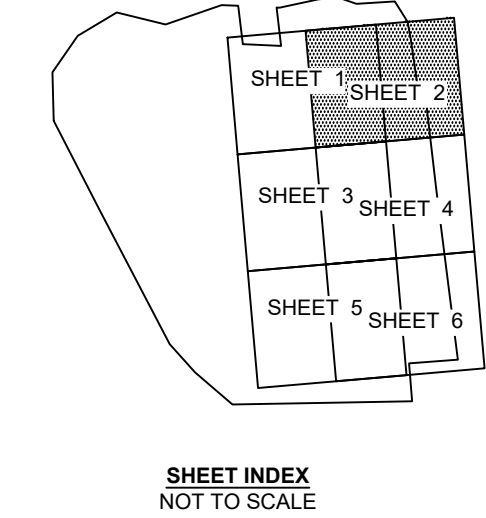
### VICINITY MAP

SCALE: 1" = 3000'

**PURPOSE**  
THIS PLAT IS TO ILLUSTRATE THE TOPOGRAPHIC SURVEY OF DEED BOOK 288, PAGE 742.

**PROPERTY OWNER**  
MERCER COUNTY BOARD OF EDUCATION  
530 HARRODSBURG, KY 40330  
DEED BOOK 288, PAGE 742  
DEED BOOK 237, PAGE 531

**SITE STATISTICS**  
ADDRESS: MOBERLY ROAD  
HARRODSBURG, MERCER COUNTY,  
KENTUCKY 40330  
PVA # 046.00-00049.01, 046.00-00060.00  
ZONING: INDUSTRIAL I-2

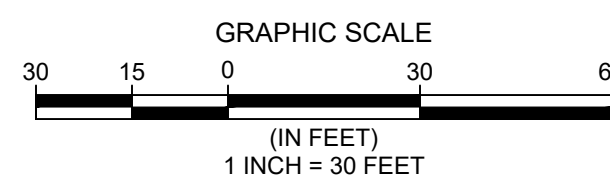


<b>UTILITIES</b>	
811 TICKET #	251630892; 251641184 251641181; 251630891 251630890; 251622635
<b>WATER</b>	
HARRODSBURG MUNICIPAL WATER	
<b>SEWER</b>	
HARRODSBURG SEWER DEPARTMENT	
<b>GAS</b>	
ATMOS ENERGY	
<b>ELECTRIC</b>	
KENTUCKY UTILITIES BLUE GRASS ENERGY	
<b>COMMUNICATIONS</b>	
AT&T DISTRIBUTION SPECTRUM BLUEGRASS NETWORK, LLC	

**SURVEYOR'S CERTIFICATE**  
I DO HEREBY CERTIFY THE TOPOGRAPHIC SURVEY SHOWN HEREON IS TRUE AND CORRECT SURVEY PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION.  
SURVEYOR: \_\_\_\_\_ DATE: \_\_\_\_\_

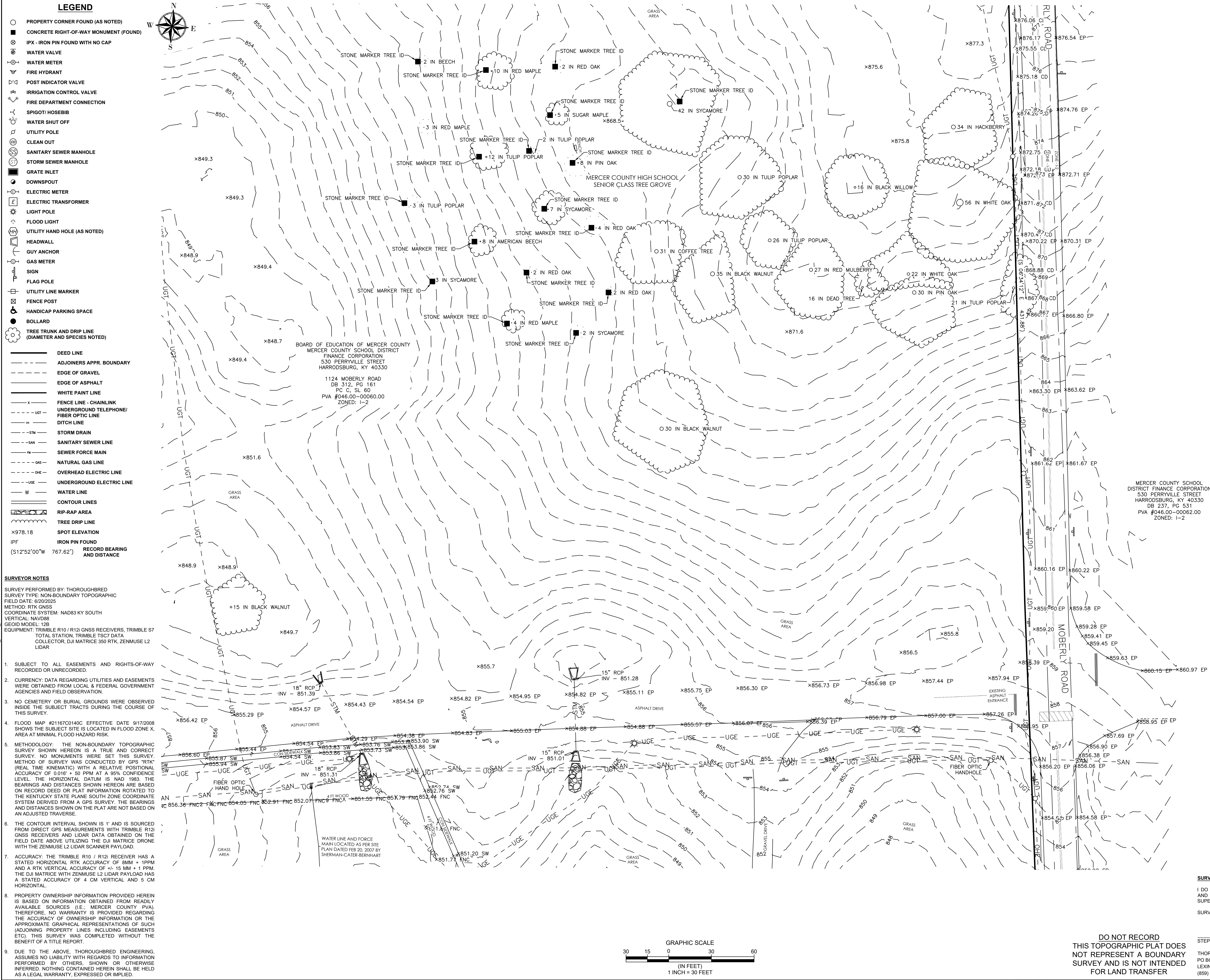
DO NOT RECORD  
THIS TOPOGRAPHIC PLAT DOES  
NOT REPRESENT A BOUNDARY  
SURVEY AND IS NOT INTENDED  
FOR LAND TRANSFER

STEPHEN M. FLINCHUM #4119  
sflinchum@tredm.com  
THOROUGH BRED ENGINEERING  
PO BOX 481  
LEXINGTON, KENTUCKY 40588  
(859) 785-0383



C:\PROJECTS\THOROUGHBREDED\ENGINEERING\ACT\PROJECTS\MERCER COUNTY HIGH SCHOOL - ROSS TARRANT SURVEY\CD\MCHS\_TOPO\_04.DWG  
PLOT DATE: 11/4/2025 8:16 PM





# VICINITY MAP

SCALE: 1" = 3000'

**PURPOSE**

THIS PLAT IS TO ILLUSTRATE THE TOPOGRAPHIC SURVEY OF DEED BOOK 288, PAGE 742.

**PROPERTY OWNER**

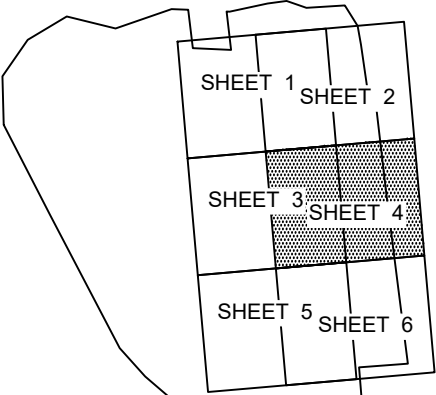
MERCER COUNTY BOARD OF EDUCATION  
530 HARRODSBURG, KY 40330  
DEED BOOK 288, PAGE 742  
DEED BOOK 237, PAGE 531

**SITE STATISTICS**

ADDRESS: MOBERLY ROAD  
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KENTUCKY 40330

PVA # 046.00-00049.01, 046.00-00060.00

ZONING: INDUSTRIAL I-2



**SHEET INDEX**  
**NOT TO SCALE**

MERCER COUNTY SCHOOL  
DISTRICT FINANCE CORPORATION  
530 PERRYVILLE STREET  
HARRODSBURG, KY 40330  
DB 237, PG 531  
PVA #046.00-00062.00  
ZONED: I-2

<u>UTILITIES</u>	
811 TICKET #	
	251630892, 251641184
	251641161, 251630891
	251630890, 251622635
<u>WATER</u>	
	HARRODSBURG MUNICIPAL WATER
<u>SEWER</u>	
	HARRODSBURG SEWER DEPARTMENT
<u>GAS</u>	
	ATMOS ENERGY
<u>ELECTRIC</u>	
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	BLUE GRASS ENERGY
<u>COMMUNICATIONS</u>	
	AT&T DISTRIBUTION
	SPECTRUM
	BLUEGRASS NETWORK, LLC

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SURVEYOR: \_\_\_\_\_

STEPHEN M. FLINCHUM #4119 sflinchum@tbredfirm.com THOROUGHbred ENGINEERING PO BOX 481 LEXINGTON, KENTUCKY 40588 (859) 785-0383	DATE
---	------

**P.O. BOX 481 LEXINGTON, KY 40588**  
**(859) 785-0383**  
**CIVIL DESIGN, LAND SURVEYING, ARCHITECTURE,  
GEOTECHNICAL ENGINEERING, DRILLING SERVICES,  
IBC SPECIAL INSPECTIONS, MATERIAL TESTING,  
CM-CEI-CONSTRUCTION SERVICES**



**THOROUGHBRED**  
DESIGN | ENGINEER | CONSTRUCT


**TOPOGRAPHIC SURVEY**  
**AREA 1 - HIGH SCHOOL (FRONT)**  
MOBERLY ROAD, HARRODSBURG,  
MERCER COUNTY, KENTUCKY 40330

**MERCER COUNTY BOARD OF EDUCATION**  
530 PERRYVILLE STREET, HARRODSBURG, KY 40330

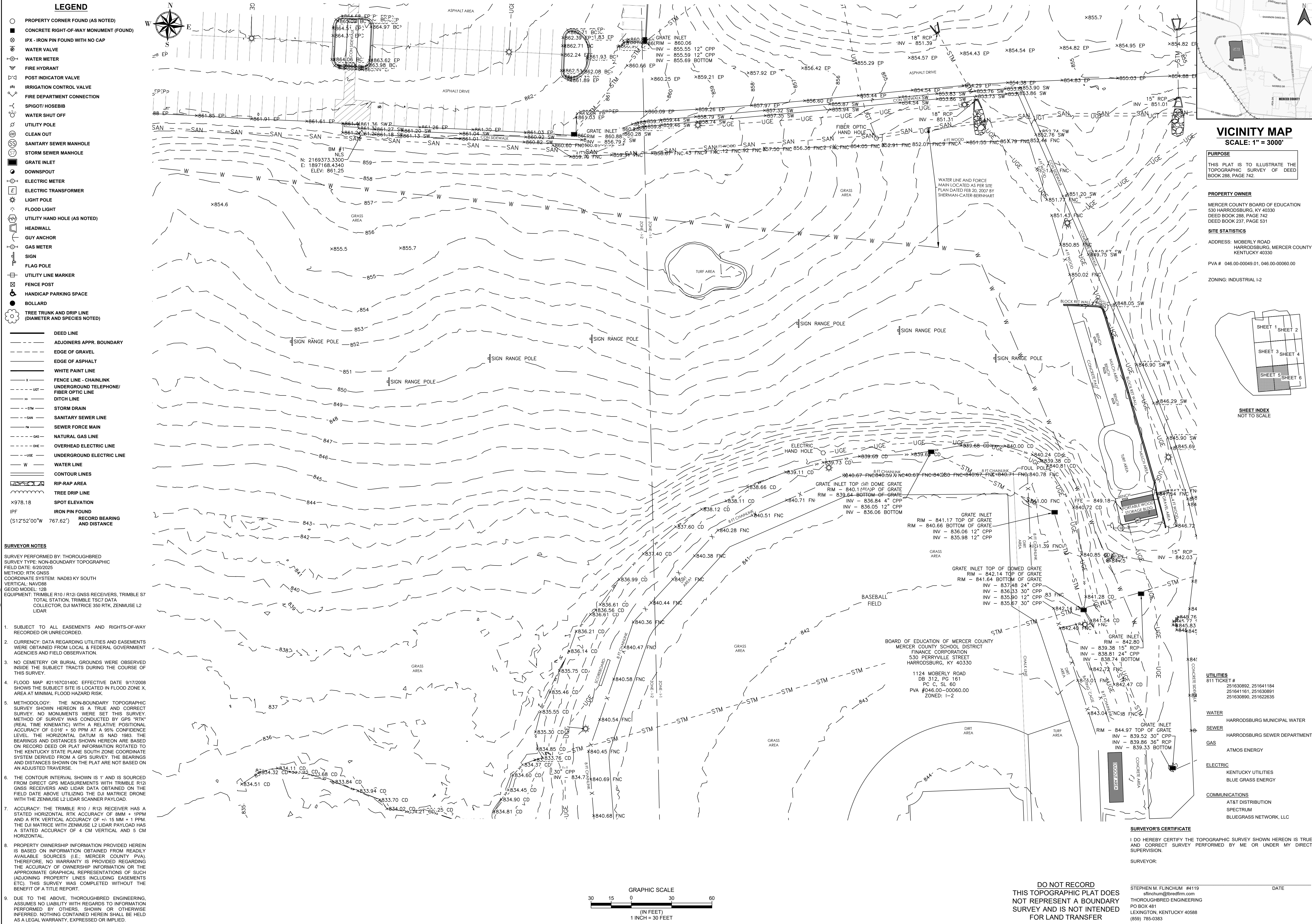
**CLIENT:**  
**ROSS TARRANT ARCHITECTS**

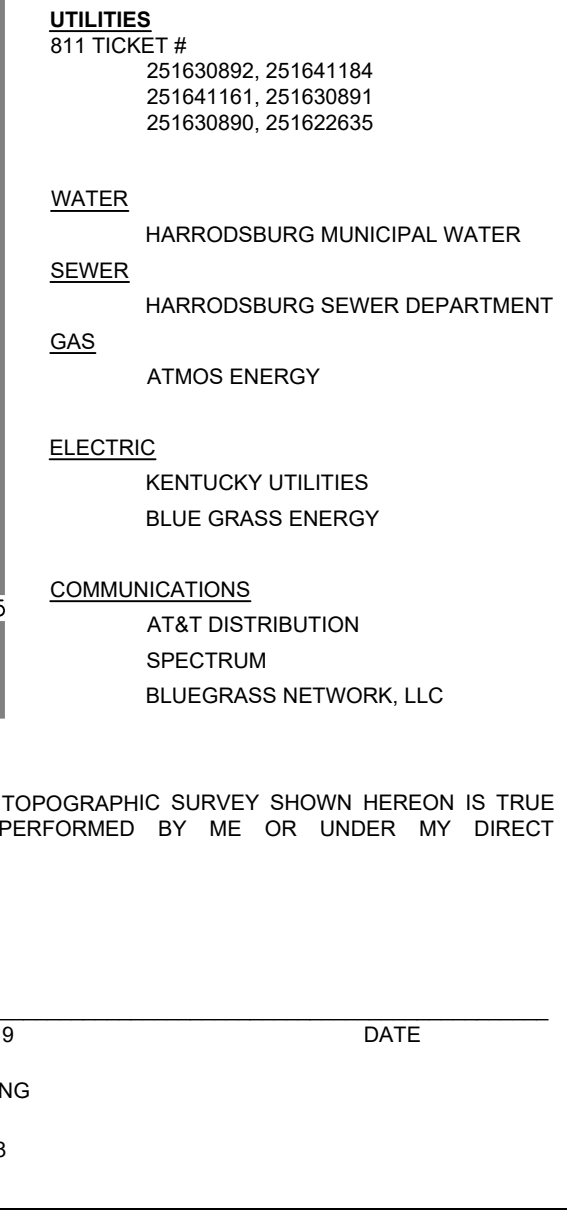
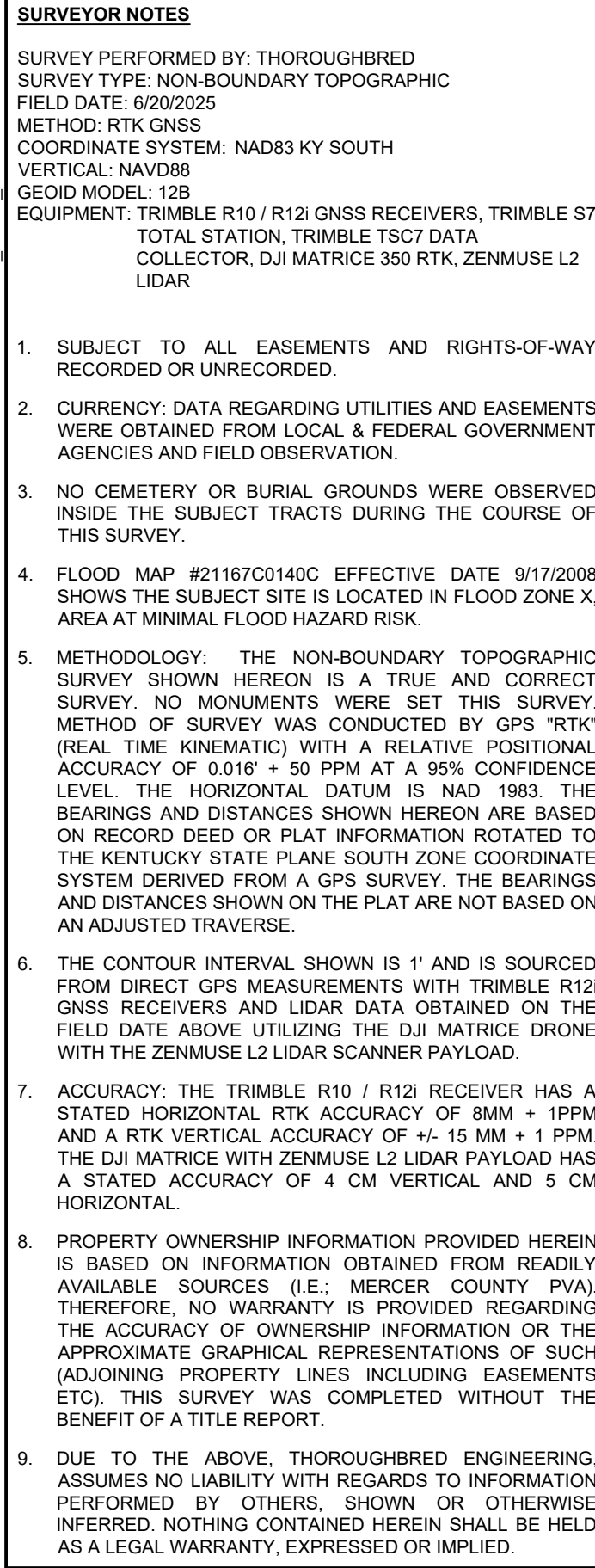
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DATE: 11/4/25	REVIEWED BY:
FILENAME:	

REVISION:	DATE:
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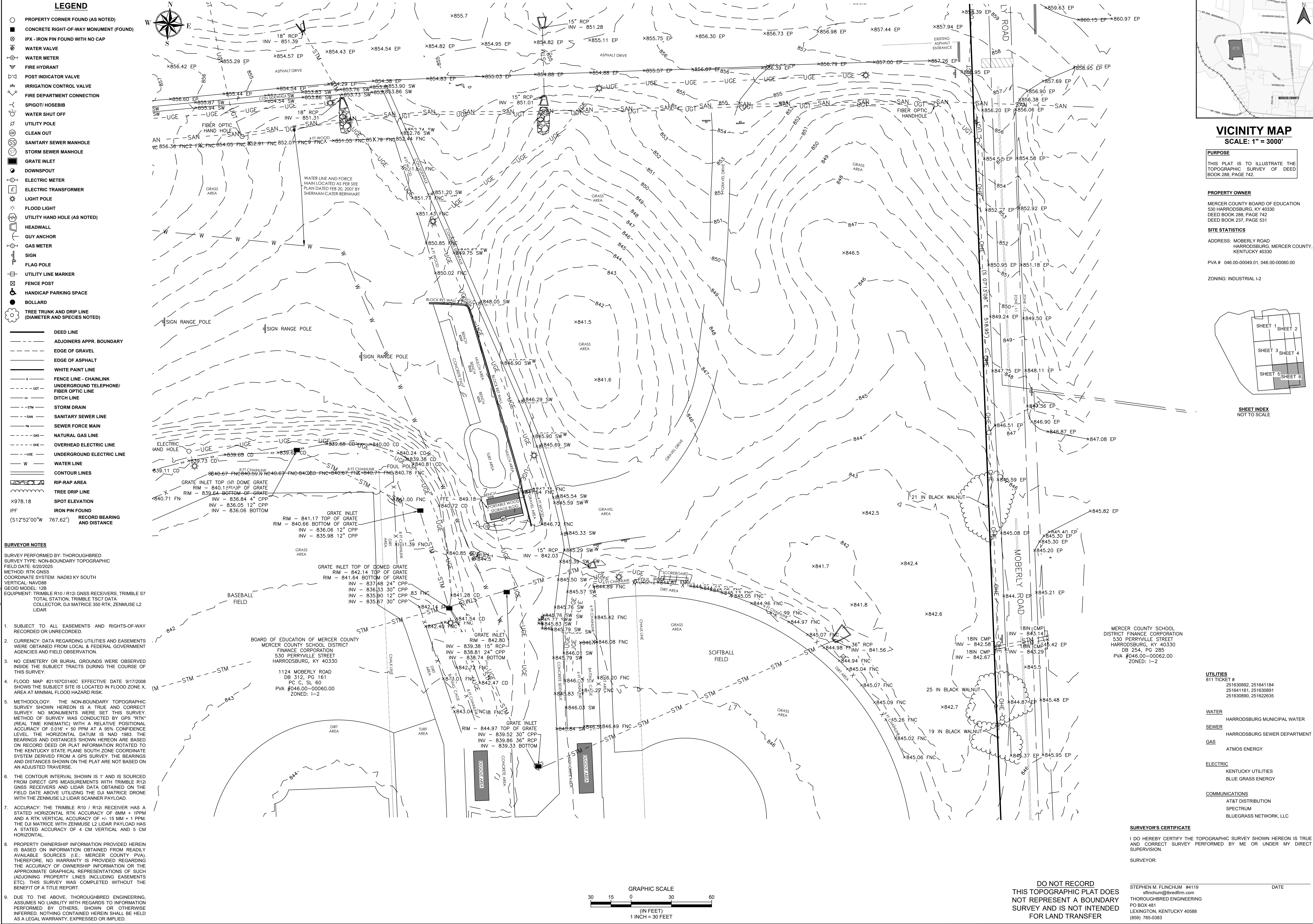


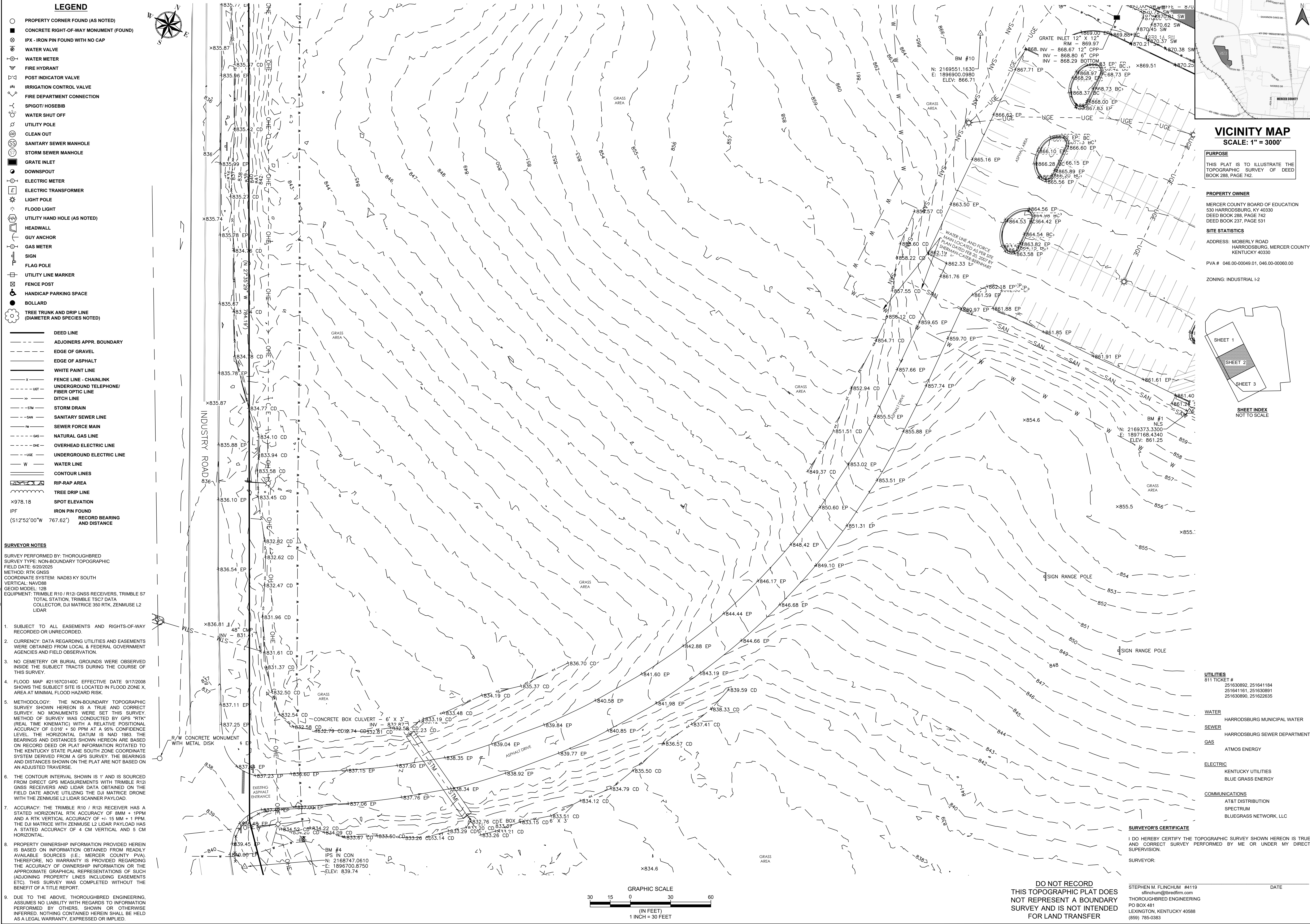
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PLOT DATE: 11/4/2025 8:17 PM

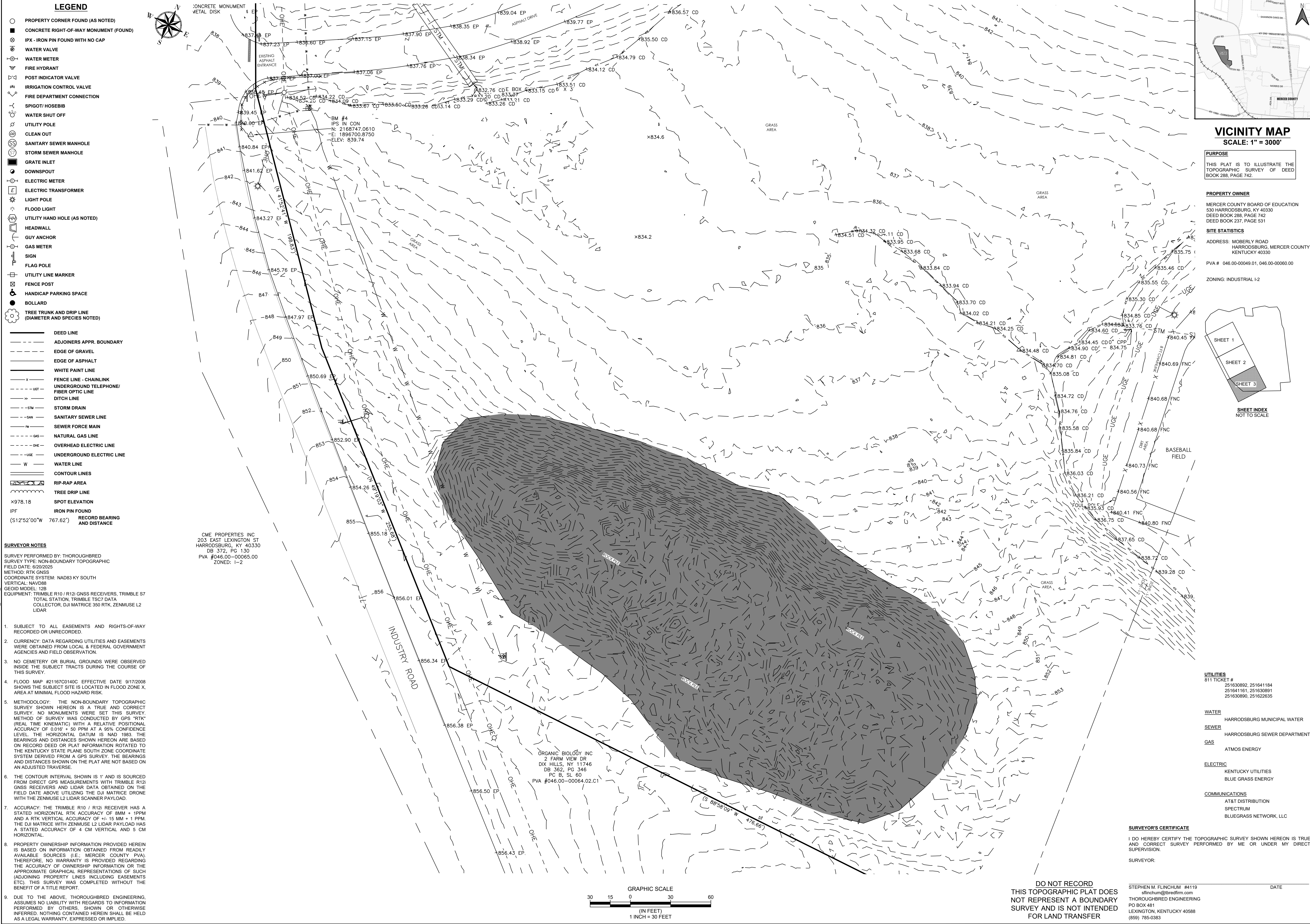


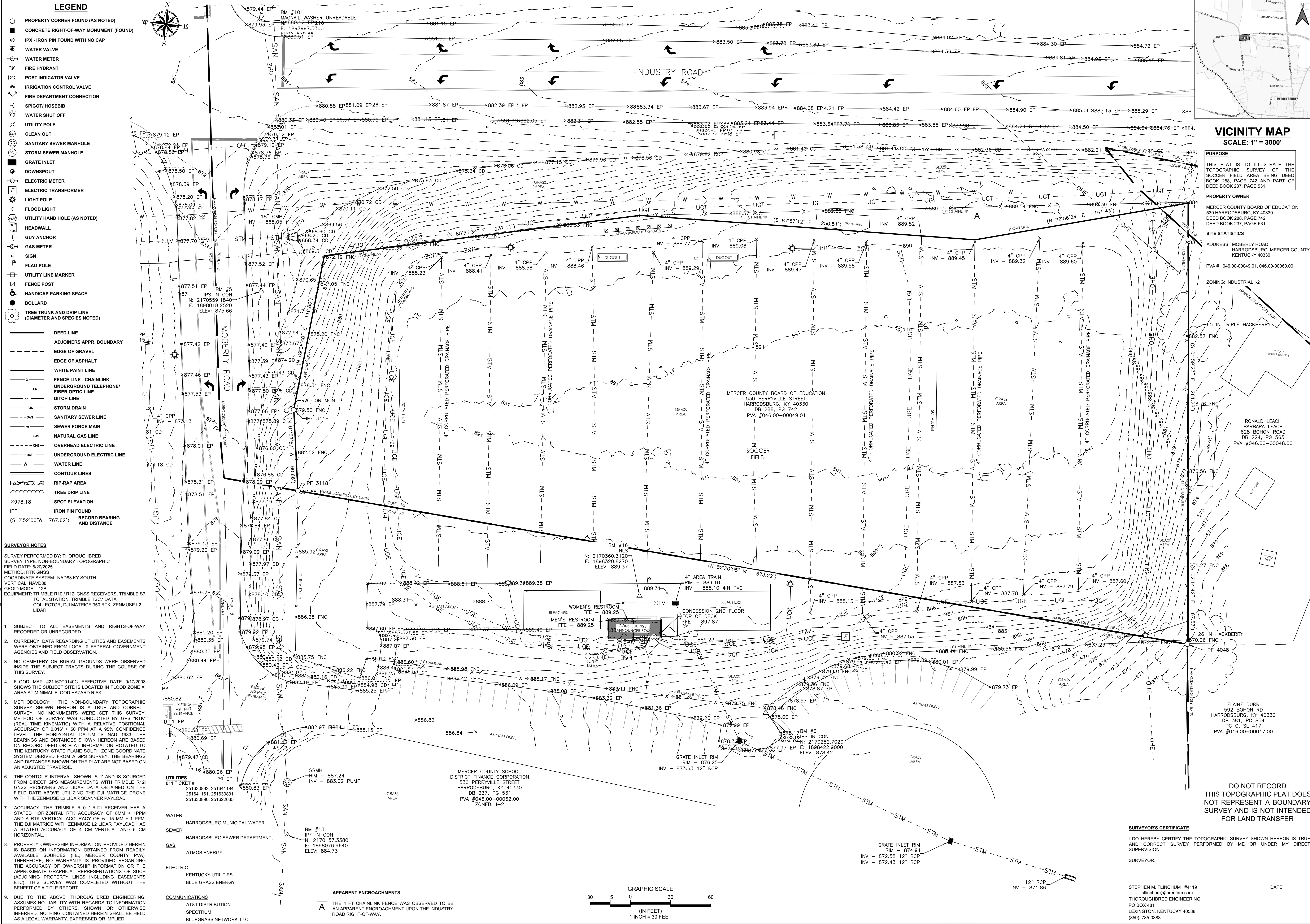


C:\PROJECTS\THOROUGH\THOROUGH\ENGINEERING\ACTIVE PROJECTS\MERCER COUNTY HIGH SCHOOL - ROSS TARRANT SURVEY\CAD\MCHS\_TOPO\_04.DWG  
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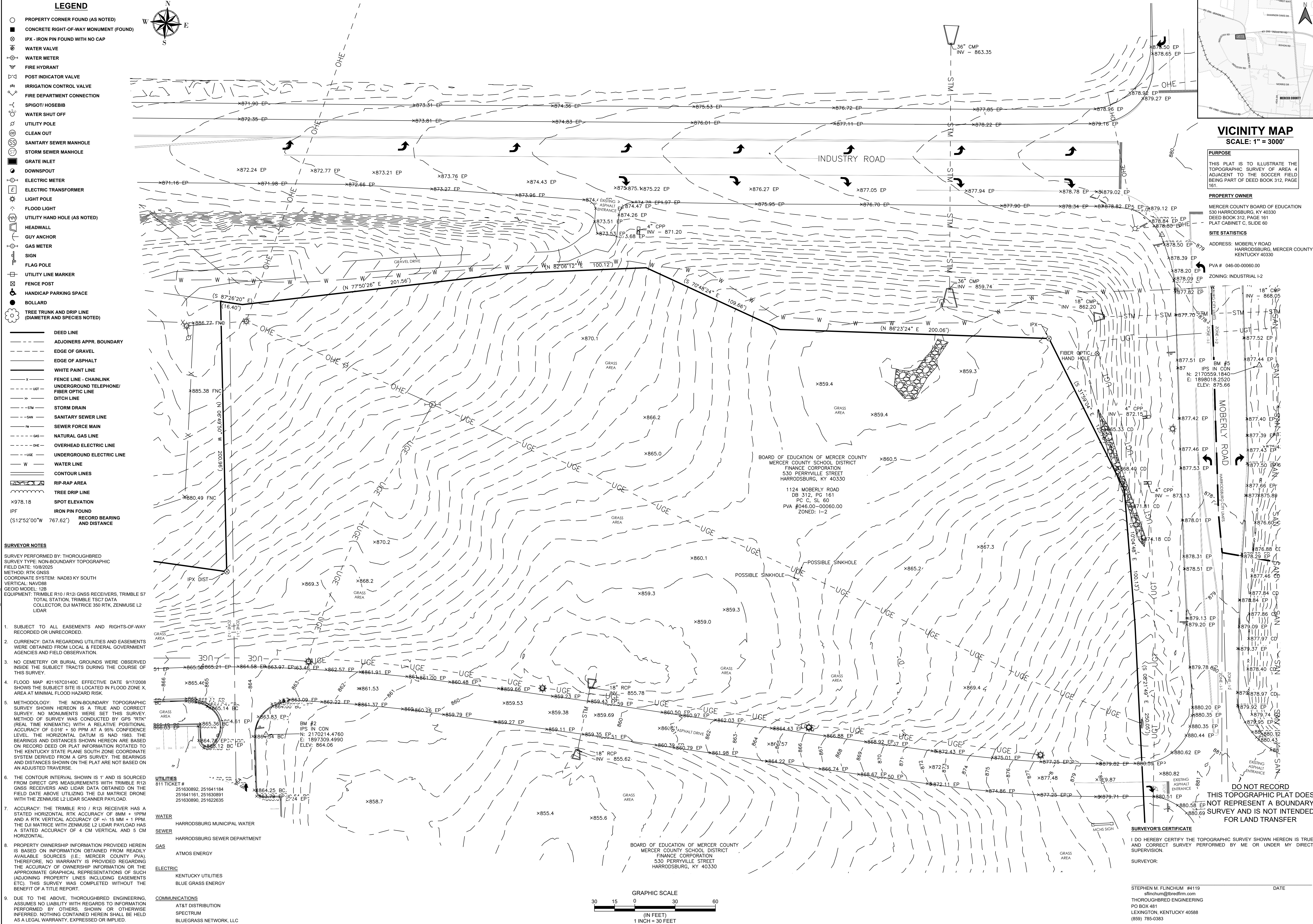









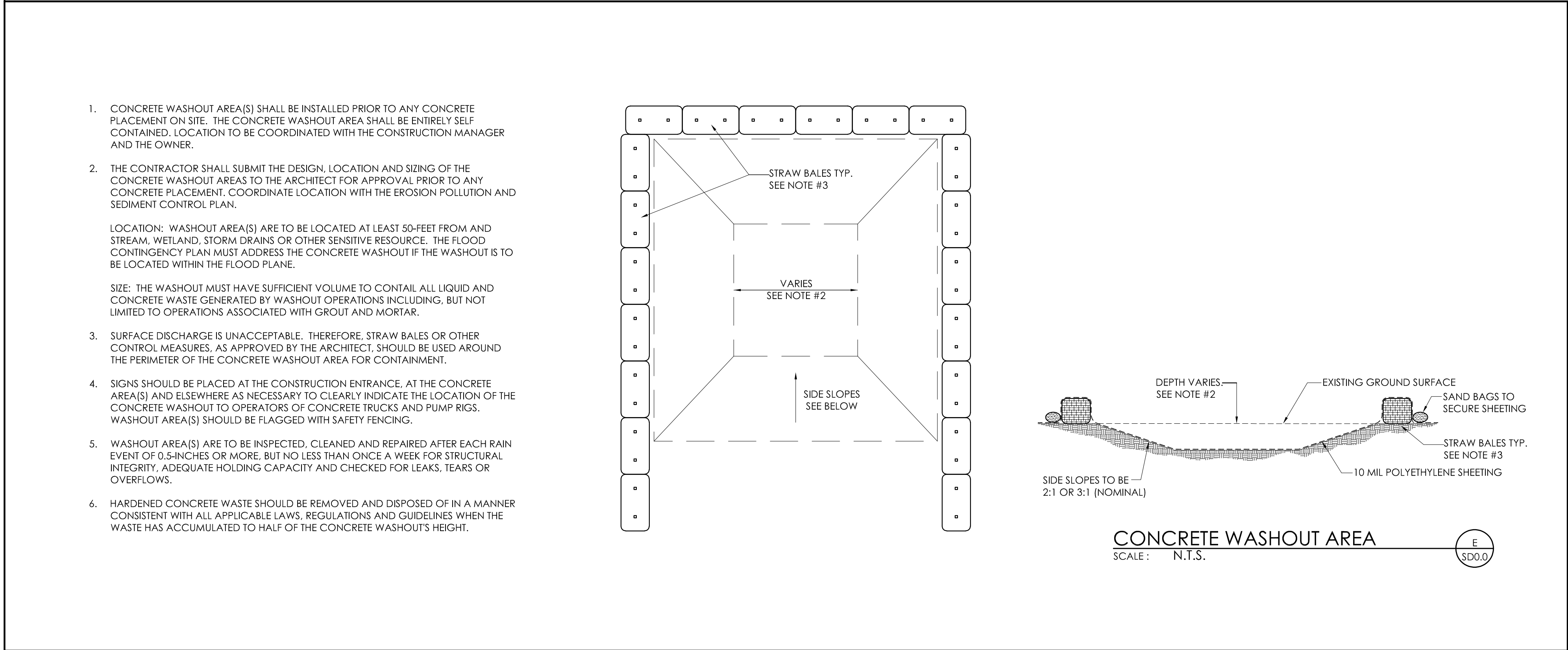
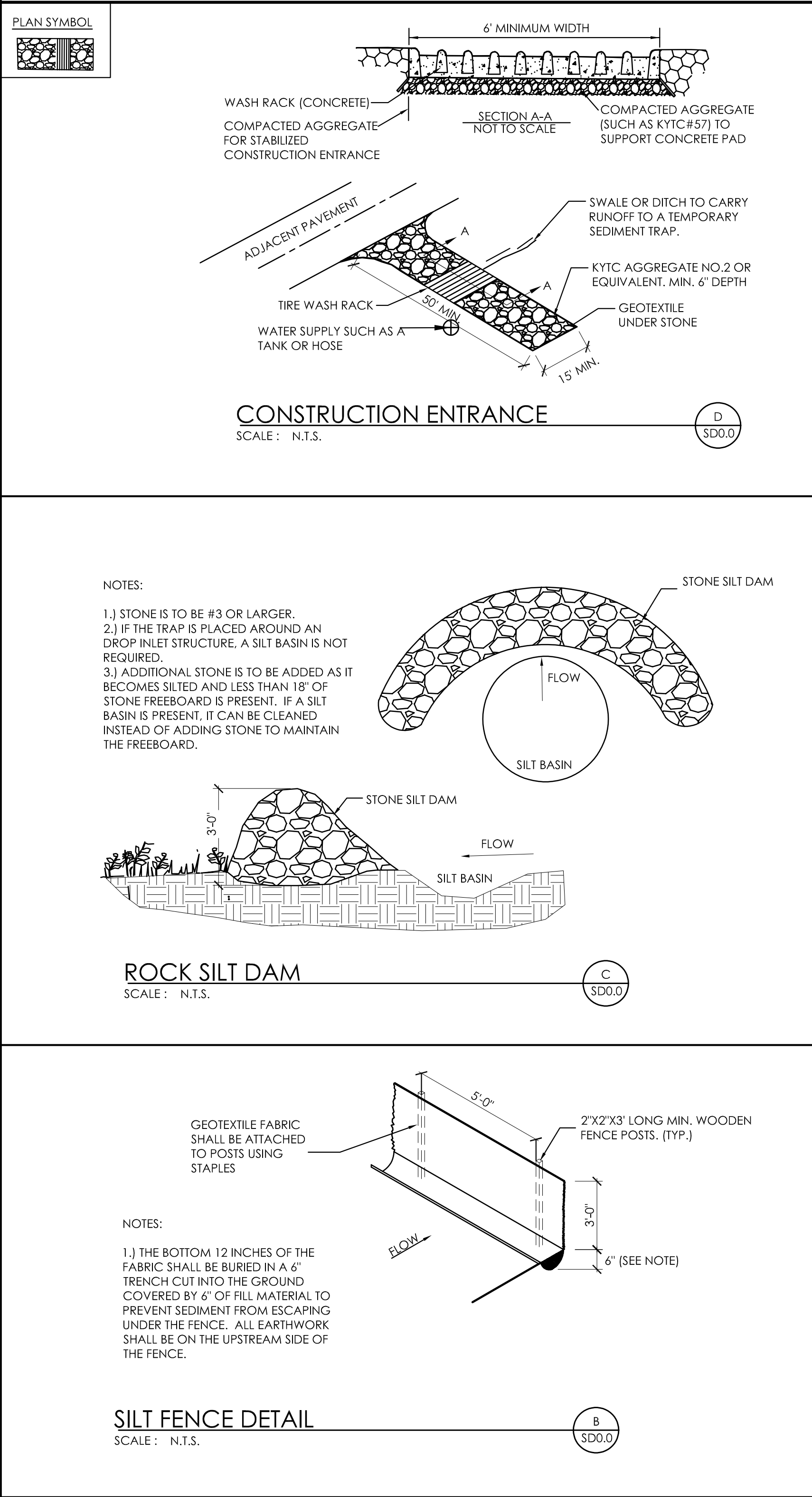
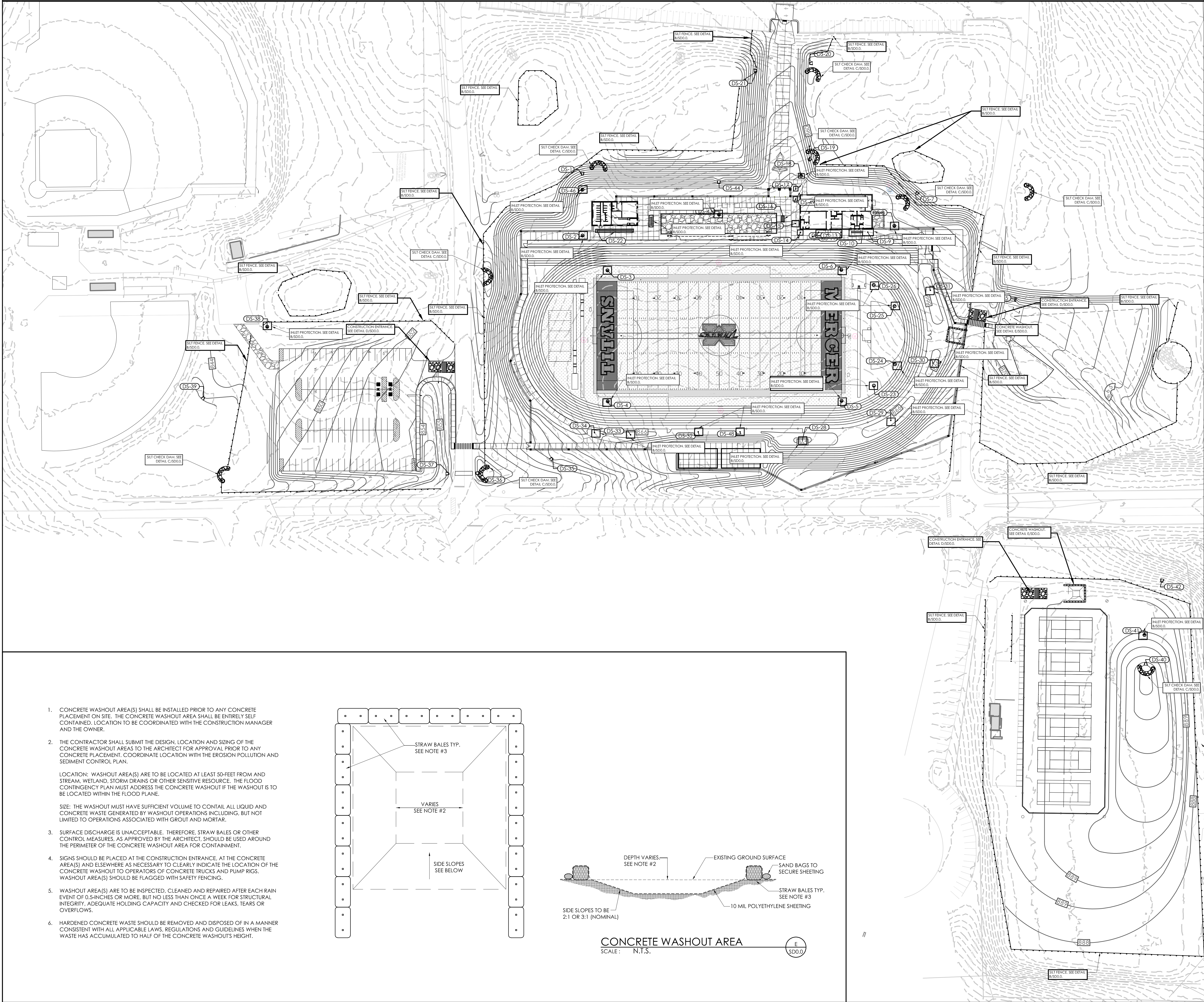




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GENERAL SITE NOTES	SITE BMP NOTES	LEGEND
<div>1. THE SITE PLANS WERE PREPARED BASED UPON TOPOGRAPHIC SURVEYS BY THOROUGHRED ENGINEERING, 239 N BROADWAY, LEXINGTON, KY, 40507. REFER TO SITE SURVEY SHEETS.</div> <div>2. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SITE FEATURES AND CONDITIONS. REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO THE START OF CONSTRUCTION.</div> <div>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.</div> <div>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.</div> <div>5. SEE EROSION POLLUTION AND SEDIMENT CONTROL PLAN ON SD0.0 FOR RECOMMENDED BEST MANAGEMENT PRACTICES INFORMATION AND SEDIMENT CONTROLS.</div> <div>6. REFER TO CONSTRUCTION MANAGER'S PLANS AND SPECIFICATIONS FOR INFORMATION REGARDING CONSTRUCTION SCHEDULE/SEQUENCING, CONSTRUCTION FENCING/STAGING.</div>	<div>1. CONTRACTOR IS TO PROVIDE ALL KPDES PERMITS, NOTICES OF INTENT (NOIS) AND NOTICES OF TERMINATION INCLUDING EROSION AND SEDIMENT CONTROL PLANS FOR ALL PHASES OF CONSTRUCTION. ALL KPDES AND RELATED DIVISION OF WATER REQUIREMENTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL THE PROJECT IS CLOSED OUT AND THE NOTICE OF TERMINATION APPROVED.</div> <div>2. SEDIMENT CONTROL FENCING SHOWN AND REFERENCES TO SEDIMENT CONTROLS AT STORM WATER STRUCTURES AND ELSEWHERE ON THE DOCUMENTS ARE NOT TO BE USED FOR DIVISION OF WATER REQUIREMENTS. THESE REFERENCES ARE ONLY REQUIRED BY THE DESIGNER FOR PROPER MAINTENANCE OF THE STORM WATER SYSTEM AND TO MINIMIZE CLEANING OF THE SYSTEM AND PAVEMENTS.</div> <div>3. EXISTING VEGETATION IS TO BE LEFT INTACT UNTIL CONSTRUCTION IN THAT PARTICULAR LOCATION IS REQUIRED. SOIL STABILIZATION PRACTICES (SEEDING, MULCHING, ETC.) ARE TO BEGIN WITHIN 14 DAYS OF PERMANENT COMPLETION OR TEMPORARY HALT (21 DAYS OR MORE) OF WORK IN ANY PARTICULAR AREA.</div> <div>4. PERIMETER SEDIMENT AND EROSION CONTROLS ARE TO BE INSTALLED PRIOR TO THE START OF SITE CLEARING AND GRUBBING. EROSION CONTROLS SHALL BE IN ACCORDANCE WITH KYTC. CONTROL SHALL BE ACCOMPLISHED BY USE OF INTERCEPTOR DITCHES, DITCH SILT CHECKS, TEMPORARY SEEDING AND OTHER MEASURES AS MAY BE EFFECTIVE IN ACHIEVING THE DESIRED EFFECT. SILT FENCE SHALL BE INSTALLED TO PREVENT EROSION AND WASH-OFF ONTO PATHS, PAVEMENTS AND ALL ADJOINING PROPERTIES.</div> <div>5. INSTALL SEDIMENT CONTROL FENCE OR SEDIMENT TRAPS AROUND ALL STORM WATER INLETS AND MAINTAIN UNTIL VEGETATION IS ESTABLISHED OR AREA PAVED AS APPROVED BY THE ARCHITECT. STORM WATER INLET PROTECTION IS TO BE INSTALLED IMMEDIATELY AFTER INSTALLATION OF THE STRUCTURES. REMOVE PROTECTIONS AT THE COMPLETION OF THE PROJECT WHEN CONDITIONS NO LONGER WARRANT THEIR USE. SEE EROSION POLLUTION AND SEDIMENT CONTROL PLAN FOR DETAILS.</div> <div>6. TYPICAL SILT FENCE AND SEDIMENT TRAP INSTALLATION DETAILS ARE SHOWN ON THE EROSION POLLUTION AND SEDIMENT CONTROL PLAN. SEE KYTC STANDARDS FOR INFORMATION CONCERNING THE STONE SILT CHECKS.</div> <div>7. SEDIMENT CONTROLS ARE TO BE INSPECTED, CLEANED AND REPAIRED AFTER EACH RAIN EVENT OF 0.5 INCHES OR MORE, BUT NO LESS THAN ONCE PER WEEK. A LOG OF INSPECTIONS AND CLEANING IS TO BE KEPT ON SITE.</div> <div>8. THE LOCATIONS OF SEDIMENT CONTROLS SHOWN ARE FOR GENERAL PROTECTION PRACTICES AND NOT AS PART OF A BMP PLAN. IF CONSTRUCTION ACTIVITIES PRODUCE CONDITIONS THAT REQUIRE ADDITIONAL CONTROLS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE, INSTALL AND MAINTAIN THE CONTROLS UNTIL CONDITIONS NO LONGER WARRANT THEIR USE.</div> <div>9. ALL STORM DRAINAGE CATCH BASINS, CURB INLETS, AND JUNCTIONS BOXES ARE TO RECEIVE PROTECTION FROM SEDIMENTATION. AT A MINIMUM A PERIMETER SILT FENCE SHOULD BE INSTALLED AROUND THE DRAINAGE STRUCTURE AND INSTALLED UNDER THE GRATE.</div> <div>10. LOCATION OF CONSTRUCTION ENTRANCE TO BE COORDINATED WITH OWNER. SEE DETAIL D/SD0.0.</div> <div>11. LOCATION OF CONCRETE WASHOUT AREA TO BE COORDINATED WITH OWNER. SEE DETAIL E/SD0.0.</div> <div>12. EXTENTS OF SILT FENCE SHOWN ARE A MINIMUM REQUIREMENT. SILT FENCE IS TO BE ADDED/ADJUSTED AS NECESSARY FOR SOIL STOCKPILES.</div> <div>13. LOCATION OF SOIL STOCKPILES IS TO BE COORDINATED BETWEEN THE OWNER AND THE CONSTRUCTION MANAGER. ANY AREAS USED FOR STOCKPILES ARE TO BE RETURNED TO THEIR ORIGINAL CONDITION.</div>	<div> SEDIMENT CONTROL FENCE. ADDITIONAL FENCE MAY BE REQUIRED AT OTHER AREAS DURING CONSTRUCTION. SEE DETAIL B/SD0.0.</div> <div> SILT CHECK DAM - SEE DETAIL C/SD0.0.</div> <div> INLET PROTECTION. SEE DETAIL B/SD0.0.</div> <div> CONSTRUCTION ENTRANCE. SEE DETAIL D/SD0.0.</div> <div> CONCRETE WASHOUT AREA. SEE E/SD0.0.</div>



EROSION POLLUTION AND SEDIMENT CONTROL PLAN

SCALE: 1"=60'

A

SD0.0

EROSION POLLUTION AND SEDIMENT CONTROL PLAN

MERCER COUNTY ATHLETICS - PHASE 2

FOR:

MERCER COUNTY BOARD OF EDUCATION

HARRODSBURG, KY

BG

Project No: 25012  
Drawn By: MJ  
Rev'd By: LMR/MMB/DS

SHEET RELEASE

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CONSTRUCTION DOCUMENTS

SD0.0

EROSION POLLUTION AND SEDIMENT CONTROL PLAN

DATE ISSUED:  
MARCH 5, 2026

NOT FOR CONSTRUCTION

rostarant architects

a MORE group brand

101 old taylorville avenue | lewington, kentucky 40502 | p.659.254.4018

## GENERAL SITE NOTES

1. THE SITE PLANS WERE PREPARED BASED UPON TOPOGRAPHIC SURVEYS BY THOROUGHBRIDGE ENGINEERING, 239 N BROADWAY, LEWISTON, 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 ARCHITECTS 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 AROUND 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 SD0.0 FOR RECOMMENDED BEST MANAGEMENT PRACTICES INFORMATION AND SEDIMENT CONTROLS.
6. REFER TO CONSTRUCTION MANAGER'S PLANS AND SPECIFICATIONS FOR INFORMATION REGARDING CONSTRUCTION SCHEDULE/SEQUENCING, CONSTRUCTION FENCING/STAGING.

SITE DEMOLITION TAGS	
<p>EXISTING TO REMAIN. PROTECT THROUGHOUT CONSTRUCTION.</p> <p>[c] BUILDING TO REMAIN. NO UTILITIES TO THESE FACILITIES ARE TO BE REMOVED UNLESS NEW PERMANENT UTILITY IS PROVIDED PRIOR TO DEMOLITION.</p> <p>[b] PAVEMENT TO REMAIN - PATCH/REPAIR WHERE DAMAGED BY CONSTRUCTION. SAW-CUT TO PROVIDE CLEAN EDGE. CONCRETE PAVING TO BE SAW-CUT BACK TO NEAREST UNDAMAGED CONTROL OR ISOLATION JOINT. MATCH NEW ADJACENT PAVEMENT TO EXISTING PAVEMENT ELEVATIONS.</p> <p>[c] TREE/VEGETATION TO REMAIN.</p> <p>[d] UTILITY TO REMAIN.</p> <p>[e] GRAVEL PAVING TO REMAIN.</p> <p>[f] STORM LINE/STRUCTURE TO REMAIN.</p> <p>[g] FENCING TO REMAIN.</p> <p>[h] SIGNAGE TO REMAIN.</p>	<p>DEMOLISH AND REMOVE EXISTING TREES / SHRUBS / LANDSCAPING. REMOVE STUMPS COMPLETELY.</p> <p>DEMOLISH AND REMOVE EXISTING ASPHALT PAVEMENT AND AGGREGATE BASE.</p> <p>DEMOLISH AND REMOVE EXISTING CONCRETE CURB/CURBS AND GUTTER. SAW CUT TO PROVIDE CLEAN TRANSITION FOR ADJACENT NEW CURB.</p> <p>DEMOLISH AND REMOVE EXISTING GRAVEL PAVEMENT.</p> <p>DEMOLISH AND REMOVE EXISTING UTILITY LINE/STRUCTURE. SEE MEP DRAWINGS FOR ADDITIONAL INFORMATION.</p> <p>DEMOLISH AND REMOVE EXISTING STORM LINE/STRUCTURE.</p> <p>DEMOLISH, REMOVE, AND RETURN TO OWNER EXISTING ATHLETIC EQUIPMENT.</p>







## LEGEND

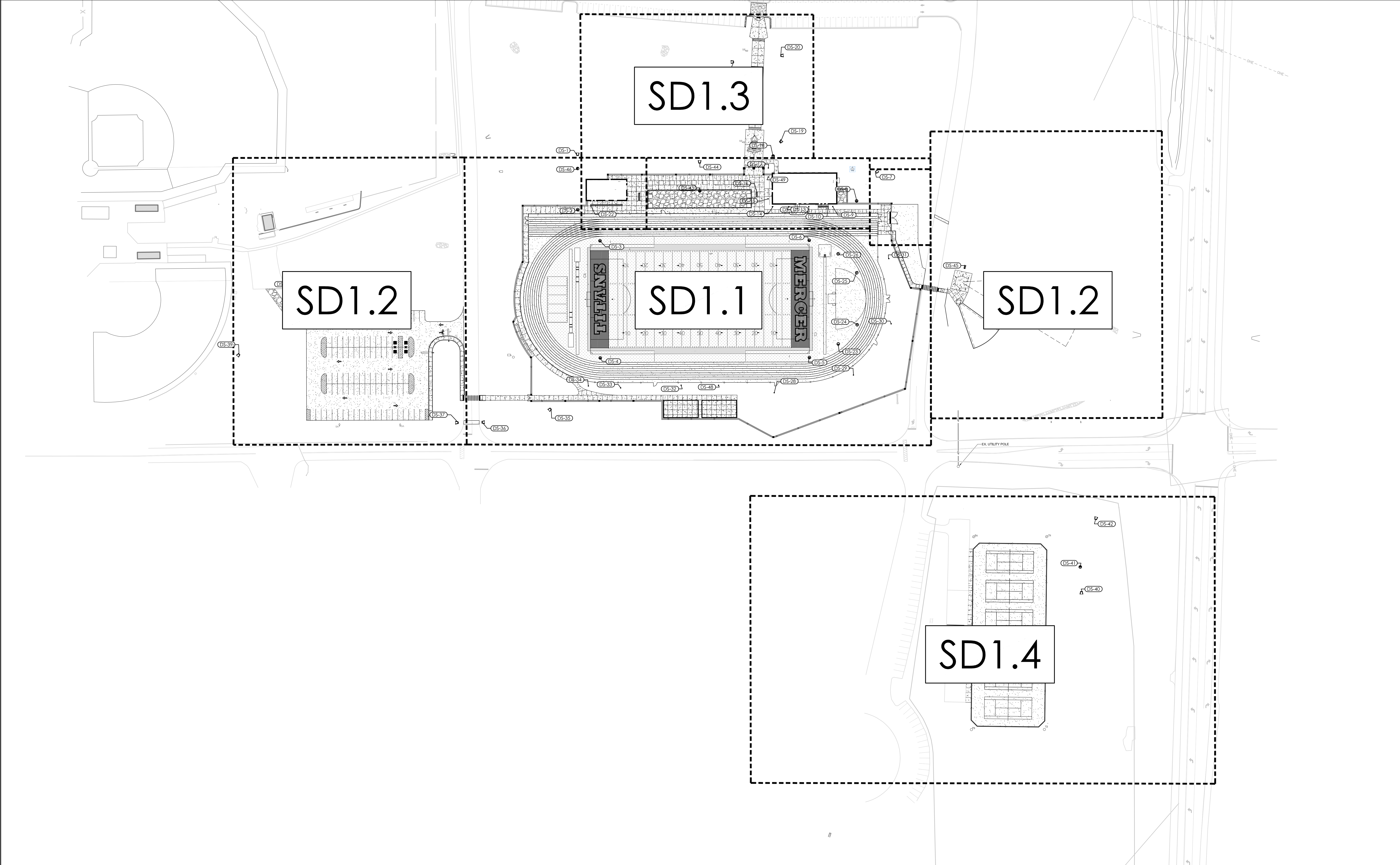
	<p>ASPHALT PAVEMENT DEMOLITION</p>		<p>EXISTING VEGETATION TO BE DEMOLISHED.</p>
	<p>GRAVEL PAVEMENT DEMOLITION</p>		

**SD0.1**  
SITE DEMOLITION PLAN

DATE ISSUED:  
MARCH 5, 2026

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GENERAL SITE NOTES		SITE DEVELOPMENT TAGS										LEGEND								
1. THE SITE PLANS WERE PREPARED BASED UPON TOPOGRAPHIC SURVEYS BY THOROUGHRED ENGINEERING, 239 N BROADWAY, LEXINGTON, KY, 40507. REFER TO SITE SURVEY SHEETS.	0	EXISTING TO REMAIN. PROTECT THROUGHOUT CONSTRUCTION.		2	CONCRETE PAVEMENT (321313, 321373) [a] BUILDING TO REMAIN. NO UTILITIES TO THESE FACILITIES ARE TO BE REMOVED UNLESS NEW PERMANENT UTILITY IS PROVIDED PRIOR TO DEMOLITION.		5	CONCRETE UNIT PAVER [a] CONCRETE UNIT PAVER 'RED'. SEE DETAIL C/SD4.4.		15	ORNAMENTAL FENCING (323119, 323131) FINAL COLORS TO BE SUBMITTED FOR APPROVAL BY ARCHITECT AND OWNER.		17	SHOT PUT PAD, TOE BOARD AND THROW FORM. (114633.43, 321613.33)			CONCRETE PAVEMENT	19	ISOLATION JOINT	
		[b] PAVEMENT TO REMAIN - PATCH/REPAIR WHERE DAMAGED BY CONSTRUCTION. SAW-CUT TO PROVIDE CLEAN EDGE. CONCRETE PAVING TO BE SAW-CUT BACK TO NEAREST UNDAMAGED CONTROL OR ISOLATION JOINT. MATCH NEW ADJACENT PAVEMENT TO EXISTING PAVEMENT ELEVATIONS.		3	CONCRETE CURB (321313, 321613, 321726) [a] 6" WIDTH HEADER CURB. SEE DETAIL L/SD4.4. [b] ACCESSIBLE DROPPED CURB TYPE 'A' RAMP. SEE DETAILS F/SD4.2. [c] CONCRETE BAND. SEE DETAIL D/SD4.2. [d] FLUSH HEADER CURB AT SYNTHETIC TURF. SEE DETAIL E/SD4.2. [e] CONCRETE CURB AND GUTTER. SEE DETAIL I/SD4.2. [f] ACCESSIBLE DROPPED CURB TYPE 'B' RAMP. SEE DETAILS G/SD4.2. [g] CONCRETE FENCE BAND 2'-4". SEE DETAIL D/SD4.2.		6	TRAFFIC SIGNAGE (SINGLE POST). (101453) [a] TRAFFIC SIGN 'STOP'. SEE DETAIL M/SD4.4. [b] ACCESSIBLE PARKING SIGN. SEE DETAIL F/SD4.4.		16	[c] FIELD AREA. COLORS TO BE ALTERNATING GREEN. [d] MID FIELD LOGO. SEE DETAIL B/SD4.3. [e] END ZONE TEXT ON ROYAL BLUE BACKGROUND. SEE DETAIL D/SD4.3. [f] FOOTBALL FIELD NUMBERS AND MARKINGS. WHITE AND BLUE. SEE DETAIL C/SD4.3. [g] SOCCER FIELD MARKINGS. COLOR TO BE BLACK. [h] FOOTBALL COACHES AREA. COLOR TO BE WHITE. [i] FOOTBALL 20 YARD LINE TO BE RED, WHITE, BLUE. [j] OUTER FIELD AREA. COLOR TO BE GREEN. [k] FOOTBALL DRILL AREA. STRIPING TO BE WHITE.		18	[c] SHOT PUT LANDING AREA. SEE DETAIL J/SD4.2. [d] SHOT PUT PAD AND TOE BOARD. SEE DETAIL N/SD4.2.			GRAVEL			SYNTHETIC TURF
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.	1	[c] TREE/VEGETATION TO REMAIN. [d] UTILITY TO REMAIN. [e] GRAVEL PAVING TO REMAIN. [f] FENCING TO REMAIN. [g] STORM LINE/STRUCTURE TO REMAIN. [h] SIGNAGE TO REMAIN.		4	PAINTED PAVEMENT MARKINGS. (321723.13) [a] 4" PAVING STRIPING, WHITE. [b] ACCESSIBLE PARKING STRIPING. SEE DETAIL F/SD4.4. [c] PAINTED TRAFFIC STOP BAR, 12"x12" WHITE. [d] TRAFFIC ARROW. SEE DETAIL B/SD4.4. [e] PAINTED CROSSWALK. SEE DETAIL A/SD4.4.		7	STRUCTURE. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION. [a] CANOPY.		17	CHAIN LINK FENCING (323113) [a] 3'-6" HEIGHT VINYL COATED CHAIN LINK FENCE. SEE DETAIL E/SD4.4. [b] 10'-0" HEIGHT VINYL COATED CHAIN LINK FENCING. SEE DETAIL B/SD4.5. [c] 6'-0" HEIGHT, 20'-0" WIDTH DOUBLE SWING ORNAMENTAL GATE. SEE DETAIL K/SD4.4. [d] 8'-0" HEIGHT ORNAMENTAL FENCE WITH PRIVACY SLATS. SEE DETAIL A/SD4.5.		18	SCOREBOARD. SEE MEP DRAWINGS FOR ADDITIONAL INFORMATION. [a] RELOCATED EXISTING SCOREBOARD [b] VIDEOBOARD [c] PLAYCLOCK			ASPHALT PAVEMENT		CONCRETE BRICK PAVEMENT	
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.		[c] UTILITY TO REMAIN. [d] GRAVEL PAVING TO REMAIN. [f] FENCING TO REMAIN. [g] STORM LINE/STRUCTURE TO REMAIN. [h] SIGNAGE TO REMAIN.		8	UTILITY STRUCTURE. SEE MEP DRAWINGS FOR ADDITIONAL INFORMATION. [a] NEW UTILITY. [b] SITE LIGHTING.		18	ATHLETIC EQUIPMENT (114633.14 & 114633.23) [a] FOOTBALL GOAL POST PACK. SEE DETAIL H/SD4.2. [b] SOCCER GOAL AND NET. SEE DETAIL H/SD4.2. [c] FOOTBALL PYLON [d] SOCCER CORNER FLAG [e] LONG/TRIPLE JUMP TAKE OFF BOARD. SEE DETAIL K/SD4.2. [f] POLE VAULT BOX. SEE DETAIL M/SD4.2 [g] LONG/TRIPLE JUMP LANDING PIT WITH SAND CATCHER SYSTEM. SEE DETAIL K&L/SD4.2. [h] HIGH JUMP PIT. SEE DETAIL F/SD4.3.		19	MASONRY PIER. SEE ARCH DRAWINGS FOR ADDITIONAL INFORMATION.			TACTILE WARNING SURFACE						
5. SEE EROSION POLLUTION AND SEDIMENT CONTROL PLAN ON SD0.0 FOR RECOMMENDED BEST MANAGEMENT PRACTICES INFORMATION AND SEDIMENT CONTROLS.	2	[c] UTILITY TO REMAIN. [d] GRAVEL PAVING TO REMAIN. [f] FENCING TO REMAIN. [g] STORM LINE/STRUCTURE TO REMAIN. [h] SIGNAGE TO REMAIN.		9	GRAVEL PAVEMENT. SEE DETAIL K/SD4.3.		19	SYNTHETIC RUNNING TRACK SURFACING, STRIPING AND MARKINGS (321823.33). SEE DETAIL A/SD4.3.		20	TENNIS EQUIPMENT (323113) [a] TENNIS NET AND POST. SEE DETAIL I/SD4.3. [b] TENNIS CENTER NET ANCHOR. SEE DETAIL J/SD4.3.									
6. REFER TO CONSTRUCTION MANAGER'S PLANS AND SPECIFICATIONS FOR INFORMATION REGARDING CONSTRUCTION SCHEDULE/SEQUENCING, CONSTRUCTION FENCING/STAGING.		[c] UTILITY TO REMAIN. [d] GRAVEL PAVING TO REMAIN. [f] FENCING TO REMAIN. [g] STORM LINE/STRUCTURE TO REMAIN. [h] SIGNAGE TO REMAIN.		10	ATHLETIC COURT COLOR COATING (321823.53) SEE DETAIL H/SD4.3.		21	FLAG POLE. (107500) SEE DETAIL G/SD4.3.												



OVERALL SITE LAYOUT AND DEVELOPMENT PLAN  
SCALE: 1"=60'  
0 60 120 Feet  
SD1.0

rosstarrant architects

a MOREgroup brand

101 old layayette avenue lexington, kentucky 40502 p.852.254.4018

NOT FOR CONSTRUCTION

OVERALL SITE LAYOUT AND DEVELOPMENT PLAN  
MERCER COUNTY ATHLETICS - PHASE 2  
FOR:  
MERCER COUNTY BOARD OF EDUCATION  
HARRODSBURG, KY

BG

Project No: 25012  
Drawn By: MJ  
Rev'd By: LMR/MBM/DS

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SD1.0  
OVERALL SITE LAYOUT AND DEVELOPMENT PLAN  
DATE ISSUED:  
MARCH 5, 2026

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SITE DEVELOPMENT TAGS

EXISTING TO REMAIN. PROTECT THROUGHOUT CONSTRUCTION. BUILDING TO REMAIN. NO UTILITIES TO THESE FACILITIES ARE TO BE REMOVED UNLESS NEW PERMANENT UTILITY IS PROVIDED PRIOR TO DEMOLITION.

PAVEMENT TO REMAIN - PATCH/REPAIR WHERE DAMAGED BY CONSTRUCTION. SAW-CUT TO PROVIDE CLEAN EDGE. CONCRETE PAVING TO BE SAW-CUT BACK TO NEAREST UNDAMAGED CONTROL OR ISOLATION JOINT. MATCH NEW ADJACENT PAVEMENT TO EXISTING PAVEMENT ELEVATIONS.

TREE/VEGETATION TO REMAIN.

UTILITY TO REMAIN.

GRAVEL PAVING TO REMAIN.

FENCING TO REMAIN.

STORM LINE STRUCTURE TO REMAIN.

SIGNAGE TO REMAIN.

ASPHALT PAVEMENT (321216).

LIGHT DUTY ASPHALT PAVING. SEE DETAIL A/SD4.2.

CONCRETE PAVEMENT (321313, 321373).

4" DEPTH CONCRETE PAVEMENT. SEE DETAIL B/SD4.2.

6" DEPTH CONCRETE PAVEMENT. SEE DETAIL B/SD4.2.

CONCRETE WALK WITH TURNDOWN. SEE DETAIL C/SD4.2.

CONCRETE CURB (321313, 321613, 321726).

6" WIDTH HEADER CURB. SEE DETAIL L/SD4.4.

ACCESSIBLE DROPPED CURB TYPE 'A' RAMP. SEE DETAILS F/SD4.2.

CONCRETE BAND. SEE DETAIL D/SD4.2.

FLUSH HEADER CURB AT SYNTHETIC TURF. SEE DETAIL E/SD4.2.

CONCRETE CURB AND GUTTER. SEE DETAIL I/SD4.2.

ACCESSIBLE DROPPED CURB TYPE 'B' RAMP. SEE DETAILS G/SD4.2.

CONCRETE FENCE BAND 2'-4". SEE DETAIL D/SD4.2.

PAINTED PAVEMENT MARKINGS. (321723.13).

4" PAVING STRIPING, WHITE.

ACCESSIBLE PARKING STRIPING. SEE DETAIL F/SD4.4.

PAINTED TRAFFIC STOP BAR, 12"x12", WHITE.

TRAFFIC ARROW, SEE DETAIL B/SD4.4.

PAINTED CROSSWALK. SEE DETAIL A/SD4.4.

CONCRETE UNIT PAVES.

CONCRETE UNIT PAVES 'RED'. SEE DETAIL C/SD4.4.

TRAFFIC SIGNAGE (SINGLE POST). (101453).

TRAFFIC SIGN 'STOP'. SEE DETAIL M/SD4.4.

ACCESSIBLE PARKING SIGN. SEE DETAIL F/SD4.4.

STRUCTURE. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.

CANOPY.

UTILITY STRUCTURE. SEE MEP DRAWINGS FOR ADDITIONAL INFORMATION.

NEW UTILITY.

SITE LIGHTING.

GRAVEL PAVEMENT. SEE DETAIL K/SD4.3.

SYNTHETIC RUNNING TRACK SURFACING, STRIPING AND MARKINGS (321823.33). SEE DETAIL A/SD4.3.

ATHLETIC COURT COLOR COATING (321823.53) SEE DETAIL H/SD4.3.

SYNTHETIC TURF AND SHOCKPAD UNDERLAYMENT (321823.29).

FINAL COLORS TO BE SUBMITTED FOR APPROVAL BY ARCHITECT AND OWNER.

FIELD AREA. COLORS TO BE ALTERNATING GREEN.

MID FIELD LOGO. SEE DETAIL B/SD4.3.

END ZONE TEXT ON ROYAL BLUE BACKGROUND. SEE DETAIL D/SD4.3.

FOOTBALL FIELD NUMBERS AND MARKINGS. WHITE AND BLUE. SEE DETAIL C/SD4.3.

SOCCER FIELD MARKINGS. COLOR TO BE BLACK.

FOOTBALL COACHES AREA. COLOR TO BE WHITE.

FOOTBALL 20 YARD LINE TO BE RED, WHITE, BLUE.

OUTER FIELD AREA. COLOR TO BE GREEN.

FOOTBALL DRILL AREA. STRIPING TO BE WHITE.

3'-6" HEIGHT VINYL COATED CHAIN LINK FENCE. SEE DETAIL E/SD4.4.

10'-0" HEIGHT VINYL COATED CHAIN LINK FENCING. SEE DETAIL H/SD4.4.

3'-6" HEIGHT, 4'-0" WIDTH VINYL COATED CHAIN LINK GATE. SEE DETAIL G/SD4.4.

3'-6" HEIGHT, 4'-0" WIDTH VINYL COATED CHAIN LINK GATE. SEE DETAIL G/SD4.4.

3'-6" HEIGHT, 12'-0" WIDTH VINYL COATED CHAIN LINK GATE. SEE DETAIL I/SD4.3.

6'-0" HEIGHT VINYL COATED CHAIN LINK FENCING. SEE DETAIL B/SD4.3.

FLAG POLE. (107500) SEE DETAIL G/SD4.3.

ORNAMENTAL FENCING (323119, 323131).

6'-0" HEIGHT ORNAMENTAL FENCE. SEE DETAIL I/SD4.4.

6'-0" HEIGHT ORNAMENTAL PEDESTRIAN GATE. SEE DETAIL J/SD4.4.

6'-0" HEIGHT, 20'-0" WIDTH DOUBLE SWING ORNAMENTAL GATE. SEE DETAIL K/SD4.4.

6'-0" HEIGHT ORNAMENTAL FENCE WITH PRIVACY SLATS. SEE DETAIL A/SD4.5.

CHAIN LINK FENCING (323113).

3'-6" HEIGHT VINYL COATED CHAIN LINK FENCE. SEE DETAIL E/SD4.4.

10'-0" HEIGHT VINYL COATED CHAIN LINK FENCING. SEE DETAIL H/SD4.4.

3'-6" HEIGHT, 4'-0" WIDTH VINYL COATED CHAIN LINK GATE. SEE DETAIL G/SD4.4.

3'-6" HEIGHT, 4'-0" WIDTH VINYL COATED CHAIN LINK GATE. SEE DETAIL G/SD4.4.

3'-6" HEIGHT, 12'-0" WIDTH VINYL COATED CHAIN LINK GATE. SEE DETAIL I/SD4.3.

6'-0" HEIGHT VINYL COATED CHAIN LINK FENCING. SEE DETAIL B/SD4.3.

SHOT PUT PAD, TOE BOARD AND THROW FORM. (116833.43, 321613.33).

SHOT PUT LANDING AREA. SEE DETAIL J/SD4.2.

SHOT PUT PAD AND TOE BOARD. SEE DETAIL N/SD4.2.

DISCUS CAGE, THROW FORM AND RING. SEE DETAIL O/SD4.2.

SCOREBOARD. SEE MEP DRAWINGS FOR ADDITIONAL INFORMATION.

RELOCATED EXISTING SCOREBOARD.

VIDEOBOARD.

PLAY LOCKS.

MASONRY PIER. SEE ARCH DRAWINGS FOR ADDITIONAL INFORMATION.

TENNIS EQUIPMENT (323113).

TENNIS NET AND POST. SEE DETAIL I/SD4.3.

TENNIS CENTER NET ANCHOR. SEE DETAIL J/SD4.3.

LEGEND

CONCRETE PAVEMENT

GRAVEL

ASPHALT PAVEMENT

TACTILE WARNING SURFACE

ISOLATION JOINT

SYNTHETIC TURF

CONCRETE BRICK PAVES

The figure is a detailed site layout and development plan for a stadium. It shows a large oval seating bowl with tiered seating areas. The track and field area is located in the center, featuring a 400m running track with lane markings, a soccer field, and various other sports facilities. The plan includes numerous dimensions, such as 102'-10", 111'-4", 150'-3", 72'-0", 324'-2", 252'-0", 60'-0", 228'-0", 328'-11", 159'-2", 309'-2", 122'-0", 102'-10", 111'-4", 150'-3", 72'-0", 324'-2", 252'-0", 60'-0", 228'-0", 328'-11", 159'-2", 309'-2", 122'-0". Various development tags are placed throughout the plan, including SD3.1, SD3.2, and SD1.1. The plan also shows existing structures, parking areas, and surrounding infrastructure. The stadium seating bowl is divided into several sections, with the largest section labeled SD3.1. The track and field area is labeled SD3.2. The plan includes a detailed legend and a list of general site notes. The plan is drawn at a scale of 1"=20'.

rosstant architects

a MOREgroup brand

101 old layette avenue • lexington, kentucky 40502 p 505.254-6018

NOT FOR CONSTRUCTION

SITE LAYOUT AND DEVELOPMENT PLAN

MERCER COUNTY ATHLETICS - PHASE 2

FOR:

MERCER COUNTY BOARD OF EDUCATION

HARRODSBURG, KY

BG

Project No: 25012

Drawn By: MJ

Rev'd By: LMR/MBM/DS

SHEET RELEASE

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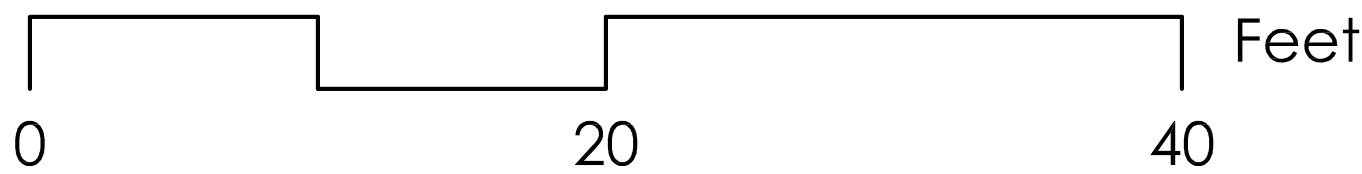
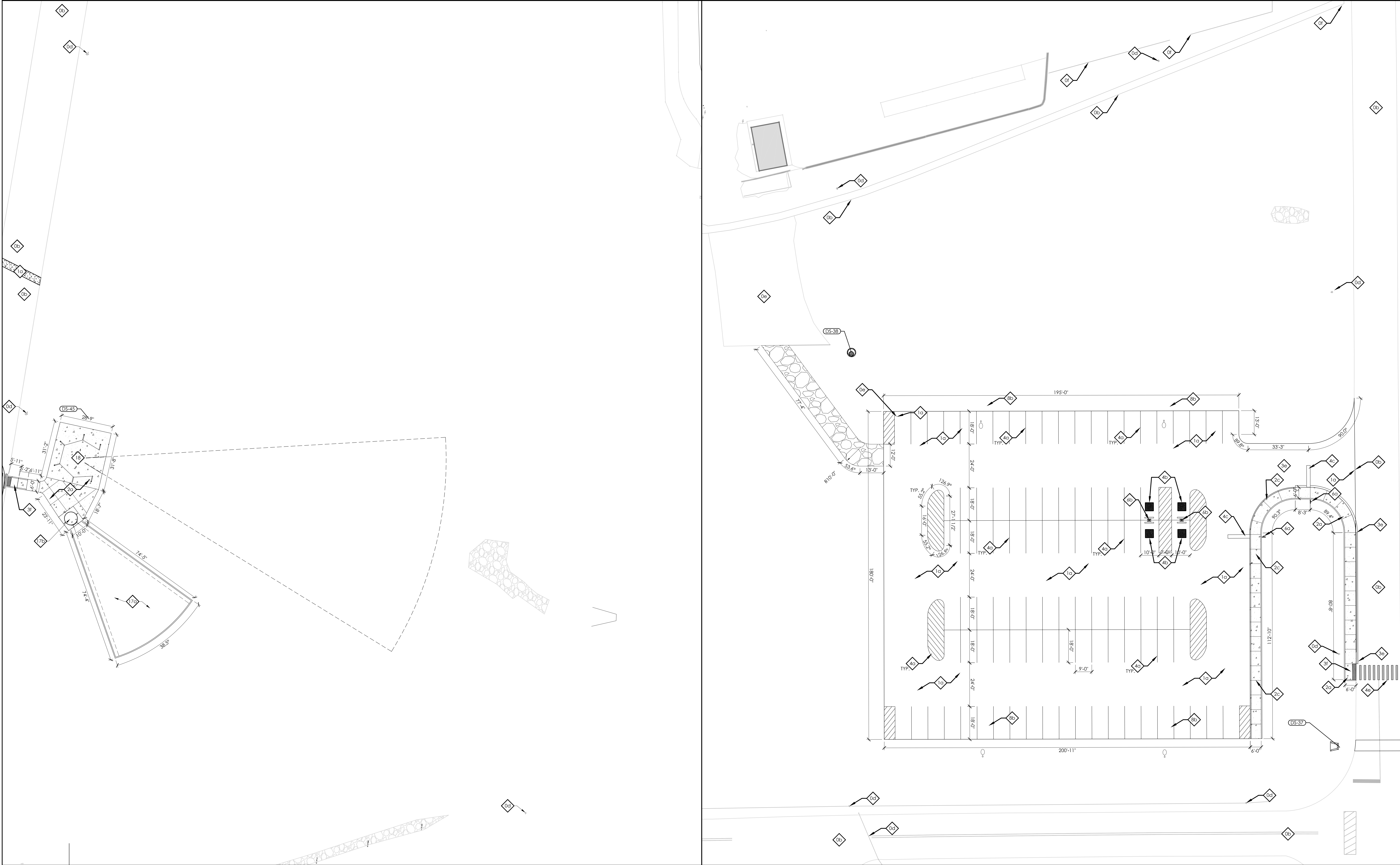
CONSTRUCTION DOCUMENTS

SD1.1

SITE LAYOUT AND DEVELOPMENT PLAN

DATE ISSUED: MARCH 5, 2026

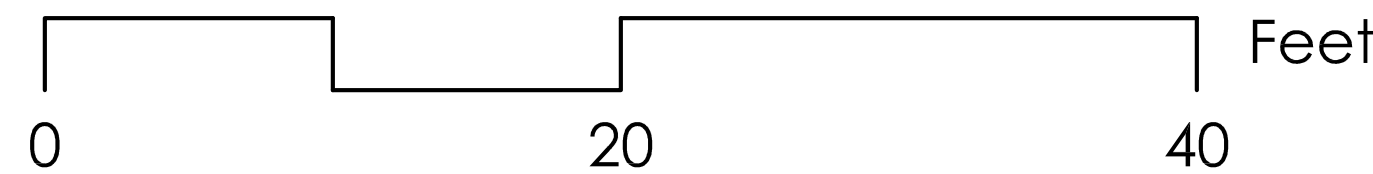
GENERAL SITE NOTES		SITE DEVELOPMENT TAGS										LEGEND	
<p>1. THE SITE PLANS WERE PREPARED BASED UPON TOPOGRAPHIC SURVEYS BY THOROUGHRED ENGINEERING, 239 N BROADWAY, LEVINGTON, KY, 40507. REFER TO SITE SURVEY SHEETS.</p> <p>2. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SITE FEATURES AND CONDITIONS. REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO THE START OF CONSTRUCTION.</p> <p>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.</p> <p>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.</p> <p>5. SEE EROSION POLLUTION AND SEDIMENT CONTROL PLAN ON SD0.0 FOR RECOMMENDED BEST MANAGEMENT PRACTICES INFORMATION AND SEDIMENT CONTROLS.</p> <p>6. REFER TO CONSTRUCTION MANAGER'S PLANS AND SPECIFICATIONS FOR INFORMATION REGARDING CONSTRUCTION SCHEDULE/SEQUENCING, CONSTRUCTION FENCING/STAGING.</p>		<p><b>1</b> EXISTING TO REMAIN. PROTECT THROUGHOUT CONSTRUCTION.</p> <p>(a) BUILDING TO REMAIN. NO UTILITIES TO THESE FACILITIES ARE TO BE REMOVED UNLESS NEW PERMANENT UTILITY IS PROVIDED PRIOR TO DEMOLITION.</p> <p>(b) PAVEMENT TO REMAIN - PATCH/REPAIR WHERE DAMAGED BY CONSTRUCTION. SAW-CUT TO PROVIDE CLEAN EDGE. CONCRETE PAVING TO BE SAW-CUT BACK TO NEAREST UNDAMAGED CONTROL OR ISOLATION JOINT. MATCH NEW ADJACENT PAVEMENT TO EXISTING PAVEMENT ELEVATIONS.</p> <p>(c) TREE/VEGETATION TO REMAIN.</p> <p>(d) UTILITY TO REMAIN.</p> <p>(e) GRAVEL PAVING TO REMAIN.</p> <p>(f) FENCING TO REMAIN.</p> <p>(g) STORM LINE/STRUCTURE TO REMAIN.</p> <p>(h) SIGNAGE TO REMAIN.</p>	<p><b>2</b> CONCRETE PAVEMENT (321313, 321373)</p> <p>(a) 4" DEPTH CONCRETE PAVEMENT. SEE DETAIL B/SD4.2.</p> <p>(b) 6" DEPTH CONCRETE PAVEMENT. SEE DETAIL B/SD4.2.</p> <p>(c) CONCRETE WALK WITH TURNDOWN. SEE DETAIL C/SD4.2.</p> <p><b>3</b> CONCRETE CURB (321313, 321613, 321726)</p> <p>(a) 6" WIDTH HEADER CURB. SEE DETAIL L/SD4.4.</p> <p>(b) ACCESSIBLE DROPPED CURB TYPE 'A' RAMP. SEE DETAILS F/SD4.2.</p> <p>(c) CONCRETE BAND. SEE DETAIL D/SD4.2.</p> <p>(d) FLUSH HEADER CURB AT SYNTHETIC TURF. SEE DETAIL E/SD4.2.</p> <p>(e) CONCRETE CURBS AND GUTTER. SEE DETAIL I/SD4.2.</p> <p>(f) ACCESSIBLE DROPPED CURB TYPE 'B' RAMP. SEE DETAILS G/SD4.2.</p> <p>(g) CONCRETE FENCE BAND 2'-4". SEE DETAIL D/SD4.2.</p>	<p><b>4</b> PAINTED PAVEMENT MARKINGS. (321723.13)</p> <p>(a) 4" PAVING STRIPING, WHITE.</p> <p>(b) ACCESSIBLE PARKING STRIPING. SEE DETAIL F/SD4.4.</p> <p>(c) PAINTED TRAFFIC STOP BAR. 12"x12". WHITE.</p> <p>(d) TRAFFIC ARROW. SEE DETAIL B/SD4.4.</p> <p>(e) PAINTED CROSSWALK. SEE DETAIL A/SD4.4.</p>	<p><b>5</b> CONCRETE UNIT PAVER</p> <p>(a) CONCRETE UNIT PAVER 'RED'. SEE DETAIL C/SD4.4.</p> <p><b>6</b> TRAFFIC SIGNAGE (SINGLE POST). (101453)</p> <p>(a) TRAFFIC SIGN 'STOP'. SEE DETAIL M/SD4.4.</p> <p>(b) ACCESSIBLE PARKING SIGN. SEE DETAIL F/SD4.4.</p> <p><b>7</b> STRUCTURE. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.</p> <p>(a) CANOPY.</p> <p><b>8</b> UTILITY STRUCTURE. SEE MEP DRAWINGS FOR ADDITIONAL INFORMATION.</p> <p>(a) NEW UTILITY.</p> <p>(b) SITE LIGHTING.</p> <p><b>9</b> GRAVEL PAVEMENT. SEE DETAIL K/SD4.3.</p>	<p><b>10</b> SYNTHETIC TURF AND SHOCKPAD UNDERLAYMENT (321823.29).</p> <p>(a) FINAL COLORS TO BE SUBMITTED FOR APPROVAL BY ARCHITECT AND OWNER.</p> <p>(b) FIELD AREA. COLORS TO BE ALTERNATING GREEN.</p> <p>(c) MID FIELD LOGO. SEE DETAIL B/SD4.3.</p> <p>(d) END ZONE TEXT ON ROYAL BLUE BACKGROUND. SEE DETAIL D/SD4.3.</p> <p>(e) FOOTBALL FIELD NUMBERS AND MARKINGS. WHITE AND BLUE. SEE DETAIL C/SD4.3.</p> <p>(f) SOCCER FIELD MARKINGS. COLOR TO BE BLACK.</p> <p>(g) FOOTBALL COACHES AREA. COLOR TO BE WHITE.</p> <p>(h) FOOTBALL 20 YARD LINE TO BE RED, WHITE, BLUE.</p> <p>(i) OUTER FIELD AREA. COLOR TO BE GREEN.</p> <p>(j) FOOTBALL DRILL AREA. STRIPING TO BE WHITE.</p> <p><b>11</b> ATHLETIC EQUIPMENT (116833.14 &amp; 116833.23)</p> <p>(a) FOOTBALL GOAL POST PACK. SEE DETAIL H/SD4.2.</p> <p>(b) SOCCER GOAL AND NET. SEE DETAIL H/SD4.2.</p> <p>(c) FOOTBALL PYLON.</p> <p>(d) SOCCER CORNER FLAG.</p> <p>(e) LONG/TRIPLE JUMP TAKE OFF BOARD. SEE DETAIL K/SD4.2.</p> <p>(f) POLE VAULT BOX. SEE DETAIL M/SD4.2.</p> <p>(g) LONG/TRIPLE JUMP LANDING PIT WITH SAND CATCHER SYSTEM. SEE DETAIL K&amp;L/SD4.2.</p> <p>(h) HIGH JUMP PIT. SEE DETAIL F/SD4.3.</p> <p><b>12</b> FLAG POLE. (107500) SEE DETAIL G/SD4.3.</p>	<p><b>13</b> ORNAMENTAL FENCING (323119, 323131)</p> <p>(a) 6'-0" HEIGHT ORNAMENTAL FENCE. SEE DETAIL I/SD4.4.</p> <p>(b) 4'-0" HEIGHT ORNAMENTAL PEDESTRIAN GATE. SEE DETAIL J/SD4.4.</p> <p>(c) 4'-0" HEIGHT, 20'-0" WIDTH DOUBLE SWING ORNAMENTAL GATE. SEE DETAIL K/SD4.4.</p> <p>(d) 8'-0" HEIGHT ORNAMENTAL FENCE WITH PRIVACY SLATS. SEE DETAIL A/SD4.5.</p> <p><b>14</b> CHAIN LINK FENCING (323113)</p> <p>(a) 3'-6" HEIGHT VINYL COATED CHAIN LINK FENCE. SEE DETAIL E/SD4.4.</p> <p>(b) 10'-0" HEIGHT VINYL COATED CHAIN LINK FENCING. SEE DETAIL D/SD4.4.</p> <p>(c) 4'-0" HEIGHT, 4'-0" WIDTH VINYL COATED CHAIN LINK GATE. SEE DETAIL G/SD4.4.</p> <p>(d) 3'-6" HEIGHT, 4'-0" WIDTH VINYL COATED CHAIN LINK GATE. SEE DETAIL G/SD4.4.</p> <p>(e) 3'-6" HEIGHT, 12'-0" WIDTH, VINYL COATED CHAIN LINK GATE. SEE DETAIL I/SD4.3.</p> <p>(f) 4'-0" HEIGHT VINYL COATED CHAIN LINK FENCING. SEE DETAIL B/SD4.5.</p>	<p><b>15</b> SHOT PUT PAD, TOE BOARD AND THROW FORM. (116833.43, 321613.33)</p> <p>(a) SHOT PUT LANDING AREA. SEE DETAIL J/SD4.2.</p> <p>(b) SHOT PUT PAD AND TOE BOARD. SEE DETAIL N/SD4.2.</p> <p><b>16</b> DISCUS CAGE, THROW FORM AND RING. SEE DETAIL O/SD4.2.</p> <p><b>17</b> SCOREBOARD. SEE MEP DRAWINGS FOR ADDITIONAL INFORMATION.</p> <p>(a) RELOCATED EXISTING SCOREBOARD</p> <p>(b) VIDEOBOARD</p> <p>(c) PLAYCLOCK</p> <p><b>18</b> MASONRY PIER. SEE ARCH DRAWINGS FOR ADDITIONAL INFORMATION.</p> <p><b>19</b> TENNIS EQUIPMENT (323113)</p> <p>(a) TENNIS NET AND POST. SEE DETAIL I/SD4.3.</p> <p>(b) TENNIS CENTER NET ANCHOR. SEE DETAIL J/SD4.3.</p>	<p> CONCRETE PAVEMENT</p> <p> GRAVEL</p> <p> ASPHALT PAVEMENT</p> <p> TACTILE WARNING SURFACE</p> <p> ISOLATION JOINT</p> <p> SYNTHETIC TURF</p> <p> CONCRETE BRICK PAVER</p>				



SITE LAYOUT AND DEVELOPMENT PLAN

SCALE: 1"=20'

B  
SD1.2



SITE LAYOUT AND DEVELOPMENT PLAN

SCALE: 1"=20'

A  
SD1.2

SITE LAYOUT AND DEVELOPMENT PLAN  
MERCER COUNTY ATHLETICS - PHASE 2  
FOR:  
MERCER COUNTY BOARD OF EDUCATION  
HARRODSBURG, KY

BG	
Project No:	25012
Drawn By:	MJ
Rev'd By:	LMR/MBM/DS
SHEET RELEASE	
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CONSTRUCTION DOCUMENTS	

SD1.2

SITE LAYOUT AND DEVELOPMENT PLAN  
DATE ISSUED:  
MARCH 5, 2026

NOT FOR CONSTRUCTION

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101 old layayette avenue levington, kentucky 40502 p.852.254.4018

# GENERAL SITE NOTES

1. THE SITE PLANS WERE PREPARED BASED UPON TOPOGRAPHIC SURVEYS BY THOROUGHBRD 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 TAKE 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 \$30.0 FOR RECOMMENDED BEST MANAGEMENT PRACTICES INFORMATION AND SEDIMENT CONTROLS.
6. REFER TO CONSTRUCTION MANAGER'S PLANS AND SPECIFICATIONS FOR INFORMATION REGARDING CONSTRUCTION SCHEDULE/SEQUENCING, CONSTRUCTION FENCING/STAGING.

- 
- The architectural floor plan of the 'Klosterhof' (Monastery Yard) shows a central building structure with a courtyard. The plan is divided into several sections, each labeled with a number in a diamond shape. The central building has a large rectangular section with a smaller rectangular section attached to its right side. The courtyard is filled with a pattern of small triangles. The plan is surrounded by a wall with several openings. The numbers 10 through 100 are distributed across the plan, with some numbers appearing in multiple locations. The plan is oriented with the top of the image towards the right. The central building is labeled with numbers 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100. The plan is surrounded by a wall with several openings. The numbers 10 through 100 are distributed across the plan, with some numbers appearing in multiple locations. The plan is oriented with the top of the image towards the right. The central building is labeled with numbers 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

SCALE: 1"=10'

0 10 20 Feet








SD1.3



<p>EXISTING TO REMAIN. PROTECT THROUGHOUT CONSTRUCTION.</p> <p>(a) BUILDING TO REMAIN. NO UTILITIES TO THESE FACILITIES ARE TO BE REMOVED UNLESS NEW PERMANENT UTILITY IS PROVIDED PRIOR TO DEMOLITION.</p> <p>(b) PAVEMENT TO REMAIN - PATCH/REPAIR WHERE DAMAGED BY CONSTRUCTION. SAW-CUT TO PROVIDE CLEAN EDGE. CONCRETE PAVING TO BE SAW-CUT BACK TO NEAREST UNDAMAGED CONTROL OR ISOLATION JUNT. MATCH NEW ADJACENT PAVEMENT TO EXISTING PAVEMENT CONDITIONS.</p> <p>(c) TREE/VEGETATION TO REMAIN.</p> <p>(d) UTILITY TO REMAIN.</p> <p>(e) GRAVEL PAVING TO REMAIN.</p> <p>(f) FENCING TO REMAIN.</p> <p>(g) STORM LINE/STRUCTURE TO REMAIN.</p> <p>(h) SIGNAGE TO REMAIN.</p>	<p>CONCRETE PAVEMENT (321313, 321373)</p> <p>(a) 4" DEPTH CONCRETE PAVEMENT. SEE DETAIL B/S/D4.2.</p> <p>(b) 6" DEPTH CONCRETE PAVEMENT. SEE DETAIL B/S/D4.2.</p> <p>(c) CONCRETE WALK W/OUT CURB. SEE DETAIL C/S/D4.2.</p> <p>CONCRETE CURB (321313, 321613, 321726)</p> <p>(a) 6" W/IDT HEADER CURB. SEE DETAIL A/S/D4.4.</p> <p>(b) ACCESSIBLE DROPPED CURB TYPE "A" RAMP. SEE DETAILS F/S/D4.2.</p> <p>(c) CONCRETE BAND. SEE DETAIL D/S/D4.2.</p> <p>(d) FLUSH HEADER CURB AT SYNTHETIC TURF. SEE DETAIL E/S/D4.2.</p> <p>(e) CONCRETE DROPPED CURB AND GUTTER. SEE DETAIL I/S/D4.2.</p> <p>(f) ACCESSIBLE DROPPED CURB TYPE "B" RAMP. SEE DETAILS G/S/D4.2.</p> <p>(g) CONCRETE FENCE MARKING 2" x 4" DETAIL D/S/D4.2.</p> <p>PAINTED PAVEMENT (321723, 131)</p> <p>(a) PAVING STRIPING, VERTICAL.</p> <p>(b) ACCESSIBLE PARKING STRIPING. SEE DETAIL F/S/D4.4.</p> <p>(c) PAINTED TRAFFIC STOP BAR. 18" x 12" WHITE.</p> <p>(d) TRAFFIC ARROW. SEE DETAIL A/S/D4.4.</p> <p>(e) PAINTED CROSSWALK. SEE DETAIL A/S/D4.4.</p>	<p>CONCRETE UTILITY PAYER</p> <p>(a) CONCRETE UTILITY PAYER "RED". SEE DETAIL C/S/D4.4.</p> <p>TRAFFIC SIGNAGE (SINGLE POST) (101453)</p> <p>(a) "TRAFFIC SIGN" SIGN. SEE DETAIL W/S/D4.4.</p> <p>(b) ACCESSIBLE PARKING SIGN. SEE DETAIL F/S/D4.4.</p> <p>STRUCTURE. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.</p> <p>(a) "CANOPY"</p> <p>UTILITY STRUCTURE. SEE MEP DRAWINGS FOR ADDITIONAL INFORMATION.</p> <p>(a) NEW UTILITY.</p> <p>(b) SITE LIGHTING.</p> <p>GRAVEL PAVEMENT. SEE DETAIL K/S/D4.3.</p> <p>SYNTHETIC RUNNING TRACK SURFACING, STRIPING AND MARKINGS (321823, 33)</p> <p>(a) ATHLETIC COURT COLOR COATING (321823, 53) SEE DETAIL I/S/D4.3.</p>	<p>SYNTHETIC TURF AND SHOULDER UNDERLAYMENT (321823, 29).</p> <p>FINAL COLORS TO BE SUBMITTED FOR APPROVAL BY ARCHITECT AND OWNER.</p> <p>(a) FIELD AREA. COLORS TO BE ALTERNATING GREEN.</p> <p>(b) END FIELD LOGO. SEE DETAIL B/S/D4.3.</p> <p>(c) END ZONE TEXT ON ROYAL BLUE BACKGROUND. SEE DETAIL D/S/D4.3.</p> <p>(d) FOOTBALL FIELD NUMBERS AND MARKINGS. WHITE AND BLUE. SEE DETAIL C/S/D4.3.</p> <p>(e) SOCCER FIELD MARKINGS. COLOR TO BE BLACK.</p> <p>(f) FOOTBALL COACHES AREA. COLOR TO BE WHITE.</p> <p>(h) FOOTBALL 20 YARD LINE TO BE RED, WHITE, BLUE.</p> <p>(i) OUTER FIELD AREA. COLOR TO BE BLACK.</p> <p>(j) FOOTBALL DRILL AREA. STRIPING TO BE WHITE.</p> <p>ATHLETIC EQUIPMENT (116833.1 &amp; 116833.23)</p> <p>(a) FOOTBALL GOAL POST PACK. SEE DETAIL H/S/D4.2.</p> <p>(b) SOCCER GOAL AND NET. SEE DETAIL I/S/D4.2.</p> <p>(c) FOOTBALL PLYCON</p> <p>(d) SOCCER CORNER FLAG</p> <p>(e) LONG/TRIPE JUMP TAKE OFF BOARD. SEE DETAIL K/S/D4.2.</p> <p>(f) POLE VAULT BOX. SEE DETAIL K/S/D4.2.</p> <p>(g) LONG/TRIPE JUMP LANDINGS PIT WITH SAND CATCHER SYSTEM. SEE DETAIL K/L/S/D4.2.</p> <p>(h) HIGH JUMP PIT. SEE DETAIL F/S/D4.3.</p> <p>FLAG POLES. (107500) SEE DETAIL G/S/D4.3.</p>	<p>ORNAMENTAL FENCING (323119, 321313)</p> <p>(a) 6'-0" HEIGHT ORNAMENTAL FENCE. SEE DETAIL I/S/D4.4.</p> <p>(b) 6'-0" HEIGHT ORNAMENTAL PEDESTRIAN GATE. SEE DETAIL D/S/D4.4.</p> <p>(c) 6'-0" HEIGHT, 20'-0" WIDTH DOUBLE SWING ORNAMENTAL GATE. SEE DETAIL K/S/D4.4.</p> <p>(d) 6'-0" HEIGHT ORNAMENTAL FENCE WITH PRIVACY SLATS. SEE DETAIL A/S/D4.3.</p> <p>CHAIN LINK FENCING (323113)</p> <p>(a) 3'-6" HEIGHT VINYL COATED CHAIN LINK FENCE. SEE DETAIL E/S/D4.4.</p> <p>(b) 10'-0" HEIGHT VINYL COATED CHAIN LINK FENCING. SEE DETAIL D/S/D4.4.</p> <p>(c) 17'-0" HEIGHT, 4'-0" WIDTH VINYL COATED CHAIN LINK GATE. SEE DETAIL H/S/D4.4.</p> <p>(d) 3'-6" HEIGHT, 4'-0" WIDTH VINYL COATED CHAIN LINK GATE. SEE DETAIL G/S/D4.4.</p> <p>(e) 3'-6" HEIGHT, 12'-0" WIDTH VINYL COATED CHAIN LINK GATE. SEE DETAIL I/S/D4.4.</p> <p>(f) 6'-0" HEIGHT VINYL COATED CHAIN LINK FENCING. SEE DETAIL B/S/D4.3.</p>	<p>SHOT PUT PAD, TOE BOARD AND THROW FORM. (116833.3, 321613.33)</p> <p>(a) SHOT PUT LANDING AREA. SEE DETAIL I/S/D4.2.</p> <p>(b) SHOT PUT PAD AND TOE BOARD. SEE DETAIL D/S/D4.3.</p> <p>DISCUS CAGE, THROW FORM AND RING. SEE DETAIL O/S/D4.2.</p> <p>SCOREBOARD. SEE MEP DRAWINGS FOR ADDITIONAL INFORMATION.</p> <p>(a) RELOCATED EXISTING SCOREBOARD</p> <p>(b) VIDEO BOARD</p> <p>(c) FLYCLOCK</p> <p>MASONRY PIER. SEE ARCH DRAWINGS FOR ADDITIONAL INFORMATION.</p> <p>TENNIS EQUIPMENT (321313)</p> <p>(a) TENNIS NET AND POST. SEE DETAIL I/S/D4.3.</p> <p>(b) TENNIS CENTER NET ANCHOR. SEE DETAIL I/S/D4.3.</p>
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# LEGEND

	CONCRETE PAVEMENT		ISOLATION JOINT
	GRAVEL		SYNTHETIC TURF
	ASPHALT PAVEMENT		CONCRETE BRICK PAVER
	TACTILE WARNING SURFACE		

- |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
| 475 | 474 | 473 | 472 | 471 | 470 |
|     |     |     | 472 |     |     |

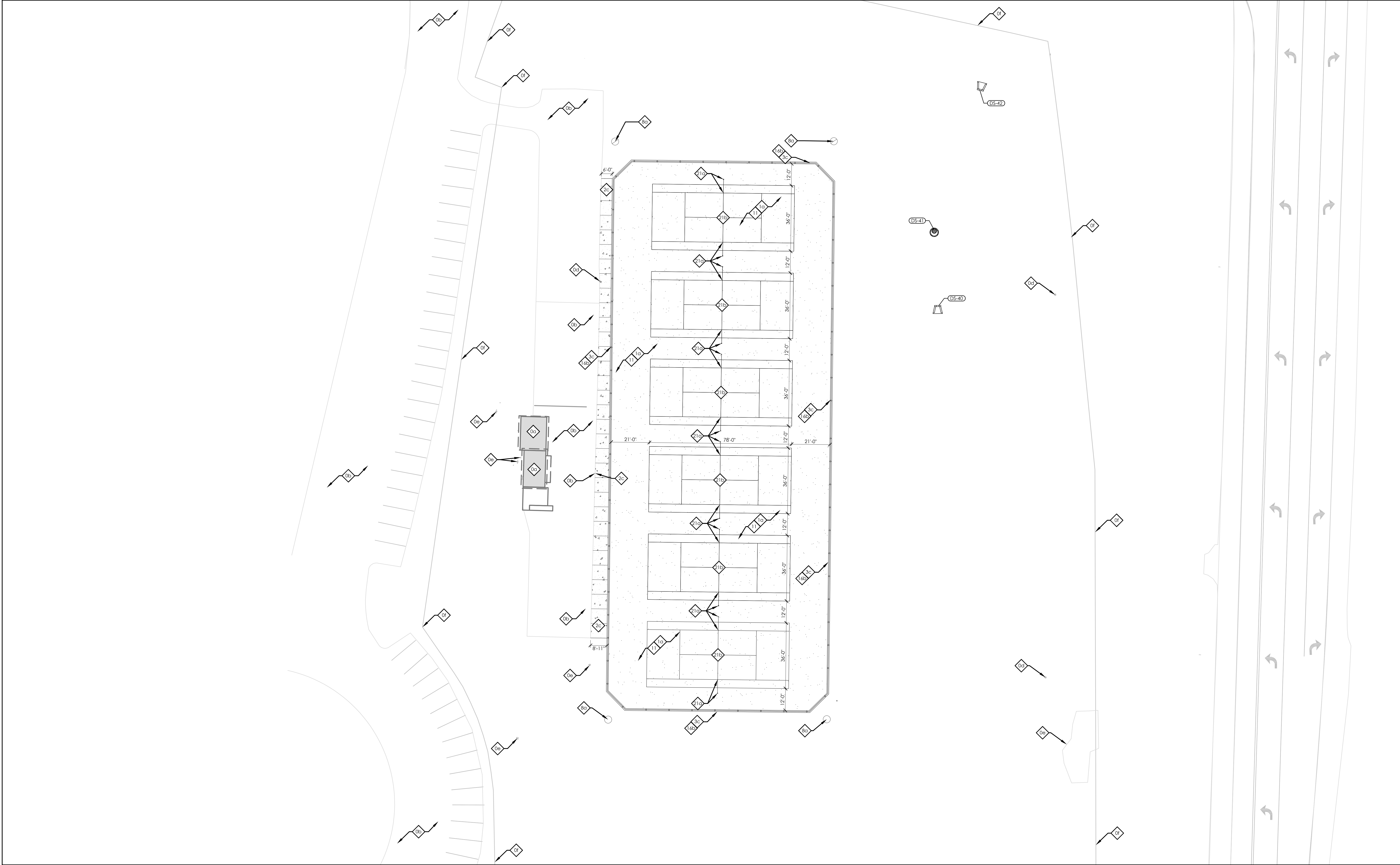

SITE LAYOUT AND DEVELOPMENT PLAN  
MERCER COUNTY ATHLETICS - PHASE 2  
FOR:  
MERCER COUNTY BOARD OF EDUCATION  
HARRODSBURG, KY

Project No: 25012	
Drawn By: MJ	
Rev'd By: LMR/MBM/DS	
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Project No:	25012
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SD1.3  
SITE LAYOUT AND  
DEVELOPMENT PLAN  
DATE ISSUED:  
MARCH 5, 2026

GENERAL SITE NOTES		SITE DEVELOPMENT TAGS												LEGEND								
<p>1. THE SITE PLANS WERE PREPARED BASED UPON TOPOGRAPHIC SURVEYS BY THOROUGHRED ENGINEERING, 239 N BROADWAY, LEXINGTON, KY, 40507. REFER TO SITE SURVEY SHEETS.</p> <p>2. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SITE FEATURES AND CONDITIONS. REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO THE START OF CONSTRUCTION.</p> <p>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.</p> <p>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.</p> <p>5. SEE EROSION POLLUTION AND SEDIMENT CONTROL PLAN ON SD0.0 FOR RECOMMENDED BEST MANAGEMENT PRACTICES INFORMATION AND SEDIMENT CONTROLS.</p> <p>6. REFER TO CONSTRUCTION MANAGER'S PLANS AND SPECIFICATIONS FOR INFORMATION REGARDING CONSTRUCTION SCHEDULE/SEQUENCING, CONSTRUCTION FENCING/STAGING.</p>		<div><div>0</div><div>EXISTING TO REMAIN. PROTECT THROUGHOUT CONSTRUCTION. BUILDING TO REMAIN. NO UTILITIES TO THESE FACILITIES ARE TO BE REMOVED UNLESS NEW PERMANENT UTILITY IS PROVIDED PRIOR TO DEMOLITION.</div><div><div>[a]</div><div>PAVEMENT TO REMAIN - PATCH/REPAIR WHERE DAMAGED BY CONSTRUCTION. SAW-CUT TO PROVIDE CLEAN EDGE. CONCRETE PAVING TO BE SAW-CUT BACK TO NEAREST UNDAMAGED CONTROL OR ISOLATION JOINT. MATCH NEW ADJACENT PAVEMENT TO EXISTING PAVEMENT ELEVATIONS.</div><div><div>[c]</div><div>TREE/VEGETATION TO REMAIN.</div><div><div>[d]</div><div>UTILITY TO REMAIN.</div><div><div>[e]</div><div>GRAVEL PAVING TO REMAIN.</div><div><div>[f]</div><div>FENCING TO REMAIN.</div><div><div>[g]</div><div>STORM LINE/STRUCTURE TO REMAIN.</div><div><div>[h]</div><div>SIGNAGE TO REMAIN.</div></div></div></div></div></div></div></div></div>	<div><div>1</div><div>CONCRETE PAVEMENT (321313, 321373)</div><div><div>[a]</div><div>4" DEPTH CONCRETE PAVEMENT. SEE DETAIL 8/SD4.2.</div><div><div>[b]</div><div>6" DEPTH CONCRETE PAVEMENT. SEE DETAIL 8/SD4.2.</div><div><div>[c]</div><div>CONCRETE WALK WITH TURNDOWN. SEE DETAIL C/SD4.2.</div></div></div></div></div>	<div><div>2</div><div>CONCRETE CURB (321313, 321613, 321726)</div><div><div>[a]</div><div>6" WIDTH HEADER CURB. SEE DETAIL U/SD4.4.</div><div><div>[b]</div><div>ACCESSIBLE DROPPED CURB TYPE 'A' RAMP. SEE DETAILS F/SD4.2.</div><div><div>[c]</div><div>CONCRETE BAND. SEE DETAIL D/SD4.2.</div><div><div>[d]</div><div>FLUSH HEADER CURB AT SYNTHETIC TURF. SEE DETAIL E/SD4.2.</div><div><div>[e]</div><div>CONCRETE CURB AND GUTTER. SEE DETAIL U/SD4.2.</div><div><div>[f]</div><div>ACCESSIBLE DROPPED CURB TYPE 'B' RAMP. SEE DETAILS G/SD4.2.</div><div><div>[g]</div><div>CONCRETE FENCE BAND 2'-4". SEE DETAIL D/SD4.2.</div></div></div></div></div></div></div></div></div>	<div><div>3</div><div>PAINTED PAVEMENT MARKINGS. (321723.13)</div><div><div>[a]</div><div>4" PAVING STRIPING, WHITE.</div><div><div>[b]</div><div>ACCESSIBLE PARKING STRIPING. SEE DETAIL F/SD4.4.</div><div><div>[c]</div><div>PAINTED TRAFFIC STOP BAR. 12"x12" WHITE.</div><div><div>[d]</div><div>TRAFFIC ARROW. SEE DETAIL 8/SD4.4.</div><div><div>[e]</div><div>PAINTED CROSSWALK. SEE DETAIL A/SD4.4.</div></div></div></div></div></div></div>	<div><div>4</div><div>ASPHALT PAVEMENT (321216)</div><div><div>[a]</div><div>LIGHT DUTY ASPHALT PAVING. SEE DETAIL A/SD4.2.</div></div></div>	<div><div>5</div><div>CONCRETE UNIT PAVER</div><div><div>[a]</div><div>CONCRETE UNIT PAVER 'RED'. SEE DETAIL C/SD4.4.</div></div></div>	<div><div>6</div><div>TRAFFIC SIGNAGE (SINGLE POST). (101453)</div><div><div>[a]</div><div>TRAFFIC SIGN STOP. SEE DETAIL M/SD4.4.</div><div><div>[b]</div><div>ACCESSIBLE PARKING SIGN. SEE DETAIL F/SD4.4.</div></div></div></div>	<div><div>7</div><div>STRUCTURE. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.</div><div><div>[a]</div><div>CANOPY.</div></div></div>	<div><div>8</div><div>UTILITY STRUCTURE. SEE MEP DRAWINGS FOR ADDITIONAL INFORMATION.</div><div><div>[a]</div><div>NEW UTILITY.</div><div><div>[b]</div><div>SITE LIGHTING.</div></div></div></div>	<div><div>9</div><div>GRAVEL PAVEMENT. SEE DETAIL K/SD4.3.</div></div>	<div><div>10</div><div>SYNTHETIC RUNNING TRACK SURFACING, STRIPING AND MARKINGS (321823.33). SEE DETAIL A/SD4.3.</div></div>	<div><div>11</div><div>ATHLETIC COURT COLOR COATING (321823.53) SEE DETAIL H/SD4.3.</div></div>	<div><div>12</div><div>SYNTHETIC TURF AND SHOCKPAD UNDERLAYMENT (321823.29).</div><div><div>[a]</div><div>FINAL COLORS TO BE SUBMITTED FOR APPROVAL BY ARCHITECT AND OWNER.</div><div><div>[b]</div><div>FIELD AREA. COLORS TO BE ALTERNATING GREEN.</div><div><div>[c]</div><div>MID FIELD LOGO. SEE DETAIL 8/SD4.3.</div><div><div>[d]</div><div>END ZONE TEXT ON ROYAL BLUE BACKGROUND. SEE DETAIL D/SD4.3.</div><div><div>[e]</div><div>FOOTBALL FIELD NUMBERS AND MARKINGS. WHITE AND BLUE. SEE DETAIL C/SD4.3.</div><div><div>[f]</div><div>SOCCER FIELD MARKINGS. COLOR TO BE BLACK.</div><div><div>[g]</div><div>FOOTBALL COACHES AREA. COLOR TO BE WHITE.</div><div><div>[h]</div><div>FOOTBALL 20 YARD LINE TO BE RED, WHITE, BLUE.</div><div><div>[i]</div><div>OUTER FIELD AREA. COLOR TO BE GREEN.</div><div><div>[j]</div><div>FOOTBALL DRILL AREA. STRIPING TO BE WHITE.</div></div></div></div></div></div></div></div></div></div></div></div>	<div><div>13</div><div>ATHLETIC EQUIPMENT (116833.14 &amp; 116833.23)</div><div><div>[a]</div><div>FOOTBALL GOAL POST PACK. SEE DETAIL H/SD4.2.</div><div><div>[b]</div><div>POLE VAULT BOX. SEE DETAIL M/SD4.2.</div><div><div>[c]</div><div>FOOTBALL PYLON.</div><div><div>[d]</div><div>SOCCER CORNER FLAG.</div><div><div>[e]</div><div>LONG/TRIPLE JUMP TAKE OFF BOARD. SEE DETAIL K/SD4.2.</div><div><div>[f]</div><div>POLE VAULT BOX. SEE DETAIL M/SD4.2.</div><div><div>[g]</div><div>LONG/TRIPLE JUMP LANDING PIT WITH SAND CATCHER SYSTEM. SEE DETAIL K&amp;L/SD4.2.</div><div><div>[h]</div><div>LONG JUMP PIT. SEE DETAIL F/SD4.3.</div><div><div>[i]</div><div>FLAG POLE. (107500) SEE DETAIL G/SD4.3.</div></div></div></div></div></div></div></div></div></div></div>	<div><div>14</div><div>ORNAMENTAL FENCING (323119, 323131)</div><div><div>[a]</div><div>4'-0" HEIGHT ORNAMENTAL FENCE. SEE DETAIL U/SD4.4.</div><div><div>[b]</div><div>6'-0" HEIGHT ORNAMENTAL PEDESTRIAN GATE. SEE DETAIL J/SD4.4.</div><div><div>[c]</div><div>6'-0" HEIGHT, 20'-0" WIDTH DOUBLE SWING ORNAMENTAL GATE. SEE DETAIL K/SD4.4.</div><div><div>[d]</div><div>8'-0" HEIGHT ORNAMENTAL FENCE WITH PRIVACY SLATS. SEE DETAIL A/SD4.5.</div></div></div></div></div></div>	<div><div>15</div><div>CHAIN LINK FENCING (323113)</div><div><div>[a]</div><div>3'-4" HEIGHT VINYL COATED CHAIN LINK FENCE. SEE DETAIL E/SD4.4.</div><div><div>[b]</div><div>10'-0" HEIGHT VINYL COATED CHAIN LINK FENCING. SEE DETAIL D/SD4.4.</div><div><div>[c]</div><div>7'-0" HEIGHT, 4'-0" WIDTH VINYL COATED CHAIN LINK GATE. SEE DETAIL H/SD4.4.</div><div><div>[d]</div><div>3'-4" HEIGHT, 4'-0" WIDTH VINYL COATED CHAIN LINK GATE. SEE DETAIL G/SD4.4.</div><div><div>[e]</div><div>5'-6" HEIGHT, 12'-0" WIDTH VINYL COATED CHAIN LINK GATE. SEE DETAIL U/SD4.3.</div><div><div>[f]</div><div>4'-0" HEIGHT VINYL COATED CHAIN LINK FENCING. SEE DETAIL 8/SD4.5.</div></div></div></div></div></div></div></div>	<div><div>16</div><div>SHOT PUT PAD, TOE BOARD AND THROW FORM. (116833.43, 321613.33)</div><div><div>[a]</div><div>SHOT PUT LANDING AREA. SEE DETAIL J/SD4.2.</div><div><div>[b]</div><div>SHOT PUT PAD AND TOE BOARD. SEE DETAIL N/SD4.2.</div></div></div></div>	<div><div>17</div><div>DISCUS CAGE, THROW FORM AND RING. SEE DETAIL O/SD4.2.</div></div>	<div><div>18</div><div>SCOREBOARD. SEE MEP DRAWINGS FOR ADDITIONAL INFORMATION.</div><div><div>[a]</div><div>RELOCATED EXISTING SCOREBOARD</div><div><div>[b]</div><div>VIDEOBOARD</div><div><div>[c]</div><div>PLAYCLOCK</div></div></div></div></div>	<div><div>19</div><div>MASONRY PIER. SEE ARCH DRAWINGS FOR ADDITIONAL INFORMATION.</div></div>	<div><div>20</div><div>TENNIS EQUIPMENT (323113)</div><div><div>[a]</div><div>TENNIS NET AND POST. SEE DETAIL I/SD4.3.</div><div><div>[b]</div><div>TENNIS CENTER NET ANCHOR. SEE DETAIL J/SD4.3.</div></div></div></div>



SD1.4

SITE LAYOUT AND DEVELOPMENT PLAN

SCALE: 1"=20'

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20

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Feet

A

SD1.4

SD1.4

SITE LAYOUT AND DEVELOPMENT PLAN

DATE ISSUED:  
MARCH 5, 2026

rosstarrant architects

a MOREgroup brand

101 old latayette avenue lewington, kentucky 40302 p.857.254.4018

NOT FOR CONSTRUCTION

SITE LAYOUT AND DEVELOPMENT PLAN

MERCER COUNTY ATHLETICS - PHASE 2

FOR:

MERCER COUNTY BOARD OF EDUCATION

HARRODSBURG, KY

BG

Project No: 25012

Drawn By: MJ

Rev'd By: LMR/MBM/DS

SHEET RELEASE

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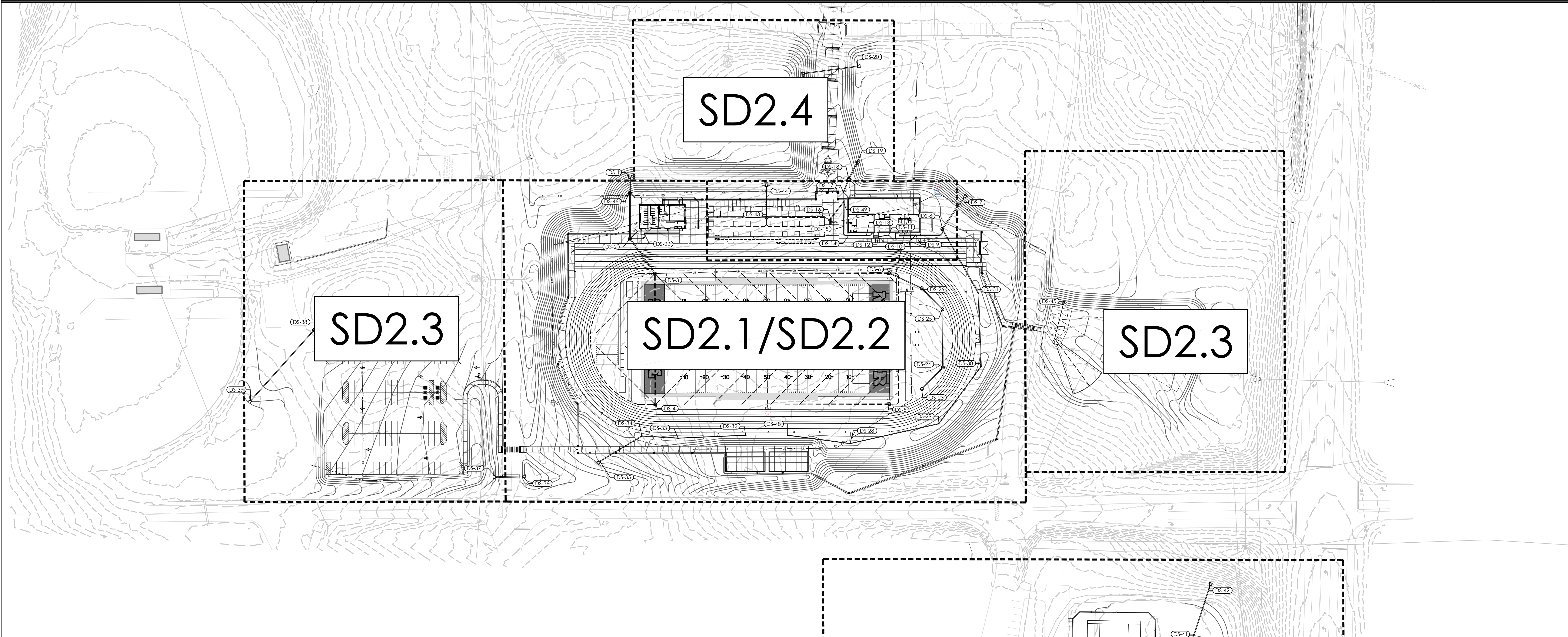
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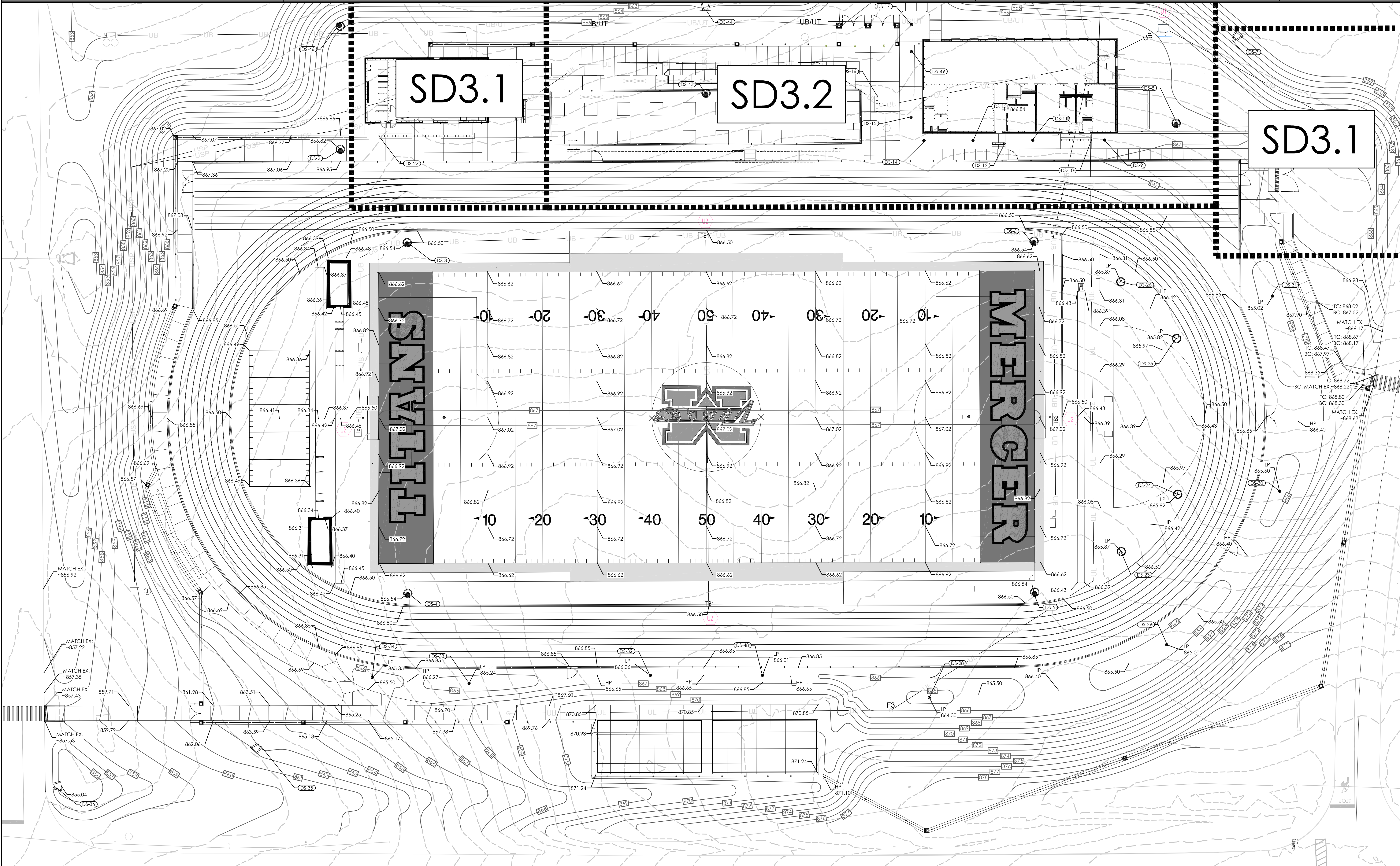
GENERAL SITE NOTES		SITE GRADING NOTES			SITE STORM DRAINAGE NOTES		LEGEND					
<p>1. THE SITE PLANS WERE PREPARED BASED UPON TOPOGRAPHIC SURVEYS BY THOROUGHBRD ENGINEERING, 239 N BROADWAY, LEXINGTON, KY, 40507. REFER TO SITE SURVEY SHEETS.</p> <p>2. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SITE FEATURES AND CONDITIONS. REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO THE START OF CONSTRUCTION.</p> <p>3. THE ARCHITECT AND ARCHITECTS 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.</p> <p>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.</p> <p>5. SEE EROSION POLLUTION AND SEDIMENT CONTROL PLAN ON SDD-0 FOR RECOMMENDED BEST MANAGEMENT PRACTICES INFORMATION AND SEDIMENT CONTROLS.</p> <p>6. REFER TO CONSTRUCTION MANAGER'S PLANS AND SPECIFICATIONS FOR INFORMATION REGARDING CONSTRUCTION SCHEDULE/SEQUENCING, CONSTRUCTION FENCING/STAGING.</p>		<p>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.</p> <p>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.</p> <p>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%).</p> <p>4. ALL PVIOUS 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.</p> <p>5. SLOPE PEROUS SURFACES MIN. 2 % AND IMPERVIOUS SURFACES MIN. 1% AWAY FROM BUILDING FOUNDATIONS.</p> <p>6. MAINTAIN GRADING TO PROMOTE POSITIVE DRAINAGE AT ALL TIMES. DO NOT ALLOW WATER TO POND IN CONSTRUCTION AREAS.</p> <p>7. RELOCATE ALL BURIED UTILITIES THAT ARE IMPACTED BY ANY EARTHWORK. RELOCATED UTILITY LOCATIONS ARE TO BE</p>			<p>APPROVED BY THE ARCHITECT PRIOR TO STARTING WORK.</p> <p>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.</p> <p>9. ANY AREAS DISTURBED DURING CONSTRUCTION ARE TO BE RECONDITIONED, SEEDED AND MULCHED PER THE SPECIFICATIONS.</p> <p>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) FILLS ON EXISTING SOILS, ROCK CUTS OR SHOT-ROCK FILL - 98% C) PAVED AREAS AND WALKS - 95% D) LANDSCAPE AREAS OUTSIDE MASS FILL AREAS - 85%</p> <p>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.</p> <p>12. THE CONTRACTOR SHALL ENSURE THAT CONSTRUCTION DEBRIS AND SEDIMENT ARE REMOVED DAILY FROM SITE DRIVEWAYS, PARKING AREAS, WALKWAYS AND SURROUNDING ROADWAYS AND WALKWAYS.</p> <p>13. EXCESS SOILS ARE TO BE DISPOSED OF OFF-SITE UNLESS OWNER REQUESTS TO KEEP SATISFACTORY SOILS ON-SITE IN A</p>		<p>A LOCATION DETERMINED BETWEEN THE CONTRACTOR AND OWNER.</p> <p>14. THE NEW PARKING, ROADS AND ROAD BASE ARE NOT DESIGNED TO ACCOMMODATE CONSTRUCTION TRAFFIC AND SHOULD NOT BE USED FOR SUCH UNLESS STABILIZED USING #2 CRUSHED STONE AND/OR GEO-GRID IN ADDITION TO THE PAVEMENT DESIGN SECTION SHOWN. IF THE CONTRACTOR WISHES TO USE THE NEW ROAD ALIGNMENTS DURING CONSTRUCTION, IT IS THE CONTRACTOR'S RESPONSIBILITY TO STABILIZE THE ROAD ALIGNMENT SUBGRADES AND PREVENT THEM FROM BEING DAMAGED DURING CONSTRUCTION.</p> <p>15. THE CONTRACTOR SHALL INSTALL AND MAINTAIN A CRUSHED STONE ENTRY AND DRIVE TO REDUCE SOIL TRACKING. REFER TO EPSC PLAN.</p>		<p>1. DRAINAGE PIPE THAT CROSSES UNDER ROADS OR PARKING AREAS SHALL BE EITHER HIGH PERFORMANCE POLYPROPYLENE (HP-PP) OR REINFORCED CONCRETE (RCP). SEE PLANS FOR LOCATIONS. ALL 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.</p> <p>2. SEDIMENT PROTECTION DEVICES, SUCH AS SILT FENCING SHALL BE INSTALLED IN AND/OR AROUND ALL STORM STRUCTURES.</p> <p>3. EROSION CONTROL BLANKETS ARE TO BE INSTALLED AS INDICATED IN THE SPECIFICATIONS.</p> <p>4. ALL STORM STRUCTURES ARE TO BE DESIGNED FOR H-20 LOADING.</p> <p>5. ALL GRATES AND MANHOLE COVERS ARE TO BE HEAVY DUTY CAST IRON DESIGNED FOR H-20 LOADING.</p> <p>6. MAINTAIN GRADING TO PROMOTE POSITIVE DRAINAGE AT ALL TIMES.</p> <p>7. ALL ROOF DRAINS AND 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.</p> <p>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.</p>		<div><div>15-5</div><div>DRAINAGE STRUCTURE. REFER TO STORM DRAINAGE STRUCTURE SCHEDULE.</div></div> <div><div>15-3</div><div>DOWNSPOUT BOOT (334993). SEE DETAIL D/SD-4.1</div></div> <div><div>15-6</div><div>CONDENSATE DRAIN. REFER TO MECHANICAL AND ARCHITECTURE PLANS FOR ADDITIONAL INFORMATION.</div></div> <div><div>SPOT ELEV. LEGEND</div><div>TC - TOP OF CURB</div><div>BC - BOTTOM OF CURB</div><div>FFE - FINISHED FLOOR ELEVATION</div><div>TD - TOP OF DECK</div><div>TW - TOP OF WALL AT FINISH GRADE</div><div>BW - BOTTOM OF WALL AT FINISH GRADE</div></div>	



STRUCTURE SCHEDULE								
STRC. NO.	GRATE ELEV.	INVERT ELEV.	STR. DESC.	GRATE TYPE	FRAME TYPE	DETAIL	NORTHING	EASTING
DS-1	N/A	857.58	HEADWALL	GALV. BAR & GRATE	N/A	D/SD-1	2169638.7752	1897599.8439
DS-2	866.82	858.12	48" MANHOLE (MIN)	SOLID LID	NEENAH R-1733	A/SD-1	2169649.3607	1897687.9300
DS-3	866.35	858.44	48" MANHOLE (MIN)	SOLID LID	NEENAH R-1733	A/SD-1	2169691.8255	1897734.5284
DS-4	866.35	861.41	48" MANHOLE (MIN)	SOLID LID	NEENAH R-1733	A/SD-1	2169714.9747	1897925.7396
DS-5	866.35	862.41	48" MANHOLE (MIN)	SOLID LID	NEENAH R-1733	A/SD-1	2170056.4929	1897884.3931
DS-6	866.35	860.16	48" MANHOLE (MIN)	SOLID LID	NEENAH R-1733	A/SD-1	2170033.3960	1897693.1757
DS-7	N/A	857.71	HEADWALL	GALV. BAR & GRATE	N/A	D/SD-1	2170129.3036	1897569.8115
DS-8	866.24	858.27	48" MANHOLE (MIN)	SOLID LID	NEENAH R-1733	A/SD-1	2170103.1742	1897619.5890
DS-9	867.16	863.98	18" (MIN.) DRAIN BASIN	18" STD. SLOTTED	N/A	B/SD-1	2170065.3909	1897633.3410
DS-10	866.76	864.16	17 LF TRENCH DRAIN	ACO K300	LONGITUDINAL CAST IRON	E/SD-1	2170058.1032	1897634.2152
DS-11	866.37	864.20	18" DRAIN BASIN	18" STD. SLOTTED GRATE	N/A	B/SD-1	2170026.2166	1897638.0837
DS-12	867.20	864.28	8 LF TRENCH DRAIN	ACO K300	LONGITUDINAL CAST IRON	E/SD-1	2170011.3229	1897641.7028
DS-13	866.45	864.33	18" (MIN.) DRAIN BASIN	18" STD. SLOTTED	N/A	B/SD-1	2169993.5924	1897642.0986
DS-14	866.44	864.10	18" (MIN.) DRAIN BASIN	18" STD. SLOTTED	N/A	B/SD-1	2169966.8310	1897645.4027
DS-15	866.45	863.90	18" (MIN.) DRAIN BASIN	18" STD. SLOTTED	N/A	B/SD-1	2169958.3120	1897633.4399
DS-16	867.20	864.34	9 LF TRENCH DRAIN	ACO K300	LONGITUDINAL CAST IRON	E/SD-1	2169938.4512	1897624.0953
DS-17	866.09	863.14	18" (MIN.) DRAIN BASIN	18" STD. SLOTTED	N/A	B/SD-1	2169952.6839	1897682.9573
DS-18	865.93	861.24	48" MANHOLE (MIN)	SOLID LID	NEENAH R-1733	A/SD-1	2169958.1875	1897562.5201
DS-19	N/A	861.12	HEADWALL	GALV. BAR & GRATE	N/A	D/SD-1	2169966.7026	1897539.0859
DS-20	N/A	856.09	HEADWALL	GALV. BAR & GRATE	N/A	D/SD-1	2169950.9272	1897397.1106
DS-21	N/A	855.70	HEADWALL	GALV. BAR & GRATE	N/A	D/SD-1	2169875.5098	1897416.3046
DS-22	866.64	864.36	53 LF TRENCH DRAIN	ACO K300	LONGITUDINAL CAST IRON	E/SD-1	2169669.5913	1897678.1774
DS-23	865.87	861.87	48" MANHOLE (MIN)	NEENAH R-2577 TYPE C	NEENAH R-1733	A/SD-1	2170101.0655	1897856.6622
DS-24	865.82	861.65	48" MANHOLE (MIN)	NEENAH R-2577 TYPE C	NEENAH R-1733	A/SD-1	2170128.1609	1897821.7048
DS-25	865.82	861.22	48" MANHOLE (MIN)	NEENAH R-2577 TYPE C	NEENAH R-1733	A/SD-1	2170114.4235	1897736.8823

STRUCTURE SCHEDULE								
STRC. NO.	GRATE ELEV.	INVERT ELEV.	STR. DESC.	GRATE TYPE	FRAME TYPE	DETAIL	NORTHING	EASTING
DS-26	865.87	861.00	48" MANHOLE (MIN)	NEENAH R-2577 TYPE C	NEENAH R-1733	A/SD-1	2170083.3477	1897709.589
DS-28	864.30	861.53	18" (MIN.) DRAIN BASIN	18" STD. SLOTTED	N/A	B/SD-1	2170005.9015	1897948.743
DS-29	865.00	860.76	18" (MIN.) DRAIN BASIN	18" STD. SLOTTED	N/A	B/SD-1	2170131.8136	1897904.471
DS-30	865.60	860.14	18" (MIN.) DRAIN BASIN	18" STD. SLOTTED	N/A	B/SD-1	2170183.4978	1897813.515
DS-31	863.46	859.50	18" (MIN.) DRAIN BASIN	18" STD. SLOTTED	N/A	B/SD-1	2170167.0732	1897707.513
DS-32	866.06	863.25	18" (MIN.) DRAIN BASIN	18" STD. SLOTTED	N/A	B/SD-1	2169852.4470	1897954.664
DS-33	865.24	862.75	18" (MIN.) DRAIN BASIN	18" STD. SLOTTED	N/A	B/SD-1	2169754.1386	1897970.723
DS-34	865.35	862.44	18" (MIN.) DRAIN BASIN	18" STD. SLOTTED	N/A	B/SD-1	2169701.0328	1897973.827
DS-35	N/A	861.72	HEADWALL	GALV. BAR & GRATE	N/A	D/SD-1	2169644.0498	1898018.109
DS-36	N/A	855.04	HEADWALL	GALV. BAR & GRATE	N/A	D/SD-1	2169534.0320	1898053.767
DS-37	N/A	854.65	HEADWALL	GALV. BAR & GRATE	N/A	D/SD-1	2169495.5238	1898059.061
DS-38	844.50	842.50	48" MANHOLE (MIN)	NEENAH R-2560-E1	NEENAH R-2577	A/SD-1	2169204.5612	1897875.998
DS-39	N/A	841.81	HEADWALL	GALV. BAR & GRATE	N/A	D/SD-1	2169124.6691	1897989.584
DS-40	N/A	883.00	HEADWALL	GALV. BAR & GRATE	N/A	D/SD-1	2170546.2444	1898213.464
DS-41	887.69	882.80	48" MANHOLE (MIN)	NEENAH R-2560-E1	NEENAH R-2577	A/SD-1	2170539.6137	1898173.866
DS-42	N/A	882.39	HEADWALL	GALV. BAR & GRATE	N/A	D/SD-1	2170555.4958	1898093.607
DS-43	866.47	62.47	48" MANHOLE (MIN)	SOLID LID	NEENAH R-1733	A/SD-1	2169845.0364	1897633.651
DS-44	N/A	862.18	HEADWALL	GALV. BAR & GRATE	N/A	D/SD-1	2169839.4611	1897588.518
DS-45	N/A	862.18	PERF. PIPE HEADWALL	GALV. BAR & GRATE	N/A	D/SD-1	2170272.5912	1897709.069
DS-46	865.17	857.69	48" MANHOLE (MIN)	SOLID LID	NEENAH R-1733	A/SD-1	2169641.3172	1897620.827
DS-47	866.48	864.17	13 LF TRENCH DRAIN	LONGITUDINAL CAST IRON	ACO K300	C/SD-1	2169746.4390	1897648.829
DS-48	866.01	862.09	18" DRAIN BASIN	18" STD. SLOTTED GRATE	N/A	C/SD-1	2169913.5151	1897947.413
DS-49	866.22	863.62	18" DRAIN BASIN	18" STD. SLOTTED GRATE	N/A	C/SD-1	2169954.2962	1897597.587

GENERAL SITE NOTES		SITE GRADING NOTES		SITE STORM DRAINAGE NOTES		LEGEND		
<p>1. THE SITE PLANS WERE PREPARED BASED UPON TOPOGRAPHIC SURVEYS BY THOROUGHRED ENGINEERING, 239 N BROADWAY, LEXINGTON, KY, 40507. REFER TO SITE SURVEY SHEETS.</p> <p>2. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SITE FEATURES AND CONDITIONS. REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO THE START OF CONSTRUCTION.</p> <p>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.</p> <p>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.</p> <p>5. SEE EROSION POLLUTION AND SEDIMENT CONTROL PLAN ON SD0.0 FOR RECOMMENDED BEST MANAGEMENT PRACTICES INFORMATION AND SEDIMENT CONTROLS.</p> <p>6. REFER TO CONSTRUCTION MANAGER'S PLANS AND SPECIFICATIONS FOR INFORMATION REGARDING CONSTRUCTION SCHEDULE/SEQUENCING, CONSTRUCTION FENCING/STAGING.</p>		<p>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.</p> <p>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.</p> <p>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%)</p> <p>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.</p> <p>5. SLOPE PERVIOUS SURFACES MIN. 2% AND IMPERVIOUS SURFACES MIN. 1% AWAY FROM BUILDING FOUNDATIONS.</p> <p>6. MAINTAIN GRADING TO PROMOTE POSITIVE DRAINAGE AT ALL TIMES. DO NOT ALLOW WATER TO POND IN CONSTRUCTION AREAS.</p> <p>7. RELOCATE ALL BURIED UTILITIES THAT ARE IMPACTED BY ANY EARTHWORK. RELOCATED UTILITY LOCATIONS ARE TO BE</p>		<p>APPROVED BY THE ARCHITECT PRIOR TO STARTING WORK.</p> <p>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 4:1 (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.</p> <p>9. ANY AREAS DISTURBED DURING CONSTRUCTION ARE TO BE RECONDITIONED, SEEDED AND MULCHED PER THE SPECIFICATIONS.</p> <p>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) FILLS ON EXISTING SOILS, ROCK CUTS OR SHOT-ROCK FILL - 98% C) PAVED AREAS AND WALKS - 95% D) 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.</p> <p>12. THE CONTRACTOR SHALL ENSURE THAT CONSTRUCTION DEBRIS AND SEDIMENT ARE REMOVED DAILY FROM SITE DRIVEWAYS, PARKING AREAS, WALKWAYS AND SURROUNDING ROADWAYS AND WALKWAYS.</p> <p>13. EXCESS SOILS ARE TO BE DISPOSED OF OFF-SITE UNLESS OWNER REQUESTS TO KEEP SATISFACTORY SOILS ON-SITE IN</p>		<p>A LOCATION DETERMINED BETWEEN THE CONTRACTOR AND OWNER.</p> <p>14. THE NEW PARKING, ROADS AND ROAD BASE ARE NOT DESIGNED TO ACCOMMODATE CONSTRUCTION TRAFFIC AND SHOULD NOT BE USED FOR SUCH UNLESS STABILIZED USING #2 CRUSHED STONE AND/OR GEO-GRID IN ADDITION TO THE PAVEMENT DESIGN SECTION SHOWN. IF THE CONTRACTOR WISHES TO USE THE NEW ROAD ALIGNMENTS DURING CONSTRUCTION, IT IS THE CONTRACTOR'S RESPONSIBILITY TO STABILIZE THE ROAD ALIGNMENT SUBGRADES AND PREVENT THEM FROM BEING DAMAGED DURING CONSTRUCTION.</p> <p>15. THE CONTRACTOR SHALL INSTALL AND MAINTAIN A CRUSHED STONE ENTRY AND DRIVE TO REDUCE SOIL TRACKING. REFER TO EPSC PLAN.</p> <p>16. ALL STORM STRUCTURES ARE TO BE DESIGNED FOR H-20 LOADING.</p> <p>17. ALL GRATES AND MANHOLE COVERS ARE TO BE HEAVY DUTY CAST IRON DESIGNED FOR H-20 LOADING.</p>		<div>DS= DRAINAGE STRUCTURE. REFER TO STORM DRAINAGE STRUCTURE SCHEDULE.</div> <div>DS= DOWNSPOUT BOOT (334993). SEE DETAIL D/SDA.1</div> <div>CD= CONDENSATE DRAIN. REFER TO MECHANICAL AND ARCHITECTURE PLANS FOR ADDITIONAL INFORMATION.</div> <div>SPOT ELEV. LEGEND</div> <div>TC - TOP OF CURB BC - BOTTOM OF CURB FFE - FINISHED FLOOR ELEVATION TD - TOP OF DECK TW - TOP OF WALL AT FINISH GRADE BW - BOTTOM OF WALL AT FINISH GRADE</div>



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NOT FOR CONSTRUCTION

SITE GRADING PLAN

MERCER COUNTY ATHLETICS - PHASE 2

FOR:

MERCER COUNTY BOARD OF EDUCATION

HARRODSBURG, KY

BG

Project No: 23012

Drawn By: MJ

Rev'd By: LMR/MBM/DS

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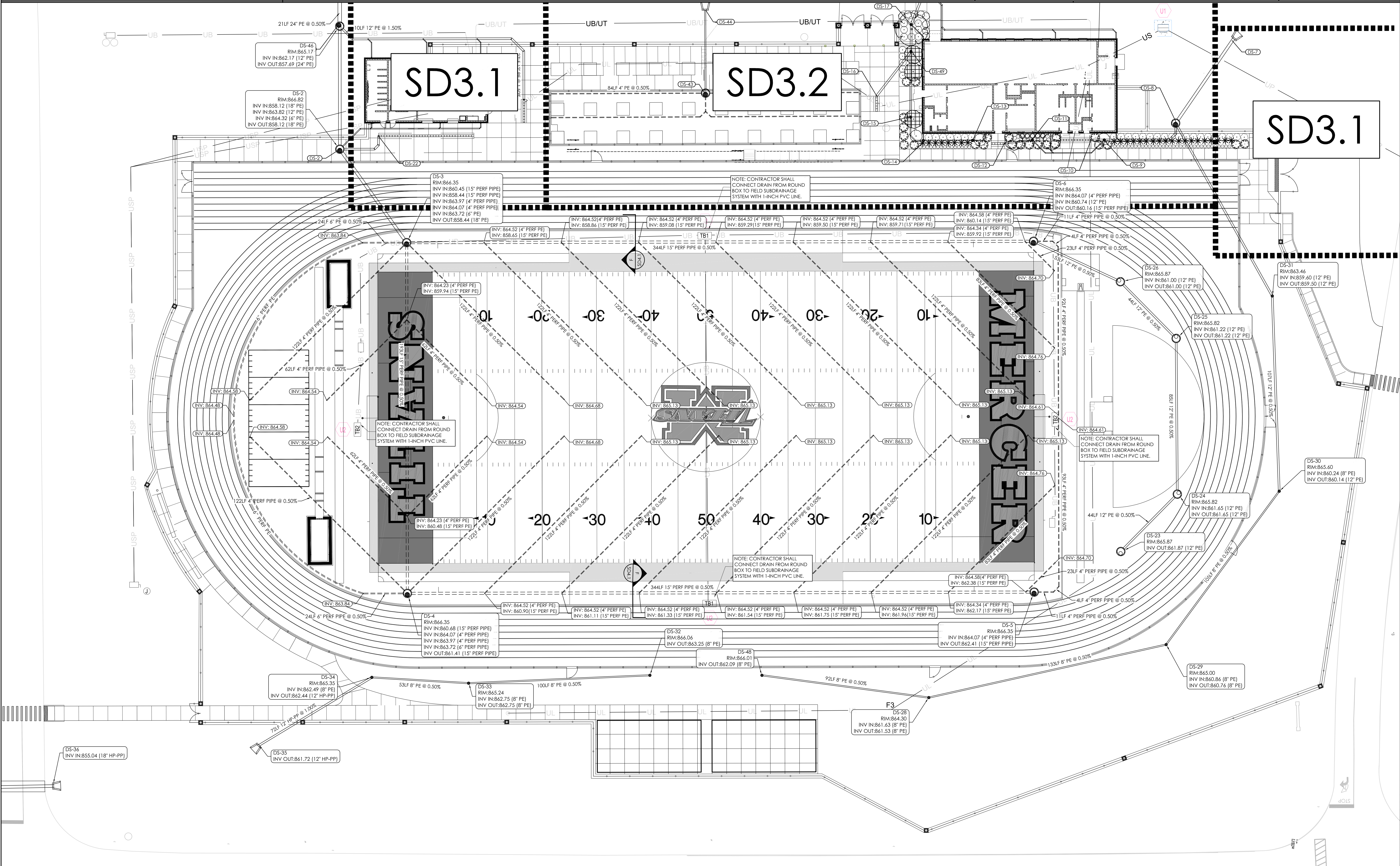
CONSTRUCTION DOCUMENTS

SD2.1

SITE GRADING AND DRAINAGE PLAN

DATE ISSUED: MARCH 5, 2026

GENERAL SITE NOTES	SITE GRADING NOTES		SITE STORM DRAINAGE NOTES	LEGEND
<div>1. THE SITE PLANS WERE PREPARED BASED UPON TOPOGRAPHIC SURVEYS BY THOROUGHRED ENGINEERING, 239 N. BROADWAY, LEXINGTON, KY. 40507. REFER TO SITE SURVEY SHEETS.</div> <div>2. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SITE FEATURES AND CONDITIONS. REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO THE START OF CONSTRUCTION.</div> <div>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.</div> <div>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.</div> <div>5. SEE EROSION POLLUTION AND SEDIMENT CONTROL PLAN ON SD0.0 FOR RECOMMENDED BEST MANAGEMENT PRACTICES INFORMATION AND SEDIMENT CONTROLS.</div> <div>6. REFER TO CONSTRUCTION MANAGER'S PLANS AND SPECIFICATIONS FOR INFORMATION REGARDING CONSTRUCTION SCHEDULE/SEQUENCING, CONSTRUCTION FENCING/STAGING.</div>	<div>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.</div> <div>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</div> <div>3. REASONABLE OBSERVATION AND VERIFICATION BY THE CONTRACTOR.</div> <div>4. ALL IMPERVIOUS SURFACES SHALL BE GRADED AND INSTALLED WITH A MINIMUM SLOPE OF ONE PERCENT (1%) AND A MAXIMUM SLOPE OF SEVEN PERCENT (7%) EXCEPT WHERE SHOWN.</div> <div>5. 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.</div> <div>6. MAINTAIN GRADING TO PROMOTE POSITIVE DRAINAGE AT ALL TIMES. DO NOT ALLOW WATER TO POND IN CONSTRUCTION AREAS.</div> <div>7. RELOCATE ALL BURIED UTILITIES THAT ARE IMPACTED BY ANY EARTHWORK. RELOCATED UTILITY LOCATIONS ARE TO BE</div> <div>8. APPROVED BY THE ARCHITECT PRIOR TO STARTING WORK.</div> <div>9. 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.</div> <div>10. ANY AREAS DISTURBED DURING CONSTRUCTION ARE TO BE RECONDITIONED, SEEDED AND MULCHED PER THE SPECIFICATIONS.</div> <div>11. 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) FILLS ON EXISTING SOILS, ROCK CUTS OR SHOT-ROCK FILL - 98% C) PAVED AREAS AND WALKS - 95% D) LANDSCAPE AREAS OUTSIDE MASS FILL AREAS - 85%</div> <div>12. 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.</div> <div>13. THE CONTRACTOR SHALL ENSURE THAT CONSTRUCTION DEBRIS AND SEDIMENT ARE REMOVED DAILY FROM SITE DRIVEWAYS, PARKING AREAS, WALKWAYS AND SURROUNDING ROADWAYS AND WALKWAYS.</div> <div>14. EXCESS SOILS ARE TO BE DISPOSED OF OFF-SITE UNLESS OWNER REQUESTS TO KEEP SATISFACTORY SOILS ON-SITE IN A LOCATION DETERMINED BETWEEN THE CONTRACTOR AND OWNER.</div> <div>15. THE NEW PARKING, ROADS AND ROAD BASE ARE NOT DESIGNED TO ACCOMMODATE CONSTRUCTION TRAFFIC AND SHOULD NOT BE USED FOR SUCH UNLESS STABILIZED USING #2 CRUSHED STONE AND/OR GEO-GRID IN ADDITION TO THE PAVEMENT DESIGN SECTION SHOWN. IF THE CONTRACTOR WISHES TO USE THE NEW ROAD ALIGNMENTS DURING CONSTRUCTION, IT IS THE CONTRACTOR'S RESPONSIBILITY TO STABILIZE THE ROAD ALIGNMENT SUBGRADES AND PREVENT THEM FROM BEING DAMAGED DURING CONSTRUCTION.</div> <div>16. THE CONTRACTOR SHALL INSTALL AND MAINTAIN A CRUSHED STONE ENTRY AND DRIVE TO REDUCE SOIL TRACKING. REFER TO EPSC PLAN.</div>		<div>1. DRAINAGE PIPE THAT CROSSES UNDER ROADS OR PARKING AREAS SHALL BE EITHER HIGH PERFORMANCE POLYPROPYLENE (HP-PP) OR REINFORCED CONCRETE (RCP). SEE PLANS FOR LOCATIONS. ALL PE PIPE SHALL BE EQUAL 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 DISCHARGE CONNECTION. PIPE SLOPE IS TO BE 0.5% MINIMUM.</div> <div>2. SEDIMENT PROTECTION DEVICES, SUCH AS Silt FENCING SHALL BE INSTALLED IN AND/OR AROUND ALL STORM STRUCTURES.</div> <div>3. EROSION CONTROL BLANKETS ARE TO BE INSTALLED AS INDICATED IN THE SPECIFICATIONS.</div> <div>4. ALL STORM STRUCTURES ARE TO BE DESIGNED FOR H-20 LOADING.</div> <div>5. ALL GRATES AND MANHOLE COVERS ARE TO BE HEAVY DUTY CAST IRON DESIGNED FOR H-20 LOADING.</div> <div>6. MAINTAIN GRADING TO PROMOTE POSITIVE DRAINAGE AT ALL TIMES.</div> <div>7. ALL ROOF DRAINS AND DOWNSPOUTS, INCLUDING CANOPY DOWNSPOUTS, ARE TO BE PIPED UNDERGROUND AND CONNECTED TO STORM WATER STRUCTURES. DOWNSPOUT BOOT AND DOWNSPOUT SIES 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.</div> <div>8. THE LOCATIONS SHOWN FOR THE NEW STORM SEWER PIPING AND STRUCTURES ARE APPROXIMATE. ACTUAL LOCATIONS CAN BE ADJUSTED WITH ARCHITECT'S 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.</div>	<div>DRainage Structure. REFER TO STORM DRAINAGE STRUCTURE SCHEDULE.</div> <div>DOWNSPOUT BOOT (334993). SEE DETAIL D/SDA.1</div> <div>CONDENSATE DRAIN. REFER TO MECHANICAL AND ARCHITECTURE PLANS FOR ADDITIONAL INFORMATION.</div> <div><b>SPOT ELEV. LEGEND</b> TC - TOP OF CURB BC - BOTTOM OF CURB FFE - FINISHED FLOOR ELEVATION TD - TOP OF DECK TW - TOP OF WALL AT FINISH GRADE BW - BOTTOM OF WALL AT FINISH GRADE</div>



SD2.2

SITE DRAINAGE PLAN

SITE GRADING AND DRAINAGE PLAN

SCALE : 1"=20'

0 20 40 Feet

Project No: 23012

Drawn By: MJ

Rev'd By: LMR/MBM/DS

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SITE DRAINAGE PLAN

SITE GRADING AND DRAINAGE PLAN

SCALE : 1"=20'

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SITE DRAINAGE PLAN

SITE GRADING AND DRAINAGE PLAN

SCALE : 1"=20'

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NOT FOR CONSTRUCTION

SITE DRAINAGE PLAN

MERCER COUNTY ATHLETICS - PHASE 2

FOR:

MERCER COUNTY BOARD OF EDUCATION

HARRODSBURG, KY

BG

Project No: 23012

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SITE DRAINAGE PLAN

SITE GRADING AND DRAINAGE PLAN

SCALE : 1"=20'

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SHEET RELEASE

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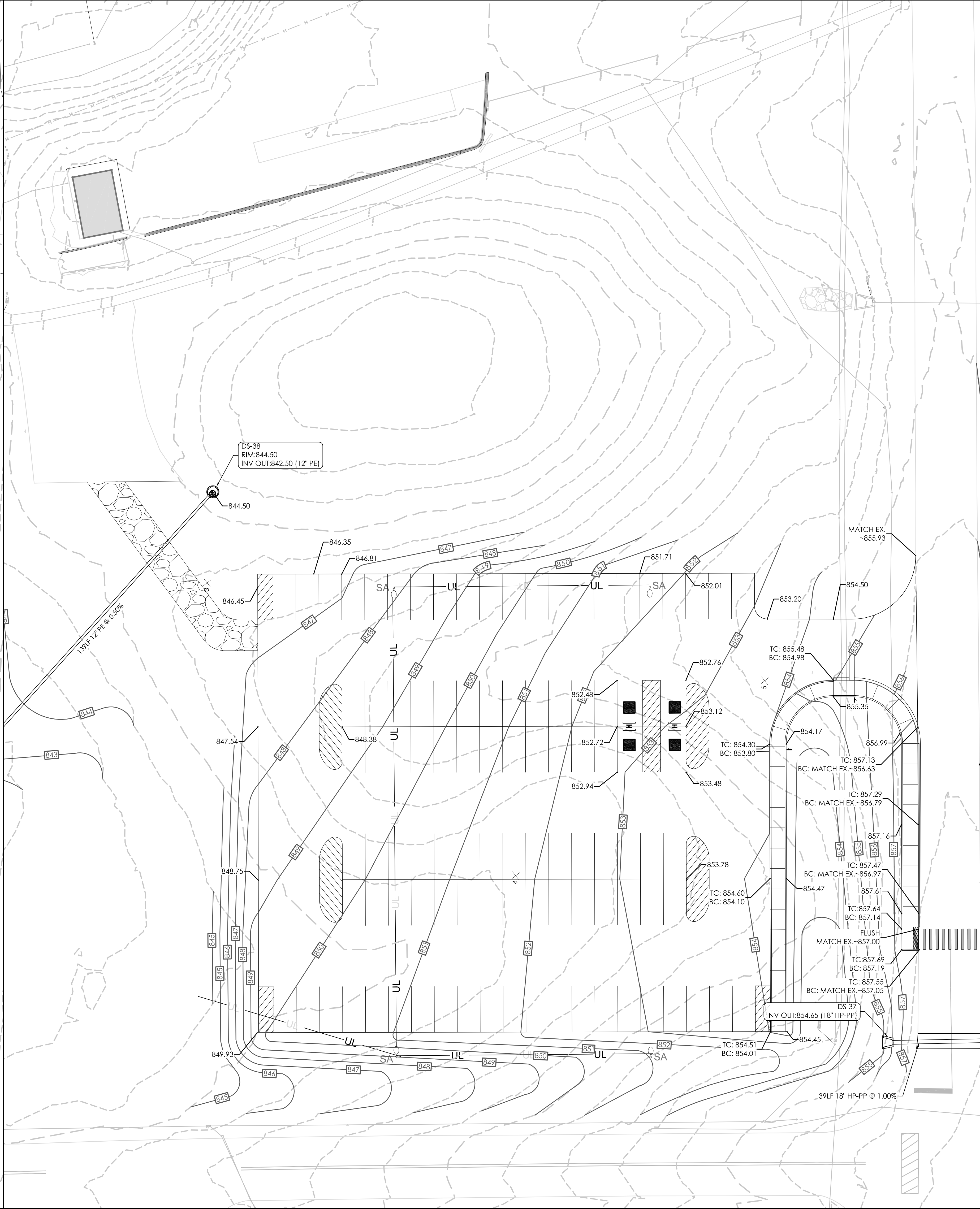
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GENERAL SITE NOTES	SITE GRADING NOTES		SITE STORM DRAINAGE NOTES	LEGEND
1. THE SITE PLANS WERE PREPARED BASED UPON TOPOGRAPHIC SURVEYS BY THOROUGHbred ENGINEERING, 239 N BROADWAY, LEXINGTON, KY, 40507. REFER TO SITE SURVEY SHEETS.	1. THE CONTRACTOR 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.	REASONABLE OBSERVATION AND VERIFICATION BY THE CONTRACTOR.	1. DRAINAGE PIPE THAT CROSSES UNDER ROADS OR PARKING AREAS SHALL BE EITHER HIGH PERFORMANCE POLYPROPYLENE (HP-PP) OR REINFORCED CONCRETE (RCP). SEE PLANS FOR LOCATIONS. 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.	<div>DS-#</div> DRAINAGE STRUCTURE. REFER TO STORM DRAINAGE STRUCTURE SCHEDULE.
2. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SITE FEATURES AND CONDITIONS. REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO THE START OF CONSTRUCTION.	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	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%)	2. SEDIMENT PROTECTION DEVICES, SUCH AS SILT FENCING SHALL BE INSTALLED IN AND/OR AROUND ALL STORM STRUCTURES.	
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. 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.	3. EROSION CONTROL BLANKETS ARE TO BE INSTALLED AS INDICATED IN THE SPECIFICATIONS.	<div>DS-3</div> DOWNSPOUT BOOT (334993). SEE DETAIL D/SD4.1
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. SLOPE PERVIOUS SURFACES MIN. 2 % AND IMPERVIOUS SURFACES MIN. 1% AWAY FROM BUILDING FOUNDATIONS.	4. ALL STORM STRUCTURES ARE TO BE DESIGNED FOR H-20 LOADING.	
5. SEE EROSION POLLUTION AND SEDIMENT CONTROL PLAN ON SD0.0 FOR RECOMMENDED BEST MANAGEMENT PRACTICES INFORMATION AND SEDIMENT CONTROLS.		6. MAINTAIN GRADING TO PROMOTE POSITIVE DRAINAGE AT ALL TIMES. DO NOT ALLOW WATER TO POND IN CONSTRUCTION AREAS.	5. ALL GRATES AND MANHOLE COVERS ARE TO BE HEAVY DUTY CAST IRON DESIGNED FOR H-20 LOADING.	<div>CD</div> CONDENSATE DRAIN. REFER TO MECHANICAL AND ARCHITECTURE PLANS FOR ADDITIONAL INFORMATION.
6. REFER TO CONSTRUCTION MANAGER'S PLANS AND SPECIFICATIONS FOR INFORMATION REGARDING CONSTRUCTION SCHEDULE/SEQUENCING, CONSTRUCTION FENCING/STAGING.		7. RELOCATE ALL BURIED UTILITIES THAT ARE IMPACTED BY ANY EARTHWORK. RELOCATED UTILITY LOCATIONS ARE TO BE		<div>SPOT ELEV. LEGEND</div> <div>TC - TOP OF CURB BC - BOTTOM OF CURB FFE - FINISHED FLOOR ELEVATION TD - TOP OF DECK TW - TOP OF WALL AT FINISH GRADE BW - BOTTOM OF WALL AT FINISH GRADE</div>



rosstarrant architects

a MORE group brand

101 old kelleysville avenue lewington, kentucky 40502 c 859.254.4018

NOT FOR CONSTRUCTION

SITE GRADING AND DRAINAGE PLAN

MERCER COUNTY ATHLETICS - PHASE 2

FOR:

MERCER COUNTY BOARD OF EDUCATION

HARRODSBURG, KY

BG

Project No: 25012

Drawn By: MJ

Rev'd By: LMR/MBM/DS

SHEET RELEASE

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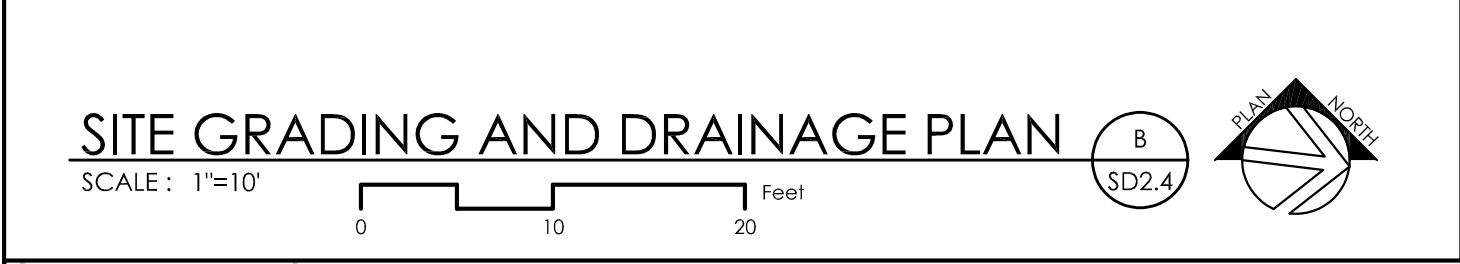
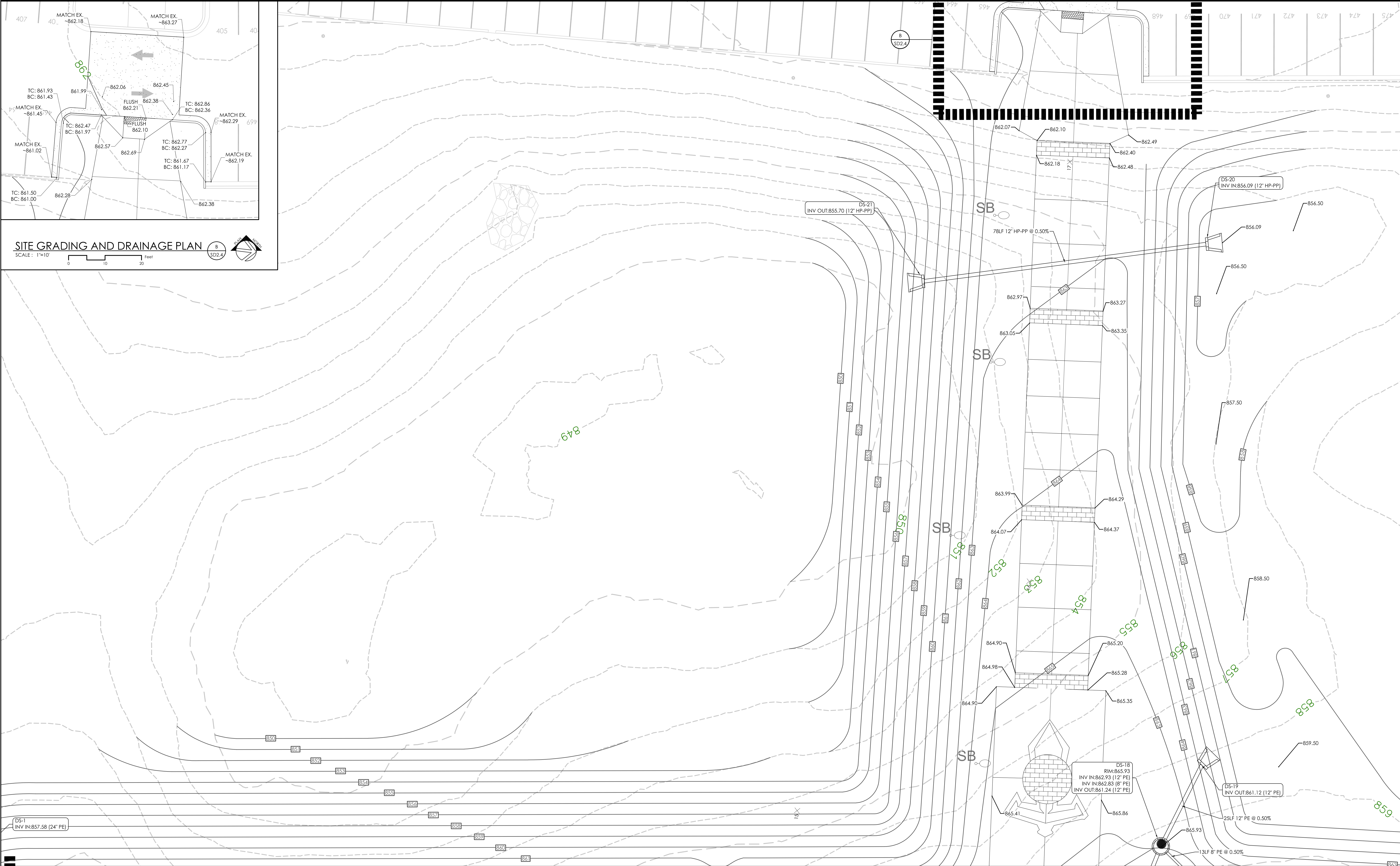
CONSTRUCTION DOCUMENTS

SD2.3

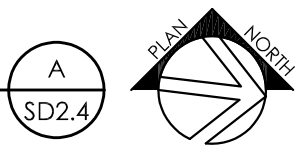
SITE GRADING AND DRAINAGE PLAN

DATE ISSUED: MARCH 5, 2026

GENERAL SITE NOTES		SITE GRADING NOTES		SITE STORM DRAINAGE NOTES		LEGEND	
1. THE SITE PLANS WERE PREPARED BASED UPON TOPOGRAPHIC SURVEYS BY THOROUGHRED ENGINEERING, 239 N BROADWAY, LEXINGTON, KY. 40507. REFER TO SITE SURVEY SHEETS.		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.		1. DRAINAGE PIPE THAT CROSSES UNDER ROADS OR PARKING AREAS SHALL BE EITHER HIGH PERFORMANCE POLYPROPYLENE (HP-PP) OR REINFORCED CONCRETE (RCP). SEE PLANS FOR LOCATIONS. 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.		DS-# DRAINAGE STRUCTURE. REFER TO STORM DRAINAGE STRUCTURE SCHEDULE.	
2. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SITE FEATURES AND CONDITIONS. REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO THE START OF CONSTRUCTION.		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		2. SEDIMENT PROTECTION DEVICES, SUCH AS SILT FENCING SHALL BE INSTALLED IN AND/OR AROUND ALL STORM STRUCTURES.		DS-D DOWNSPOUT BOOT (334993). SEE DETAIL D/SDA.1	
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.		3. REASONABLE OBSERVATION AND VERIFICATION BY THE CONTRACTOR.		3. EROSION CONTROL BLANKETS ARE TO BE INSTALLED AS INDICATED IN THE SPECIFICATIONS.		CD CONDENSATE DRAIN. REFER TO MECHANICAL AND ARCHITECTURE PLANS FOR ADDITIONAL INFORMATION.	
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.		4. ALL IMPERVIOUS SURFACES SHALL BE GRADED AND INSTALLED WITH A MINIMUM SLOPE OF TWO PERCENT (2%) AND A MAXIMUM SLOPE OF SEVEN PERCENT (7%) EXCEPT WHERE SHOWN.		4. ALL STORM STRUCTURES ARE TO BE DESIGNED FOR H-20 LOADING.		SPOT ELEV. LEGEND	
5. SEE EROSION POLLUTION AND SEDIMENT CONTROL PLAN ON SD0.0 FOR RECOMMENDED BEST MANAGEMENT PRACTICES INFORMATION AND SEDIMENT CONTROLS.		5. SLOPE PERVIOUS SURFACES MIN. 2% AND IMPERVIOUS SURFACES MIN. 1% AWAY FROM BUILDING FOUNDATIONS.		5. ALL GRATES AND MANHOLE COVERS ARE TO BE HEAVY DUTY CAST IRON DESIGNED FOR H-20 LOADING.		TC - TOP OF CURB BC - BOTTOM OF CURB FEE - FINISHED FLOOR ELEVATION TD - TOP OF DECK TW - TOP OF WALL AT FINISH GRADE BW - BOTTOM OF WALL AT FINISH GRADE	
6. REFER TO CONSTRUCTION MANAGER'S PLANS AND SPECIFICATIONS FOR INFORMATION REGARDING CONSTRUCTION SCHEDULE/SEQUENCING, CONSTRUCTION FENCING/STAGING.		6. MAINTAIN GRADING TO PROMOTE POSITIVE DRAINAGE AT ALL TIMES.		6. THE CONTRACTOR SHALL INSTALL AND MAINTAIN A CRUSHED STONE ENTRY AND DRIVE TO REDUCE SOIL TRACKING. REFER TO EPSC PLAN.			
		7. RELOCATE ALL BURIED UTILITIES THAT ARE IMPACTED BY ANY EARTHWORK. RELOCATED UTILITY LOCATIONS ARE TO BE		7. THE NEW PARKING, ROADS AND ROAD BASE ARE NOT DESIGNED TO ACCOMMODATE CONSTRUCTION TRAFFIC AND SHOULD NOT BE USED FOR SUCH UNLESS STABILIZED USING #2 CRUSHED STONE AND/OR GEO-GRID IN ADDITION TO THE PAVEMENT DESIGN SECTION SHOWN. IF THE CONTRACTOR WISHES TO USE THE NEW ROAD ALIGNMENT SUBGRADES AND PREVENT THEM FROM BEING DAMAGED DURING CONSTRUCTION.			
		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 4:1 (H:V) ARE TO RECEIVE SHORT-TERM EROSION-CONTROL BLANKETS. D) SLOPES BELOW 4:1 (H:V) ARE TO RECEIVE STRAW MULCH PER THE SPECIFICATIONS. DO NOT USE HAY.		8. THE LOCATIONS SHOWN FOR THE NEW STORM SEWER PIPING AND STRUCTURES ARE APPROXIMATE. ACTUAL LOCATIONS CAN BE ADJUSTED WITH ARCHITECT'S 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.			
		9. ANY AREAS DISTURBED DURING CONSTRUCTION ARE TO BE RECONDITIONED, SEEDED AND MULCHED PER THE SPECIFICATIONS.		9. EXCESS SOILS ARE TO BE DISPOSED OF OFF-SITE UNLESS OWNER REQUESTS TO KEEP SATISFACTORY SOILS ON-SITE IN			
		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:					



SITE GRADING AND DRAINAGE PLAN  
SCALE: 1"=10'

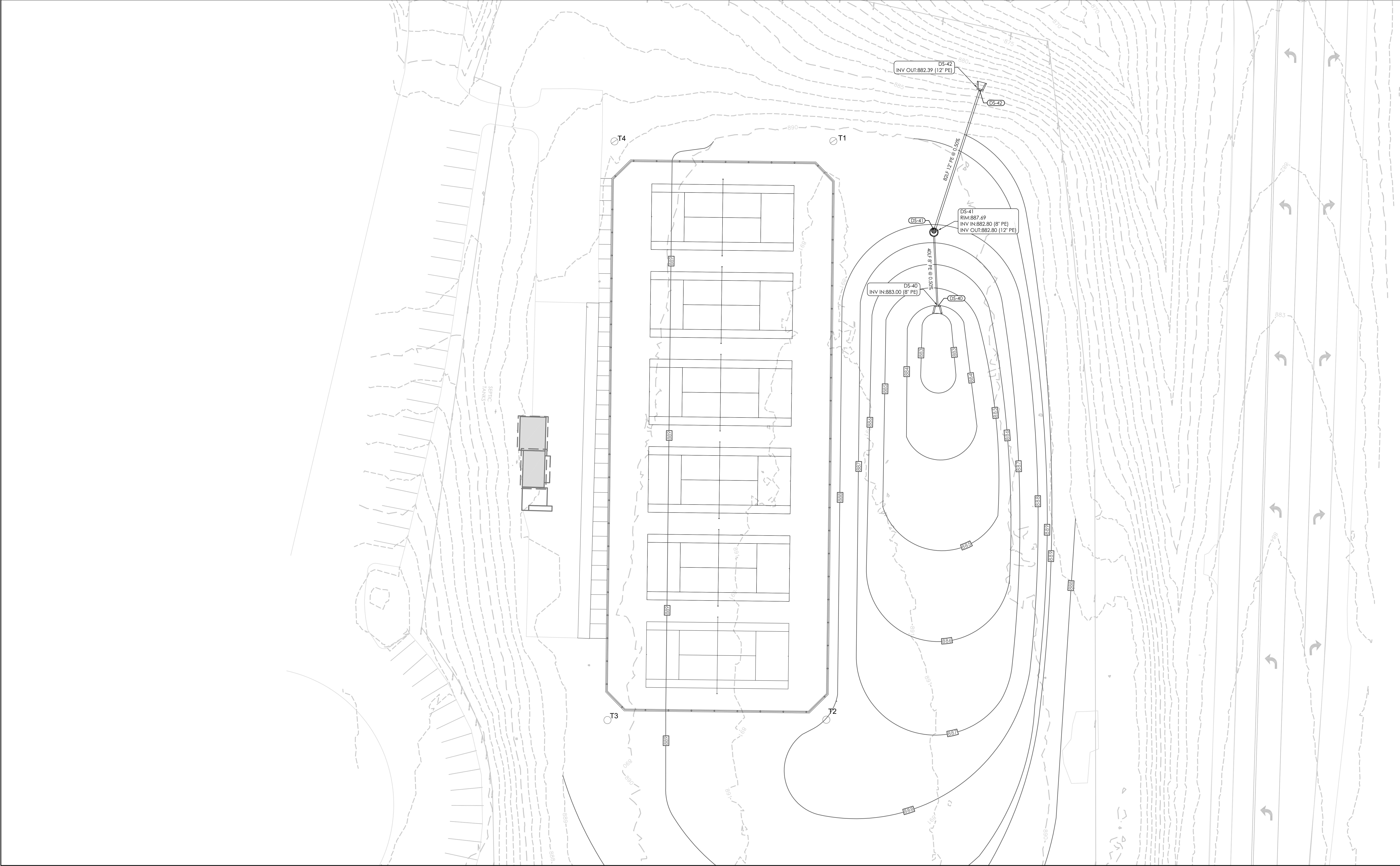


NOT FOR CONSTRUCTION

SITE GRADING AND DRAINAGE PLAN  
MERCER COUNTY ATHLETICS - PHASE 2  
FOR:  
MERCER COUNTY BOARD OF EDUCATION  
HARRODSBURG, KY

BG	
Project No:	25012
Drawn By:	AM
Rev'd By:	LMR/MBM/DS
SHEET RELEASE	
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GENERAL SITE NOTES	SITE GRADING NOTES			SITE STORM DRAINAGE NOTES			LEGEND
1. THE SITE PLANS WERE PREPARED BASED UPON TOPOGRAPHIC SURVEYS BY THOROUGHRED ENGINEERING 239 N BROADWAY, LEXINGTON, KY, 40507. REFER TO SITE SURVEY SHEETS.	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.	REASONABLE OBSERVATION AND VERIFICATION BY THE CONTRACTOR.	APPROVED BY THE ARCHITECT PRIOR TO STARTING WORK.	A) UNDER FLOOR SLABS AND FOUNDATIONS ON STRUCTURAL FILL - 98% B) FILLS ON EXISTING SOILS, ROCK CUTS OR SHOT-ROCK FILL - 98% C) PAVED AREAS AND WALKS - 95% D) LANDSCAPE AREAS OUTSIDE MASS FILL AREAS - 85%	A LOCATION DETERMINED BETWEEN THE CONTRACTOR AND OWNER.	1. DRAINAGE PIPE THAT CROSSES UNDER ROADS OR PARKING AREAS SHALL BE EITHER HIGH PERFORMANCE POLYPROPYLENE (HP-PP) OR REINFORCED CONCRETE (RCP). SEE PLANS FOR LOCATIONS. 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.	6. MAINTAIN GRADING TO PROMOTE POSITIVE DRAINAGE AT ALL TIMES.
2. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SITE FEATURES AND CONDITIONS, REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO THE START OF CONSTRUCTION.	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, TRENCING, OR OTHER CONSTRUCTION OF ANY SORT. FAILURE TO NOTIFY THE ARCHITECT IN WRITING PRIOR TO COMMENCEMENT OF EXCAVATION, GRADING, TRENCING, 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	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%).	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.	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.	14. THE NEW PARKING, ROADS AND ROAD BASE ARE NOT DESIGNED TO ACCOMMODATE CONSTRUCTION TRAFFIC AND SHOULD NOT BE USED FOR SUCH UNLESS STABILIZED USING #2 CRUSHED STONE AND/OR GEO-GRID IN ADDITION TO THE PAVEMENT DESIGN SECTION SHOWN. IF THE CONTRACTOR WISHES TO USE THE NEW ROAD ALIGNMENTS DURING CONSTRUCTION, IT IS THE CONTRACTOR'S RESPONSIBILITY TO STABILIZE THE ROAD ALIGNMENT SUBGRADES AND PREVENT THEM FROM BEING DAMAGED DURING CONSTRUCTION.	2. SEDIMENT PROTECTION DEVICES, SUCH AS SILT FENCING SHALL BE INSTALLED IN AND/OR AROUND ALL STORM STRUCTURES.	7. ALL ROOF DRAINS AND DOWNSPOUTS, INCLUDING CANOPY DOWNSPOUTS, ARE TO BE PIPED UNDERGROUND AND CONNECTED TO STORM WATER STRUCTURES. DOWNSPOUT BOOT 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.
3. THE ARCHITECT AND ARCHITECTS 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.	3. THE ARCHITECT AND ARCHITECTS 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. 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.	9. ANY AREAS DISTURBED DURING CONSTRUCTION ARE TO BE RECONDITIONED, SEEDED AND MULCHED PER THE SPECIFICATIONS.	12. THE CONTRACTOR SHALL ENSURE THAT CONSTRUCTION DEBRIS AND SEDIMENT ARE REMOVED DAILY FROM SITE DRIVEWAYS, PARKING AREAS, WALKWAYS AND SURROUNDING ROADWAYS AND WALKWAYS.	15. THE CONTRACTOR SHALL INSTALL AND MAINTAIN A CRUSHED STONE ENTRY AND DRIVE TO REDUCE SOIL TRACKING. REFER TO EPSC PLAN.	3. EROSION CONTROL BLANKETS ARE TO BE INSTALLED AS INDICATED IN THE SPECIFICATIONS.	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.
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.	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. SLOPE PERVIOUS SURFACES MIN. 2% AND IMPERVIOUS SURFACES MIN. 1% AWAY FROM BUILDING FOUNDATIONS.	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:	13. EXCESS SOILS ARE TO BE DISPOSED OF OFF-SITE UNLESS OWNER REQUESTS TO KEEP SATISFACTORY SOILS ON-SITE IN		4. ALL STORM STRUCTURES ARE TO BE DESIGNED FOR H-20 LOADING.	
5. SEE EROSION POLLUTION AND SEDIMENT CONTROL PLAN ON SD0.0 FOR RECOMMENDED BEST MANAGEMENT PRACTICES INFORMATION AND SEDIMENT CONTROLS.	5. SEE EROSION POLLUTION AND SEDIMENT CONTROL PLAN ON SD0.0 FOR RECOMMENDED BEST MANAGEMENT PRACTICES INFORMATION AND SEDIMENT CONTROLS.	6. MAINTAIN GRADING TO PROMOTE POSITIVE DRAINAGE AT ALL TIMES. DO NOT ALLOW WATER TO POND IN CONSTRUCTION AREAS.				5. ALL GRATES AND MANHOLE COVERS ARE TO BE HEAVY DUTY CAST IRON DESIGNED FOR H-20 LOADING.	
6. REFER TO CONSTRUCTION MANAGER'S PLANS AND SPECIFICATIONS FOR INFORMATION REGARDING CONSTRUCTION SCHEDULE/SEQUENCING, CONSTRUCTION FENCING/STAGING.	6. REFER TO CONSTRUCTION MANAGER'S PLANS AND SPECIFICATIONS FOR INFORMATION REGARDING CONSTRUCTION SCHEDULE/SEQUENCING, CONSTRUCTION FENCING/STAGING.	7. RELOCATE ALL BURIED UTILITIES THAT ARE IMPACTED BY ANY EARTHWORK. RELOCATED UTILITY LOCATIONS ARE TO BE					<b>SPOT ELEV. LEGEND</b> TC - TOP OF CURB BC - BOTTOM OF CURB FFE - FINISHED FLOOR ELEVATION TD - TOP OF DECK TW - TOP OF WALL AT FINISH GRADE BW - BOTTOM OF WALL AT FINISH GRADE



SITE GRADING AND DRAINAGE PLAN

SCALE: 1"=20'

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SD2.5

SITE GRADING AND DRAINAGE PLAN

MERCER COUNTY ATHLETICS - PHASE 2

FOR:

MERCER COUNTY BOARD OF EDUCATION  
HARRODSBURG, KY

NOT FOR  
CONSTRUCTION

BG

Project No: 22012  
Drawn By: MJ  
Rev'd By: LMR/MBM/DS

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SD2.5  
SITE GRADING AND DRAINAGE  
PLAN

DATE ISSUED:  
MARCH 5, 2026



GENERAL SITE NOTES		SITE DEVELOPMENT TAGS										LEGEND																	
1. THE SITE PLANS WERE PREPARED BASED UPON TOPOGRAPHIC SURVEYS BY THOROUGHBRD ENGINEERING,239 N BROADWAY, LEXINGTON, KY, 40507. REFER TO SITE SURVEY SHEETS.		EXISTING TO REMAIN, PROTECT THROUGHOUT CONSTRUCTION. (a) BUILDING TO REMAIN. NO UTILITIES TO THESE FACILITIES ARE TO BE REMOVED UNLESS NEW PERMANENT UTILITY IS PROVIDED PRIOR TO DEMOLITION. (b) PAVEMENT TO REMAIN - PATCH/REPAIR WHERE DAMAGED BY CONSTRUCTION. SAW-CUT TO PROVIDE CLEAN EDGE. (c) CONCRETE PAVING TO BE SAW-CUT BACK TO NEAREST UNDAAMAGED CONTROL OR ISOLATION JOINT. MATCH NEW ADJACENT PAVEMENT TO EXISTING PAVEMENT ELEVATIONS. (c) TREE/VEGETATION TO REMAIN. (d) UTILITY TO REMAIN. (e) GRAVEL PAVING TO REMAIN. (f) FENCING TO REMAIN. (g) STORM LINE/STRUCTURE TO REMAIN. (h) SIGNAGE TO REMAIN.		CONCRETE PAVEMENT (321313, 321373) (a) 4" DEPTH CONCRETE PAVEMENT. SEE DETAIL B/SD4.2. (b) 6" DEPTH CONCRETE PAVEMENT. SEE DETAIL B/SD4.2. (c) CONCRETE WALK WITH TURNDOWN. SEE DETAIL C/SD4.2.		CONCRETE CURB (321313, 321613, 321726) (a) 6" WIDTH HEADER CURB. SEE DETAIL A/SD4.4. (b) ACCESSIBLE DROPPED CURB TYPE "A" RAMP. SEE DETAILS F/SD4.2. (c) CONCRETE BAND. SEE DETAIL D/SD4.2. (d) FLUSH HEADER CURB AT SYNTHETIC TURF. SEE DETAIL E/SD4.2. (e) CONCRETE CURB AND GUTTER. SEE DETAIL D/SD4.2. (f) ACCESSIBLE DROPPED CURB TYPE "B" RAMP. SEE DETAILS G/SD4.2. (g) CONCRETE FENCE BAND 2'-4". SEE DETAIL D/SD4.2.		CONCRETE UNIT PAYER (a) CONCRETE UNIT PAYER 'RED'. SEE DETAIL C/SD4.4.		TRAFFIC SIGNAGE (SINGLE POST). (101433) (a) TRAFFIC SIGN STOP. SEE DETAIL M/SD4.4. (b) ACCESSIBLE PARKING SIGN. SEE DETAIL F/SD4.4.		STRUCTURE. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION. (a) NEW UTILITY. (b) SITE LIGHTING.		GRAVEL PAVEMENT. SEE DETAIL K/SD4.3.		SYNTHETIC TURF AND SHOCKPAD UNDERLAYMENT (321823.29). FINAL COLORS TO BE SUBMITTED FOR APPROVAL BY ARCHITECT AND OWNER. (a) FIELD AREA. COLORS TO BE ALTERNATING GREEN. (b) MID FIELD LOGO. SEE DETAIL B/SD4.3. (c) END ZONE TEXT ON ROYAL BLUE BACKGROUND. SEE DETAIL D/SD4.3. (d) FOOTBALL FIELD NUMBERS AND MARKINGS, WHITE AND BLUE. SEE DETAIL C/SD4.3. (e) SOCCER FIELD MARKINGS. COLOR TO BE BLACK. (f) FOOTBALL COACHES AREA. COLOR TO BE WHITE. (g) FOOTBALL 20 YARD LINE TO BE RED, WHITE, BLUE. (h) OUTER FIELD AREA. COLOR TO BE GREEN. (i) FOOTBALL DRILL AREA. STRIPING TO BE WHITE.		ORNAMENTAL FENCING (323119, 323131) (a) 6'-0" HEIGHT ORNAMENTAL FENCE. SEE DETAIL J/SD4.4. (b) 6'-0" HEIGHT ORNAMENTAL PDESTRIAN GATE. SEE DETAIL J/SD4.4. (c) 6'-0" HEIGHT, 20'-0" WIDTH DOUBLE SWING ORNAMENTAL GATE. SEE DETAIL K/SD4.4. (d) 6'-0" HEIGHT ORNAMENTAL FENCE WITH PRIVACY SLATS. SEE DETAIL A/SD4.5.		SHOT PUT PAD, TOE BOARD AND THROW FORM. (116833.43, 321613.33) (a) SHOT PUT LANDING AREA. SEE DETAIL J/SD4.2. (b) SHOT PUT PAD AND TOE BOARD. SEE DETAIL N/SD4.2.		DISCUS CAGE, THROW FORM AND RING. SEE DETAIL O/SD4.2.		SCOREBOARD. SEE MEP DRAWINGS FOR ADDITIONAL INFORMATION. (a) RELOCATED EXISTING SCOREBOARD (b) VIDEOBOARD (c) PLAYCLOCK		MASONRY PIER. SEE ARCH DRAWINGS FOR ADDITIONAL INFORMATION.		TENNIS EQUIPMENT (323113) (a) TENNIS NET AND POST. SEE DETAIL I/SD4.3. (b) TENNIS CENTER NET ANCHOR. SEE DETAIL J/SD4.3.	
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 MATERIALS TO HAZARDOUS MATERIALS IN ANY FORM AT THE PROJECT SITE, INCLUDING BUT NOT LIMITED TO ASBESTOS, ASBESTOS PRODUCTS, POLYCHLORINATED BIIPHENYL (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 SD0.0 FOR RECOMMENDED BEST MANAGEMENT PRACTICES INFORMATION AND SEDIMENT CONTROLS.																													
6. REFER TO CONSTRUCTION MANAGER'S PLANS AND SPECIFICATIONS FOR INFORMATION REGARDING CONSTRUCTION SCHEDULE/SEQUENCING, CONSTRUCTION FENCING/SITING.																													

CONCRETE PAVEMENT

GRAVEL

ASPHALT PAVEMENT

TACTILE WARNING SURFACE

ISOLATION JOINT

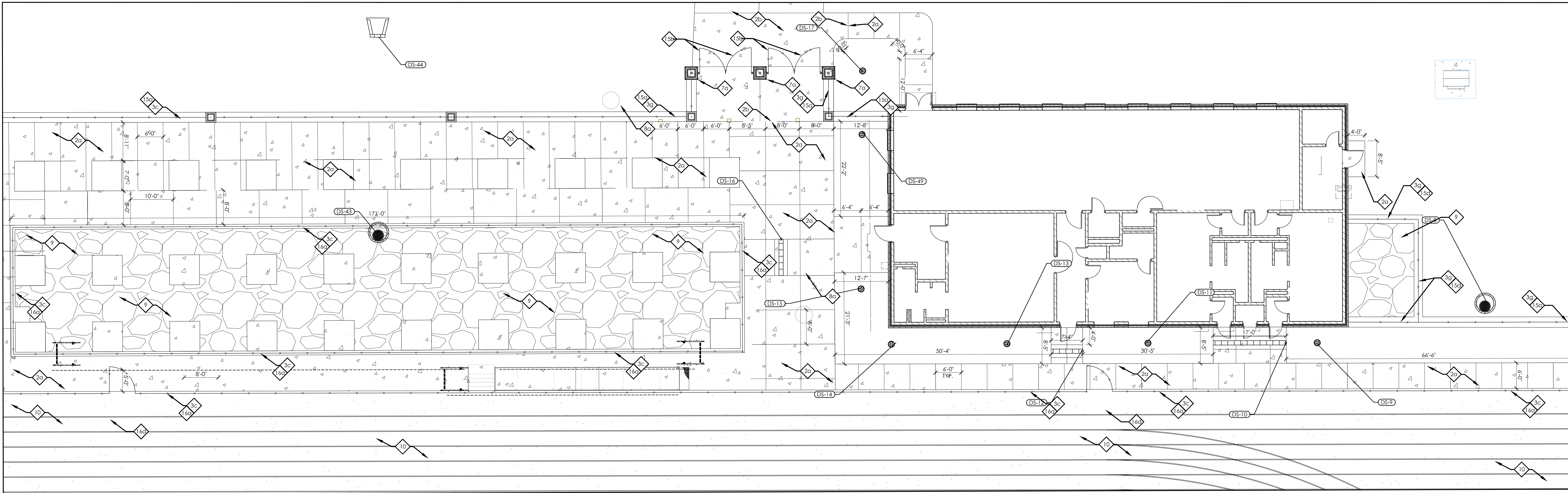
SYNTHETIC TURF

CONCRETE BRICK PAVR

rostarrent architects

a MOREgroup brand

1000 avenue leonard, kentucky 40502 p.609.254.4018



ENLARGED SITE LAYOUT AND DEVELOPMENT PLAN  
SCALE: 1"=10'  
Feet  
0 10 20  
A SD3.2

NOT FOR CONSTRUCTION

ENLARGED SITE PLANS  
MERCER COUNTY ATHLETICS - PHASE 2  
FOR:  
MERCER COUNTY BOARD OF EDUCATION  
HARRODSBURG, KY

BG

Project No: 25012  
Drawn By: MJ  
Rev'd By: LMR/MBM/DS

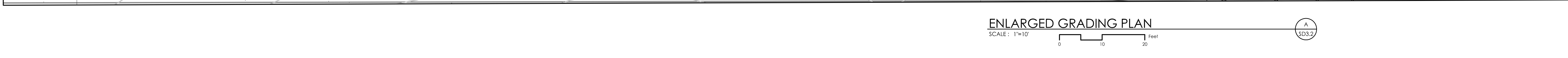
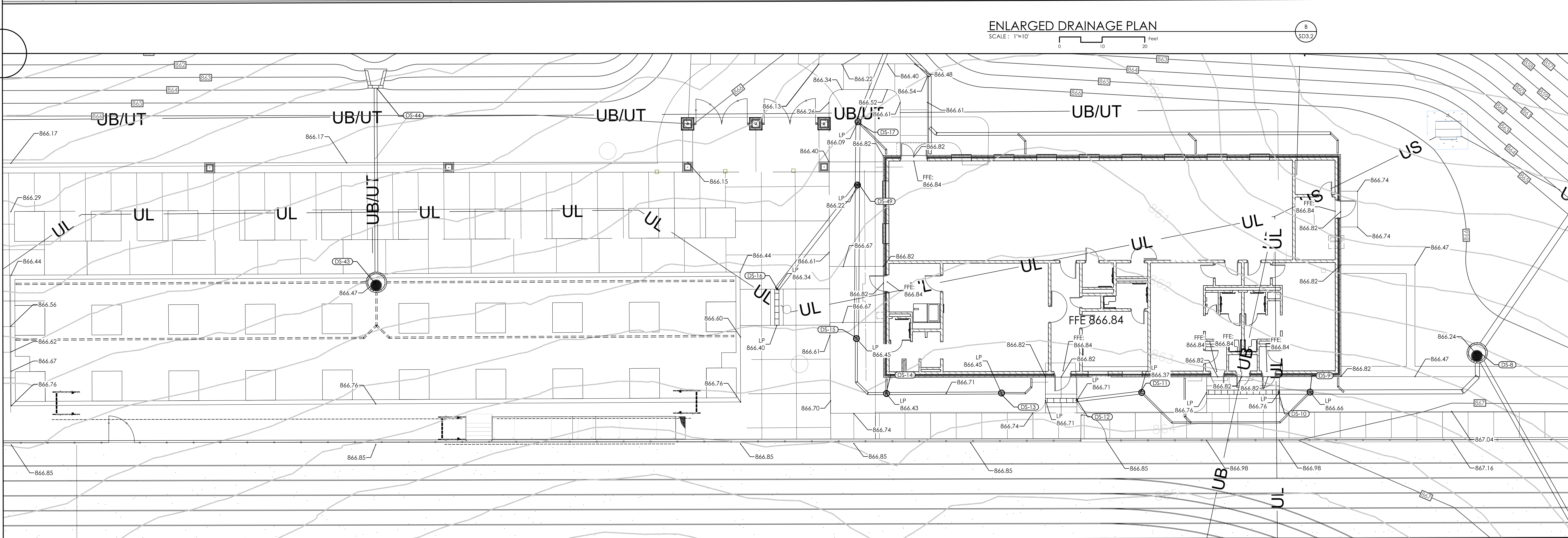
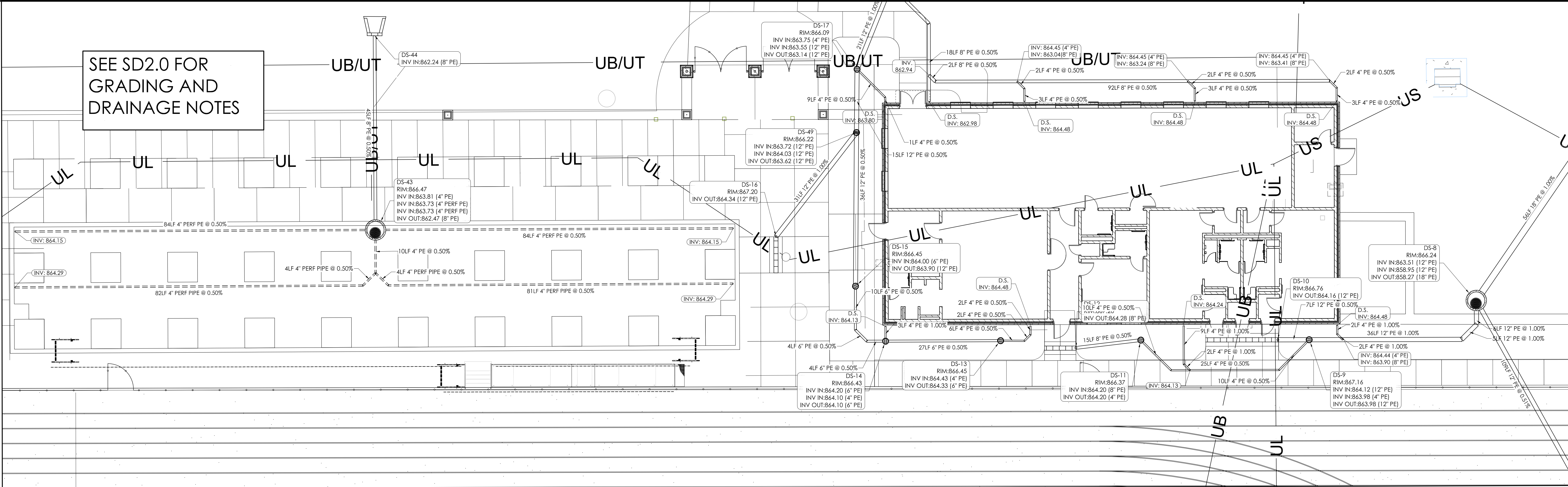
SHEET RELEASE

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SD3.2  
ENLARGED SITE PLANS  
DATE ISSUED:  
MARCH 5, 2026

GENERAL SITE NOTES	SITE GRADING NOTES		SITE STORM DRAINAGE NOTES	LEGEND
1. THE SITE PLANS WERE PREPARED BASED UPON TOPOGRAPHIC SURVEYS BY THOROUGHRED ENGINEERING, 239 N BROADWAY, LEXINGTON, KY, 40507. REFER TO SITE SURVEY SHEETS.	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.	REASONABLE OBSERVATION AND VERIFICATION BY THE CONTRACTOR.	1. DRAINAGE PIPE THAT CROSSES UNDER ROADS OR PARKING AREAS SHALL BE EITHER HIGH PERFORMANCE POLYPROPYLENE (HP-PP) OR REINFORCED CONCRETE (RCP). SEE PLANS FOR LOCATIONS. 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.	<div>DS-#</div> DRAINAGE STRUCTURE. REFER TO STORM DRAINAGE STRUCTURE SCHEDULE.
2. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SITE FEATURES AND CONDITIONS. REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO THE START OF CONSTRUCTION.	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	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.	2. SEDIMENT PROTECTION DEVICES, SUCH AS SILT FENCING SHALL BE INSTALLED IN AND/OR AROUND ALL STORM STRUCTURES.	<div>DS-S</div> DOWNSPOUT BOOT (334993). SEE DETAIL DSDA.1
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.	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%)	9. ANY AREAS DISTURBED DURING CONSTRUCTION ARE TO BE RECONDITIONED, SEEDED AND MULCHED PER THE SPECIFICATIONS.	3. EROSION CONTROL BLANKETS ARE TO BE INSTALLED AS INDICATED IN THE SPECIFICATIONS.	<div>CD</div> CONDENSATE DRAIN. REFER TO MECHANICAL AND ARCHITECTURE PLANS FOR ADDITIONAL INFORMATION.
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.	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.	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:	4. ALL STORM STRUCTURES ARE TO BE DESIGNED FOR H-20 LOADING.	<b>SPOT ELEV. LEGEND</b> TC - TOP OF CURB BC - BOTTOM OF CURB FFE - FINISHED FLOOR ELEVATION TD - TOP OF DECK TW - TOP OF WALL AT FINISH GRADE BW - BOTTOM OF WALL AT FINISH GRADE
5. SEE EROSION POLLUTION AND SEDIMENT CONTROL PLAN ON SD0.0 FOR RECOMMENDED BEST MANAGEMENT PRACTICES INFORMATION AND SEDIMENT CONTROLS.	5. SLOPE PERVIOUS SURFACES MIN. 2% AND IMPERVIOUS SURFACES MIN. 1% AWAY FROM BUILDING FOUNDATIONS.		5. ALL GRATES AND MANHOLE COVERS ARE TO BE HEAVY DUTY CAST IRON DESIGNED FOR H-20 LOADING.	
6. REFER TO CONSTRUCTION MANAGER'S PLANS AND SPECIFICATIONS FOR INFORMATION REGARDING CONSTRUCTION SCHEDULE/SEQUENCING, CONSTRUCTION FENCING/STAGING.	6. MAINTAIN GRADING TO PROMOTE POSITIVE DRAINAGE AT ALL TIMES. DO NOT ALLOW WATER TO POOL IN CONSTRUCTION AREAS.			
	7. RELOCATE ALL BURIED UTILITIES THAT ARE IMPACTED BY ANY EARTHWORK. RELOCATED UTILITY LOCATIONS ARE TO BE			



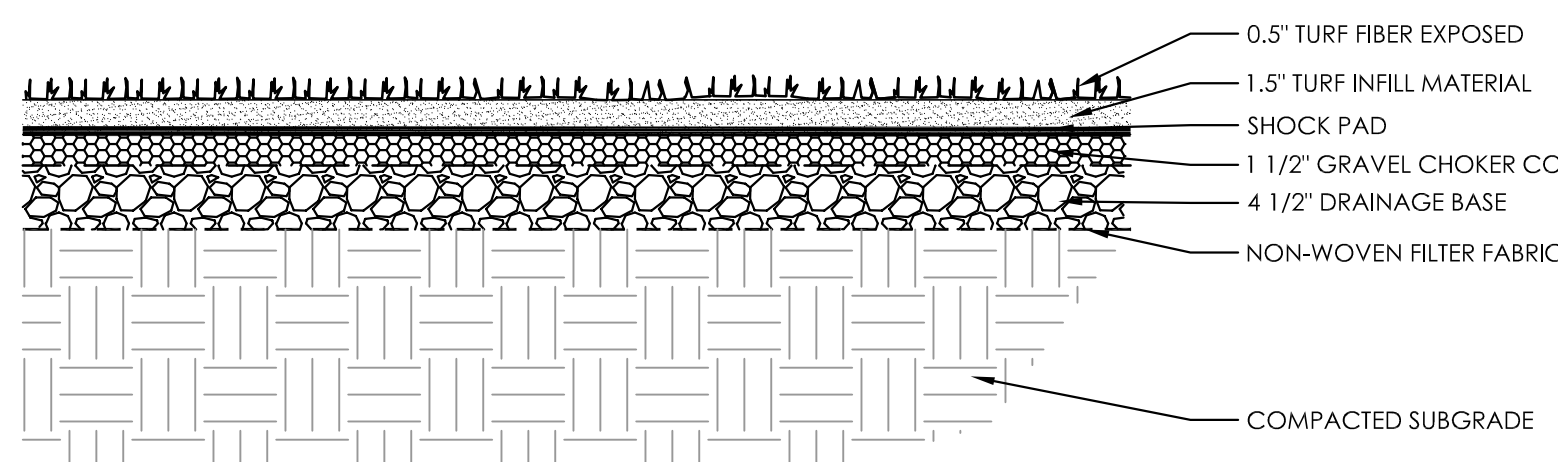
rosstarrant architects  
a MORE group brand  
101 old calvary lane | burlington, kentucky 40502 | p.852.254.4218

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ENLARGED SITE PLANS  
FOR:  
MERCER COUNTY ATHLETICS - PHASE 2  
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HARRODSBURG, KY

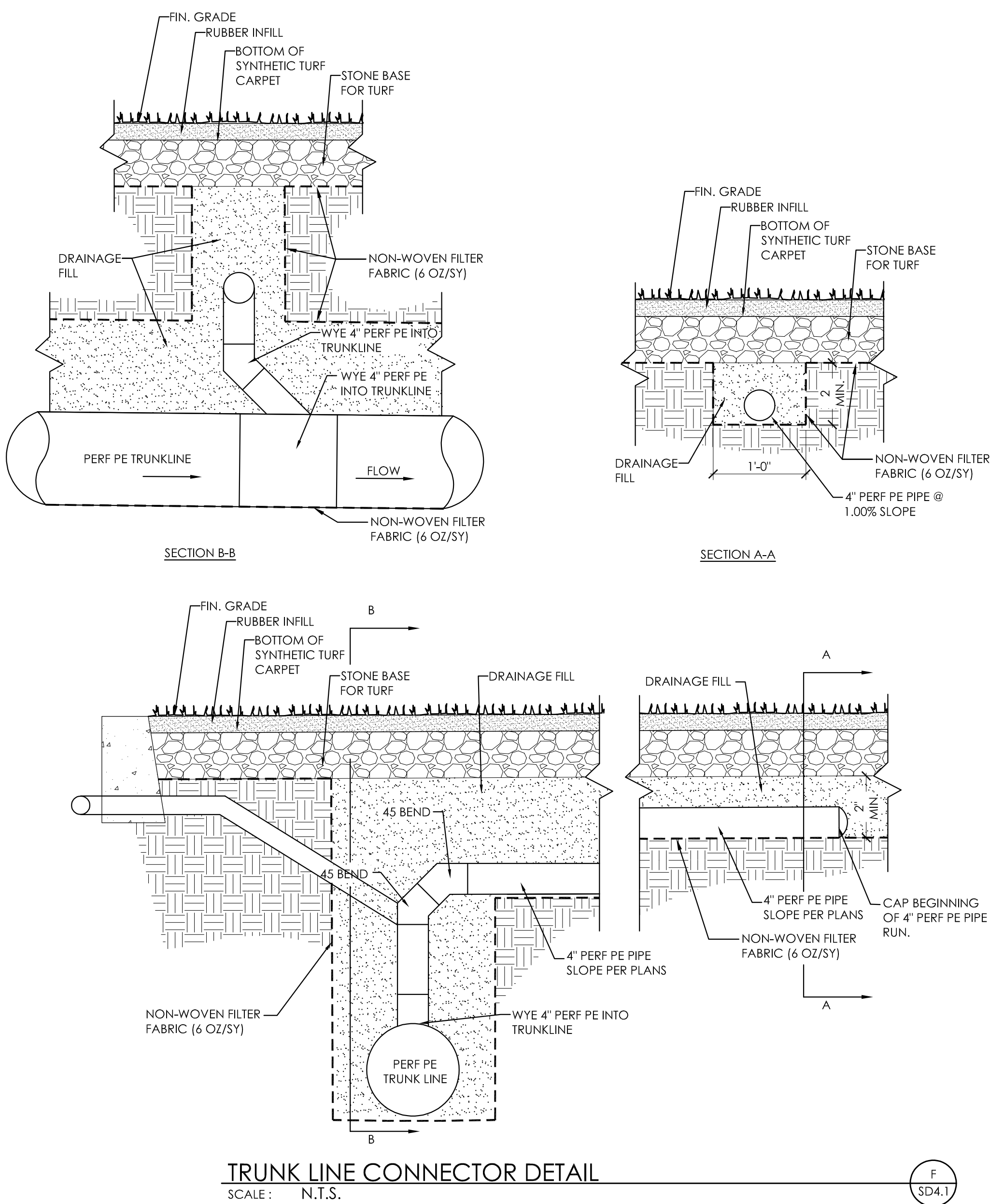
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Project No: 25012  
Drawn By: MJJ  
Rev'd By: LMR/MMB/DS  
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SD3.3  
ENLARGED SITE PLANS  
DATE ISSUED:  
MARCH 5, 2026



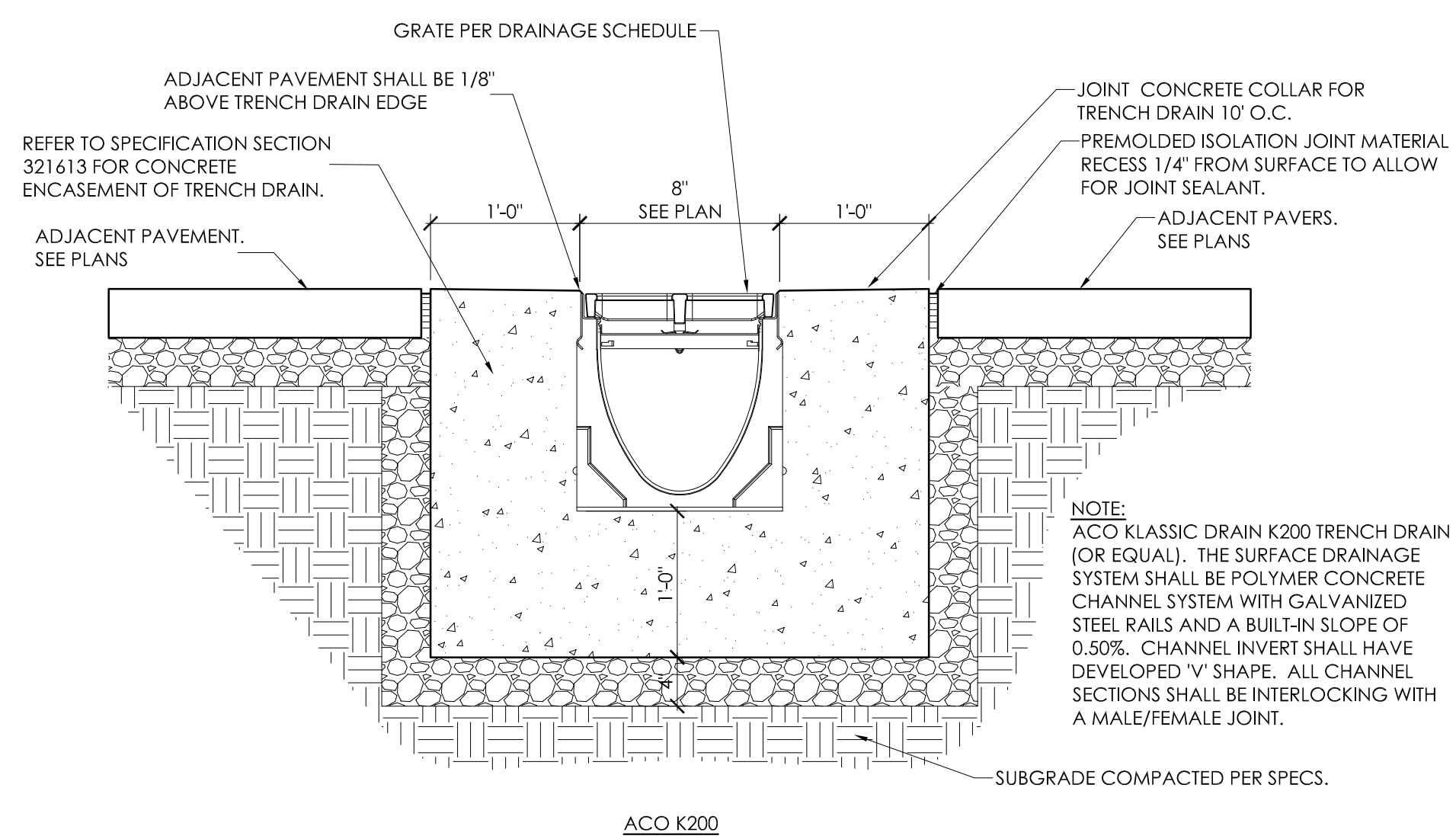
ARTIFICIAL TURF  
SCALE: N.T.S.

G  
SD4.1

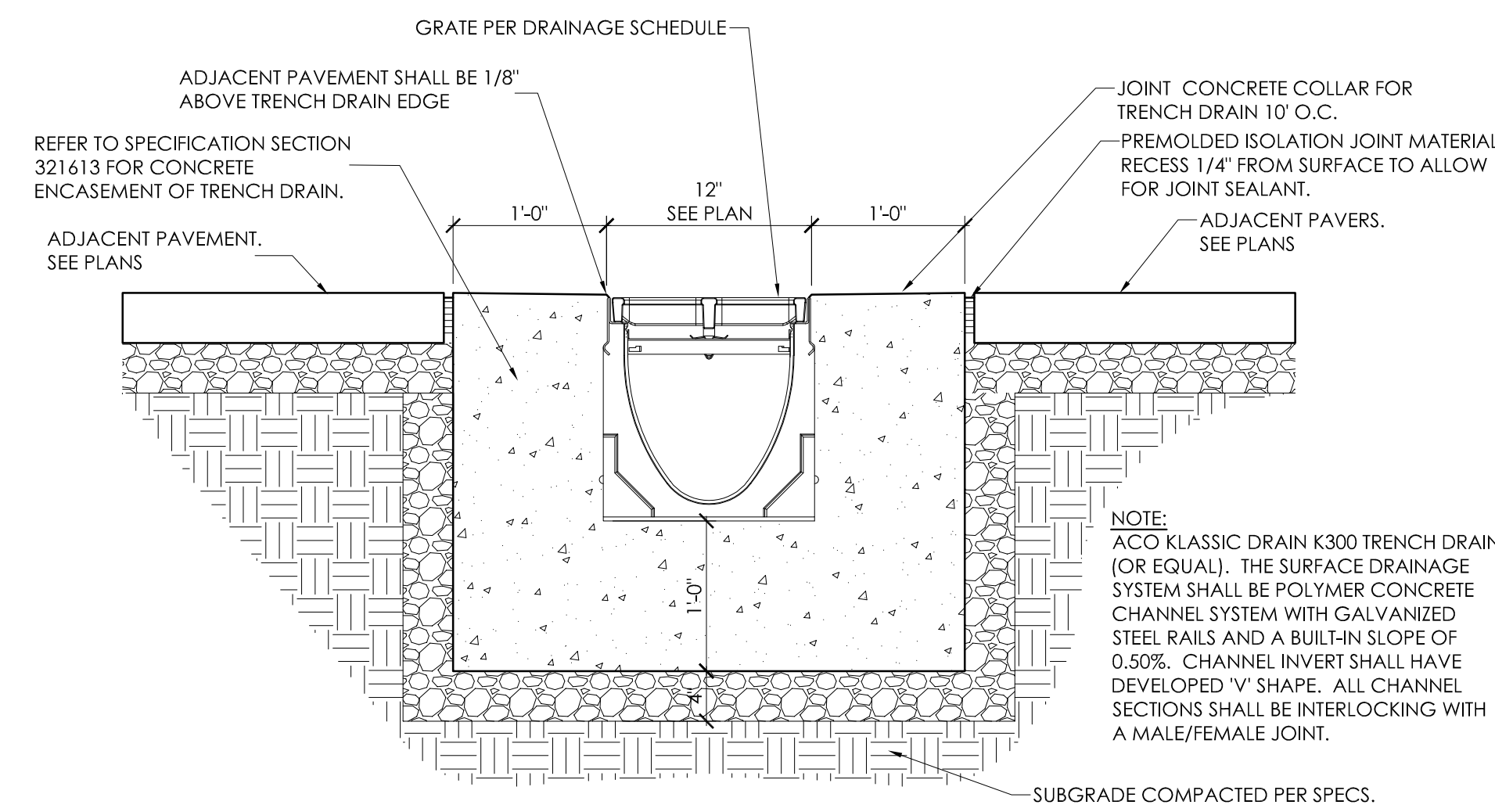


TRUNK LINE CONNECTOR DETAIL  
SCALE: N.T.S.

F  
SD4.1



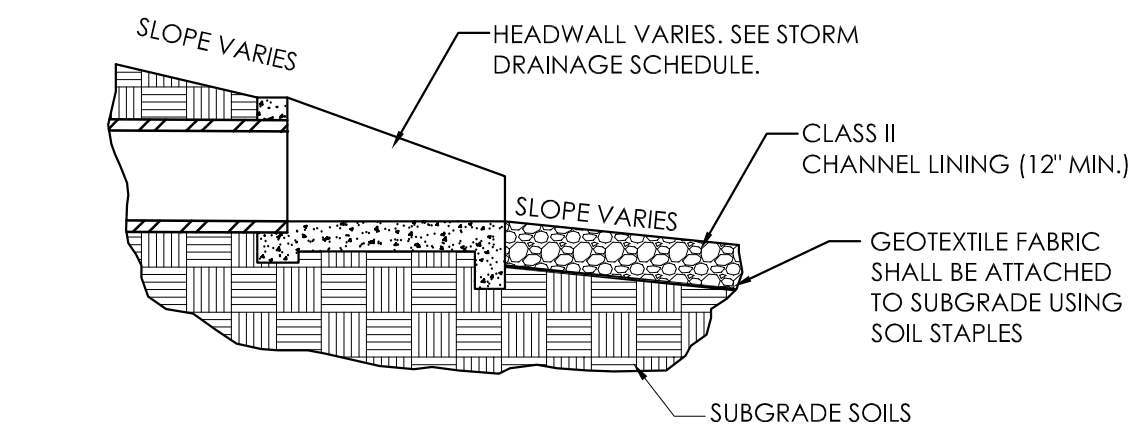
ACO K200



ACO K300

E  
SD4.1

TRENCH DRAIN  
SCALE: N.T.S.

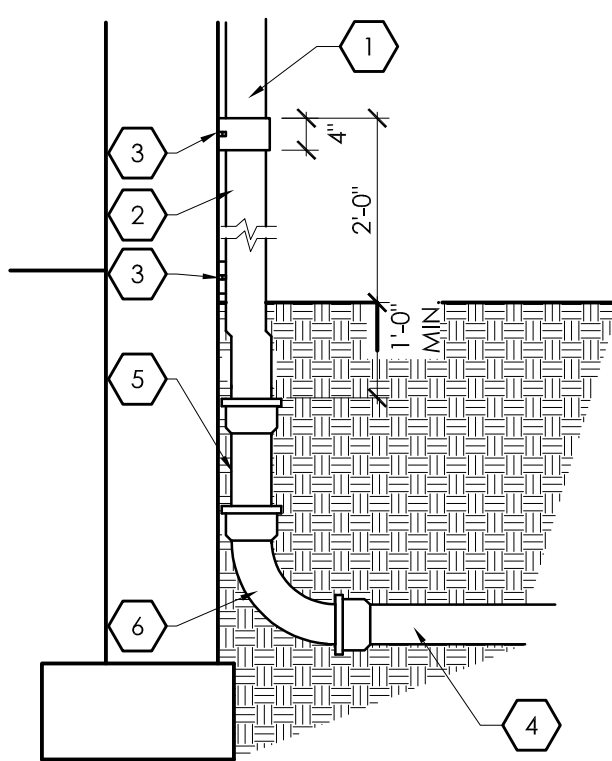


- NOTES:
- 1.) CHANNEL LINING SHALL BE PLACED IN A MANNER THAT WILL NOT TEAR OR DAMAGE THE FILTER FABRIC.
  - 2.) GEOTEXTILE FABRIC SHALL BE NON-WOVEN DRAINAGE FABRIC SUCH AS AMOCO 4545.
  - 3.) GRADING AROUND THE HEADWALL SHOULD BE SUFFICIENT TO PREVENT THE HEADWALL FROM MOVING AND TO PREVENT EROSION AROUND THE HEADWALL. SLOPED HEADWALLS ARE TO BE GRADED FLUSH SO THAT THEY CAN BE MOWED OVER.
  - 4.) RIP-RAP EROSION PROTECTION IS TO EXTEND A MINIMUM OF 25-FEET DOWNSTREAM OF THE HEADWALL AND IS TO EXTEND TO THE TOP OF THE DITCH OR A MINIMUM OF 15-FEET WIDE.

HEADWALL DETAIL

SCALE: N.T.S.

D  
SD4.1

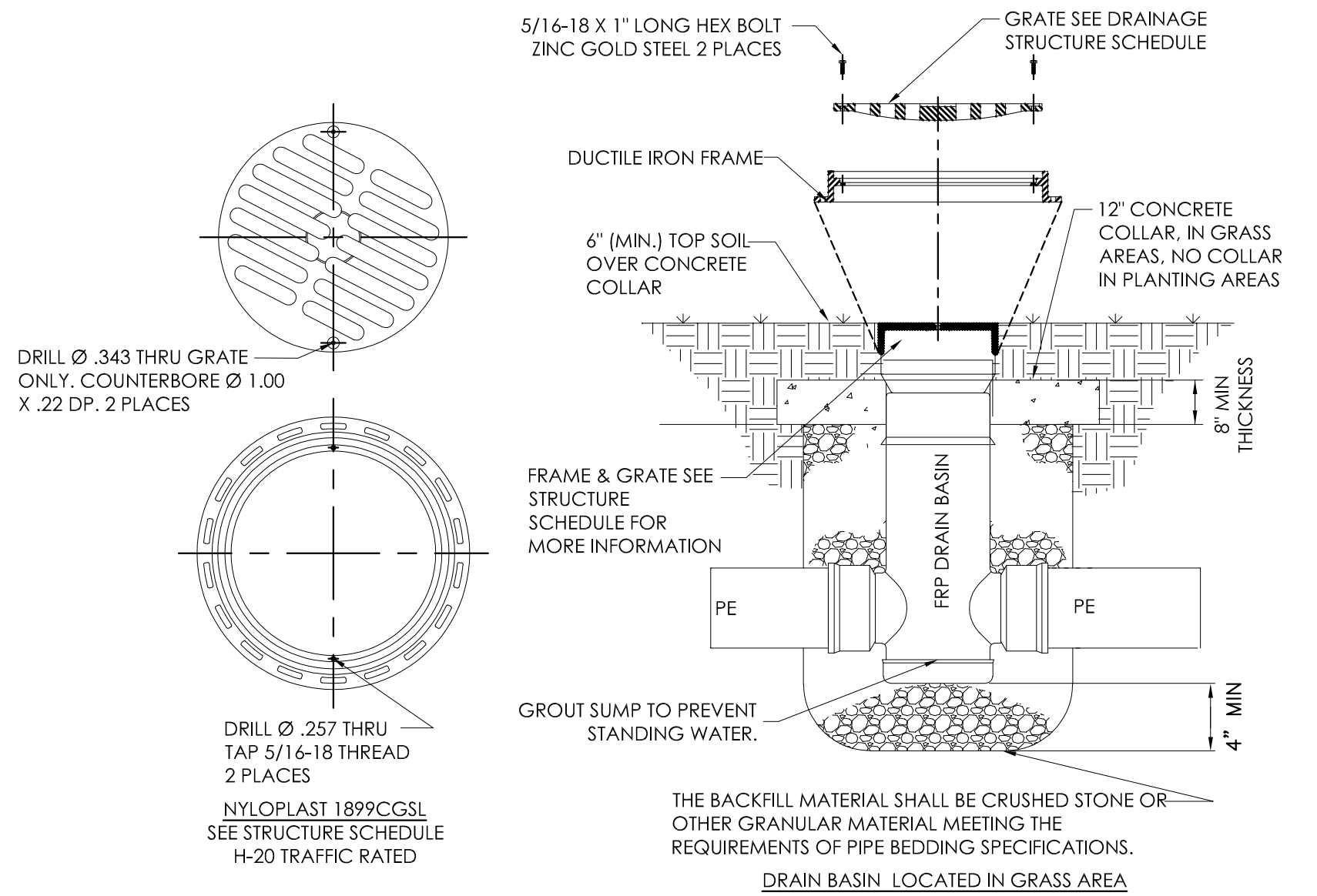


- NOTES:
1. DOWNSPOUT-SEE ARCHITECTURAL DRAWINGS FOR SIZES. COORDINATE WITH DOWNSPOUT BOOT SIZES.
  2. DOWNSPOUT BOOT PER SPECIFICATION SECTION 334993. COORDINATE BOOT SIZES WITH DOWNSPOUTS AND STORM DRAINAGE PIPING. COORDINATE EXACT LOCATIONS WITH DOWNSPOUT CONTRACTOR. INSTALL A MINIMUM OF 24\"/>
  3. SECURE TO WALL. PAINT BACK OF BOOT PRIOR TO INSTALLING.
  4. STORM DRAINAGE PIPING BELOW GRADE.
  5. PVC PIPE AS NEEDED TO EXTEND TO REQUIRED PIPE DEPTH.
  6. LONG SWEEP ELBOW

DOWNSPOUT BOOT

SCALE: N.T.S.

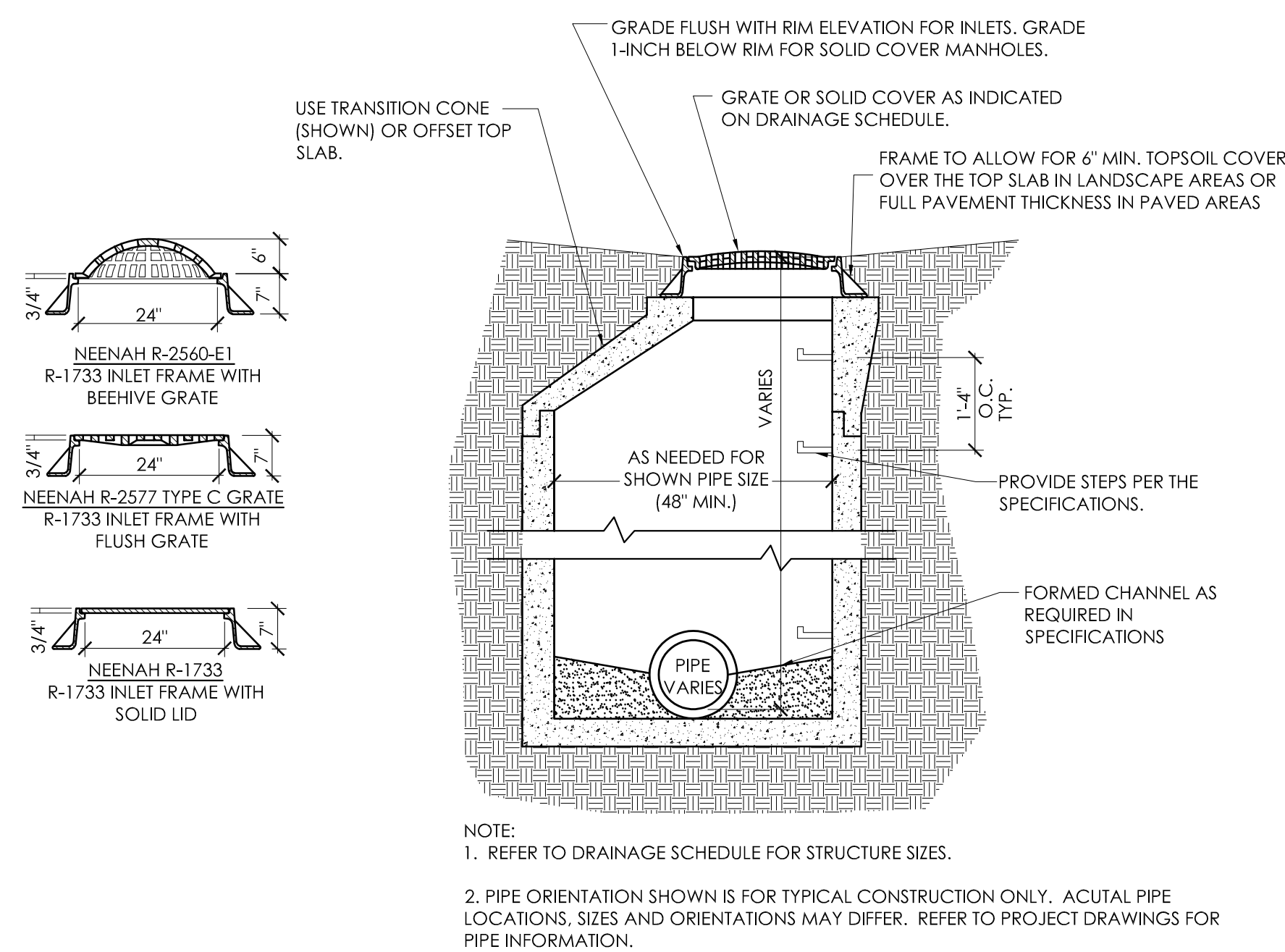
C  
SD4.1



DRAIN BASIN DETAILS

SCALE: N.T.S.

B  
SD4.1



- NOTE:
1. REFER TO DRAINAGE SCHEDULE FOR STRUCTURE SIZES.
  2. PIPE ORIENTATION SHOWN IS FOR TYPICAL CONSTRUCTION ONLY. ACTUAL PIPE LOCATIONS, SIZES AND ORIENTATIONS MAY DIFFER. REFER TO PROJECT DRAWINGS FOR PIPE INFORMATION.

MANHOLE/SURFACE INLET (TYP)

SCALE: N.T.S.

A  
SD4.1

SITE DRAINAGE DETAILS  
MERCER COUNTY ATHLETICS - PHASE 2  
FOR:  
MERCER COUNTY BOARD OF EDUCATION  
HARRODSBURG, KY

BG

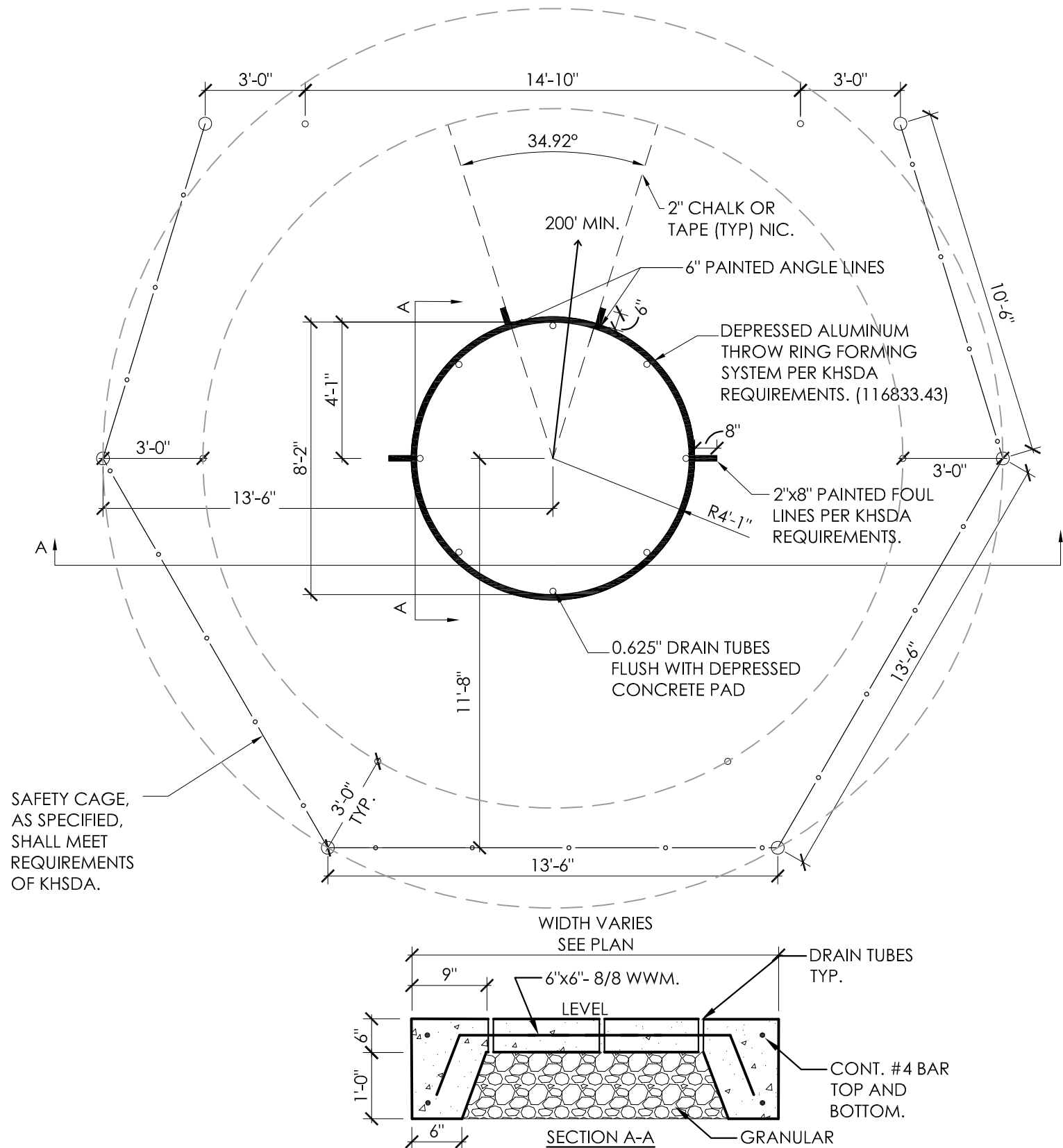
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Drawn By: MJ  
Rev'd By: LMR/MBM/DS  
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SD4.1  
SITE DRAINAGE DETAILS

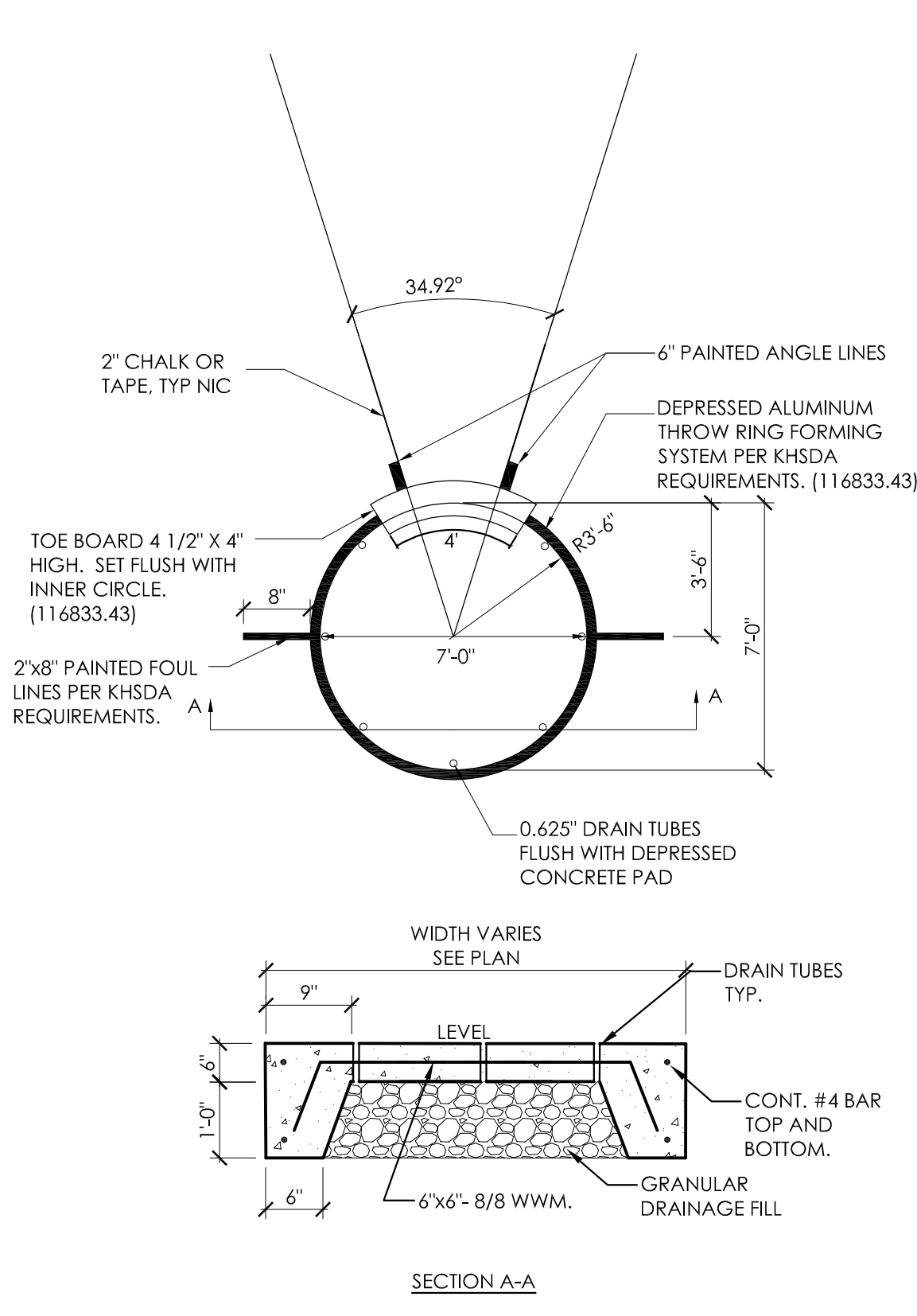
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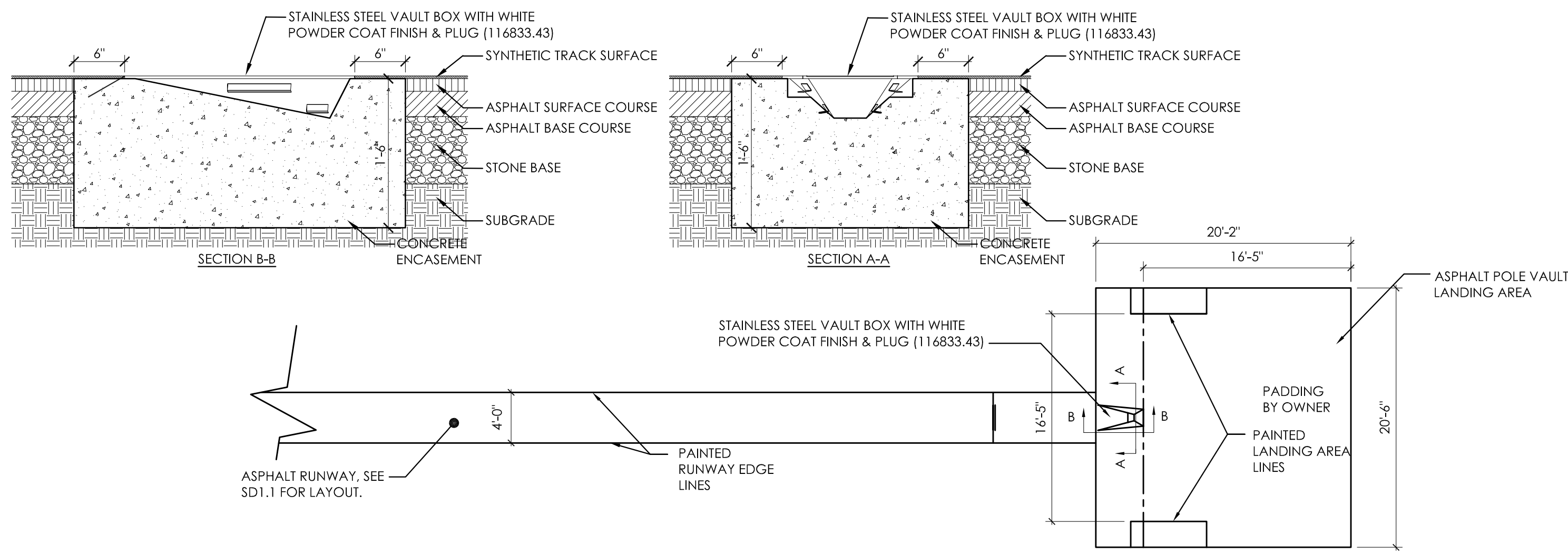
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101 old toledo avenue harrodsburg, kentucky 40522 p. 659.254.4018



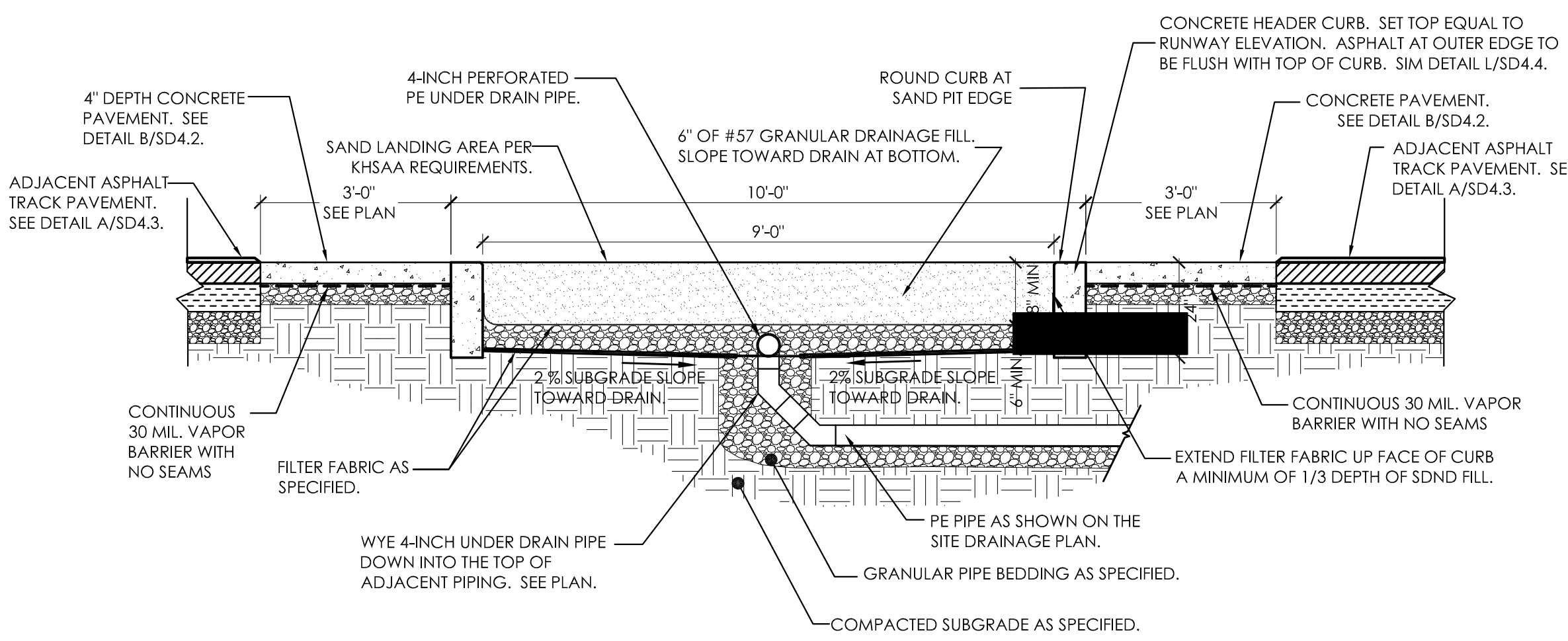
DISCUS CAGE AND RING  
SCALE: N.T.S.



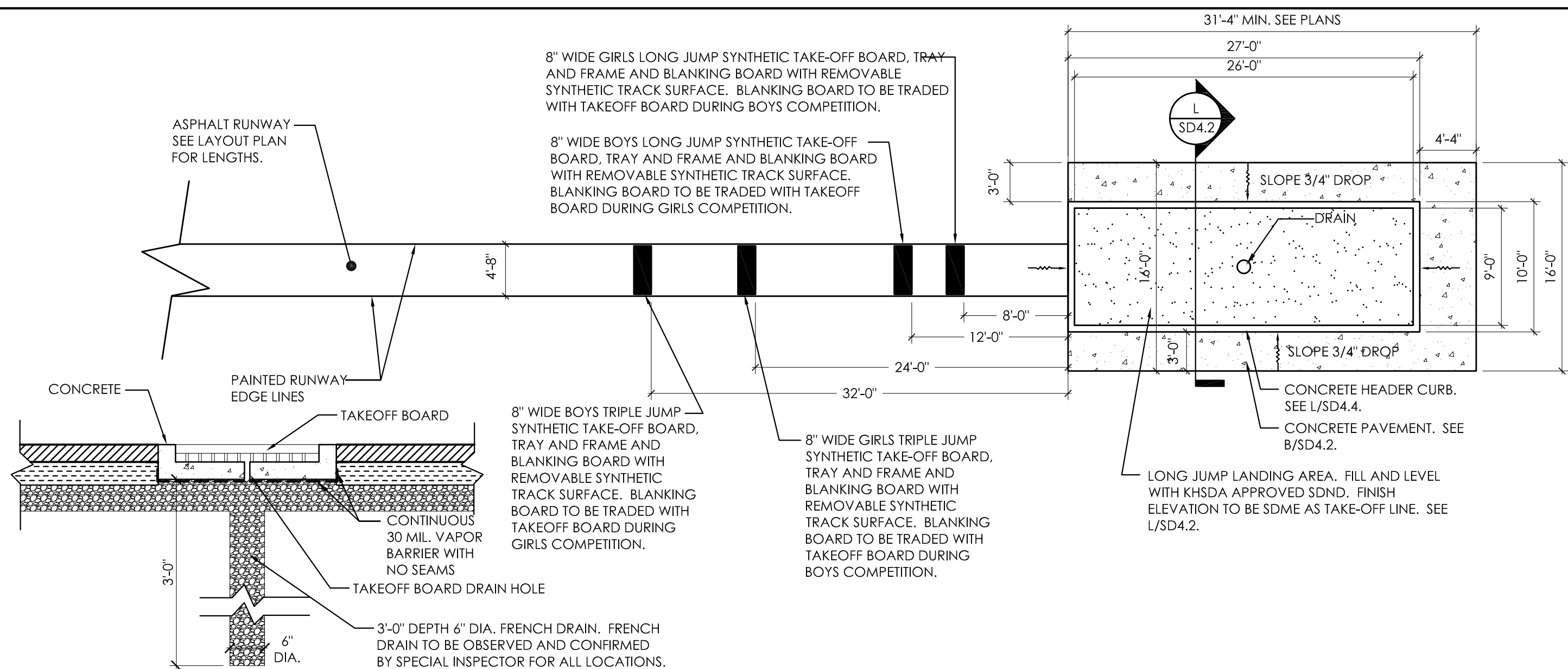
SHOT PUT PAD AND RING  
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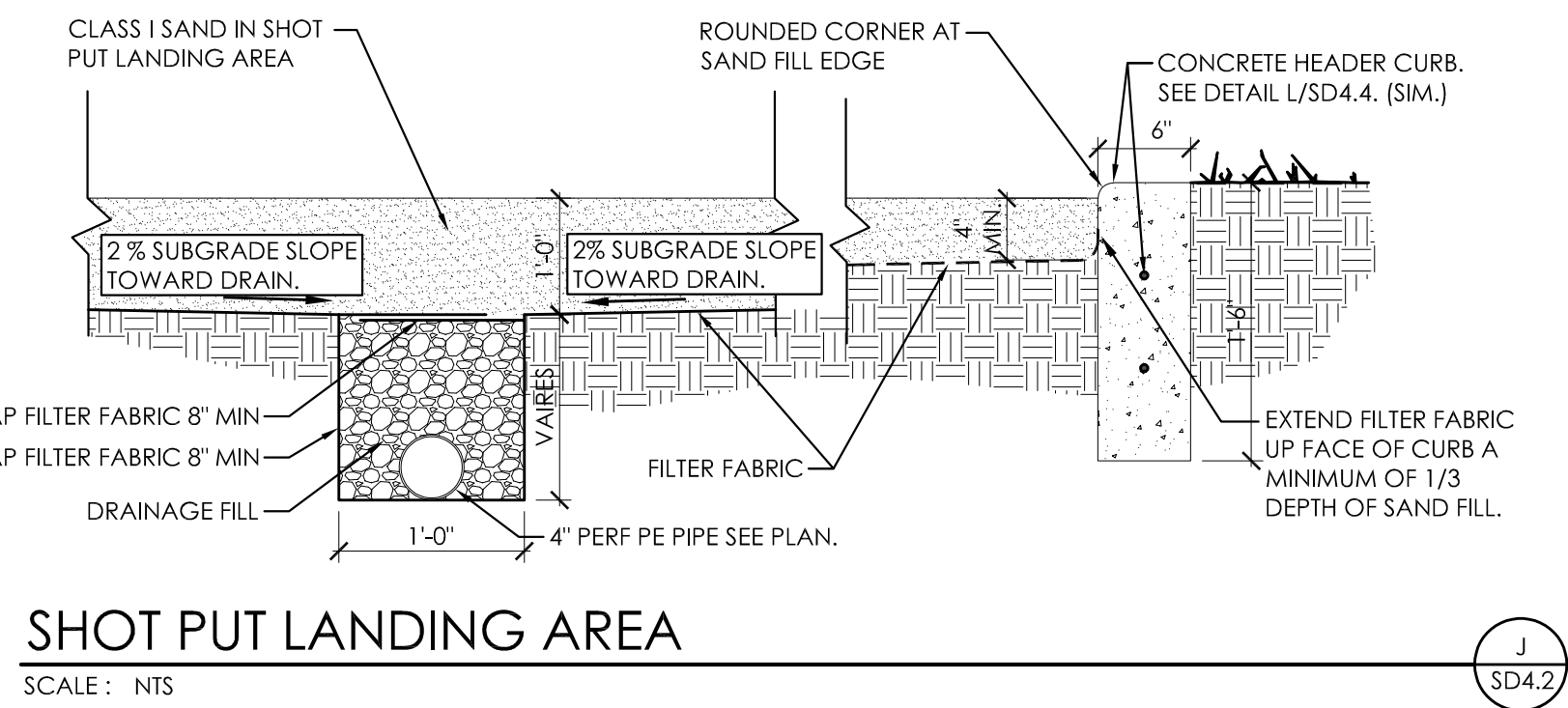
POLE VAULT RUNWAY AND LANDING AREA  
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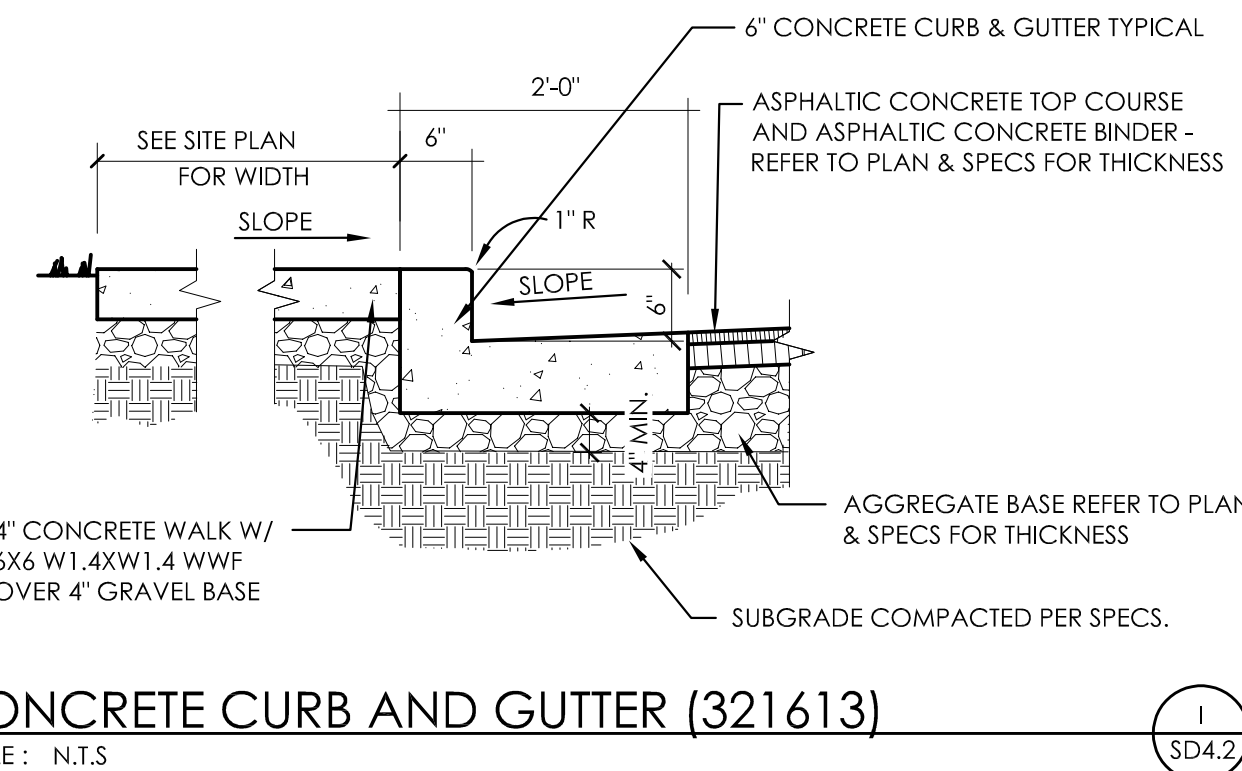
TRIPLE JUMP/LONG JUMP LANDING SECTION  
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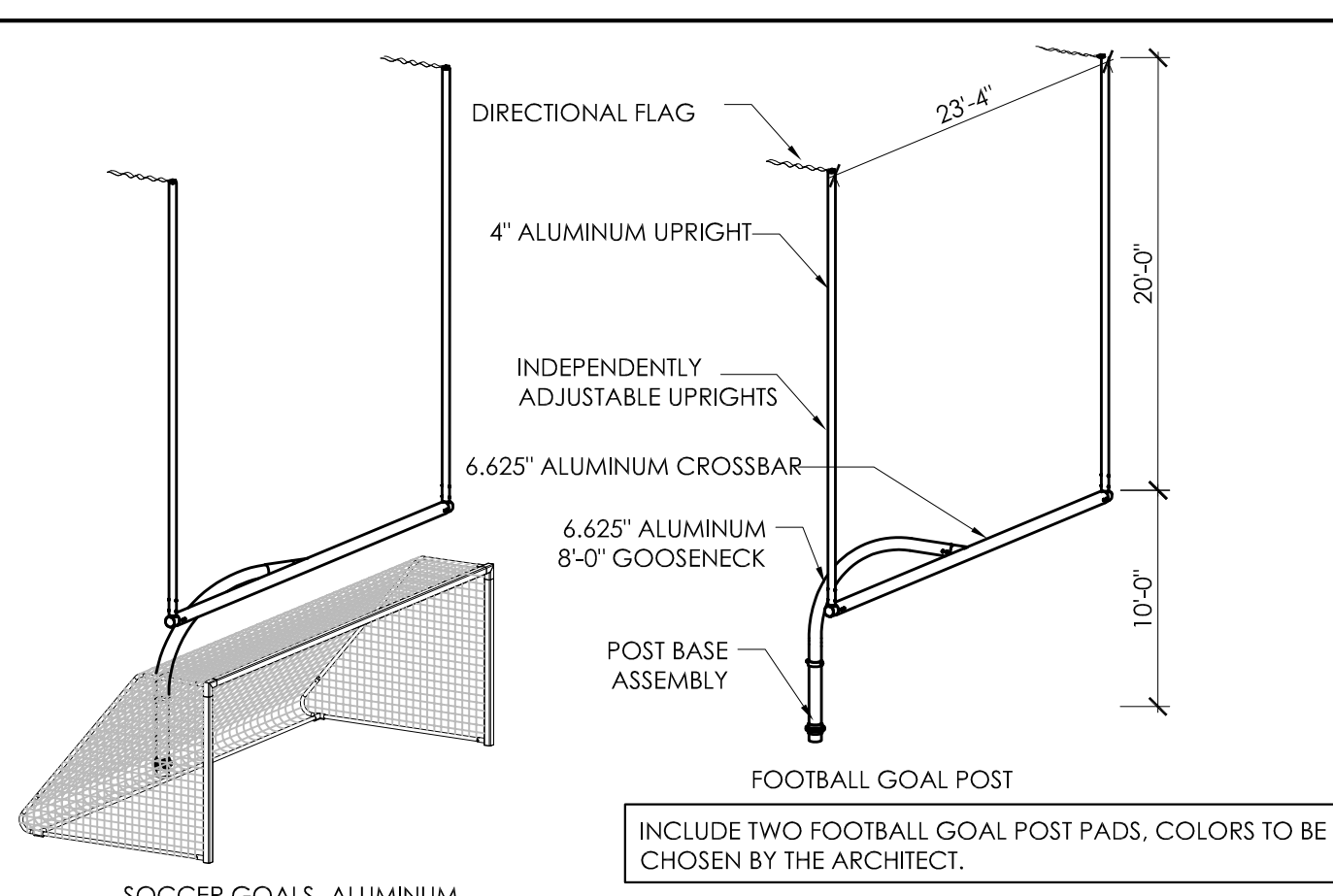
TRIPLE JUMP/LONG JUMP RUNWAY AND LANDING AREA  
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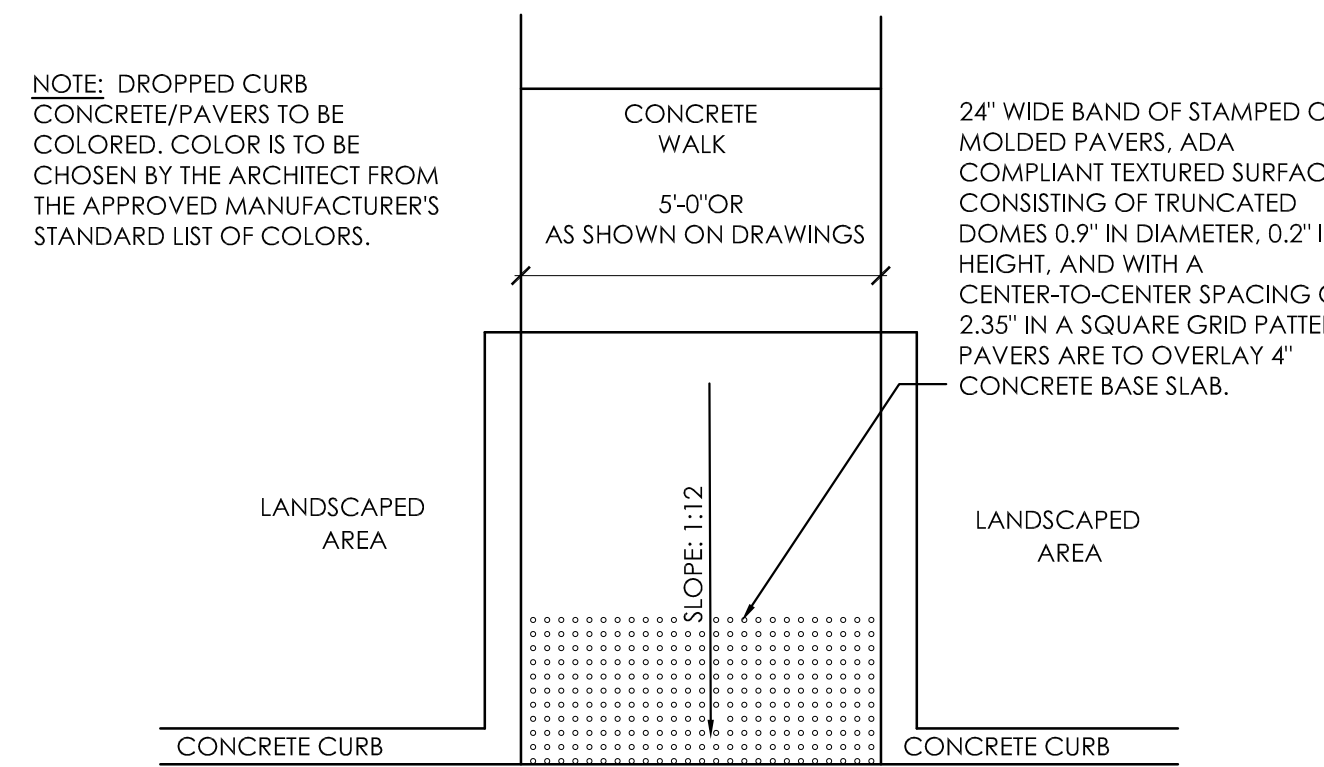
SHOT PUT LANDING AREA  
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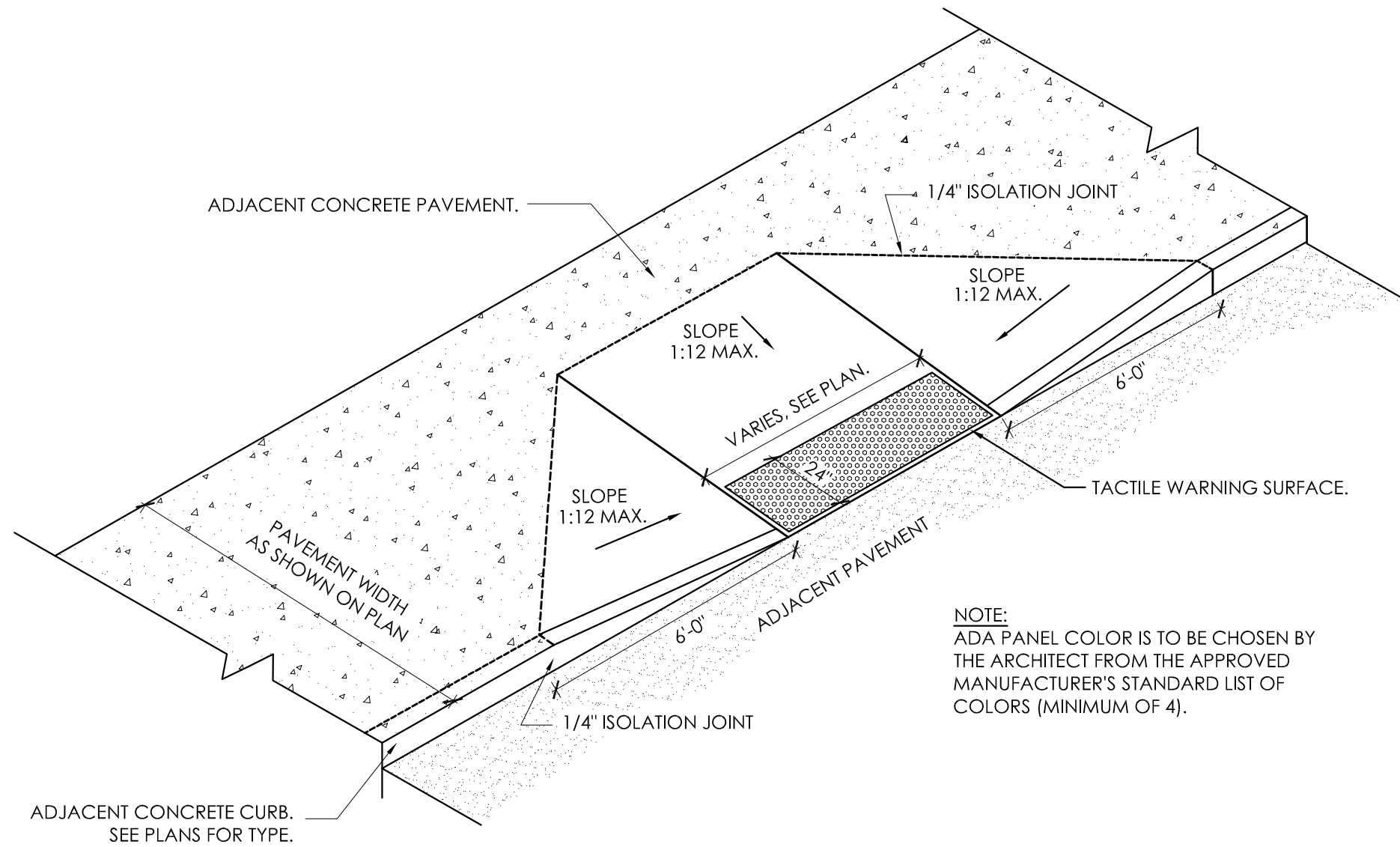
CONCRETE CURB AND GUTTER (321613)  
SCALE: N.T.S.



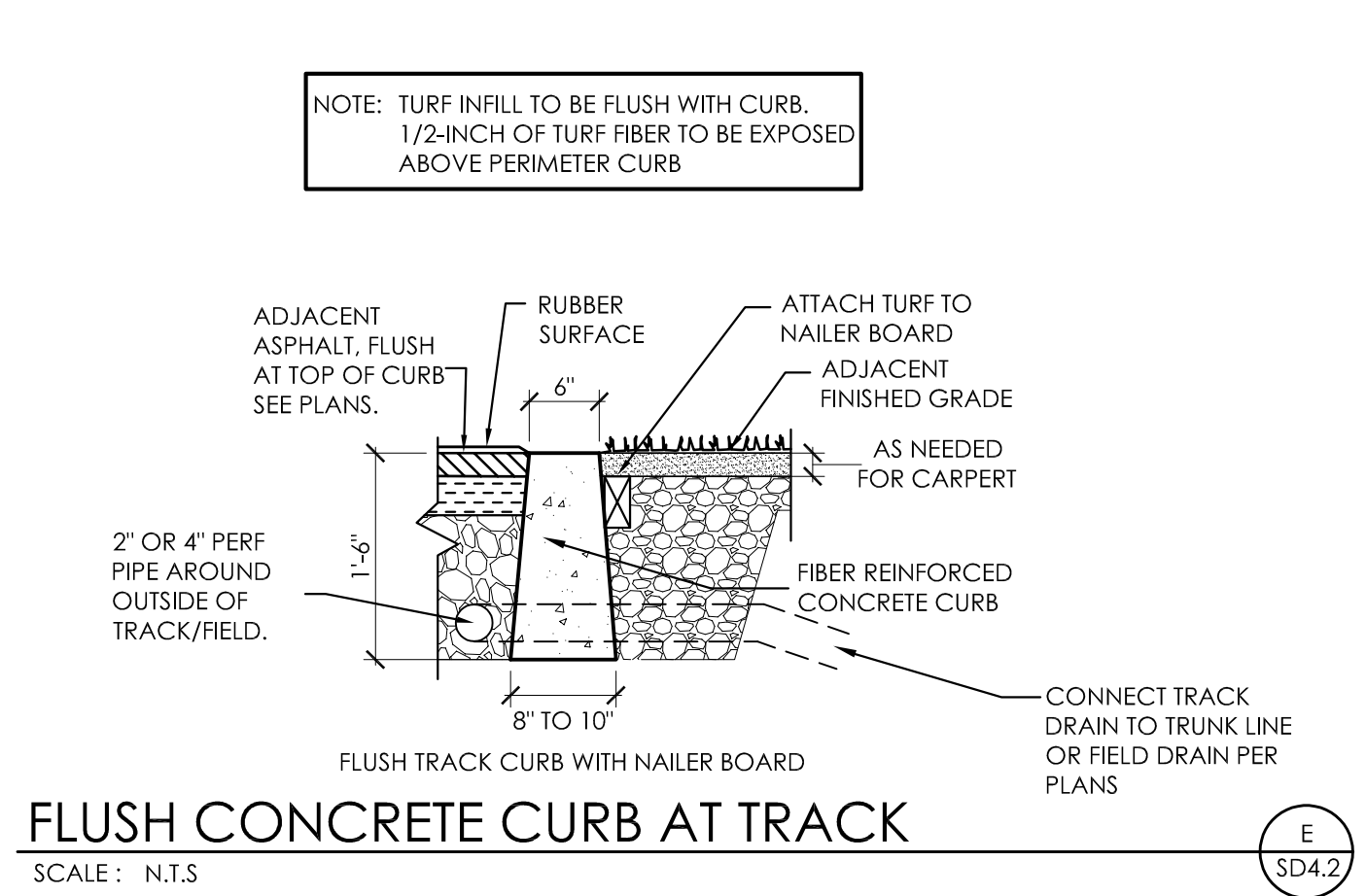
FOOTBALL GOAL POST AND SOCCER GOAL (116833.23)  
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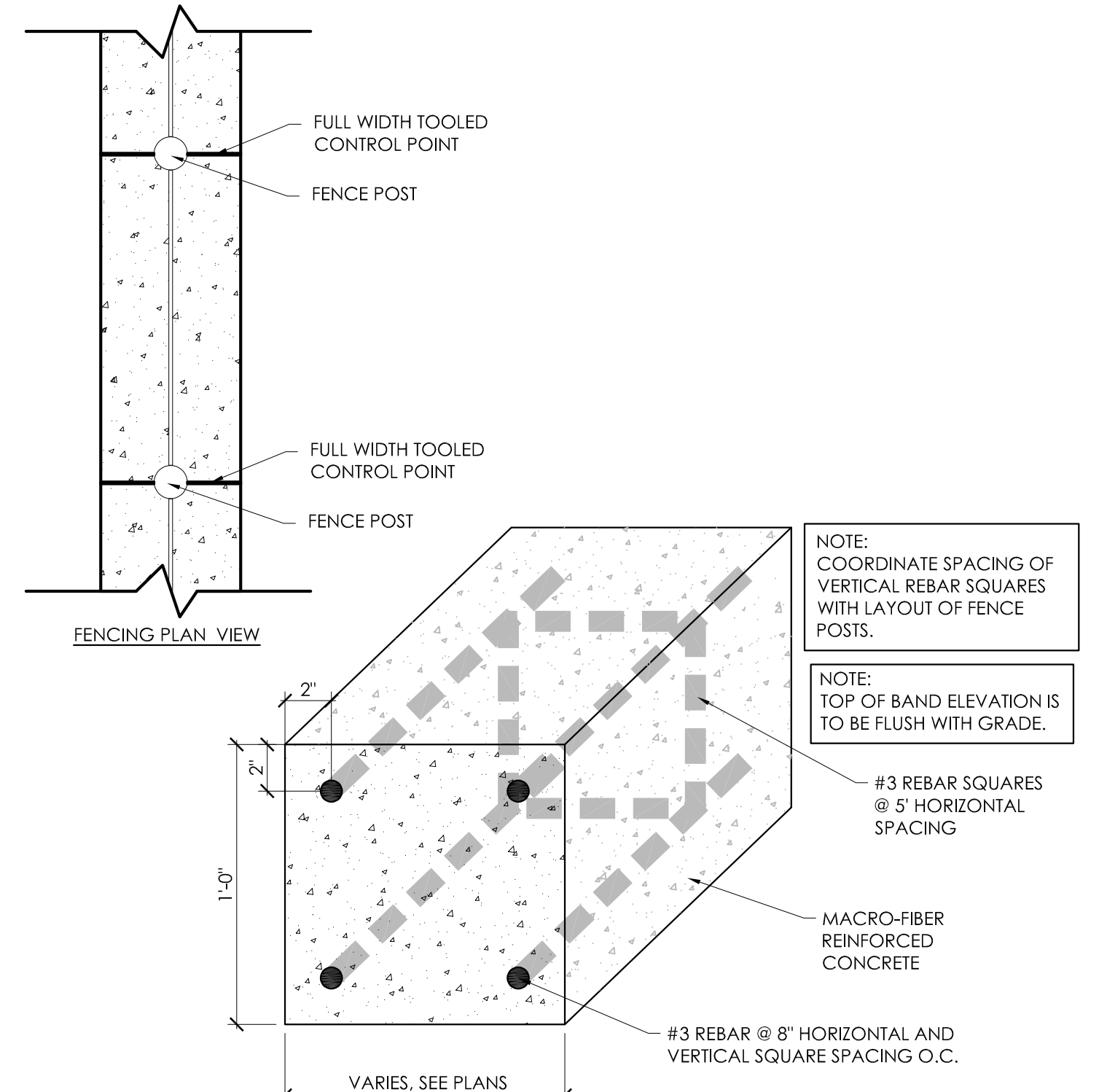
ACCESSIBLE DROPPED CURB DETAIL B  
SCALE: 3/8" = 1'-0"



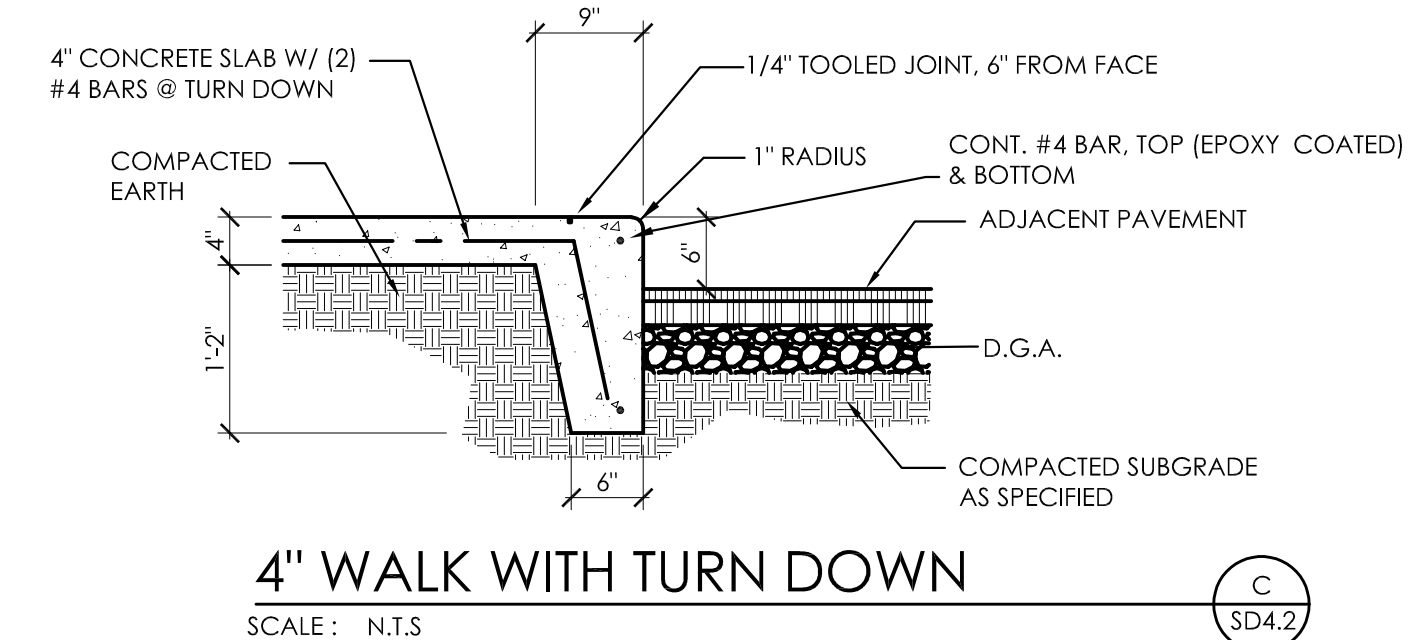
ACCESSIBLE DROPPED CURB - TYPE A  
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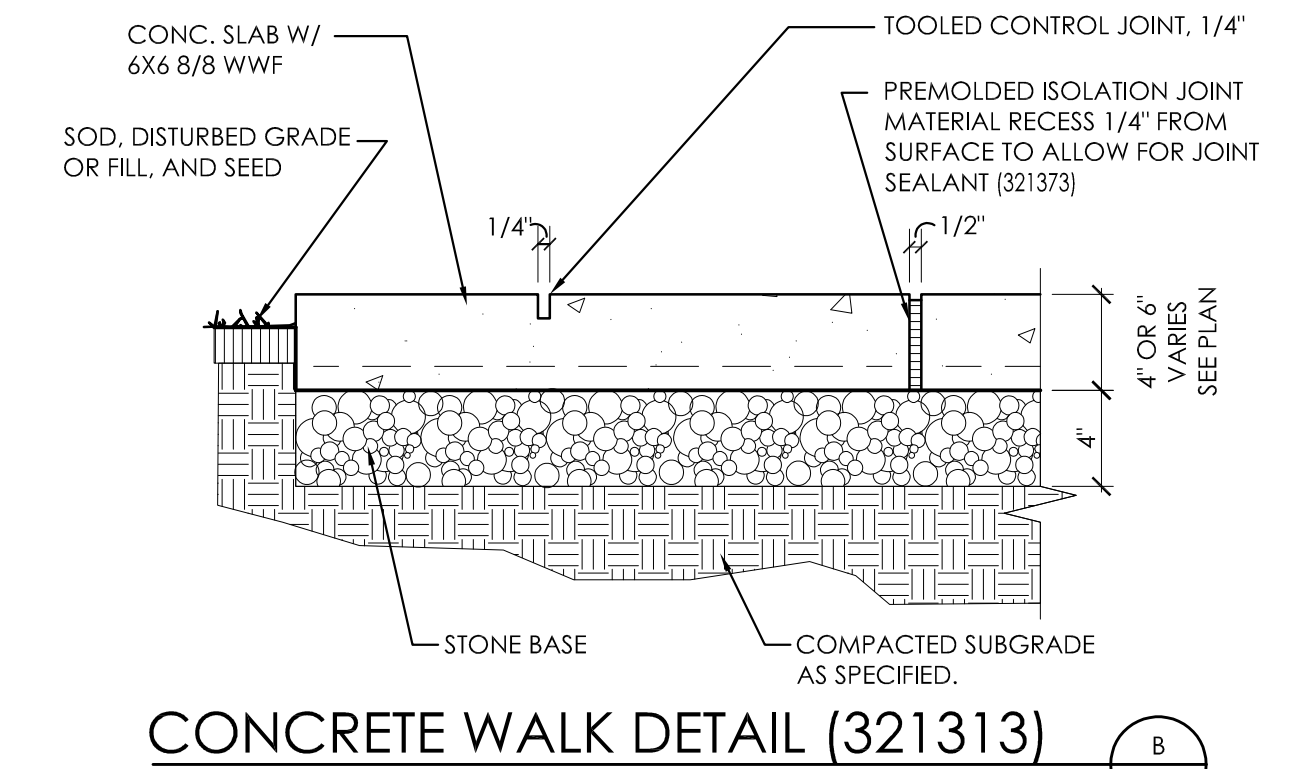
FLUSH CONCRETE CURB AT TRACK  
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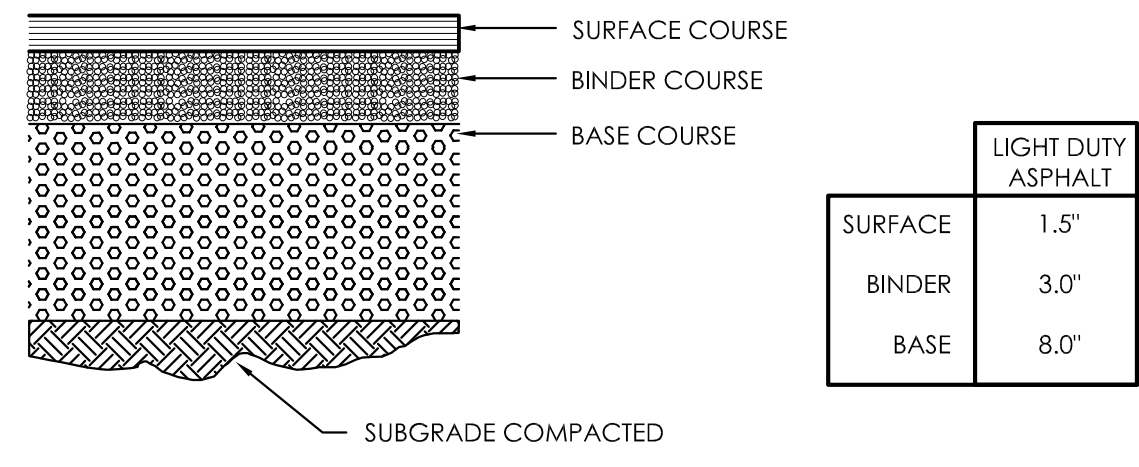
CONCRETE BAND  
SCALE: N.T.S.



4" WALK WITH TURN DOWN  
SCALE: N.T.S.



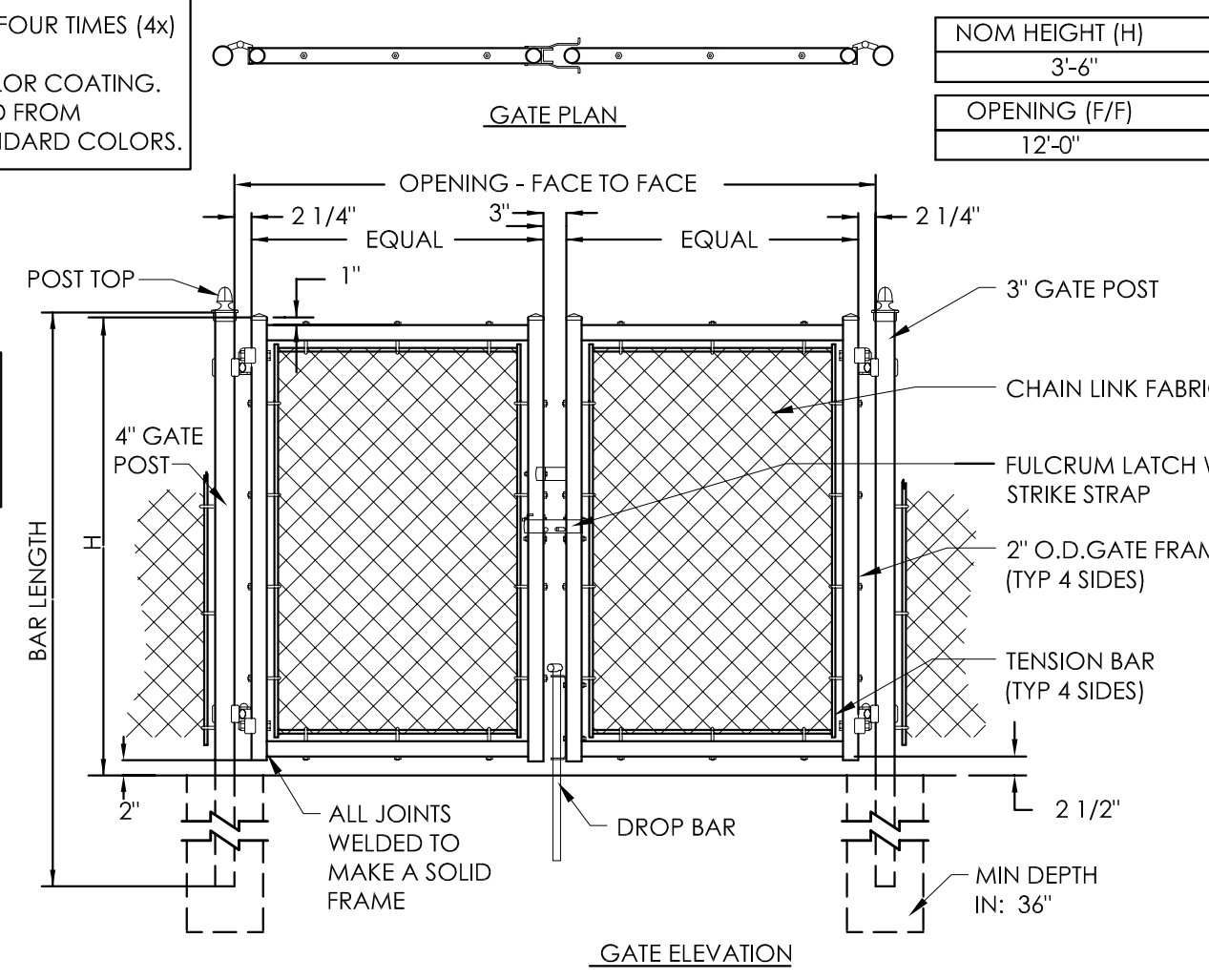
CONCRETE WALK DETAIL (321313)  
SCALE: N.T.S.



ASPHALT PAVEMENT (321216)  
SCALE: N.T.S.

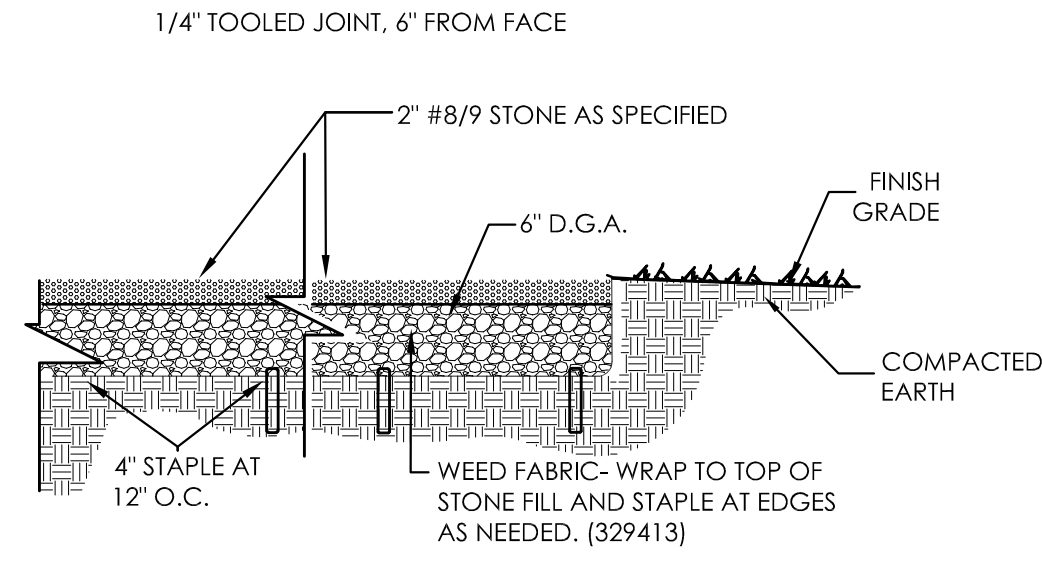
- NOTES:
1. FOOTING WIDTH TO BE FOUR TIMES (4x) THE POST WIDTH.
  2. FINISH TO BE VINYL COLOR COATING. COLOR TO BE SELECTED FROM MANUFACTURER'S STANDARD COLORS.

NOTE: REFER TO SPEC SECTION 323113 FOR CHAIN LINK FENCE AND GATE INFORMATION.



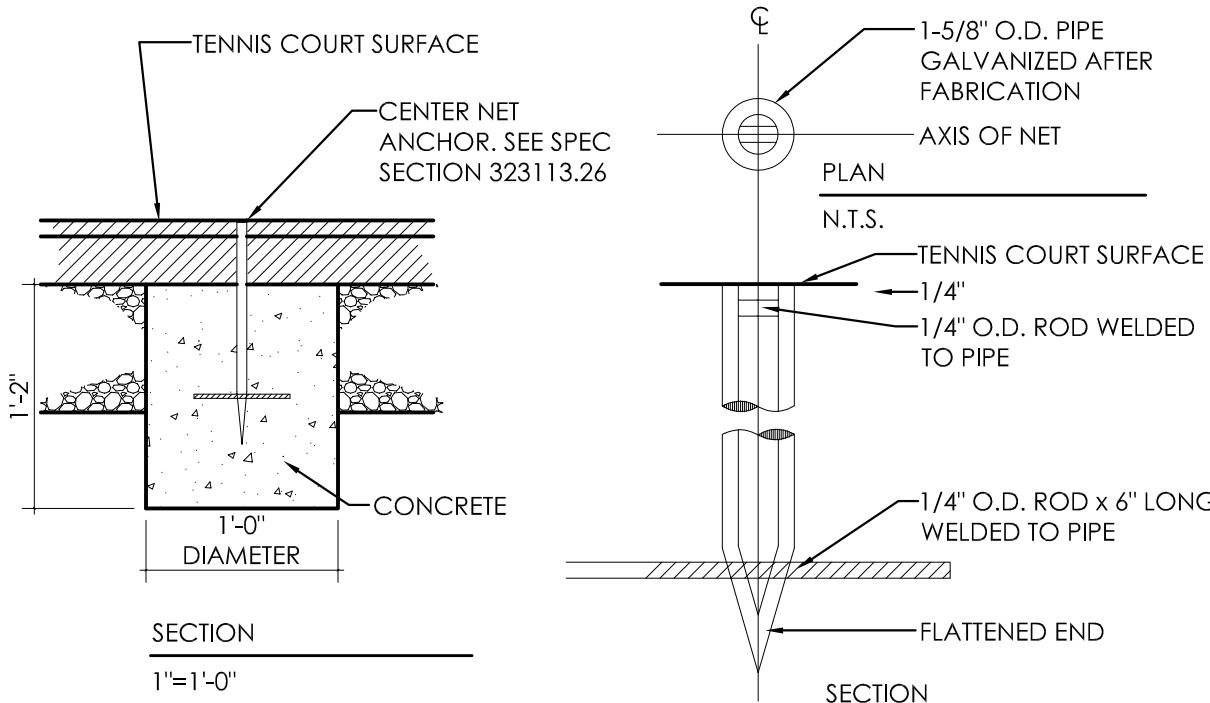
42" HEIGHT CHAIN LINK DOUBLE GATE  
SCALE: N.T.S.

L  
SD4.3



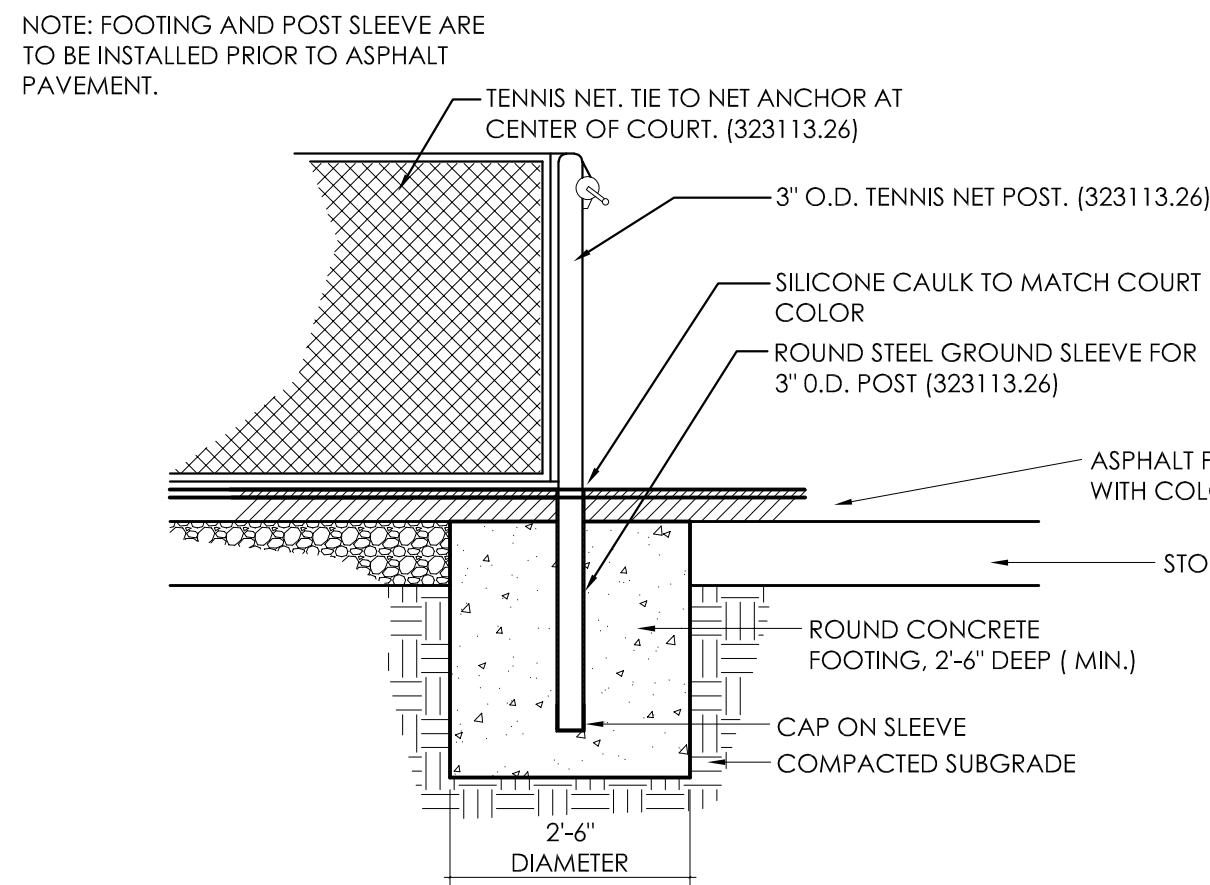
GRAVEL PAVEMENT  
SCALE: N.T.S.

K  
SD4.3



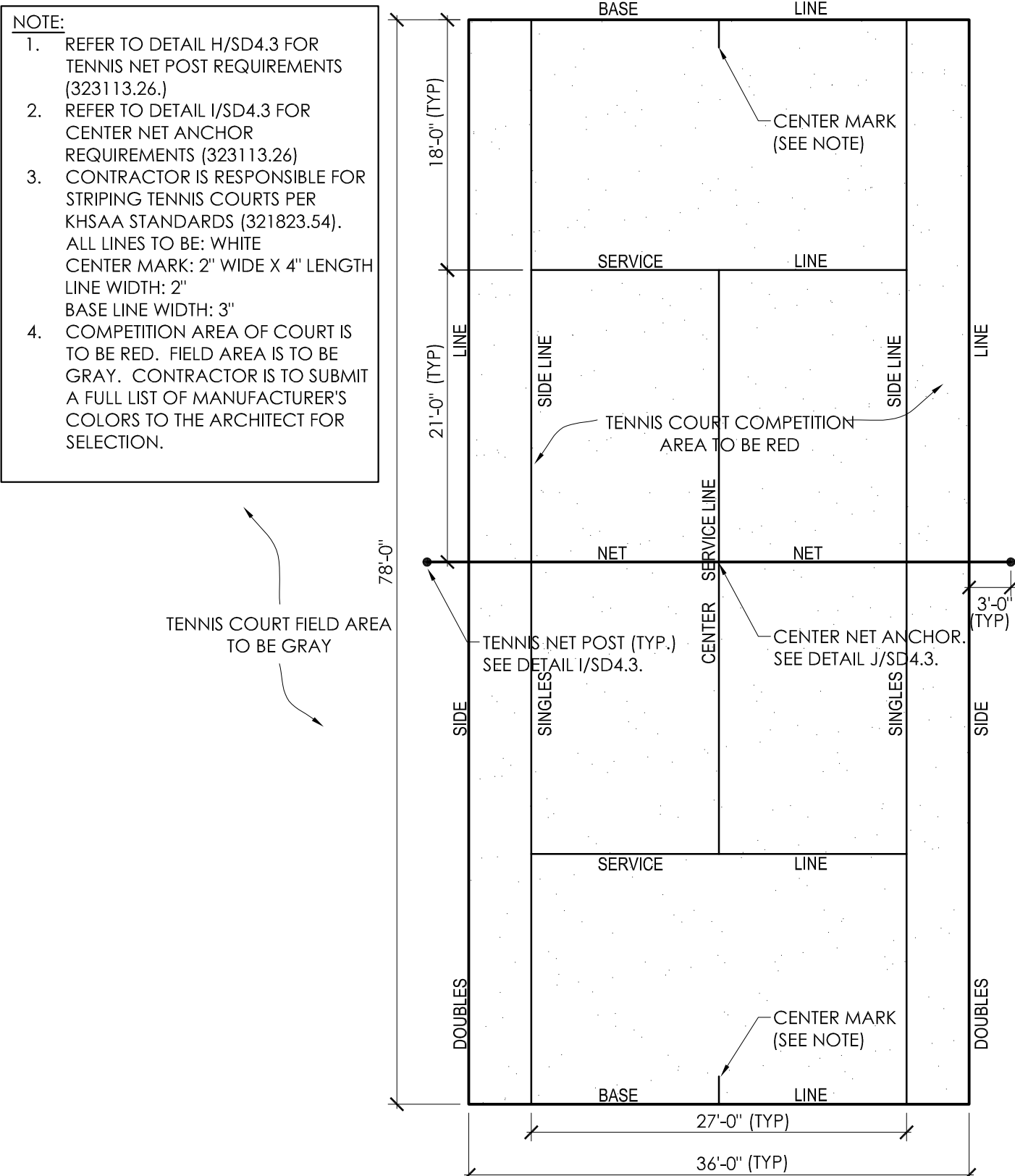
CENTER NET ANCHOR  
SCALE: N.T.S.

J  
SD4.3



TENNIS NET POST  
SCALE: 1/2"=1'-0"

I  
SD4.3



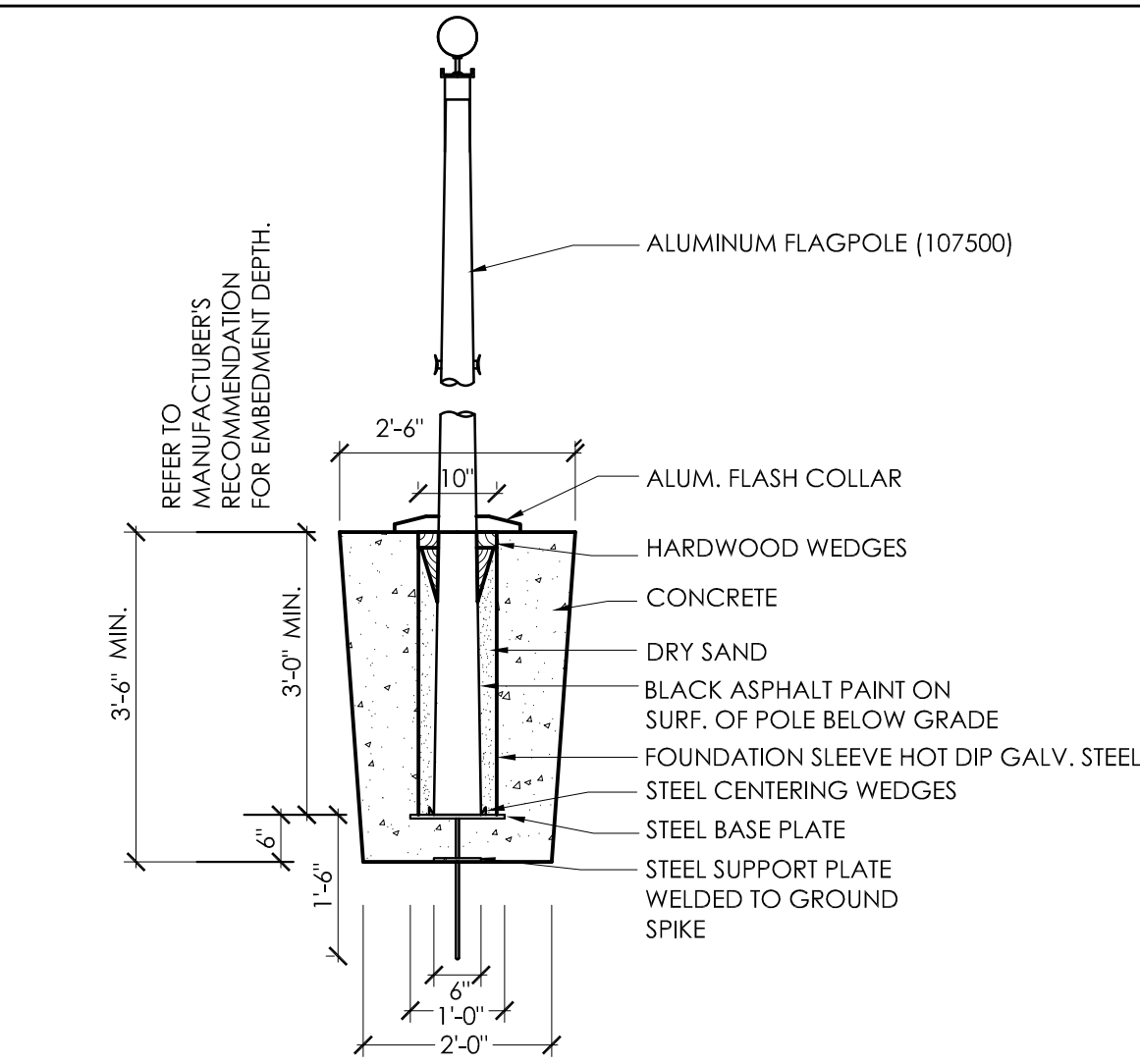
TYPICAL TENNIS COURT LAYOUT PLAN  
SCALE: 3/8"=1'-0"

H  
SD4.3

NOTE:  
BODY OF END ZONE TEXT IS TO BE 'RED' FOR EACH LETTER WITH A 'WHITE' OUTLINE. BACKGROUND END ZONE COLOR TO BE BLUE. FINAL COLORS AND GRAPHIC SELECTION TO BE SUBMITTED FOR APPROVAL BY ARCHITECT. TEXT TO BE 'MERCER' AND 'TITANS' TURF MANUFACTURER TO PROVIDE A MINIMUM OF 7 FONT OPTIONS FOR OWNER SELECTION.

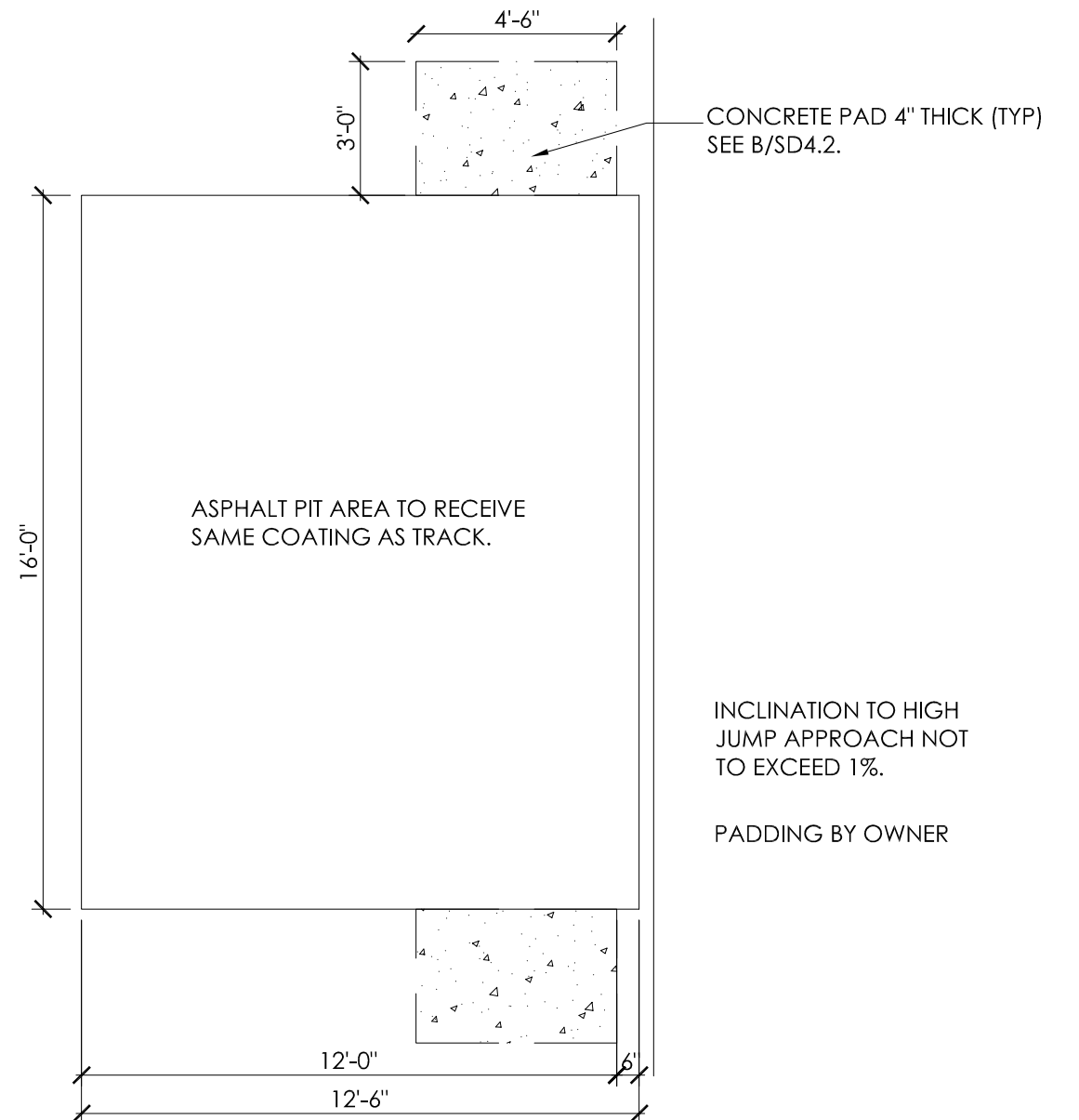
END ZONE LETTERING  
SCALE: 1"=20'-0"

D  
SD4.3



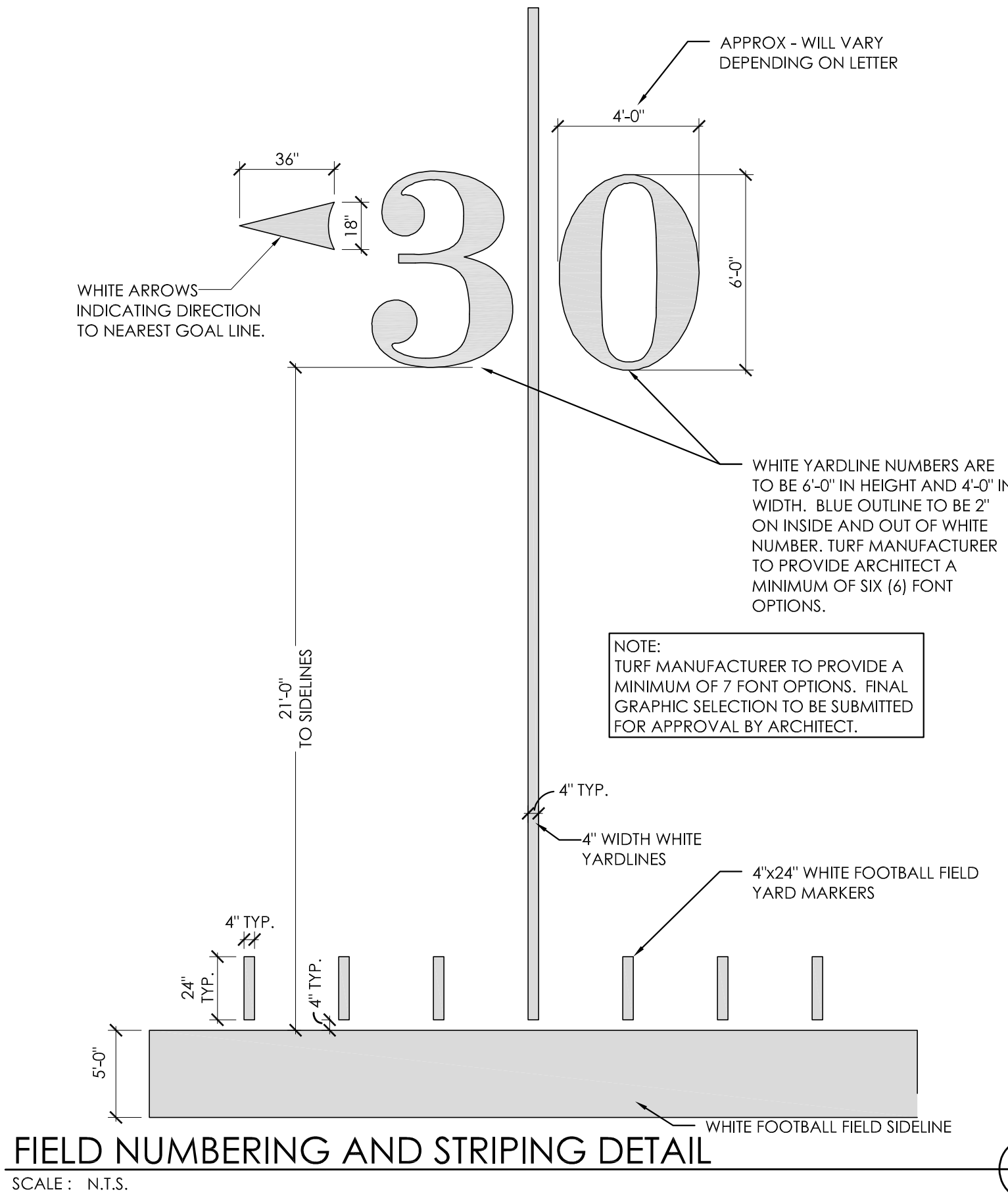
INTERNAL HALYARD FLAGPOLE DETAIL  
SCALE: 1/2" = 1'-0"

G  
SD4.3



HIGH JUMP PIT DETAIL  
SCALE: 1/4" = 1'-0"

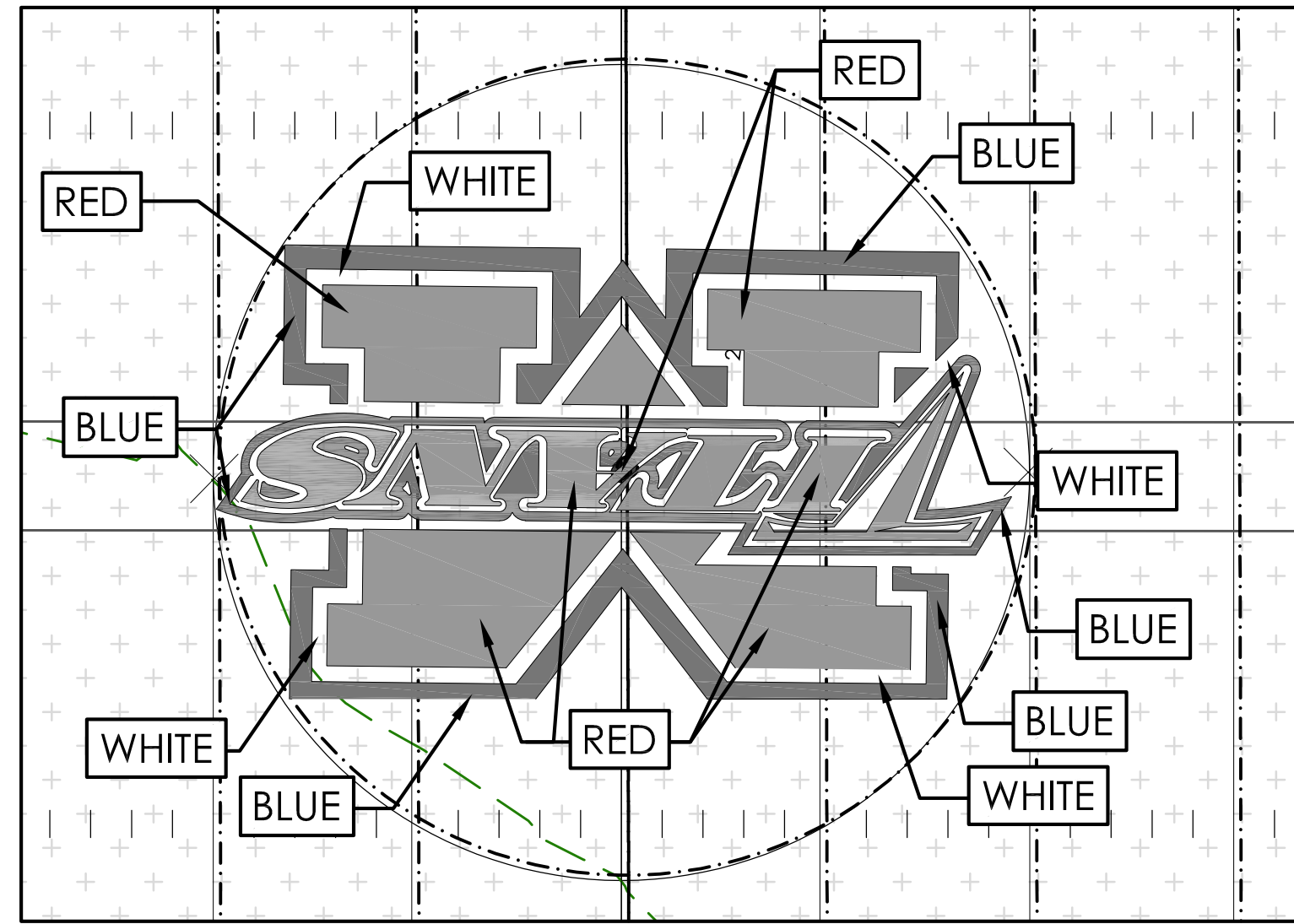
F  
SD4.3



FIELD NUMBERING AND STRIPING DETAIL  
SCALE: N.T.S.

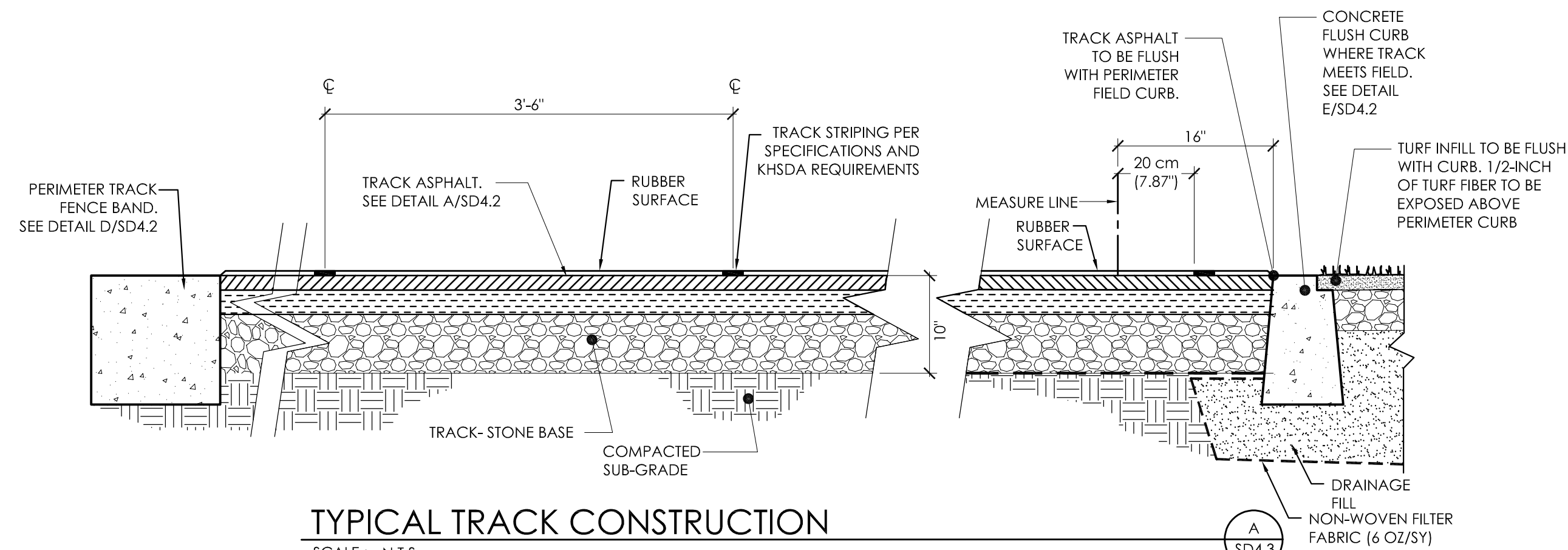
C  
SD4.3

NOTE:  
1. CENTER FIELD SYNTHETIC TURF LOGO COLOR TO BE SCHOOL LOGO AS INDICATED ON DRAWINGS. BODY OF LOGO TO BE RED WITH 8\"/>



CENTER FIELD LOGO  
SCALE: 1/8" = 1"

B  
SD4.3

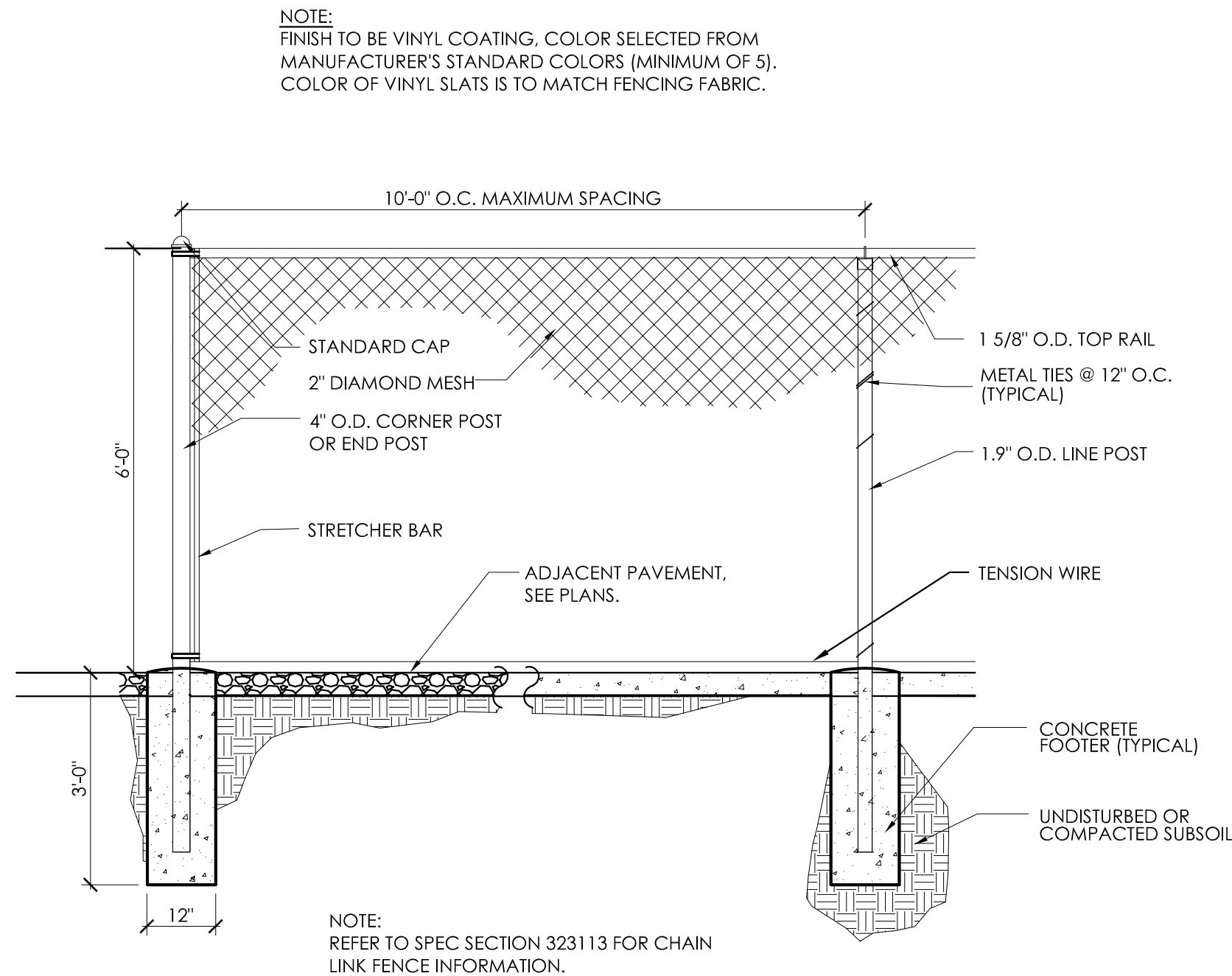


TYPICAL TRACK CONSTRUCTION  
SCALE: N.T.S.

A  
SD4.3



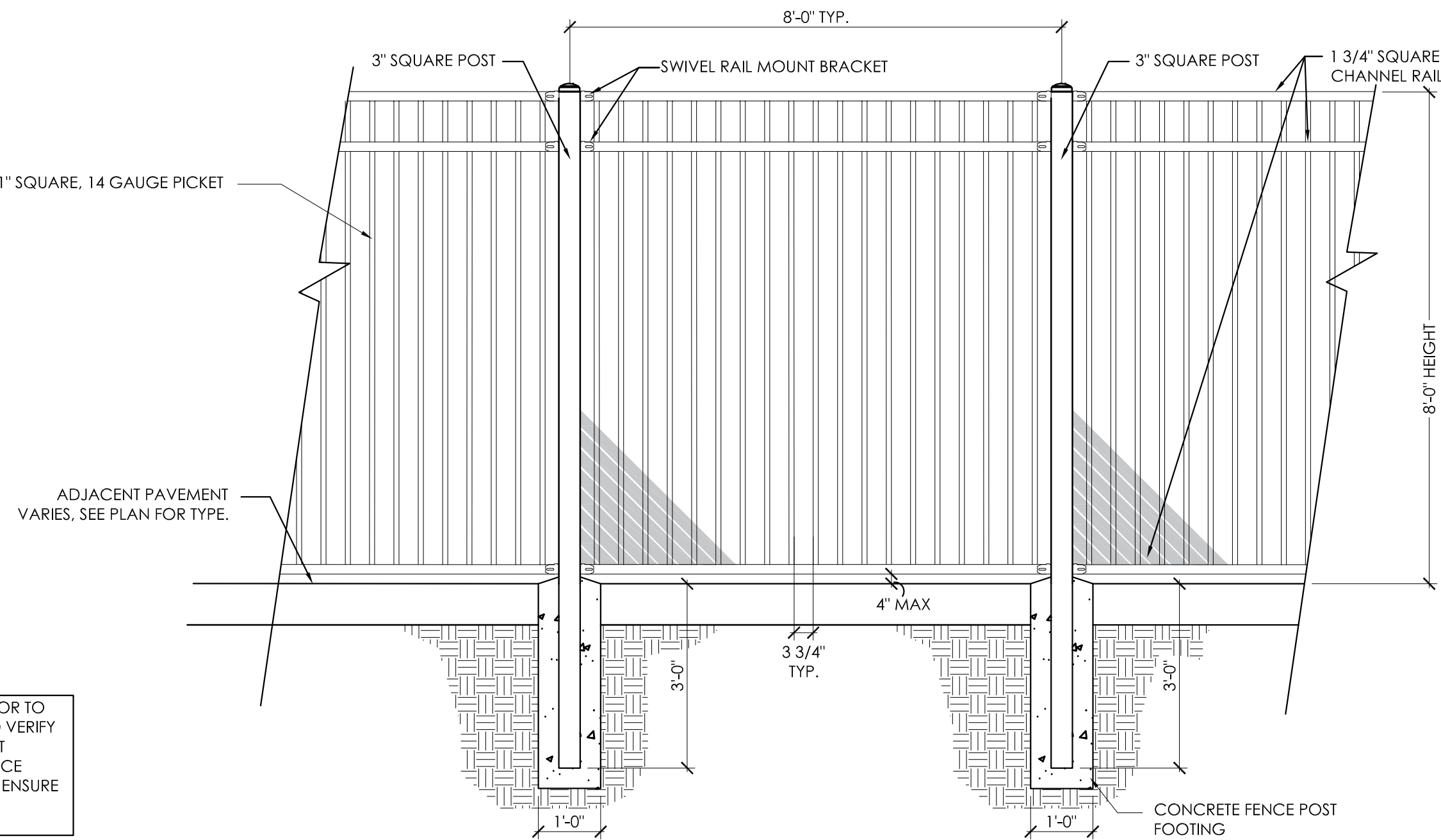
SHEET RELEASE	
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6' HIGH VINYL COATED CHAIN LINK FENCE

SCALE: 1/2"=1'-0"


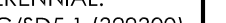
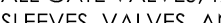
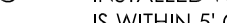
B  
SD4.5

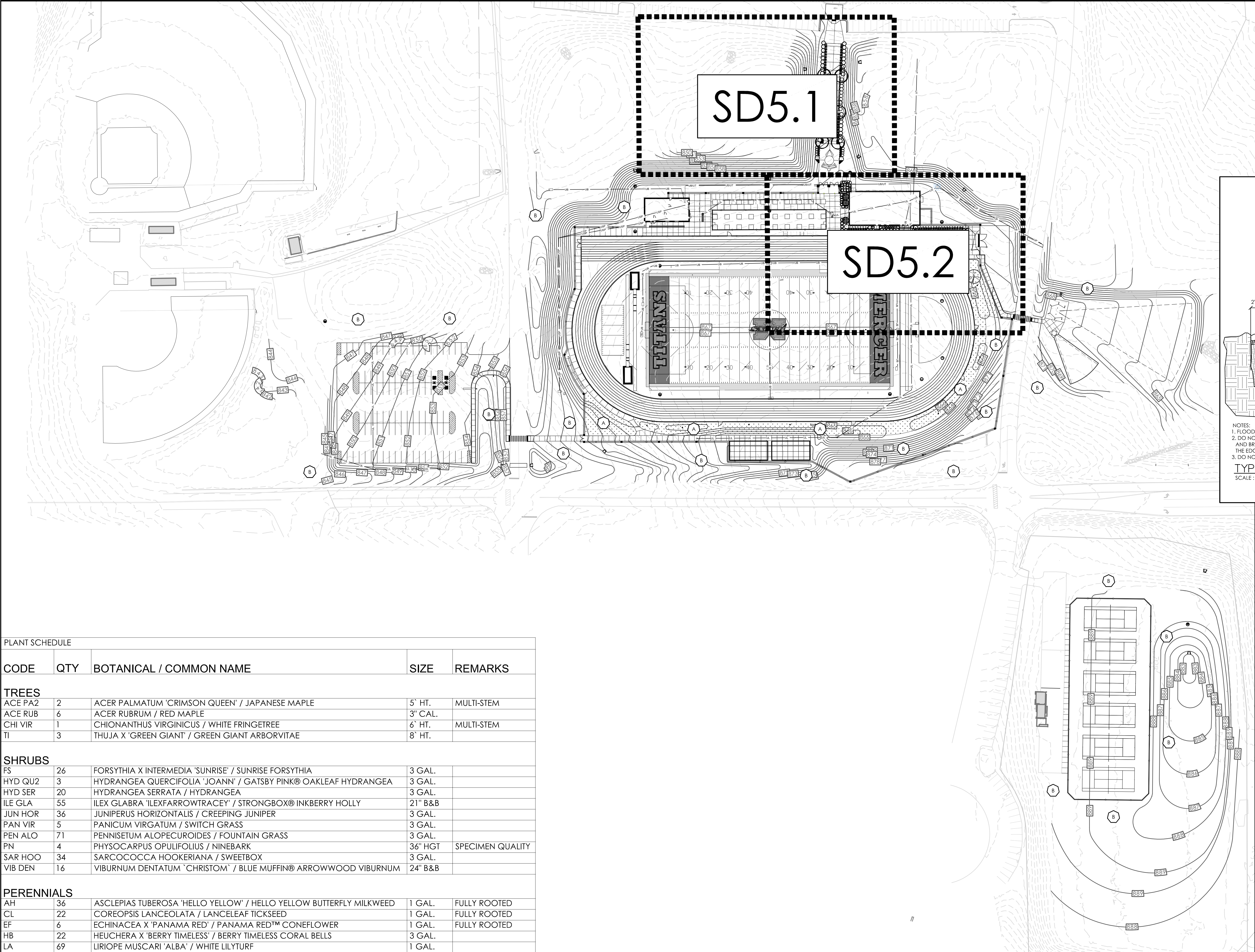


8'-0" ORNAMENTAL FENCE WITH PRIVACY SLATS

SCALE: 1/2"=1'-0"

A  
SD4.5

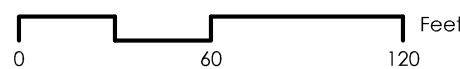
GENERAL SITE NOTES		SITE PLANTING NOTES				LANDSCAPE TAGS		GENERAL SITE WATER NOTES									
1. THE SITE PLANS WERE PREPARED BASED UPON TOPOGRAPHIC SURVEYS BY THOROUGHbred ENGINEERING, 239 N BROADWAY, LEXINGTON, KY, 40507. REFER TO SITE SURVEY SHEETS.		1. THE CONTRACTOR SHALL LOCATE AND VERIFY THE EXISTENCE OF ALL UTILITIES PRIOR TO STARTING WORK. ANY CONFLICTS IN LOCATION OF PLANT MATERIAL SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT IMMEDIATELY.		5. NO PLANT SHALL BE PUT INTO THE GROUND BEFORE ROUGH GRADING HAS BEEN FINISHED AND APPROVED BY THE LANDSCAPE ARCHITECT.		10. ALL OPEN LANDSCAPE AREAS SHALL BE SOD OR GROUND COVER.		A SOD ENTIRE AREA BETWEEN PAVEMENTS AND/OR BUILDING (329223)		1. MINIMUM DEPTH OF COVER OVER WATER MAIN SHALL BE 36" AND MAXIMUM DEPTH SHALL BE 60".		4. A MINIMUM SEPARATION OF 18" AT ANY LOCATION WHERE A WATER LINE CROSSES A STORM LINE.		WRAPPED WITH HEAVY PLASTIC (MIN. 4 MILS) BEFORE PLACEMENT OF CONCRETE.		TEES, PLUGS, AND OTHER LOCATIONS REQUIRED.	
2. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SITE FEATURES AND CONDITIONS. REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO THE START OF CONSTRUCTION.		2. THE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING SHOWN ON ALL DRAWINGS.		6. ALL PLANT MATERIALS SHALL CONFORM TO THE STANDARDS OF THE AMERICAN ASSOCIATION OF NURSERYMEN AND SHALL HAVE PASSED ANY INSPECTIONS REQUIRED UNDER STATE REGULATIONS. ALL PLANTS SHALL BE BALLED AND BURLAP WRAPPED UNLESS OTHERWISE NOTED IN THE PLANTING SCHEDULE. ANY SYNTHETIC WRAPPING AND ALL CONTAINERS SHALL BE REMOVED PRIOR TO PLANTING.		11. ALL PLANTING BEDS SHALL BE MULCHED WITH MATERIALS AS SPECIFIED ON THE PLANTING PLAN, WITH A SAUCER SURROUNDING EACH PLANT. HARDWOOD MULCH SHALL BE EVENLY SPREAD, 3" DEEP.		B SEED AND MULCH/HYDROSEED PER SPECIFICATIONS. PROVIDE EROSION CONTROL NETTING PER SPECIFICATIONS.		2. PIPE MATERIALS FOR CONTRACTOR INSTALLED WATER LINES ARE CLASS C900 PVC PIPE FOR FIRE AND SCH80 PVC FOR DOMESTIC LINES UNLESS OTHERWISE NOTED.		5. A MINIMUM SEPARATION OF 18" AT ANY LOCATION WHERE A WATER LINE CROSSES A STORM LINE. IF CONSTRUCTION LINES CANNOT BE FEASIBLY OBTAINED, THE WATER LINE SHALL BE INSTALLED WHERE NO JOINT IS WITHIN 5' OF THE SANITARY SEWER LINE AND A SEPARATION OF 6' MAINTAINED.		7. WATER LINES SHALL BE PRESSURE TEST AND DISINFECTED ACCORDING TO AWWA STANDARD C651. PER LOCAL WATER UTILITY AND KENTUCKY DIVISION OF WATER STANDARDS.		10. ALL PIPE AND FITTINGS SHALL BE HANDLED PER MANUFACTURER'S RECOMMENDATIONS.	
3. THE ARCHITECT AND ARCHITECTS 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.		3. SCHEDULE A REVIEW OF THE PLANTS TO BE INSTALLED WITH THE LANDSCAPE ARCHITECT. PROVIDE AT LEAST 7 DAYS ADVANCE NOTICE OF MEETING. VIEWING CAN EITHER BE CONDUCTED AT THE STORAGE NURSERY ONCE ALL THE PLANTS ARE PURCHASED, OR ON-SITE PRIOR TO ANY PLANTS BEING PLACED IN THE GROUND. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REJECT ANY PLANTS THAT HAVE NOT BEEN VIEWED PRIOR TO BEING PLACED IN THE GROUND.		7. ALL SHRUBS AND HEDGES SHALL BE AT LEAST 2 FEET IN HEIGHT WITH ATLEAST 3 CANES OR LARGER. ALL SINGLE STEM TREES SHALL HAVE A MINIMUM 1.75" CALIPER, UNLESS OTHERWISE NOTED. PLANTS SHOULD MEET THESE CONDITIONS IN ACCORDANCE WITH THE STANDARDS OF THE AMERICAN ASSOCIATION OF NURSERYMEN, AND THE SPECIFICATIONS NOTED ON THE PLANTING SCHEDULE.		12. A PRE-EMERGENT HERBICIDE SHALL BE APPLIED TO ALL PLANTING BEDS. FERTILIZER SHALL BE APPLIED IN ACCORDANCE WITH THE SOIL TEST RECOMMENDATIONS.		13. ALL LANDSCAPING MATERIALS SHALL BE INSTALLED IN A SOUND, WORKMAN-LIKE MANNER, AND ACCORDING TO BEST PRACTICE CONSTRUCTION AND PLANTING PROCEDURES. ANY LANDSCAPE MATERIAL THAT IS DEEMED UNACCEPTABLE OR INSTALLED IN A MANNER THAT RENDERS THEM UNACCEPTABLE AS DETERMINED BY THE LANDSCAPE ARCHITECT, SHALL BE REMOVED AND REPLACED WITH ACCEPTABLE MATERIALS. ALL CHANGES AND SUBSTITUTIONS OF PLANT AND LANDSCAPE MATERIALS MUST BE APPROVED BY THE LANDSCAPE ARCHITECT, OR EQUAL.		3. ALL GATE VALVES, TAPPING SLEEVES, VALVES, AND OTHER FITTINGS SHALL COMPLY WITH LOCAL WATER PROVIDER AND AWWA STANDARDS C-500 TO C-504.		8. WATER LINES SHALL BE PLUGGED DURING ANY TIME WHEN THE PIPE IS IN THE TRENCH AND LEFT UNATTENDED.		11. ALL FIRE PROTECTION LINES AND FIRE HYDRANTS SHALL CONFORM TO THE MINIMUM FIRE PROTECTION REQUIREMENTS OF THE INSURANCES OF KENTUCKY.		12. ALL UNDERGROUND VALVES AND FITTINGS SHALL BE BRASS AND CONFORM TO THE LATEST EDITION OF ANSI/AWWA SPECIFICATION C800.	
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.		4. PRESERVATION AND REMOVAL OF EXISTING TREES: A) EXISTING TREES DESIGNATED TO BE PRESERVED SHALL BE PROTECTED AS PER DETAILS AND THE CONTRACT SPECIFICATIONS. ALL PROTECTIVE MEASURES SHALL BE CARRIED AS PER THE SPECIFICATIONS AND DRAWINGS. B) ALL EXISTING TREES DESIGNATED FOR REMOVAL SHALL BE REMOVED AS PER THE CONTRACT SPECIFICATIONS AND ONLY BY PERMISSION OF THE LANDSCAPE ARCHITECT.		8. ANY STAKING, WIRING, AND/OR WRAPPING SHALL BE DONE ONLY WHERE SLOPES ARE GREATER THAN 20% OR WHERE OTHER STABILITY PROBLEMS EXIST.		9. ALL SHRUBS AND GROUND COVER PLANTS SHALL BE PLANTED AT THE ON CENTER DISTANCES NOTED ON THE PLANTING SCHEDULE.		LEGEND  MULCHED AREA  SODDED AREA (329223)  NEW SHRUB/PERENNIAL. SEE DETAIL B&C/SD5.1 (329300)  NEW TREE. SEE DETAIL A/SD5.1 (329300)		6. ALL FITTINGS TO BE THRUST BLOCKED SHALL BE		9. THRUST BLOCKS SHALL BE INSTALLED AT ALL BENDS.					
5. SEE EROSION POLLUTION AND SEDIMENT CONTROL PLAN ON SD0.0 FOR RECOMMENDED BEST MANAGEMENT PRACTICES INFORMATION AND SEDIMENT CONTROLS.																	
6. REFER TO CONSTRUCTION MANAGER'S PLANS AND SPECIFICATIONS FOR INFORMATION REGARDING CONSTRUCTION SCHEDULE/SEQUENCING, CONSTRUCTION FENCING/STAGING.																	



PLANT SCHEDULE				
CODE	QTY	BOTANICAL / COMMON NAME	SIZE	REMARKS
<b>TREES</b>				
ACE PA2	2	ACER PALMATUM 'CRIMSON QUEEN' / JAPANESE MAPLE	5' HT.	MULTI-STEM
ACE RUB	6	ACER RUBRUM / RED MAPLE	3" CAL.	
CHI VIR	1	CHIONANTHUS VIRGINICUS / WHITE FRINGETREE	6' HT.	MULTI-STEM
TI	3	THUJA X 'GREEN GIANT' / GREEN GIANT ARBORVITAE	8' HT.	
<b>SHRUBS</b>				
FS	26	FORSYTHIA X INTERMEDIA 'SUNRISE' / SUNRISE FORSYTHIA	3 GAL.	
HYD QU2	3	HYDRANGAEA QUERCIFOLIA 'JOANN' / GATSBY PINK® OAKLEAF HYDRANGAEA	3 GAL.	
HYD SER	20	HYDRANGAEA SERRATA / HYDRANGAEA	3 GAL.	
ILE GLA	55	ILEX GLABRA 'ILEXFARROWTRACEY' / STRONGBOX® INKBERRY HOLLY	21" B&B	
JUN HOR	36	JUNIPERUS HORIZONTALIS / CREEPING JUNIPER	3 GAL.	
PAN VIR	5	PANICUM VIRGATUM / SWITCH GRASS	3 GAL.	
PEN ALO	71	PENNISETUM ALOPECUROIDES / FOUNTAIN GRASS	3 GAL.	
PN	4	PHYSOCARPUS OPULIFOLIUS / NINEBARK	36" HGT	SPECIMEN QUALITY
SAR HOO	34	SARCOCOCCA HOOKERIANA / SWEETBOX	3 GAL.	
VIB DEN	16	VIBURNUM DENTATUM 'CHRISTOM' / BLUE MUFFIN® ARROWWOOD VIBURNUM	24" B&B	
<b>PERENNIALS</b>				
AH	36	ASCLEPIAS TUBEROSA 'HELLO YELLOW' / HELLO YELLOW BUTTERFLY MILKWEED	1 GAL.	FULLY ROOTED
CL	22	COREOPSIS LANCEOLATA / LANCELEAF TICKSEED	1 GAL.	FULLY ROOTED
EF	6	ECHINACEA X 'PANAMA RED' / PANAMA RED™ CONEFLOWER	1 GAL.	FULLY ROOTED
HB	22	HEUCHERA X 'BERRY TIMELESS' / BERRY TIMELESS CORAL BELLS	3 GAL.	
LA	69	LIRIOPE MUSCARI 'ALBA' / WHITE LILYTURF	1 GAL.	

OVERALL SITE PLANTING PLAN

SCALE : 1"=60'



SD5.0

OVERALL SITE PLANTING PLAN  
MERCER COUNTY ATHLETICS - PHASE 2  
FOR:  
MERCER COUNTY BOARD OF EDUCATION  
HARRODSBURG, KY

BG

Project No: 25012  
Drawn By: MJ  
Rev'd By: LMR/MBM/DS

SHEET RELEASE

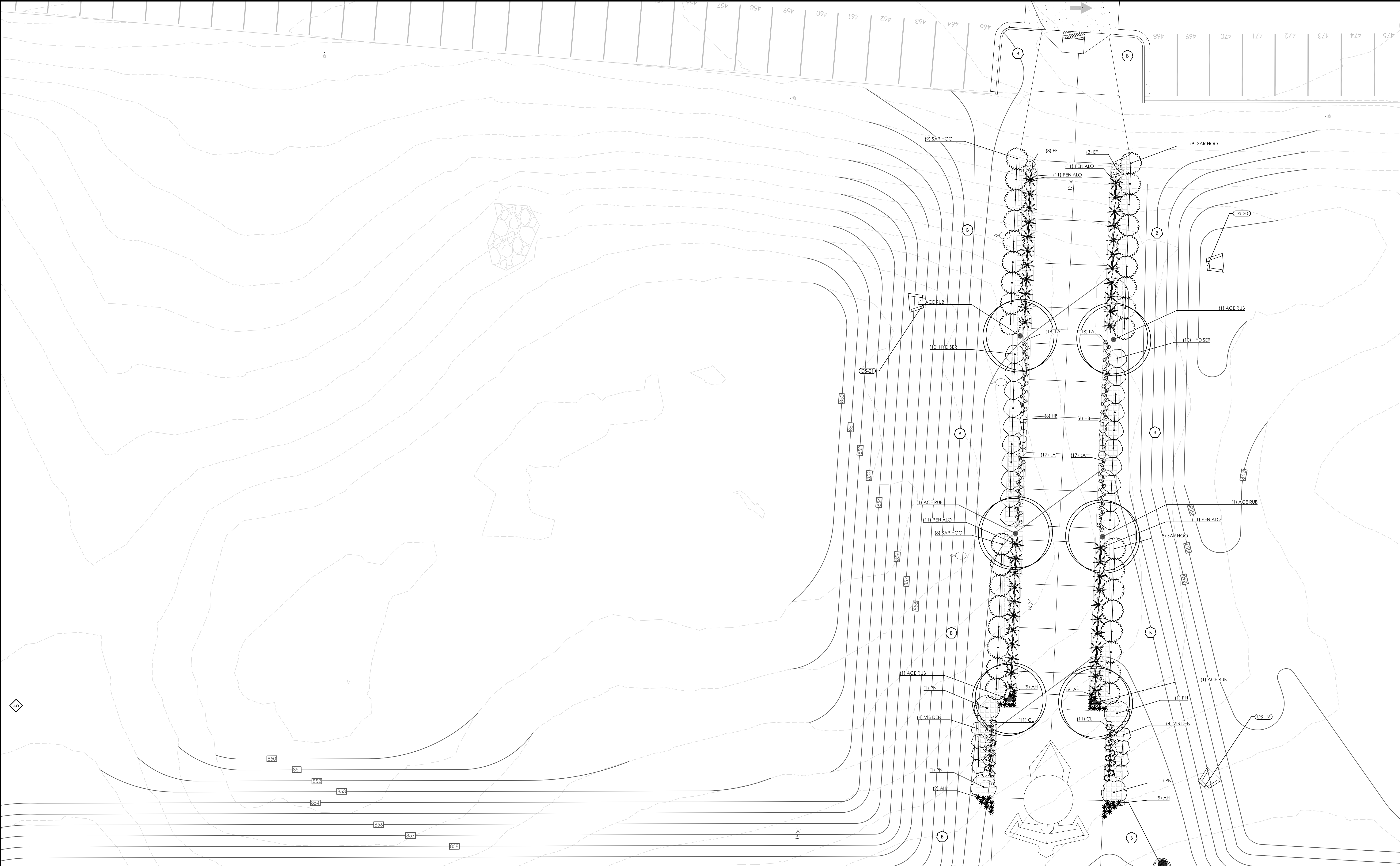
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CONSTRUCTION DOCUMENTS

SD5.0  
OVERALL SITE PLANTING PLAN

DATE ISSUED:  
NOVEMBER 3, 2025

GENERAL SITE NOTES	SITE PLANTING NOTES			LANDSCAPE TAGS	GENERAL SITE WATER NOTES
1. THE SITE PLANS WERE PREPARED BASED UPON TOPOGRAPHIC SURVEYS BY THOROUGHRED ENGINEERING, 239 N BROADWAY, LEWINGTON, KY, 40357. 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 SD0.0 FOR RECOMMENDED BEST MANAGEMENT PRACTICES INFORMATION AND SEDIMENT CONTROLS. 6. REFER TO CONSTRUCTION MANAGER'S PLANS AND SPECIFICATIONS FOR INFORMATION REGARDING CONSTRUCTION SCHEDULE/SEQUENCING, CONSTRUCTION FENCING/STAGING.	1. THE CONTRACTOR SHALL LOCATE AND VERIFY THE EXISTENCE OF ALL UTILITIES PRIOR TO STARTING WORK. ANY CONFLICTS IN LOCATION OF PLANT MATERIAL SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT IMMEDIATELY. 2. THE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING SHOWN ON ALL DRAWINGS. 3. SCHEDULE A REVIEW OF THE PLANTS TO BE INSTALLED WITH THE LANDSCAPE ARCHITECT. PROVIDE AT LEAST 7 DAYS ADVANCE NOTICE OF MEETING. VIEWING CAN EITHER BE CONDUCTED AT THE STORAGE NURSERY ONCE ALL THE PLANTS ARE PURCHASED, OR ON-SITE PRIOR TO ANY PLANTS BEING PLACED IN THE GROUND. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REJECT ANY PLANTS THAT HAVE NOT BEEN VIEWED PRIOR TO BEING PLACED IN THE GROUND. 4. PRESERVATION AND REMOVAL OF EXISTING TREES: A) EXISTING TREES DESIGNATED TO BE PRESERVED SHALL BE PROTECTED AS PER DETAILS AND THE CONTRACT SPECIFICATIONS. ALL PROTECTIVE MEASURES SHALL BE CARRIED AS PER THE SPECIFICATIONS AND DRAWINGS. B) ALL EXISTING TREES DESIGNATED FOR REMOVAL SHALL BE REMOVED AS PER THE CONTRACT SPECIFICATIONS AND ONLY BY PERMISSION OF THE LANDSCAPE ARCHITECT.	5. NO PLANT SHALL BE PUT INTO THE GROUND BEFORE ROUGH GRADING HAS BEEN FINISHED AND APPROVED BY THE LANDSCAPE ARCHITECT. 6. ALL PLANT MATERIALS SHALL CONFORM TO THE STANDARDS OF THE AMERICAN ASSOCIATION OF NURSERYMEN AND SHALL HAVE PASSED ANY INSPECTIONS REQUIRED UNDER STATE REGULATIONS. ALL PLANTS SHALL BE BALLED AND BURLAP WRAPPED UNLESS OTHERWISE NOTED IN THE PLANTING SCHEDULE. ANY SYNTHETIC WRAPPING AND ALL CONTAINERS SHALL BE REMOVED PRIOR TO PLANTING. 7. ALL SHRUBS AND HEDGES SHALL BE AT LEAST 2 FEET IN HEIGHT WITH ATLEAST 3 CANES OR LARGER. ALL SINGLE STEM TREES SHALL HAVE A MINIMUM 1.75" CALIPER, UNLESS OTHERWISE NOTED. PLANTS SHOULD MEET THESE CONDITIONS IN ACCORDANCE WITH THE STANDARDS OF THE AMERICAN ASSOCIATION OF NURSERYMEN, AND THE SPECIFICATIONS NOTED ON THE PLANTING SCHEDULE. 8. ANY STAKING, WIRING, AND/OR WRAPPING SHALL BE DONE ONLY WHERE SLOPES ARE GREATER THAN 20%, OR WHERE OTHER STABILITY PROBLEMS EXIST. 9. ALL SHRUBS AND GROUND COVER PLANTS SHALL BE PLANTED AT THE ON CENTER DISTANCES NOTED ON THE PLANTING SCHEDULE.	10. ALL OPEN LANDSCAPE AREAS SHALL BE SOD OR GROUND COVER. 11. ALL PLANTING BEDS SHALL BE MULCHED WITH MATERIALS AS SPECIFIED ON THE PLANTING PLAN, WITH A SAUCER SURROUNDING EACH PLANT. HARDWOOD MULCH SHALL BE EVENLY SPREAD, 3" DEEP. 12. A PRE-EMERGENT HERBICIDE SHALL BE APPLIED TO ALL PLANTING BEDS. FERTILIZER SHALL BE APPLIED IN ACCORDANCE WITH THE SOIL TEST RECOMMENDATIONS. 13. ALL LANDSCAPING MATERIALS SHALL BE INSTALLED IN A SOUND, WORKMAN-LIKE MANNER, AND ACCORDING TO BEST PRACTICE CONSTRUCTION AND PLANTING PROCEDURES. ANY LANDSCAPE MATERIAL THAT IS DEEMED UNACCEPTABLE OR INSTALLED IN A MANNER THAT RENDERS THEM UNACCEPTABLE AS DETERMINED BY THE LANDSCAPE ARCHITECT, SHALL BE REMOVED AND REPLACED WITH ACCEPTABLE MATERIALS. ALL CHANGES AND SUBSTITUTIONS OF PLANT AND LANDSCAPE MATERIALS MUST BE APPROVED BY THE LANDSCAPE ARCHITECT, OR EQUAL.	<div><div>A</div>SOD ENTIRE AREA BETWEEN PAVEMENTS AND/OR BUILDING (329223)</div> <div><div>B</div>SEED AND MULCH/HYDROSEED PER SPECIFICATIONS. PROVIDE EROSION CONTROL NETTING PER SPECIFICATIONS.</div> <div>LEGEND</div> <div><div><div><div></div></div>MULCHED AREA</div><div><div><div></div></div>SODDED AREA (329223)</div><div><div><div></div></div>NEW SHRUB/PERENNIAL, SEE DETAIL B&amp;C/SD5.1 (329300)</div><div><div><div></div></div>NEW TREE, SEE DETAIL A/SD5.1 (329300)</div></div>	1. MINIMUM DEPTH OF COVER OVER WATER MAIN SHALL BE 36" AND MAXIMUM DEPTH SHALL BE 60". 2. PIPE MATERIALS FOR CONTRACTOR INSTALLED WATER LINES ARE CLASS C900 PVC PIPE FOR FIRE AND SCH80 PVC FOR DOMESTIC LINES UNLESS OTHERWISE NOTED. 3. ALL GATE VALVES, TAPPING SLEEVES, VALVES, AND OTHER FITTINGS SHALL COMPLY WITH LOCAL WATER PROVIDER AND AWWA STANDARDS C-500 TO C-504. 4. A MINIMUM SEPARATION OF 18" OR A CASING PIPE IS REQUIRED AT ANY LOCATION WHERE A WATER LINE CROSSES A STORM LINE. 5. A MINIMUM SEPARATION OF 18" AT ANY LOCATION WHERE A WATER LINE CROSSES A STORM LINE. IF THIS SEPARATION CANNOT BE FEASIBLY OBTAINED, THE WATER LINE SHALL BE INSTALLED WHERE NO JOINT IS WITHIN 6' OF THE SANITARY SEWER LINE AND A SEPARATION OF 6' MAINTAINED. 6. ALL FITTINGS TO BE THRUST BLOCKED SHALL BE 7. WATER LINES SHALL BE PRESSURE TEST AND DISINFECTED ACCORDING TO AWWA STANDARD C651. PER LOCAL WATER UTILITY AND KENTUCKY DIVISION OF WATER STANDARDS. 8. WATER LINES SHALL BE PLUGGED DURING ANY TIME WHEN THE PIPE IS IN THE TRENCH AND LEFT UNATTENDED. 9. THRUST BLOCKS SHALL BE INSTALLED AT ALL BENDS. 10. ALL PIPE AND FITTINGS SHALL BE HANDLED PER MANUFACTURER'S RECOMMENDATIONS. 11. ALL FIRE PROTECTION LINES AND FIRE HYDRANTS SHALL CONFORM TO THE MINIMUM FIRE PROTECTION REQUIREMENTS OF THE INSURANCES OF KENTUCKY. 12. ALL UNDERGROUND VALVES AND FITTINGS SHALL BE BRASS AND CONFORM TO THE LATEST EDITION OF ANSI/AWWA SPECIFICATION C600.



SITE PLANTING PLAN  
SCALE: 1"=20'

rosstarrant architects

a MOREgroup brand

101 old Lafayette Avenue Lexington, Kentucky 40502 P 502-254-4018

NOT FOR CONSTRUCTION

SITE PLANTING PLAN

MERCER COUNTY ATHLETICS - PHASE 2

FOR:

MERCER COUNTY BOARD OF EDUCATION

HARRODSBURG, KY

BG

Project No: 25012  
Drawn By: MJ  
Rev'd By: LMR/MBM/DS

SHEET RELEASE

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SD5.1

SITE PLANTING PLAN

DATE ISSUED:  
NOVEMBER 3, 2025



# STRUCTURAL NOTES

THE STRUCTURAL NOTES DEFINE GENERAL DESIGN AND MATERIAL REQUIREMENTS AND ARE INTENDED TO SUPPLEMENT, BUT NOT REPLACE, THE PROJECT SPECIFICATIONS

## DESIGN CRITERIA

- Building Code: 2018 Kentucky Building Code and ASCE 7-10 (except Chapter 14 and Appendix 11A)
    - Building Risk Category: III
  - Design Loads
    - Uniform Floor Live Loads (reduced per Building Code, UNO)

General Areas	100 psf
Corridors/Lobbies	100 psf
    - Roof Loads
      - Uniform Roof Live Load 20 psf (reduced per Bldg. Code)  
Concentrated Roof Live Load 300 lbs
      - Snow Loads: Ground Snow, Pg = 15 psf (with drift loads per Code)  
Terrain Category = C  
Snow Exposure Factor, Ce = 1.0  
Snow Load Importance Factor, I = 1.1  
Slope Factor, Cs = 1.0  
Thermal Factor: Heated Spaces, Ct = 1.0  
Unheated Spaces, Ct = 1.2  
Flat-roof Snow Load: Heated Spaces, Pf = 16.6 psf  
Unheated Spaces, Pf = 18.9 psf  
Rain-on-Snow Surcharge: 5 psf (where applicable)
      - Rain Loads: Rain Intensity, i = 5.8 in/hr (15-min duration/ 100 yr MRI)
    - Wind Loads  
Basic Wind Speed V(ult) = 120 mph; V(asd) = 76 mph  
Wind Exposure = C  
Internal Pressure Coefficient, GCpi = +/-0.18 (Enclosed Building)  
Directionality Factor, Kd = 0.85
      - Component and Cladding Pressures: See S0.4
    - Earthquake Loads  
Seismic Importance Factor, I = 1.25  
Mapped Spectral Response Accelerations, Ss and S1 = 0.18 and 0.096  
Site Class: C  
Spectral Response Coefficients, Sds and Sd1 = 0.144 and 0.109  
Seismic Design Category: B  
  
Locker Rooms:  
Basic Seismic-Force-Resisting System:Intermediate Reinforced Masonry Shear Walls  
Design Base Shear:15.5 K  
Seismic Response Coefficient, Cs = 0.051  
Response Modification Factor, R = 3.5  
Analysis Procedure: Equivalent Lateral Force Procedure  
  
Concessions:  
Basic Seismic-Force-Resisting System:Intermediate Reinforced Masonry Shear Walls  
Design Base Shear:15.5 K  
Seismic Response Coefficient, Cs = 0.051  
Response Modification Factor, R = 3.5  
Analysis Procedure: Equivalent Lateral Force Procedure
  - Structural Engineer is not responsible for the design of steel stairs, handrails, curtain wall/window wall systems, cold-formed steel framing, or other systems not shown in the Structural Documents. Such systems shall be designed, furnished, and installed as required by other portions of the Construction Documents.
  - No explicit provisions have been made for future building expansion.
- ## GENERAL
- Reference to standards or specifications of technical societies, organizations, or associations means the standard or specification referenced by the governing Building Code shown on the Drawings, unless specifically noted otherwise.
  - Material, workmanship, and design shall conform to the referenced Building Code.
  - For dimensions not shown in the Structural Drawings, see the Architectural Drawings.
  - Contractor responsibilities include, but are not limited to, the following:
    - Coordinate the Structural Documents with the Architectural, Mechanical, Electrical, Plumbing, and Civil Documents. Architect/Structural Engineer shall be notified of any discrepancy or omission prior to installation of associated work.
    - Coordinate Structural Documents with Architectural and MPE Documents for location and quantity of miscellaneous framing for items such as roof drains, suspended or supported mechanical units, window washing roof anchors, etc. Refer to Architectural and MPE Documents for additional miscellaneous structural elements that may not appear in the Structural Documents.
    - Equipment/Framing Verification
      - Mechanical Equipment: Submit actual weights of equipment to be used for review at least 3 weeks prior to fabrication and construction. Coordinate opening sizes and locations with Mechanical Contractor.
      - Miscellaneous Framing: Verify framing shown on the Structural Drawings for mechanical equipment, Owner-furnished items, partitions, etc. is consistent with the requirements of such items.
    - The structure is stable only in its completed form. Temporary supports required for stability during all intermediate stages of construction shall be designed, furnished, and installed by the Contractor.
    - Contractor has sole responsibility for jobsite safety and complying with all health and safety precautions as required by any regulatory agency. In performing construction observation visits to the jobsite, the Structural Engineer will have no control over, nor responsibility for, the Contractor's means, methods, sequences, techniques, or Procedures in performing the work.
    - Contractor is responsible for locating concrete reinforcement prior to the installation of post-installed anchors, through bolts, or other post-installed items in concrete. Existing reinforcement, including post-tensioning tendons, shall not be damaged during installation.
  - Contractor shall field verify all existing conditions, elevations, and site conditions prior to construction and fabrication. Contractor shall immediately notify Structural Engineer of any existing conditions that are in conflict with the Structural Documents.

## SUBMITTALS

- Shop Drawings and Submittals
  - Reproduction of Structural Drawings for shop drawings is not permitted.
  - Electronic drawing files will not be provided to the Contractor.
  - Review of shop drawings will be for conformance with the Construction Documents regarding arrangement and sizes of members and the Contractor's interpretation of the design loads, if applicable, and Construction Document details. Such review shall not relieve the Contractor of the full responsibility to comply with the Construction Documents.
- Submittals
  - The Structural Quality Assurance Plan and Specifications identify the required submittals. Prior to (or with) the first submittal, Contractor shall submit a list of all required submittals for Engineer's review.
  - Email all submittals to submittals@sdg-structure.com
- Deferred Submittals
  - Deferred Submittals include those portions of the project that are furnished by the Contractor and designed by someone other than the Engineer of Record and are submitted at the time of the application. Deferred Submittals shall be submitted to the Building Official prior to fabrication and installation.
  - Submittal documents for Deferred Submittals:
    - Shall be included in the Contractor's scope of services and shall be sealed by an Engineer licensed in the project state. Design of Deferred Submittals shall be in accordance with the governing Building Code indicated above.
    - Shall be submitted to the registered design professional in responsible charge who shall review them and forward to the Building Official with a notation indicating the deferred submittal documents have been reviewed and that they have been found in general conformance with the design of the building. Deferred submittal items shall not be installed until the design and submittal documents have been approved by the Building Official.
  - The following shall be considered Deferred Submittals:  
Steel Connections - See "Structural Steel" Section  
Shop-Fabricated Wood Trusses  
Pre-fabricated Canopies  
Cold-Formed Exterior Steel Stud Framing

## FOUNDATION

- Building Pad Preparation: See Specifications
- Soil Bearing Capacity: Isolated Footings 2,000 psf  
Continuous Footings 2,000 psf
  - Footings shall not bear on rock. Remove rock, if any, for a depth of 2 feet below footing bearing elevation.

## REINFORCEMENT

- Reinforcing Bars: ASTM A615, Grade 60
  - Reinforcing bars are not to be welded.
  - Reinforcing Bars to be welded: ASTM A706, Grade 60. Welding shall conform to AWS D1.4. Filler metals used to weld A706 reinforcing steel shall be a minimum tensile strength of 80 ksi
- Welded Wire Reinforcement (WWR): ASTM A1064, 8-in minimum side and end laps
- Reinforcement Placement (UNO)
  - Concrete Reinforcement Clear Cover  
Below Grade: Unformed 3-in  
Formed 2-in  
Slabs on Ground See details
  - Masonry reinforcing steel: Place in the center of CMU cells, unless otherwise noted in Drawings.
- Reinforcement Splices
  - Reinforcement marked "Continuous" can be spliced at locations determined by Contractor. All other reinforcement shall be spliced only at locations shown or noted, unless approved in writing by Structural Engineer.
  - Splice Lengths (UNO)  
Concrete Reinforcement: Class B Tension Lap  
Masonry Reinforcement: See CMU Lap Splice Tables in Drawings

## NON-SHRINK GROUTING

- Non-shrink grout under steel base plates shall be a packaged hydraulic cement grout and conform to ASTM C1107.
- Mixing of grout, surface preparation of concrete substrate, placement, thermal control, and curing of grout shall conform to the manufacturer's instructions.
- Work related to the grout under steel base plates shall conform to all requirements of ACI 351.4-14, "Specification for Installation of Cementitious Grouting between Foundations and Equipment Bases".
- The required minimum compressive strength at 28 days is 6,000 psi.
- Mix grout to its fluid, self-leveling consistency, and place under base plate in a flowable state.
- Use forms to contain grout. Forms shall be set at a distance from the edge of the baseplate on all sides equal to at least the thickness of the grout bed, and no less than 1.5-in.
- Non-shrink grout used for patching, repair, and other specific applications shall be submitted for review and approval by engineer.

## CAST-IN-PLACE CONCRETE

- Concrete Properties
  - Normal Weight Structural Concrete

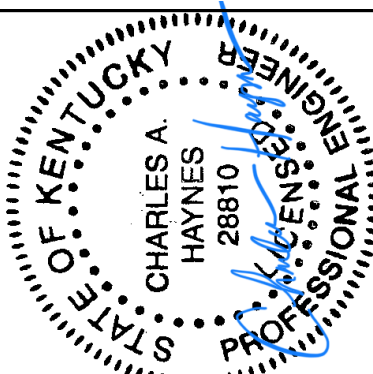
Member	28-day Strength f'c (psi)	Exposure Category				Max. w/cm Ratio	Air Content +/-1.5%	Max. Nom. Aggregate Size
Footings	3,000	F1	S0	W1	C0	0.50	----	1-in
Foundation Walls	3,000	F1	S0	W1	C0	0.50	----	1-in
Slabs-on-Ground	3,500	F0	S0	W0	C0	0.50	----	3/4-in
Mechanical Equipment Pads:								
Interior	3,000	F0	S0	W0	C0	----	----	1-in
Exterior	3,000	F3	S0	W1	C2	0.40	5%	1-in
Lean Concrete	1,500	F3	S0	W1	C2	0.40	5%	3/4-in
Other Structural Concrete	5,000	F3	S3	W1	C2	0.40	5%	3/4-in
  - Construction Joint Locations: No horizontal construction joints are permitted except as shown on the Structural Drawings. Obtain written consent for additional joints.
  - Pipes or ducts shall not exceed one-third the slab or wall thickness unless specifically detailed. See mechanical and electrical drawings for location of sleeves, accessories, etc.
    - Conduit shall not be placed within the slab on ground. Conduit shall be installed below the slab on ground within the granular sub-base.
  - Defect Repair: Honey-combing, spalls, cracks, etc. shall be repaired. Extent of defective area to be determined by the Structural Engineer.
  - Curing
    - Begin curing procedures immediately following commencement of the finishing operation.
    - Concrete shall be moist cured in accordance with ACI 308. See Specification for additional information.

## CONCRETE MASONRY

- Specified Compressive Strength, f'm = 2,000 psi
- Concrete Masonry Units
  - Minimum Net Area Compressive Strength of Masonry Unit: 2,000 psi (ASTM C90 w/ Type M or S Mortar)
  - Weight: Normal weight
- Mortar: Walls below grade Type M  
Bearing walls Type M or S  
Partition walls Type N
- Coarse Grout: 2,500 psi min. compressive strength conforming to ASTM C476.
  - Grout solid bond beams, reinforced CMU cores, and CMU cores and wall cavities below grade.
  - Masonry webs on each side of grouted cells shall be fully mortared. Exterior single wythe CMU walls shall have head joints fully mortared.
- Horizontal Joint Reinforcement, UNO: Two (2) No. 9 gage longitudinal wires at 16-in vertically. Lap wire 6 inches minimum. Provide accessories for corners, intersections, etc. Use ladder type for walls with vertical reinforcing.
- Provide open bottom beam block units with 3-in deep minimum web openings at horizontal reinforcement locations not located over an opening. A minimum clear space of one bar diameter shall be provided between the reinforcing bars and the face of masonry units.
- CMU has been designed assuming "running bond" placement. Do not use "stack bond" unless approved by Structural Engineer.
- Contraction Joints: Unless noted otherwise on the Plans, maximum spacing of 1 1/2 times of wall height or 24 feet (whichever is less) in all concrete masonry walls (including partitions) above grade.
- Submit written construction procedures prior to the start of masonry construction.
- Grout fill beam and joist pockets in masonry walls after welds are inspected.
- Contractor shall submit drawings coordinated with masonry and MPE contractors indicating the MPE penetrations through load bearing and non-load bearing walls. These drawings shall indicate the size and location of all penetrations and shall be submitted to the Architect/Structural engineer prior to installation.

## STRUCTURAL INDEX

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S1.2	ROOF FRAMING PLANS
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S2.2	FOUNDATION SECTIONS AND DETAILS
S3.1	MASONRY SECTIONS AND DETAILS
S3.2	MASONRY SECTIONS AND DETAILS
S4.1	FRAMING SECTIONS AND DETAILS



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BG 25-362

Project No: 23012  
Drawn By: CA/ILG  
Rev'd By: CH

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**S0.1**

STRUCTURAL NOTES  
DATE ISSUED:  
FEBRUARY 10, 2026

STRUCTURAL NOTES CONTINUED

STRUCTURAL STEEL

1.

Steel Shapes

1.1

W-Shapes: ASTM A992, Grade 50

1.2

Angles, Channels, Plates, UNO: ASTM A36

1.3

Square/Rectangular/Round Hollow Structural Sections (HSS): ASTM A500, Grade B

1.4

Pipe Structural Sections: ASTM A53, Grade B
2.

Anchor Rods, Bolts, and Studs

2.1

Anchor Rods: ASTM F1554, Grade 55. Headed Rods or threaded rods with plate washer and heavy hex nut.

2.2

Bolts: 3/4-in Diameter A325 minimum. All connections may be bearing type, UNO. Design bearing type connections for load values with threads included in the shear plane. Submit proposed bolt tightening procedure for review.
3.

Structural steel shall be fabricated and erected according to the "Specification for Structural Steel Buildings" referenced in the referenced Building Code.
4.

Connections shall be detailed based on the design information provided in the Structural Documents.

4.1

Standard Shear Connections: Detail as bolted or welded double-angle, single-plate, single-angle, or tee connections in accordance with the connection tables in the "Manual of Steel Construction" referenced in the referenced Building Code.

4.1.1

Shear connections not defined in the AISC Manual shall be designed by an Engineer licensed in the project state. This design service shall be included in the Contractor's scope of services. Shop drawings of such connections shall be sealed by the Engineer, completed prior to and submitted with the Structural Steel Shop Drawings.

4.2

Welded Connections: Prequalified welded joints in accordance with AISC and the Structural Welding Code of the American Welding Society; "Non-prequalified joints" shall be qualified prior to fabrication.

4.3

Factored Design Forces/Reactions: As shown on the Structural Drawings or, if not shown, the factored design reaction shall be half of the "Maximum Total Uniform Load (LRFD)" tabulated in the "Manual of Steel Construction" referenced in the referenced Building Code.

4.4

Steel connections not specifically detailed in the Structural Drawings shall be designed by the Contractor. This design service shall be included in the Contractor's scope of services. Shop drawings of such connections shall be sealed by an Engineer licensed in the project state, completed prior to and submitted with the Structural Steel Shop Drawings.
5.

Shop Drawings: Submittal shall adequately depict structural members and connections.
6.

Galvanizing

6.1

Galvanize environmentally exposed steel, for example mechanical equipment supports and screen walls.

6.2

Galvanized members shall have proper treatment performed to accept paint.

6.3

Touch-up welds and abrasions in galvanized members in accordance with ASTM A780.
7.

Shelf Angles Supporting Masonry Veneer

7.1

All shelf angles supporting exterior building veneer are to be galvanized. Touch-up welds and abrasions in accordance with ASTM A780.

7.2

Galvanized brick lintel angles receiving paint shall have proper treatment performed to accept paint.

7.3

Sections and details presented in the structural documents may not be construed as defining the elevation of shelf angles. Elevations of shelf angles must be coordinated with the architectural drawings to ensure shelf angles are positioned at the proper elevation for masonry coursing.

7.4

Contractor shall submit elevations and plans depicting all masonry shelf angles and their respective elevations for approval by the architect and structural engineer prior to construction.

SHOP-FABRICATED WOOD TRUSSES

1.

Design of wood trusses and their connections shall be the sole responsibility of the Contractor. Design and shop drawing submittals shall comply with the Specifications. Shop drawings shall be sealed by an Engineer licensed in the Project state.
2.

Wood trusses shall be designed for the superimposed loads given in the Structural Drawings plus any additional superimposed dead loads due to overbuilt wood framing constructed above trusses.

COLD-FORMED NON-LOAD BEARING EXTERIOR STEEL STUD FRAMING

1.

Design of cold-formed exterior steel non-load bearing studs and their connections shall be the sole responsibility of the Contractor. Design and shop drawing submittals shall comply with the Specifications. Shop drawings shall be sealed by an Engineer licensed in the Project state.
2.

Cold-Formed Steel Design, Fabrication and Erection: Conform to AISI S100 "North American Specification for the Design of Cold-formed Steel Structural Members" referenced in the referenced Building Code.

POST-INSTALLED ANCHORS

1.

Post-installed anchors shall only be installed where indicated on the structural drawings, unless approved by engineer of record.
2.

The below products are the design basis for this project. Product diameter and embedment shall be as shown in the details. Install products in accordance with the Manufacturer's Printed Installation Instructions (MPII). Refer to the project building code and/or evaluation report for special inspections and proof load requirements. Substitution requests for products other than those listed below may be submitted by the contractor to the Engineer-of-Record (EOR)for review. Substitutions will only be considered for products having a research report recognizing the product for the appropriate application under the project building code. Substitution requests shall include calculations that demonstrate the substituted product is capable of achieving the equivalent performance values of the design basis product.
3.

For Anchoring into Concrete

3.1

Expansion Anchors: Hilti Kwik Bolt TZ (ICC-ES ESR-1917), Simpson Strong-Bolt 2 (ICC-ES ESR-3037), Dewart/Powers Power-Stud+ SD1 (ICC-ES ESR-2818), or Dewart/Powers Power-Stud+ SD2 (ICC-ES ESR-2502). Minimum embedment = 6 times anchor diameter, UNO.

3.2

Screw Anchors: Simpson Titen-HD (ICC-ES ESR-2713), Dewart Screw Bolt+ (ICC-ES ESR-3889), or Hilti Kwik HUS (KH-EZ) (ICC-ES ESR-3027). Minimum Embedment = 6 times anchor diameter, UNO.

3.3

Adhesive Anchors

3.3.1

Adhesive anchors shall be installed in concrete having a minimum age of 21 days at time of anchor installation.

3.3.2

Adhesive anchors identified in the drawings as installed in a horizontal or upwardly inclined orientation to resist sustained tensile loads shall be installed by certified installers.

3.3.3

All-thread steel rods conforming to ASTM A36 or bolts conforming to ASTM A307, Grade A (both zinc plated in accordance with ASTM B633), or reinforcing bars conforming to ASTM A615, Grade 60.

3.3.4

Adhesive for rebar and anchors shall have been tested in accordance with ACI 355.4 and ICC-ES AC308 for cracked concrete and seismic applications. Design bond strength has been based on CRACKED CONCRETE, ACI 355.4 temperature category B, and installations into dry holes drilled using a hammer drill into concrete that has cured for at least 21 days. Adhesive anchors shall be installed by a certified adhesive anchor installer PER ACI 318 17.8.2.2 where INDICATED on the contract documents. Installations requiring certified installers shall be inspected per ACI 318 17.8.2.4.

3.3.5

Adhesive conforming to Simpson AT-3G (ICC-ES ESR-5026), Simpson SET-3G (ICC-ES ESR-4057), Dewart/Powers Pure110+ (ICC-ES ESR-3298), Dewart/Powers Dewart AC200+ Adhesive (ICC-ES ESR-4027), Hilti HIT-HY 200 SafeSet Fast Cure Adhesive (ICC-ES ESR-3187), Hilti HIT-RE 500 V3 SafeSet Adhesive (ICC-ES ESR-3814). Minimum Embedment = 12 times anchor diameter, UNO.
4.

For Anchorage into Solid Grouted Concrete Masonry

4.1

Expansion Anchors: Hilti Kwik Bolt 3 (ICC-ES ESR-1385), Simpson Strong-Bolt 2 (IAPMO-UES ER-240), Simpson Wedge-All (ICC-ES ESR-1396) or Dewart/Powers Power-Stud+ SD1 (ICC-ES ESR-2966). Minimum embedment = 6 times anchor diameter, UNO.

4.2

Screw Anchors: Simpson Titen-HD (ICC-ES ESR-1056) or Dewart Screw-Bolt+ (ICC-ES ESR-4042), Hilti Kwik HUS (HS-EZ) (ICC-ES ESR-3056). Minimum Embedment = 6 times anchor diameter, UNO.

4.3

Adhesive Anchors: Adhesive conforming to Simpson SET-3G (ICC-ES ESR-4844), Dewart/Powers AC100+ Gold (ICC-ES ESR-3200), Hilti HIT-HY 70 Fast Cure Adhesive (ICC-ES ESR-2682). Minimum Embedment = 6 times anchor diameter, UNO.
5.

Contractor shall arrange for an anchor manufacturer's representative to provide onsite installation training for all of their anchoring products specified. The structural Engineer of record must receive documented confirmation that all of the contractor's personnel who install anchors are trained prior to the commencement of anchor installation.

WOOD

1.

Structural framing plans depict the primary structural framing system. Contractor shall provide secondary and miscellaneous framing as required to complete the project (see architectural drawings).
2.

Dressed Seasoned Lumber: S4S, 19% maximum moisture content at time of dressing.

2.1

Wood in Contact with Concrete or Masonry or Exposed to Weather:

Foundation grade pressure-treated.  
Use galvanized nails in pressure-treated wood.
3.

Structural Panels

3.1

Roof panels: APA rated sheathing (plywood or OSB).

3.1.1

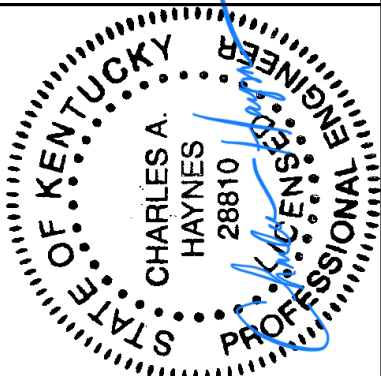
Panels shall have a Span Rating of 40/20 and Exposure 1.

3.1.2

Panels shall be placed with the long direction perpendicular to the supports and shall be a minimum of 24-inches wide and continuous over at least 2 supports.

3.1.3

Roof panels shall be both glued (exterior glue) and nailed.



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EOR Project No.: 2024-0018

STRUCTURAL NOTES CONTINUED

MERCER COUNTY ATHLETIC IMPROVEMENTS - PHASE 2

FOR:

MERCER COUNTY BOARD OF EDUCATION

HARRODSBURG, KY

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Structural Engineer:  
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BG 25-362

Project No: 23012

Drawn By: CA/LLG

Rev'd By: CH

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STRUCTURAL QUALITY ASSURANCE PLAN  
MERCER COUNTY ATHLETIC IMPROVEMENTS - PHASE 2

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FOR:  
MERCER COUNTY BOARD OF EDUCATION  
HARRODSBURG, KY

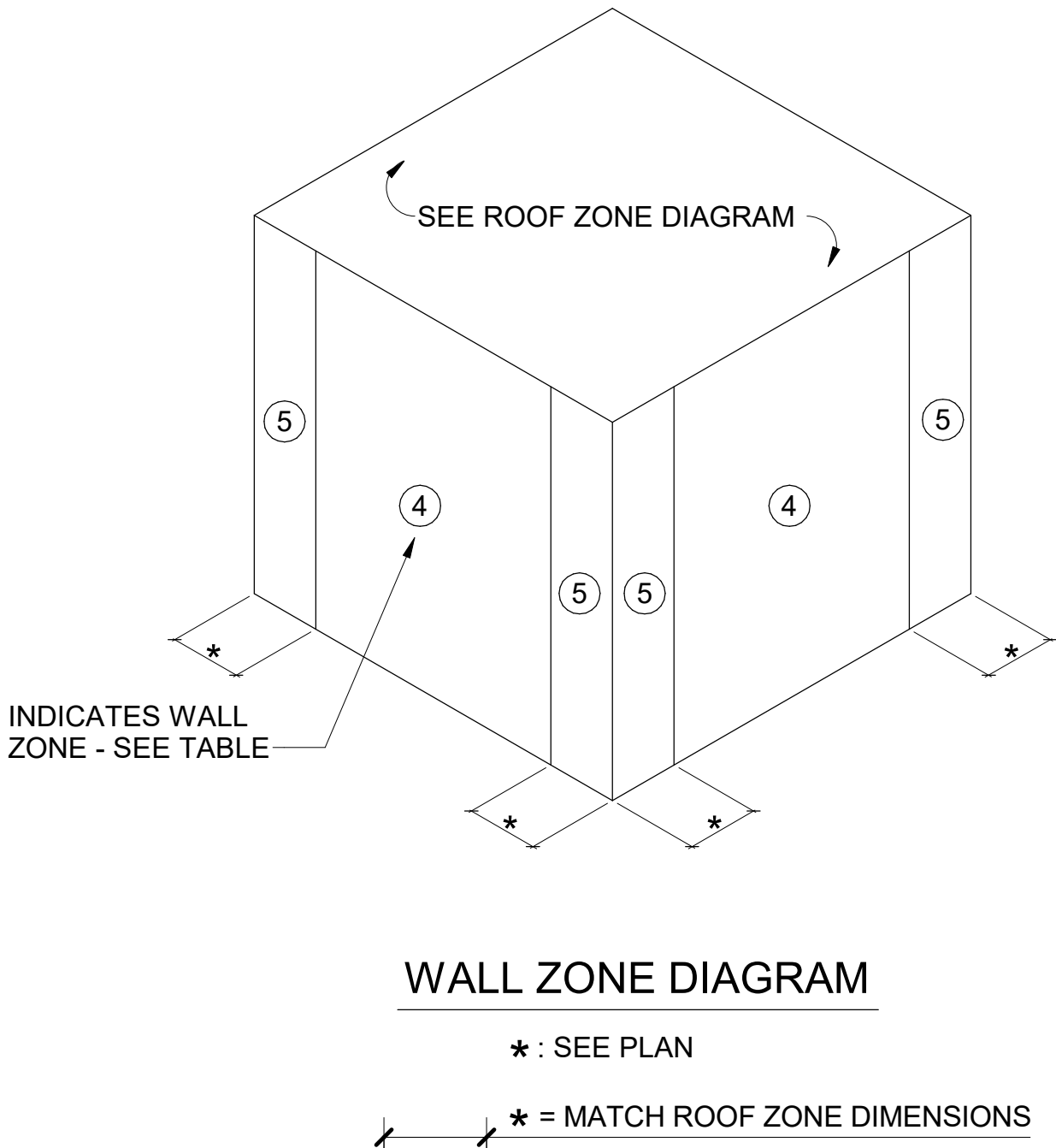
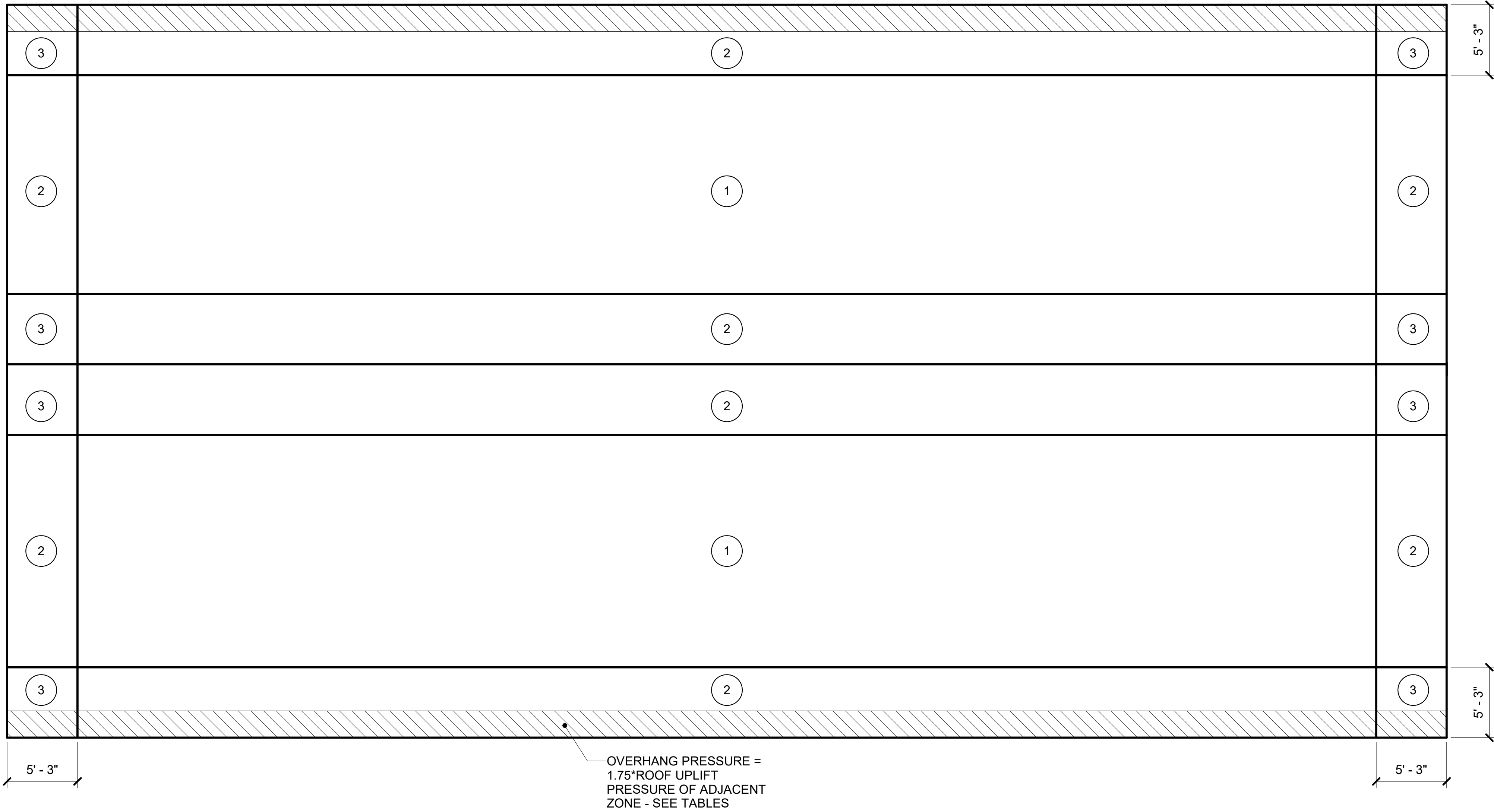
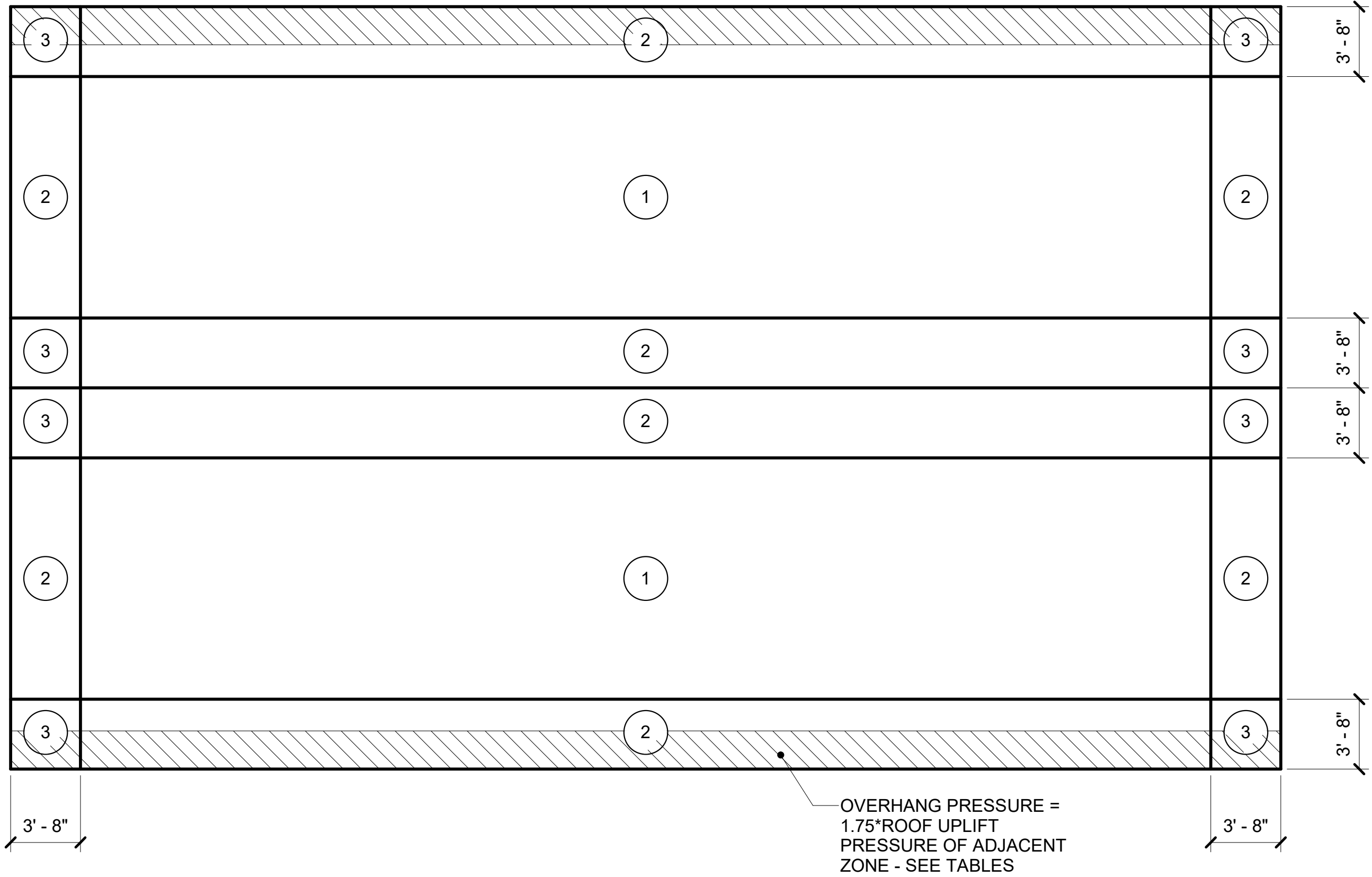
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# S0.3

STRUCTURAL QUALITY  
ASSURANCE PLAN  
DATE ISSUED:  
FEBRUARY 10, 2026

WIND PRESSURE DIAGRAM



WIND PRESSURE DIAGRAM NOTES:

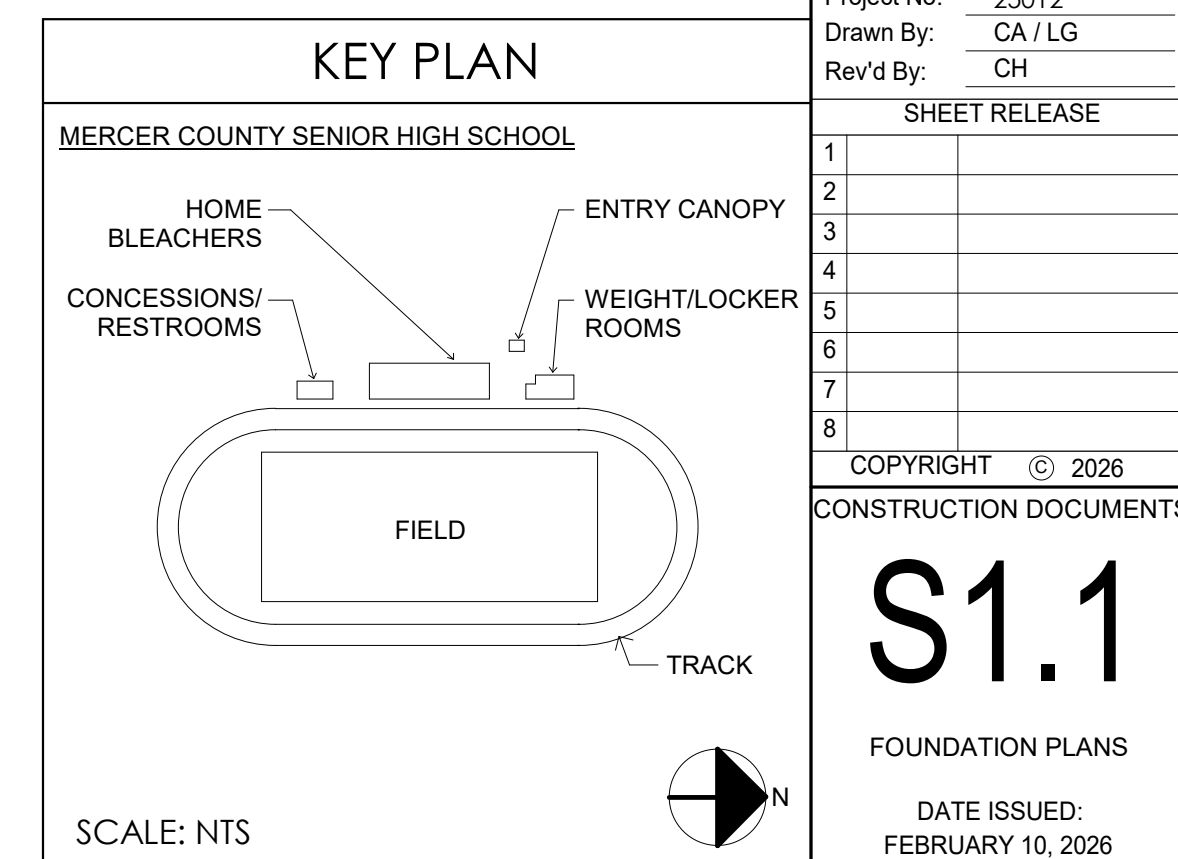
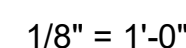
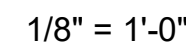
- DESIGN WIND PRESSURES WERE CALCULATED IN ACCORDANCE WITH ASCE 7-10 BASED ON AN EFFECTIVE WIND AREA AND WITH  $K_d=0.85$ . MULTIPLY BY 0.6 FOR ASD PRESSURES.
- ROOF UPLIFT WIND PRESSURES IN ZONES ARE GROSS UPLIFT VALUES. NET UPLIFT PRESSURES SHALL BE CONSIDERED EQUAL TO GROSS PRESSURES.
- TABULATED WIND PRESSURES SHALL BE USED IN THE DESIGN OF EXTERIOR COMPONENT AND CLADDING MATERIALS. INTERPRETATION AND APPLICATION OF THESE PRESSURES TO SPECIFIC PORTIONS OF THE BUILDING AREAS SHALL BE THE RESPONSIBILITY OF THE EXTERIOR COMPONENT AND CLADDING MATERIAL SUPPLIER.

EXTERIOR WALL PRESSURES			
AREA (SQ. FT)	ZONE 4 (PSF)	ZONE 5 (PSF)	
10	+31.4 / -34.0	+31.4 / -42.0	
50	+28.1 / -30.8	+28.1 / -35.5	
100	+26.7 / -29.3	+26.7 / -32.6	
200	+25.3 / -27.9	+25.3 / -29.8	
≥500	+23.4 / -26.1	+23.4 / -26.1	

ROOF UPLIFT PRESSURES			
AREA (SQ. FT)	ZONE 1 (PSF)	ZONE 2 (PSF)	ZONE 3 (PSF)
10	-28.7	-63.3	-103.2
20	-27.9	-63.3	-93.6
50	-26.9	-63.3	-80.9
100	-26.1	-63.3	-71.3
200	-26.1	-63.3	-71.3
≥500	-26.1	-63.3	-71.3

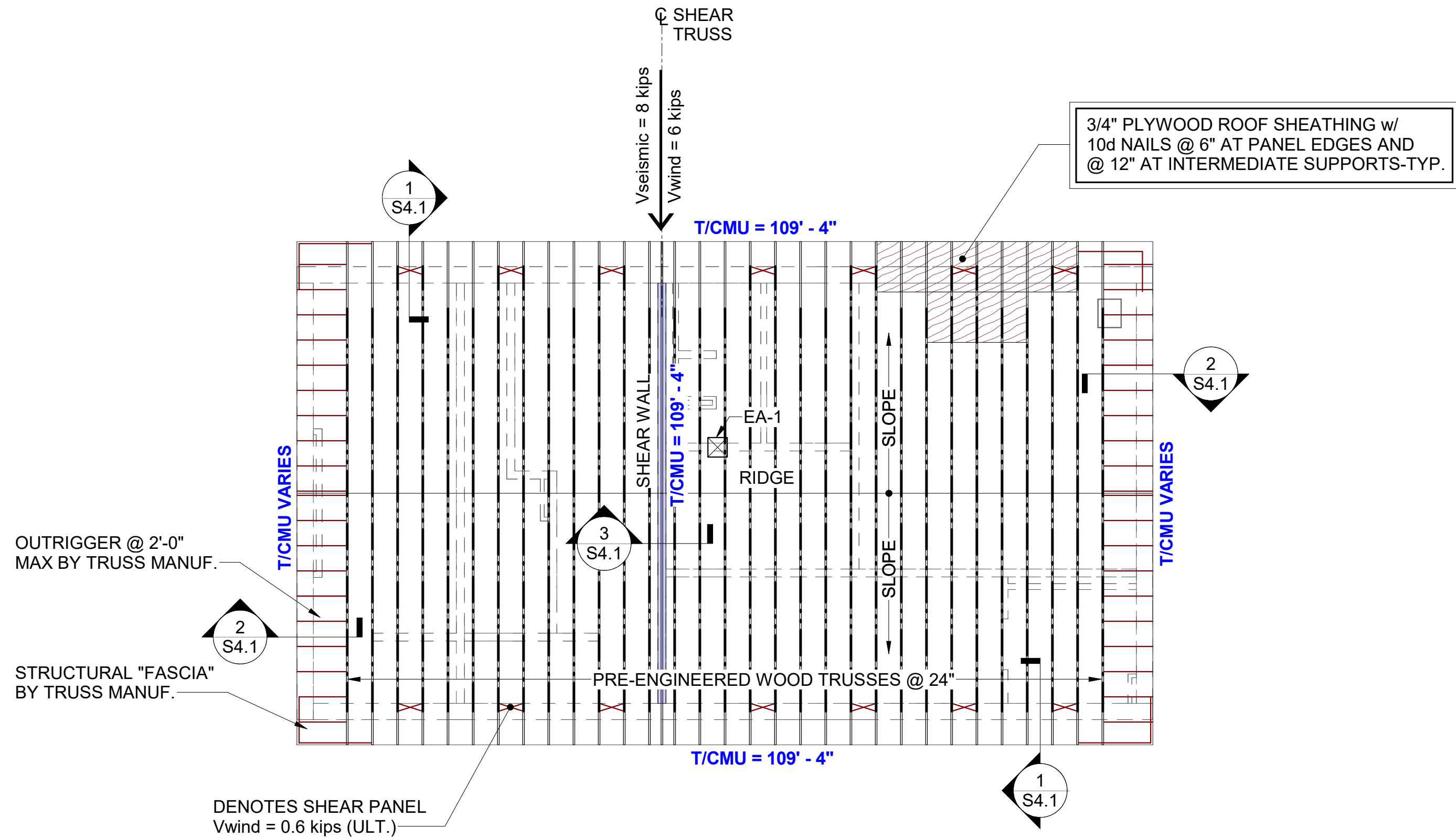
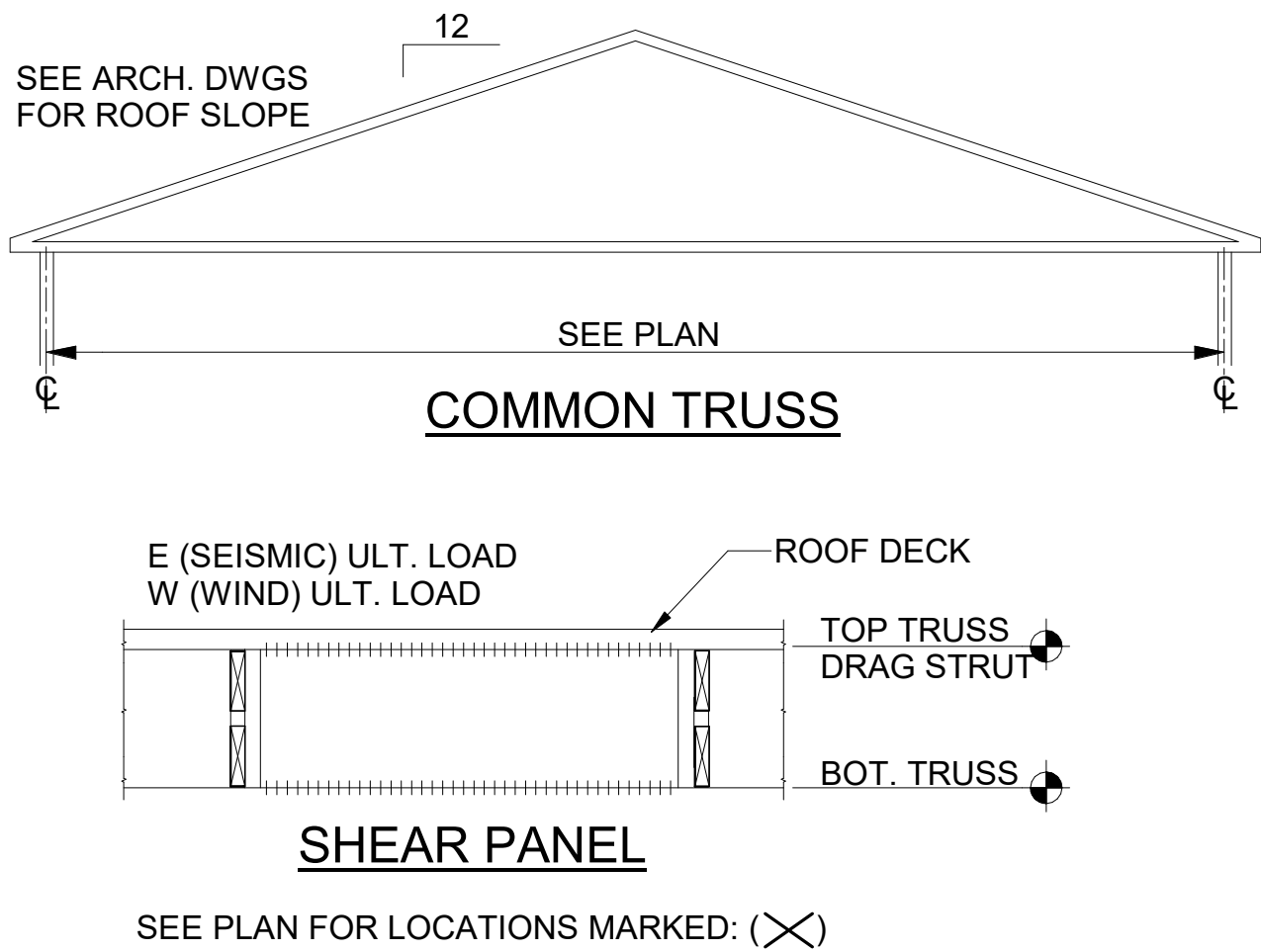
## FOUNDATION NOTES:

1. WALL REINFORCING FOR FULL HEIGHT OF WALLS IS INDICATED ON PLANS (ie, "X" #X@X", DENOTES CMU/BAR SIZE/BAR SPACING)  
SEE TYPICAL CMU / WALL REINFORCING DETAIL FOR ADDITIONAL REINFORCING AT OPENINGS, CORNERS, CMU CONTRACTION JOINTS, ETC.
2. WALLS SHOWN ON PLAN WITHOUT REINFORCING INDICATED TO HAVE MINIMUM REINFORCING AS SHOWN IN THE TYPICAL CMU WALL REINFORCING DETAIL.
3. LINTELS ABOVE DOOR AND WINDOW OPENINGS ARE SHOWN ON PLANS.  
"LX" - SEE CMU LINTEL SCHEDULE FOR SIZE AND REINFORCING.
4. C/J (CMU CONTRACTION JOINT) SHOWN ON PLANS INDICATES APPROPRIATE LOCATIONS OF CONTRACTION JOINTS. LOCATIONS ARE INTENDED TO COINCIDE WITH CMU COURSING. COORDINATE LOCATION OF JOINTS WITH ARCHITECTURAL DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF BRICK JOINTS.
5. ALL DIMENSIONS ARE TO BE VERIFIED WITH ARCHITECTURAL DRAWINGS BEFORE DETAILING AND CONSTRUCTION ARE TO BEGIN. FOR DIMENSIONS NOT SHOWN, SEE ARCHITECTURAL DRAWINGS.
6. DO NOT LOCATE PLUMBING LINES WITHIN CONCRETE FOOTINGS.



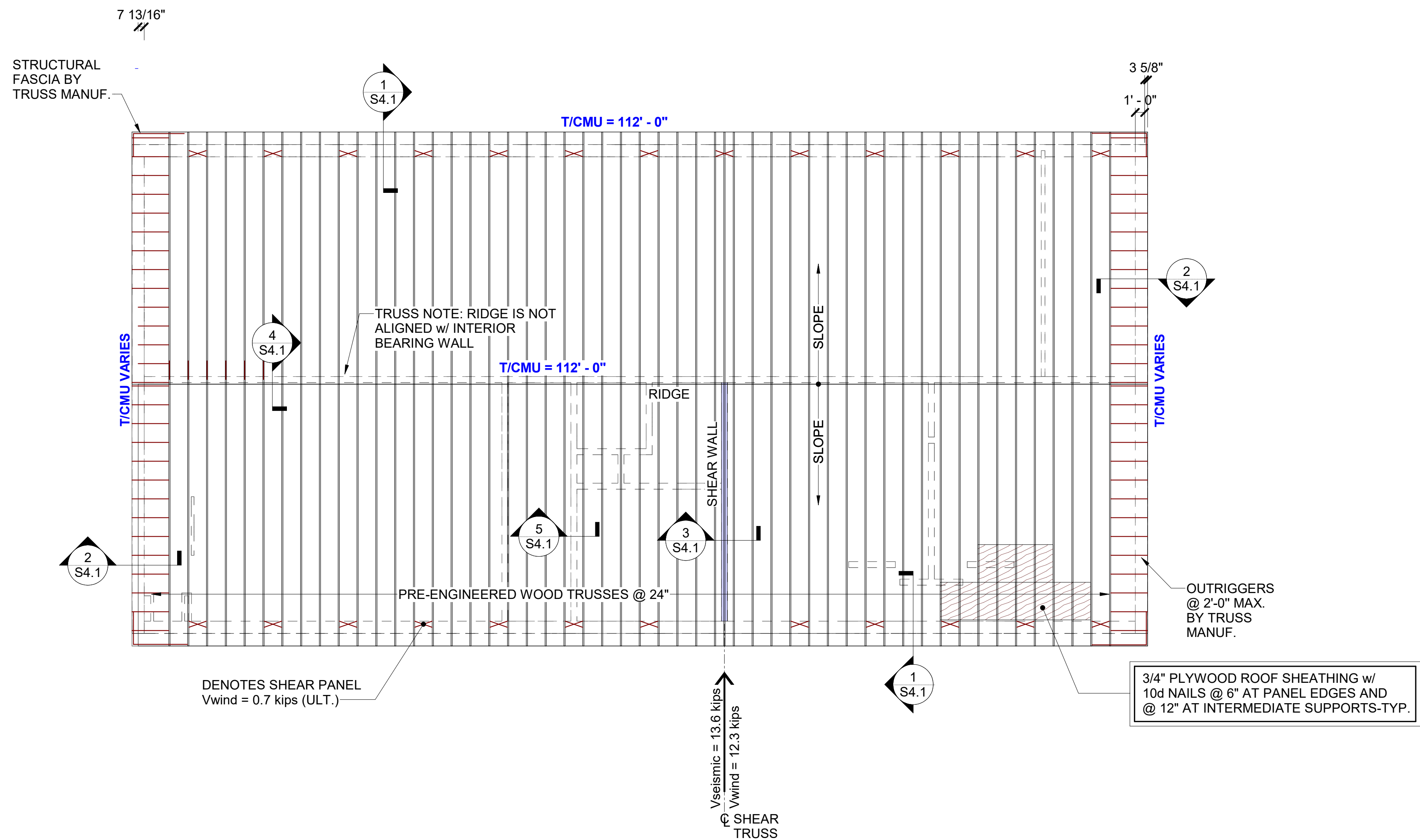
### ROOF TRUSS NOTES:

1. LOCATE SHEAR PANELS AS SHOWN (X)  
THESE PANELS ARE TO TRANSFER  
DIAPHRAGM FORCES INTO SHEARWALL BELOW.
2. SEE ARCHITECTURAL DRAWINGS  
FOR DIMENSIONS NOT SHOWN.
3. ROOF TRUSS SUPERIMPOSED DESIGN LOADS:  
TC DL = 10 PSF  
TC LL = 20 PSF (REDUCED PER BLDG. CODE)  
BC DL = 10 PSF (Coordinate Locations of Loads  
From Sprinkler System)



### ROOF FRAMING PLAN - CONCESSIONS

1/8" = 1'-0"



### ROOF FRAMING PLAN - LOCKER ROOMS

1/8" = 1'-0"

ROOF FRAMING PLANS  
MERCER COUNTY ATHLETIC IMPROVEMENTS - PHASE 2  
FOR:  
MERCER COUNTY BOARD OF EDUCATION  
HARRODSBURG, KY

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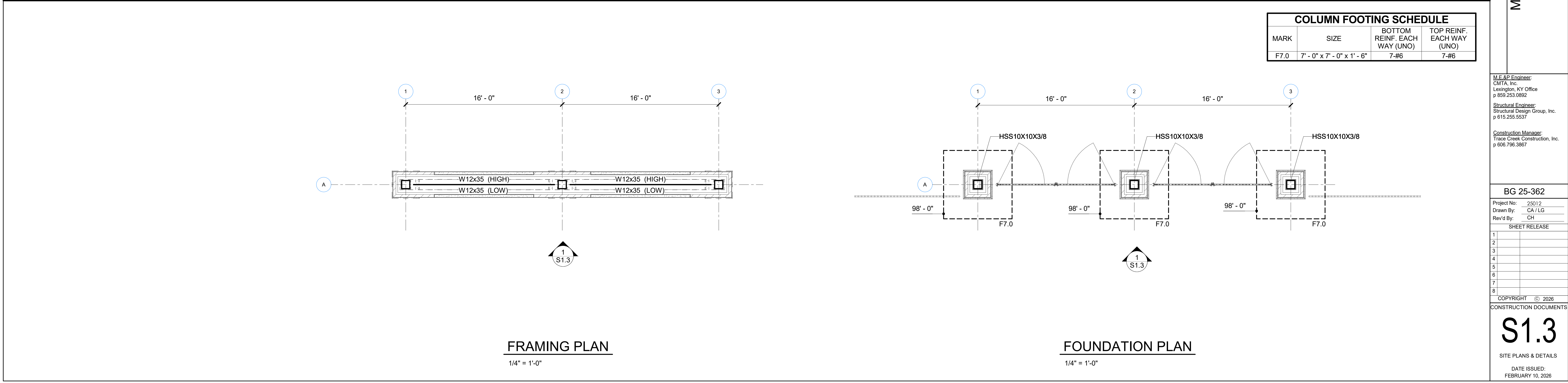
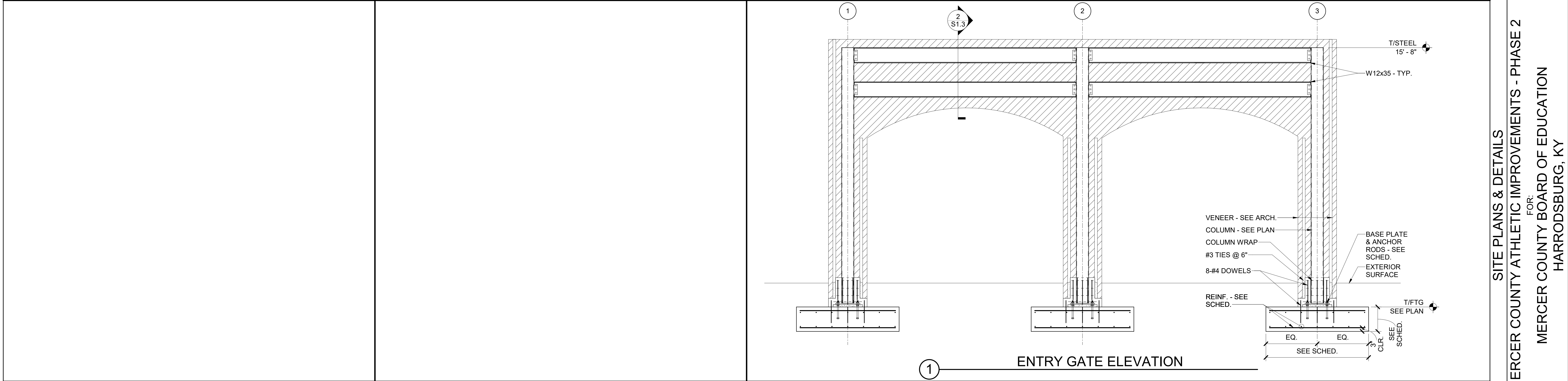
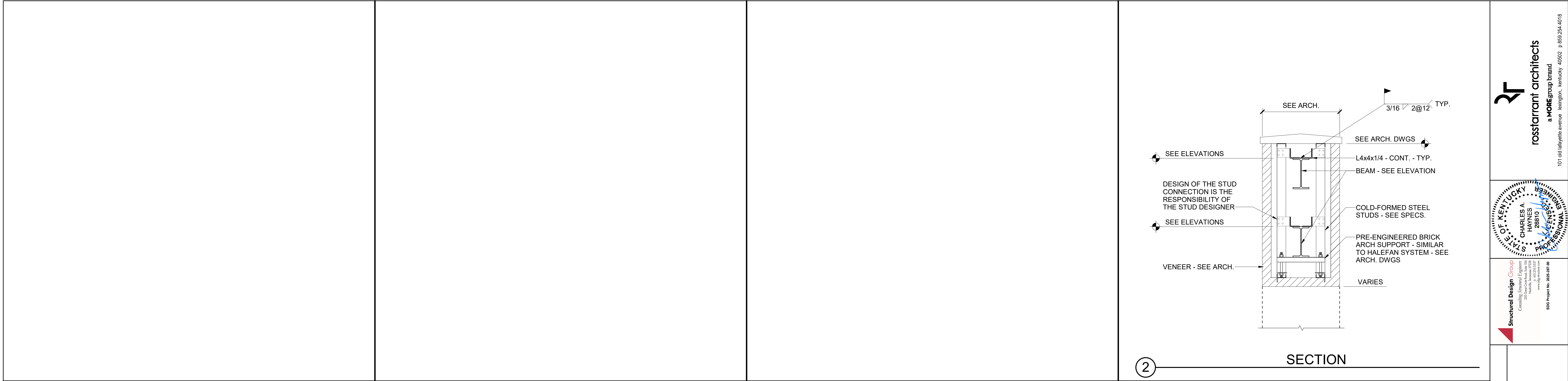
BG 25-362

Project No: 23012  
Drawn By: CA/ILG  
Rev'd By: CH  
SHEET RELEASE

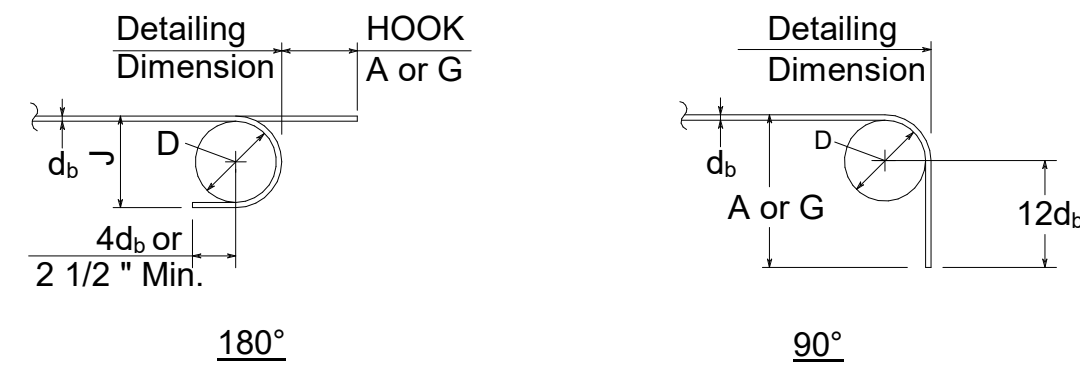
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CONSTRUCTION DOCUMENTS

**S1.2**  
ROOF FRAMING PLANS  
DATE ISSUED:  
FEBRUARY 10, 2026

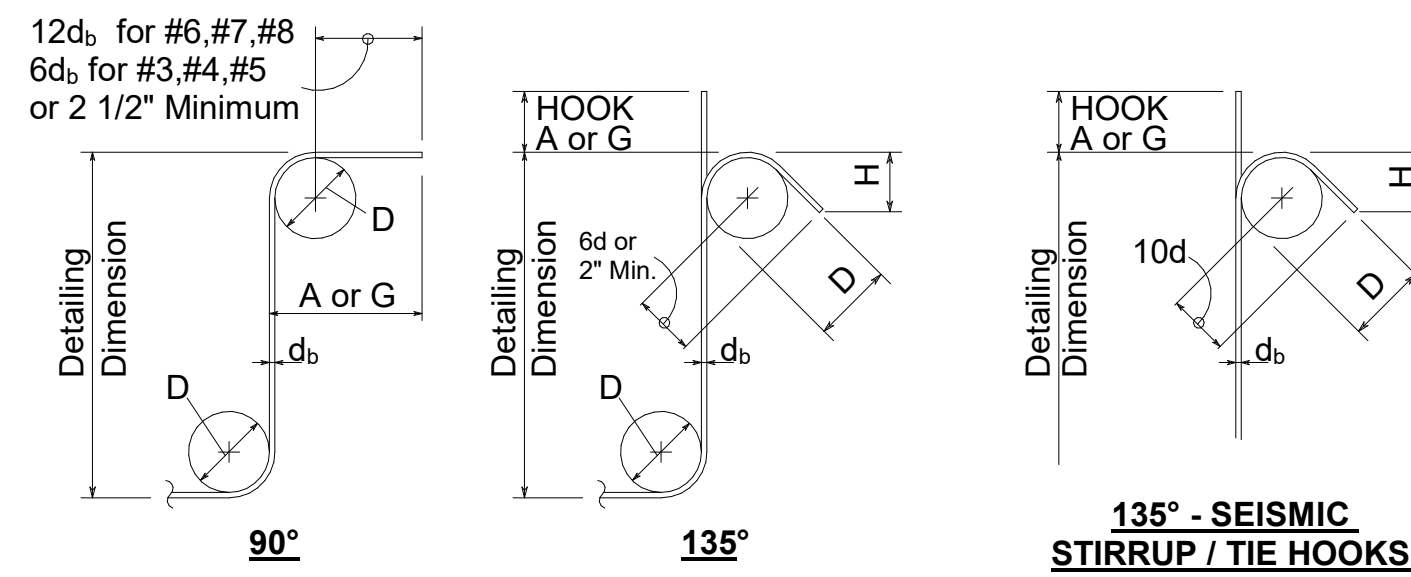


## STANDARD END HOOK DIMENSIONS



BAR SIZE	D	180° HOOK		90° HOOK
		A or G	J	
#3	2 1/4"	5"	3"	6"
#4	3"	6"	4"	8"
#5	3 3/4"	7"	5"	10"
#6	4 1/2"	8"	6"	1'-0"
#7	5 1/4"	10"	7"	1'-2"
#8	6"	11"	8"	1'-4"
#9	9 1/2"	1'-3"	11 3/4"	1'-7"
#10	10 3/4"	1'-5"	1'-1 1/4"	1'-10"
#11	12"	1'-7"	1'-2 3/4"	2'-0"
#14	18 1/4"	2'-3"	1'-9 3/4"	2'-7"
#18	24"	3'-0"	2'-4 1/2"	3'-5"

## STANDARD STIRRUP AND TIE HOOK DIMENSIONS



BAR SIZE	D	NON-SEISMIC			SEISMIC	
		90° HOOK	135° HOOK	135° HOOK	A or G	H APPROX.
#3	1 1/2"	4"	4"	2 1/2"	4 1/4"	3"
#4	2"	4 1/2"	4 1/2"	3"	4 1/2"	3"
#5	2 1/2"	6"	5 1/2"	3 3/4"	5 1/2"	3 3/4"
#6	4 1/2"	1'-0"	8"	4 1/2"	8"	4 1/2"
#7	5 1/4"	1'-2"	9"	5 1/4"	9"	5 1/4"
#8	6"	1'-4"	10 1/2"	6"	10 1/2"	6"

## CONCRETE REINFORCEMENT CLASS "B" LAP SPLICES

BAR SIZE	CONCRETE STRENGTHS															
	3,000 PSI				4,000 PSI				5,000 PSI				6,000 PSI			
	CASE 1		CASE 2		CASE 1		CASE 2		CASE 1		CASE 2		CASE 1		CASE 2	
	TOP	OTHER	TOP	OTHER	TOP	OTHER	TOP	OTHER	TOP	OTHER	TOP	OTHER	TOP	OTHER	TOP	OTHER
#3	2'-6"	2'-0"	3'-9"	3'-0"	2'-3"	1'-9"	3'-3"	2'-6"	2'-0"	1'-9"	3'-0"	2'-3"	2'-0"	1'-6"	2'-9"	2'-3"
#4	3'-3"	2'-9"	5'-0"	3'-9"	3'-0"	2'-3"	4'-3"	3'-3"	2'-9"	2'-3"	3'-9"	3'-0"	2'-6"	3'-6"	2'-9"	2'-3"
#5	4'-3"	3'-3"	6'-0"	4'-9"	3'-6"	2'-9"	5'-3"	4'-3"	3'-3"	2'-6"	4'-9"	3'-9"	3'-0"	2'-3"	4'-3"	3'-6"
#6	5'-0"	3'-9"	7'-3"	5'-6"	4'-3"	3'-3"	6'-3"	5'-0"	3'-9"	3'-0"	5'-9"	4'-6"	3'-6"	2'-9"	5'-3"	4'-0"
#7	7'-0"	5'-6"	10'-6"	8'-0"	6'-0"	4'-9"	9'-0"	7'-0"	5'-6"	4'-3"	8'-0"	6'-3"	5'-0"	4'-0"	7'-6"	5'-9"
#8	8'-0"	6'-3"	11'-9"	9'-3"	7'-0"	5'-6"	10'-3"	8'-0"	6'-3"	4'-9"	9'-3"	7'-3"	5'-9"	4'-6"	8'-6"	6'-6"
#9	9'-0"	7'-0"	13'-3"	10'-3"	7'-9"	6'-0"	11'-6"	9'-0"	7'-0"	5'-6"	10'-6"	8'-0"	6'-6"	5'-0"	9'-6"	7'-3"
#10	10'-0"	7'-9"	15'-0"	11'-6"	8'-9"	6'-9"	13'-0"	10'-0"	7'-9"	6'-0"	11'-9"	9'-0"	7'-3"	5'-6"	10'-9"	8'-3"
#11	11'-3"	8'-9"	16'-6"	12'-9"	9'-9"	7'-6"	14'-6"	11'-3"	8'-9"	6'-9"	13'-0"	10'-0"	8'-0"	6'-3"	11'-9"	9'-3"

Case #1: For beams and columns, concrete cover greater than or equal to bar diameter, bar spacing greater than or equal to 2 times bar diameter, and ties as specified on the drawings. For other members, concrete cover greater than or equal to bar diameter and bar spacing greater than or equal to 3 times bar diameter.

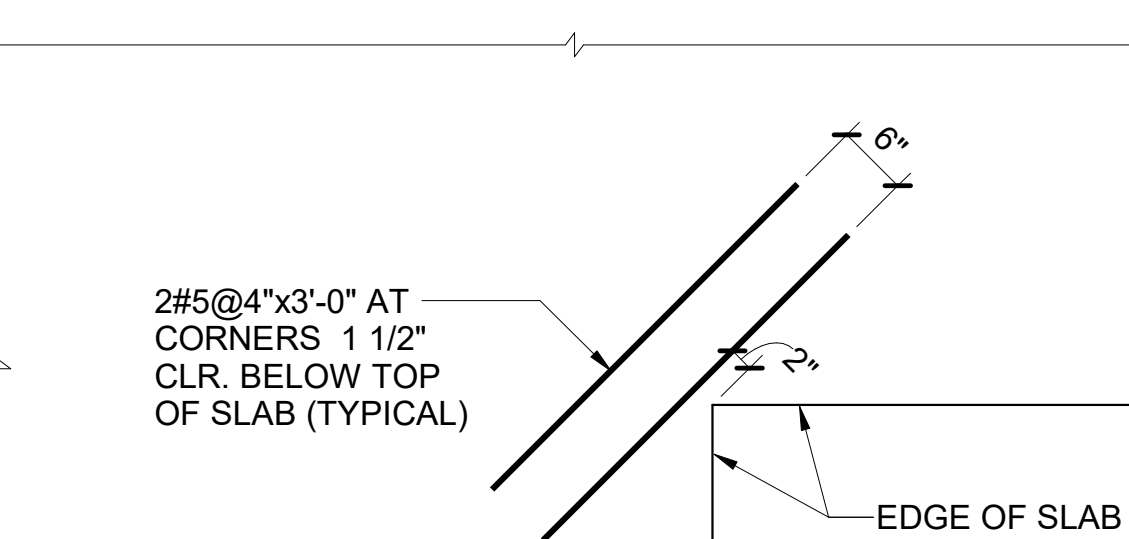
Case #2: For beams and columns, concrete cover less than bar diameter and bar spacing less than 2 bar diameters. For other members, concrete cover less than bar diameter and bar spacing less than 3 times bar diameter.

Top bars are horizontal reinforcement with more than 12" of fresh concrete placed below the splice.

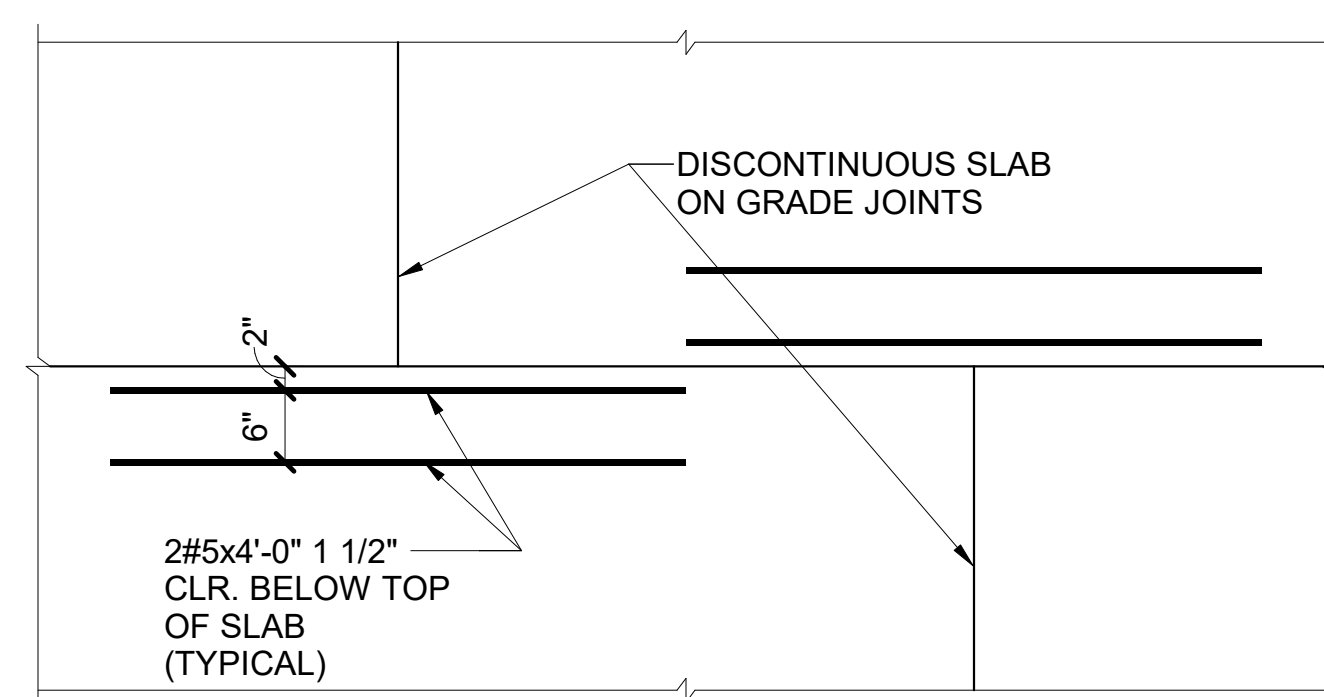
Where indicated on the drawings, class "A" lap splice lengths may be calculated by dividing tabulated values by 1.3.

As contractor's alternate, class "B" splice lengths may be calculated by the steel reinforcement detailer in accordance with ACI 318 and submitted for review.

Tension couplers may be used and installed in accordance with manufacturer's recommendations and shall be capable of developing 125% of the reinforcing steel ASTM specified minimum yield strength.



## AT RE-ENTRANT CORNERS

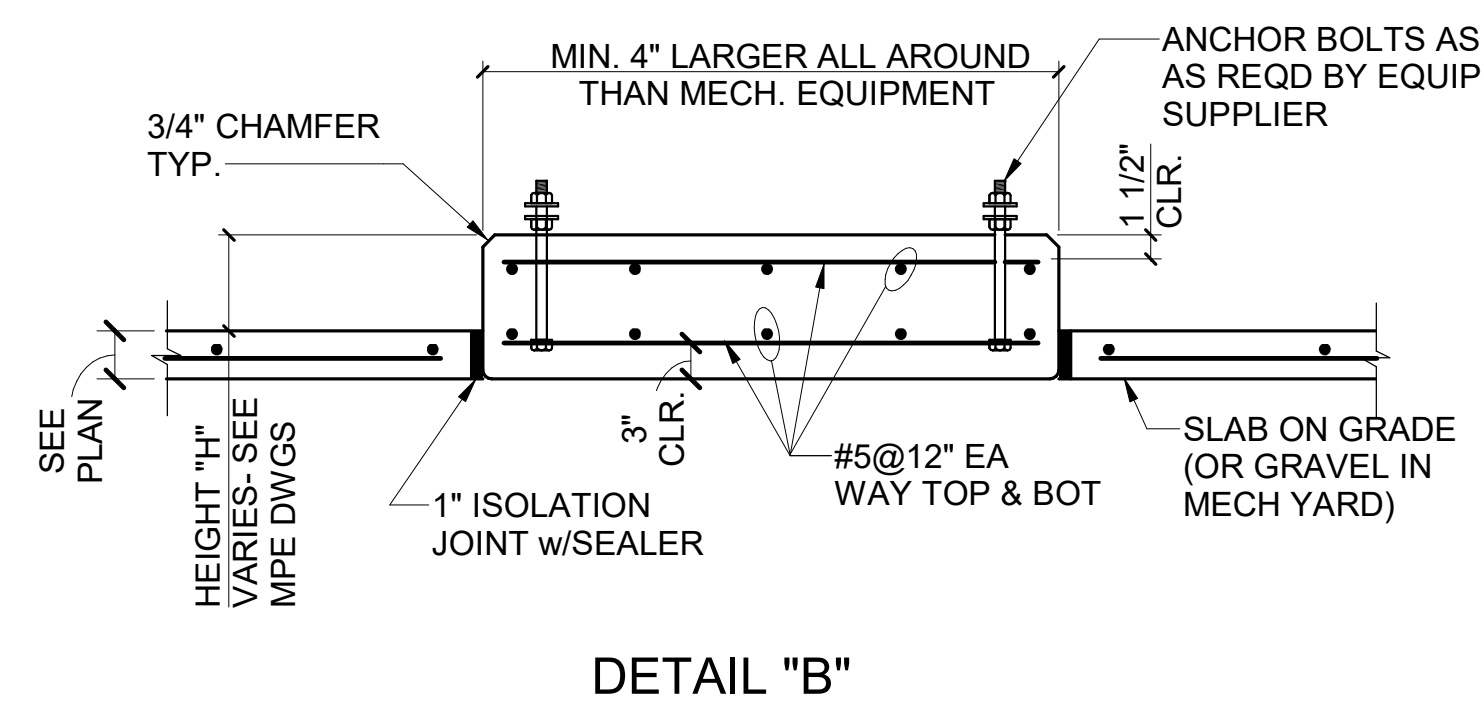


## DISCONTINUOUS JOINTS

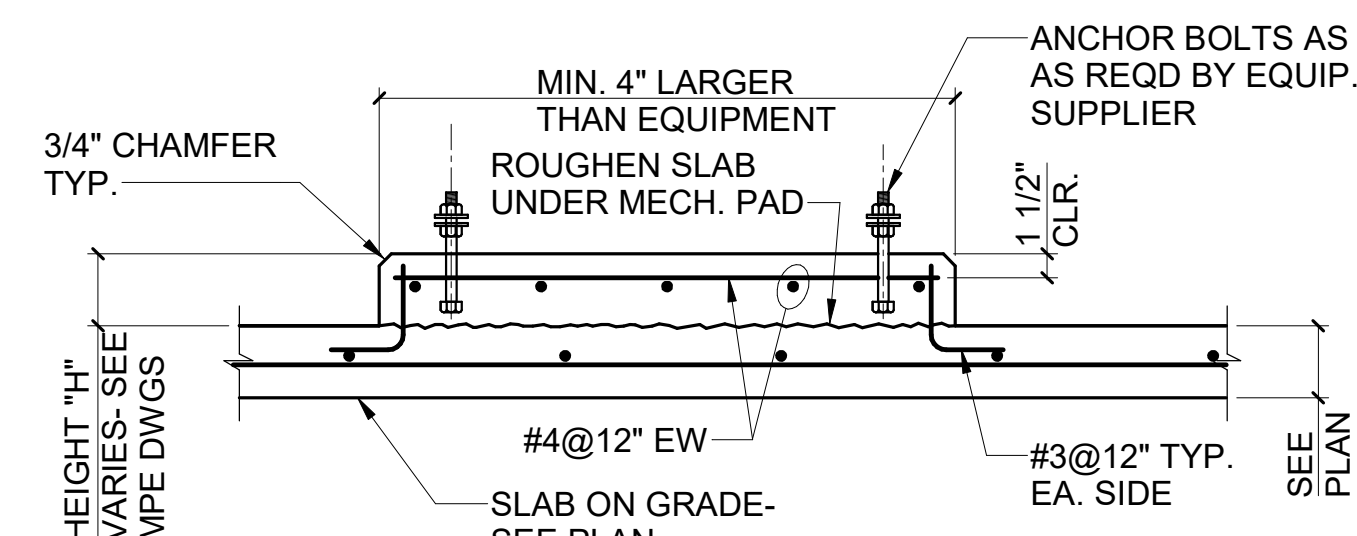
## 4 TYPICAL ADDITIONAL SLAB REINFORCEMENT

## NOTES:

- PAD AND CURB DETAILS DEPICTED ABOVE SHALL APPLY UNLESS NOTED OTHERWISE IN THE CONTRACT DOCUMENTS. THE HEIGHT 'H' OF MECHANICAL EQUIPMENT PADS SHALL BE COORDINATED WITH THE MPE DRAWINGS.
- THE CONTRACTOR SHALL PROVIDE CONCRETE PADS ADEQUATE FOR THE SUPPORT OF THE MPE EQUIPMENT. EXACT SIZES, LOCATIONS, HEIGHTS, AND ANY SPECIAL DETAILS FOR THE PADS SHALL BE OBTAINED FROM THE VENDORS BEFORE INSTALLATION OF THE PADS. PADS SHALL BE INSTALLED IN ACCORDANCE WITH THE EQUIPMENT STANDARDS. ALL EMBEDDED ITEMS SHALL BE COORDINATED WITH THE EQUIPMENT SUPPLIER. THE PADS SHALL RECEIVE A SMOOTH TROWELED FINISH.
- DETAIL 'A'-FOR USE UNDER ALL EQUIPMENT SUPPORTED ON SLABS-ON-GRADE.
- DETAIL 'B'-FOR USE UNDER ALL EQUIPMENT WEIGHING OVER 2000 POUNDS SUPPORTED ON SLABS-ON-GRADE (ISOLATED).

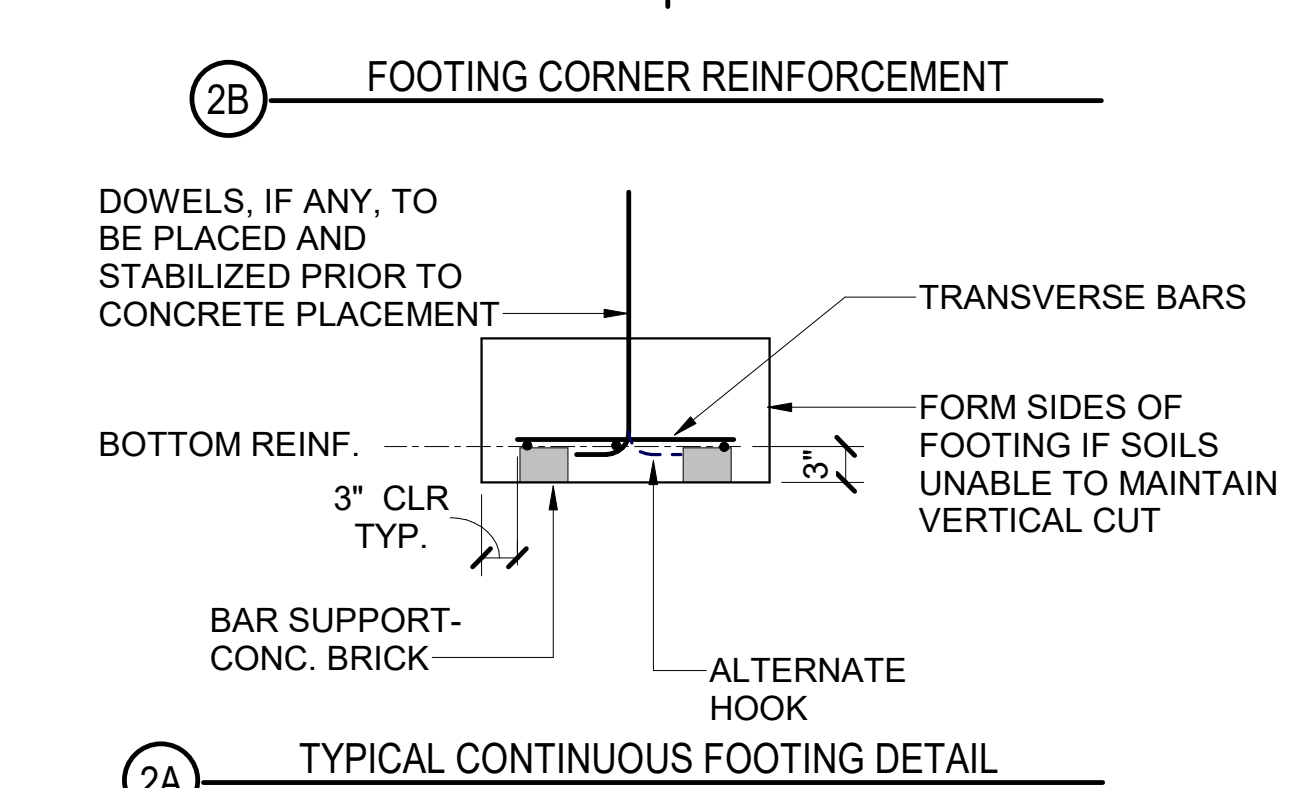
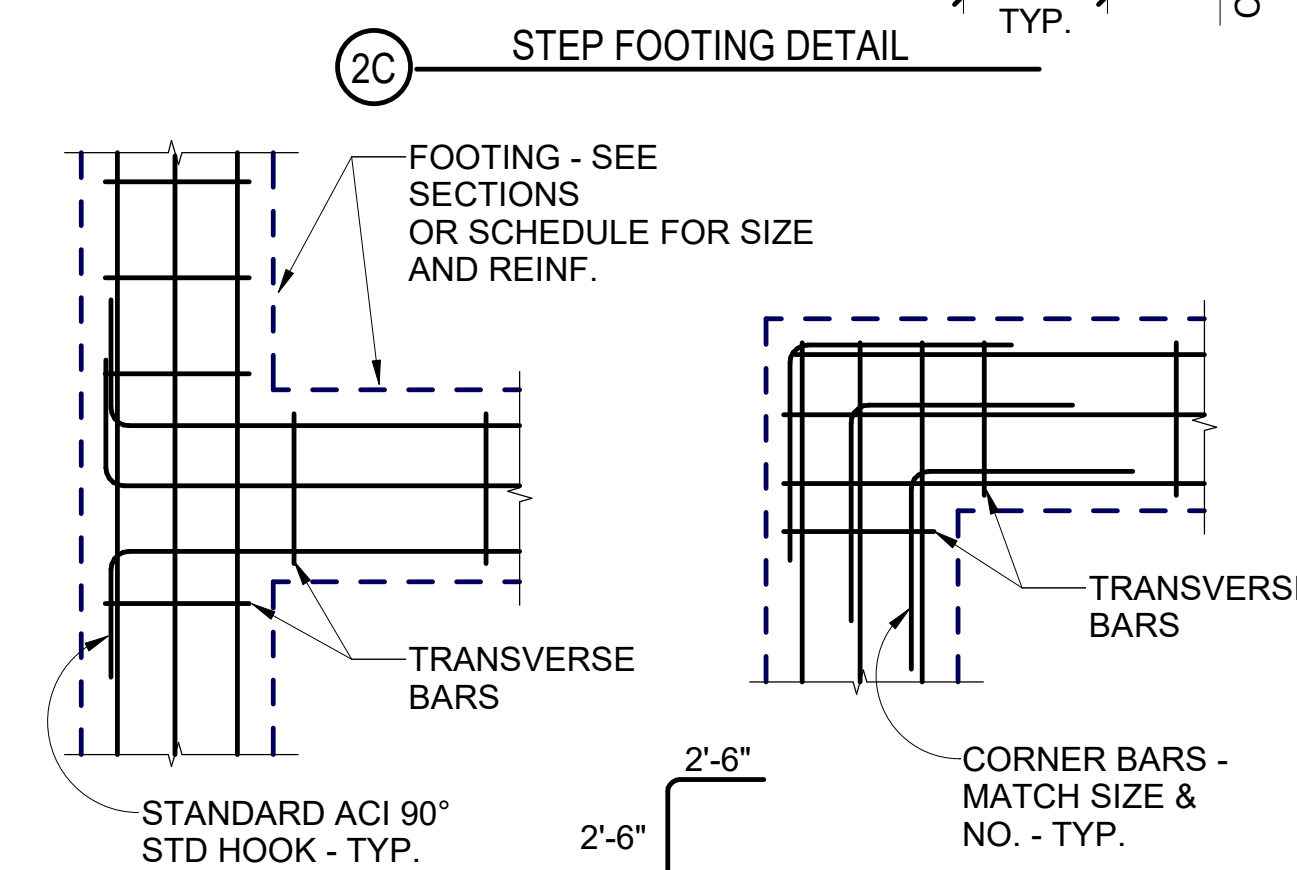
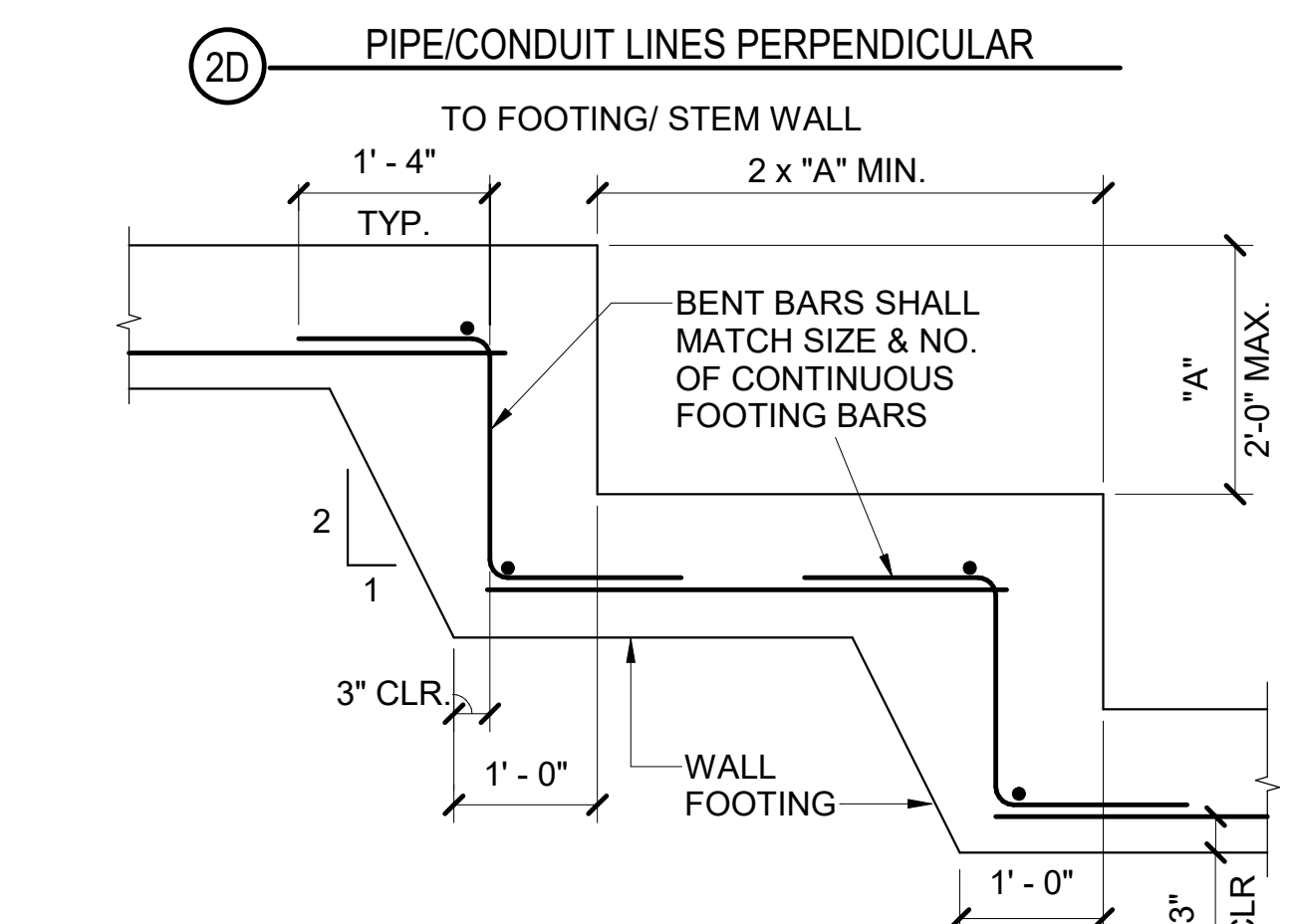
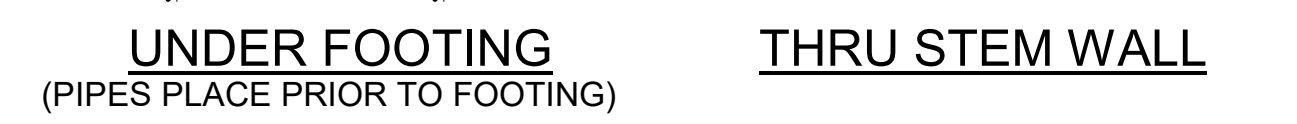
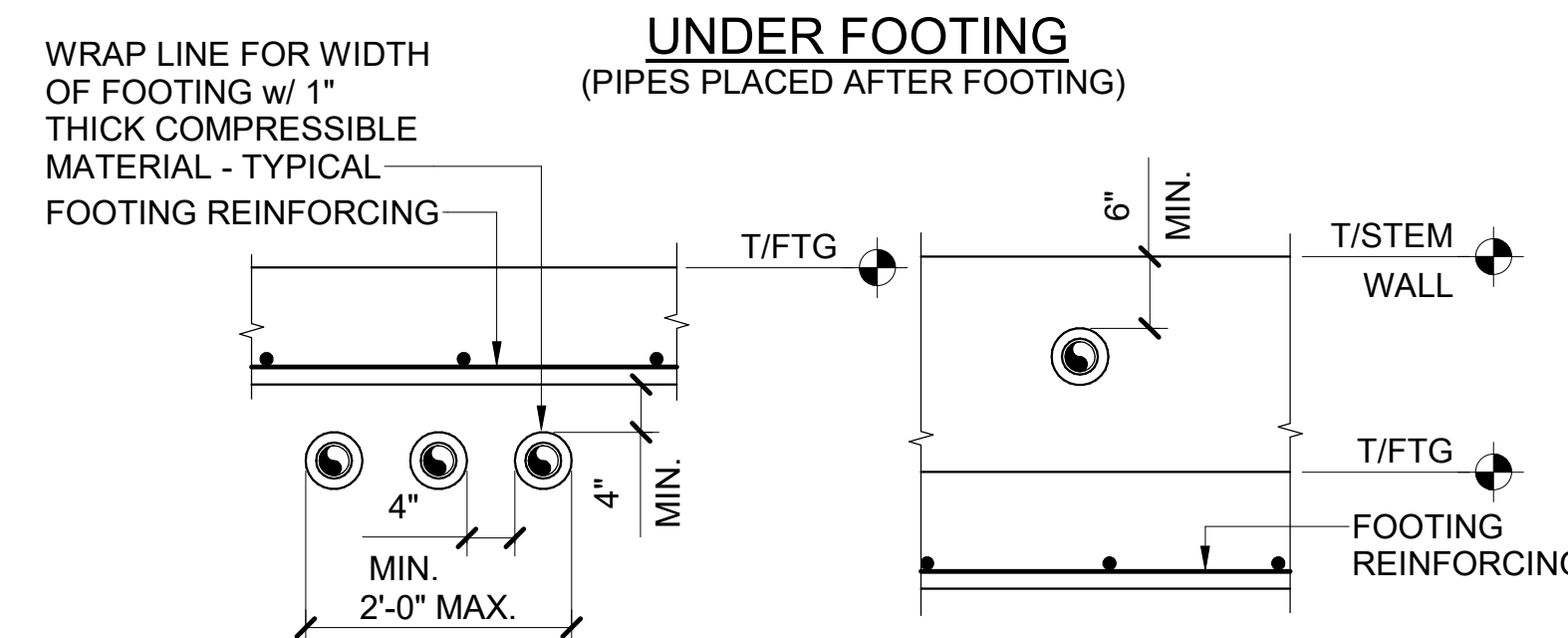
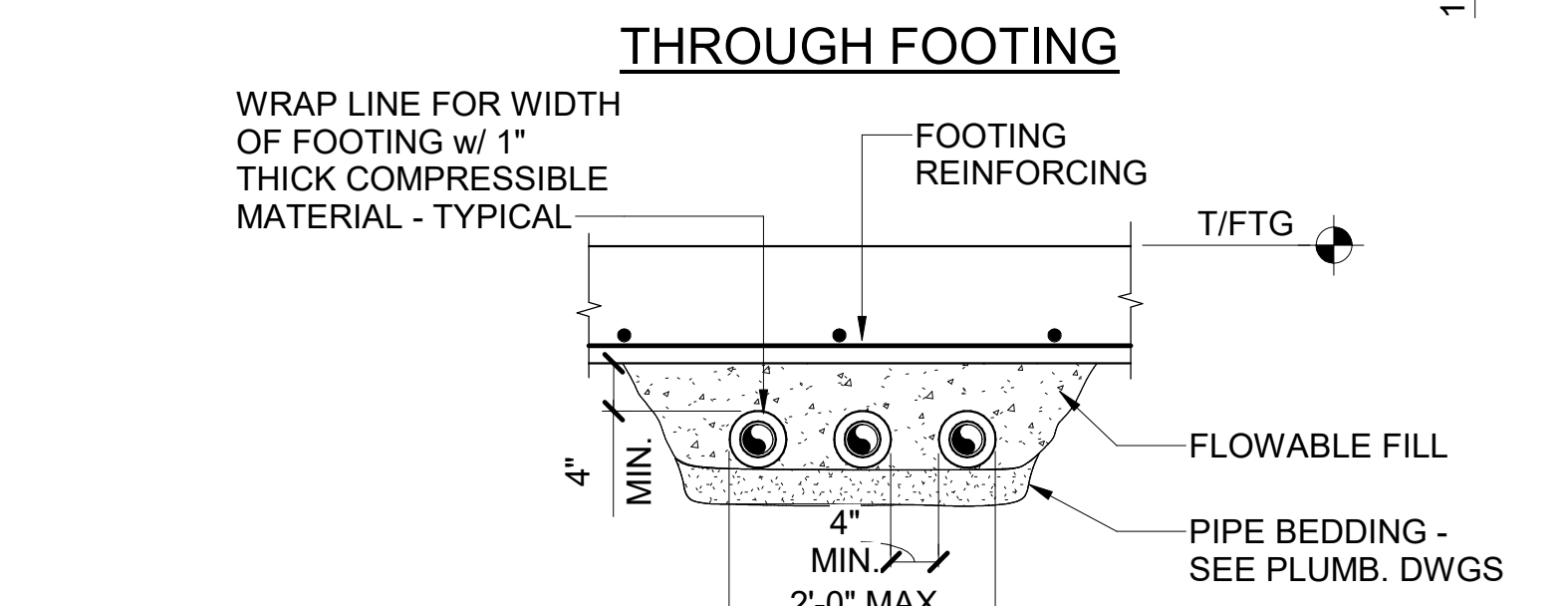
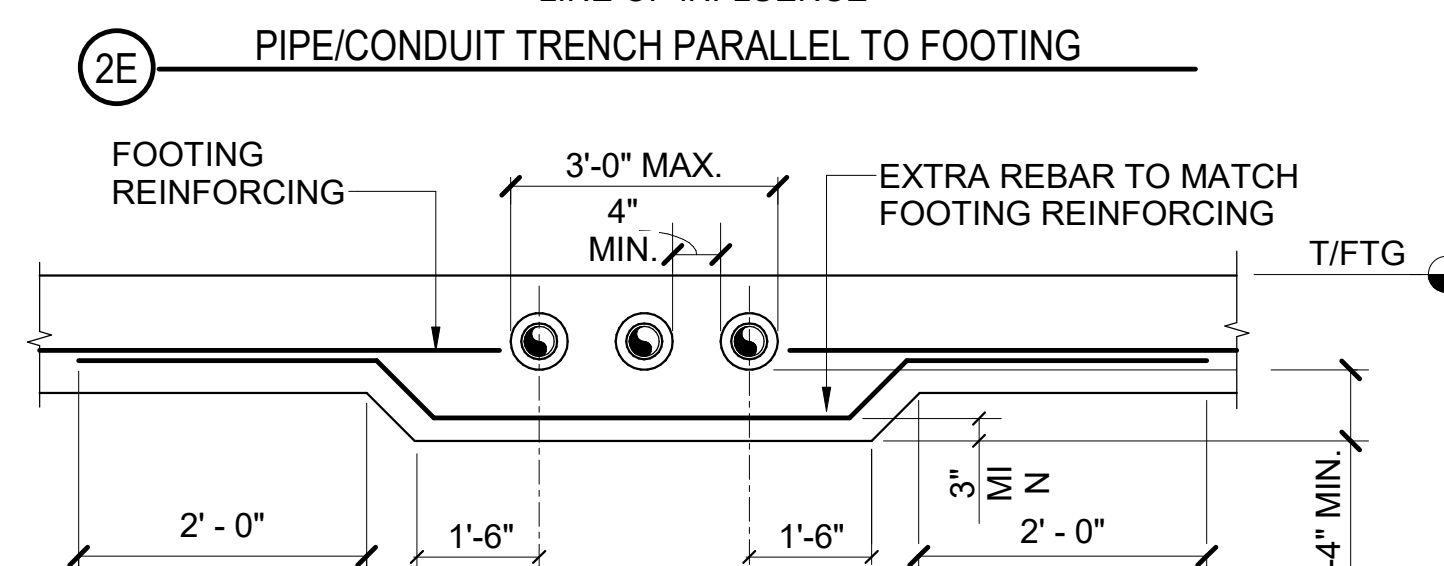
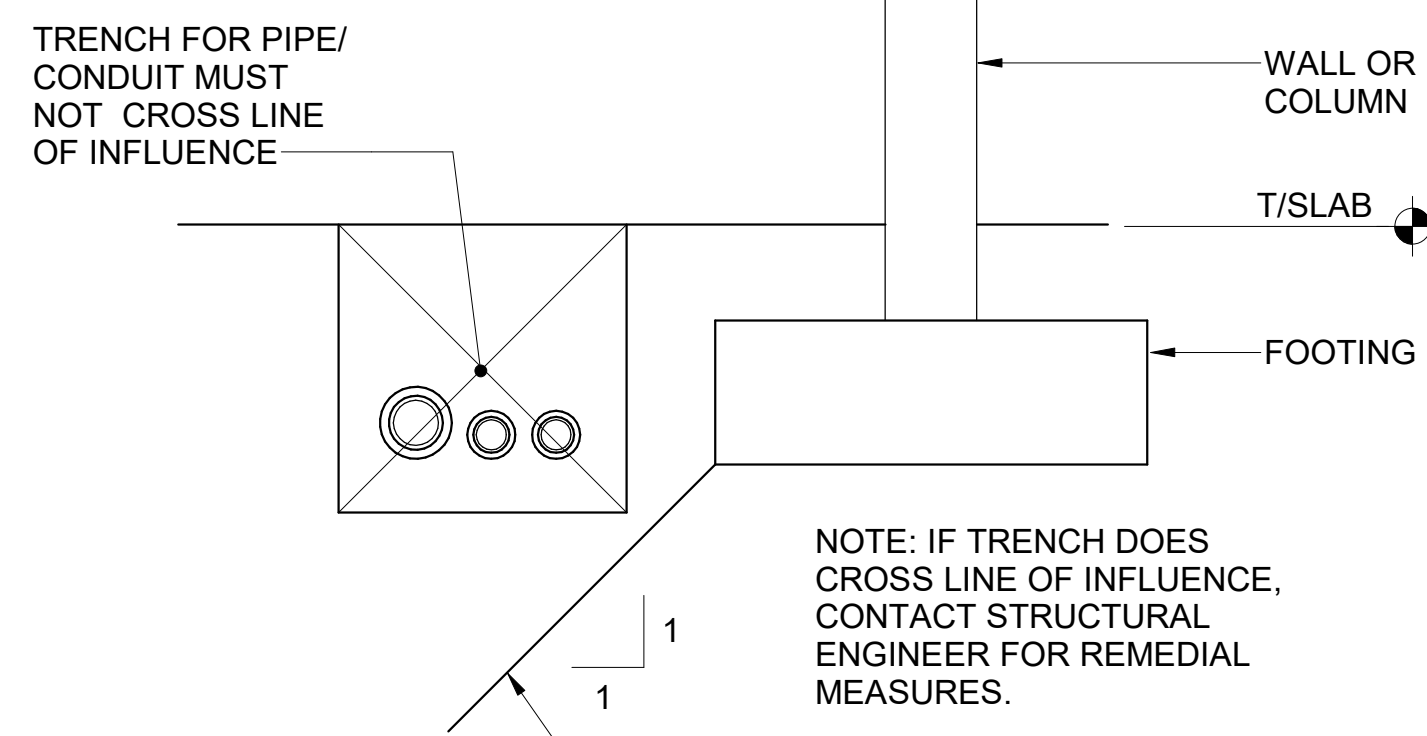


## DETAIL "B"



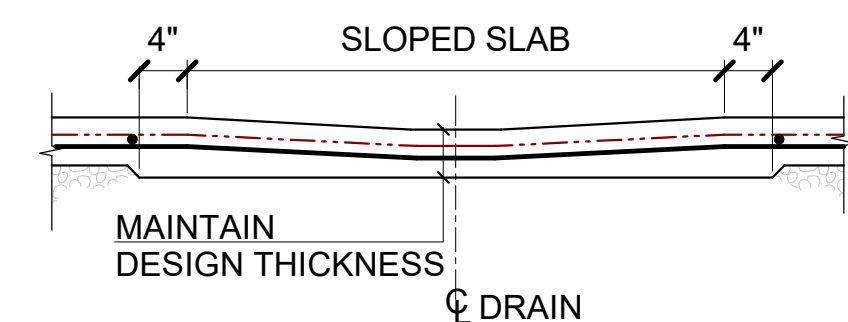
## DETAIL "A"

## 3 EQUIPMENT PADS DETAILS AT SLAB ON GRADE

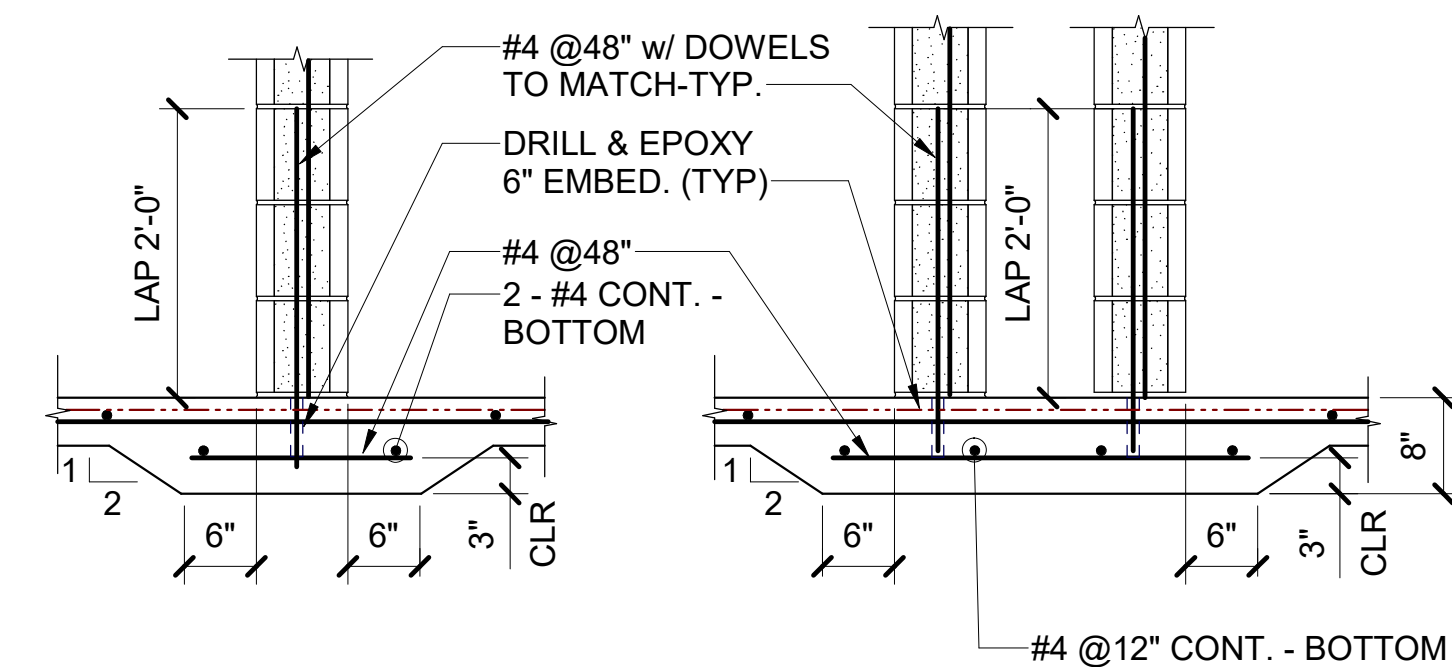


## 2 TYPICAL FOOTING DETAILS

## 1J SECTION AT ROLL-UP DOOR



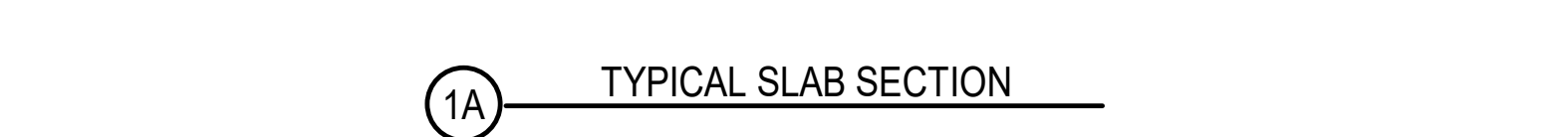
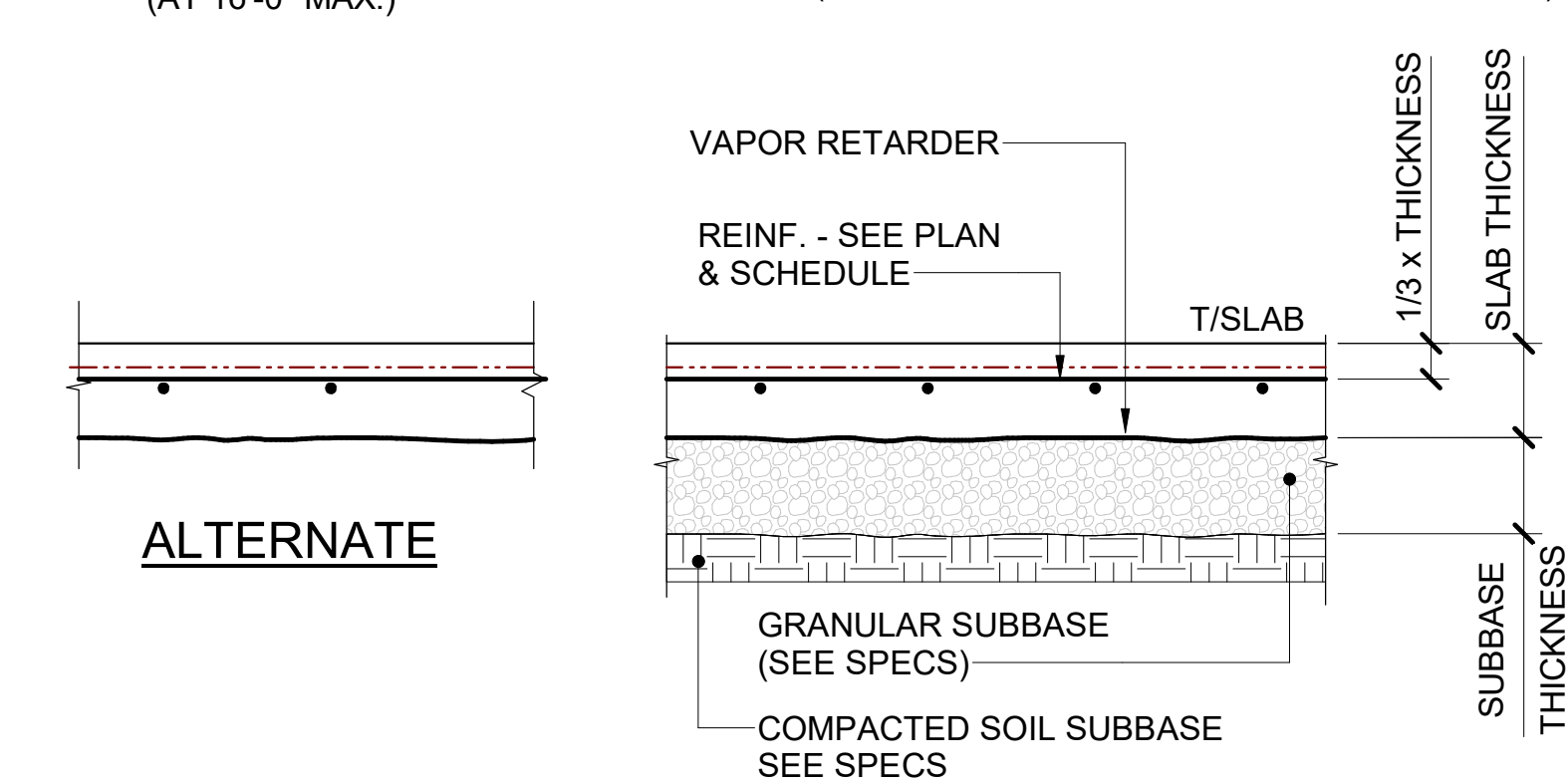
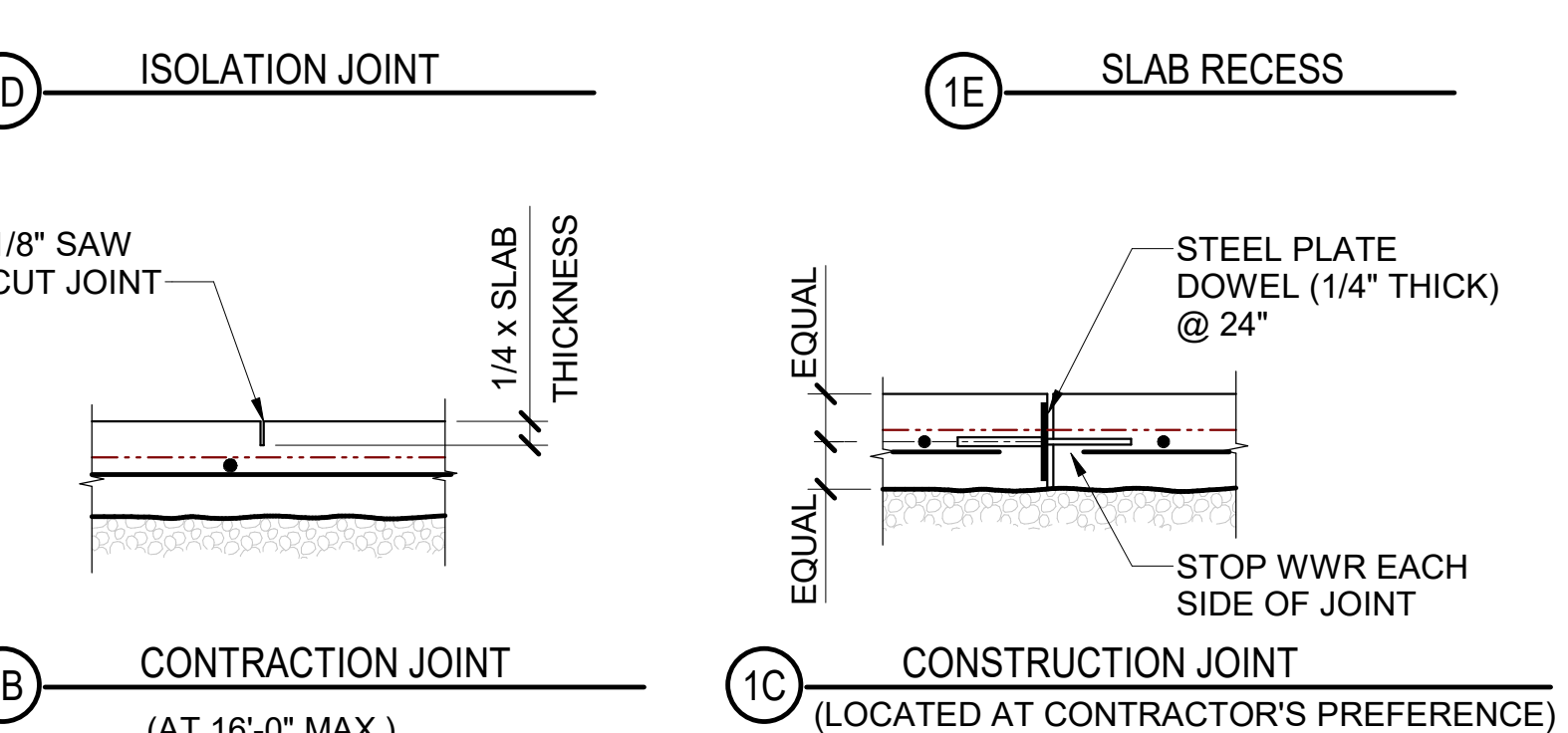
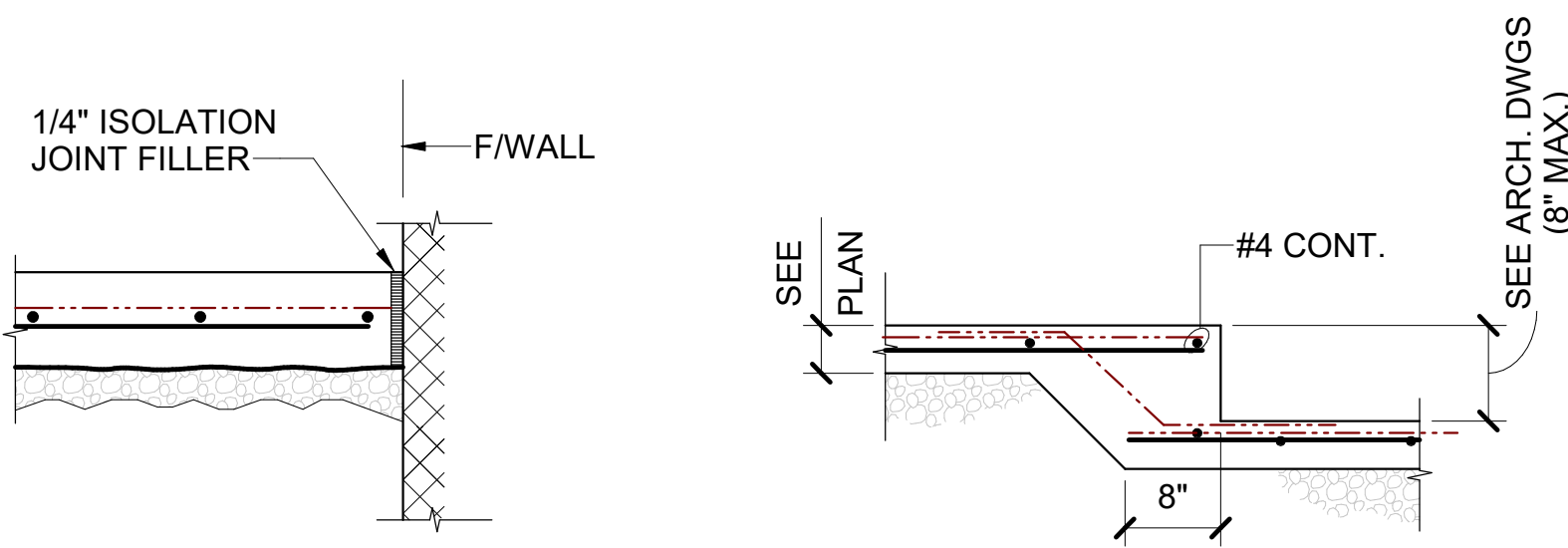
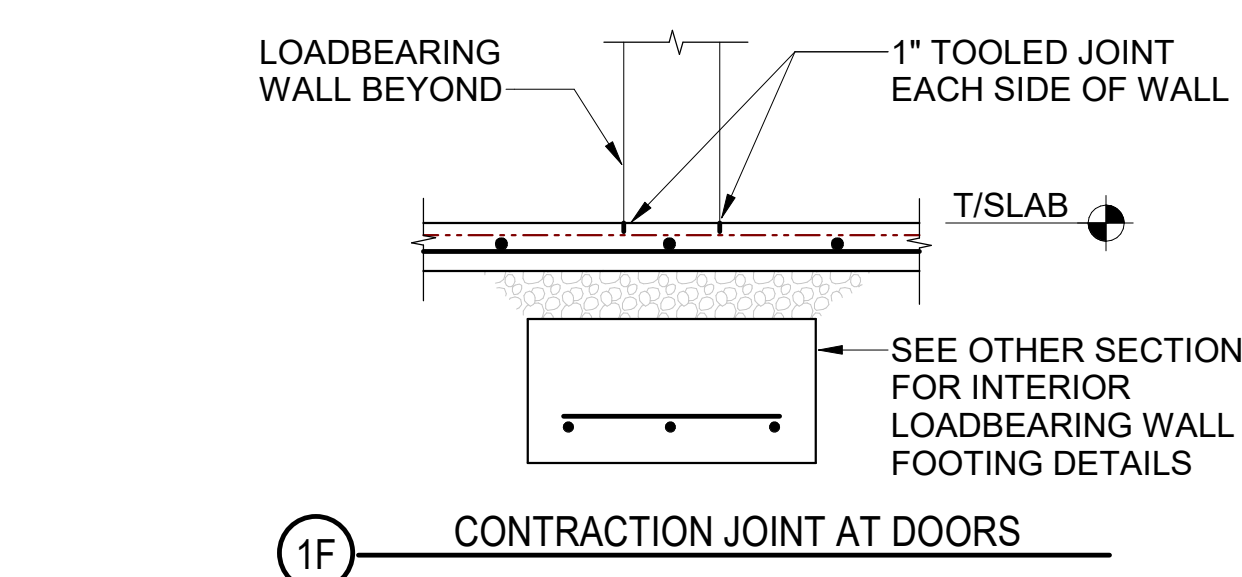
## 1H SLOPED SLAB AT FLOOR DRAIN



## AT CONTINUOUS SLAB

## AT DOUBLE WALL

## 1G THICKENED SLAB AT NON-LOADBEARING CMU WALLS



## 1 TYPICAL SLAB-ON-GRADE DETAILS



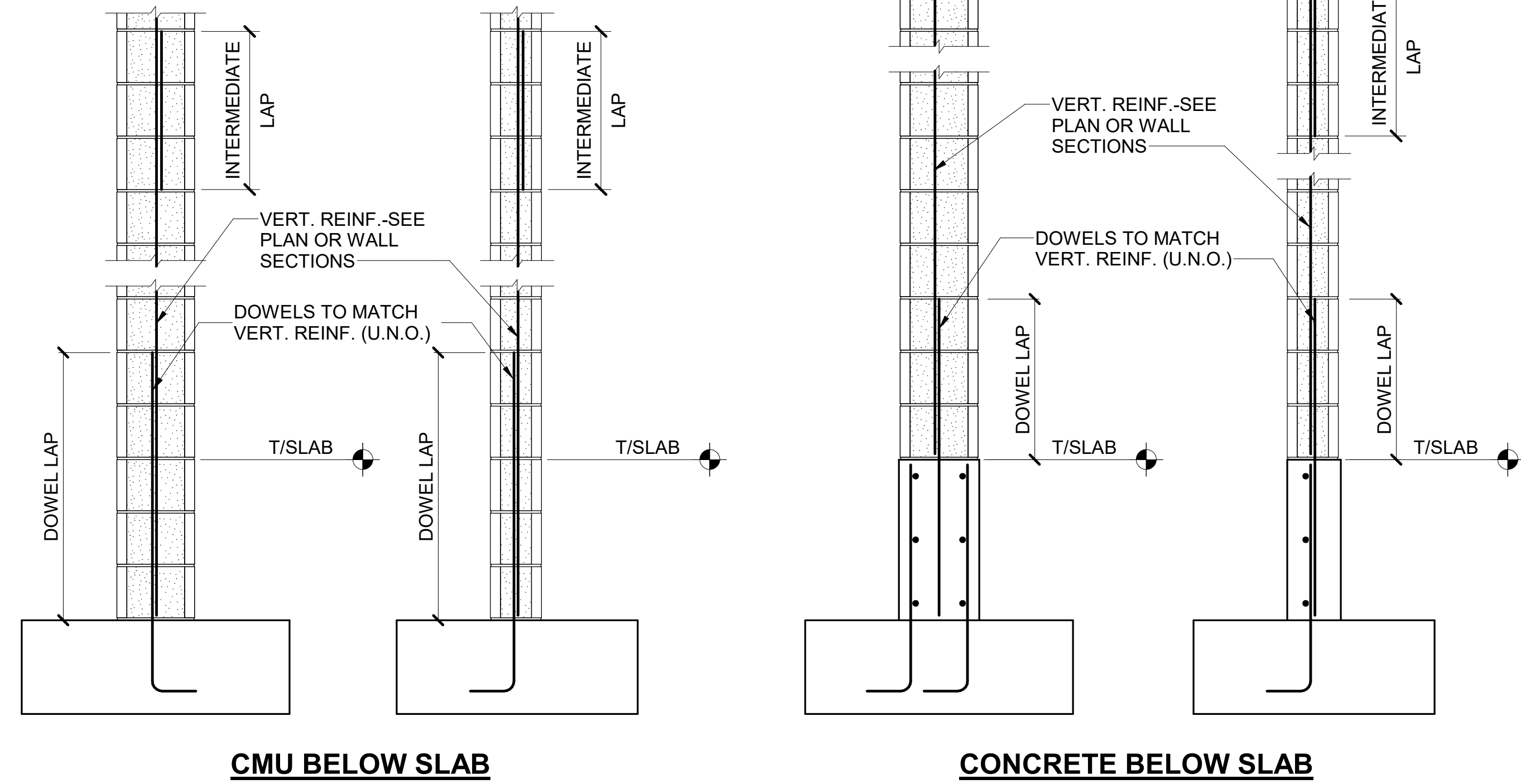
**BASE PLATE & ANCHOR ROD SCHEDULE**



CMU LAP SPLICE SCHEDULE						
BAR SIZE	LAP LENGTH					
	DOWEL		INTERMEDIATE			
	C	F	8" CMU		12" CMU	
#4	16"	16"	24"	24"	24"	24"
#5	16"	24"	24"	24"	24"	24"
#6	24"	48"	40"	48"	26"	48"
#7	24"	60"	54"	60"	36"	60"
#8	32"	90"	80"	90"	52"	90"
#9	32"	114"	104"	114"	64"	114"

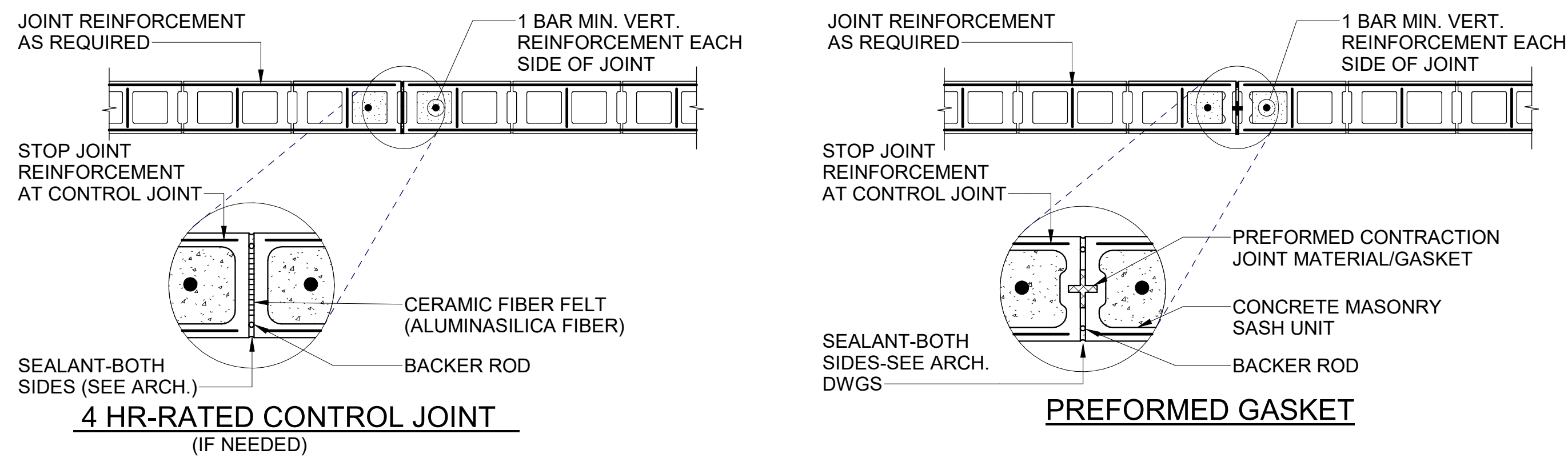
**NOTE:**  
C = BAR LAP FOR CENTERED REINF.  
F = BAR LAP FOR FACE REINF.  
F'm = 2,000 psi (MINIMUM)

**NOTE:**  
IF BARS ARE DETAILED AS "OFF-CENTER"  
IN DRAWINGS USE LAP LENGTHS IN  
SCHEDULE FOR FACE BARS "F"

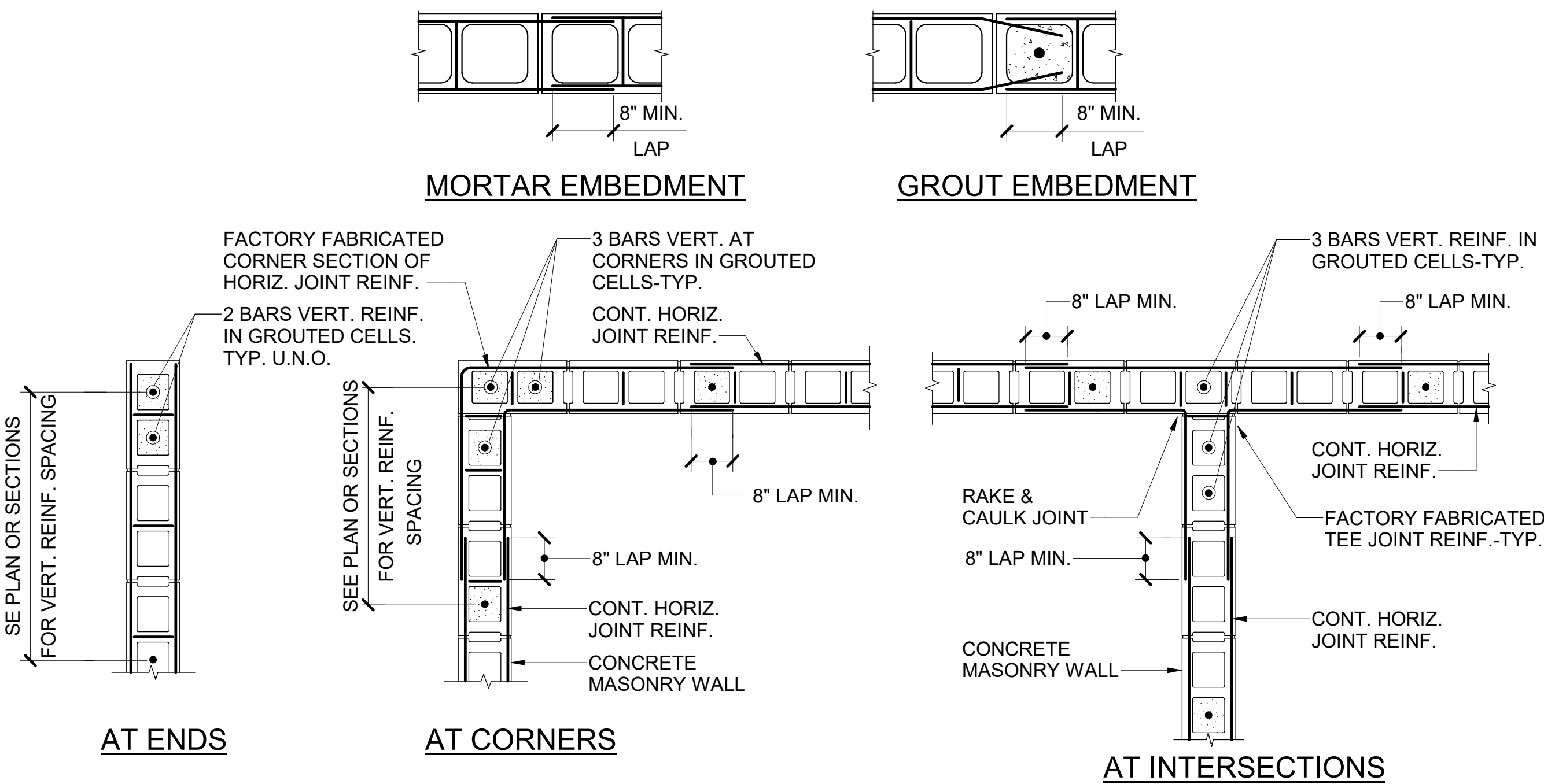


7 CMU REINFORCEMENT LAP SPLICE SCHEDULE

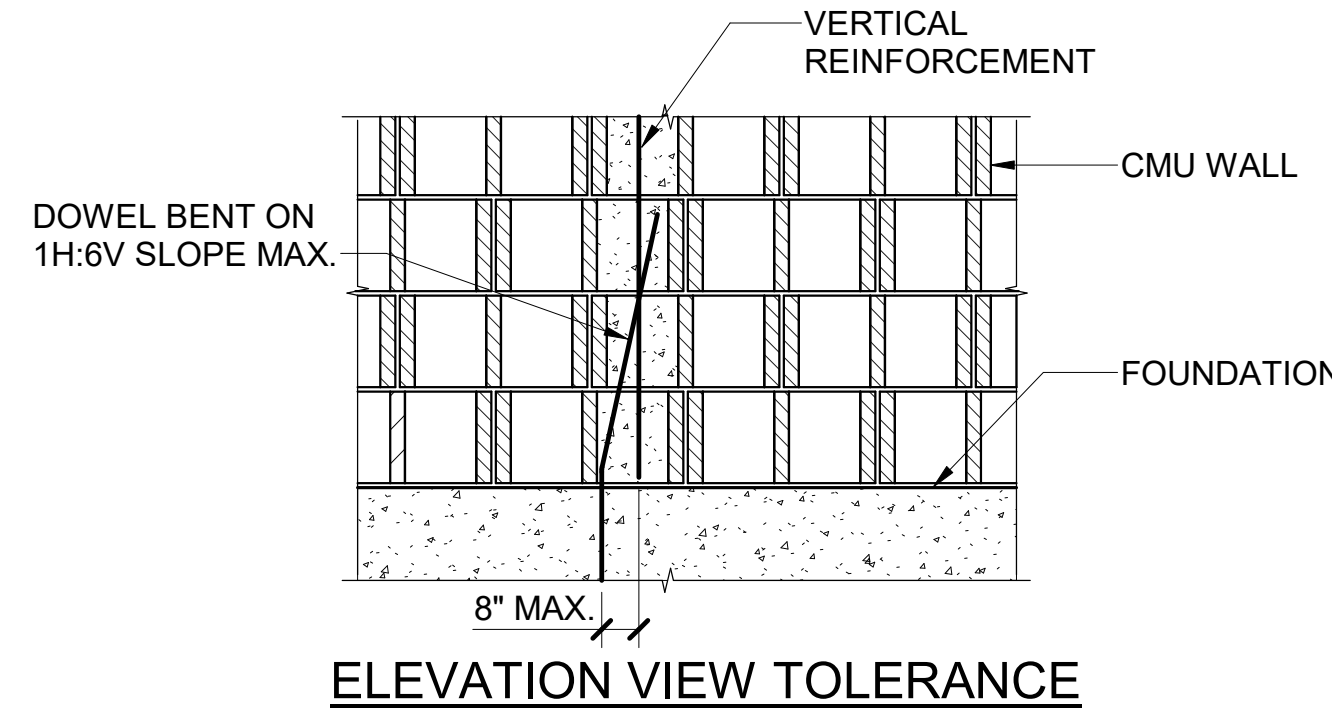
- NOTE:**
- SEE PLANS FOR LOCATION OF CONTRACTION JOINTS AND STRUCTURAL NOTES FOR MAX. SPACING.
  - LOCATE CONTRACTION JOINTS 2'-0" MINIMUM FROM SIDES OF OPENINGS.
  - CJ (CMU CONTRACTION JOINT) SHOWN ON PLANS INDICATES APPROXIMATE LOCATIONS OF CONTRACTION JOINTS. LOCATIONS ARE INTENDED TO COINCIDE WITH CMU COURSING. COORDINATE LOCATION OF JOINTS WITH ARCH. DWGS. SEE ARCH. DWGS FOR LOCATIONS OF BRICK JOINTS.
  - COORDINATE LOCATIONS w/ARCH. DWGS.
  - DO NOT CONSTRUCT CONTRACTION JOINT THROUGH BOND BEAM AT THE FOLLOWING LOCATIONS (TOP WALL, FLOOR LINE, AND ROOF LINE). INTERMEDIATE BOND BEAMS, IF PRESENT, SHALL START/STOP AT CONTROL JOINT LOCATIONS.



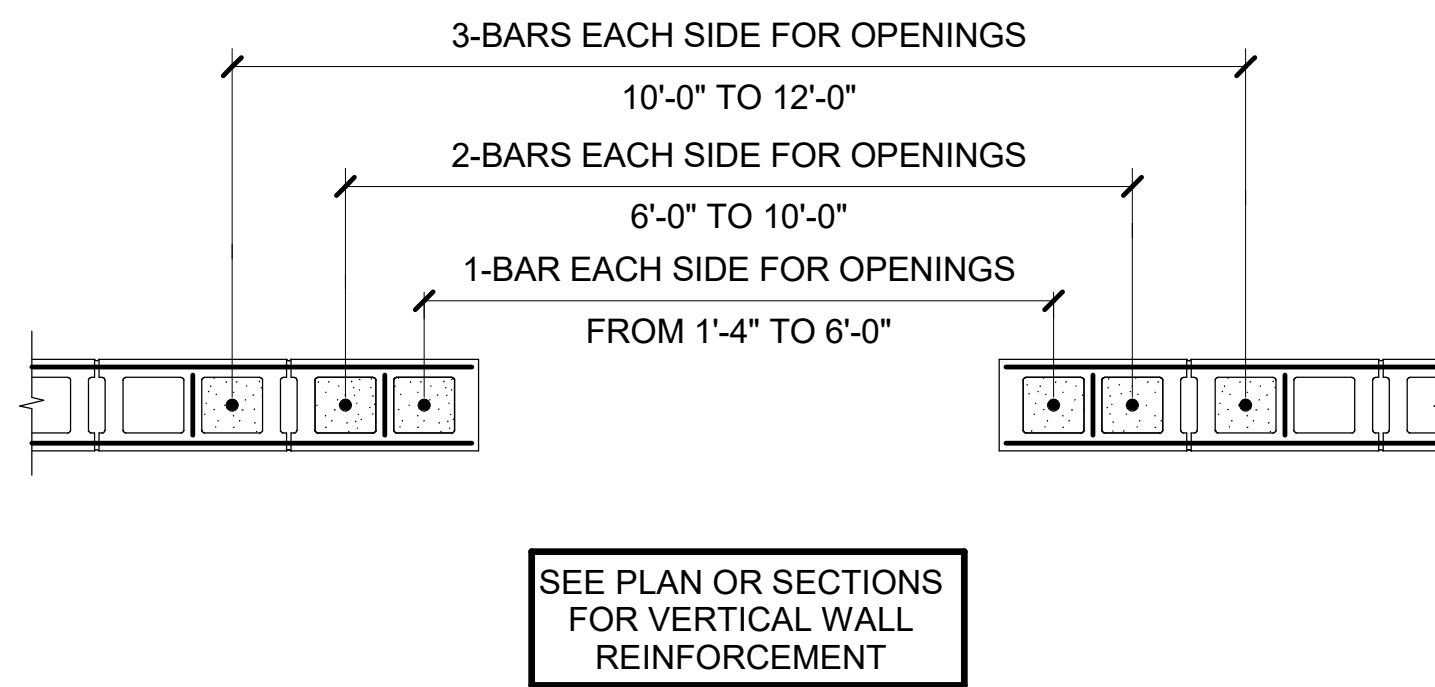
6 CMU WALL CONTRACTION/CONTROL JOINT DETAIL



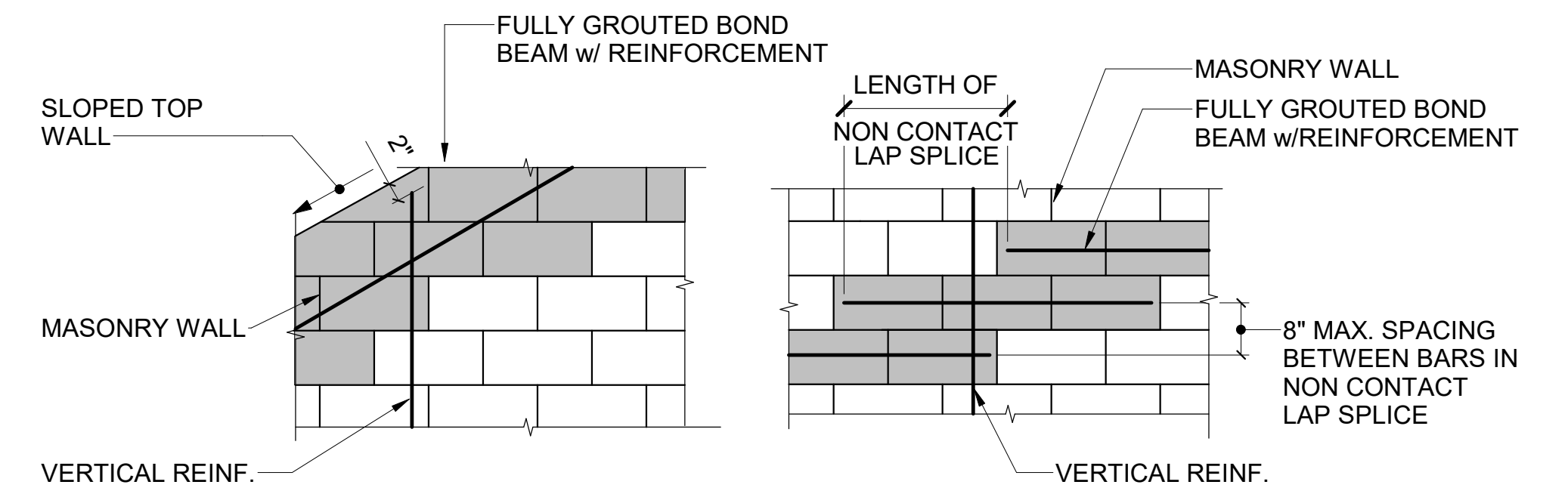
5 CMU WALL HORIZONTAL JOINT REINFORCEMENT DETAIL



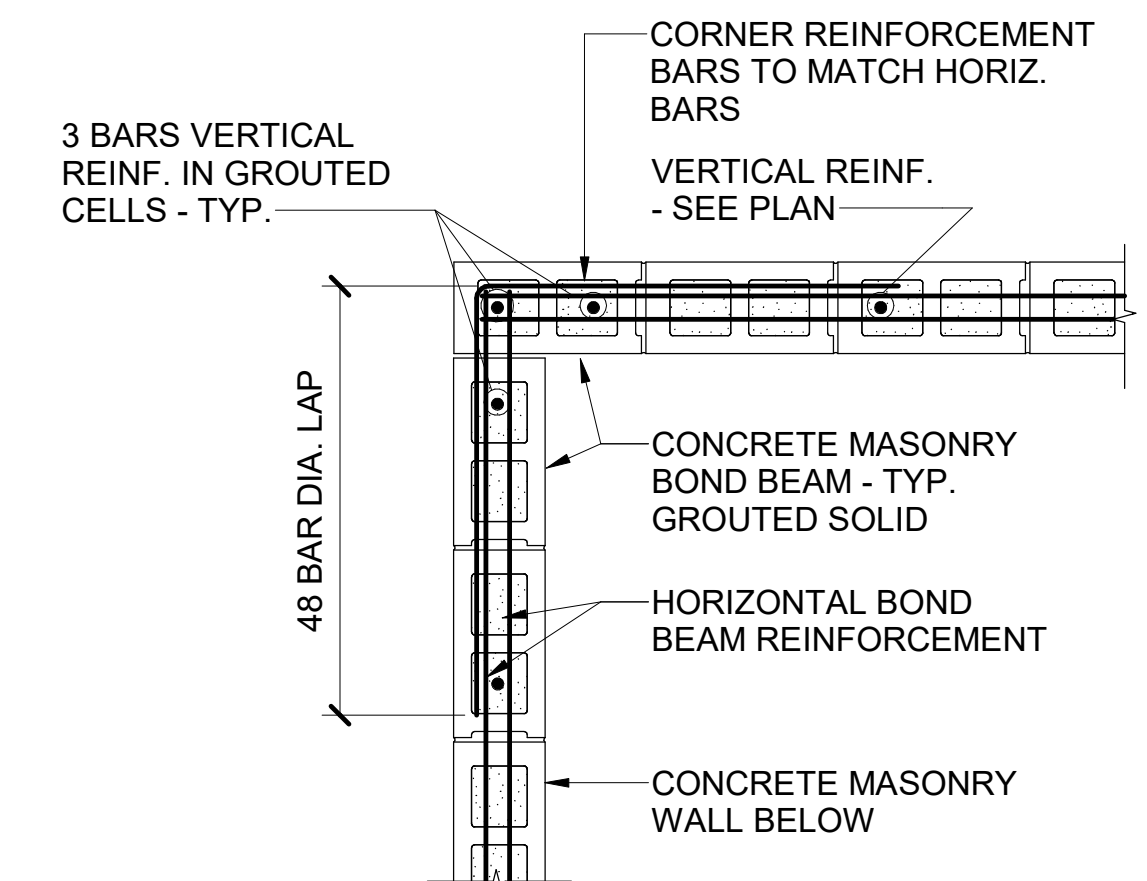
4 DOWEL-PERMITTED BENDING DETAIL



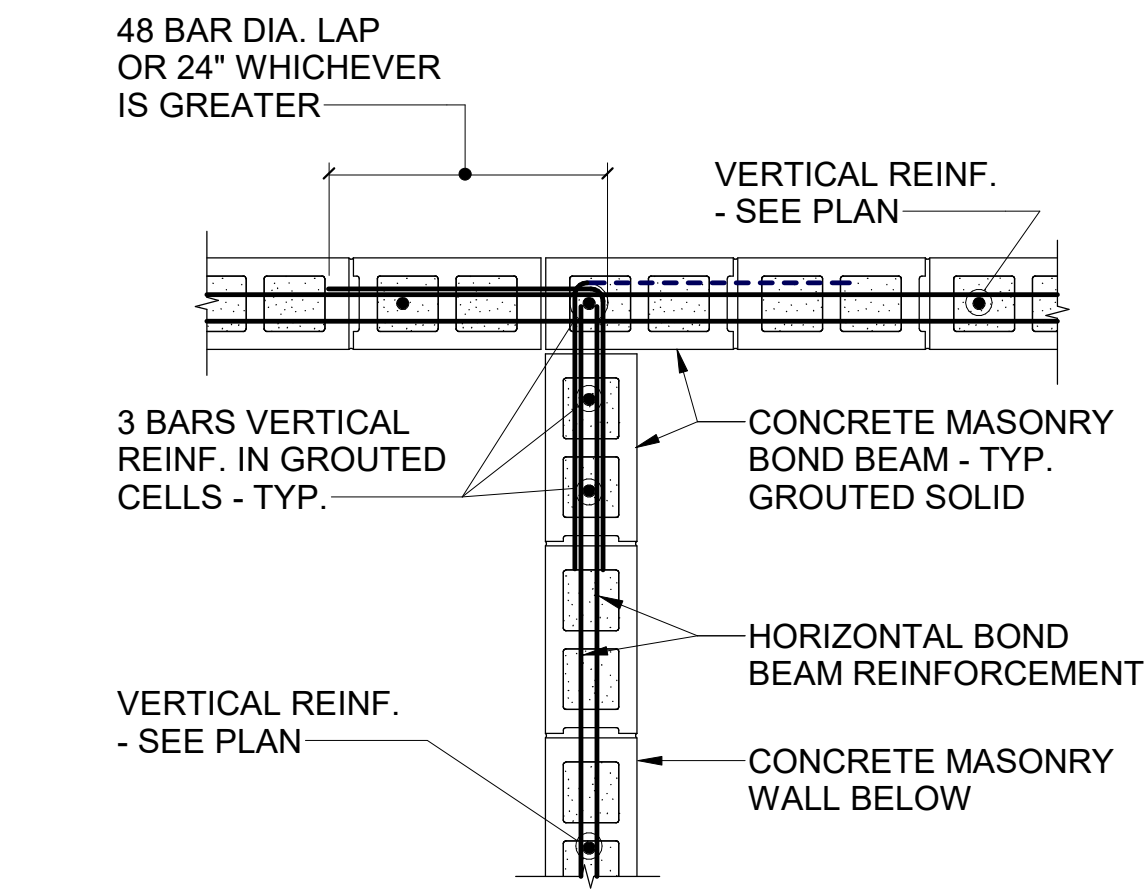
3 CMU WALL OPENING DETAIL



2 CMU BOND BEAM DETAILS

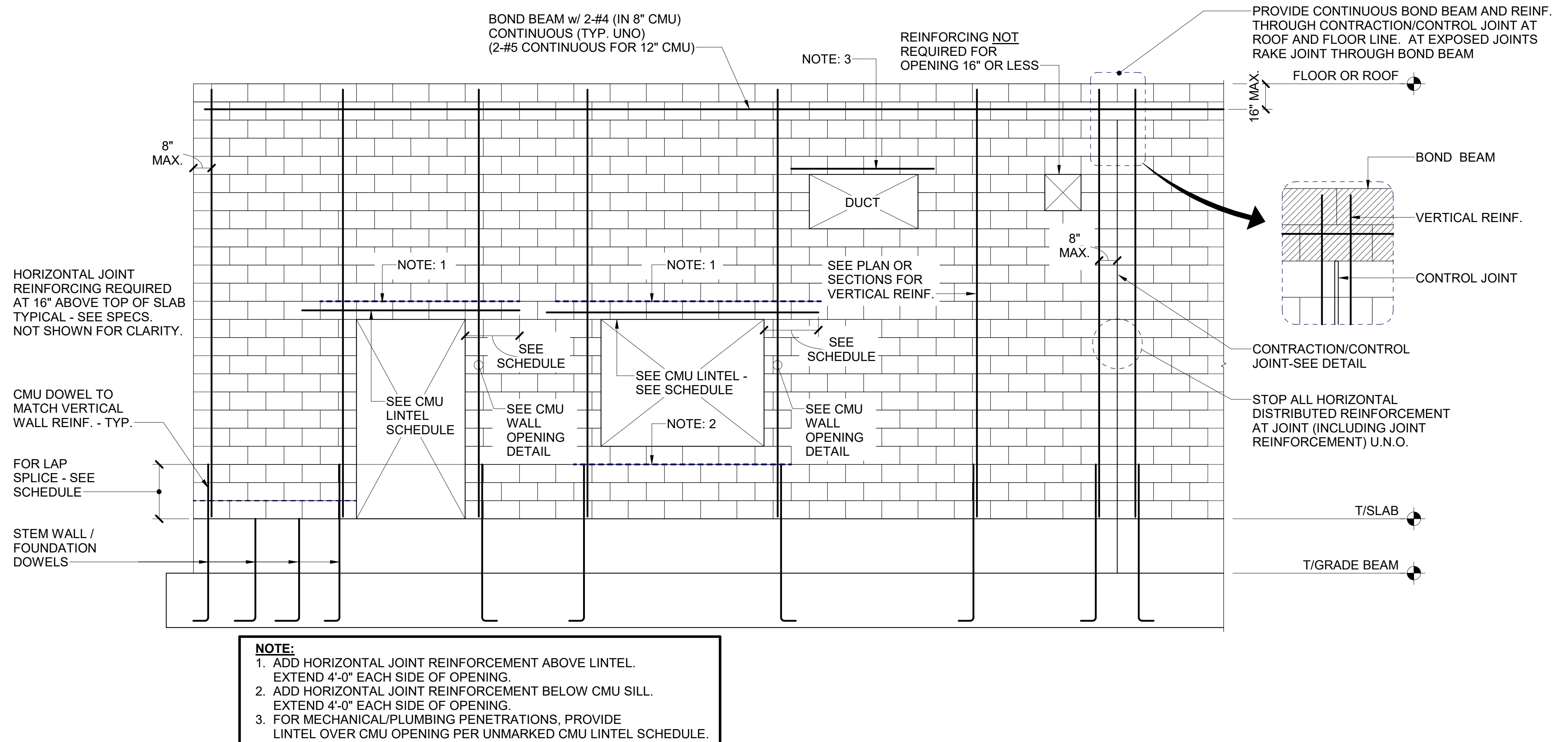


AT CORNERS



AT INTERSECTIONS

DOUBLE ROW REINFORCEMENT



1 TYPICAL CMU WALL REINFORCING ELEVATION



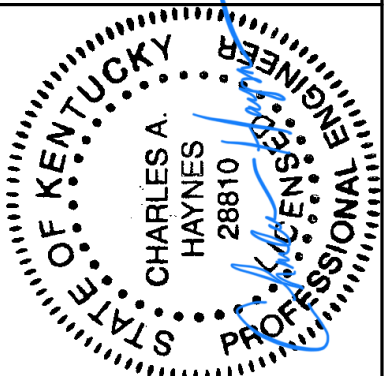
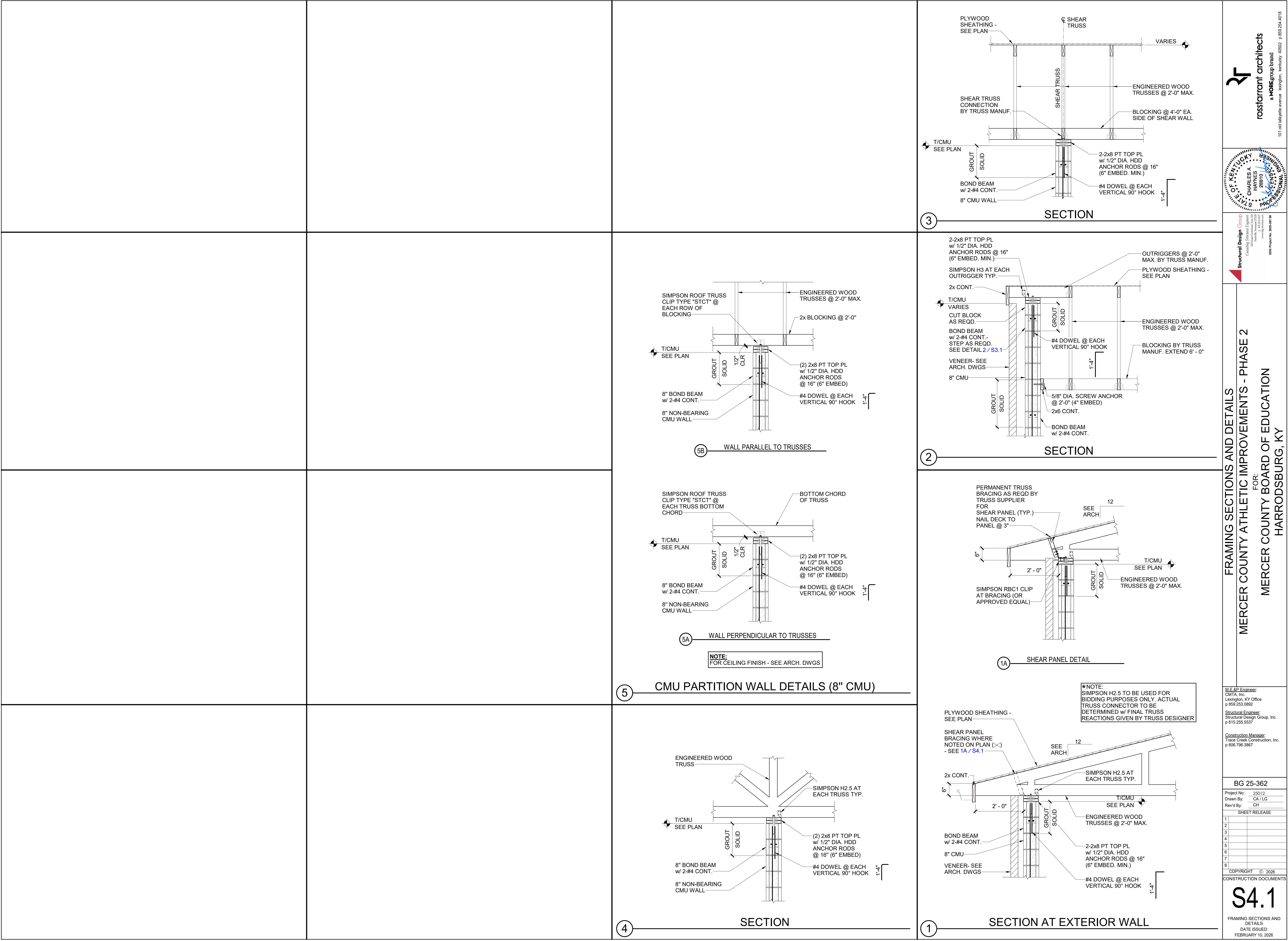
NOTE: 8" MIN. BEARING EACH END-TYP.  
STEEL EXPOSED TO ELEMENTS SHALL BE GALVANIZED.



**NOTE:**  
1. FILL CMU CORES AT LINTEL BEARING w/ 2500 psi COARSE GROUT. REINFORCE JAMBS w/ FULL HEIGHT REINFORCING PER CMU WALL OPENING DETAIL.

NOTE: 8" MIN. BEARING EACH END-TYP.





Structural Design Group  
Civil/Structural Engineers  
220 East Oakland, Suite 100  
Lexington, KY 40502-1001  
Phone: 859.255.5537  
Fax: 859.255.5537  
SDB Project No.: 2025-362-01

FRAMING SECTIONS AND DETAILS  
MERCER COUNTY ATHLETIC IMPROVEMENTS - PHASE 2  
FOR:  
MERCER COUNTY BOARD OF EDUCATION  
HARRODSBURG, KY

M.E.P Engineer:  
CMTA, Inc.  
Lexington, KY Office  
p 859.255.0892  
Structural Engineer:  
Structural Design Group, Inc.  
p 815.255.5537  
Construction Manager:  
Trazz Creek Construction, Inc.  
p 606.796.3867

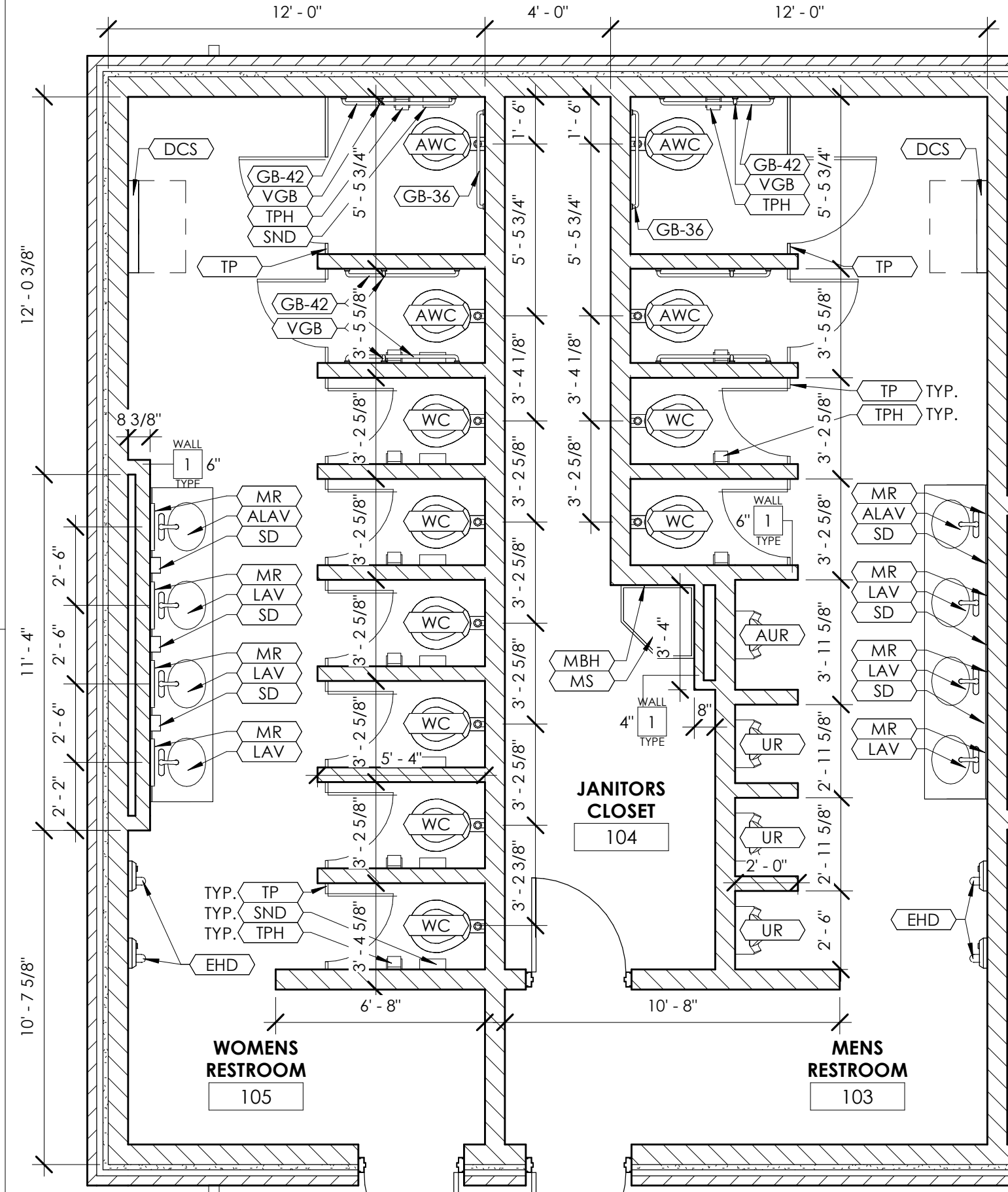
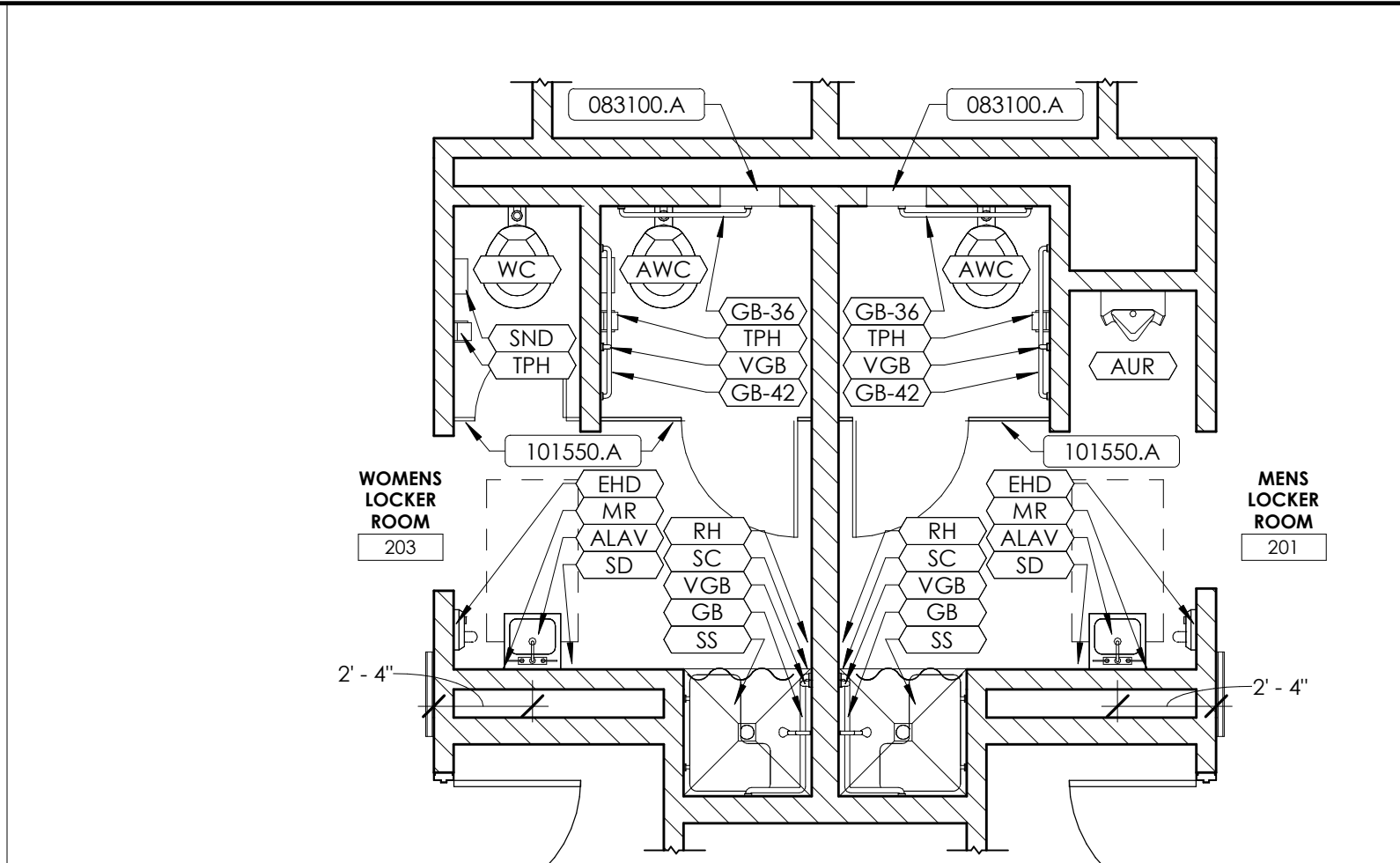
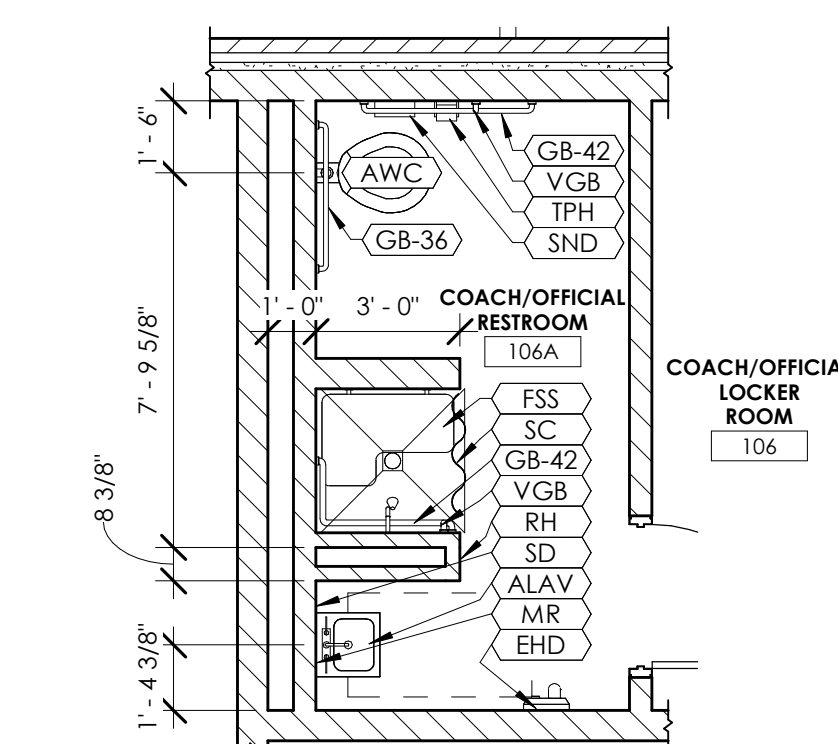
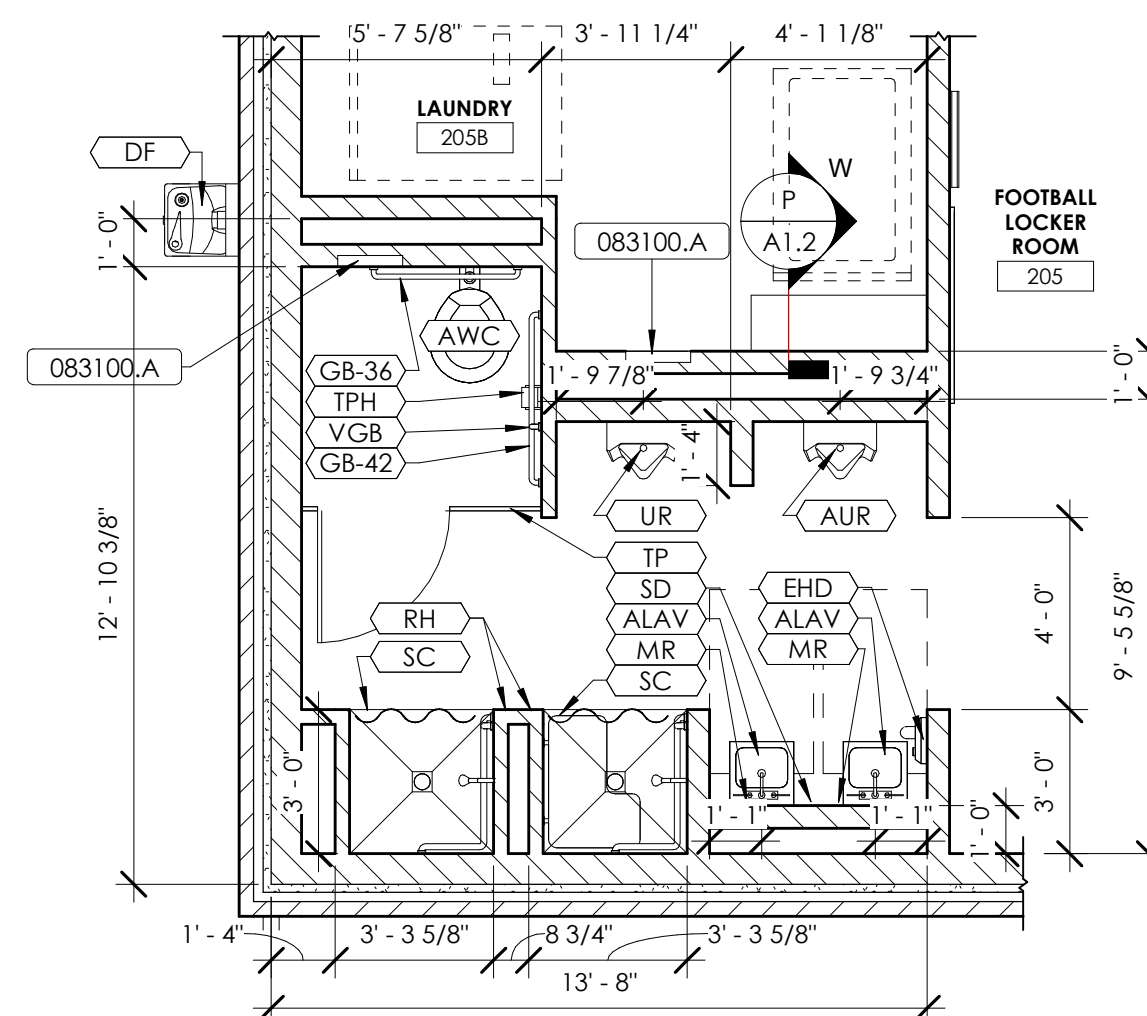
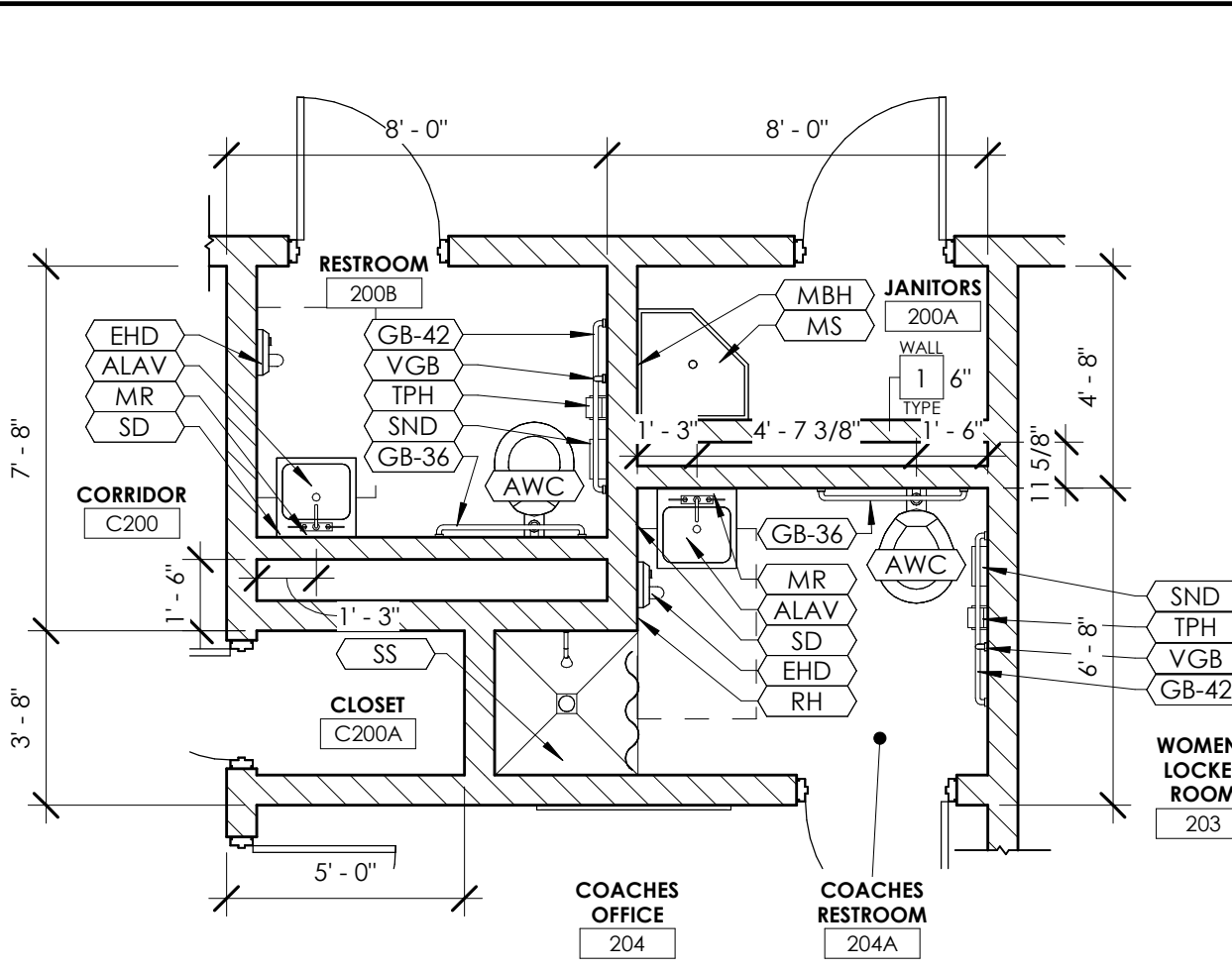
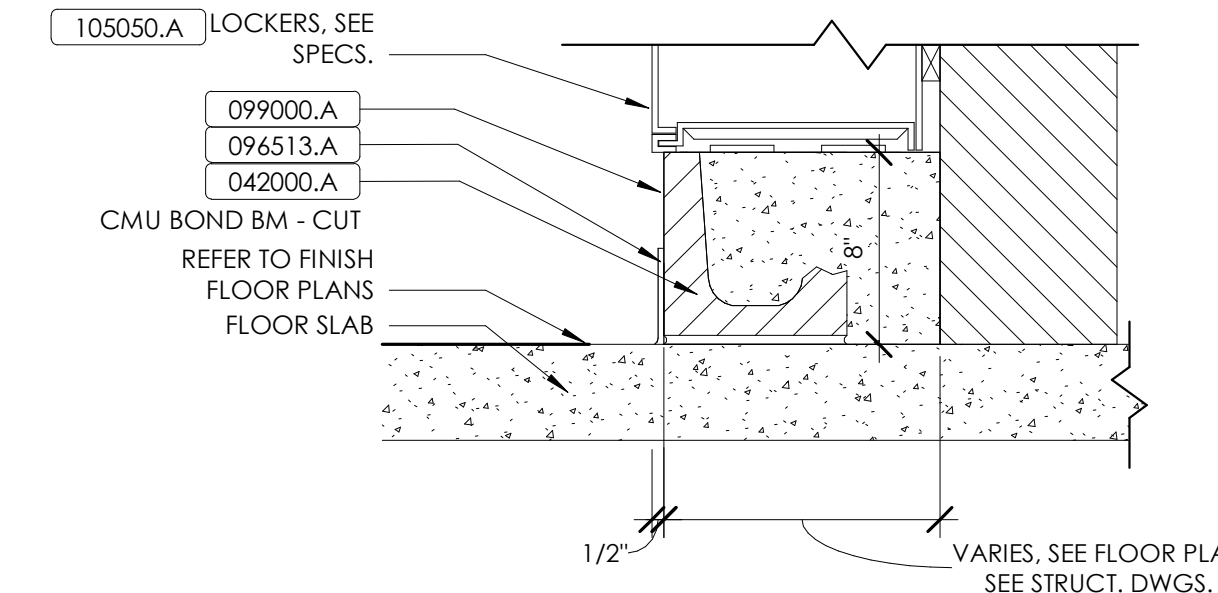
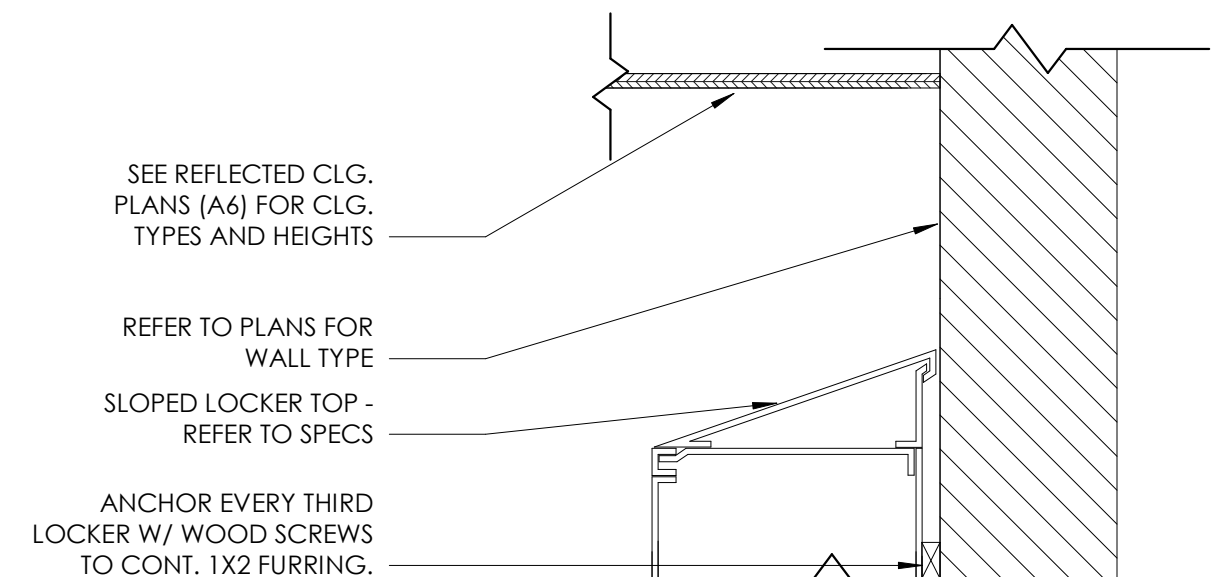
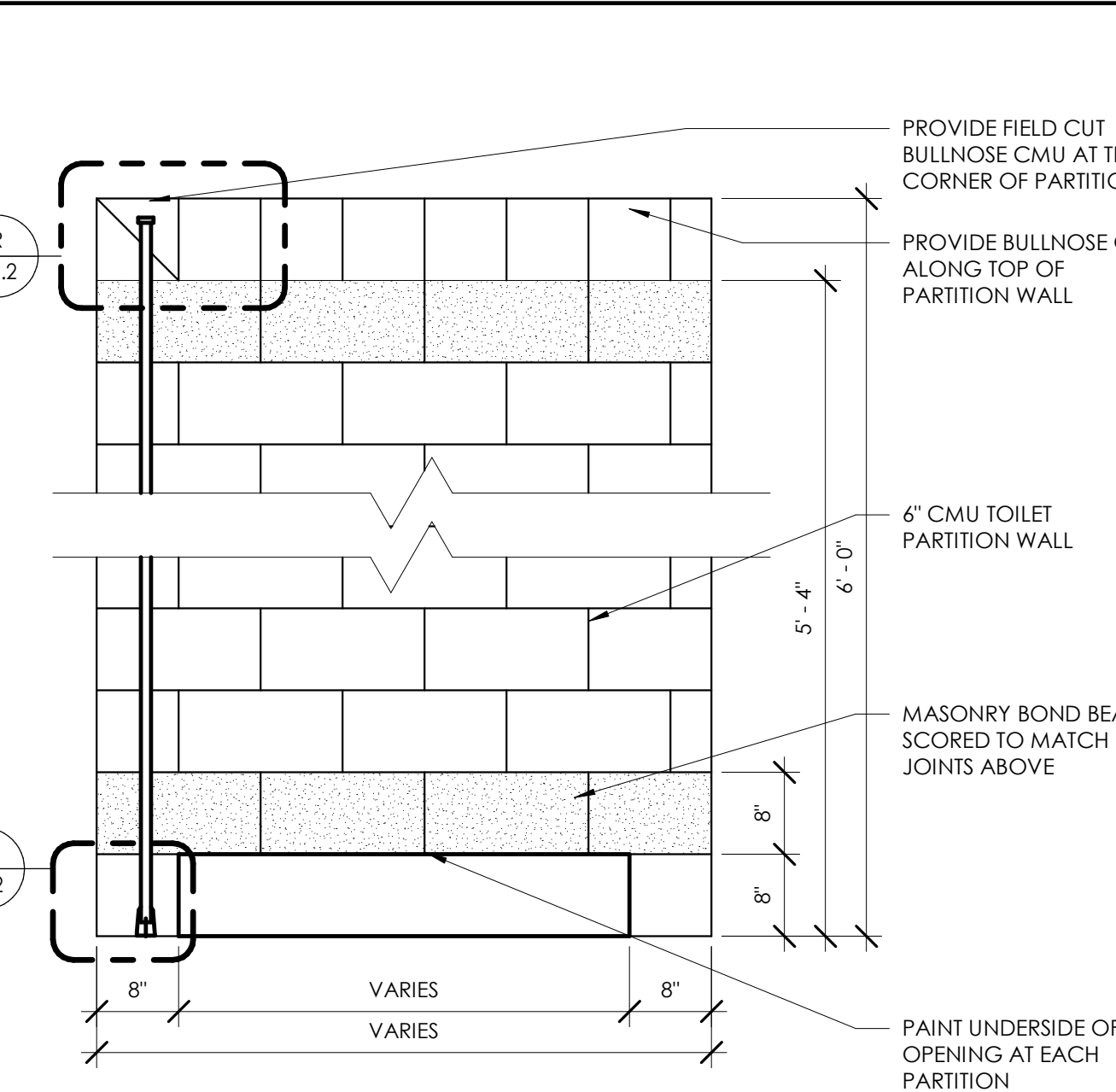
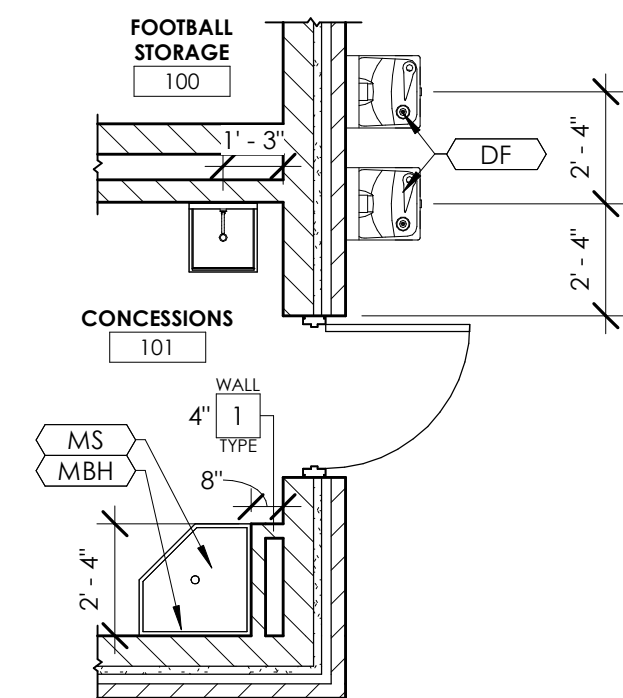
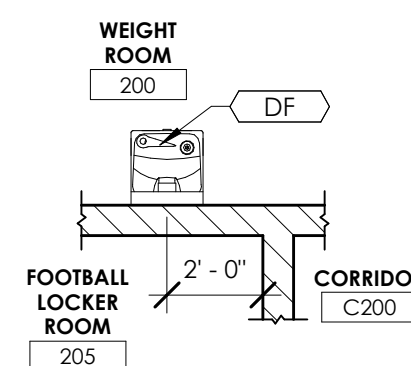
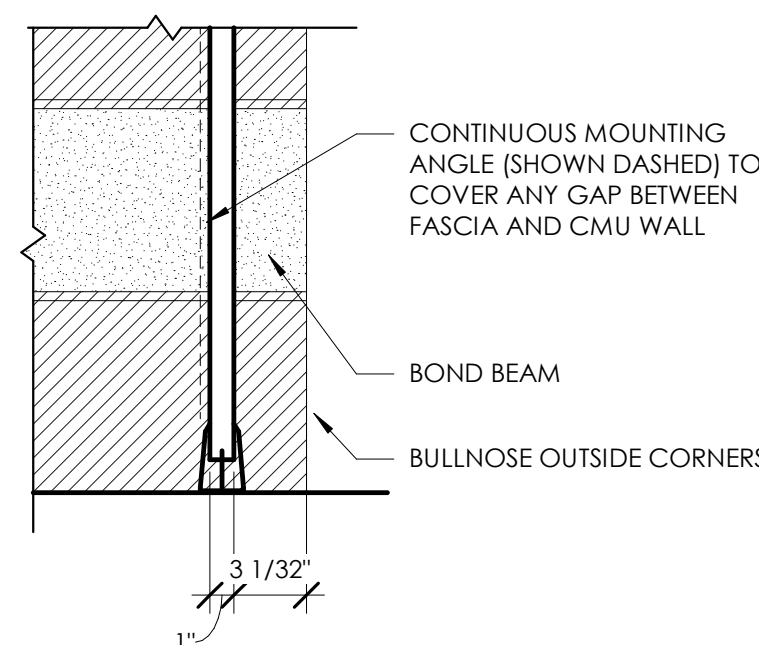
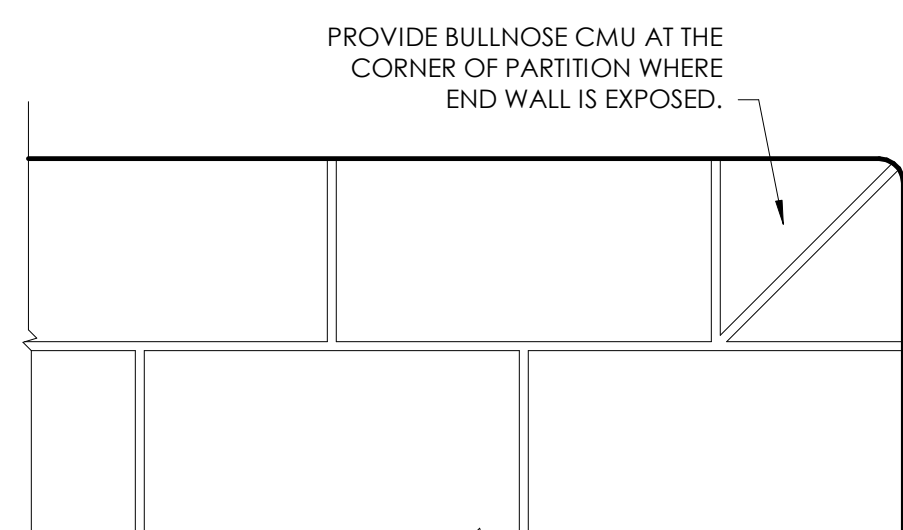
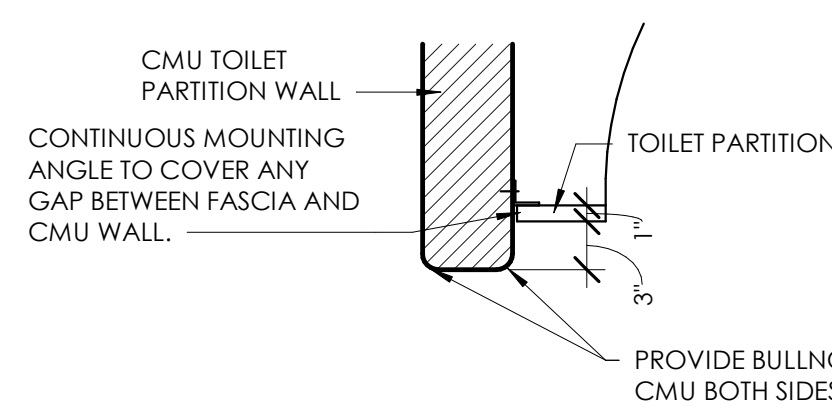
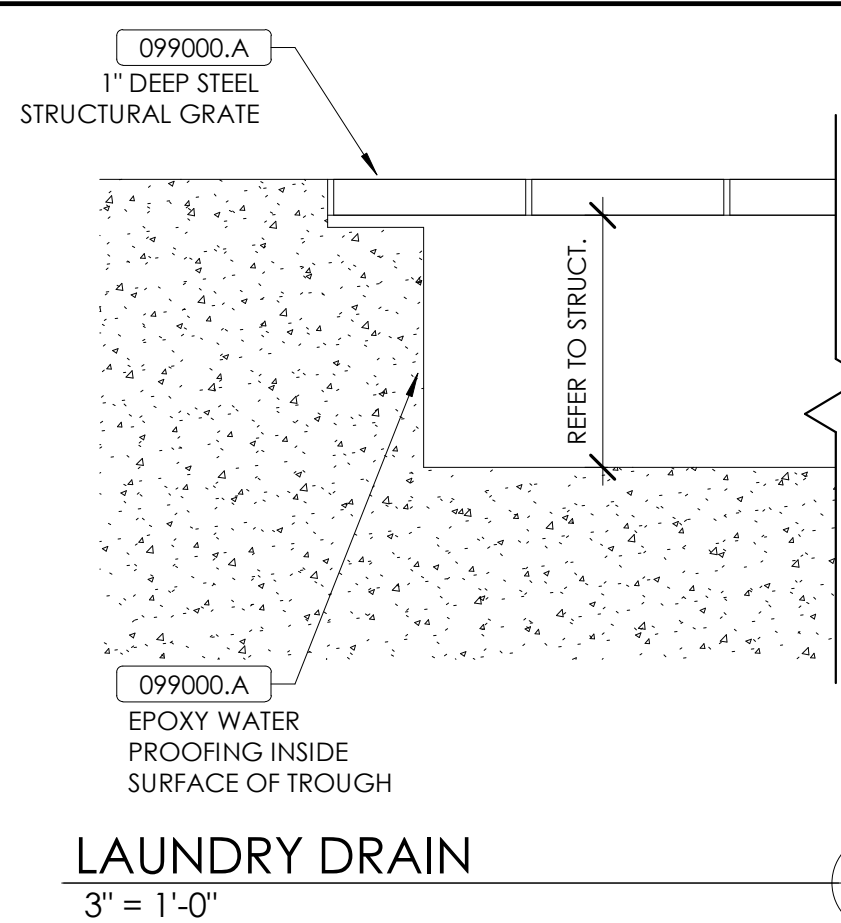
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Project No.: 23012  
Drawn By: CA/ILG  
Rev'd By: CH  
SHEET RELEASE

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[illegible]MATERIAL REFERENCE

042000.A	Concrete Masonry Unit
083100.A	Access Door & Frame
096513.A	Resilient Wall Base & Accessories
099000.A	Paint
101550.A	Toilet Compartment
102800.A	Toilet & Bath Accessories
105050.A	Metal Lockers

NOT FOR  
CONSTRUCTION

ENLARGED RESTROOM PLANS AND DETAILS  
MERCER COUNTY ATHLETIC IMPROVEMENTS - PHASE 2  
FOR:  
MERCER COUNTY BOARD OF EDUCATION  
HARRODSBURG, KY

### TOILET ACCESSORY LEGEND

ALAV	ACCESSIBLE LAVATORY
AUR	ACCESSIBLE URINAL
AWC	ACCESSIBLE WATER CLOSET
DCS	DIAPER CHANGING STATION
DF	DRINKING FOUNTAIN
EHD	ELECTRIC HAND DRYER
FSS	FOLDING SHOWER SEAT
GB	SHOWER GRAB BAR
GB-36	36" GRAB BAR
GB-42	42" GRAB BAR
LAV	LAVATORY
MBH	MOP AND BROOM HANGER
MR	MIRROR
MS	MOP SINK
RH	ACCESSIBLE ROBE HOOK
SC	SHOWER CURTAIN
SD	SOAP DISPENSER
SND	SANITARY NAPKIN DISPOSAL
SS	SHOWER SEAT
TP	TOILET PARTITION
TPH	TOILET PAPER HOLDER
UR	STANDARD HEIGHT URINAL
VGB	18" VERTICAL GRAB BAR
WC	STANDARD WATER CLOSET

NOTES:

1. COORDINATE ALL PLUMBING FIXTURES AND ACCESSORIES WITH THE PLUMBING ENGINEER.
2. THE FOLLOWING ITEMS SHALL BE PROVIDED AND INSTALLED BY THE OWNER: SD.

M,E.&P Engineer:  
CMTA, Inc.  
Lexington, KY Office  
p 859.253.0892

Structural Engineer:  
Structural Design Group, Inc.  
p 615.255.5537

Construction Manager:  
Trace Creek Construction, Inc.  
p 606.796.3867

	BG 25-362
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Project No:	25012
Drawn By:	DR
Rev'd By:	BB/DS

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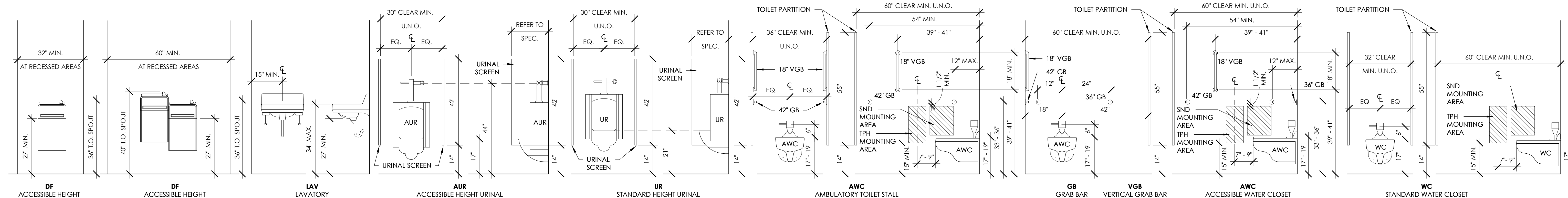
A12

## A1.2

ENLARGED RESTROOM PLAN  
AND DETAILS

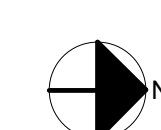
DATE ISSUED:  
MARCH 5, 2026

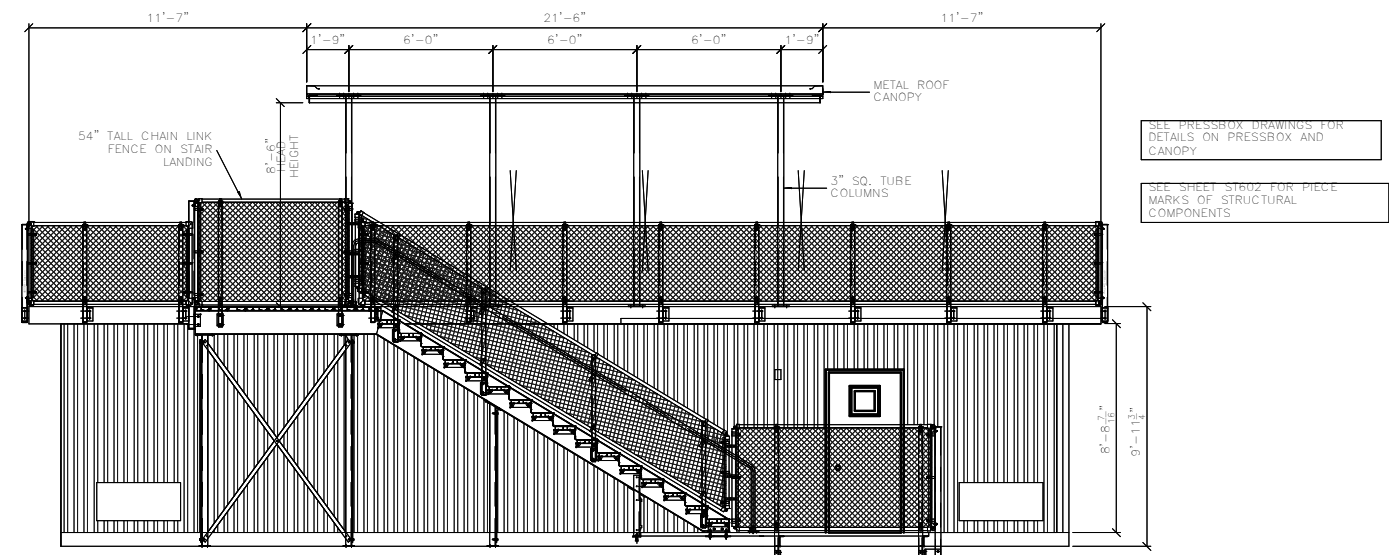
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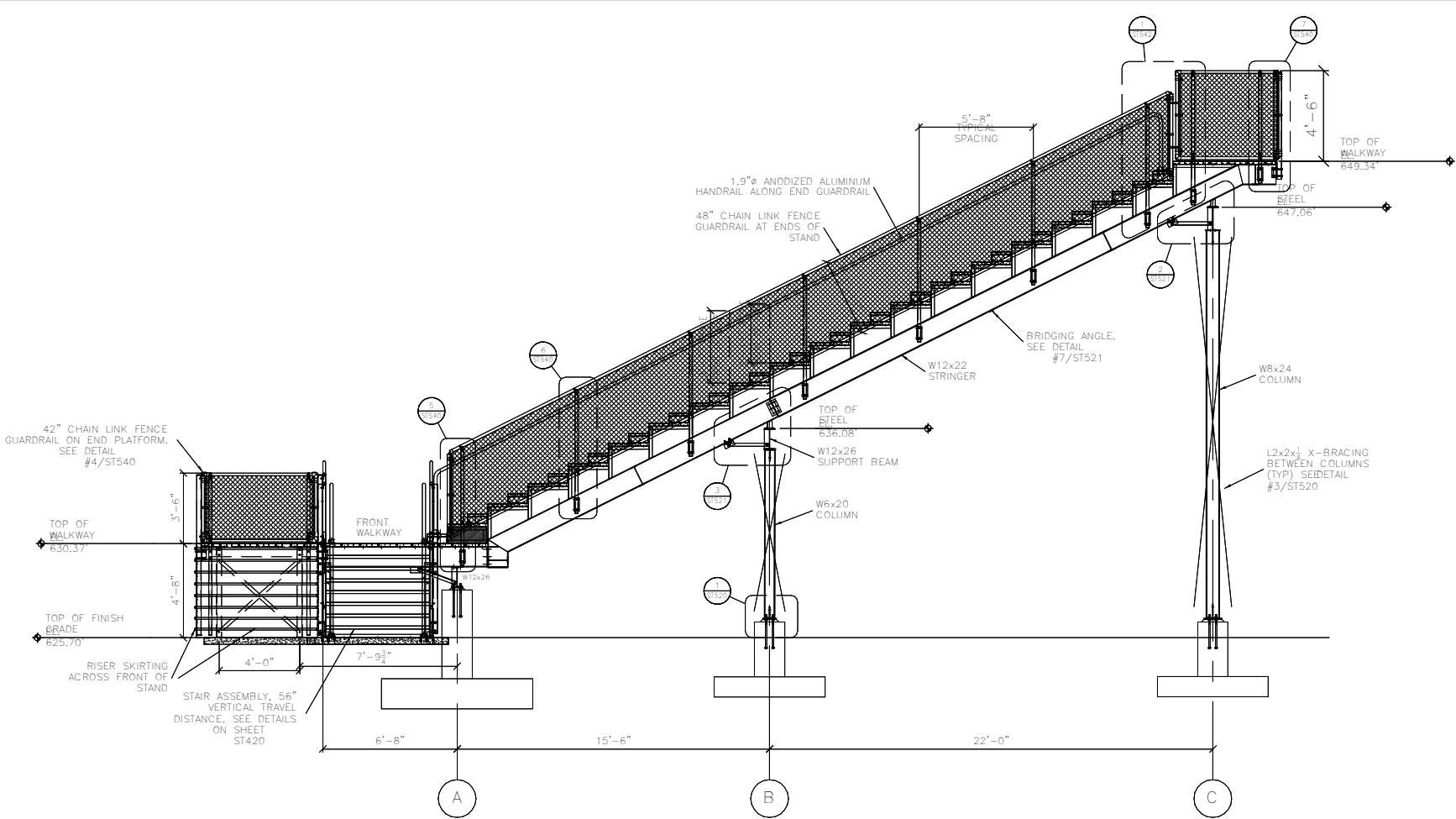
## PLUMBING FIXTURES AND ACCESSORIES MOUNTING HEIGHTS

SCALE: NTS

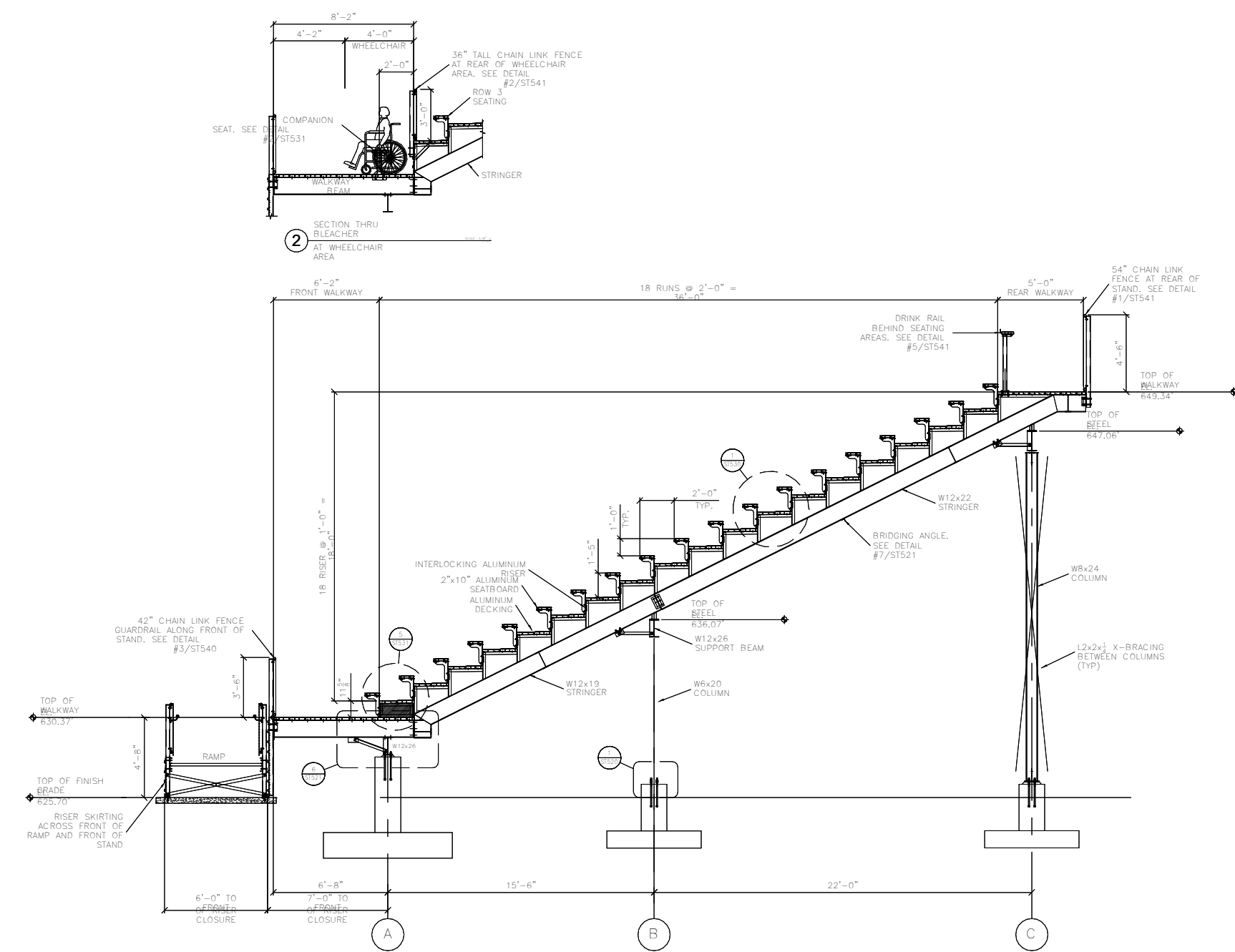


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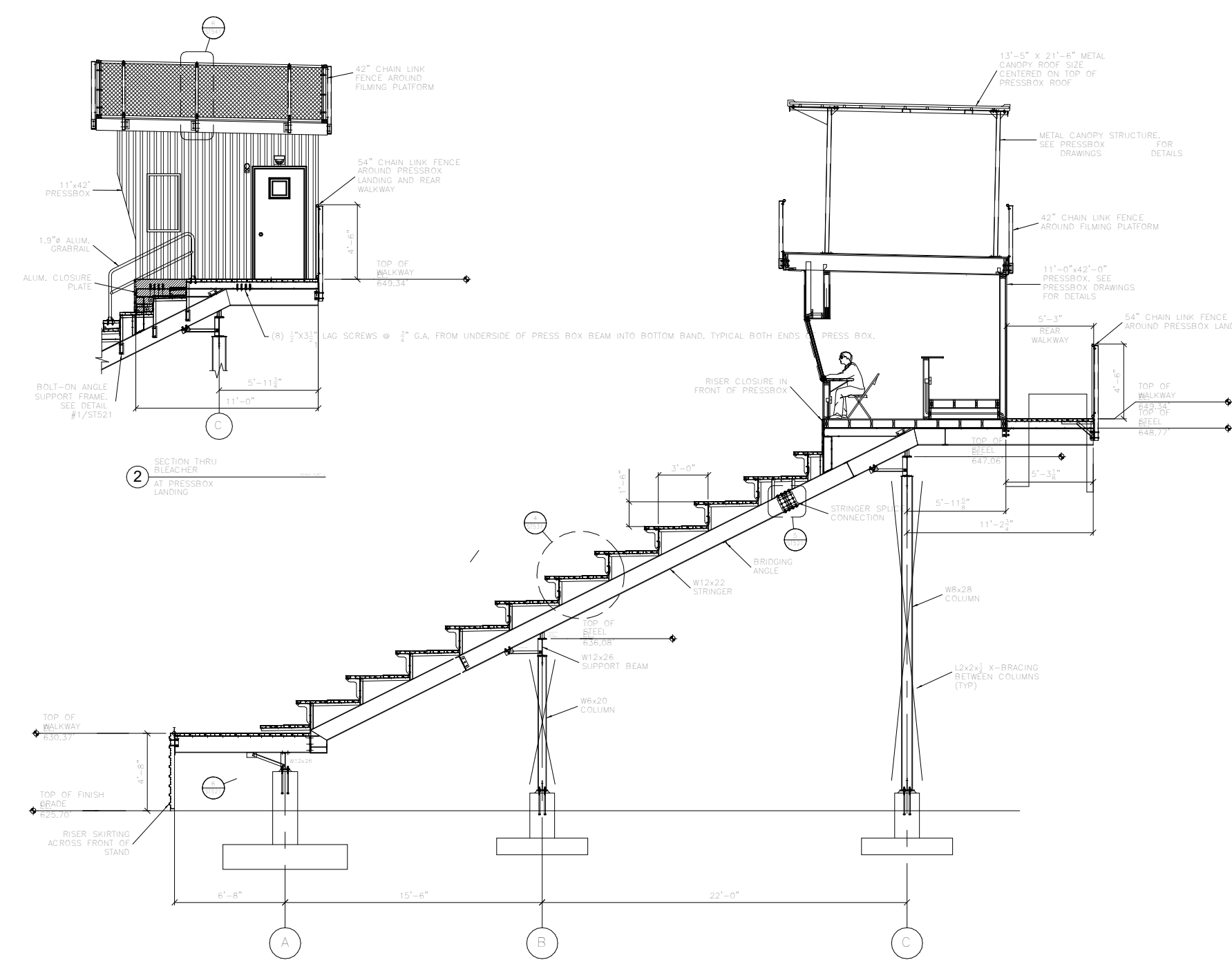
HOME BLEACHER - PRESS BOX ELEVATION  
1/8" = 1'-0"



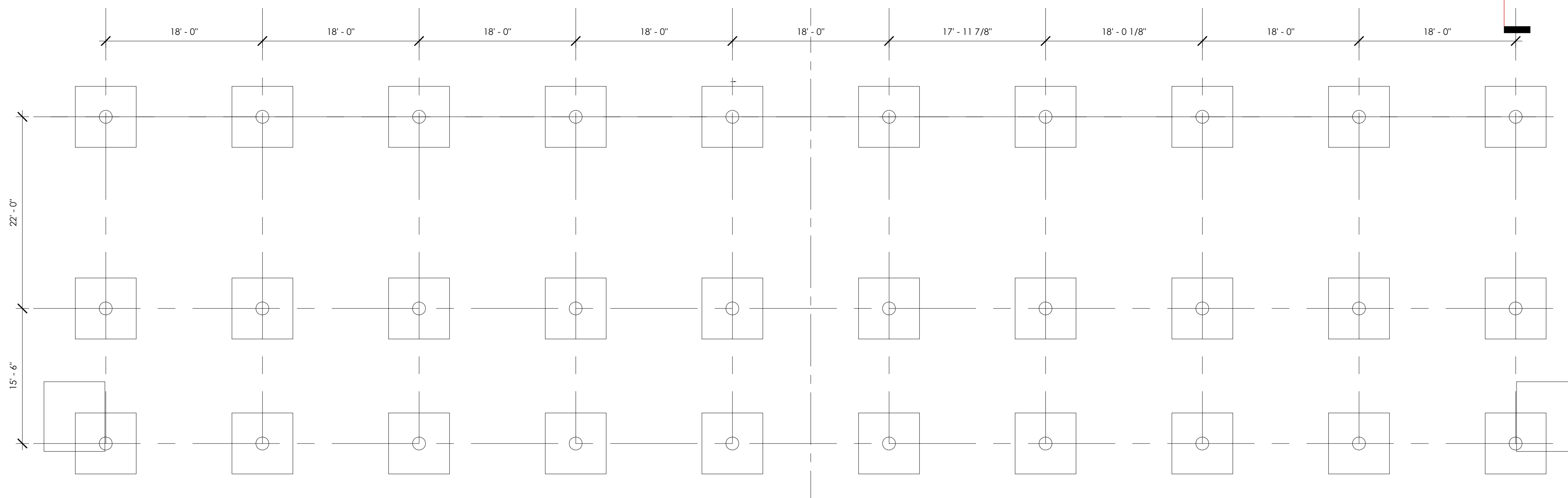
HOME BLEACHER - ELEVATION  
1/8" = 1'-0"



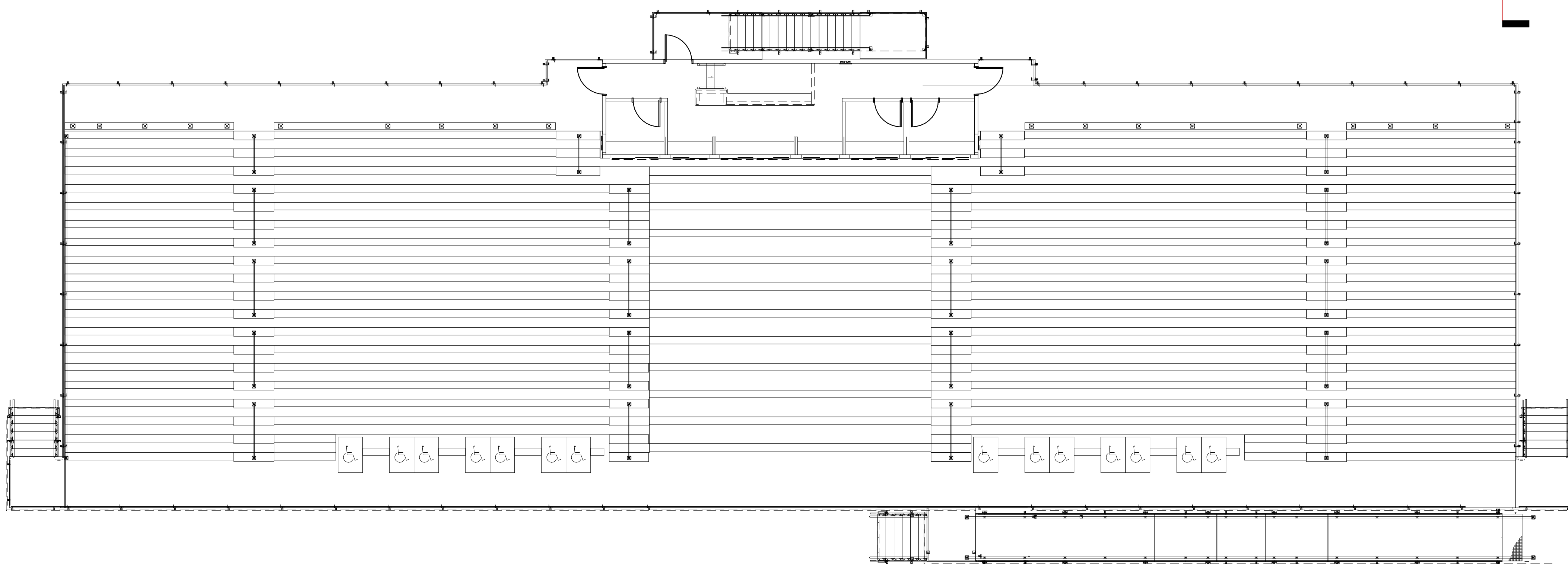
HOME BLEACHER - SECTION B  
1/8" = 1'-0"



HOME BLEACHER - SECTION A  
1/8" = 1'-0"

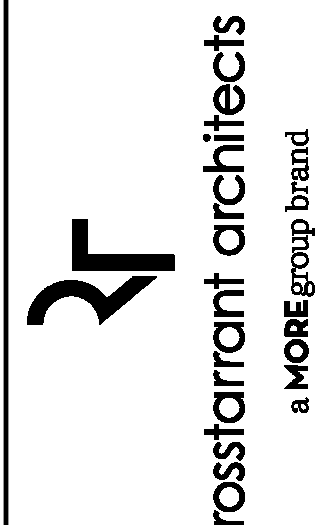


HOME BLEACHER FOUNDATION PLAN  
1/8" = 1'-0"



HOME BLEACHER PLAN  
1/8" = 1'-0"

## MATERIAL REFERENCE



NOT FOR  
CONSTRUCTION

ENLARGED BLEACHER PLANS & SECTIONS  
MERCER COUNTY ATHLETIC IMPROVEMENTS - PHASE 2  
FOR:  
MERCER COUNTY BOARD OF EDUCATION  
HARRODSBURG, KY

M.E.&P Engineer:  
CMTA, Inc.  
Lexington, KY Office  
p 859.253.0892

Structural Engineer:  
Structural Design Group, Inc.  
p 615.255.5537

Construction Manager:  
Trace Creek Construction, Inc.  
p 606.796.3867

BG 25-362

Project No:	25012
Drawn By:	DR
Rev'd By:	BB/DS

SHEET RELEASE

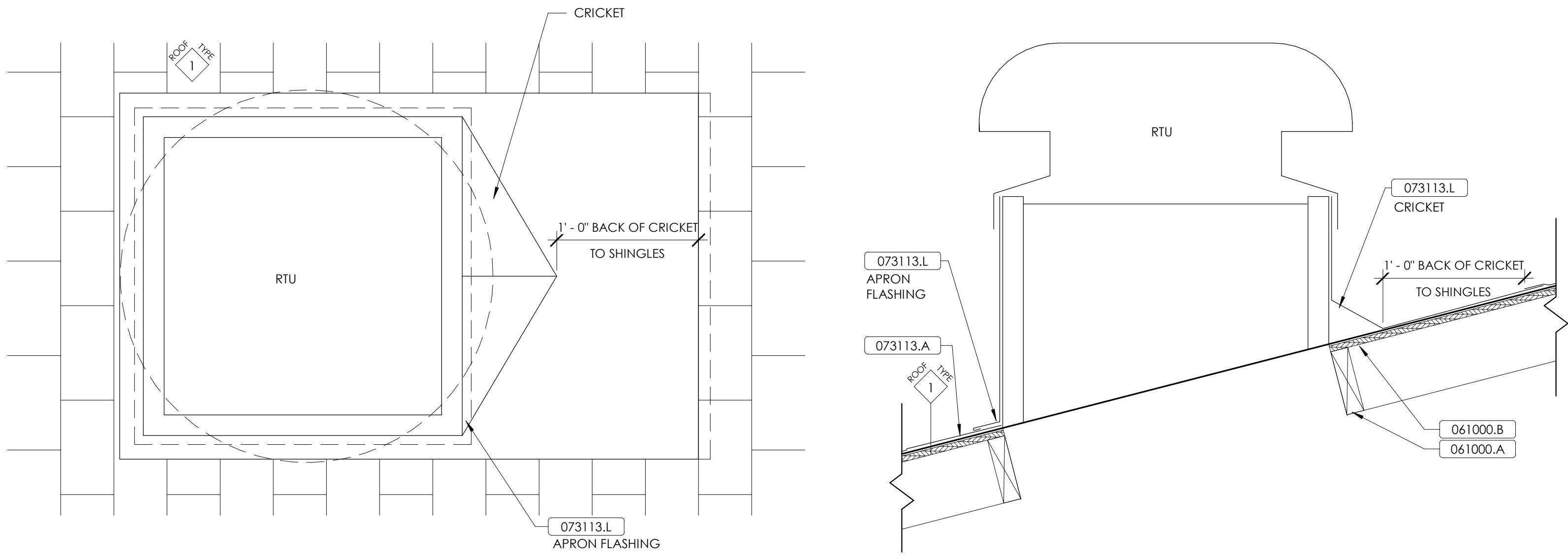
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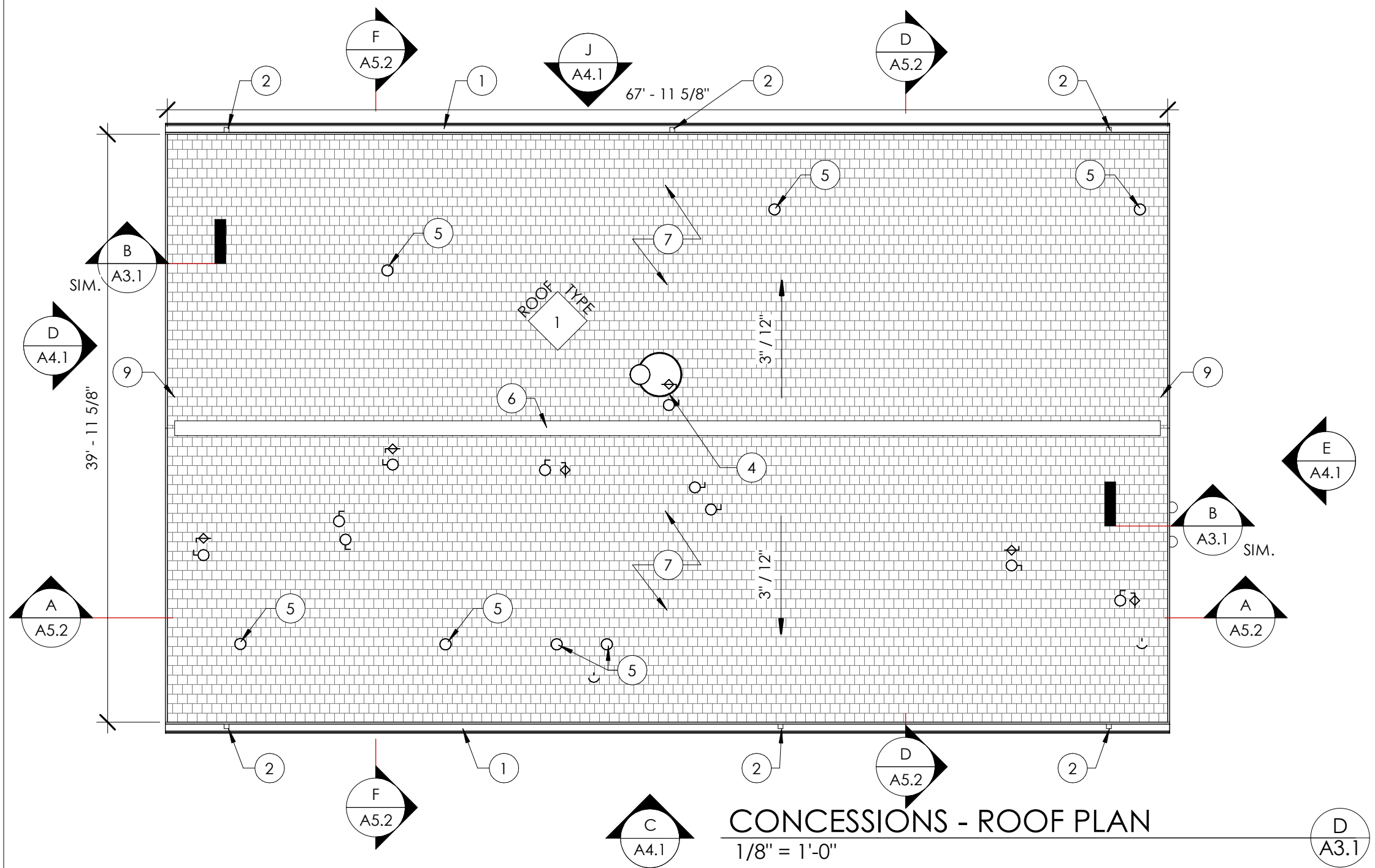
**A1.3**  
ENLARGED BLEACHER PL.  
& SECTIONS  
DATE ISSUED:  
MARCH 5, 2026



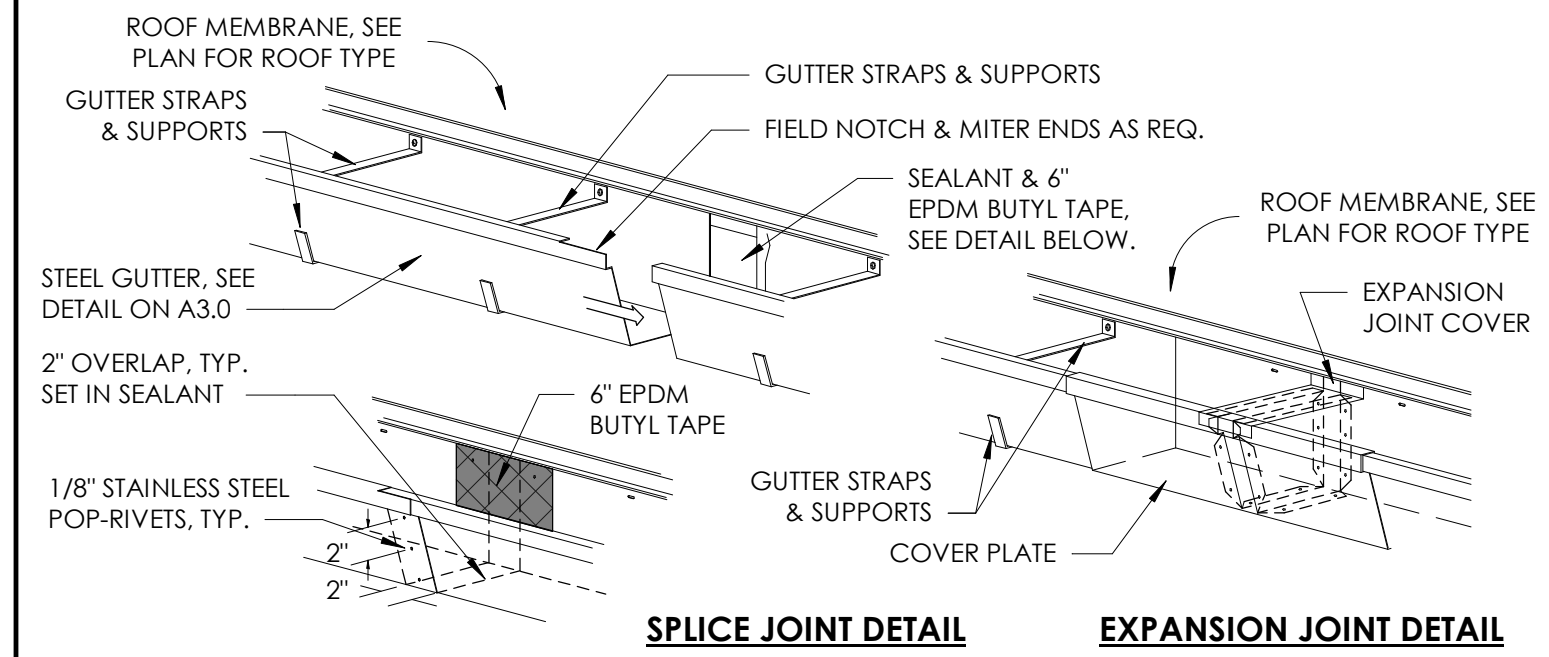
REVISIONS		
#	DATE	DESCRIPTION



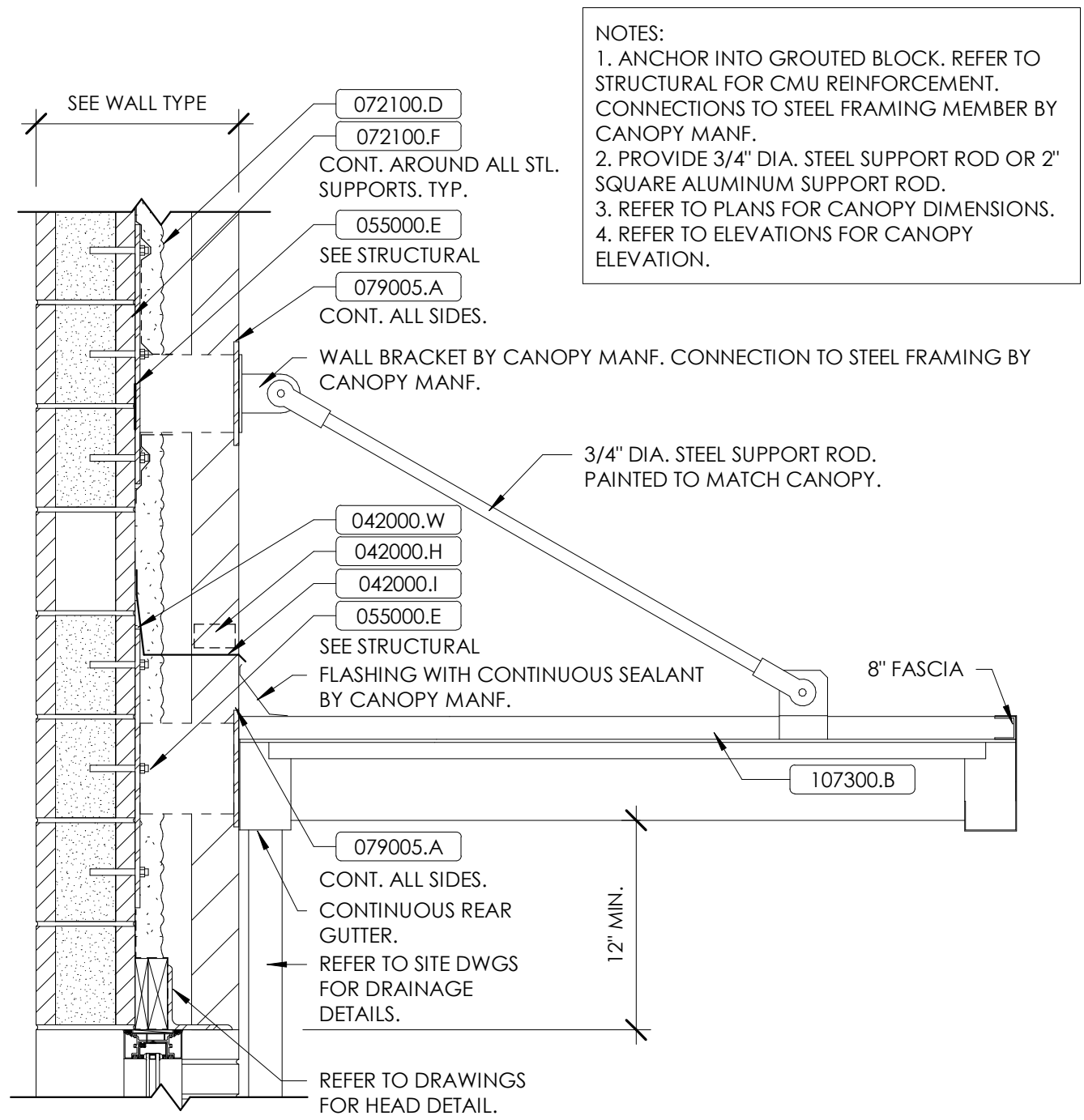
GRAVITY HOOD CURB DETAIL  
N.T.S.



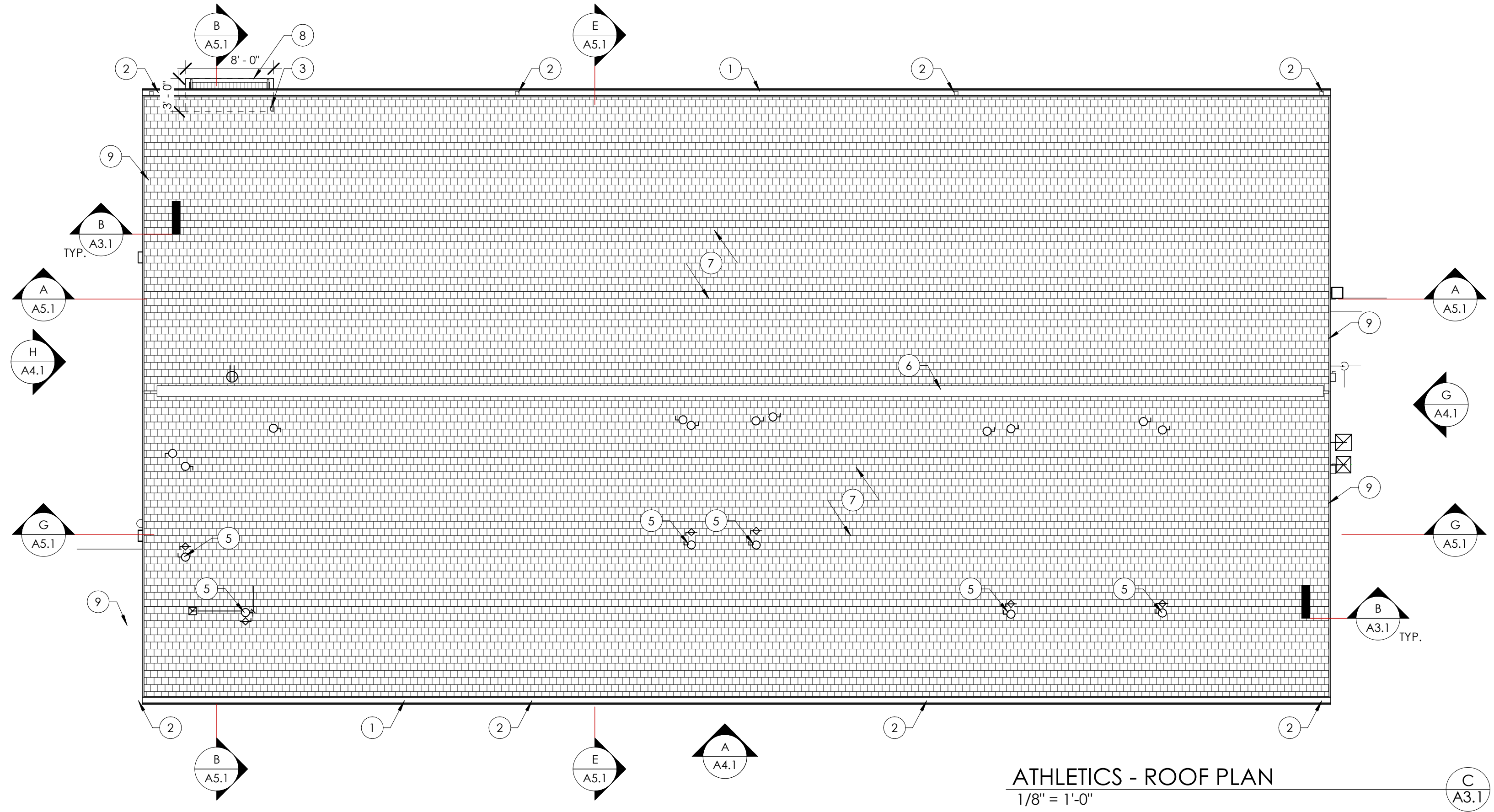
CONCESSIONS - ROOF PLAN  
1/8" = 1'-0"



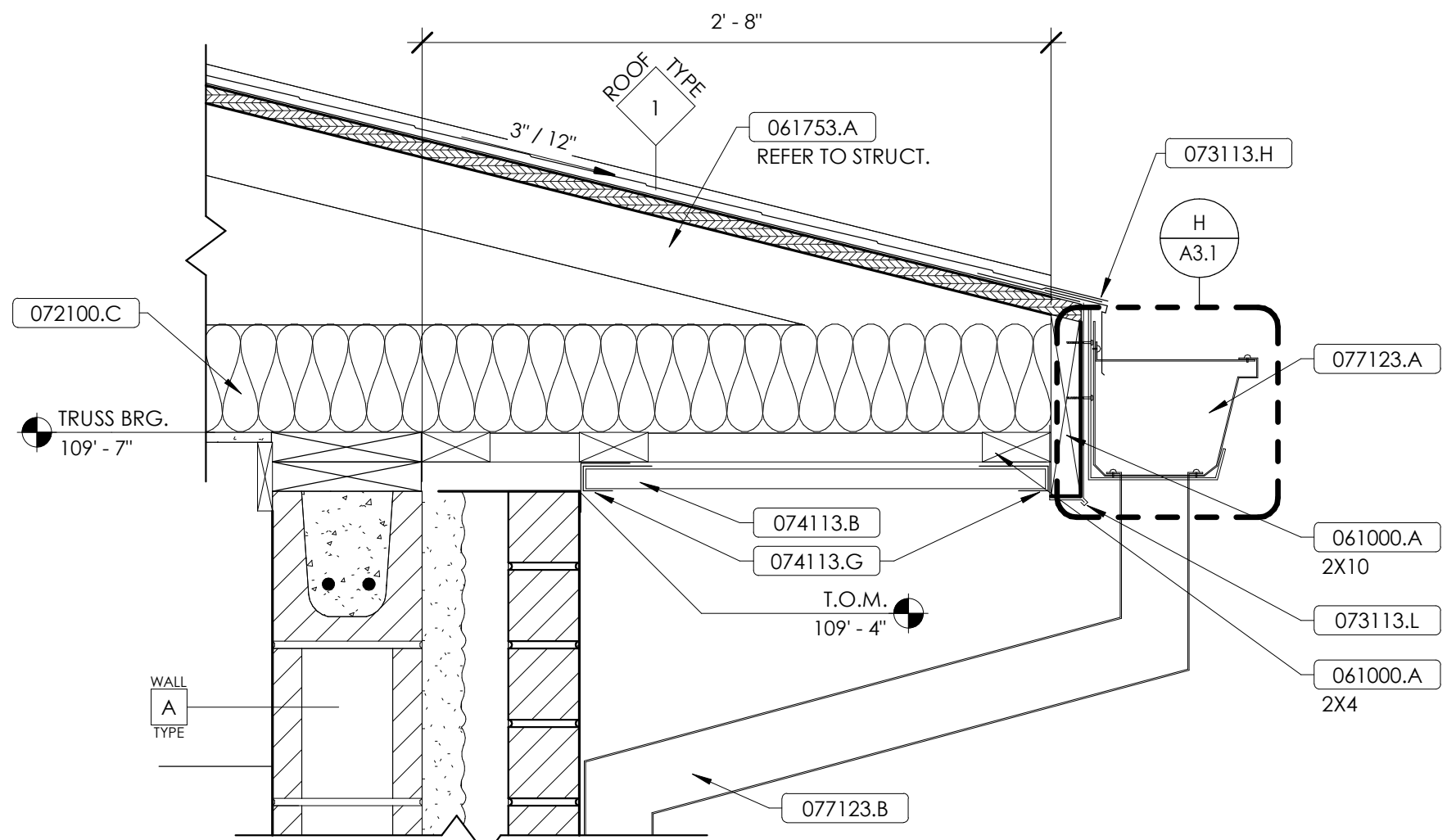
GUTTER EXP. & SPLICE JOINT  
1" = 1'-0"



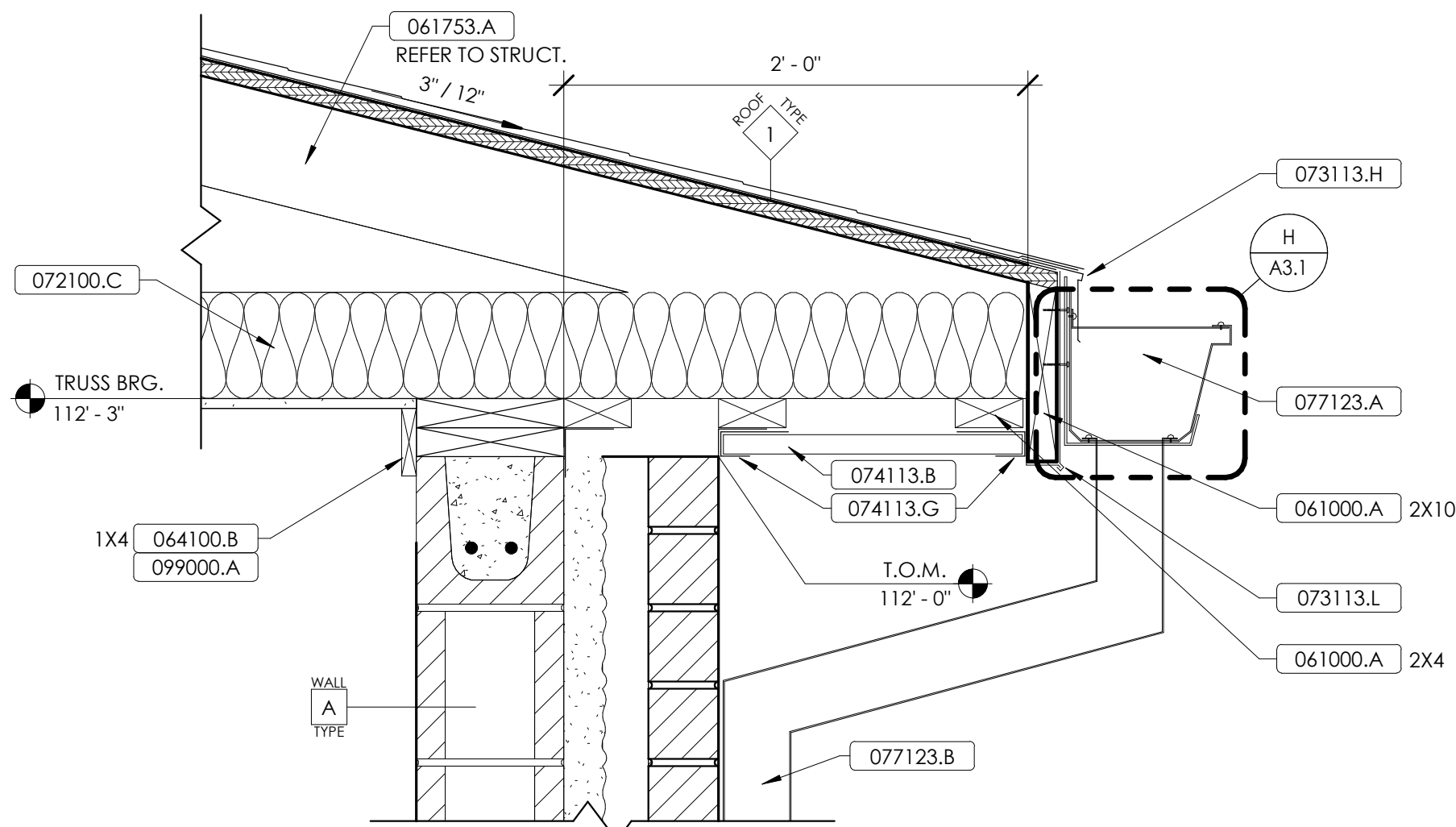
ALUMINUM CANOPY DETAIL  
N.T.S.



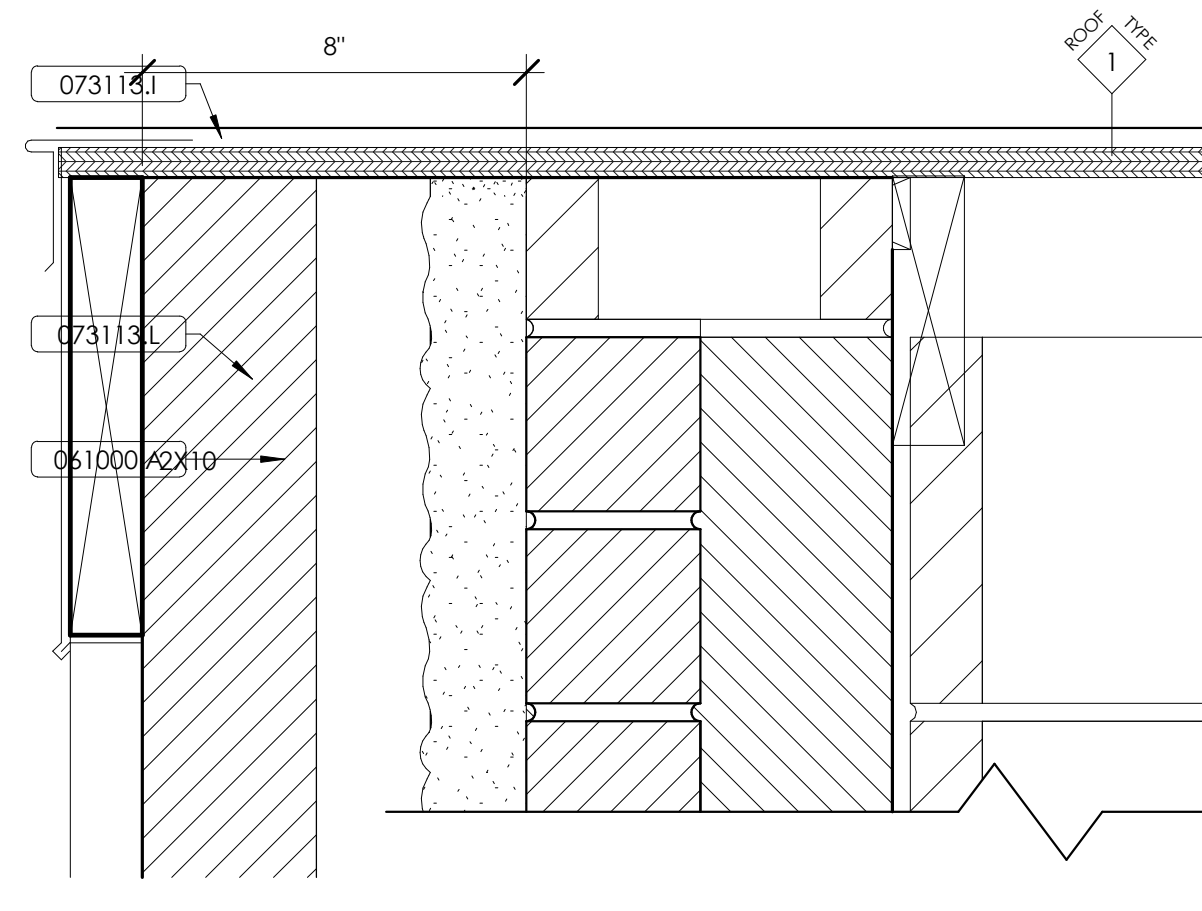
ATHLETICS - ROOF PLAN  
1/8" = 1'-0"



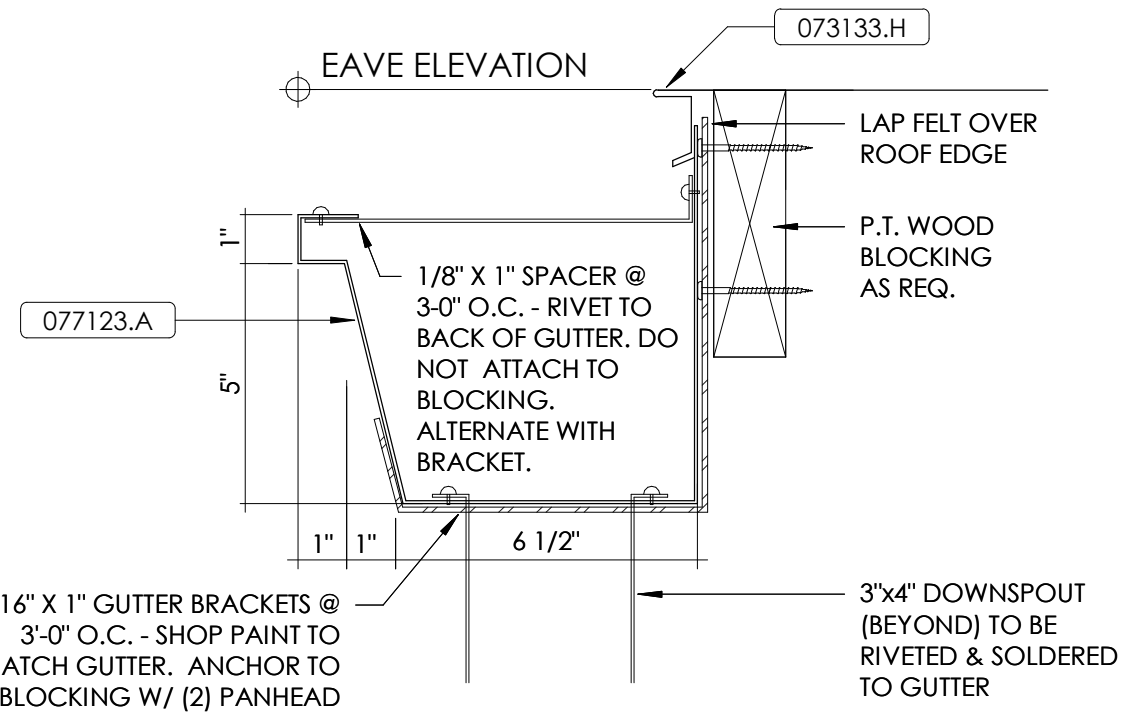
EAVE DETAIL - CONCESSIONS  
1 1/2" = 1'-0"



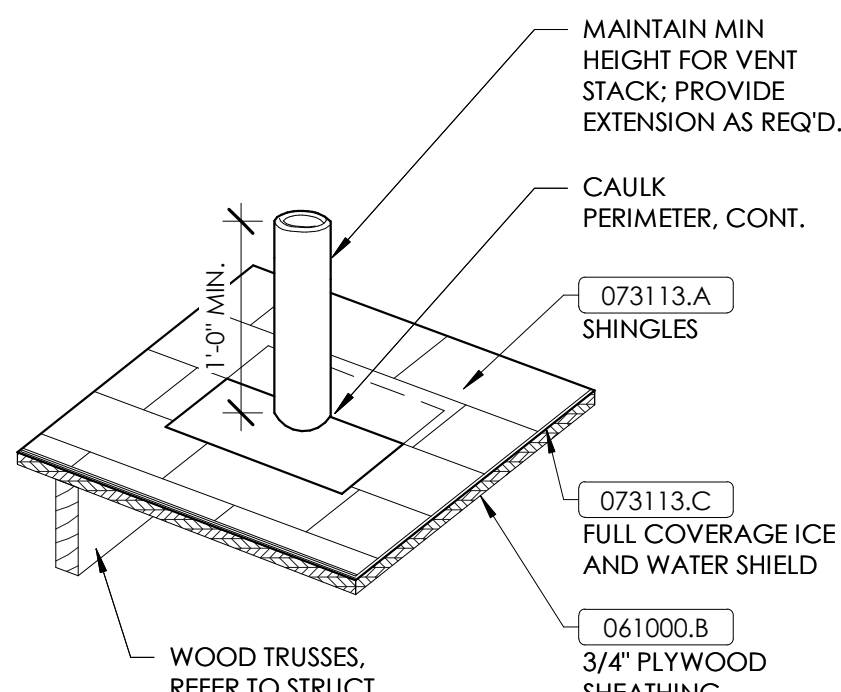
EAVE DETAL - ATHLETICS  
1 1/2" = 1'-0"



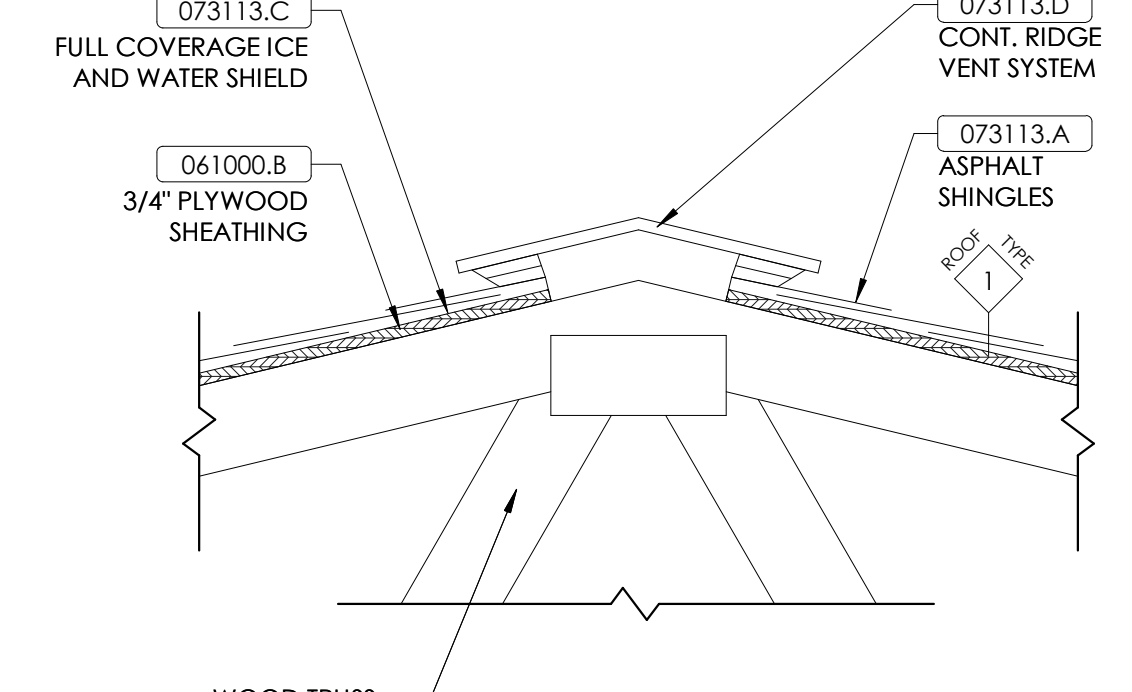
RAKE DETAIL  
3" = 1'-0"



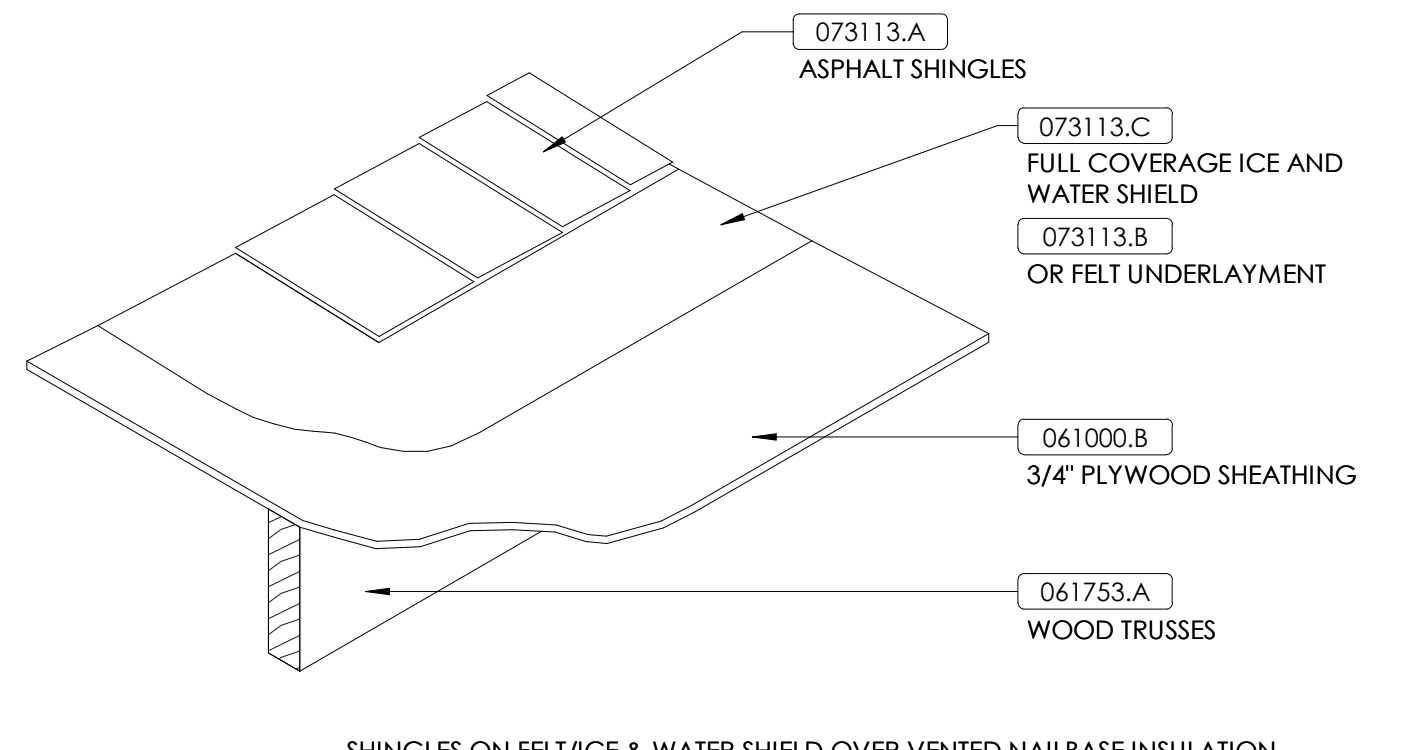
GUTTER DETAIL - ASPHALT SHINGLE  
N.T.S.



PLUMBING STACK VENT DETAIL  
N.T.S.



ROOF VENT DETAIL  
N.T.S.



ROOF TYPE 1 - ASPHALT SHINGLES  
N.T.S.

MATERIAL REFERENCE

042000.H	Vents and Weeps
042000.J	Through Wall Flashing
042000.W	Thru-Wall Flashing Support
055000.E	Steel Framing and Support
061000.A	Wood Blocking
061000.B	Plywood Sheathing
061753.A	Shop Fabricated Wood Trusses
064100.B	Interior Wood Trim
072100.C	Thermal Batt Insulation
072100.D	Sprayed-In-Place Thermal Insulation
072100.F	Transition Membrane
073113.A	Asphalt Shingles
073113.B	Shingle Underlayment Material
073113.C	Ice & Water Shield
073113.D	Ridge
073113.H	Drip Edge
073113.I	Rake Edge
073113.L	Sheet Metal Wrap & Trim
073133.H	Drip Edge
074113.B	Metal Soffit Panels
074113.G	Metal Wrap and Trim
077123.A	Gutter
077123.B	Downspout
079005.A	Joint Sealant
099000.A	Paint
107300.B	Wall Hung Metal Canopy

ROOF NOTES

- 1 GUTTER. SEE DETAIL M/A3.1. (077123)
- 2 DOWNSPOUT. SEE DETAIL H/A3.1. (077123)
- 3 PREMANUFACTURED CANOPY DOWNSPOUT (107300.B). REFER TO SITE DRAWINGS FOR CONTINUATION.
- 4 ROOFTOP MECHANICAL EQUIPMENT CURB. SEE DETAIL L/A3.1.
- 5 VENT THROUGH ROOF. REFER TO DETAIL G/A3.1
- 6 VENTED RIDGE. SEE DETAIL E/A3.1
- 7 ICE AND WATER SHIELD. (073113)
- 8 PREMANUFACTURED WALL HUNG CANOPY. SEE DETAIL K/A3.1. 3"x5" OVER SINGLE DOORS. 3"x6" OVER DOUBLE DOORS U.N.O.
- 9 RAKE EDGE. SEE DETAIL B/A3.1

ROOF PLAN  
FOR:  
MERCER COUNTY BOARD OF EDUCATION  
HARRODSBURG, KY

M.E.A.P. Engineers  
CMTA, Inc.  
Lexington, KY Office  
p 859.253.0892  
Structural Engineer  
Structural Design Group, Inc.  
p 615.255.5537  
Construction Manager  
Tisco Creek Construction, Inc.  
p 606.796.3867

BG 25-362

Project No.: 25012  
Drawn By: DR  
Rev'd By: BB/DS

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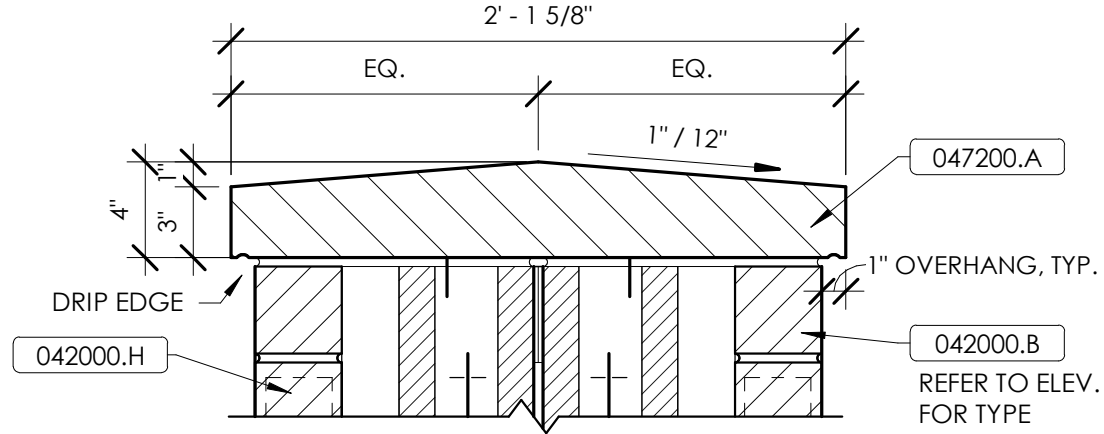
A3.1

ROOF PLAN  
DATE ISSUED:  
MARCH 5, 2026

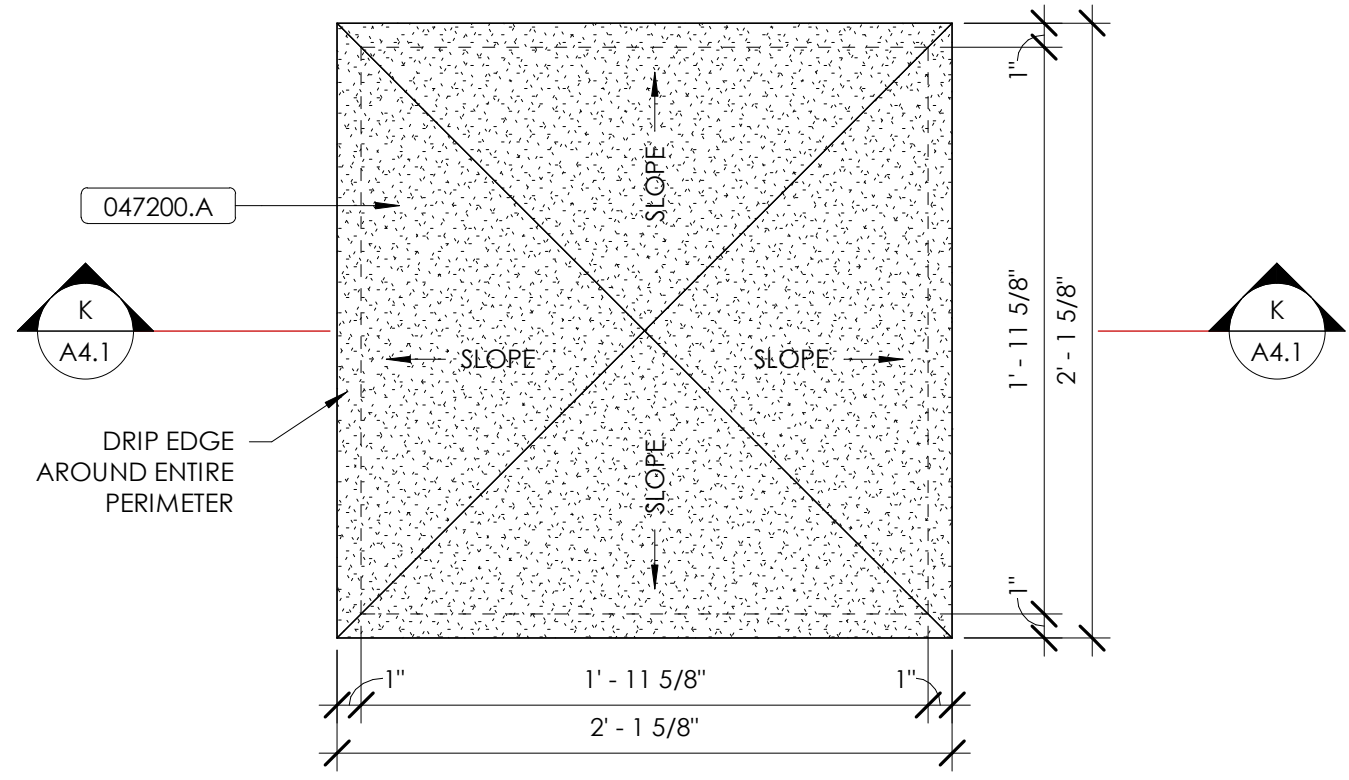
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REVISIONS		
#	DATE	DESCRIPTION

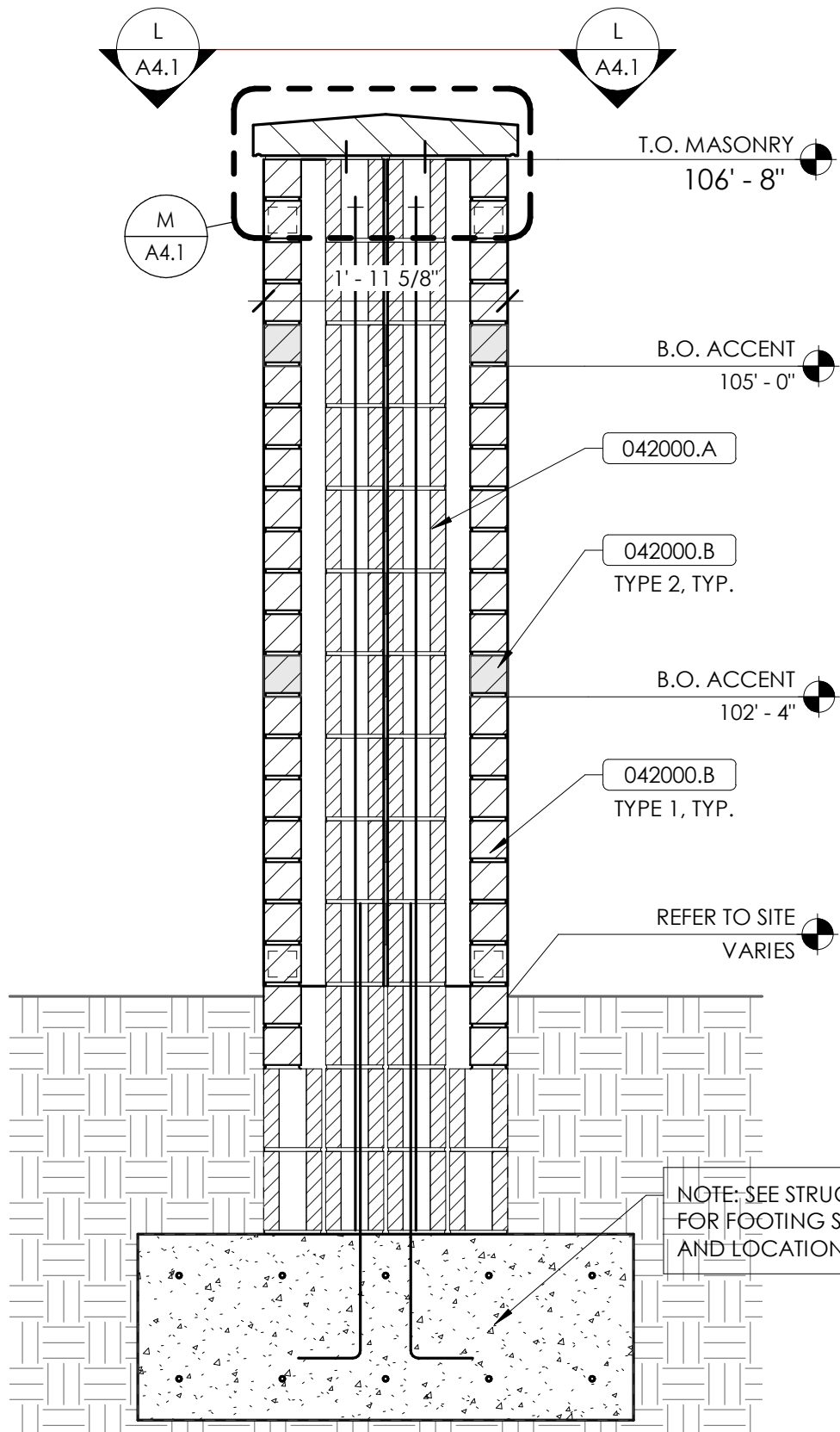
NOTE: WHERE CAST STONE CAPS ARE SHOWN OVER WALLS OR COLUMNS PROVIDE PUNS TO STRUCTURE AS REQUIRED.



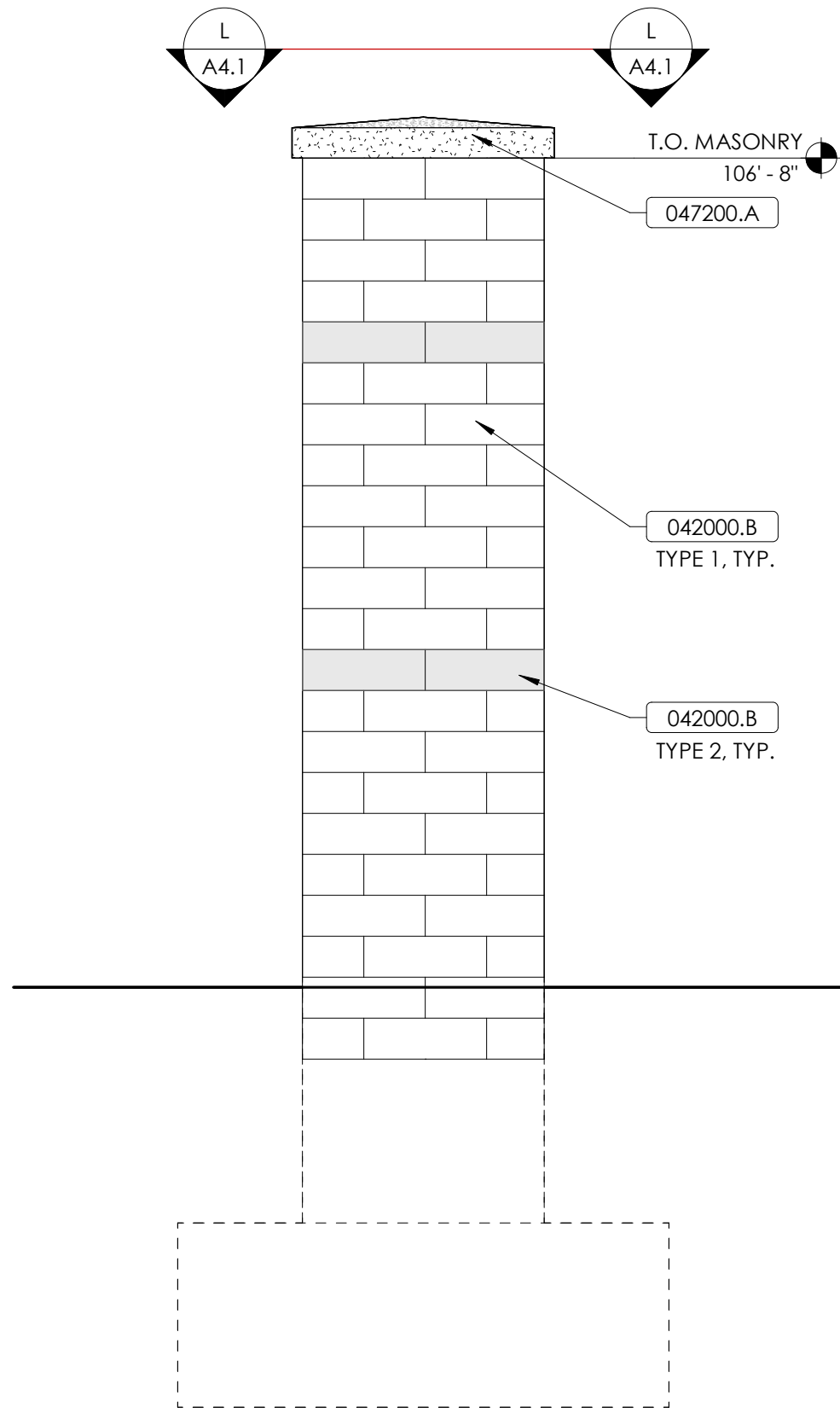
FENCE CAPSTONE - SECTION DETAIL  
1 1/2" = 1'-0"



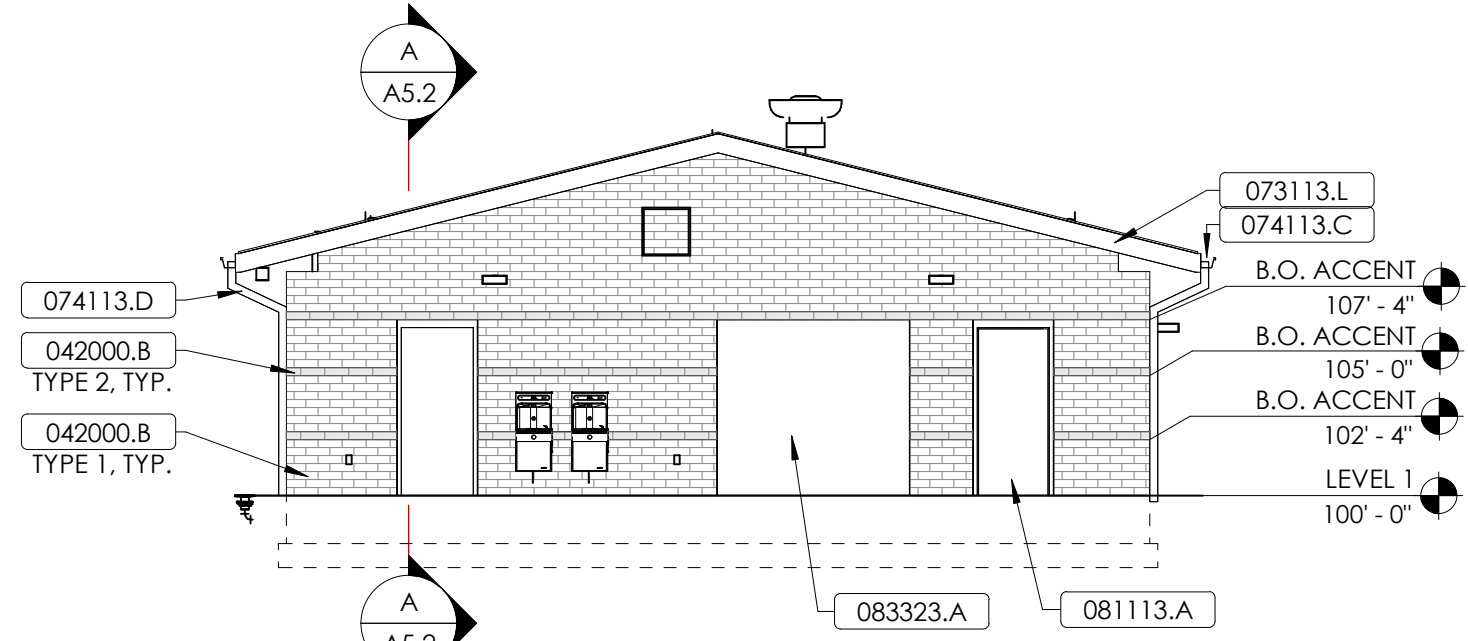
FENCE COLUMN - CAPSTONE DETAIL  
1 1/2" = 1'-0"



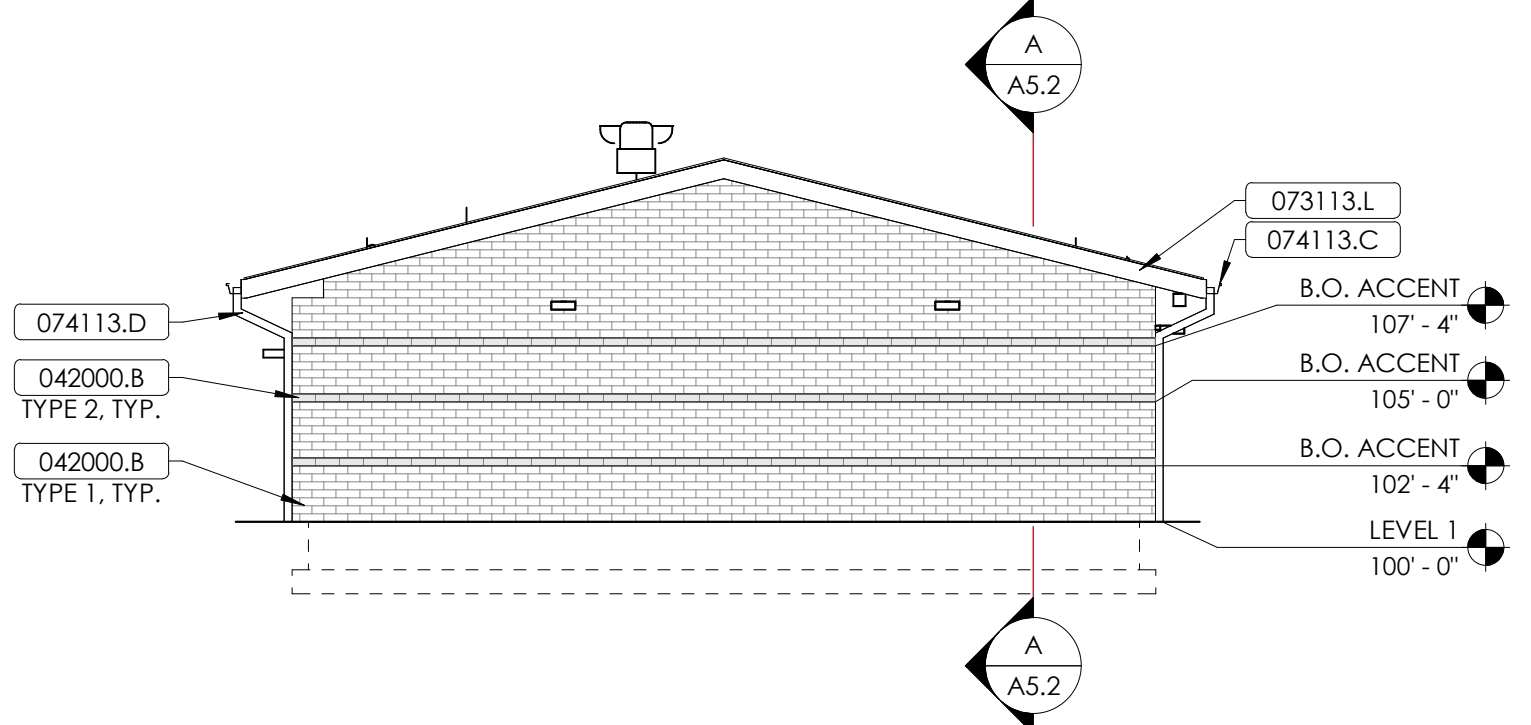
FENCE COLUMN - SECTION DETAIL  
3/4" = 1'-0"



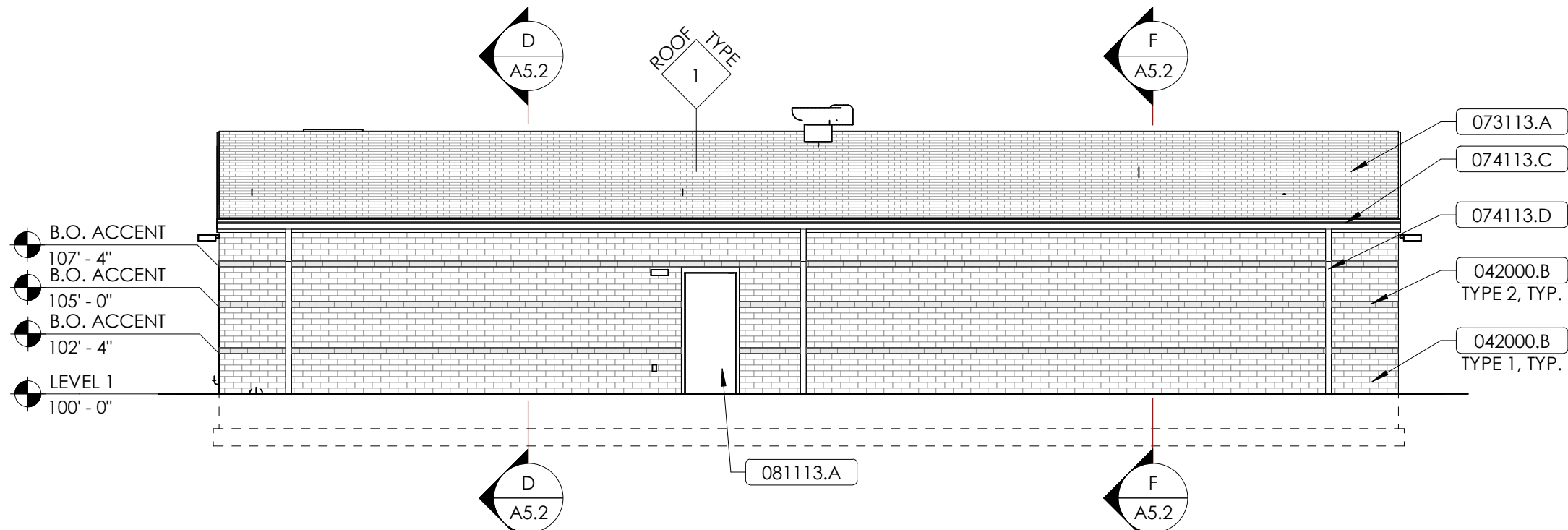
FENCE COLUMN - ENLARGED ELEVATION  
3/4" = 1'-0"



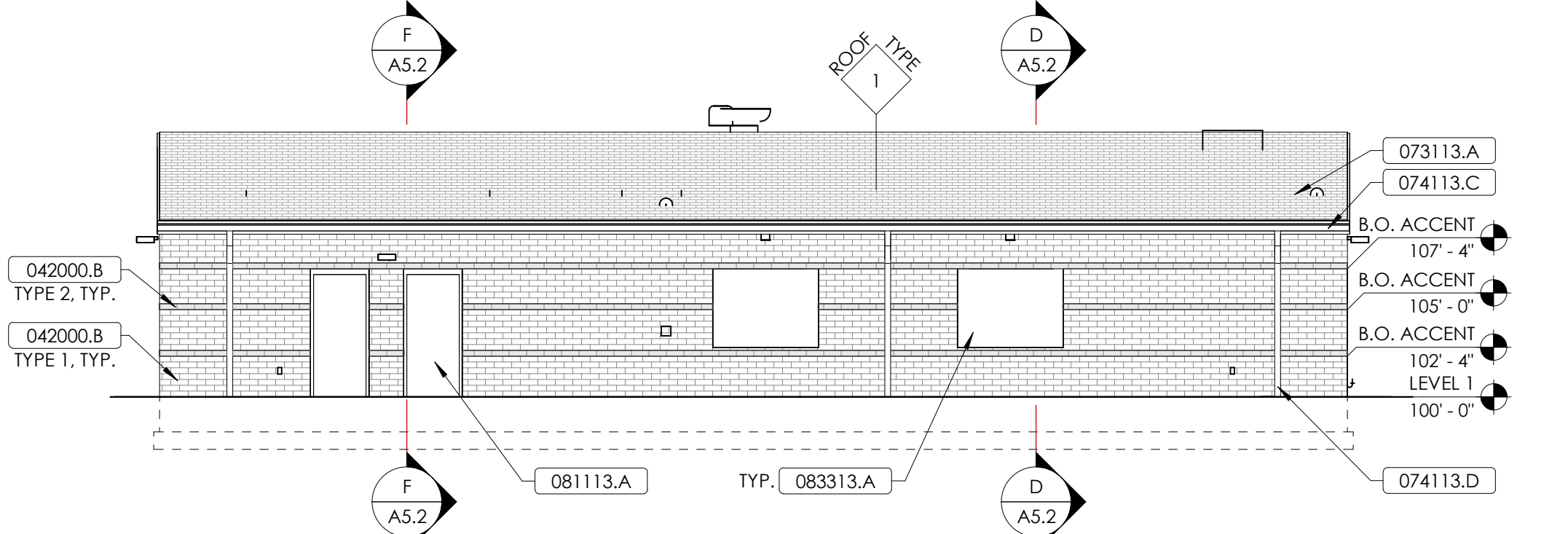
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1/8" = 1'-0"



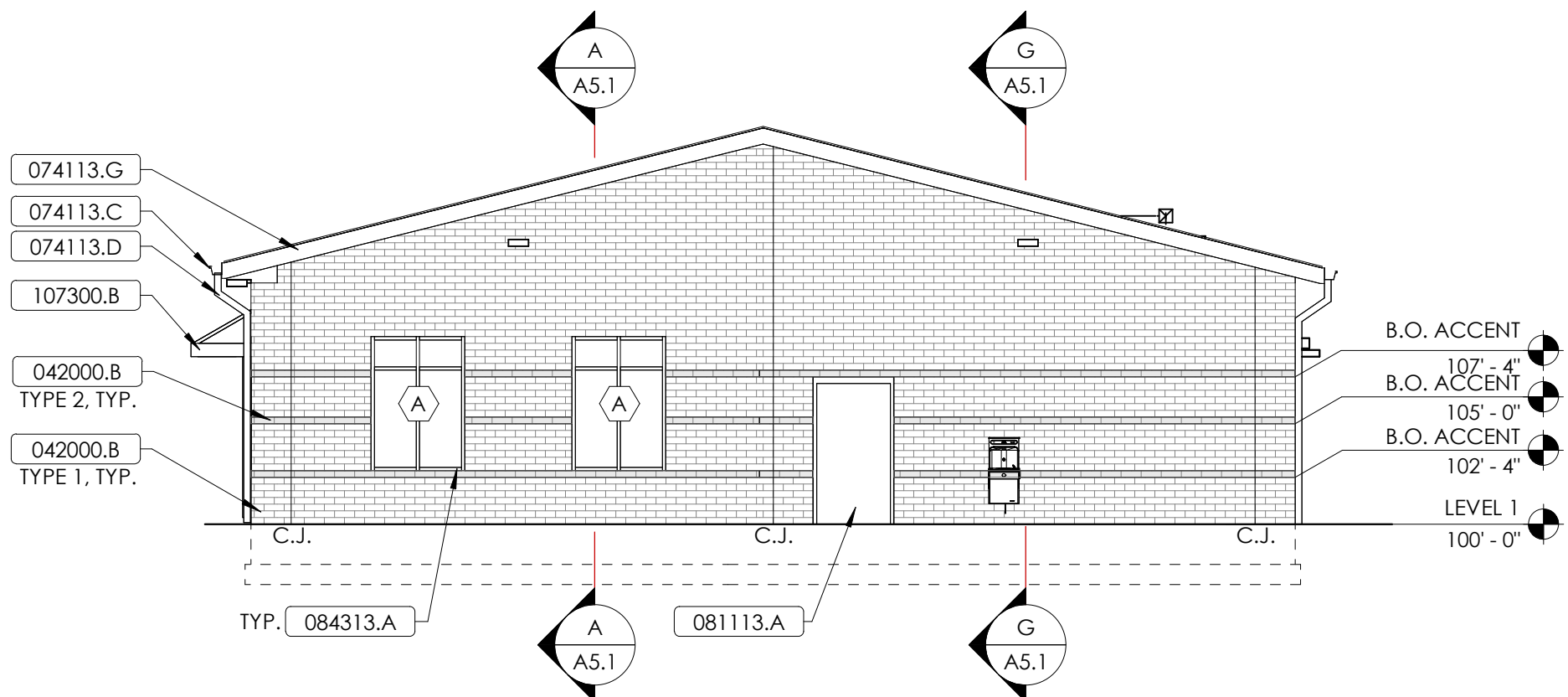
CONCESSIONS - BUILDING ELEVATION  
1/8" = 1'-0"



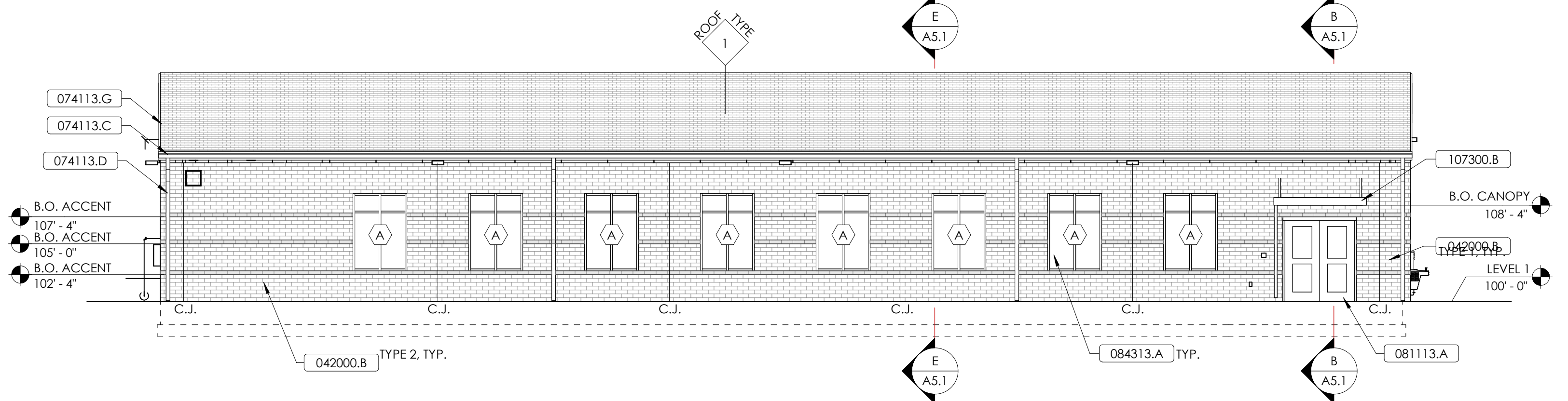
CONCESSIONS - BUILDING ELEVATION  
1/8" = 1'-0"



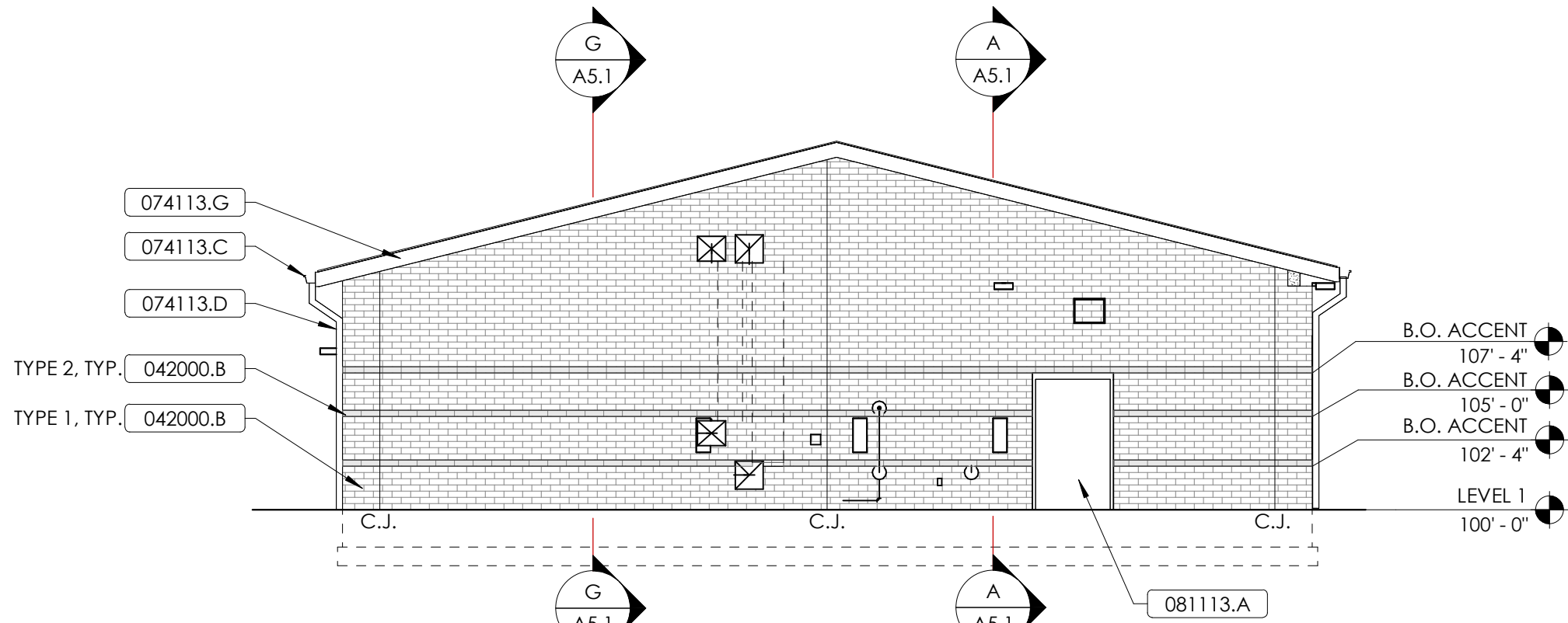
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1/8" = 1'-0"



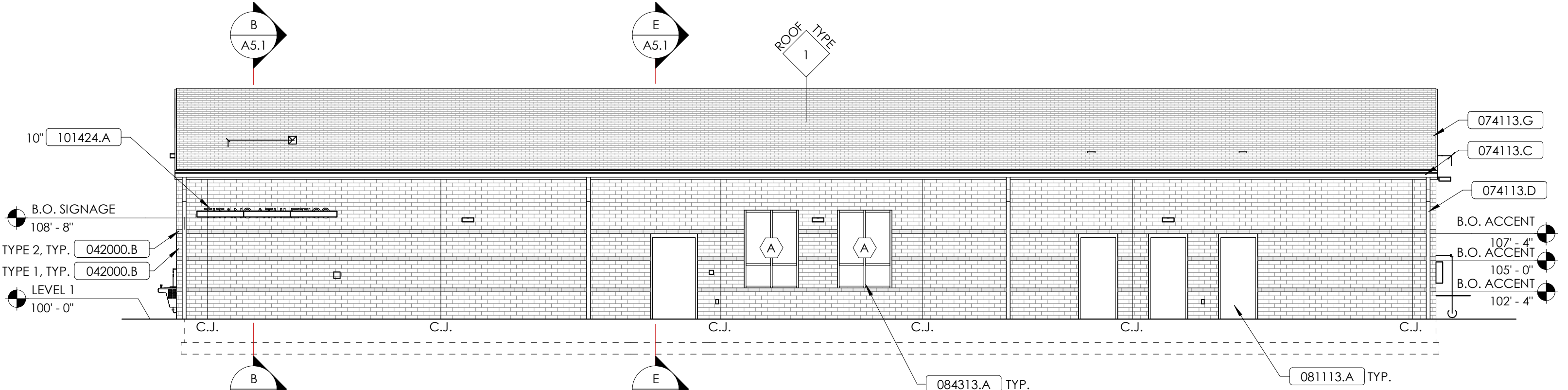
ATHLETICS - BUILDING ELEVATION  
1/8" = 1'-0"



ATHLETICS - BUILDING ELEVATION  
1/8" = 1'-0"



ATHLETICS - BUILDING ELEVATION  
1/8" = 1'-0"



ATHLETICS - BUILDING ELEVATION  
1/8" = 1'-0"

MATERIAL REFERENCE

042000.A	Concrete Masonry Unit
042000.B	Face Brick
042000.H	Vents and Weeps
047200.A	Cast Stone Masonry Units
073113.A	Asphalt Shingles
073113.L	Steel Metal Wrap & Trim
074113.C	Gutter
074113.D	Downspout
074113.G	Metal Wrap and Trim
081113.A	Steel Doors & Frames
083313.A	Coiling Counter Door
083323.A	Overhead Coiling Door
084313.A	Aluminum Storefront Window
101424.A	Signs
107300.B	Wall Hung Metal Canopy

GENERAL ELEVATION NOTES

- COORDINATE EXTERIOR FINISHES WITH CHANGES IN GRADE. REFER TO SITE DRAWINGS FOR GRADE INFORMATION.
- COORDINATE LOCATION OF DOWNSPOUT BOOTS WITH SITE DRAWINGS.
- COORDINATE FOUNDATION DESIGN WITH STRUCTURAL DRAWINGS.

BUILDING ELEVATIONS AND FENCE COLUMN DETAILS  
MERCER COUNTY ATHLETIC IMPROVEMENTS - PHASE 2  
FOR:  
MERCER COUNTY BOARD OF EDUCATION  
HARRODSBURG, KY

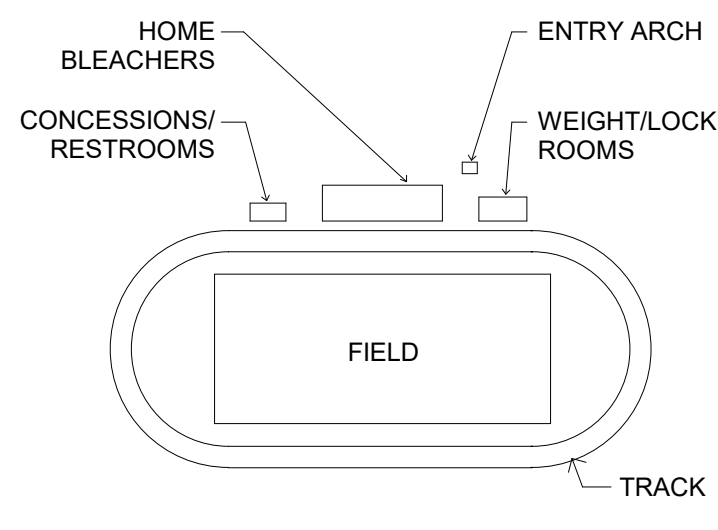
M.E.&P. Engineers  
CMTA, Inc.  
Lexington, KY Office  
p 859.253.0892  
Structural Engineer  
Structural Design Group, Inc.  
p 615.255.5537  
Construction Manager  
Tisco Creek Construction, Inc.  
p 606.796.3867

BG 25-362

Project No: 25012  
Drawn By: DR  
Revised By: BB/DS  
SHEET RELEASE

KEY PLAN

MERCER COUNTY SENIOR HIGH SCHOOL

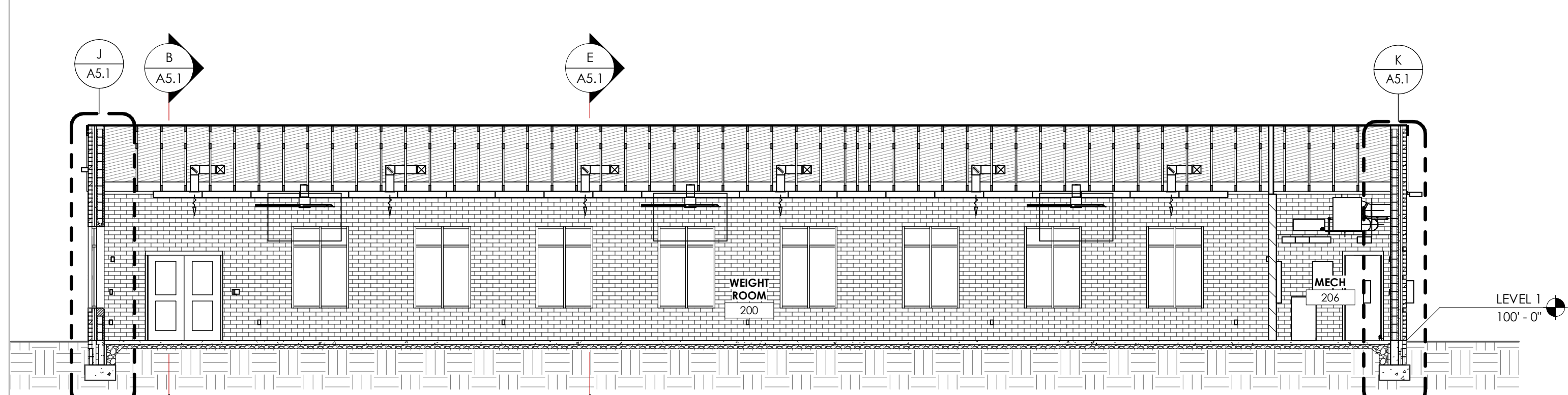
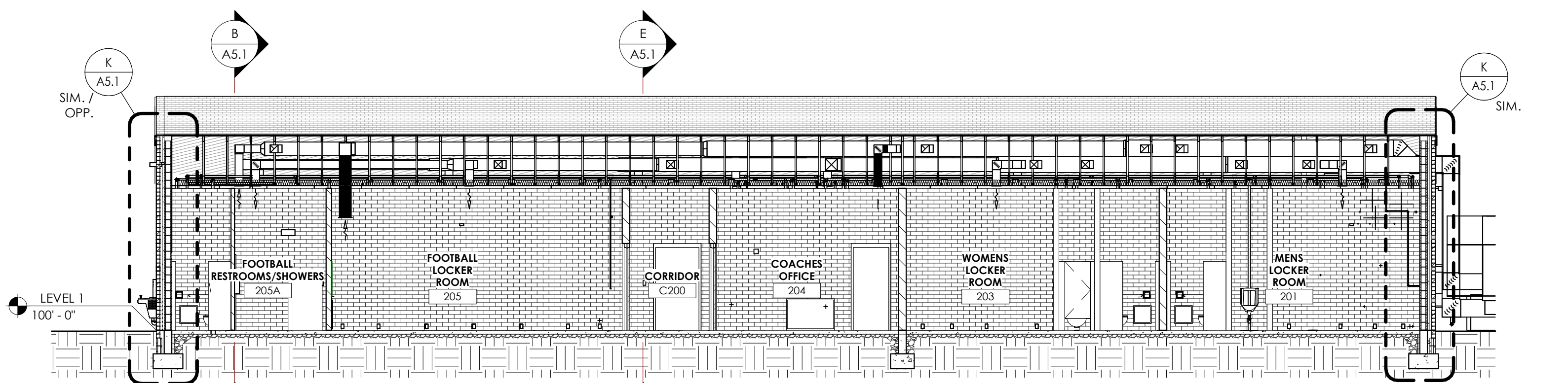
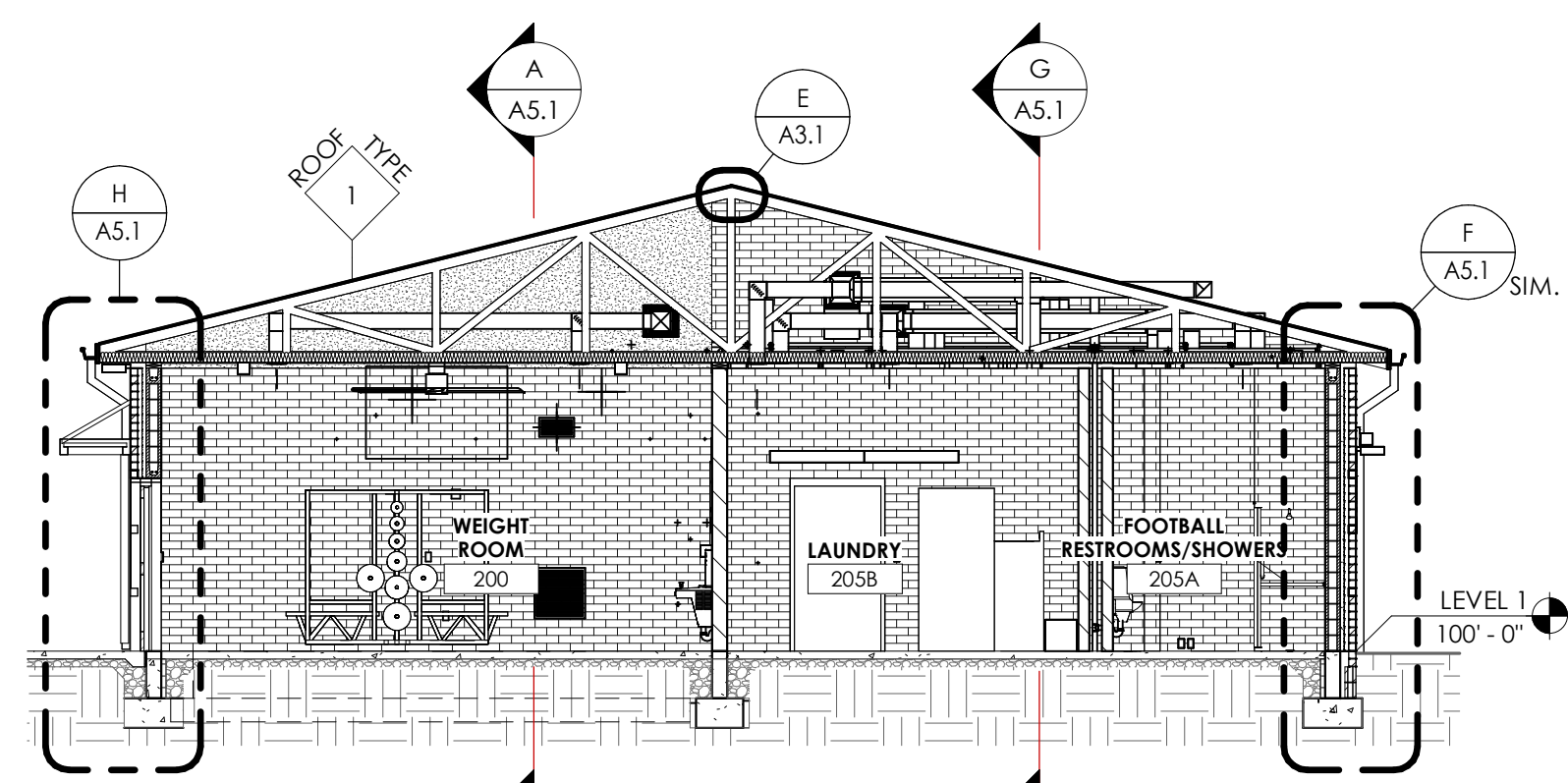
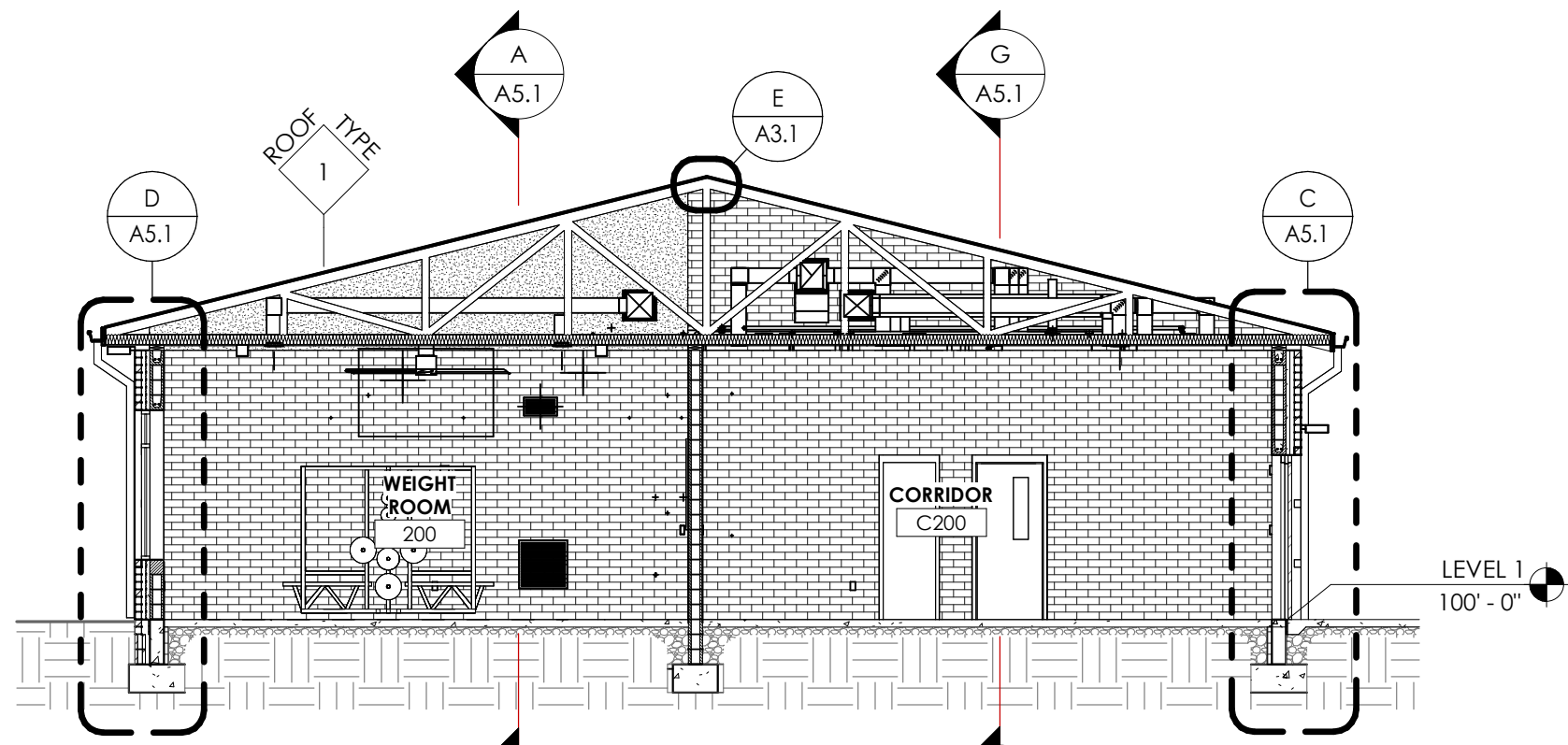
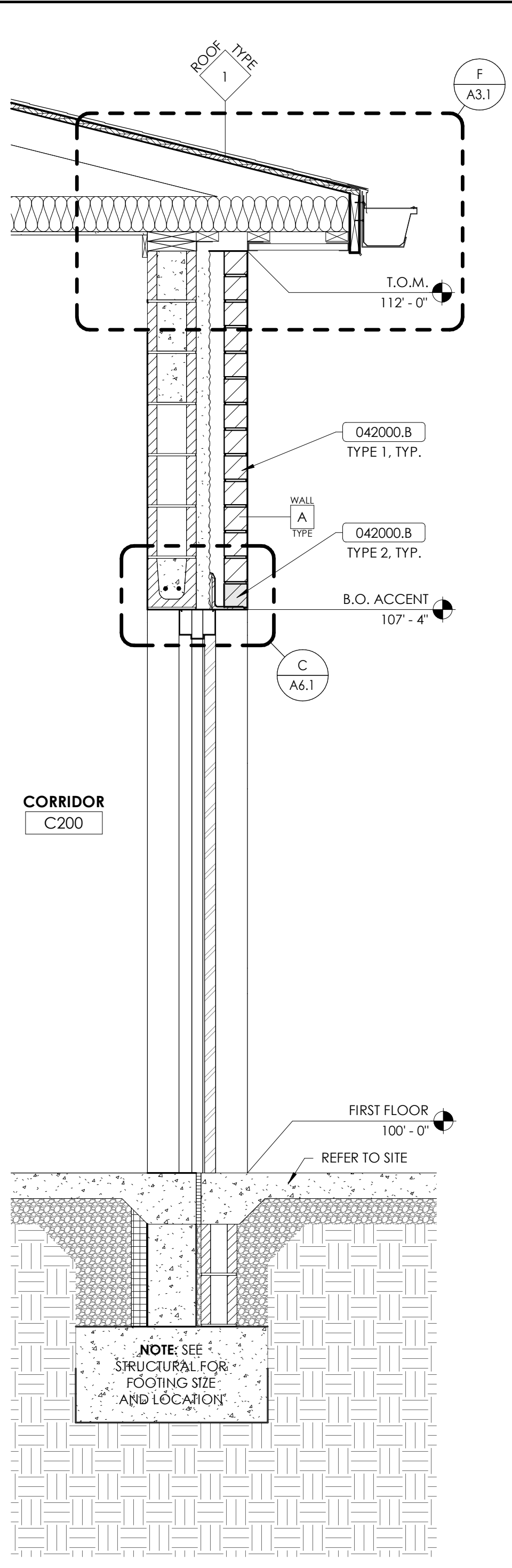
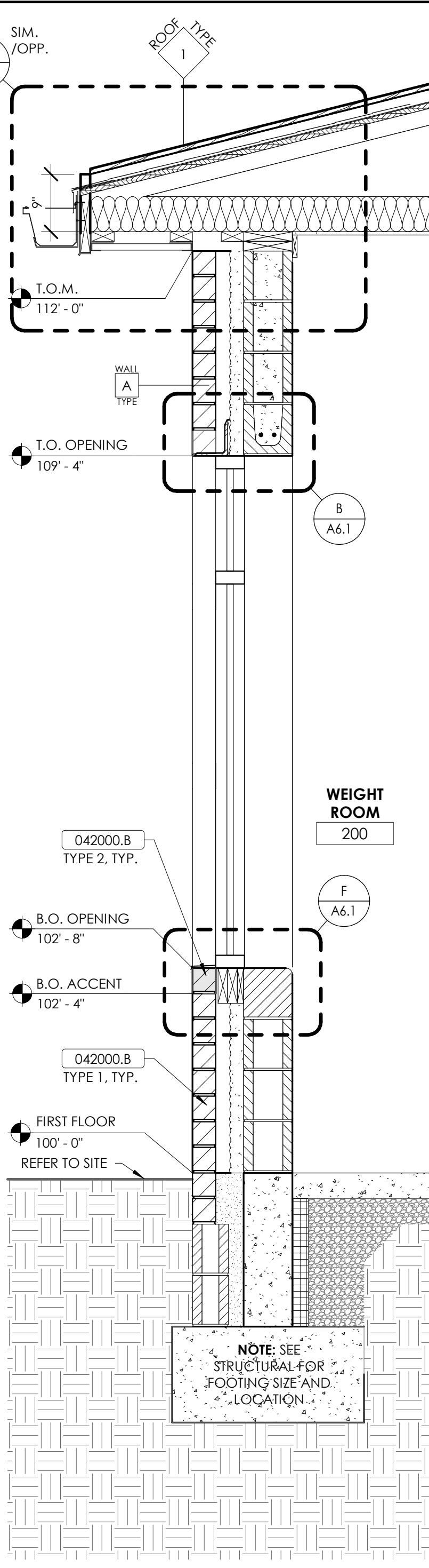
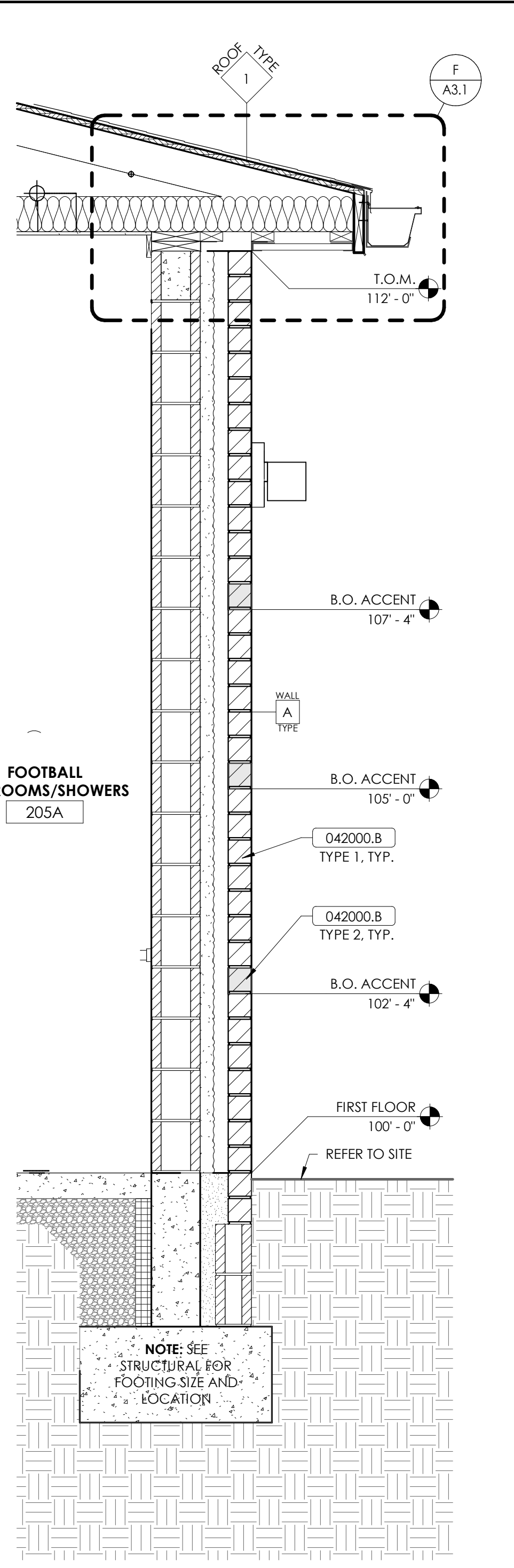
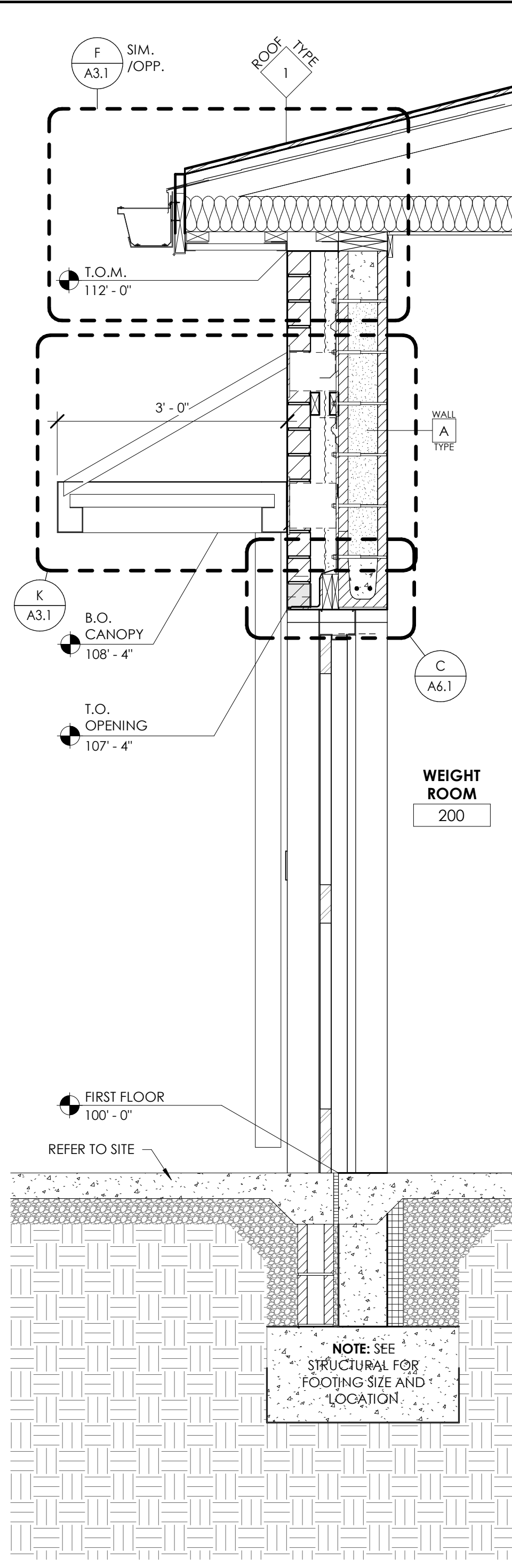
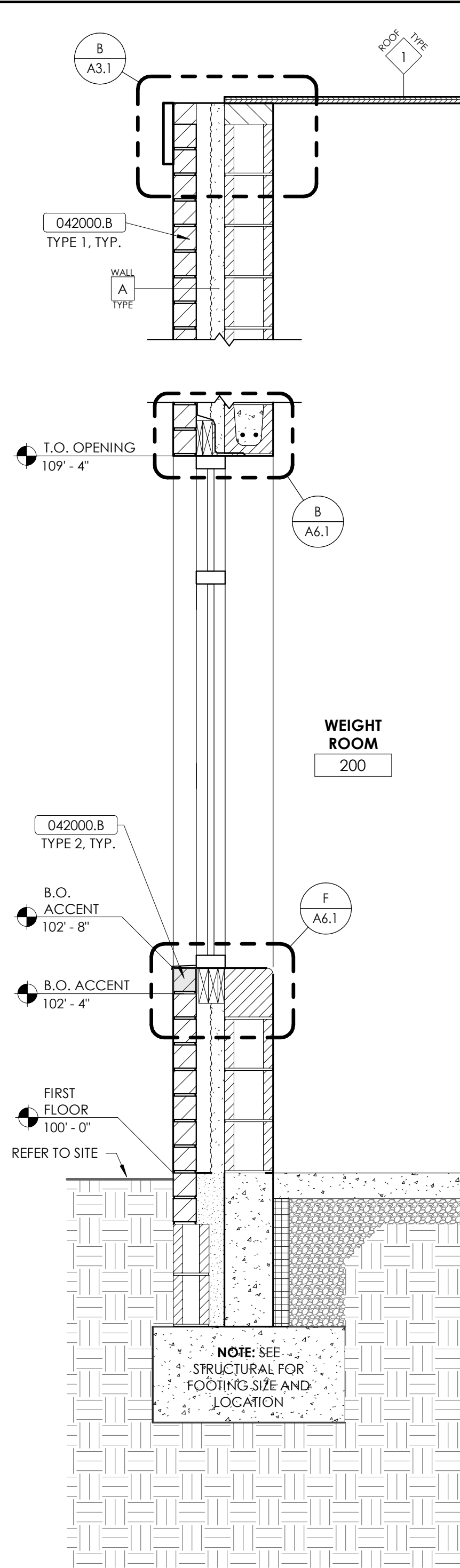
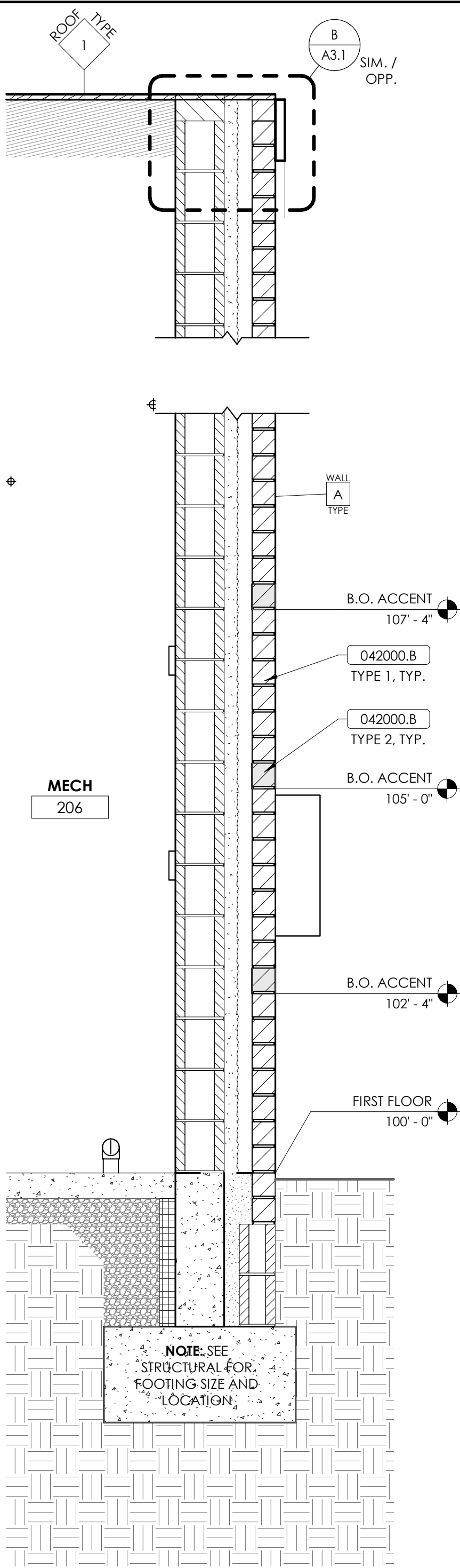


SCALE: NTS

CONSTRUCTION DOCUMENTS  
A4.1  
BUILDING ELEVATIONS AND  
FENCE COLUMN DETAILS  
DATE ISSUED:  
MARCH 5, 2026



REVISIONS		
#	DATE	DESCRIPTION



MATERIAL REFERENCE

042000.B Face Brick

ATHLETICS - BUILDING AND WALL SECTIONS  
MERCER COUNTY ATHLETIC IMPROVEMENTS - PHASE 2  
FOR:  
MERCER COUNTY BOARD OF EDUCATION  
HARRDSBURG, KY

M.E.A.P. Engineers  
CMTA, Inc.  
Lexington, KY Office  
p 859.253.0892  
Structural Engineer  
Structural Design Group, Inc.  
p 615.255.5537  
Construction Manager  
Traco Creek Construction, Inc.  
p 606.796.3867

BG 25-362

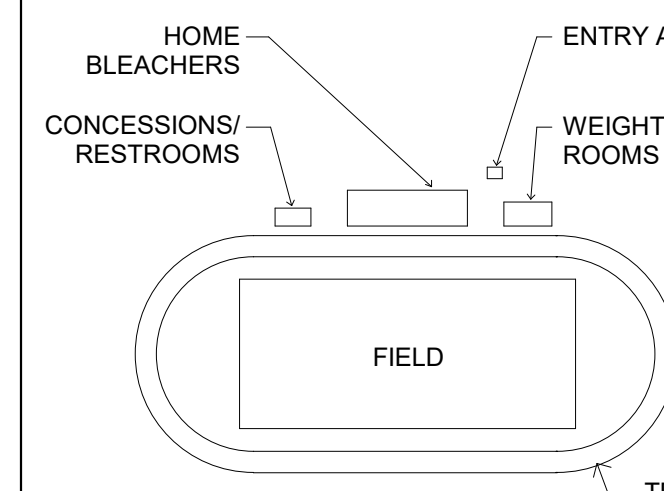
Project No: 25012  
Drawn By: DR  
Rev'd By: BB/DS  
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A5.1  
ATHLETICS - BUILDING AND  
WALL SECTIONS  
DATE ISSUED:  
MARCH 5, 2026

KEY PLAN

MERCER COUNTY SENIOR HIGH SCHOOL



SCALE: NTS

[illegible]

MATERIAL REFERENCE	
042000.B	Face Brick

**2T**  
**rosstarrant architects**  
**a MORE group brand**  
101 old layayette avenue lexington, kentucky 40502 p 859.754.4008

NOT FOR  
CONSTRUCTION

CONCESSIONS - BUILDING AND WALL SECTIONS  
MERCER COUNTY ATHLETIC IMPROVEMENTS - PHASE 2  
FOR:  
MERCER COUNTY BOARD OF EDUCATION  
HARRODSBURG, KY

M.E.&P Engineer:  
CMTA, Inc.  
Lexington, KY Office  
p 859.253.0892

Structural Engineer:  
Structural Design Group, Inc.  
p 615.255.5537

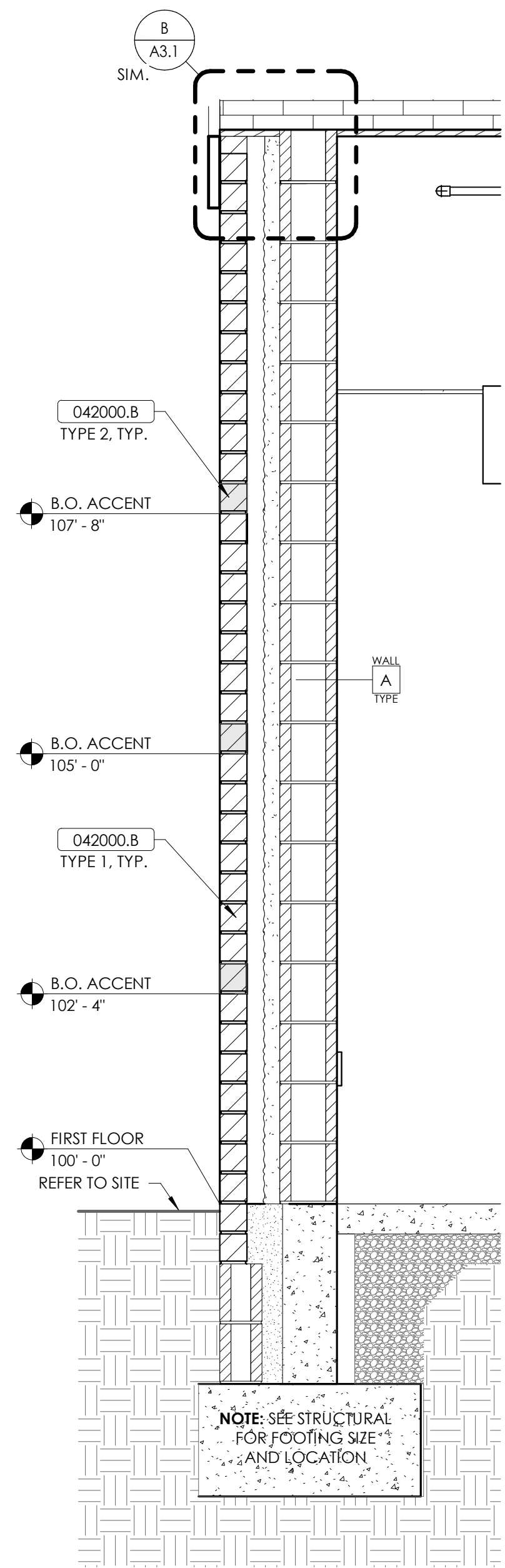
Construction Manager:  
Trace Creek Construction, Inc.  
p 606.796.3867

BG 25-362

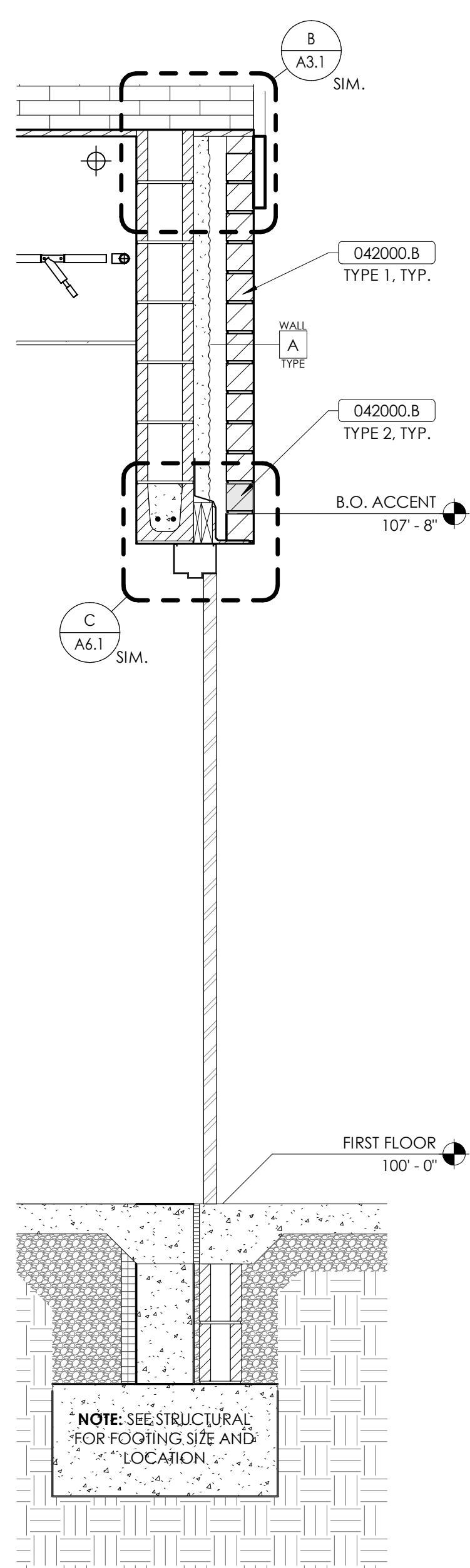
Project No:	25012
Drawn By:	DR
Rev'd By:	BB/DS

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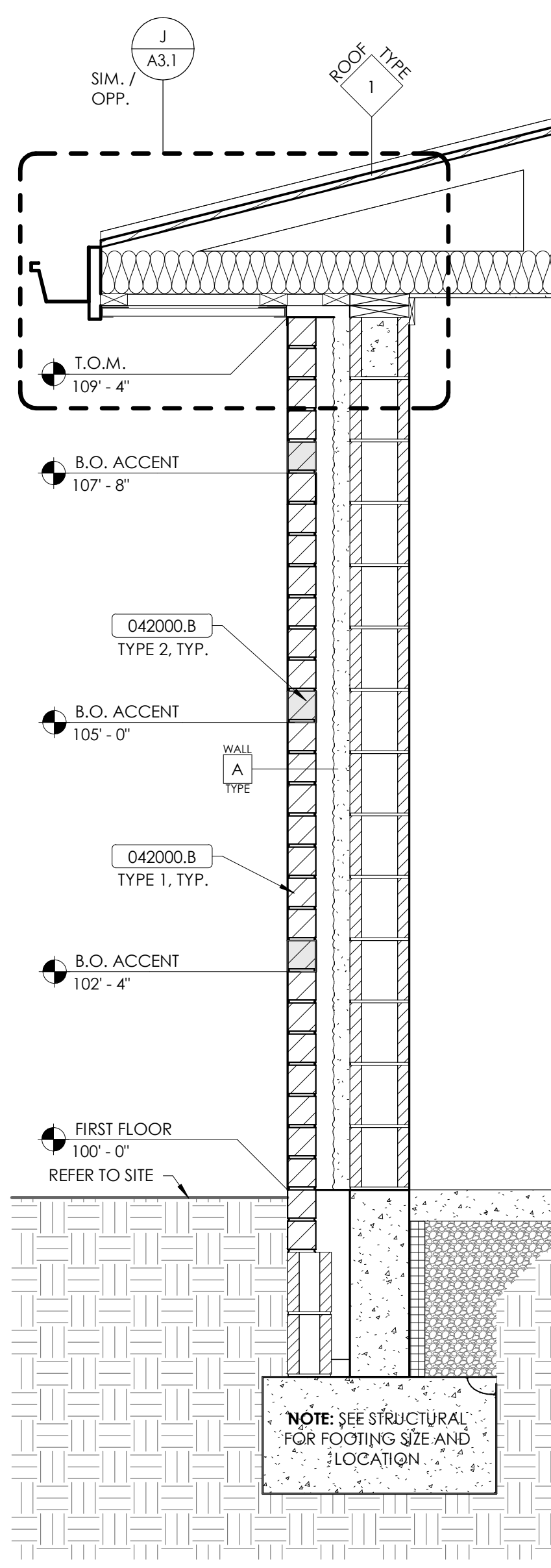
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CONCESSIONS - BUILDING  
AND WALL SECTIONS  
DATE ISSUED:  
MARCH 5, 2026



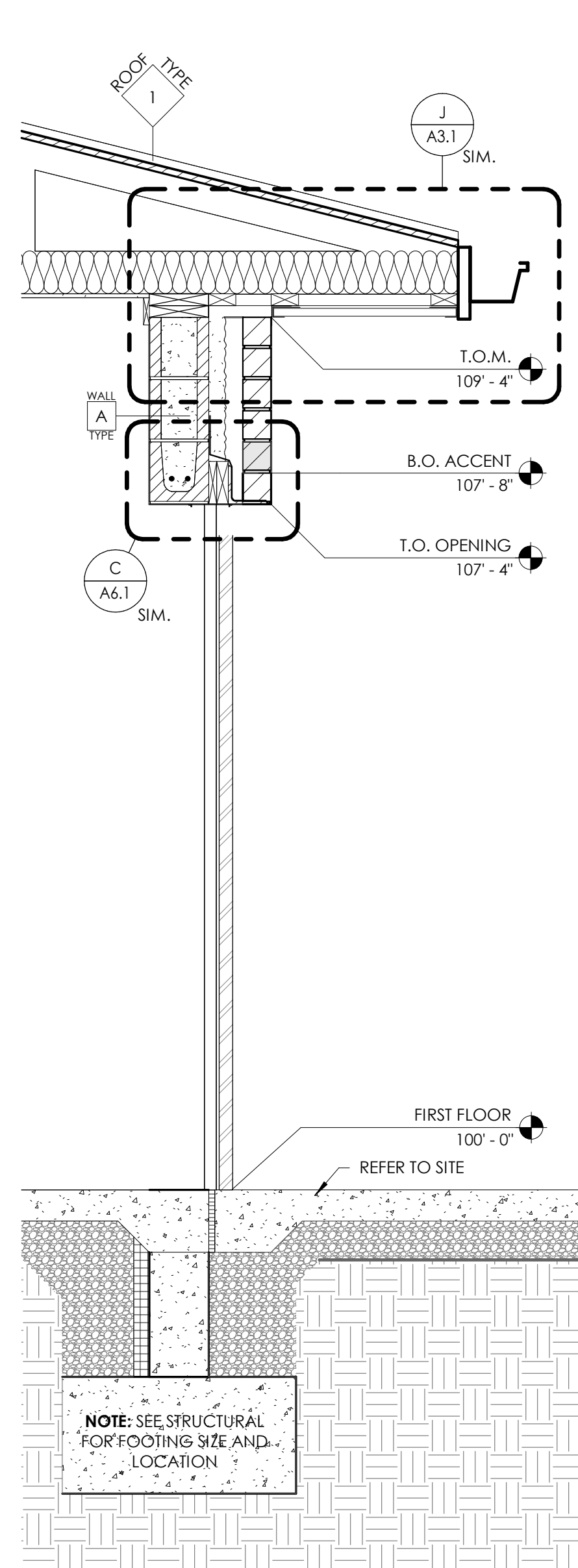
CONCESSIONS - WALL SECTION H  
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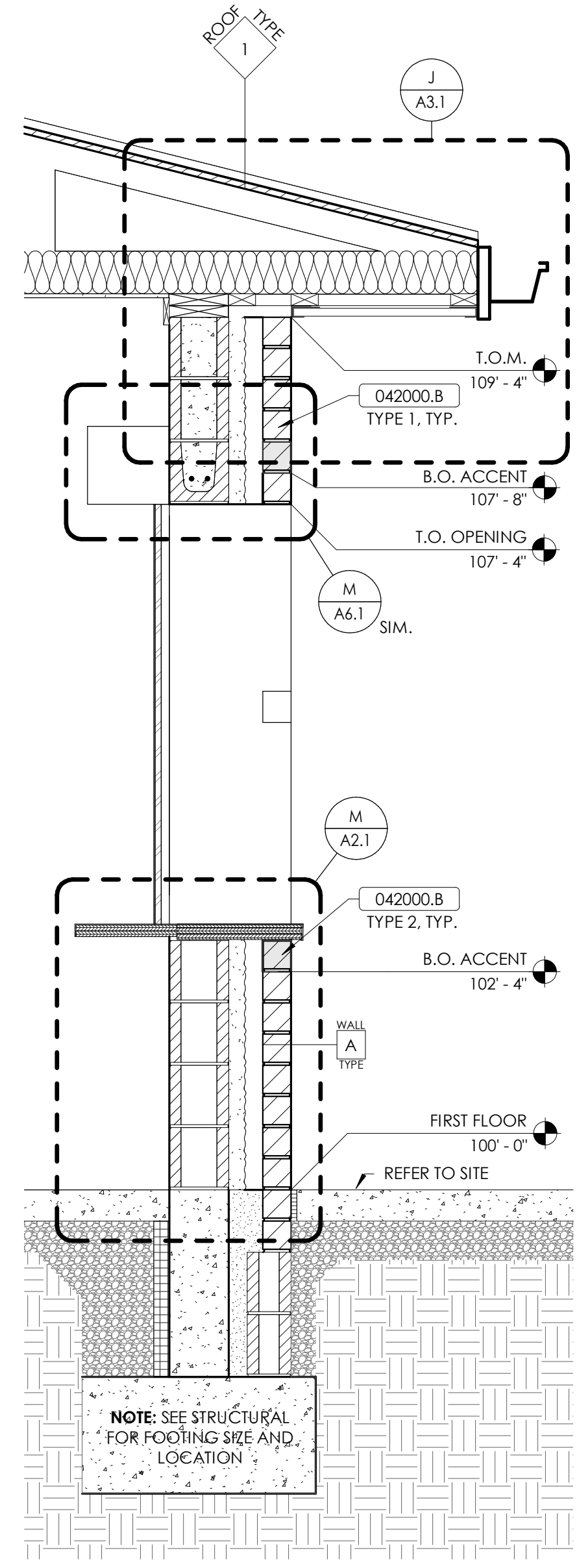
CONCESSIONS - WALL SECTION G  
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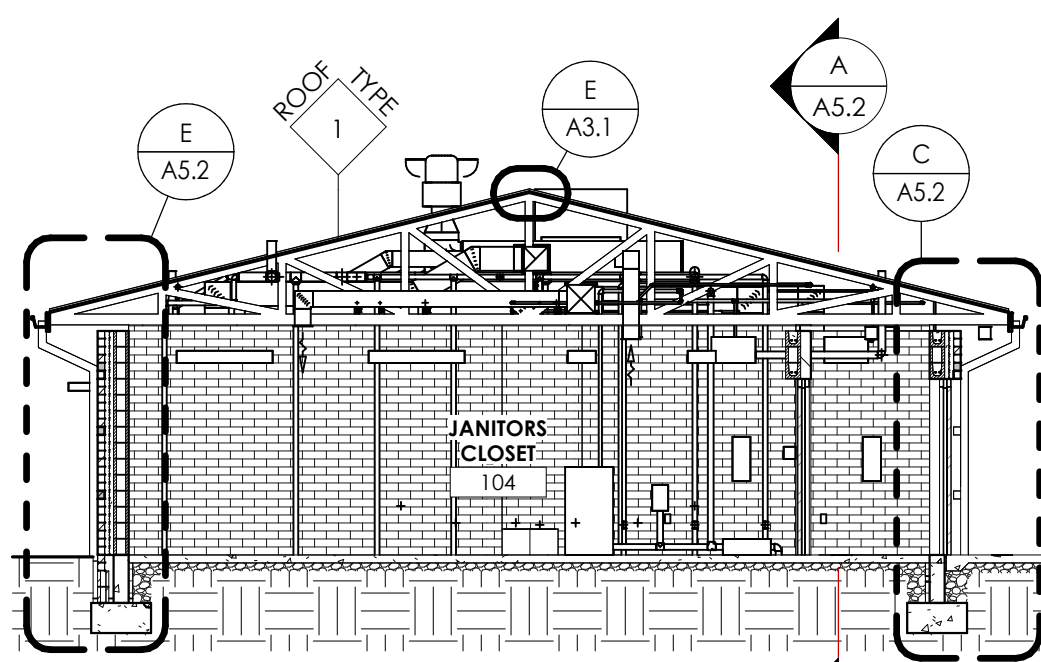
CONCESSIONS - WALL SECTION E  
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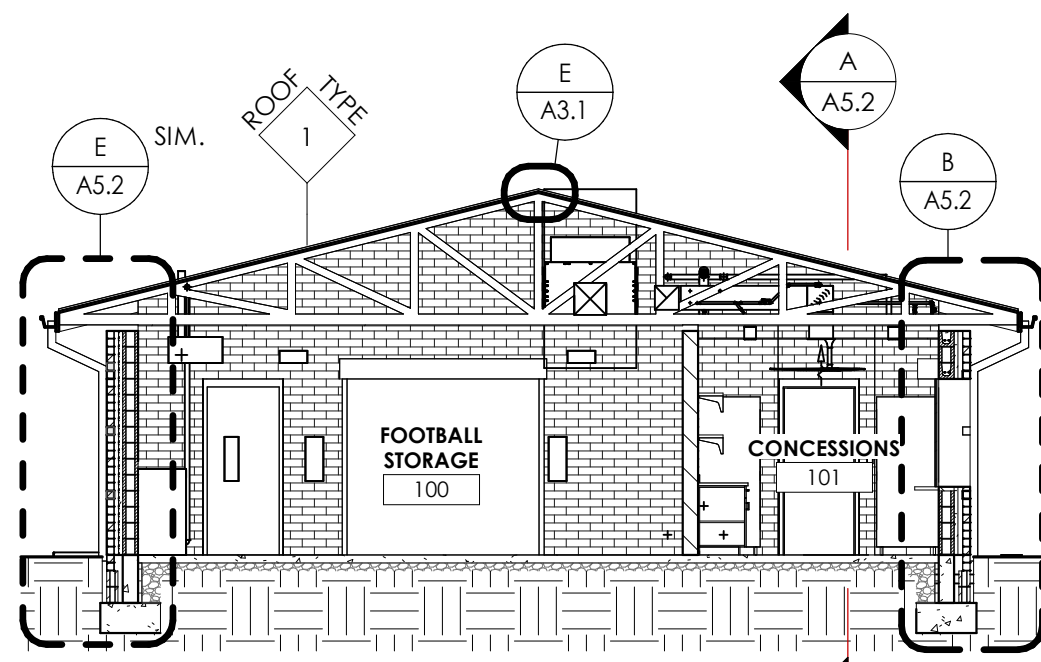
CONCESSIONS - WALL SECTION C  
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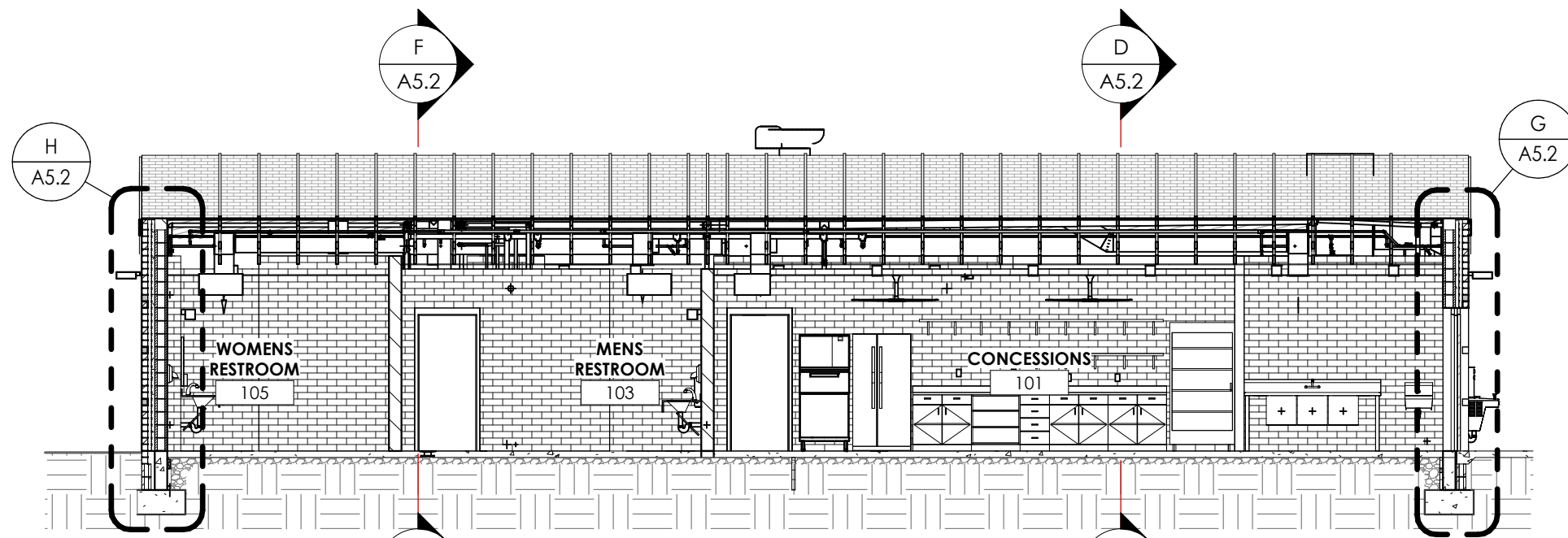
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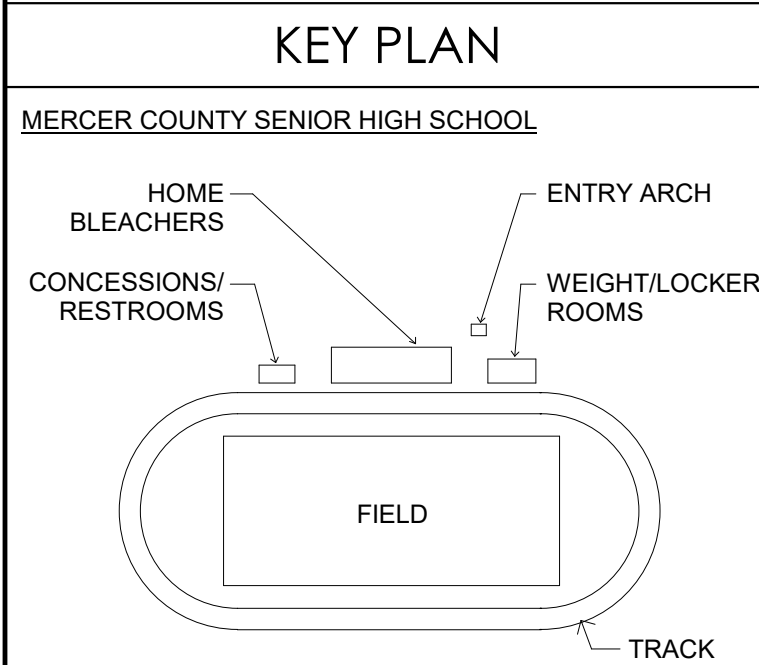
CONCESSIONS - BUILDING SECTION



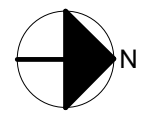
CONCESSIONS - BUILDING SECTION  
1/8" = 1'-0" D  
A5.2

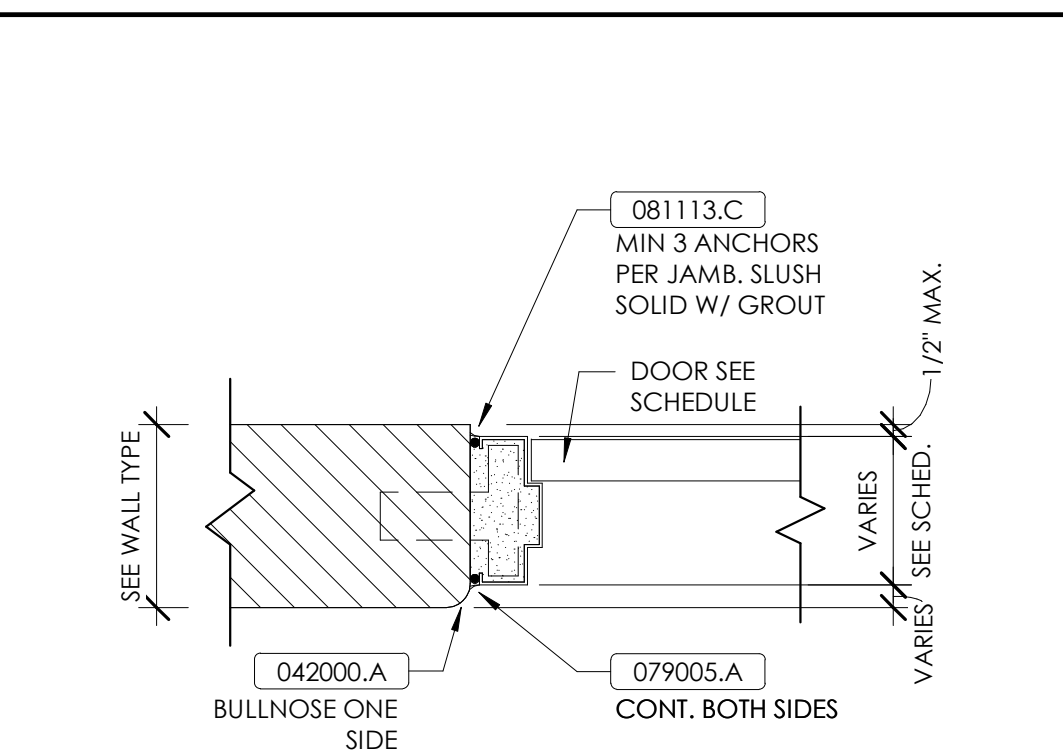


CONCESSIONS - BUILDING SECTION

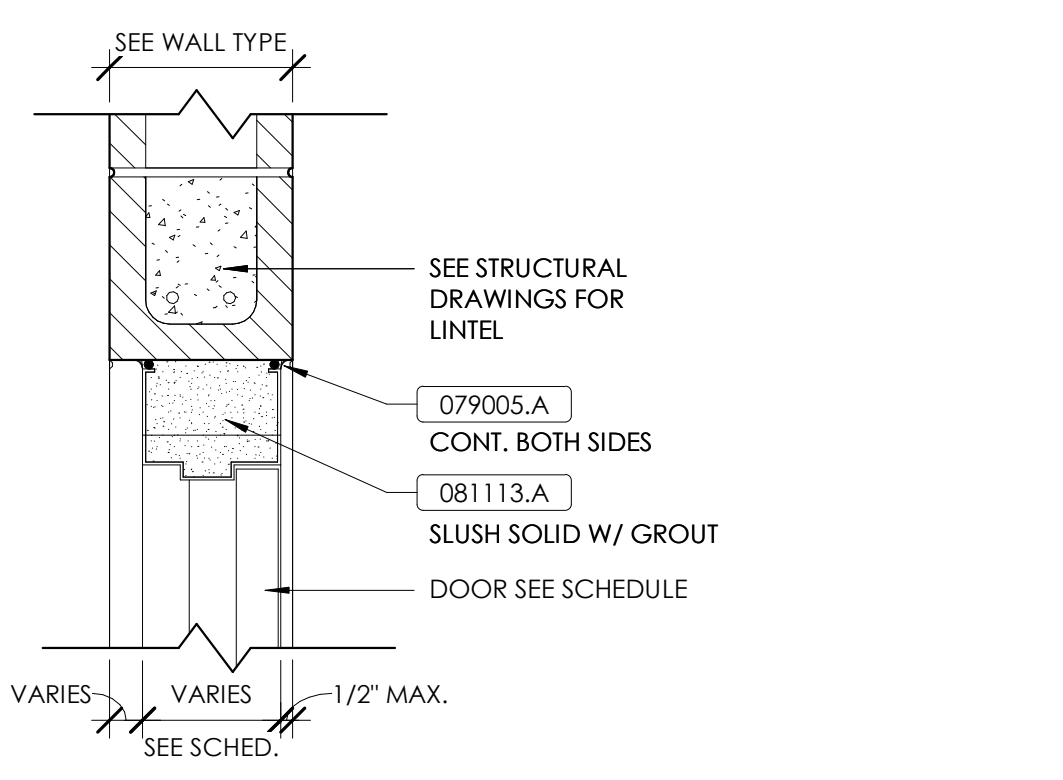


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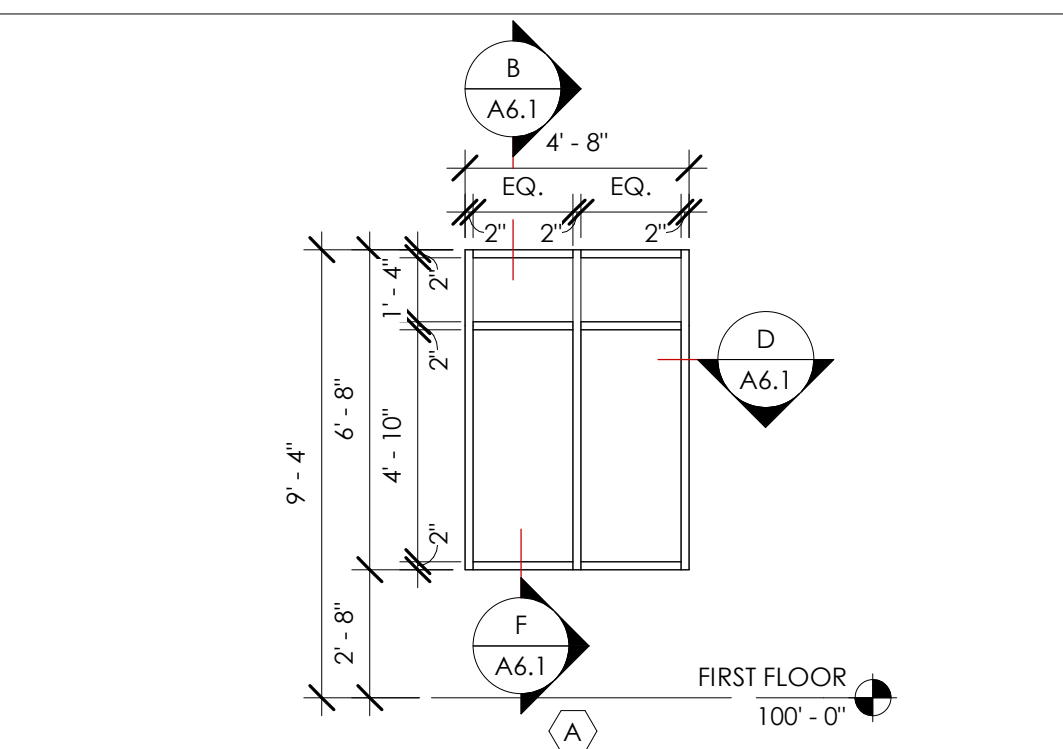


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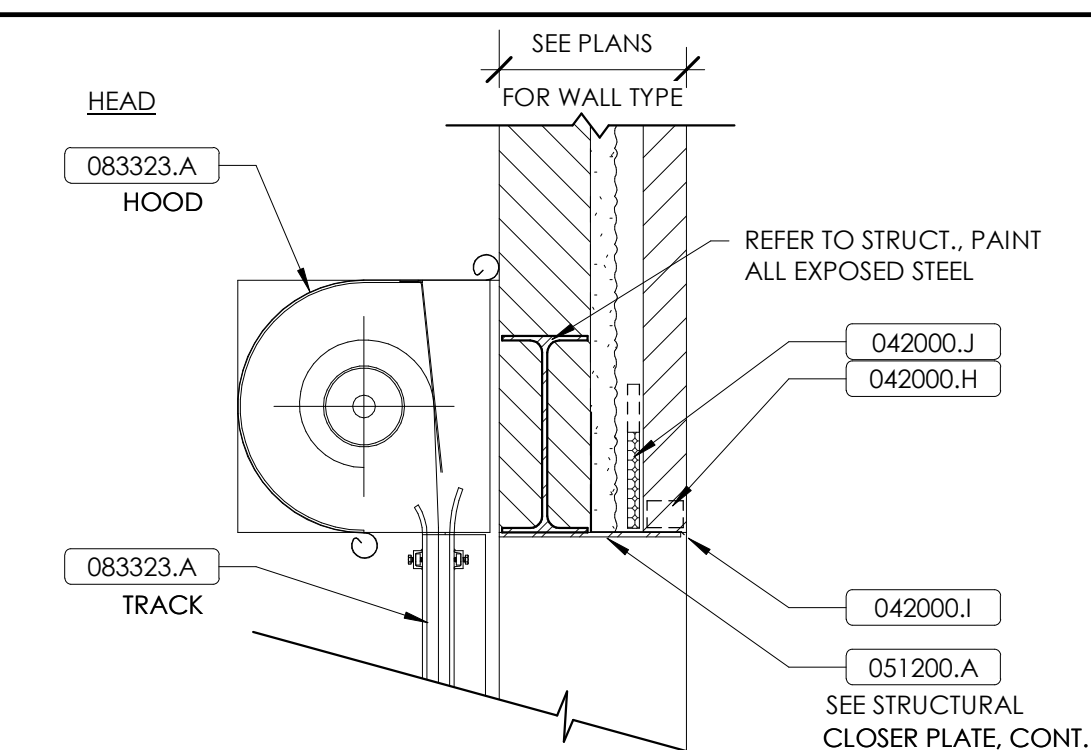
HM INT DOOR JAMB - CMU - 180 SWING Q  
1 1/2" = 1'-0" A6.1



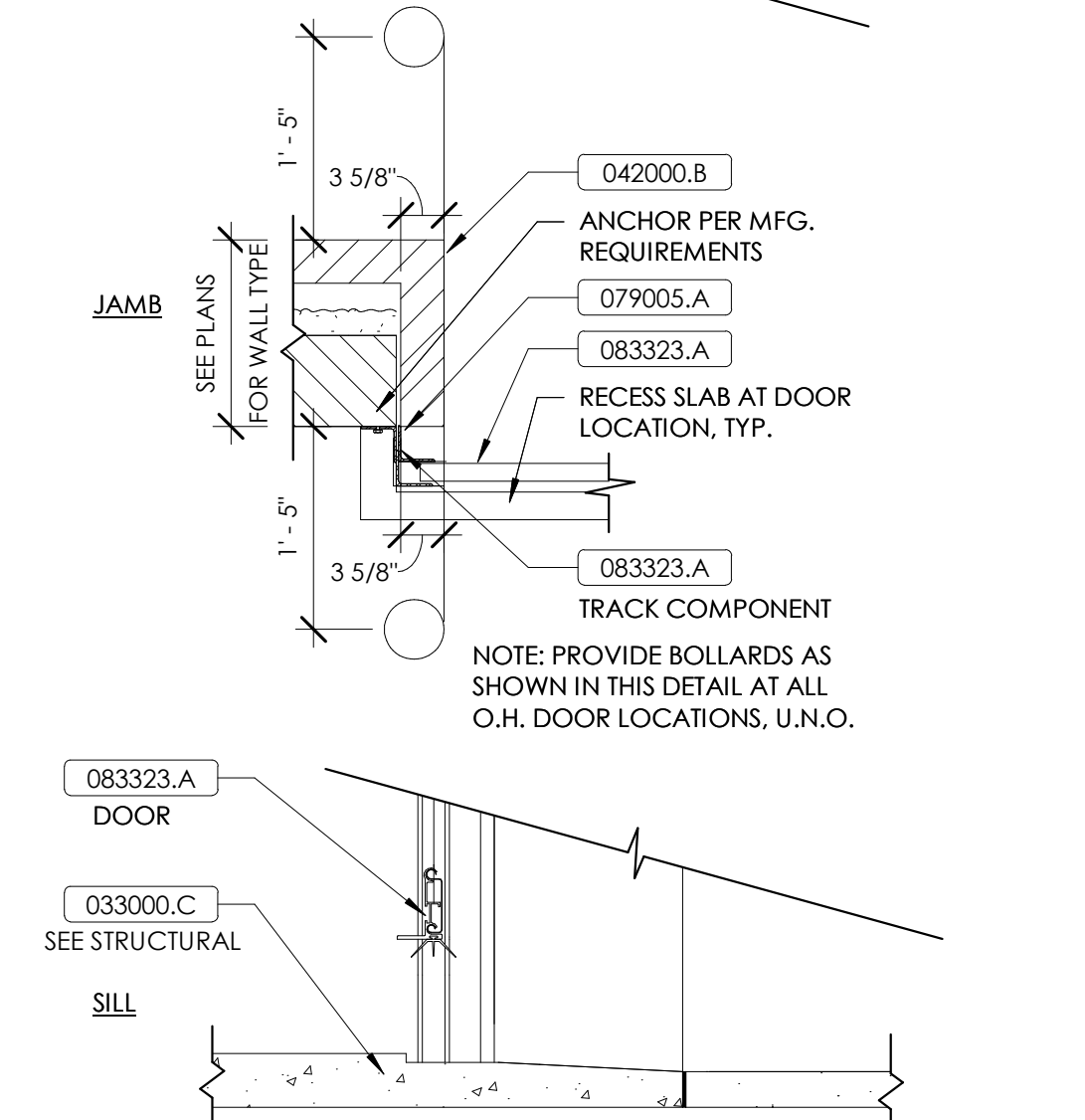
HM INT DOOR HEAD - CMU - 180 SWING



ALUM. SF - FRAME TYPE



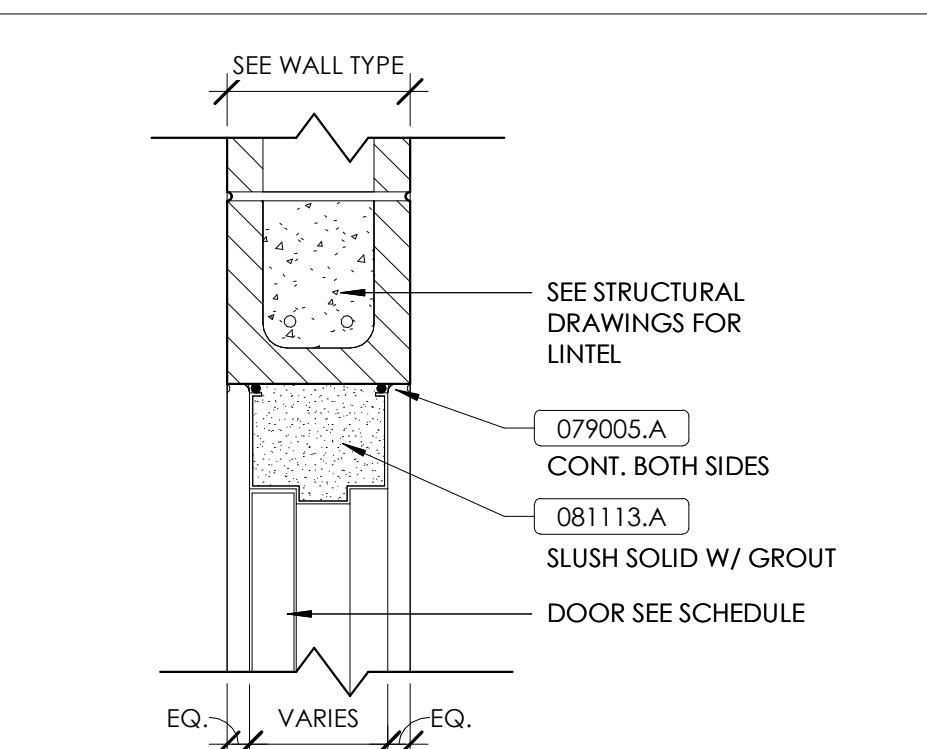
EXT. OVERHEAD COILING DOOR DETAILS



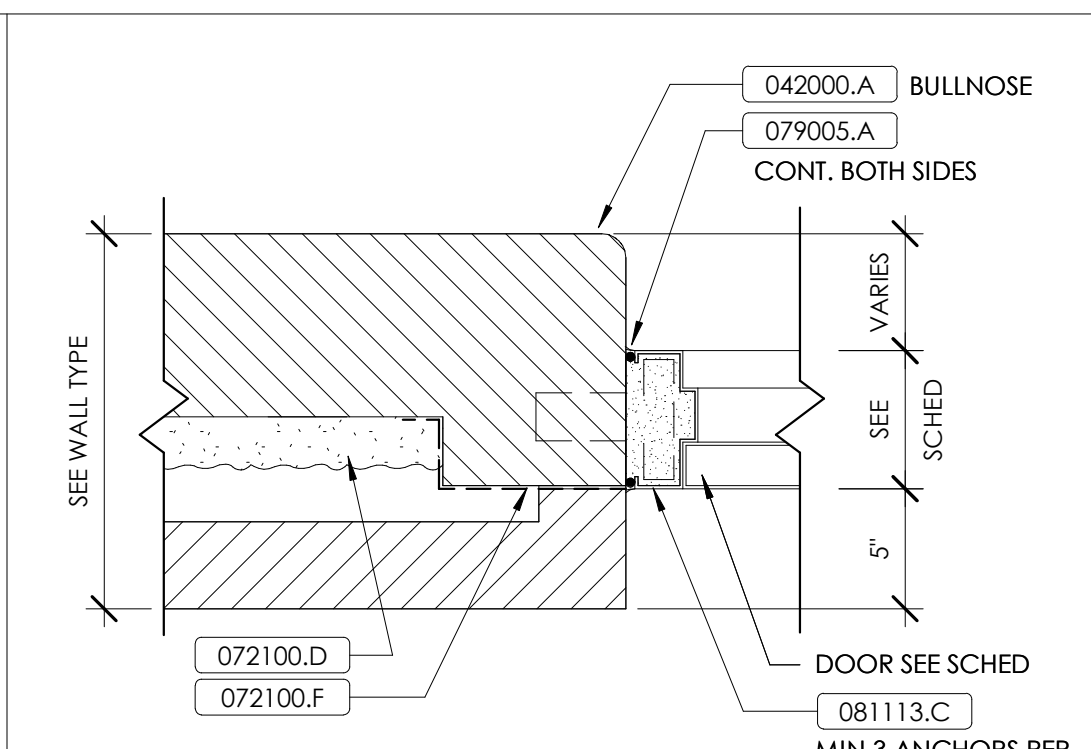
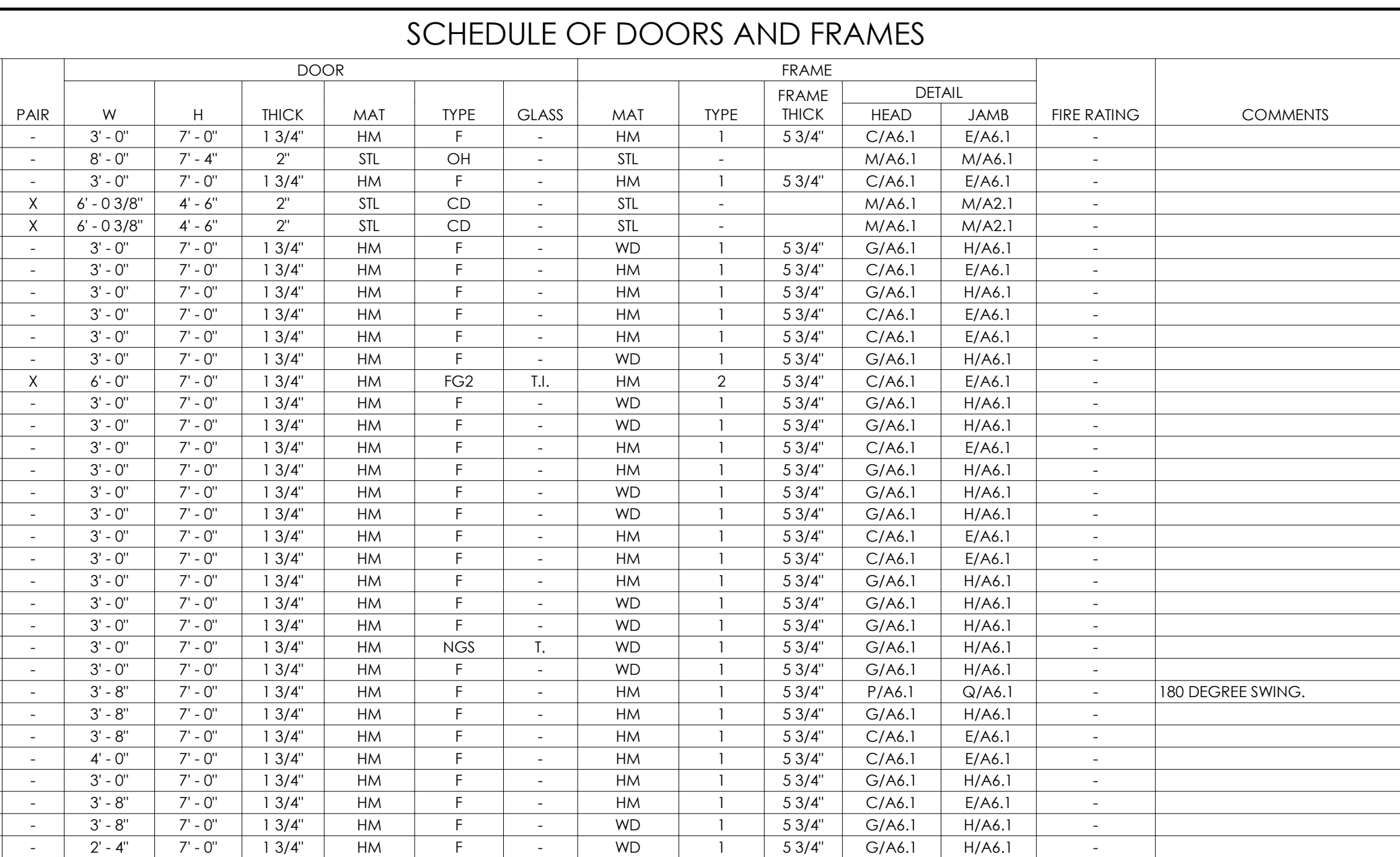
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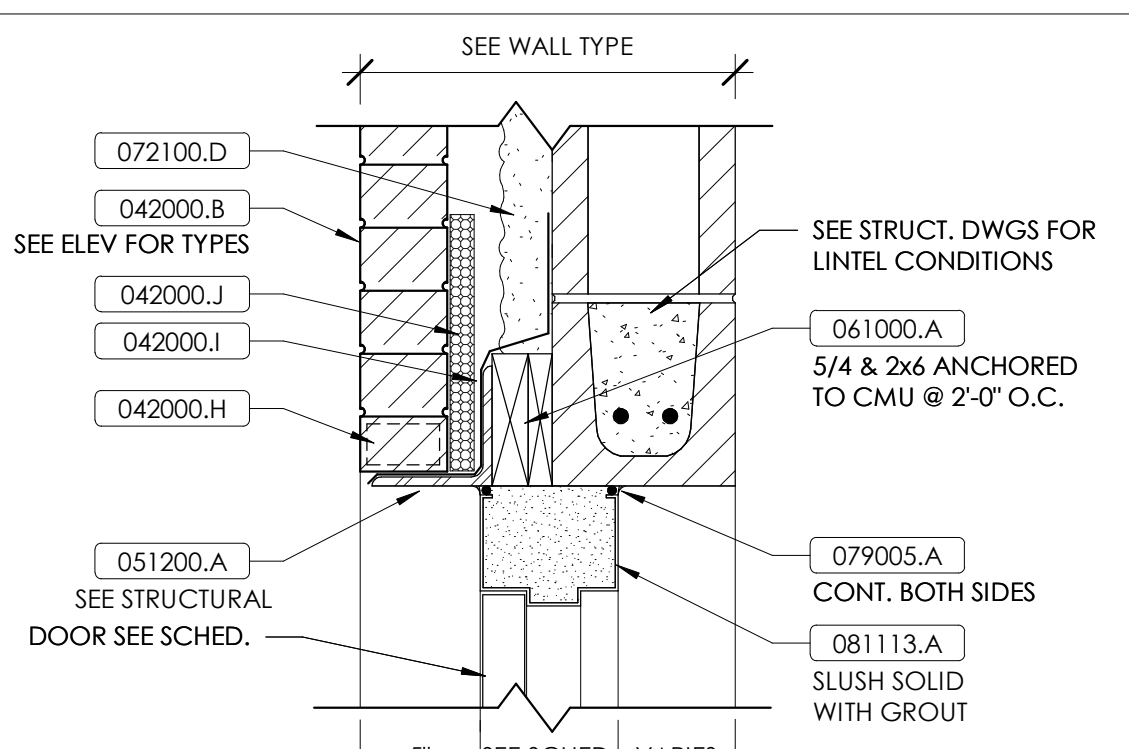
HM INT/EXT DOOR JAMB - CMU H  
A6.1



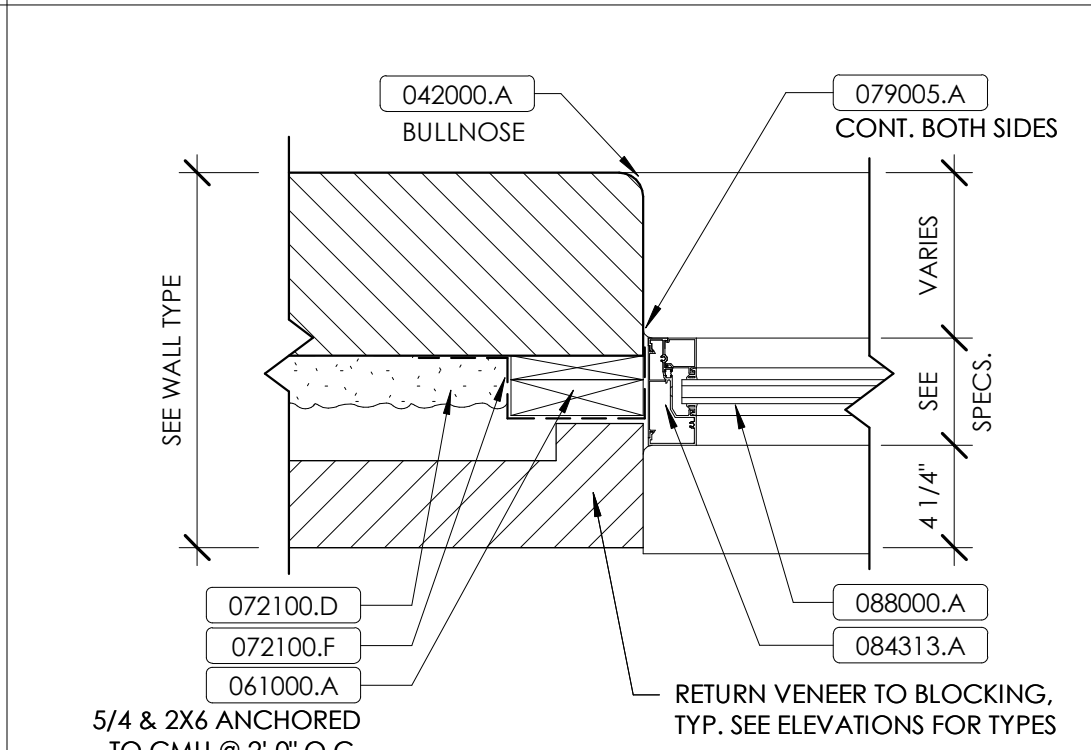
HM INT/EXT DOOR HEAD - CMU G  
1 1/2" = 1'-0" A6.1



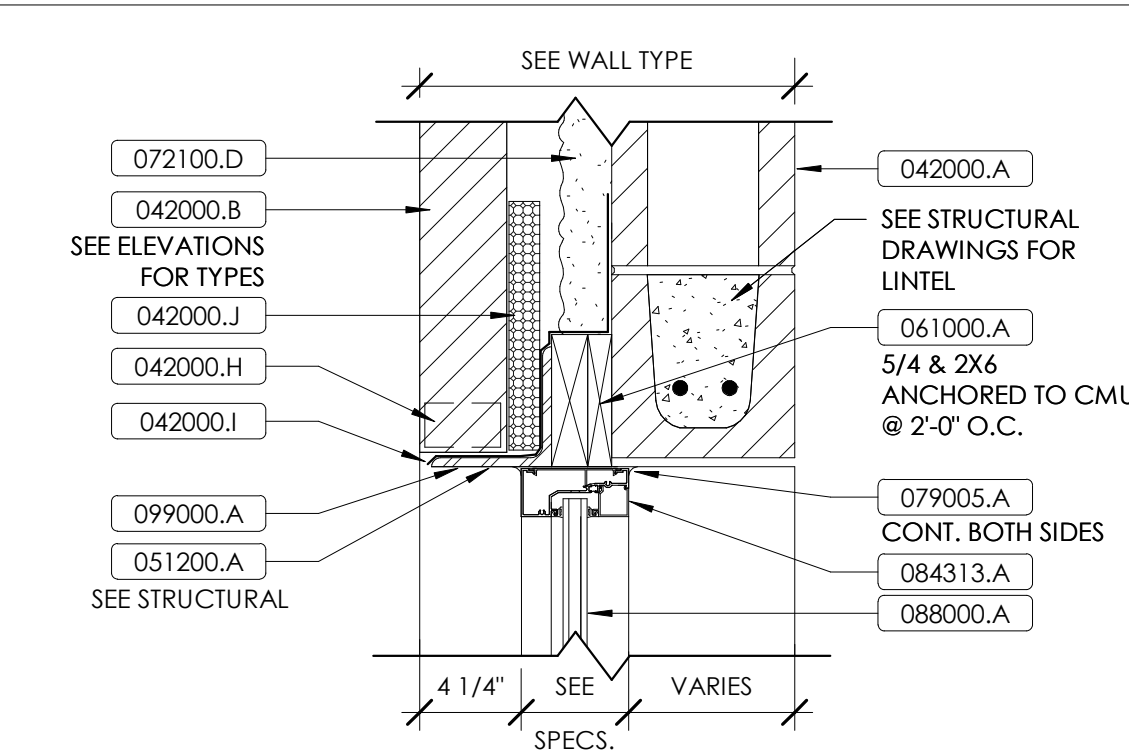
HM EXT JAMB - CMU



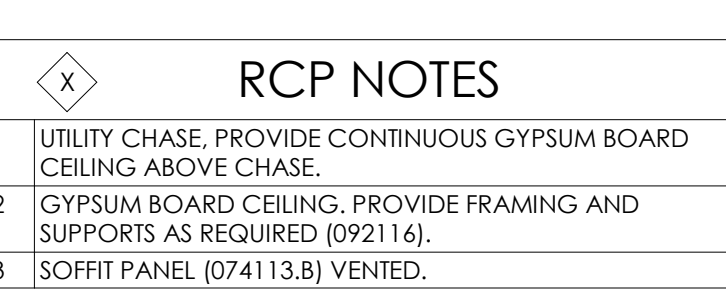
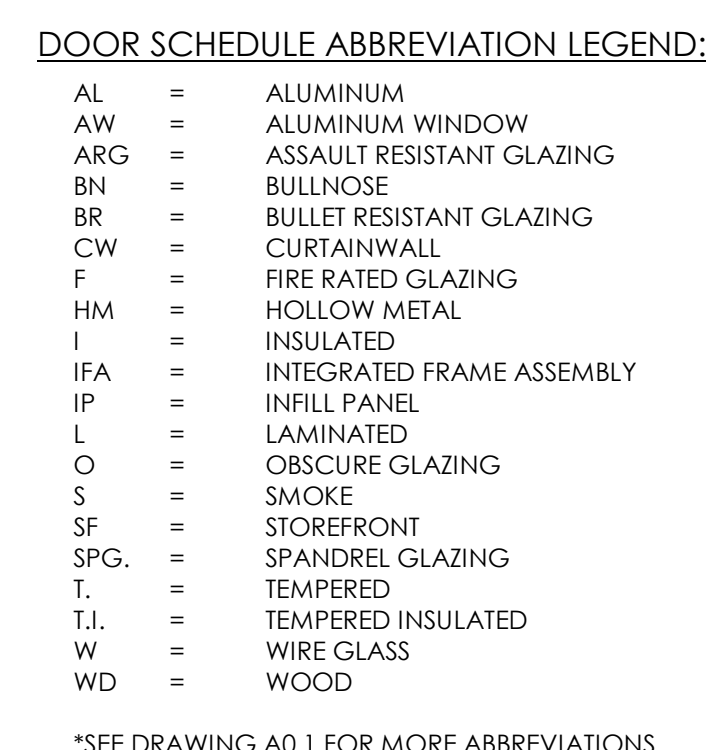
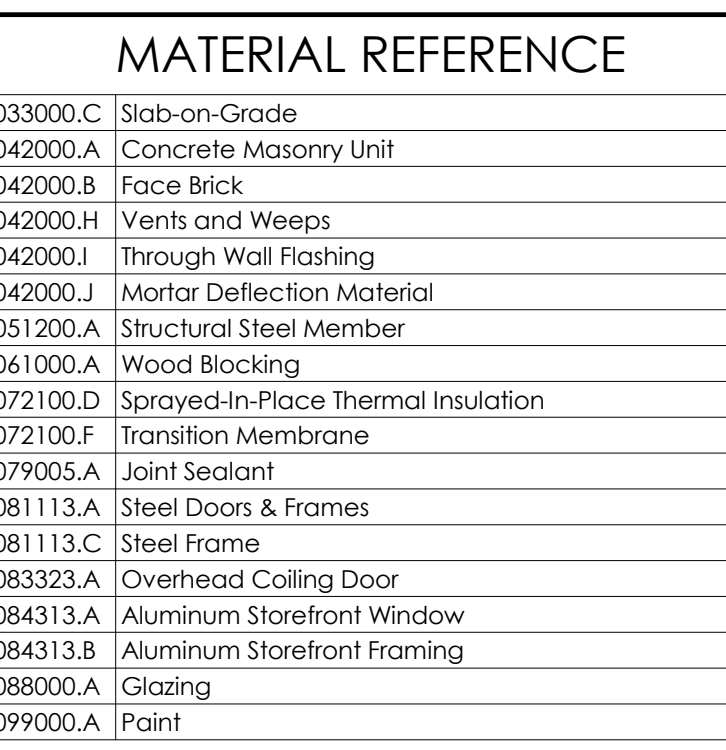
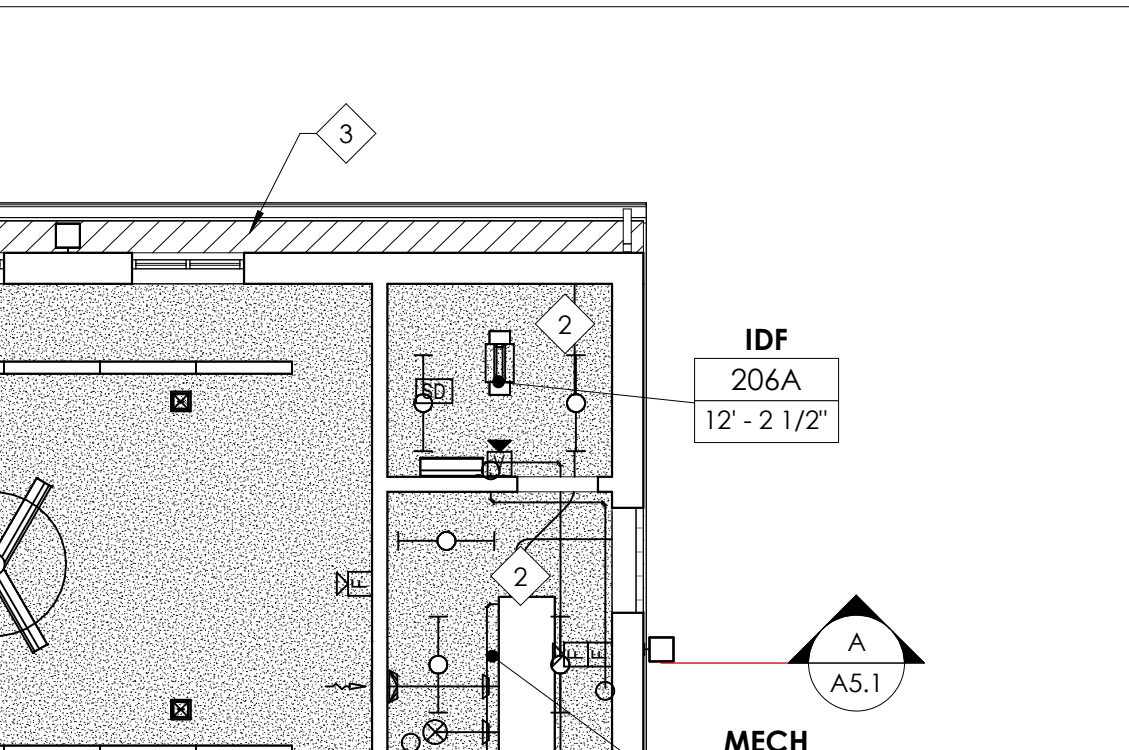
HM EXT HEAD - CMU



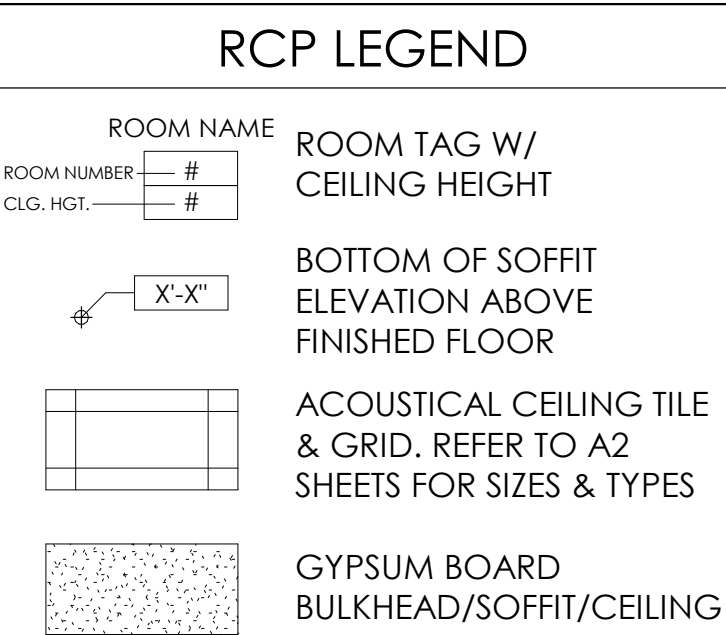
ALUM. S.F. EXT JAMB



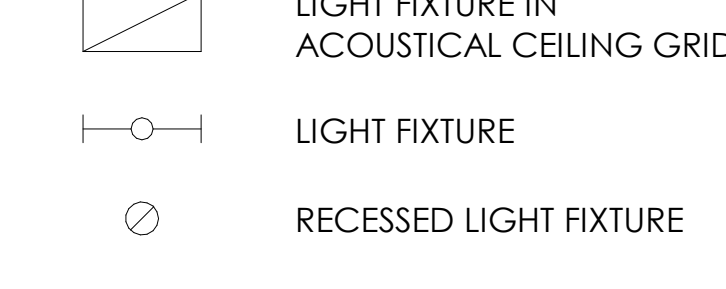
ALUM. S.F. EXT HEAD - CMU 1



RCP LEGEND



 HVAC DIFFUSER



## KEY PLAN

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MERCER COUNTY SENIOR HIGH SCHOOL

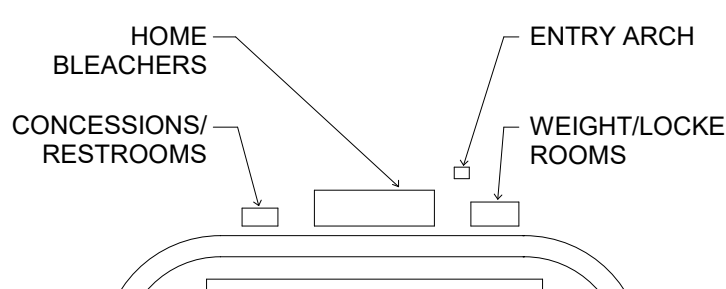
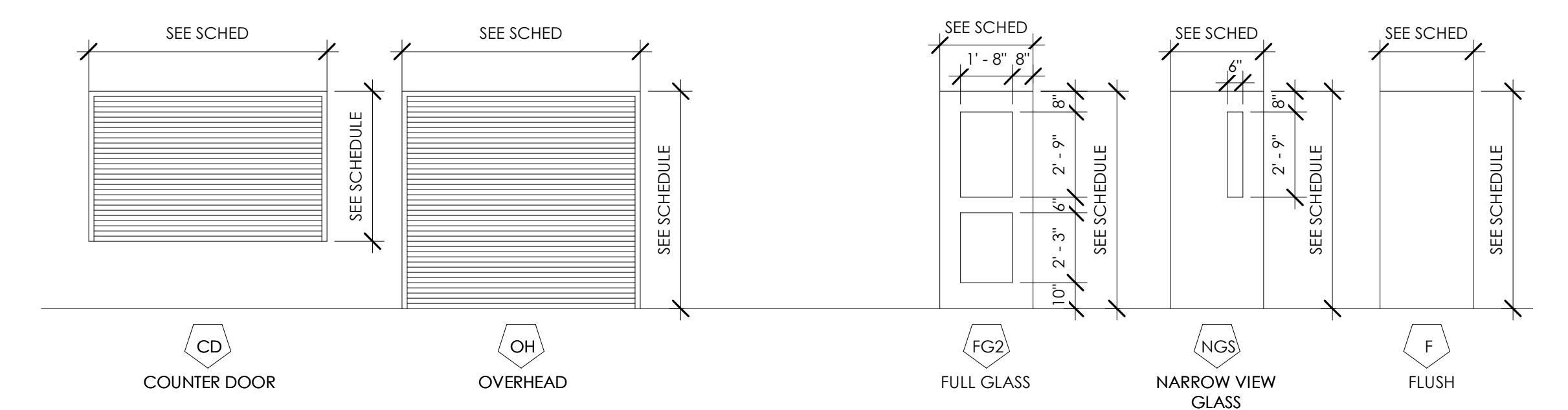
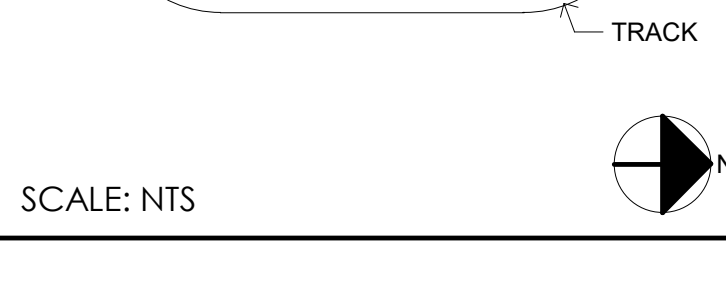
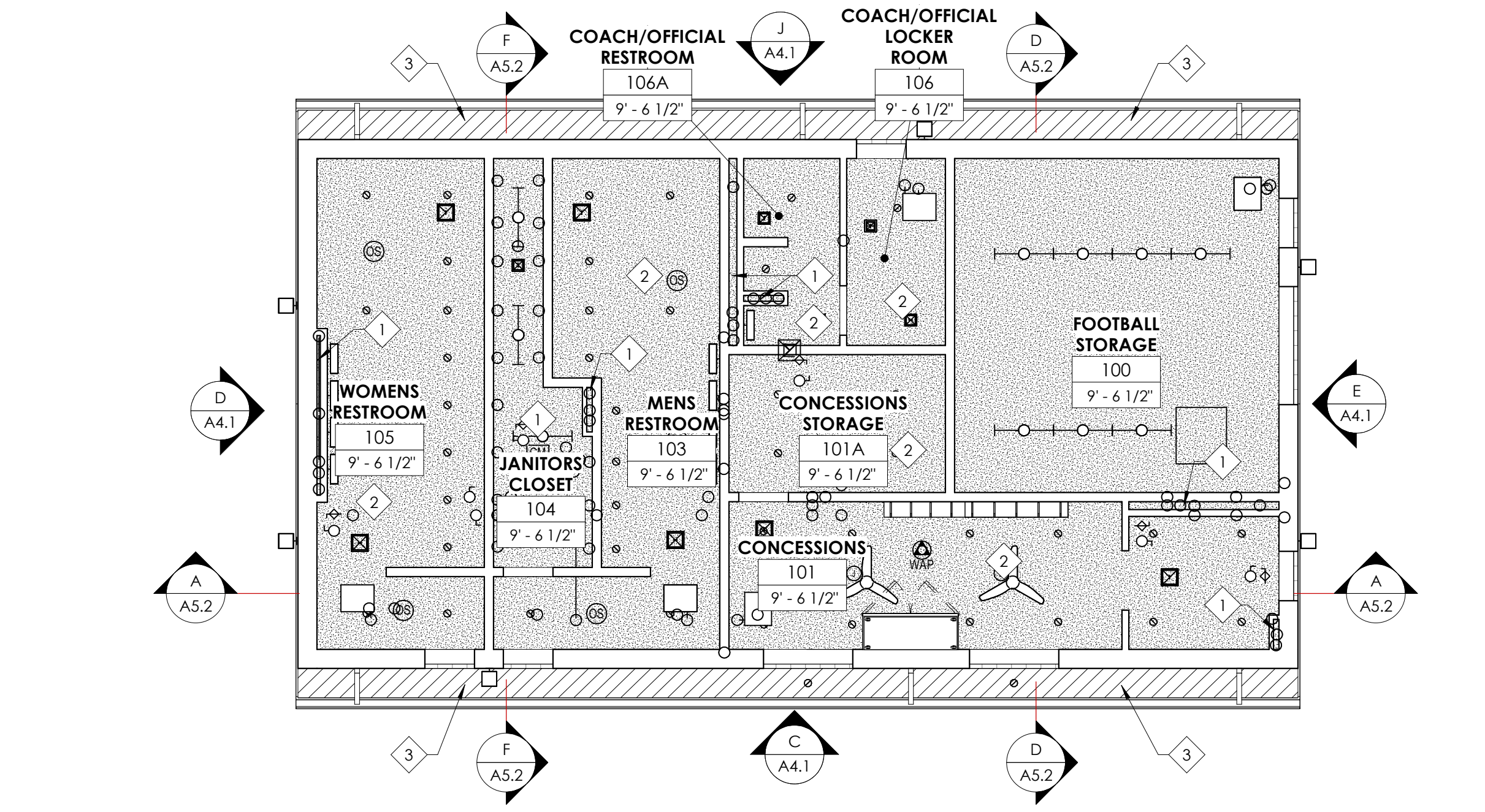


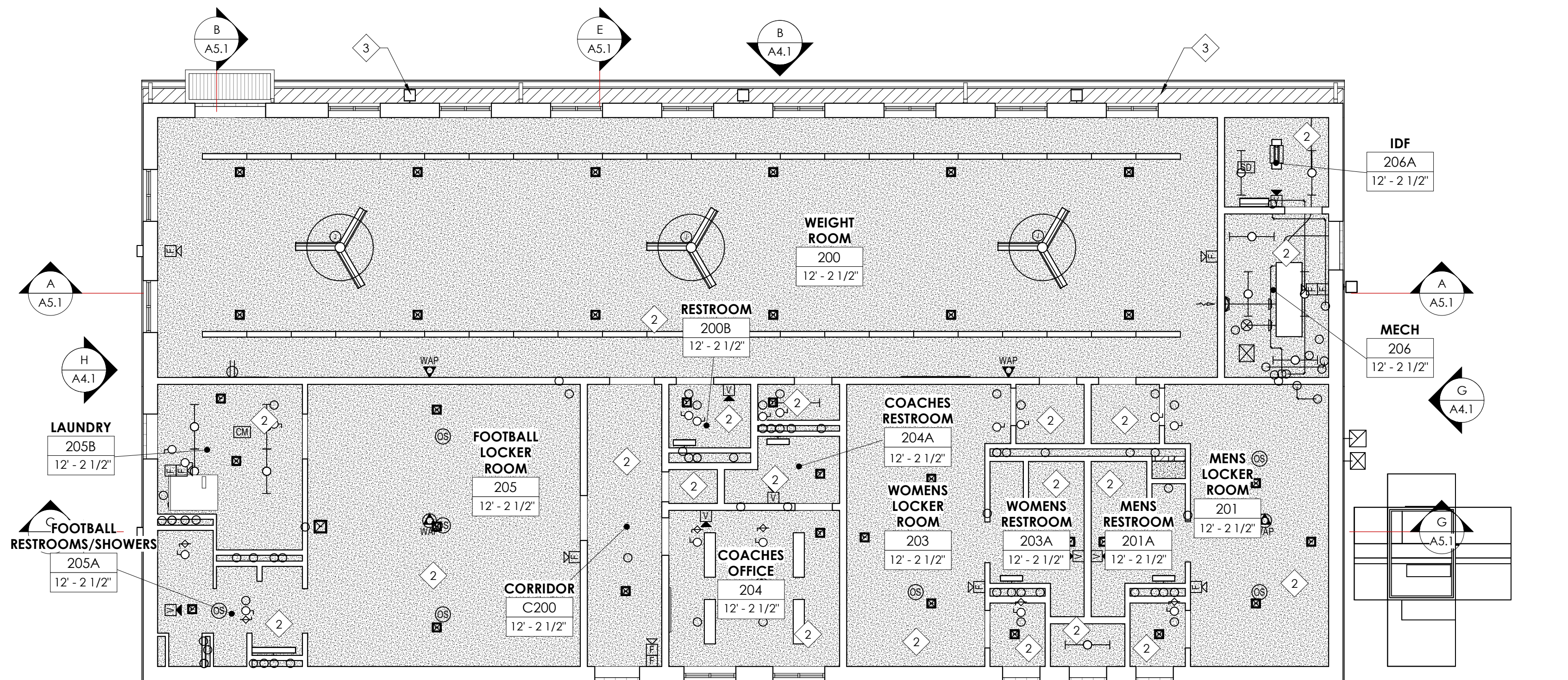
Diagram illustrating a field with a central square labeled "FIELD" and two curved lines on either side.

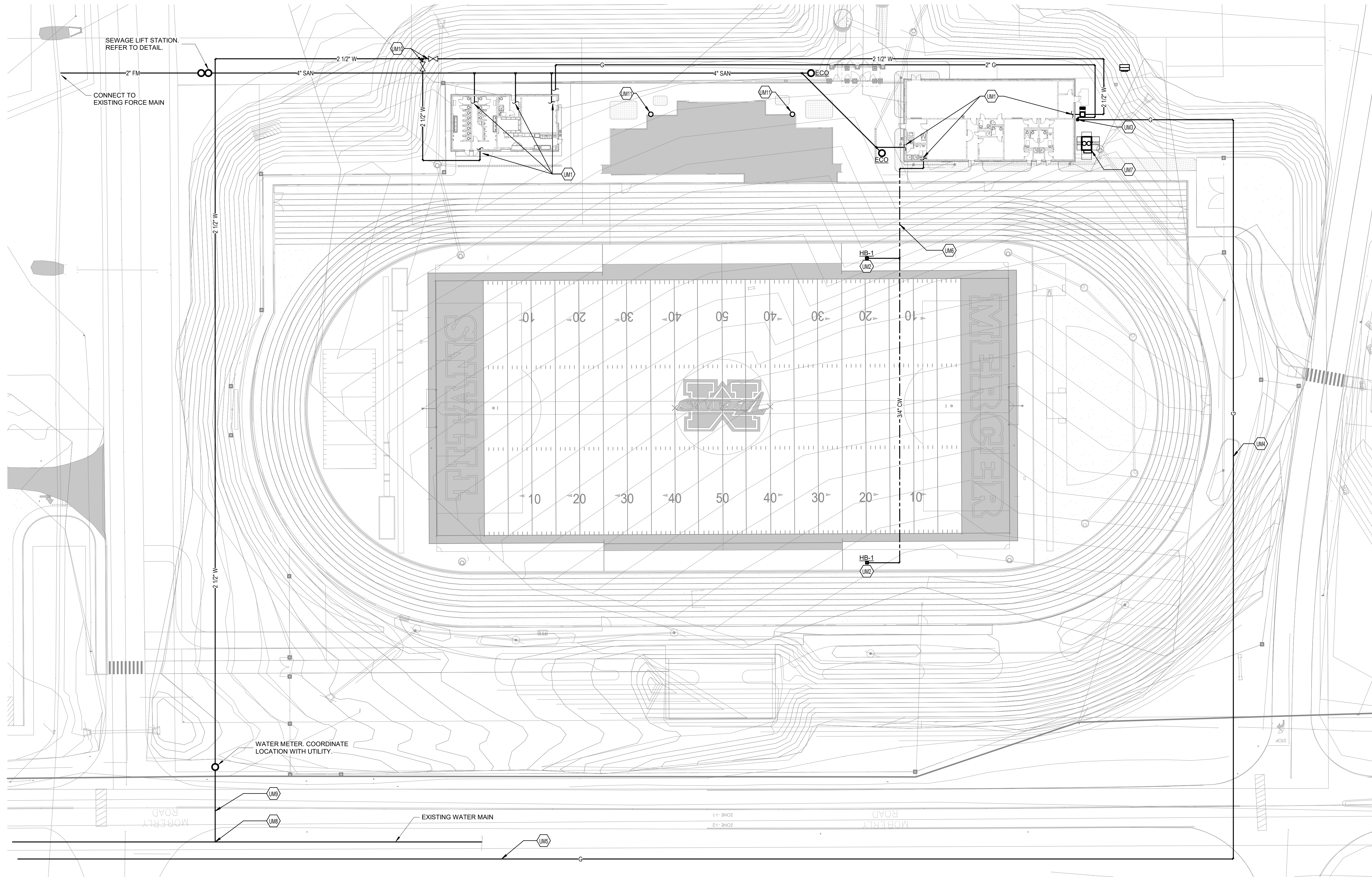


DOOR TYPES		K
N.T.S.		A6.1



CONCESSIONS - REFLECTED CEILING PLAN



[illegible]

**MECHANICAL SITE UTILITIES PLAN**

SCALE: 1" = 30'-0"

0 15' 30' 60' 90' 120'






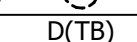
## TAGGED NOTES

- UM1 REFER TO PLUMBING PLANS FOR CONTINUATION INSIDE BUILDINGS.
- UM2 PROVIDE HOSE BIB INSIDE TURF BOX EQUAL TO TURFPOOL VALVE BOY BY SPORTSFIELD SPECIALTIES. COORDINATE EXACT LOCATION WITH TURFBOX TO CONNECT TURF BOX DRAIN TO SUBIRRIGATION SYSTEM. REFER TO CIVIL DRAWINGS.
- UM3 GAS METER BY ATMOS ENERGY. REFER TO PLUMBING DRAWINGS FOR CONNECTION.
- UM4 GAS SERVICE BY ATMOS ENERGY. COORDINATE ROUTE AND INSTALLATION.
- UM5 GAS MAIN EXTENSION BY ATMOS ENERGY.
- UM6 COORDINATE TRAC CROSSING WITH ELECTRICAL. UTILIZE SAME TRENCH WHEREVER POSSIBLE.
- UM7 REFER TO MECHANICAL PLUMBING PLAN FOR ADDITIONAL INFORMATION ABOUT EXTERIOR EQUIPMENT.
- UM8 CONNECT TO EXISTING WATER MAIN. COORDINATE TAP WITH UTILITY.
- UM9 COORDINATE CROSSING OF EXISTING ROAD WITH THE CITY OF HARRISBURG.
- UM10 PROVIDE IN-GROUND ISOLATION VALVE.
- UM11 PROVIDE 2" CD PIPING FROM HVAC EQUIPMENT IN PRESSBOX AND ROUTE DOWN TO BELOW GRADE AND CONNECT WITH STORM. REFER TO CIVIL DRAWINGS FOR CONNECTION TO STORM. COORDINATE LOCATIONS AND ROUTING WITH PRESSBOX AND BLEACHERS PROVIDED.

## MECHANICAL SITE NOTES

- A DO NOT SCALE FROM MECHANICAL AND ELECTRICAL DRAWINGS. FIELD VERIFY REQUIRED DIMENSIONS.
- B CONTRACTOR SHALL CUT AND PATCH ALL PAVEMENT, CURBING, ETC. AS REQUIRED FOR WORK. CONTRACTOR SHALL REPAIR ALL LANDSCAPING THAT IS DAMAGED FOR WORK.
- C FEDERAL, STATE, LOCAL, MUNICIPALITY AND UTILITY COMPANY CODES, RULES, REGULATIONS AND REQUIREMENTS APPLY UNLESS EXCEEDED BY THIS DESIGN.
- D THE LOCATION OF ANY 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.
- E 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. ANY INTERRUPTION OF SERVICES IS PLANNED OR OCCURS ACCIDENTALLY, SHALL BE DEVELOPED AND AGREED UPON BETWEEN THE PARTIES NEEDED TO AVOID UNNECESSARY INCONVENIENCE TO THE OWNER OR ANY AFFECTED PARTY.
- F NOTICE OF ANY INTERRUPTION OF ANY SERVICE SHALL BE PROVIDED TO THE OWNER AT LEAST TWO WEEKS IN ADVANCE IN WRITING AND INSURE THAT THEY DO NOT DELAY WORK.
- G LOCATIONS, DEPTHS, MATERIALS, TYPES, ELEVATIONS, ETC. OF ALL APPURTENANCES, LINES, BUILDINGS, ETC., INDICATED ON THESE DRAWINGS WERE TAKEN FROM VARIOUS SOURCES, INCLUDING BUT NOT LIMITED TO, CITY, COUNTY, STATE, AND FEDERAL RECORDS, FIELD CONDITIONS. EXISTING UTILITIES LOCATIONS MAY VARY. (CONSEQUENTLY, ALL CONTRACTORS SHALL EXERCISE EXTREME CARE AND PRECAUTIONS IN THEIR WORK SO AS ENSURE THAT THEY DO NOT INTERRUPT ANY EXISTING SERVICE. FOR SAFETY PURPOSES, PARTICULAR ATTENTION TO THIS PRECAUTION RELATIVE TO NATURAL GAS AND ELECTRICAL LINES. ALL CITY, COUNTY, STATE, AND FEDERAL RECORDS, FIELD CONDITIONS, STATE, AND LOCAL RULES, REGULATIONS, STANDARDS AND SAFETY REQUIREMENTS, SHALL ALSO BE INSTALLED IN ACCORD WITH THE APPLICABLE MUNICIPALITY OR UTILITY COMPANY STANDARD. ANY INTERRUPTION OF ANY SERVICE IS PLANNED OR OCCURS ACCIDENTALLY, IF ANY VARIATION OCCURS, CONSULT THE BUILDING ENGINEER AND THE MECHANICAL ENGINEER(S) REPRESENTATIVE.) CONTRACTOR SHALL VISIT SITE AND FIELD VERIFY THE ROUTING OF ALL UTILITIES.
- H CONTRACTOR SHALL REFER TO CIVIL DRAWINGS FOR COORDINATION WITH OTHER UTILITIES.
- I COORDINATE ELEVATION AND LOCATION OF ALL SERVICES PLANNED BUILDING WITH STREET ELEVATION. FOUNDATION CONTACT SHALL PASS THROUGH STEM WALL OF FOUNDATION OR UNDER FOOTING AS REQUIRED.
- J THE LOCATIONS OF UTILITIES SHOWN IN THESE DRAWINGS ARE APPROXIMATE ONLY. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY EXCAVATION WORK REQUIRED TO VERIFY THE LOCATION OF UNDERGROUND UTILITIES. CONTRACTOR SHALL NOTIFY ANY OTHER AFFECTED UTILITY OWNERS BEFORE DIGGING. IN THE EVENT OF ACCIDENTAL INTERRUPTION OF SERVICE, CONTRACTOR WILL IMMEDIATELY NOTIFY THE OTHER UTILITY OWNERS.
- K THE UTILITY/CONTRACTOR WILL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD OTHER EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION OF THIS PROJECT. IN THE EVENT OF AN ACCIDENTAL INTERRUPTION OF SERVICE, CONTRACTOR SHALL NOTIFY THE OTHER UTILITY OWNERS AROUND THE OTHER UTILITIES. THE UTILITY WILL BE REQUIRED TO FURNISH SUCH EQUIPMENT.
- L COORDINATE UNDERGROUND ELECTRICAL WITH ALL LANDSCAPING AND FENCING, ADJUST ELECTRICAL LINES TO AVOID CONFLICTS. REFER TO LANDSCAPING PLANS FOR FURTHER INFORMATION. AVOID ROUTING UNDERGROUND CONDENSATES UNDER ROADWAYS OR PARKING AREAS. ROADWAYS AND PARKING AREAS SHALL BE PROTECTED AT ALL TIMES. IT IS POSSIBLE THAT IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT ANY ABANDONED PIPING UNCOVERED IN THE COURSE OF THEIR WORK SHALL BE CAPPED WATER TIGHT.
- M TRENCHES FOR UTILITIES SHALL BE BACKFILLED PER MECHANICAL DETAILS AND SHALL BE PROTECTED BY THE CONTRACTOR. THE SURFACE WORK SHALL BE PER CIVIL ENGINEERING DRAWINGS AND SPECIFICATIONS.
- N THE CONTRACTOR SHALL ADJUST ALL EXISTING MANHOLE RINGS AND COVERS AFFECTED BY THE PROJECT AS NECESSARY TO MAINTAIN THE EXISTING SURFACE ELEVATION.
- O CONTRACTOR SHALL COORDINATE RESPONSIBILITIES WITH CONSTRUCTION MANAGER. REFER TO SPECIFICATIONS FOR REQUIREMENTS.
- P THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION AND SIZING OF ALL EXPANSION JOINTS AND JOINTING MATERIALS AS REQUIRED.
- Q REFER TO ARCHITECT'S PHASING PLAN FOR CONSTRUCTION PHASING REQUIREMENTS.

### SITE UTILITIES LEGEND

	EXISTING, DEMOLITION, NEW WORK
	SANITARY MANHOLE
	FIRE HYDRANT
	WATER VALVE
	EXTERIOR CLEANOUT
	THRUST BLOCK
—XXX—	NEW PIPING - (XXX) DENOTES SYSTEM
--D(XXX)--	PIPING TO BE DEMOLISHED - (XXX) DENOTES SYSTEM
—E(XXX)—	EXISTING PIPING - (XXX) DENOTES SYSTEM
—A(XXX)—	ABANDONED IN PLACE PIPING - (XXX) DENOTES SYSTEM
—W—	DOMESTIC WATER
—FM—	FORCED MAIN
—SAN—	SANITARY SEWER

## UTILITY COMPANY CONTACTS

<b>WATER:</b> HARRODSBURG WATER DEPT.	ETHAN LEWIS	859.612.8107
<b>SEWER:</b> HARRODSBURG SEWER DEPT.	TOM HOWELL	859.613.6699
<b>FIRE CHIEF:</b> HARRODSBURG FIRE DEPT.	MICHAEL COX	859.325.3383
<b>NATURAL GAS:</b> ATMOS ENERGY	JIMMY SMITH	859.583.5357

**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.

MECHANICAL SITE UTILITIES

MERCER COUNTY ATHLETICS - PHASE 2

FOR: **Owner**

11124 Moberly Rd, Harrodsburg, KY 40330

M.E.&P Engineer:  
CMTA, Inc.  
Lexington, KY Office  
p 859.253.0892

Structural Engineer:  
Structural Design Group, Inc.  
p 615.255.5537

**Construction Manager:**  
Trace Creek Construction, Inc.  
p 606.796.3867

BG 25-362

Project No:	XMFS25
Drawn By:	NER
Rev'd By:	ADS

SHEET RELEASE

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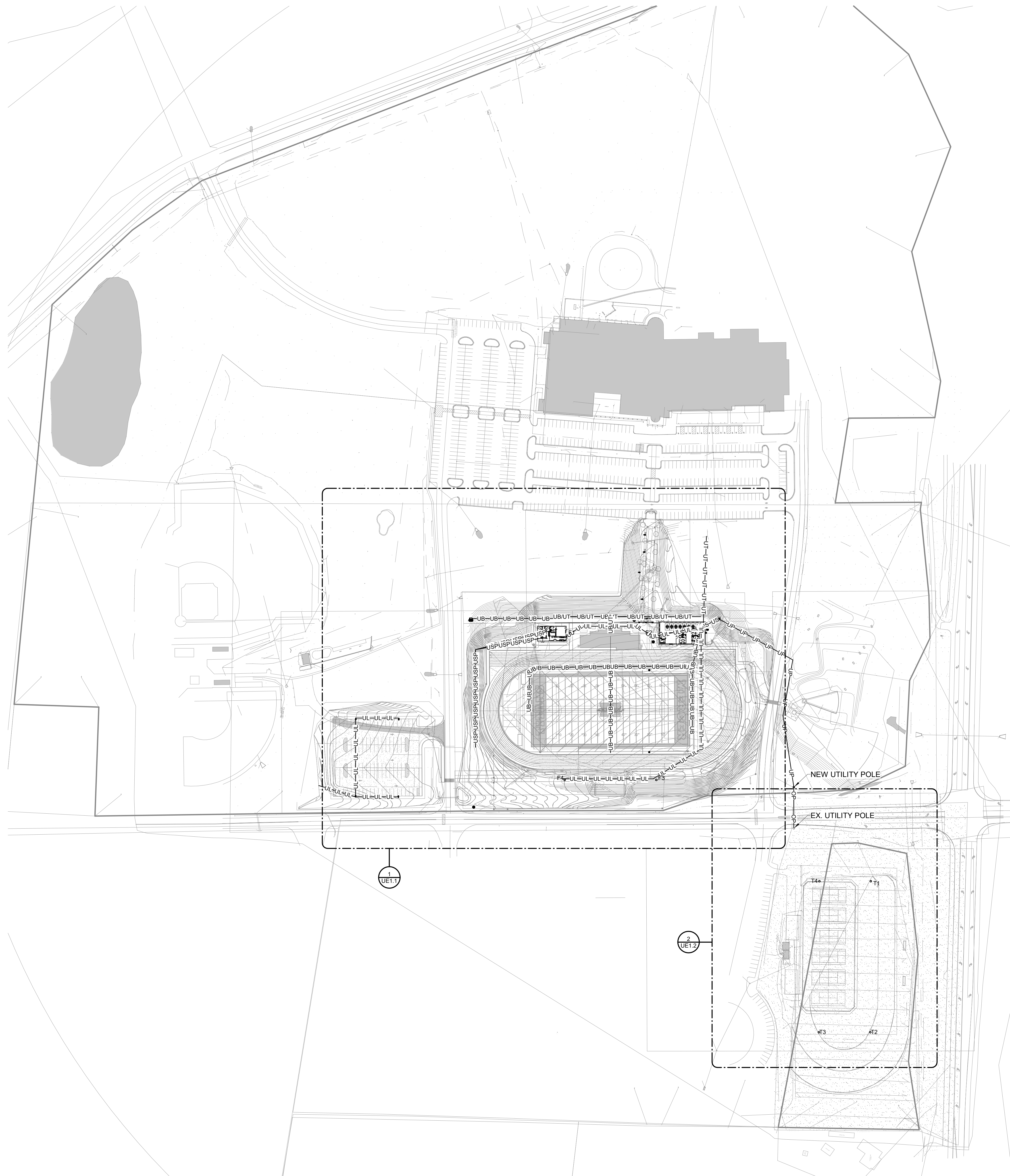
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CONSTRUCTION DOCUMENTS

# UM1.0

MECHANICAL SITE UTILITIES

DATE ISSUED:  
MARCH 5, 2026



[illegible]

1 SITE ELECTRICAL - OVERALL  
SCALE: NONE

NOT FOR  
CONSTRUCTION



ELECTRICAL SITE UTILITY PLAN - OVERALL  
MERCER COUNTY ATHLETICS - PHASE 2  
FOR:  
Owner  
1124 Moberly Rd, Harrodsburg, KY 40330

**M.E.&P Engineer:**  
CMTA, Inc.  
Lexington, KY Office  
p 859.253.0892

**Structural Engineer:**  
Structural Design Group, Inc.  
p 615.255.5537

**Construction Manager:**  
Trace Creek Construction, Inc.  
p 606.796.3867

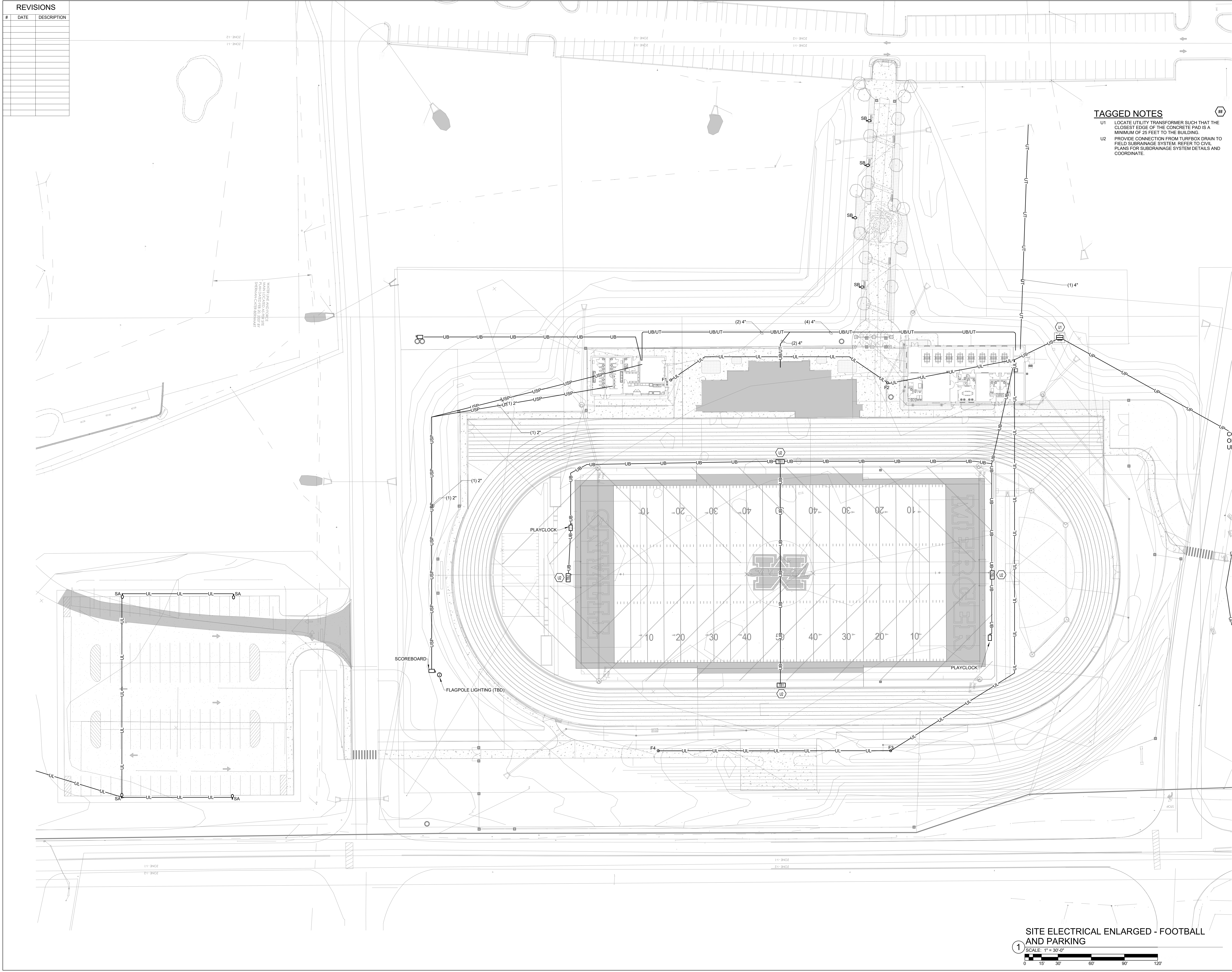
BG 25-362

Project No:	XMFS25
Drawn By:	Author
Rev'd By:	Checker
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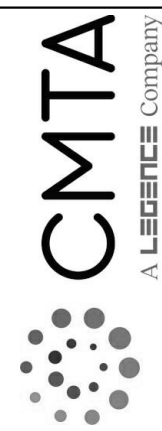
**UE1.0**  
ELECTRICAL SITE UTILITY  
PLAN - OVERALL  
DATE ISSUED:  
MARCH 5, 2026

[illegible]

**2f**  
**rosstarrant architects**  
a **MORE**group brand

101 old lafayette avenue lexington, kentucky 40502 p 859.254.4018

NOT FOR  
CONSTRUCTION



ELECTRICAL SITE UTILITY PLAN - ENLARGED  
MERCER COUNTY ATHLETICS - PHASE 2

MERCER COUNTY ATHLETICS - PHASE 2

FOR:

Uwharfe  
1124 Moberly Rd, Harrodsburg, KY 40330

**M,E.&P Engineer:**  
CMTA, Inc.  
Lexington, KY Office  
p 859.253.0892

**Structural Engineer:**  
Structural Design Group, Inc.  
p 615.255.5537

**Structural Engineer:**  
Structural Design Group, Inc.  
p 615.255.5537

**Construction Manager:**  
Trace Creek Construction, Inc.  
p 606.796.3867

BG 25-362

Project No:	XMFS25
Request By:	4/11/2008

Rev'd By: Checker

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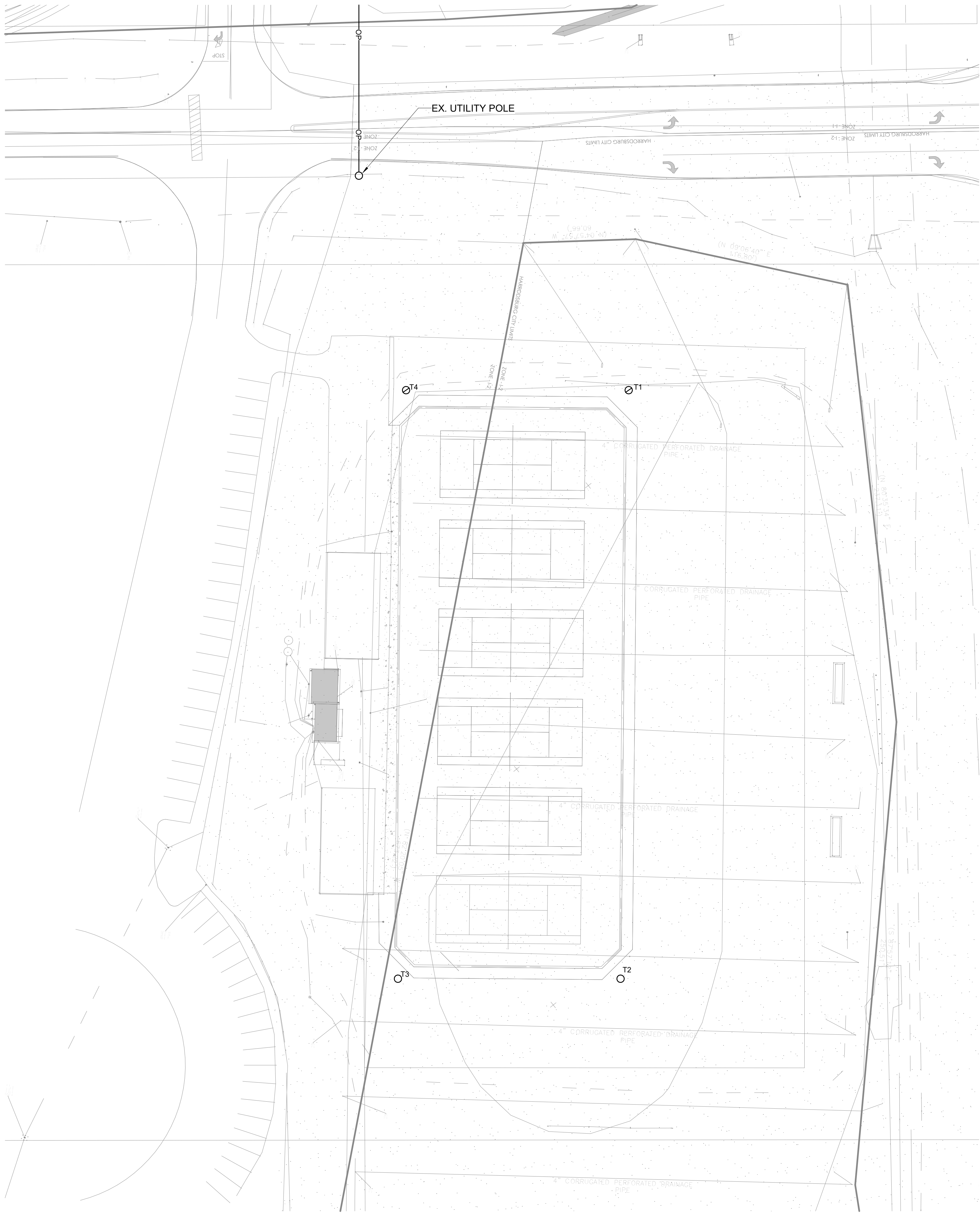
## U15.1

# UE1

## CONCLUSION


ELECTRICAL SITE UTILITIES  
PLAN - ENLARGED

DATE ISSUED:  
MARCH 5, 2026

[illegible]

2 SITE ELECTRICAL ENLARGED - TENNIS

SCALE: 1" = 30'-0"



0 15' 30' 60' 90' 120'

[illegible]

## PLUMBING GENERAL NOTES

- COORDINATE THE LOCATION OF DRAINS, THERMOSTATS, GAS OUTLETS, ETC., WITH ALL CASEWORK/EQUIPMENT, MECHANICAL ROOM EQUIPMENT, AND ALL OTHERS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATED SHALL BE REMOVED AND PROPERLY INSTALLED AT THE EXPENSE OF THE CONTRACTOR.
- B. THE CONTRACTOR SHALL TAKE 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 THE LOCATION OF ALL EXISTING ELECTRICAL AND ELECTRICAL LINES. VERIFY THE LOCATION, SIZE, TYPE, ETC., OF EACH UNDERGROUND OR OVERHEAD UTILITY. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL CITY, STATE, AND FEDERAL RULES, REGULATIONS, STANDARD AND SAFETY REQUIREMENTS. UTILITIES SHALL BE INSTALLED IN ACCORD WITH THE APPLICABLE CITY, STATE AND FEDERAL UTILITY CODES. IN ALL CASES, THE MOST STRINGENT REQUIREMENT SHALL APPLY.
- C. ALL NEW WORK SHALL BE HUNG FROM STRUCTURE, NOT FROM THE WORK OF OTHER TRADES, WHETHER EXISTING OR NEW.
- D. THE CONTRACTOR SHALL FOLLOW ALL CITY, STATE AND FEDERAL REQUIREMENTS.
- E. OBSERVE ALL APPLICABLE CODES, RULES AND REGULATIONS THAT MAY APPLY TO THE WORK UNDER THIS CONTRACT (CITY, COUNTY, LOCAL, FEDERAL, MUNICIPALITY, UTILITY COMPANY, COMMONWEALTH OF KENTUCKY).
- F. CONTRACTOR SHALL BE AWARE OF UNSEEN PLUMBING WORK DURING DEMOLITION; IF ITEMS ARE UNCOVERED DURING DEMOLITION THEN FIELD CORRECTIONS SHALL BE MADE IMMEDIATELY. IMMEDIATE ROUTE TO THE OWNER THESE ITEMS THEN CONTACT THE ENGINEERS TO REVIEW THE ROUTING.
- G. ALL PENETRATIONS OF FIRE AND SMOKE RATED ASSEMBLIES SHALL BE CORRECTED TO THE ORIGINAL FIRE AND SMOKE RATED ASSEMBLY. IN ACCORDANCE WITH INSTALLED, CONTRACTOR SHALL PAY PARTICULAR ATTENTION TO STANDARD PIPING PENETRATIONS.
- H. ALL WORK REQUIRING DOWNTIME OF ANY AREA IN THE BUILDING SHALL BE COMPLETED WITHIN TWO (2) WEEKS IN ADVANCE.
- I. ALL PIPING IN ROOMS WITH CEILINGS SHALL BE ABOVE CEILING SUSH AS NOTED.
- J. IN ACCORDANCE WITH ALL PLUMBING WORK SHALL BE COMPLETED IN COMPLIANCE WITH PLANS APPROVED BY AND BEARING THE APPROVAL STAMP OF THE KENTUCKY DIVISION OF PLUMBING AND AN APPROVED WORKING DRAWING. CONTRACTOR SHALL NOT BEGIN WORK UNTIL HE HAS RECEIVED SUCH APPROVED PLAN.
- K. LOCATIONS OF PIPING AND EQUIPMENT ARE APPROXIMATE AND SUBJECT TO MINOR ADJUSTMENTS IN THE FIELD. DO NOT SCALE THE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATIONS SHOWN. PROVIDE ADDITIONAL OFFSETS WHERE NECESSARY.
- M. THE CONTRACTOR IS RESPONSIBLE FOR ALL UTILITY COMPANY FEES OR OTHER COSTS THAT ANY UTILITY COMPANY MAY REQUIRE TO COMPLETE THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF LOUISVILLE PRIOR TO INSTALLATION FOR CLARIFICATION. PROVIDE RECOMMENDED ACCESS AND SERVICE CLEARANCES FOR ALL EQUIPMENT.
- N. SEAL AIRTIGHT AROUND ALL DUCTS AND PIPING PENETRATIONS THROUGH EXISTING PARTITIONS.
- P. THE CONTRACTOR SHALL RELOCATE OR AVOID ANY EXISTING EQUIPMENT APURTENANCES, ETC., THAT CONFLICT WITH NEW WORK.
- Q. WHERE ANY EXISTING EQUIPMENT IS NOT INDICATED OR IN CONFLICT WITH ANY OTHER BUILDING SYSTEM, CONTACT THE ENGINEERS BEFORE INSTALLATION. REFER ALSO TO ARCHITECTURAL WALL, INTERIOR AND EXTERIOR FINISH ELEVATIONS, CEILING HEIGHTS AND OTHER DETAIL OF THESE DOCUMENTS.
- R. ANY VIBRATING, OSCILLATING OR OTHER NOISE OR MOTION PRODUCING EQUIPMENT SHALL BE ISOLATED FROM SURROUNDING SYSTEMS IN AN APPROPRIATE MANNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATIONS SHALL BE SATISFACTORILY REPLACED OR REPAIRED AT THE INSTALLING CONTRACTORS EXPENSE. THE FINAL DECISION ON THE ADEQUACY OF A PARTICULAR INSTALLATIONS ACCEPTABILITY SHALL BE THAT OF THE ENGINEER.
- S. DEVIATIONS IN SIZE, CAPACITIES, FIT, FINISH, ETC. FOR EQUIPMENT FROM THE MANUFACTURERS SPECIFICATIONS SHALL BE APPROVED BY THE OWNER OR THE PURCHASER OF THAT EQUIPMENT. ANY PROVISIONS REQUIRED TO ACCOMMODATE A DEVIATION, WHETHER APPROVED BY THE ENGINEER OR NOT, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- T. VALVES, BALANCING DAMPERS OR ANY MECHANICAL/ELECTRICAL ITEM REQUIRING ACCESS SHALL NOT BE LOCATED ABOVE A HARD CEILING. IF THIS IS NOT POSSIBLE, THEN AN APPROPRIATELY SIZED ACCESS DOOR SHALL BE PROVIDED TO THE ITEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTMENT. ADDITIONALLY ALL SUCH ITEMS SHALL NOT BE LOCATED IN OR ABOVE THE DISCHARGE OF ANY EXHAUST SYSTEM. THE LOCATION OF SUCH ITEMS UNLESS INDICATED OTHERWISE SHALL BE MOUNTED SIX TO TWELVE INCHES ABOVE THE CEILING. IF IN DOUBT, CONTACT ENGINEER.
- U. ALL MANHOLES, VAULTS AND SIMILAR UNDERGROUND STRUCTURES SHALL HAVE THE TOP ELEVATION SET FLUSH WITH FINISHED GRADE UNLESS SPECIFICALLY NOTED OTHERWISE.
- V. WHERE ANY MANHOLE OR VAULT IS LOCATED IN A FOOTER OR IN THE ZONE OF INFLUENCE THE PIPING SHALL BE BACKFILLED WITH CEMENTITIOUS FLOWABLE FILL PER SPECIFICATIONS. WHENEVER POSSIBLE, LOCATE THE TOP OF THE FOOTER OF THE BUILDING OR THE TOP OF THE FOUNDATION OF THE AREA UNDER THE FOOTER WITHIN A 45 DEGREE ANGLE PROJECTING DOWN FROM THE BOTTOM EDGE OF THE FOOTER OF ALL SIDES OF THE FOOTER. THE TOP OF THE MANHOLE OR VAULT SHALL BE LOCATED UNDERGROUND STRUCTURES SHALL BE HELD AWAY FROM BUILDING WALLS FAR ENOUGH TO BE OUTSIDE OF THE ZONE OF INFLUENCE.
- W. THE DOCUMENTS COMPLY WITH CODES LISTED.
- X. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTRACTOR TO THE OWNER'S SAFETY POLICY REQUIREMENTS.

## PLUMBING PHASING NOTES

- THIS PROJECT INTERFACES EXTENSIVELY WITH EXISTING BUILDING SERVICES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE AND PHASE THE WORK TO MINIMIZE DISRUPTION TO ALL EXISTING SERVICES TO MINIMIZE OR ELIMINATE DOWNTIME. AS, FOR EXAMPLE, MAIN GAS SERVICE, WATER SERVICE, ELECTRICAL SERVICE, HVAC SERVICES, STEAM GENERATION, ETC., WILL BE TESTED AND RELOCATED PRIOR TO THE CONSTRUCTION OF THE NEW. THE CONTRACTOR SHALL INSTALL ALL NEW SERVICES AND EQUIPMENT AND HAVE THEM TESTED AND FULLY AND RELIABLY FUNCTIONAL PRIOR TO INTERRUPTING, RELOCATING OR REMOVING ANY EXISTING SERVICE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO BEAR ANY AND ALL COSTS ASSOCIATED WITH THIS PHASING, INCLUDING TEMPORARY SERVICES, TEMPORARY RELOCATION, PREMIUM TIME WORK, ETC. CONTRACTOR SHALL COORDINATE ALL WORK WITH THE OWNER AND APPLICABLE UTILITIES PER THE CONTRACT DOCUMENTS.

## ABBREVIATIONS

AC	ALTERNATING CURRENT
ADJ	ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
AFR	ABOVE FINISHED ROOF
AFUE	ANNUAL FUEL UTILIZATION EFFICIENCY
AHJ	AUTHORITY HAVING JURISDICTION
AMP	AMPERE (AMP, AMPS)
ANSI	AMERICAN NATIONAL STANDARD INSTITUTE
APD	AIR PRESSURE DROP
ASHRAE	AMERICAN SOCIETY OF HEATING, REFRIGERATION, AND AIR-CONDITIONING ENGINEERS
AVG	AVERAGE
BAS	BUILDING AUTOMATION SYSTEM
BHP	BRAKE HORSEPOWER
BTU	BRITISH THERMAL UNIT
CAP	CAPACITY
CD	CONDENSATE DRAIN
CFM	CUBIC FEET PER MINUTE
C.I.	CAST IRON
CLG	CEILING
CLR	CLEAR
CO	CARBON MONOXIDE
COND	CONDENS (-ER, -ING, -ATION, -ATE)
CONT	CONTINU (-ED, -OUS)
CU FT	CUBIC FEET
CU IN	CUBIC INCHES
CV	VALVE FLOW COEFFICIENT
dB	DECIBEL
DB	DRY BULB
DC	DIRECT CURRENT
DD	DUCT SMOKE DETECTOR
DDC	DIRECT DIGITAL CONTROLS
DEG	DEGREE (-S)
DIA	DIAMETER (-S)
DN	DOWN
DWG	DRAWING
EC	ELECTRICAL CONTRACTOR
ELEV	ELEVA (-TION, -TOR)
ENGR	ENGINEER
EQ	EQUAL
ESP	EXTERNAL STATIC PRESSURE
ETR	EXISTING TO REMAIN
EVAP	EVAPORAT (-E, -ING, -ED, -OR, -ION)
EWT	ENTERING WATER TEMPERATURE
EXP	EXPANSION
EXT	EXTERIOR
FA	FREE AREA









### ABBREVIATIONS (CONTINUED)

FL	FLOOR
FLA	FULL LOAD AMPS
FOB	FLAT ON BOTTOM
FOT	FLAT ON TOP
FPC	FIRE PROTECTION CONTRACTOR
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FT	FEET <b>OR</b> FOOT
FUT	FUTURE
FV	FACE VELOCITY
GA	GAGE/GAUGE
GAL	GALLON (-S)
GC	GENERAL CONTRACTOR
GPD	GALLONS PER DAY
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GR	GRAINS
H	HUMIDITY
HD	HEAD
HG	MERCURY
HORIZ	HORIZONTAL
HP	H (-ORSEPOWER, -EAT PUMP)
HR	HOUR (-S)
HVAC	HEATING, VENTILATING, & AIR-CONDITIONING
Hz	HERTZ
ID	I (-IDENTIFICATION, -NSIDE DIAMETER, -NSIDE DIMENSION)
IN	INCH (-ES)
INSUL	INSULAT (-ED, -ION)
INT	INTER (-IOR, -ERVAL)
IPS	IRON PIPE SIZE
KW	KILOWATT
kWh	KILOWATT HOUR
LBS	POUNDS
LF	LINEAR FEET/FOOT
LRA	LOCKED ROTOR AMPS
LWT	LEAVING WATER TEMPERATURE
MAX	MAXIMUM
MBH	BTU PER HOUR [THOUSANDS]
MCA	MINIMUM CIRCUIT AMPS
MFG	MANUFACTURER
MIN	MIN (-IMUM, -UTE)
MISC	MISCELLANEOUS
MOCP	MAXIMUM OVERCURRENT PROTECTION [AMPS]
MTG	MOUNTING
N/A	NOT APPLICABLE
NC	NOISE CRITERIA <b>OR</b> NORMALLY CLOSED
NEBB	NATIONAL ENVIRONMENTAL BALANCING BUREAU
NIC	NOT IN CONTRACT

















### ABBREVIATIONS (CONTINUED)

NO	NORMALLY OPEN <b>OR</b> NUMBER
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DI (-AMETER, -MENSION)
CFCI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED
OR	OPEN RECEPTACLE
OZ	OUNCE (-S)
PC	PLUMBING CONTRACTOR
PD	PRESSURE DROP
PH	PHASE [ELECTRICAL]
PLBG	PLUMBING
PPM	PARTS PER MILLION
PRS	PRESSURE REDUCING STATION
PRV	PRESSURE REDUCING VALVE (STEAM, WATER, GAS)
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSIG	PSI GAUGE
RLA	RUNNING LOAD AMPS
RPM	REVOLUTIONS PER MINUTE
SQ	SQUARE
SQ FT	SQUARE FEET <b>OR</b> FOOT
SQ IN	SQUARE INCH <b>OR</b> INCHES
TAB	TESTING AND BALANCING
TBD	TO BE DETERMINED
TE	TOP ELEVATION
TEMP	TEMPERATURE
TPA	TRAP PRIMER ADAPTER
TSP	TOTAL STATIC PRESSURE
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
V	VOLT (-AGE, -S)
VAR	VARI (-ABLE, -IES)
VAV	VARIABLE AIR VOLUME
VEL	VELOCITY
VFD	VARIABLE FREQUENCY DRIVE
W	WATT (-AGE, -S)
WB	WET BULB
WBT	WET BULB TEMPERATURE
WPD	WATER PRESSURE DROP
WT	WEIGHT
W/	WITH
W/O	WITHOUT
%	PERCENT
ΔP	DIFFERENTIAL PRESSURE
ΔT	TEMPERATURE DIFFERENCE
ℓ	CENTERLINE

## GENERAL SYMBOLS

	TAGGED NOTE DESIGNATOR
	REVISION TRIANGLE
	ROOM TAG
	EQUIPMENT TAG
	DOMESTIC WATER RISER TAG
	SANITARY, WASTE, & VENT RISER TAG
	FIRE SUPPRESSION RISER TAG
	POINT OF CONNECTION / CONNECT TO EXISTING
	POINT OF DEMOLITION
--D(XXX)--	PIPING TO BE DEMOLISHED - (XXX) DENOTES SYSTEM
--E(XXX)--	EXISTING PIPING - (XXX) DENOTES SYSTEM
--A(XXX)--	ABANDONED IN PLACE PIPING - (XXX) DENOTES SYSTEM









### VALVE SYMBOL LEGEND

	TWO-WAY CONTROL VALVE
	THREE-WAY CONTROL VALVE
	AUTOMATIC AIR VENT (AAV)
	MANUAL AIR VENT (MAV)
	MANUAL BALANCING VALVE (BV)
	BALL VALVE
	BUTTERFLY VALVE
	TRIPLE DUTY VALVE (TDV)
	STRAINER
	MANUAL ISOLATION VALVE
	GLOBE VALVE
	OS&Y (GATE) VALVE
	PRESSURE REDUCING VALVE (STEAM, GAS, WATER, ETC.)
	AUTO-FLOW CONTROL VALVE
	CHECK VALVE
	DOUBLE CHECK VALVE ASSEMBLY

## PLUMBING PIPING LEGEND

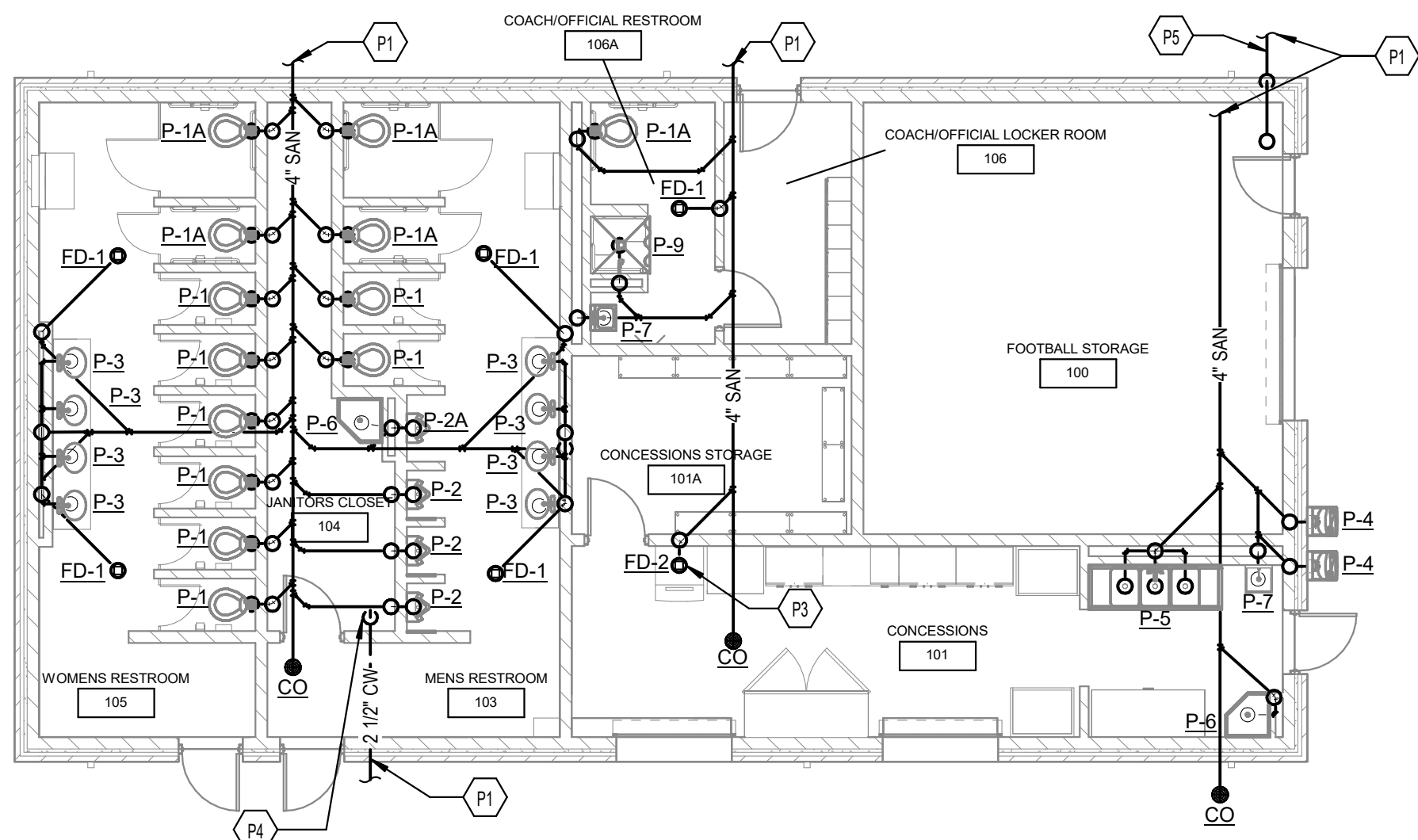
—○—	PIPE ELBOW TURNING UP
—◊—	PIPE ELBOW TURNING DOWN
—○—	PIPE TEE, CONNECTION ON TOP
—◊—	PIPE TEE, CONNECTION ON BOTTOM
—⊢—	PIPE CAP
—AVT—	ACID VENT
—AW—	ACID WASTE
—CA—	COMPRESSED AIR
—CAI/E—	COMBUSTION AIR INTAKE/EXHAUST
—CBS/R—	CHILLED BEAM SUPPLY/RETURN
—CD—	CONDENSATE DRAIN
—CO2—	CARBON DIOXIDE
—CST—	CLEAN STEAM PIPING
— — — — — — DCW —	DOMESTIC COLD WATER (DCW)
— — — — — — DHW — — DHW (#°F) —	DOMESTIC HOT WATER (DHW)
— — — — — — DHR — — DHR (#°F) —	RECIRCULATED DOMESTIC HOT WATER (DHR)
— HPC —	HIGH PRESSURE STEAM CONDENSATE
— HPS (#) —	HIGH PRESSURE STEAM; (#) DENOTES PRESSURE
— HPS/R —	HEAT PUMP WATER SUPPLY/RETURN
— HRS/R —	HEAT RECOVERY SUPPLY/RETURN PIPING
— HWS/R —	HEATING WATER SUPPLY/RETURN
— LPC —	LOW PRESSURE STEAM CONDENSATE
— LPS (#) —	LOW PRESSURE STEAM; (#) DENOTES PRESSURE
— MPC —	MEDIUM PRESSURE STEAM RETURN
— MPS (#) —	MEDIUM PRESSURE STEAM; (#) DENOTES PRESSURE
— SPD —	STEAM CONDENSATE PUMPED DISCHARGE
— SVT —	STEAM VENT PIPING

## PLUMBING SYMBOL LEGEND

	FLEXIBLE PIPE CONNECTION
	FLOW METER (VENTURI)
	PIPING UNION
	FLOW SWITCH
	PRESSURE SWITCH
	TAMPER SWITCH
	THERMOMETER
	PETE'S PLUG; TEMPERATURE/PRESSURE PORT

[illegible]

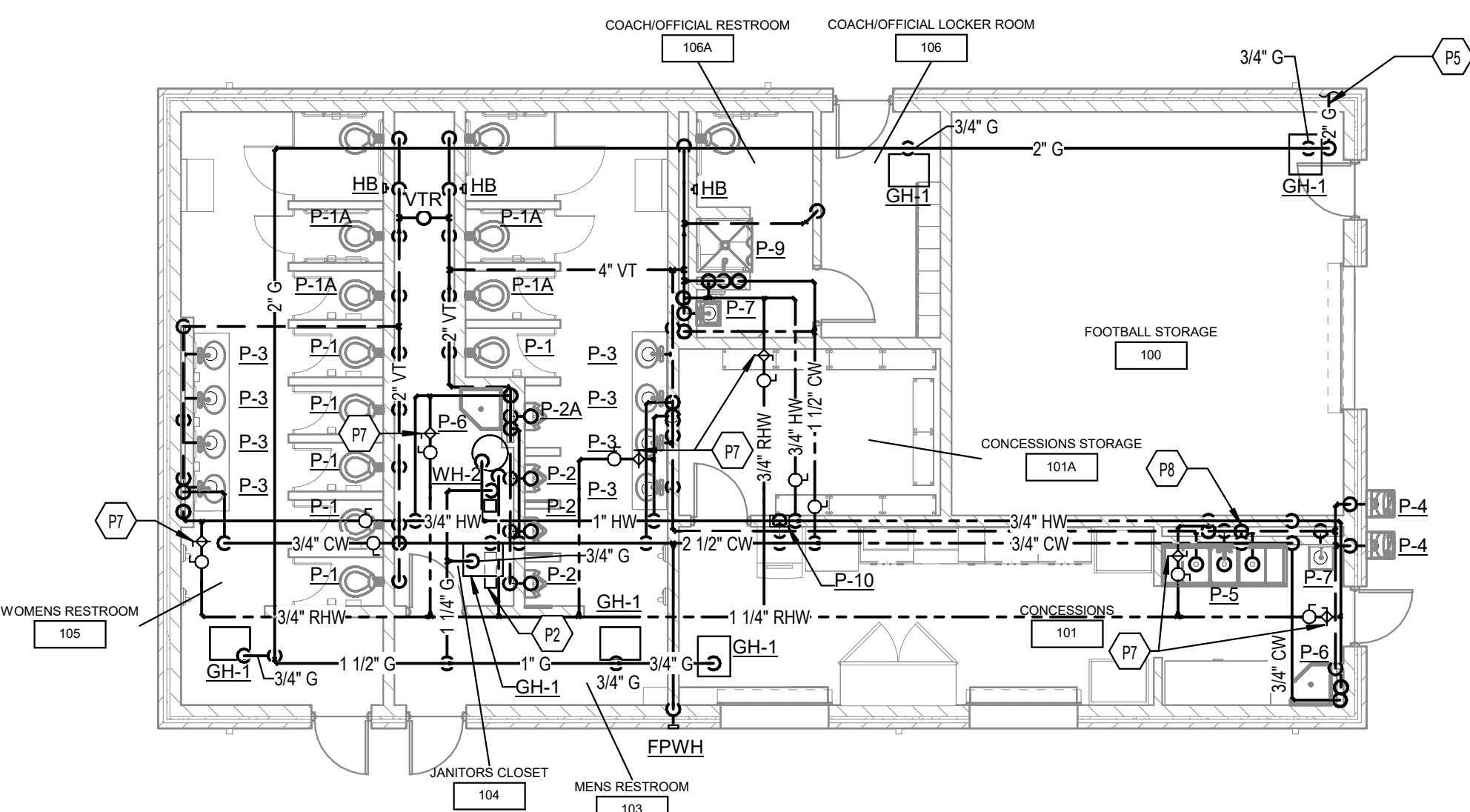
 <b>rosstarrant architects</b> a <b>MOOREgroup</b> brand 101 old lalayette avenue Lexington, Kentucky 40502 P 859.254-4018		NOT FOR CONSTRUCTION	
 <b>CMTA</b> A LEANORACOMpany			
<b>PLUMBING LEGEND AND ABBREVIATIONS</b>		<b>MERCER COUNTY ATHLETICS - PHASE 2</b>	
<b>FOR:</b>		<b>Owner</b>	
<b>1124 Moberly Rd, Harrodsburg, KY 40330</b>			
<b>M.E.P Engineer:</b> CMTA, Inc. Lexington, KY Office p 859-253-0892 <b>Structural Engineer:</b> Structural Design Group, Inc. p 615.255.5537 <b>Construction Manager:</b> Trace Creek Construction, Inc. p 606.796.3867			
<b>BG 25-362</b>			
<b>Project No:</b>		<b>XMFS25</b>	
<b>Drawn By:</b>		<b>NER</b>	
<b>Rev'd By:</b>		<b>ADS</b>	
<b>SHEET RELEASE</b>			
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<b>CONSTRUCTION DOCUMENTS</b>			
<b>P0.0</b>			
<b>PLUMBING LEGEND AND ABBREVIATIONS</b>			
<b>DATE ISSUED:</b>			
<b>MARCH 5, 2026</b>			

[illegible]

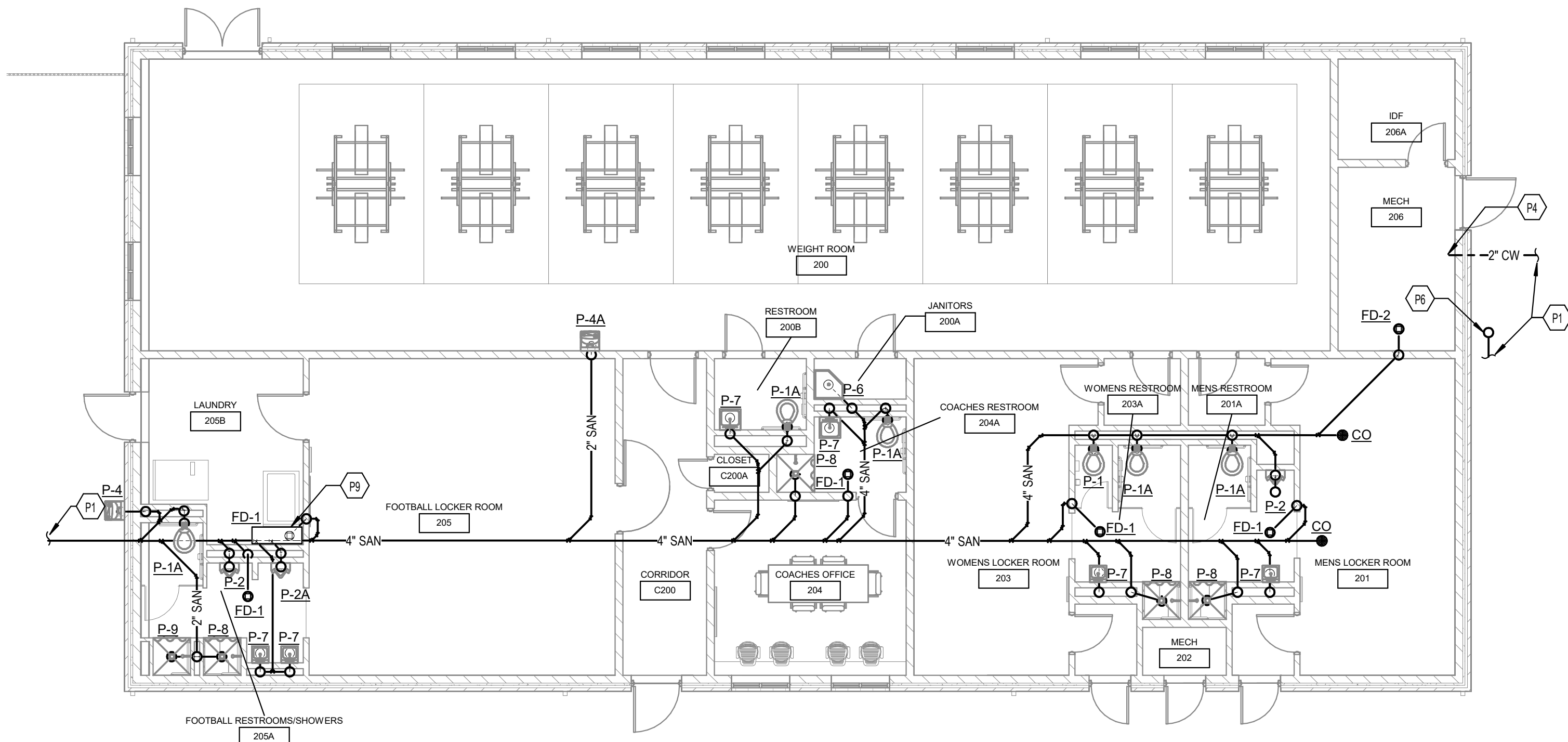

**1 PLUMBING CONCESSIONS BELOW SLAB**  
SCALE: 1/8" = 1'-0"



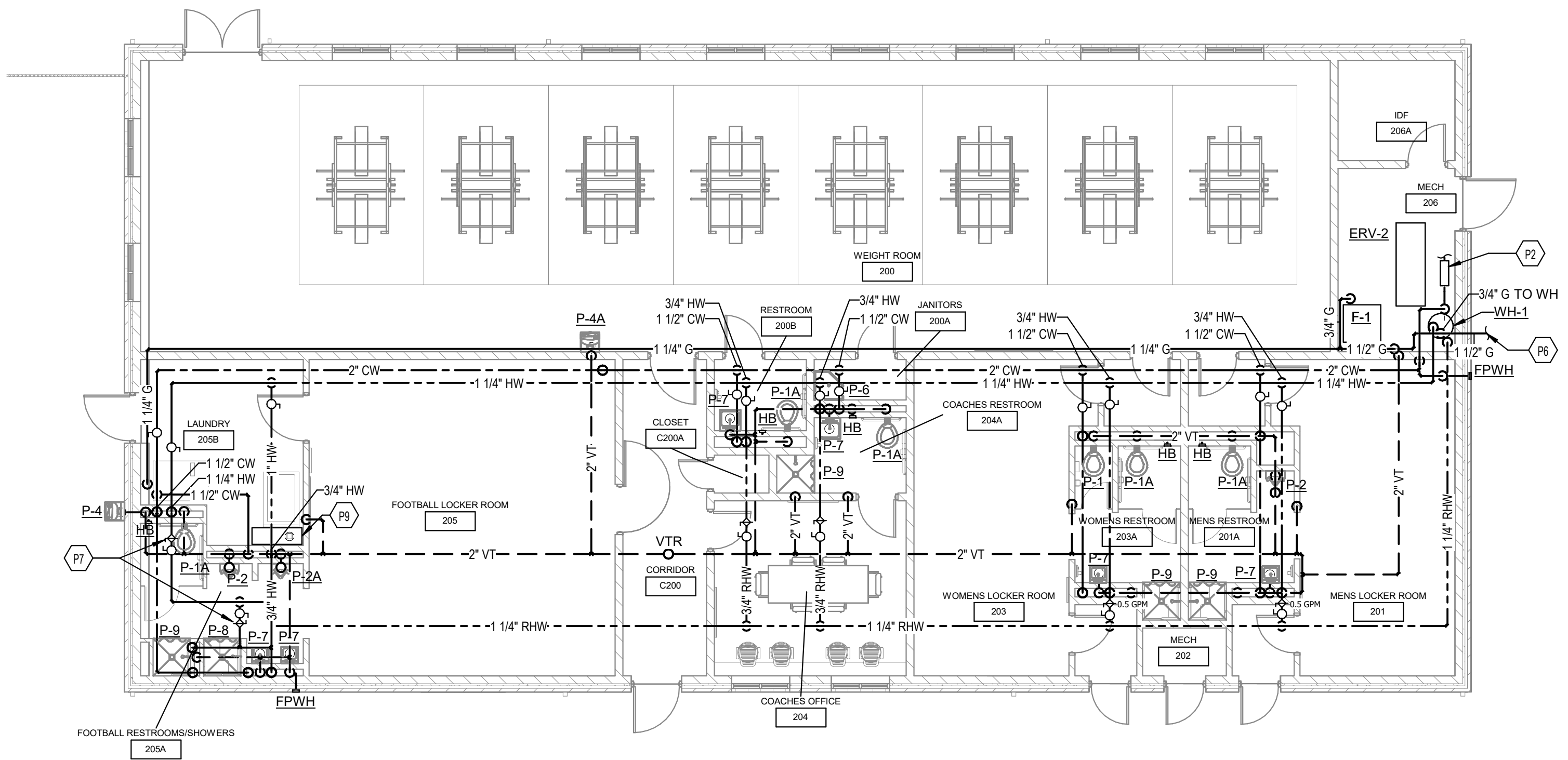
0 2' 4' 8' 16' 24' 32'



**2 PLUMBING CONCESSIONS**  
SCALE: 1/8" = 1'-0"



3 PLUMBING ATHLETICS BUILDING BELOW SLAB  
SCALE: 1/8" = 1'-0"



**4 PLUMBING ATHLETICS BUILDING**  
SCALE: 1/8" = 1'-0"

## TAGGED NOTES

- |    |   |
|----|---|
| P1 | REFER TO MECHANICAL SITE PLAN FOR CONTINUATION.   |
| P2 | LINE SIZED BACKFLOW PREVENTER. REFER TO DETAIL.   |
| P3 | COORDINATE LOCATION OF FLOOR DRAIN WITH ICE MAKER PROVIDED BY OWNER.                          |
| P4 | WATER SERVICE UP TO BACKFLOW PREVENTER. REFER TO DETAIL.                                      |
| P5 | GAS PIPING THROUGH WALL ABOVE SLAB.   |
| P6 | REFER TO GAS METER DETAIL.  |
| P7 | BALANCING VALVES TO BE SET AT 0.5 GPM.  |
| P8 | ROUTE DOMESTIC COLD WATER TO ALL FIXTURES ADJACENT TO THE CHASE INCLUDING DRINKING FOUNTAINS. |
| P9 | COMMERCIAL WASHER DRAINING TROUGH.  |

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CONSTRUCTION



PLUMBING PLAN  
MERCER COUNTY ATHLETICS - PHASE 2  
FOR:  
Owner  
1124 Moberly Rd, Harrodsburg, KY 40330

**M.E.&P Engineer:**  
CMTA, Inc.  
Lexington, KY Office  
p 859.253.0892

**Structural Engineer:**  
Structural Design Group, Inc.  
p 615.255.5537

Construction Manager:  
Trace Creek Construction, Inc.  
p 606.796.3867

BG 25-362

Project No:	XMFS25
Drawn By:	NER
Rev'd By:	ADS
SHEET RELEASE	

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# P1.0

PLUMBING PLAN

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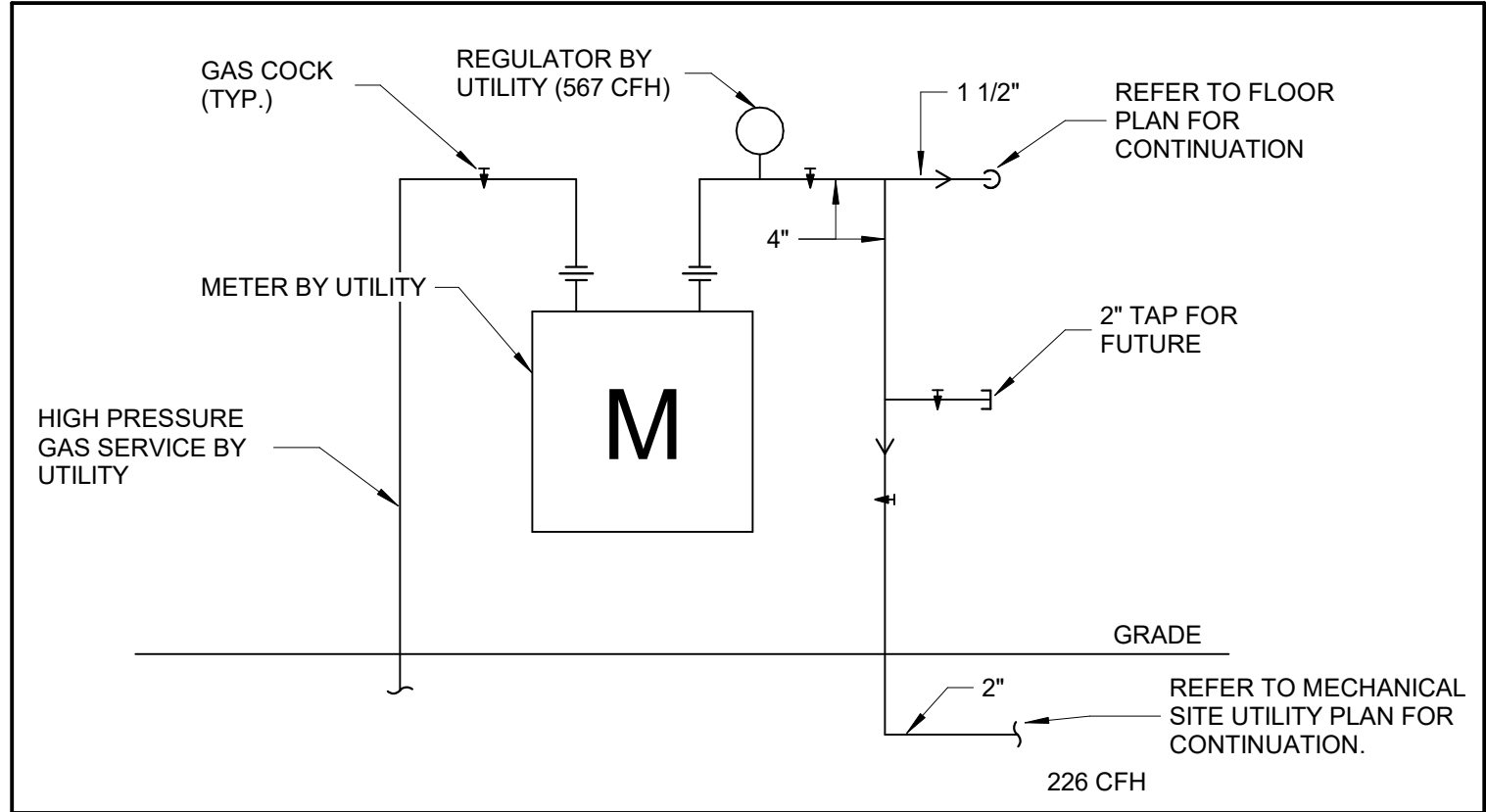
[illegible]

ACCEPTABLE MANUFACTURERS FOR PLUMBING FIXTURES, TRIM, AND EQUIPMENT			
WATER CLOSETS, LAVATORIES, URINALS	MOP SINKS AND SERVICE SINKS	WASH FOUNTAINS	TRAP PRIMERS
AMERICAN STANDARD, KOHLER, CRANE, ZURN	FIAT PRODUCTS, AMERICAN STANDARD, ELJER, KOHLER, FLORESTONE, STERN-WILLIAMS	BRADLEY, AORN, WILLOUGHBY, INTERSAN	PPP, SIOUX CHIEF, ZURN
FAUCETS AND TRIM	FIXTURE CARRIERS	EMERGENCY FIXTURES - EYEWASH, SHOWERS	WATER HEATERS
AMERICAN STANDARD, KOHLER, CHICAGO, DELTA, T&S BRASS COMMERCIAL, ZURN, JUST, SPEAKMAN, MOEN COMMERCIAL	ZURN, WADE, JOSAM, WATTS	GUARDIAN, BRADLEY, SPEAKMAN	LOCHINVAR, AO SMITH, BRADFORD WHITE, STATE, PVI, RHEEM
FLUSH VALVES	STAINLESS STEEL SINKS	P-TRAP INSULATION KIT (TRAP WRAP)	TEMPERING VALVES
AMERICAN STANDARD, SLOAN, ZURN, MOEN	ELKAY, JUST, MOEN, STERLING	TRUEBRO, BROCAR, PLUMBEX	LEONARD, LAWLER, BRADLEY, SYMONS
FIXTURE SEATS	SHOWER STALLS	FLOOR DRAINS	EXPANSION TANKS
BEMIS, CHURCH, OLSONITE	CLARION, UNIVERSAL-RUNDE, AQUA-BATH, AQUA-GLASS, AQUARIUS	ZURN, WADE, JOSAM, WATTS	AMTROL, WATTS, BELL & GOSSETT
ELECTRIC WATER COOLERS	WASHER BOX	WALL HYDRANTS AND HOSE BIBBS	SHOWER VALVES
ELKAY, HALSEY TAILOR, HAWS, OASIS	GUY GRAY, WOLVERINE, OATEY	ZURN, WOODCOFF, WATTS	LEONARD, LAWLER, BRADLEY, POWERS

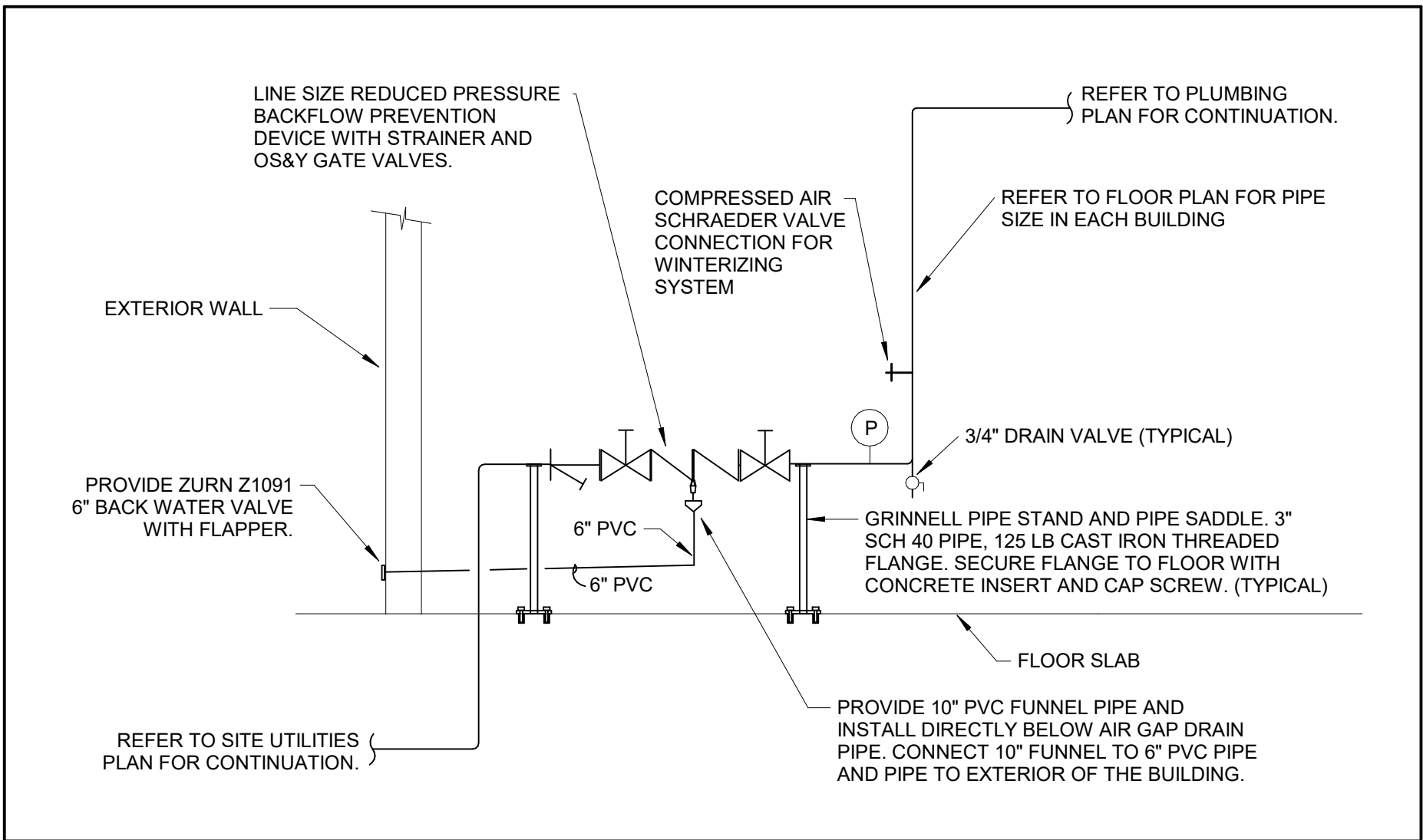
DOMESTIC HOT WATER RECIRCULATION PUMP SCHEDULE									
MARK	MANUFACTURER	MODEL	SERVICE	GPM	PRESS DROP (FT HEAD)	MOTOR HP	VOLTAGE	PHASE	REMARKS

WATER HEATER SCHEDULE - GAS									
MARK	MANUFACTURER	MODEL #	STORAGE (GAL)	RECOVERY @ 100°F RISE (GPH)	NATURAL GAS INPUT (MBH)	ALLOWABLE GAS PRESSURE RANGE (" WC)	VOLTAGE	PHASE	REMARKS
WH-1	A. O. SMITH	BTf-80	75.0	74	76.0	10-14	120 V	1	ALL
WH-2	A. O. SMITH	BTf-80	75.0	74	76.0	10-14	120 V	1	ALL

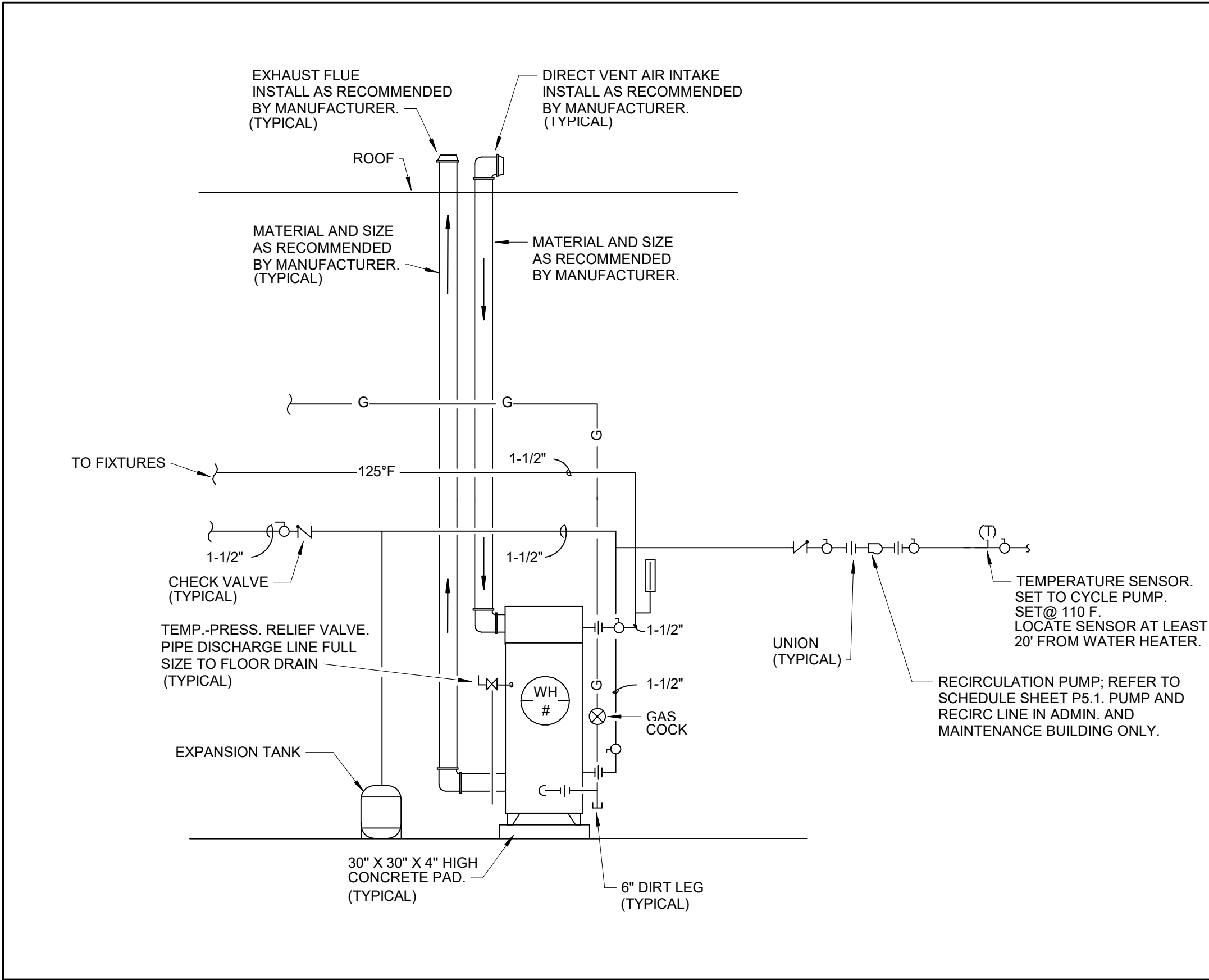
EXPANSION TANK SCHEDULE									
MARK	MANUFACTURER	MODEL #	TYPE	PHYSICAL SIZE (IN)		CAPACITY			REMARKS
				DIAMETER	HEIGHT	TANK VOLUME (GALS)	ACCEPTANCE VOLUME (GALS)	AIR CHARGE PRESSURE (PSI)	
ET-1	AMTROL	ST-5	DIAPHRAGM	8	13	2.0	0.90	30.00	ALL
ET-2	AMTROL	ST-5	DIAPHRAGM	8	13	2.0	0.90	30.00	ALL



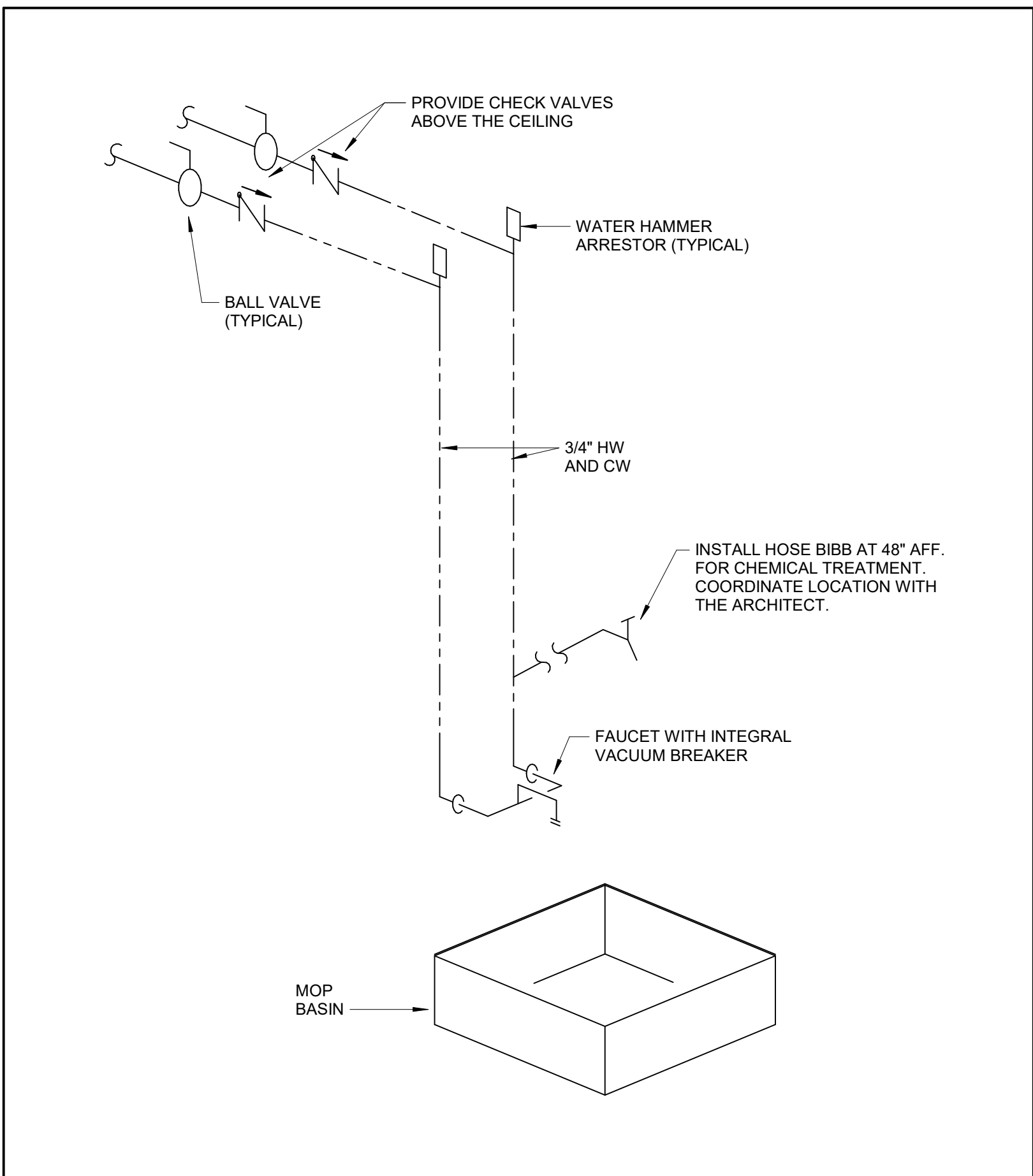
## 4 WATER HEATERS PIPING SCHEMATIC



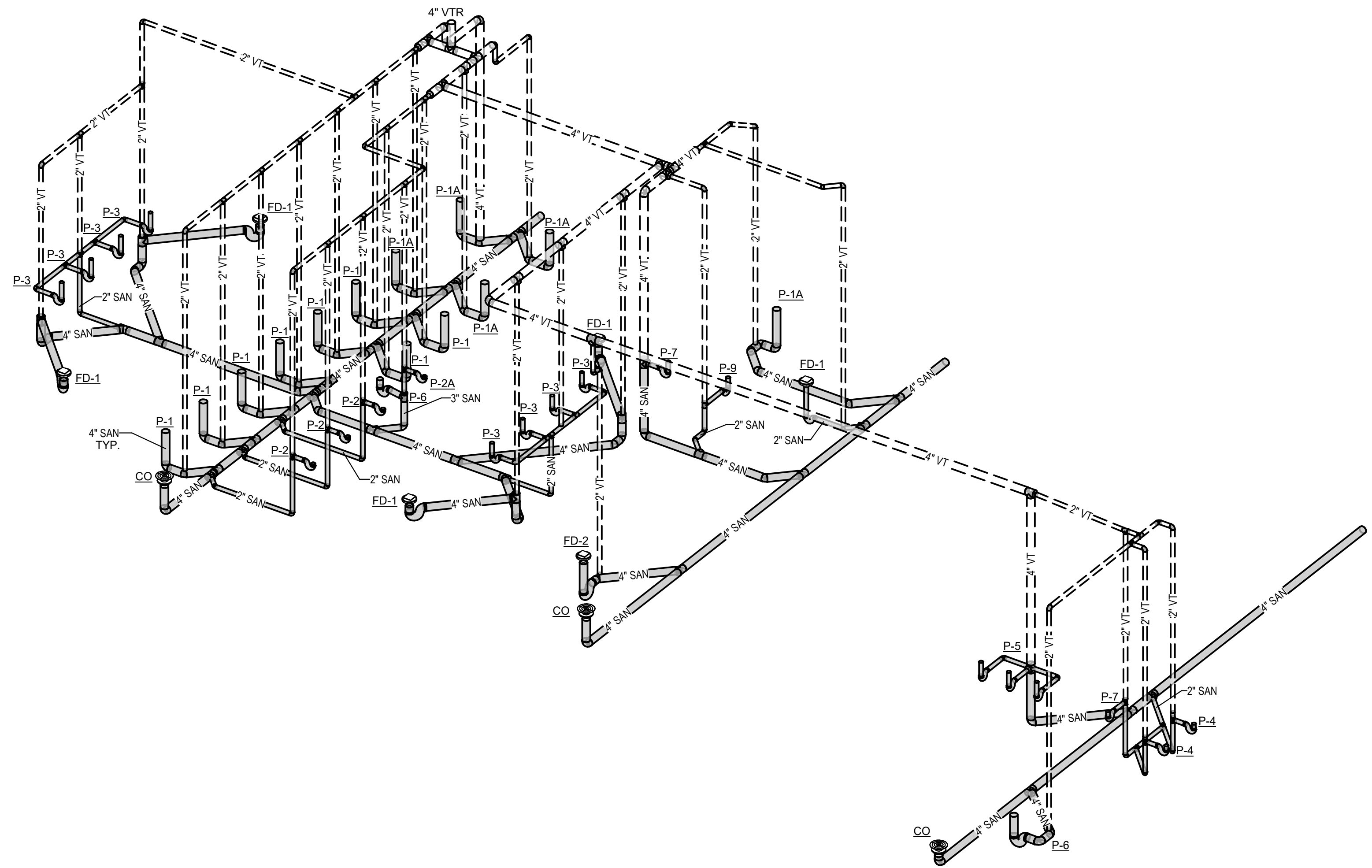
1 DOMESTIC WATER ENTRANCE SCHEMATIC  
SCALE: NONE



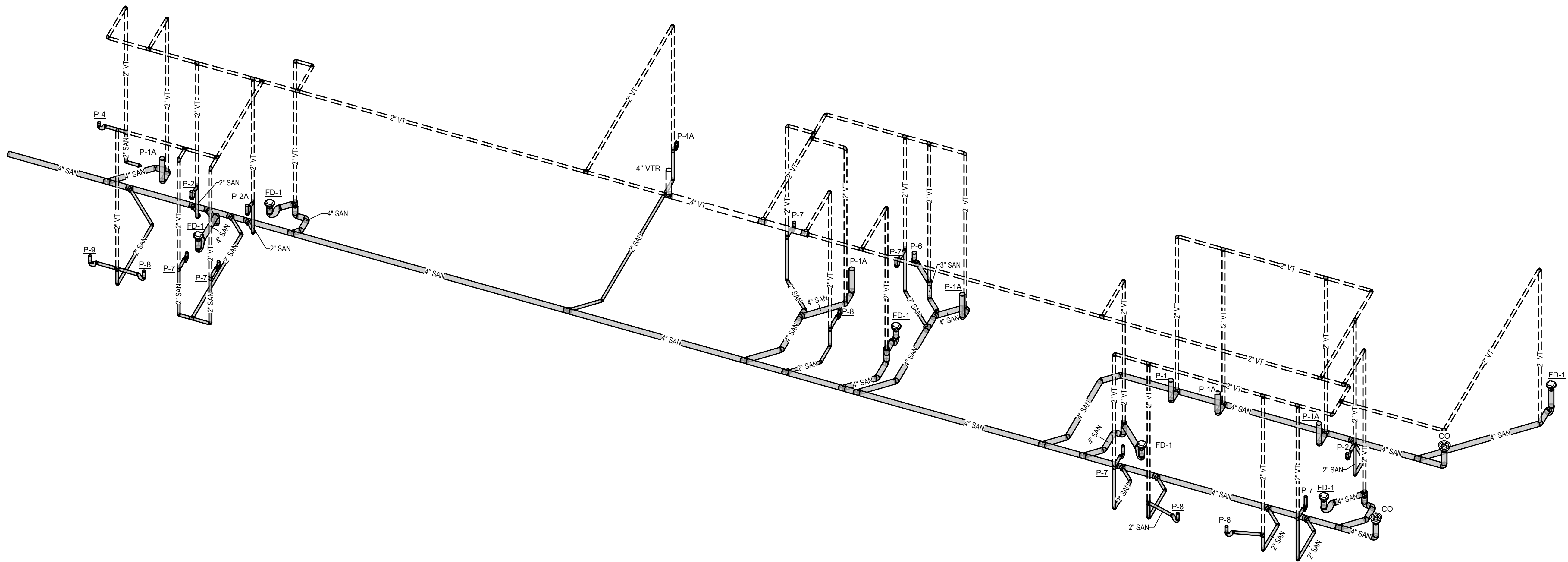
## 2 WATER HEATERS PIPING SCHEMATIC



### 3 MOP BASIN DETAIL

[illegible]

# 1 PLUMBING RISER CONCESSIONS



2 PLUMBING RISER ATHLETICS BUILDING  
SCALE: NONE

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CONSTRUCTION



**OWNER**  
**FOR:**  
**Owner**  
1124 Moberly Rd, Harrodsburg, KY 40330

**M.E.&P Engineer:**  
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606.796.3867

**BG 25-362**

Project No:	<u>XMFS25</u>
Drawn By:	<u>NER</u>
Dev'd By:	<u>ADS</u>

**SHEET RELEASE**

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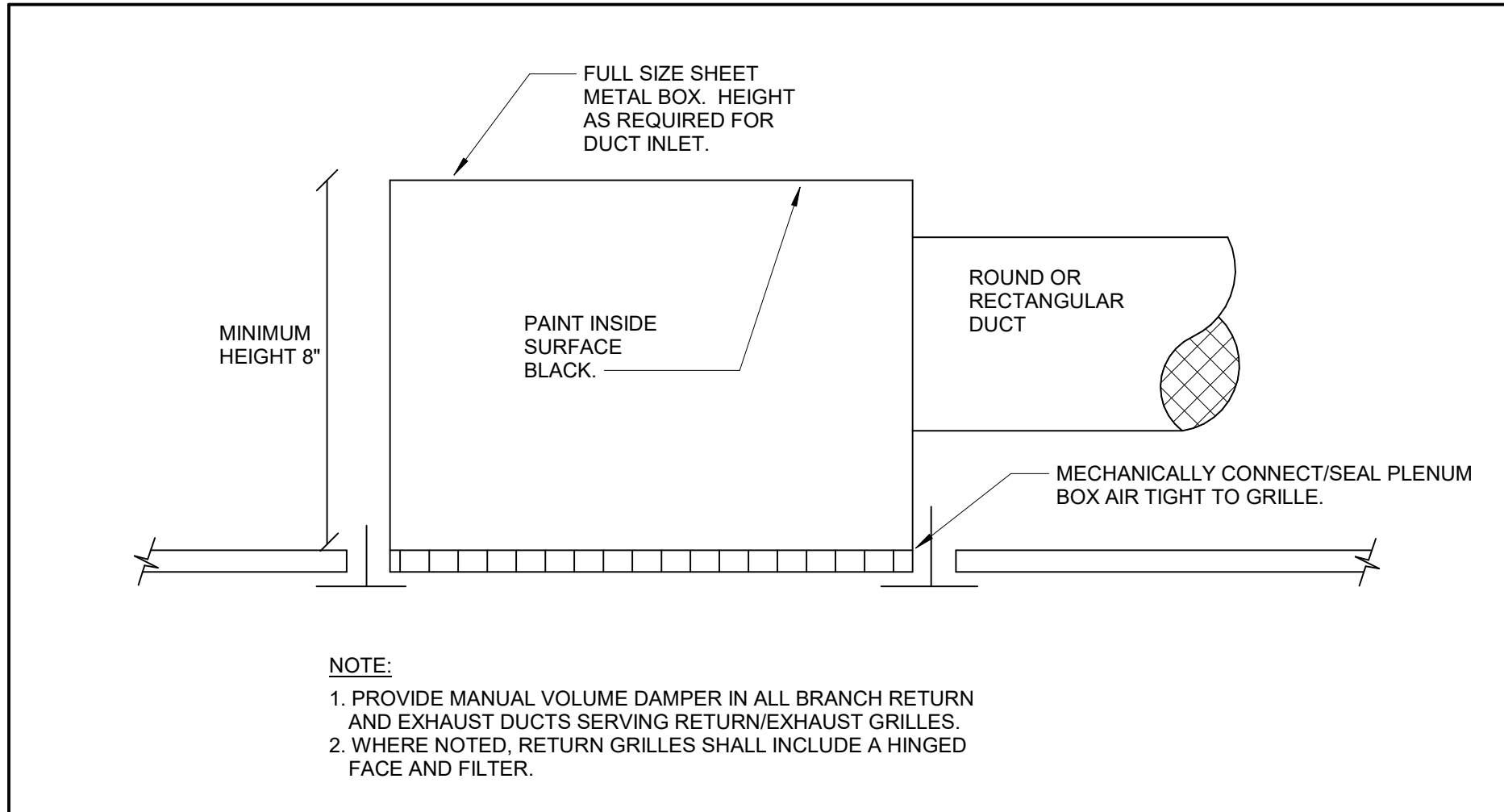
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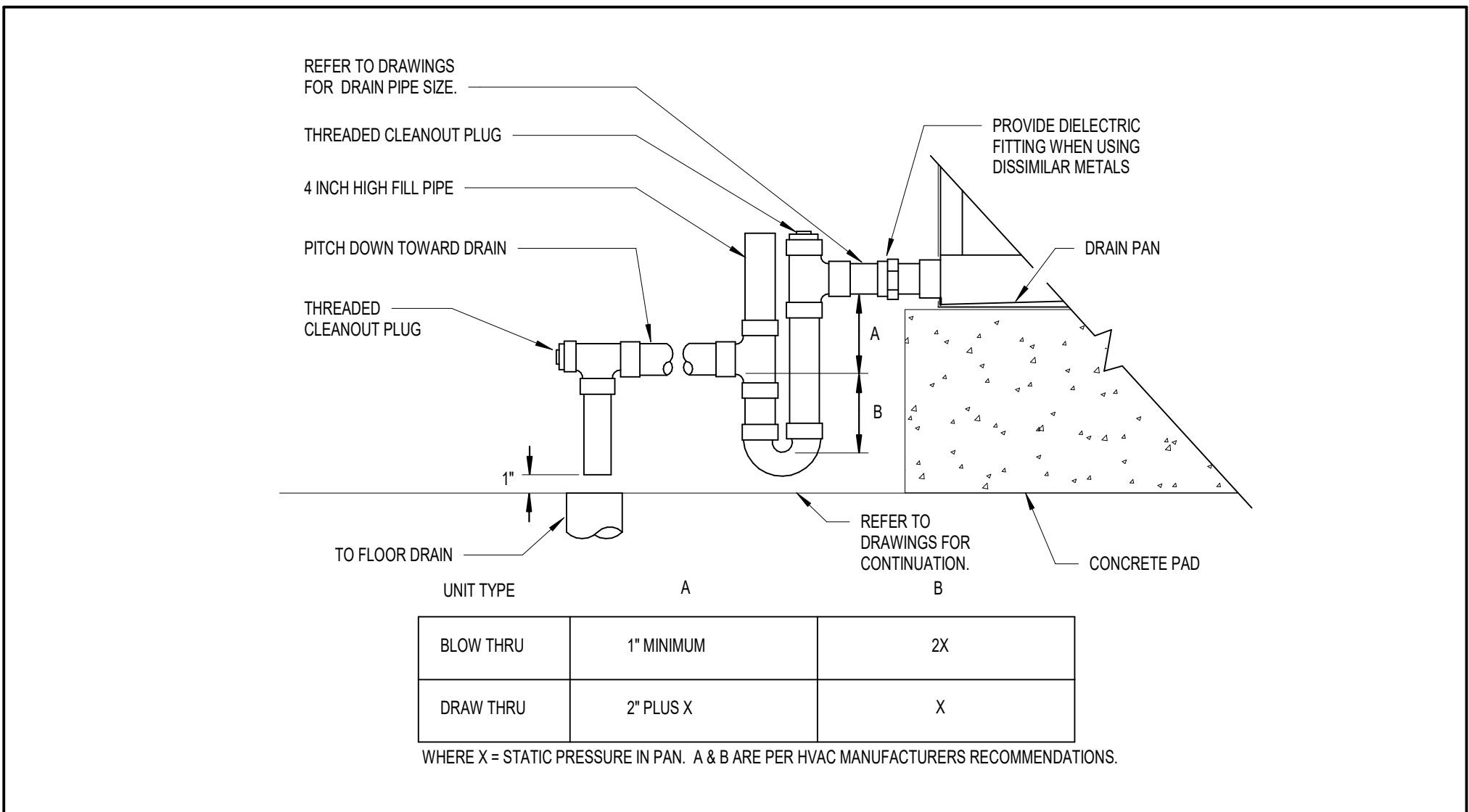
DATE ISSUED:  
MARCH 5, 2026



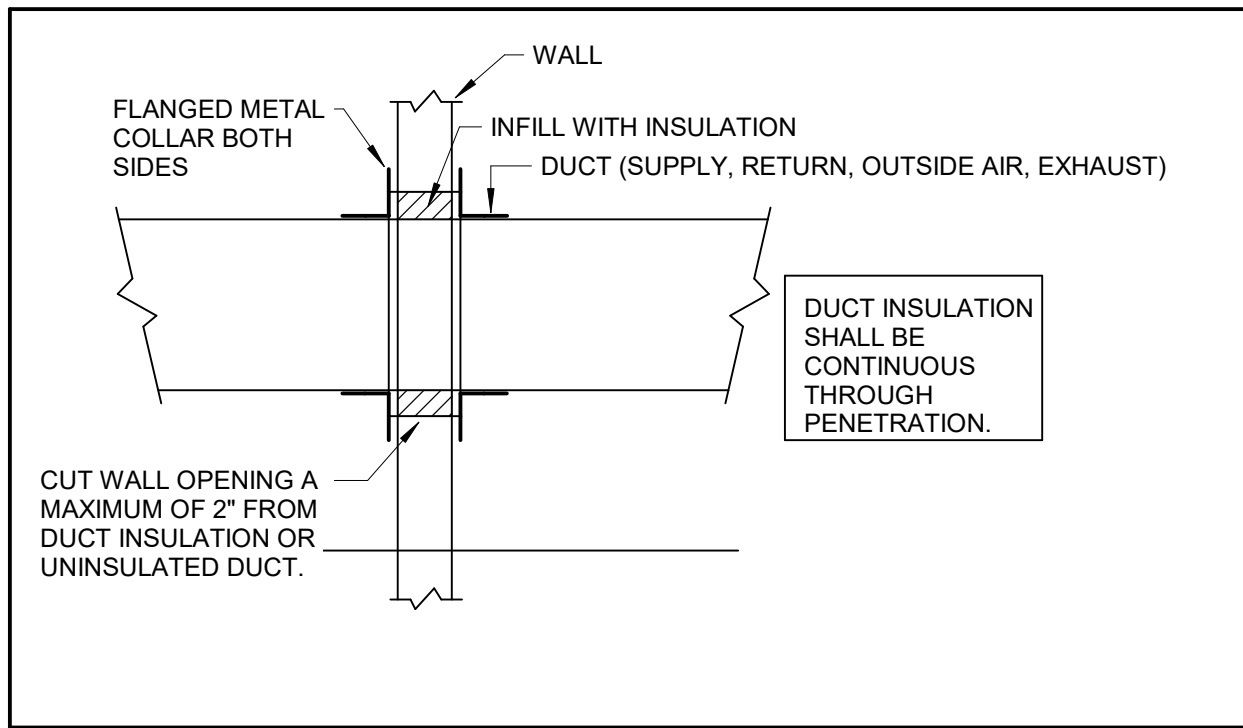


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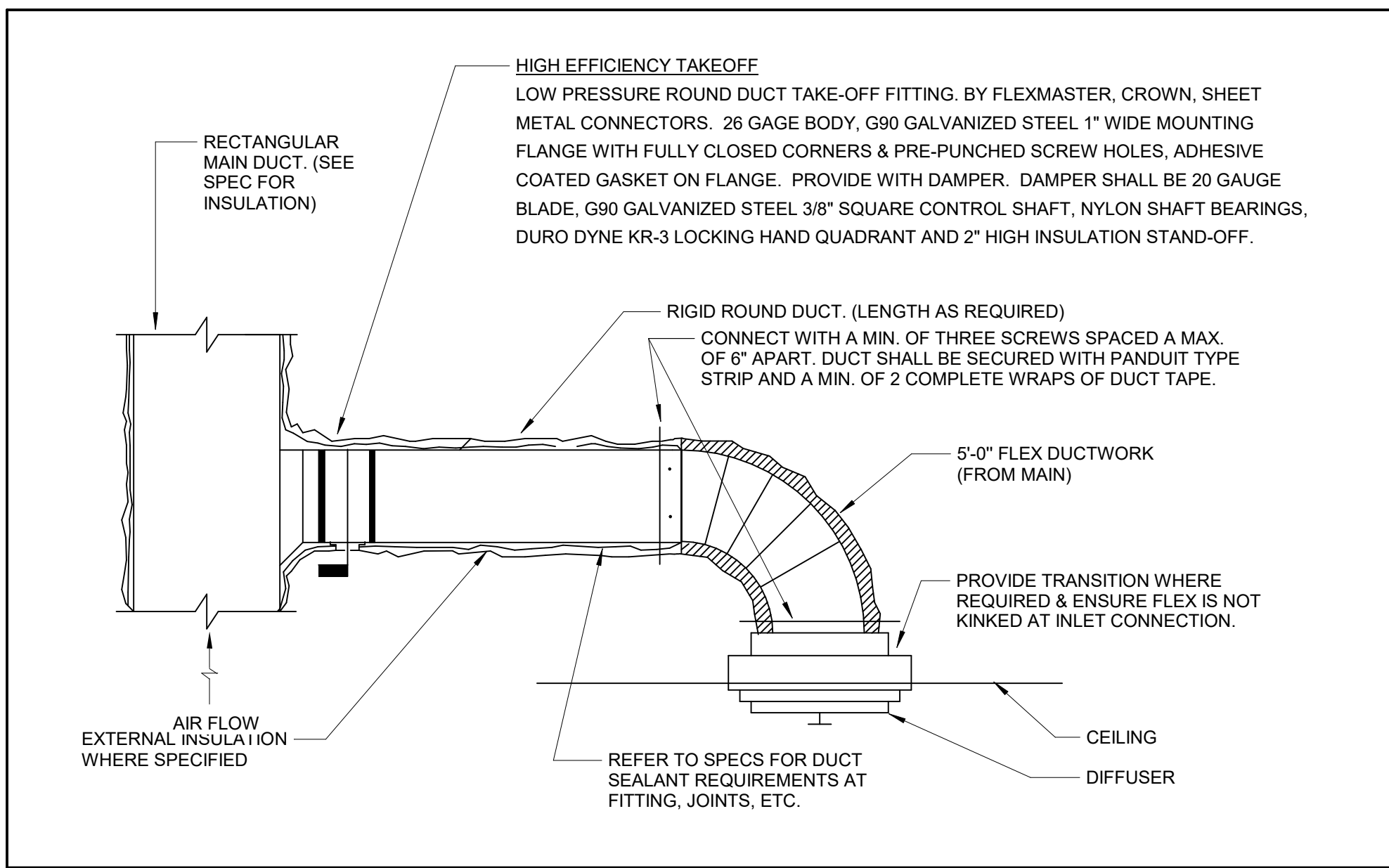
DUCTED RETURN/EXHAUST AIR GRILLE  
DETAIL



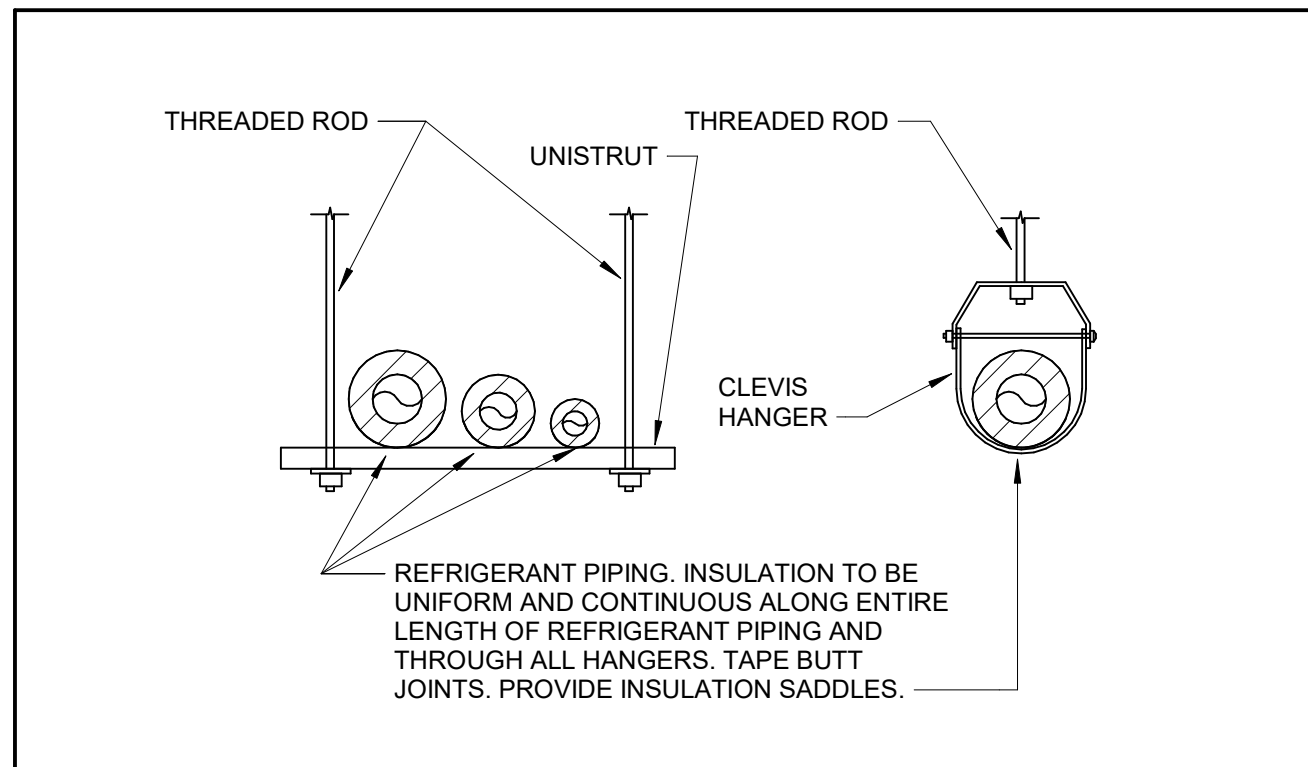
**6 AIR HANDLING UNIT DRAIN TRAP DETAIL**  
SCALE: NONE



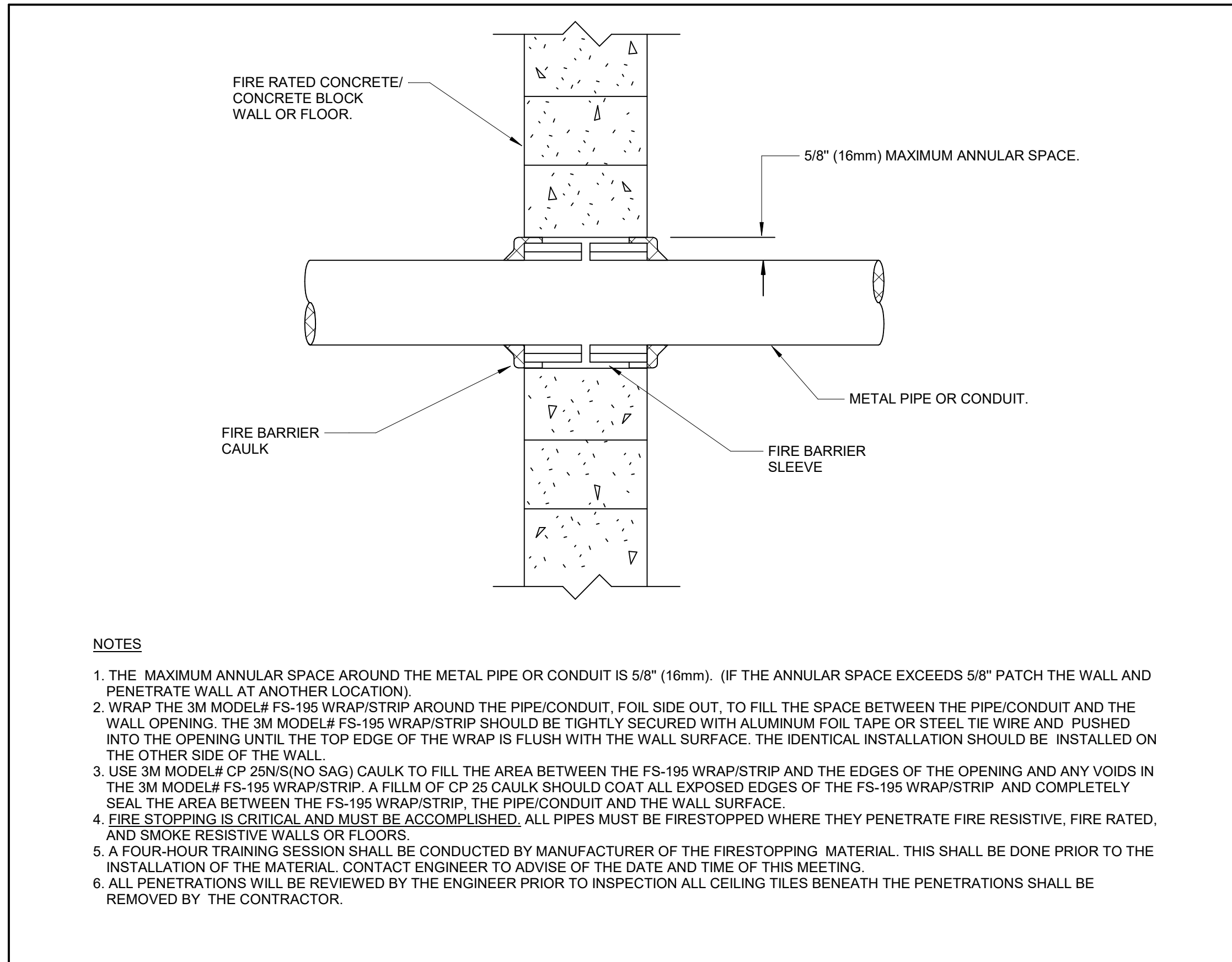
7 DUCT PENETRATION THROUGH NON-RATED WALL DETAIL  
SCALE: NONE



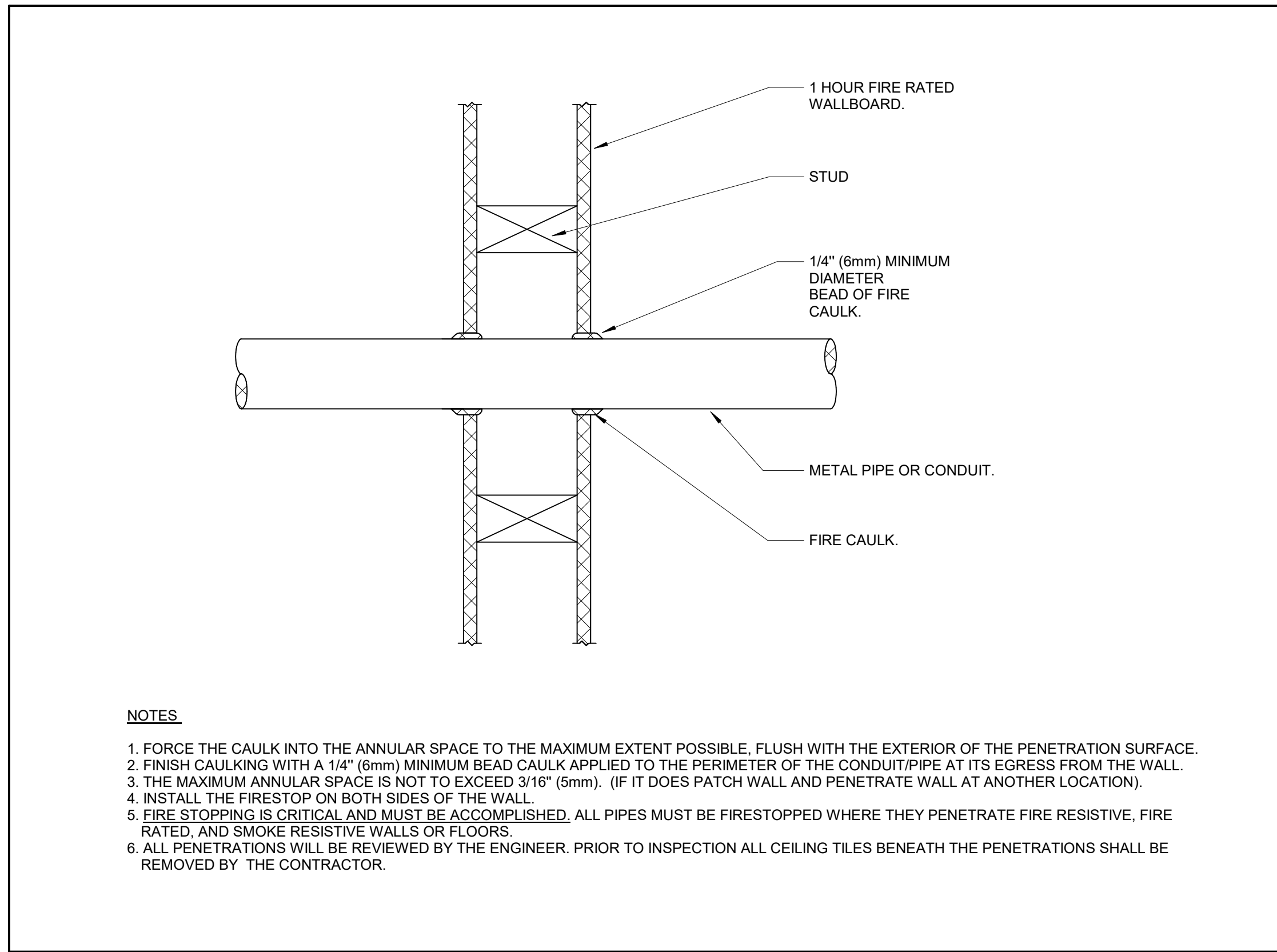
4 TYPICAL ROUND SUPPLY, RETURN, & EXHAUST BRANCH DUCT DETAIL  
SCALE: NONE



5 REFRIGERANT PIPING INSULATION DETAIL  
SCALE: NONE



1 PENETRATION FIRESTOP FOR METAL PIPE/CONDUIT THROUGH A CONCRETE WALL  
SCALE: NONE



2 PENETRATION FIRESTOP FOR METAL PIPE/CONDUIT THROUGH ONE HOUR WALL  
SCALE: NONE

[illegible]

GAS HEATER SCHEDULE													
MARK	MANUFACTURER	MODEL #	TYPE	DIMENSIONS (IN)			HEATING		ELECTRICAL				REMARKS
				LENGTH	WIDTH	HEIGHT	MBH INPUT	MBH OUTPUT	VOLTAGE	PHASE	FLA	MOCP	
G4-I	MODINE	HD-30	PROPELLER	27	18	13	30.0	24.9	120 V	1	4.2	15	ALL
TROUGH					8	13							

REMARKS:

1. ACCEPTABLE MANUFACTURERS INCLUDE: MODINE, REZNOR.
2. MOUNT UNIT AS CLOSE TO CEILING AS POSSIBLE WITH VIBRATION ISOLATION KIT.
3. PROVIDE WITH SINGLE STAGE GAS CONTROL AND REMOTE THERMOSTAT WITH CLEAR LOCKING GUARD.
4. PROVIDE WITH FINGERPROOF FAN GUARD.

LOUVER SCHEDULE													
MARK	MANUFACTURER	MODEL #	SERVICE	DEPTH (IN)	CFM	WIDTH (IN)	HEIGHT (IN)	FREE AREA (SF)	VELOCITY (FPM)	APD (IN WG.)	BIRD SCREEN	DRAINABLE BLADE	REMARKS
L-1	GREENHECK	ESD-403	INTAKE	4	1,000	28	28	2.5	0.69	0.08	Yes	Yes	ALL
L-2	GREENHECK	ESD-403	EXHAUST	4	500	16	16	0.7	753	0.08	Yes	Yes	ALL
L-3	GREENHECK	ESD-403	INTAKE	4	500	20	16	0.9	589	0.06	Yes	Yes	ALL

REMARKS:

1. ACCEPTABLE MANUFACTURERS INCLUDE: GREENHECK, ACME, CARNES, RUSKIN.
2. COLOR AND FINISH SELECTED BY ARCHITECT.
3. PROVIDE BIRD SCREEN ON INSIDE FACE OF LOUVER. PROVIDE WITH EXTENDED SILL.
4. REFER TO ARCHITECTURAL ELEVATIONS FOR ADDITIONAL INFORMATION ON MOUNTING LOCATIONS OF LOUVERS

CIRCULATION FAN SCHEDULE								
MARK	MANUFACTURER	MODEL #	TYPE	DIAMETER (FT)	ELECTRICAL DATA			REMARKS
					FLA	VOLTAGE	PHASE	
CF-1	NUTONE	CFSS2BS	CEILING			120 V	1	1, 3, 4, 6
CF-2	GREENHECK	DC-5-4-MV	HVLS	4	1.6	120 V	1	2, 5, 7

REMARKS:

1. ACCEPTABLE MANUFACTURERS INCLUDE: NUTONE, HUNTER, BROAN.
2. ACCEPTABLE MANUFACTURERS INCLUDE: BIG ASS FANS, GREENHECK, HUNTER, MICROAIR.
3. PULL CHAIN OPERATED, 3-SPEED MOTOR WITH REVERSIBLE ACTION.
4. DARK CHERRY OR LIGHT OAK BLADE FINISH SELECTED BY ARCHITECT.
5. BRUSHED STEEL, WHITE, OR OIL RUBBED BRONZE FINISH SELECTED BY ARCHITECT.
6. PROVIDE WITH 12" MOUNTING STEM.
7. PROVIDE WITH WALL CONTROLLER MOUNTED AS INDICATED ON FLOOR PLAN.

GAS FIRED FURNACE																	
MARK	MANUFACTURER	MODEL	TYPE	DIMENSIONS (IN)			WEIGHT (LBS.)	TOTAL CFM	E.S.P. (IN WG)	NATURAL GAS HEATER				ELECTRICAL DATA			REMARKS
				LENGTH	WIDTH	HEIGHT				INPUT (MBH)	OUTPUT (MBH)	MIN. GAS INLET PRESSURE (IN-WC)	MAX. GAS INLET PRESSURE (IN-WC)	MCA	VOLTAGE	PHASE	
F-1	DAIKIN	DM96VC1005CN	UPFLOW	29	21	35	150	200	0.50	100.0	96.1	10	14	13.9 A	120 V	1	ALL

ENERGY RECOVERY VENTILATOR SCHEDULE																			
MARK	MANUFACTURER	MODEL #	DIMENSIONS (IN)			WEIGHT (LBS)	AIRFLOW (CFM)	SUPPLY AIR CONDITIONS			ENERGY RECOVERY		FAN STATIC		ELECTRICAL DATA			REMARKS	
			LENGTH	WIDTH	HEIGHT			SUMMER DB (°F)	SUMMER WB (°F)	WINTER DB (°F)	COOLING (MBH)	HEATING (MBH)	OA FAN E.S.P.	EA FAN E.S.P.	VOLTAGE	PHASE	MCA		MOCP
ERV-1	DAIKIN	DPS-C07B	122	74	86	3100	1500	56.1	56.1	70.6	73.5	129.5	1.50	1.50	208 V	3	85.1	90	
ERV-2	ALPHA AIRE	AAH-5	80	28	32	600	500	73.2	59.0	94.7					208 V	1	9.3	15	

REGISTERS, GRILLES, AND DIFFUSERS												
MARK	MANUFACTURER	MODEL #	TYPE	GRILLE SIZE	PANEL SIZE	DUCT INLET SIZE	DUCT BRANCH SIZE	MAX CFM	P. D.	NOISE CRITERIA	THROW PATTERN	REMARKS
E-1	TITUS	350FL	ALUMINUM SIDEWALL GRILLE	8x8	10x10	8x8	8x8	260	0.10	25	-	ALL
E-2	TITUS	350FL	ALUMINUM SIDEWALL GRILLE	12x12	14x14	12x12	12x12	600	0.10	25	-	ALL
R-1	TITUS	355FL	ALUMINUM SIDEWALL GRILLE	24x24	26x26	24x24	24x24	2000	0.06	20	-	ALL
R-2	TITUS	365FL	ALUMINUM SIDEWALL GRILLE	8x8	10x10	8x8	16x8	500	0.10	25	-	ALL
S-1	TITUS	300FL	ALUMINUM SIDEWALL GRILLE	8x8	10x10	8x8	8x8	260	0.10	25	-	1.2
S-2	TITUS	300FL	ALUMINUM SIDEWALL GRILLE	12x12	14x14	12x12	12x12	550	0.08	25	-	1.2

REMARKS:

1. ACCEPTABLE MANUFACTURERS INCLUDE: TITUS, KRUEGER, METALAIRE, CARNES, PRICE.
2. COLOR AND FINISH SELECTED BY ARCHITECT. SEE SPECIFICATION FOR COLOR SUBMITTALS.
3. MOUNT GRILLE TO MINIMIZE LINE OF SIGHT THROUGH GRILLE.

VENTILATION FAN SCHEDULE												
MARK	MANUFACTURER	MODEL #	SERVICE	TYPE	AIRFLOW (CFM)	E.S.P.	DRIVE	RPM	FAN HP	ELECTRICAL DATA		REMARKS
										VOLTAGE	PHASE	
EF-1	GREENHECK	G-180-VG	CONCESSION	DOWNBLAST CENTRIFUGAL ROOF EXHAUSTER	1900	0.60	DIRECT	793	0.75	208 V	1	7.2 ALL
SF-1	GREENHECK	SQ-160-VG	CONCESSION	INLINE CENTRIFUGAL FAN	1700	0.50	DIRECT	907	0.75	208 V	1	5 ALL

REMARKS:

1. ACCEPTABLE MANUFACTURERS INCLUDE: GREENHECK, CARNES, CAPTIVEAIRE, AND LOREN-COOK.
2. PROVIDE WITH INTEGRAL DISCONNECT PER NEC WITH SINGLE POINT POWER CONNECTION.
3. PROVIDE WITH UNIT MOUNTED SPEED CONTROL AND VIBRATION ISOLATION HANGERS.

SPLIT SYSTEM INDOOR UNIT SCHEDULE										
MARK	MODEL #	MANUF.	DIMENSIONS (IN.)			WEIGHT (LBS)	AIRFLOW (CFM)	ELECTRICAL		REMARKS
			LENGTH	WIDTH	HEIGHT			VOLTAGE	PHASE	
AC-1	FTX12BXVJU	DAIKIN	31	10	12	25	440	208 V	1	ALL

REMARKS:

1. ACCEPTABLE MANUFACTURERS INCLUDE: DAIKIN, LG, MITSUBISHI  
2. PROVIDE WITH POWER THROUGH OUTDOOR UNIT.

SPLIT SYSTEM OUTDOOR UNIT SCHEDULE															
MARK	MANUF.	MODEL #	DIMENSIONS (IN.)			WEIGHT (LBS)	TOTAL COOLING (MBH)	SENSIBLE COOLING (MBH)	HEATING CAPACITY (MBH)	MINIMUM SEER	ELECTRICAL			REMARKS	
			LENGTH	WIDTH	HEIGHT						MCA	MCCP	VOLTAGE		PHASE
CU-1	DAIKIN	RX12BXVJU	27	12	22	75	10.9		13.5	20.0	12.4	15	208 V	1	ALL
CU-2	DAIKIN	DCSSEA6010	36	36	42	300	60.0			15.2	36.4	60	208 V	1	ALL

REMARKS:

1. ACCEPTABLE MANUFACTURERS INCLUDE: DAIKIN, LG, MITSUBISHI. PAIR WITH ASSOCIATED INDOOR UNIT.
2. PROVIDE WIND BAFFLES FOR LOW AMBIENT KIT.
3. PROVIDE UNIT WITH INTEGRAL PHASE LOSS PROTECTION.
4. PROVIDE WITH HAIL GUARDS TO PROTECT CONDENSER COILS AS REQUIRED.

**2f**  
rosstarrant architects  
a MOREgroup brand  
101 old lafayette avenue lexington, kentucky 40502 p 859.254.4018

NOT FOR  
CONSTRUCTION



MECHANICAL SCHEDULES

MERCER COUNTY ATHLETICS - PHASE 2

FOR:

Owner

1124 Moberly Rd, Harrodsburg, KY 40330

M.E.&P Engineer:  
CMTA, Inc.  
Lexington, KY Office  
p 859.253.0892

Structural Engineer:  
Structural Design Group, Inc.  
p 615.255.5537

**Construction Manager:**  
Trace Creek Construction, Inc.  
p 606.796.3867

BG 25-362

Project No:	XMFS25
Drawn By:	NER
Rev'd By:	ADS

SHEET RELEASE

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

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



















MECHANICAL SCHEDULES










DATE ISSUED:  
MARCH 5, 2026

[illegible]

DESCRIPTION	MOUNTING HEIGHT	SYMBOL	DESCRIPTION	MOUNTING HEIGHT
<b>LIGHTING CONTROLS</b>			<b>LIGHTING FIXTURES AND EQUIPMENT</b>	
LIGHT SWITCH: LOW VOLTAGE (WHEN PRESENT, # INDICATES QUANTITY OF CHANNELS)	4'		REFER TO LUMINAIRE SCHEDULE FOR EXACT FIXTURE SPECIFICATIONS, MOUNTING HEIGHTS, ETC.	
EXAM LIGHT SWITCH	4'		SURFACE OR SUSPENDED CEILING FIXTURE	
NIGHT LIGHT SWITCH WITH CONSTANTLY ILLUMINATED HANDLE	4'			
SURGICAL LIGHT INTENSITY CONTROL	4'		RECESSED CEILING FIXTURE	
LOW VOLTAGE DIMMER SWITCH (WHEN PRESENT, # INDICATES QUANTITY OF CHANNELS)	4'			
GRAPHIC TOUCHSCREEN CONTROL STATION	4'			
LINE VOLTAGE SWITCH	4'			
LINE VOLTAGE THREE-WAY, FOUR-WAY SWITCH	4'		POLE MOUNTED AREA LIGHT WITH CONCRETE BASE	
LINE VOLTAGE THREE-WAY, FOUR-WAY DIMMER SWITCH	4'			
KEYED SWITCH	4'		LIGHTED BOLLARD WITH CONCRETE BASE	
OCCUPANCY OR VACANCY SENSOR SWITCH	4'		EMERGENCY BATTERY WALL-PACK	
OCCUPANCY OR VACANCY SENSOR SWITCH WITH DIMMING	4'		WALL MOUNT FIXTURE	
LIGHT SWITCH FOR UNDER-CABINET LIGHTS	4'		TRACK COMPLETE WITH POWER SUPPLIES AND FIXTURE HEADS	
ILLUMINATED HANDLE LIGHT SWITCH (ILLUMINATED WHEN LOAD IS OFF)	4'		FLOODLIGHT	
PILOT LIGHT SWITCH (ILLUMINATED WHEN LOAD IS ON)	4'		EXIT LIGHT (CEILING, END, WALL MOUNT) WITH OR WITHOUT DIRECTIONAL ARROWS, WITH OR WITHOUT EGRESS HEADS	
TIMER SWITCH	4'		STRIP FIXTURE	
OCCUPANCY OR VACANCY SENSOR, CEILING MOUNT	CLG		CROSS-HATCHING INDICATES LIGHT IS POWERED FROM THE EMERGENCY-CRITICAL BRANCH	
OCCUPANCY SENSOR, CORNER MOUNT	CLG		PARALLEL-HATCHING INDICATES LIGHT IS POWERED FROM THE EMERGENCY-LIFE SAFETY BRANCH	
DAYLIGHT SENSOR	AS NOTED		REMOTE LIGHT FIXTURE DRIVER	AS NOTED
PHOTOCELL	AS NOTED		REMOTE BATTERY BACKUP	AS NOTED
LIGHTING RELAY	AS NOTED		CENTRAL BATTERY INVERTER	AS NOTED
EMERGENCY AUTOMATIC TRANSFER SWITCH FOR LIGHTING CONTROLS (REFER TO DETAIL)	CLG			
<b>POWER OUTLETS</b>			<b>MISCELLANEOUS</b>	
SIMPLEX RECEPTACLE (WHERE PRESENT, TEXT INDICATES RECEPTACLE TYPE)	1'-6"		CONDUIT CONCEALED IN WALLS OR IN CEILING SPACE: ARROWS (INDICATES) HOME RUN # OF CIRCUITS; HATCHMARKS INDICATE # OF CONDUCTORS.	
DUPLEX RECEPTACLE	1'-6"		NON-REVERSING MOTOR STARTER SNAP SWITCH	AS NOTED
SLASH THROUGH ANY DEVICE INDICATES MOUNTING ABOVE COUNTERTOP 4" ABOVE BACKSPLASH (WHERE PRESENT, TEXT INDICATES RECEPTACLE TYPE)			MOMENTARY CONTACT SWITCH	4'
'G' INDICATES INTEGRAL GROUND FAULT PROTECTION (GFCI)	1'-6"		HAND-OFF AUTO-SWITCH	4'
DEAD FRONT GFCI DEVICE, LABEL AND INSTALL IN READILY ACCESSIBLE LOCATION			DISCONNECT SWITCH	5'-0"
DUPLEX RECEPTACLE WITH TWO INTEGRAL USB CHARGING PORTS	1'-6"		MAGNETIC STARTER	5'-0"
USB CHARGING OUTLET WITH FOUR INTEGRAL USB PORTS	1'-6"		MAGNETIC COMBINATION STARTER	5'-0"
GANG RECEPTACLE IN COMBINATION WITH SWITCH (PROVIDE DIVIDER IF LIGHTING CIRCUIT IS 277V)	CLG		VARIABLE FREQUENCY DRIVE	5'-0"
DUPLEX RECEPTACLE, CEILING MOUNTED	4'		ENCLOSED FLUSH MTD. CIRCUIT BREAKER	5'-0"
QUADRUPLEX RECEPTACLE	1'-6"		MUSHROOM SWITCH	4'
JUNCTION BOX, CEILING OR WALL			PUSHBUTTON STATION WITH 1, 2, OR 3 BUTTONS	4'
VOLTAGE/2 POLE RECEPTACLE, TEXT INDICATES NEMA TYPE	1'-6"		PANELBOARD, SURFACE OR FLUSH MOUNTED, HATCHING INDICATES EMERGENCY	6'-6" TO TOP
VOLTAGE/3 POLE RECEPTACLE, TEXT INDICATES NEMA TYPE	1'-6"		TRANSFORMER	AS NOTED
'T' INDICATES SAFETY TYPE, TAMPER RESISTANT OUTLET(S)			EQUIPMENT HARDWARE CONNECTION (SEE DETAIL)	
SS INDICATES SURGE SUPPRESSION TYPE OUTLET(S)			KITCHEN EQUIPMENT OUTLET COUPLING CONNECTION (SEE DETAIL)	
GROUND FAULT PROTECTED DUPLEX WITH WEATHER-PROOF W/WHILE IN USE TYPE DE-CAST METAL COVER/PLATE WITH LOCKABLE ACCESS AT OUTLET - SEE SPECIFICATIONS	2'-2"		MOTOR CONNECTION, REFER TO EQUIPMENT CONNECTION SCHEDULE	
DUPLEX FOR ELECTRIC WATER COOLER: COORDINATE EXACT LOCATION WITH PLUMBING CONTRACTOR TO CONTROL OUTLET AND WATER COOLER, PROVIDE READILY ACCESSIBLE GFI DEVICE AT 18" ADJACENT TO WATER COOLER			PLUMBING FIXTURE SOLENOID VALVE/ELECTRIC EYE SENSOR CONNECTION, COORDINATE EXACT CONNECTION REQUIREMENTS WITH MANUFACTURER.	
BOX ON ANY DEVICE INDICATES SURFACE MOUNTED BACKBOX/WIREMOLD			PLUMBING FIXTURE ELECTRIC EYE TRANSFORMER CONNECTION, TRANSFORMERS SHALL BE 120V-24V, MOUNT ABOVE SUSPENDED ACCESSIBLE CEILING IN J-BOX, PROVIDE ADDITIONAL TRANSFORMERS OF SAME TYPE AS/IF NEEDED	
CIRCLE ON ANY DEVICE INDICATES DEVICE FED FROM STUB UP CONDUIT			PROVIDE CONNECTION TO HAND DRYER (SEE ARCHITECTURAL SPECIFICATIONS)	VERIFY WITH ARCHITECT
<b>FIRE ALARM</b>				
MAIN CONTROL PANEL, CENTRAL PROCESSING UNIT (CPU)	6'-4" TO TOP		SURGE PROTECTOR DEVICE (SURFACE OR FLUSH MOUNTED)	
REMOTE I.C.D. FIRE ALARM ANNUNCIATOR	5'-4"		GENERATOR ANNUNCIATOR PANEL (SURFACE OR FLUSH MOUNTED) - SEE SPECIFICATIONS	4'
REMOTE FIRE ALARM ANNUNCIATOR W/ MICROPHONE	5'-4"		CONDUIT UP	
LOCAL OPERATOR CONSOLE	5'-4"		CONDUIT DOWN	</

DESCRIPTION	MOUNTING HEIGHT	SYMBOL	DESCRIPTION	MOUNTING HEIGHT
<b>LIGHTING FIXTURES AND EQUIPMENT</b>			<b>SPECIAL OUTLETS</b>	
REFER TO LUMINAIRE SCHEDULE FOR EXACT FIXTURE SPECIFICATIONS, MOUNTING HEIGHTS, ETC.			FLOORBOX, AS SCHEDULED	FLOOR
SURFACE OR SUSPENDED CEILING FIXTURE			POKE-THRU, AS SCHEDULED	FLOOR
RECESSED CEILING FIXTURE			WALLBOX, AS SCHEDULED	WALL
POLE MOUNTED AREA LIGHT WITH CONCRETE BASE			AUDIOVISUAL SYSTEM OUTLET WITH DUPLEX RECEPTACLE. REFER TO ASSOCIATED DETAIL FOR ADDITIONAL INFORMATION	1'-6"
LIGHTED BOLLARD WITH CONCRETE BASE			COMBINATION POWER AND DATA OUTLET LOCATION. REFER TO ASSOCIATED DETAIL FOR ADDITIONAL INFORMATION	1'-6"
EMERGENCY BATTERY WALL-PACK			COMBINATION POWER AND DATA OUTLET LOCATION. GFCI DUPLEX RECEPTACLE. REFER TO ASSOCIATED DETAIL FOR ADDITIONAL INFORMATION	1'-6"
WALL MOUNT FIXTURE			OVERHEAD PROJECTOR: PROVIDE DUPLEX RECEPTACLE, ONE DATA, HDMI, 3.5mm AUDIO, AND VGA OUTLET ON (3) PLATES	CLG
			SPECIAL VIDEO SYSTEM SIGNAL INPUT	
			SURFACE PLUG-MOLD	
			SURFACE WIRE-MOLD	
		POWER POLE AS NOTED		
TRACK COMPLETE WITH POWER SUPPLIES AND FIXTURE HEADS			<b>LIGHTNING PROTECTION</b>	
FLOODLIGHT			AIR TERMINAL: LENGTH, MATERIAL, AND TYPE OF TIP PER SPECIFICATIONS	REFER TO DETAILS
EXT LIGHT (CEILING, END, WALL MOUNT) WITH OR WITHOUT DIRECTIONAL ARROWS, WITH OR WITHOUT EGRESS HEADS			LIGHTNING PROTECTION SYSTEM COPPER GROUND ROD: LENGTH, DIAMETER PER SPECIFICATIONS	REFER TO DETAILS
STRIP FIXTURE			LIGHTNING PROTECTION SYSTEM CONDUCTOR: TYPE AND MATERIAL PER SPECIFICATIONS	REFER TO DETAILS
CROSS-HATCHING INDICATES LIGHT IS POWERED FROM THE EMERGENCY-CRITICAL BRANCH			<b>TELEVISION</b>	
PARALLEL-HATCHING INDICATES LIGHT IS POWERED FROM THE EMERGENCY-LIFE SAFETY BRANCH			TELEVISION HEADEND (SPLITTERS/AMPLIFIERS/DISTRIBUTION)	46"
REMOTE LIGHT FIXTURE DRIVER	AS NOTED		TELEVISION SYSTEM OUTLET WITH DUPLEX RECEPTACLE, COORDINATE LOCATION WITH WALL BRACKET WHERE APPLICABLE	7'-0"
REMOTE BATTERY BACKUP	AS NOTED		<b>OVERHEAD PAGING</b>	
CENTRAL BATTERY INVERTER	AS NOTED		PAGING SPEAKER: CEILING	CLG
<b>MISCELLANEOUS</b>			PAGING SPEAKER W/ VOLUME CONTROL	CLG
CONDUIT CONCEALED IN WALLS OR IN CEILING SPACE: ARROWS INDICATES HOME RUN & # OF CIRCUITS: HATCHMARKS INDICATE # OF CONDUCTORS			PAGING SPEAKER: WALL	8'-0"
NON-REVERSING MOTOR STARTER SNAP SWITCH	AS NOTED		RECESSED WALL MOUNTED PAGING SPEAKER DUKANE SA606 SPEAKER, ATLAS 411-8WD	8'-0"
MOMENTARY CONTACT SWITCH	46"		VANDAL, PPOF / WEATHERPROOF WALL MOUNTED PAGING SPEAKER, QUAM VP1	SEE FLOOR PLANS
HAND-OF-AUTO 3 POSITION SWITCH	46"		EXTERIOR WALL MOUNTED PAGING SPEAKER W/ WEATHERPROOF WALL MOUNTED PAGING SPEAKER, SHALL BE PAINTED COLOR SELECTED BY ARCHITECT/OWNER. QUAM VP6	SEE FLOOR PLANS
DISCONNECT SWITCH	5'-0"		WALL MOUNTED PAGING HORN	9'-0"
MAGNETIC STARTER	5'-0"		CALL INITIATION STATION	46"
MAGNETIC COMBINATION STARTER	5'-0"		WALL VOLUME CONTROL	46"
VARIABLE FREQUENCY DRIVE	5'-0"		PAGING MICROPHONE	1'-6"
ENCLOSED FLUSH MTD. CIRCUIT BREAKER	5'-0"		PANIC BUTTON (MOUNTING PER DRAWINGS)	46", UNDER DESK
MUSHROOM SWITCH	46"		NOTIFICATION LIGHT (MOUNTING PER DRAWINGS)	7'-6", CLG
PUSHBUTTON STATION WITH 1, 2, OR 3 BUTTONS	46"		LCD WALL DISPLAY	
PANELBOARD, SURFACE OR FLUSH MOUNTED, HATCHING INDICATES EMERGENCY	6'-6" TO TOP		PAGING SYSTEM HEADEND	46"
TRANSFORMER	AS NOTED		<b>CLOCKS</b>	
EQUIPMENT HARDWARE CONNECTION (SEE DETAIL)			TYPICAL CLOCK MOUNTING HEIGHTS: FOR CEILING HEIGHTS < 8'-0" MOUNT CENTER OF BACKBOX AT 8" BELOW CEILING	
KITCHEN EQUIPMENT OUTLET COUPLING CONNECTION (SEE DETAIL)			FOR CEILING HEIGHTS >= 8'-0" MOUNT CENTER OF BACKBOX AT 8'-0" AFF.	
MOTOR CONNECTION, REFER TO EQUIPMENT CONNECTION SCHEDULE			ANALOG CLOCK: SINGLE FACE	SEE ABOVE
PLUMBING FIXTURE SOLENOID VALVE/ELECTRIC EYE SENSOR CONNECTION. COORDINATE EXACT CONNECTION REQUIREMENTS WITH MANUFACTURER.			ANALOG CLOCK: DUAL FACE	SEE ABOVE
PLUMBING FIXTURE ELECTRIC EYE TRANSFORMER CONNECTION. TRANSFORMER SHALL BE 120V-24V MOUNT ABOVE SUSPENDED ACCESSIBLE CEILING JOCK. PROVIDE ADDITIONAL TRANSFORMERS OF SAME TYPE AS/IF NEEDED			DIGITAL CLOCK: SINGLE FACE	SEE ABOVE
PROVIDE CONNECTION TO HAND DRYER (SEE ARCHITECTURAL SPECIFICATIONS)	VERIFY WITH ARCHITECT		DIGITAL CLOCK: DUAL FACE	SEE ABOVE
SURGE PROTECTION DEVICE (SURFACE OR FLUSH MOUNTED)			CLOCK SYSTEM HEAD END	84"
GENERATOR ANNUNCIATOR PANEL (SURFACE OR FLUSH MOUNTED) - SEE SPECIFICATIONS	46"		<b>AV SYSTEMS</b>	
CONDUIT UP			PROJECTOR WITH MOUNT (CEILING OR WALL AS INDICATED)	REFER TO DRAWINGS
CONDUIT DOWN			LOCAL SOUND SPEAKER: CEILING	CLG
FLEXIBLE CONDUIT			WIRELESS MICROPHONE ANTENNA	CLG
GROUND BUS BAR ON INSULATED STANDOFFS	2'-0"		LOCAL SOUND SPEAKER: WALL	REFER TO SPECS.
BUS DUCT, AMPERAGES AS NOTED	AS SHOWN		MICROPHONE INPUT: # INDICATES NUMBER OF INPUTS (MOUNTING PER DRAWINGS)	1'-6", CLG
WIREWAY WITH REMOVABLE COVER (SIZE AS NOTED)	AS SHOWN		WIRELESS MICROPHONE ANTENNA, WALL MOUNT	REFER TO SPECS.
TRENCH DUCT (SIZE AS NOTED)	AS SHOWN		AV INPUT (OR OUTPUT) WALL PLATE. REFER TO DRAWINGS AND SPECIFICATIONS FOR TYPE AND QUANTITY OF CONNECTIONS.	1'-6"
WIRE BASKET CABLE TRAY, SIZE AS NOTED	AS SHOWN		BLUETOOTH INPUT MODULE	1'-6"
LADDER CABLE TRAY, SIZE AS NOTED	AS SHOWN		AV TOUCHSCREEN CONTROL STATION	46"
SOLID BOTTOM CABLE TRAY, SIZE AS NOTED	AS SHOWN		LOCAL SOUND SYSTEM HEADEND	REFER TO SPECS.
J-HOOK PATHWAY			<b>LINETYPE LEGEND</b>	
EQUIPMENT TAG, REFER TO EQUIPMENT SCHEDULE			-----	EXISTING
MECHANICAL EQUIPMENT DESIGNATOR (SEE MECH. SCHEDULES)			-----	DEMOLISHED
TAGGED NOTE			-----	NEW
REVISION TAG				

DESCRIPTION	MOUNTING HEIGHT	SYMBOL	DESCRIPTION	MOUNTING HEIGHT
SPECIAL OUTLETS			SECURITY PANIC ALARM	
FLOORBOX, AS SCHEDULED	FLOOR		PANIC ALARM BUTTON	SEE DRAWINGS
POKE-THRU, AS SCHEDULED	FLOOR		PANIC ALARM ANNUNCIATOR	48"
WALLBOX, AS SCHEDULED	WALL		PANIC ALARM STROBE - REFER TO SPECIFICATIONS FOR LENS AND HOUSING COLOR	SAME AS FIRE ALARM
AUDIOVISUAL SYSTEM OUTLET WITH DUPLEX RECEPTACLE, REFER TO ASSOCIATED DETAIL FOR ADDITIONAL INFORMATION	1'-6"		PANIC ALARM POWER SUPPLY CABINET	5'-0"
COMBINATION POWER AND DATA OUTLET LOCATION, REFER TO ASSOCIATED DETAIL FOR ADDITIONAL INFORMATION	1'-6"		SECURITY INTERCOM	
COMBINATION POWER AND DATA OUTLET LOCATION, GFCI DUPLEX RECEPTACLE, REFER TO ASSOCIATED DETAIL FOR ADDITIONAL INFORMATION	1'-6"		AUDIOVIDEO INTERCOM STATION- MASTER WITH SELECTIVE DOOR CONTROLS - POWER SUPPLIES A DOOR RELAY CONTACTS AS REQUIRED FOR OPERATION OF ANY DOOR IN THE SYSTEM AND VIEWING OF ANY AUDIOVIDEO INTERCOM REMOTE ON THE SYSTEM. APHONEX-ANY WIDESPAN STAND - COLOR BY ARCHITECT.	DESK MOUNT
OVERHEAD PROJECTOR: PROVIDE DUPLEX RECEPTACLE, ONE DATA, HDMI, 3.5mm AUDIO, AND VGA OUTLET ON (3) PLATES	CLG		AUDIOVIDEO INTERCOM STATION- REMOTE WITH FLUSH-MTD S.S. ENCLOSURE, APHONEX-8X10-017	48"
SPECIAL VIDEO SYSTEM SIGNAL INPUT			SECURITY ACCESS CONTROL	
SURFACE PLUG/MOLD			DOOR ALARM	DOOR FRAME
SURFACE WIRE MOLD			DOOR POSITION SWITCH	DOOR FRAME
POWER POLE AS NOTED			MAGNETIC LOCK(S)	ASBY DOOR
LIGHTNING PROTECTION			ELECTRIC LOCKSET	AT LATCH
AIR TERMINAL - LENGTH, MATERIAL, AND TYPE OF TIP PER SPECIFICATIONS	REFER TO DETAILS		DOOR DELAYED EGRESS/ELECTRIFIED PANIC MECHANISM	ASBY DOOR
LIGHTNING PROTECTION SYSTEM COPPER GROUND ROD: LENGTH, DIAMETER PER SPECIFICATIONS	REFER TO DETAILS		ELECTRIC STRIKE	AT LATCH
LIGHTNING PROTECTION SYSTEM CONDUCTOR: TYPE AND MATERIAL PER SPECIFICATIONS	REFER TO DETAILS		AUTOMATIC DOOR CONNECTION (MAY ALSO HAVE ELECTRIC STRIKEMAG-LOCK/ELECTRIFIED PANIC CONNECTION - SEE ARCHITECTURAL HARDWARE SPECIFICATIONS)	CLG
TELEVISION			DOOR RELEASE PUSH/PULL - INFRARED OPERATOR STATION (PROVIDE ANY ADDITIONAL, RUSH-IN FOR "EMERGENCY RELEASE" OPERATOR STATIONS AS REQUIRED)	48"
TELEVISION HEADEND (SPLITTER/SAMPLER/DISTRIBUTION)	48"		DOOR RELEASE KEYSWITCH STATION	6'-0"
TELEVISION SYSTEM OUTLET WITH DUPLEX RECEPTACLE, COORDINATE LOCATION WITH WALL BRACKET WHERE APPLICABLE	7'-0"		DOOR RELEASE KEYPAD STATION	48"
OVERHEAD PAGING			DOOR RELEASE PROXIMITY READER STATION, PROVIDE ANY ADDITIONAL, RUSH-IN FOR "EMERGENCY RELEASE" OPERATOR STATIONS AS REQUIRED.	48"
PAGING SPEAKER: CEILING	CLG		SAME AS "PR" EXCEPT MILLION MOUNT	48"
PAGING SPEAKER W/ VOLUME CONTROL	CLG		MOTION SENSOR DOOR CONTROL	CLG
PAGING SPEAKER: WALL	8'-0"		PUSH-TO-EXIT BUTTON	48"
RECESSED WALL MOUNTED PAGING SPEAKER DUKANE S406 SPEAKER, ATLAS 417-8WD	8'-0"		REMOTE DOOR RELEASE PUSH-BUTTON	8' ACT
VANDAL PROOF / WEATHERPROOF WALL MOUNTED PAGING SPEAKER, QUAM VP1	SEE FLOOR PLANS		RECESSED JUNCTION BOX	SEE DRAWINGS
EXTERIOR VANDAL PROOF / WEATHERPROOF WALL MOUNTED PAGING SPEAKER, SHALL BE PAINTED COLOR SELECTED BY ARCHITECT/OWNER, QUAM VP8	SEE FLOOR PLANS		ACCESS CONTROL HEADEND	5'-0"
WALL MOUNTED PAGING HORN	9'-0"		SECURITY CCTV VIDEO SURVEILLANCE	
CALL INITIATION STATION	48"		CCTV CAMERA: CEILING MOUNT (TEXT INDICATES TYPE) REFER TO SCHEDULE FOR TYPES	CLG
WALL VOLUME CONTROL	48"		CCTV CAMERA: WALL MOUNT (TEXT INDICATES TYPE) REFER TO SCHEDULE FOR TYPES	WALL
PAGING MICROPHONE	1'-6"		INDICATES EXTERIOR CAMERA RATED FOR CONDITIONS, WET LOCATION LISTED, WITH AUXILIARY HEATER	
PANIC BUTTON (MOUNTING PER DRAWINGS)	48", UNDER DESK		INDICATES CAMERA WITH PAN/TILT/ZOOM FUNCTION	
NOTIFICATION LIGHT (MOUNTING PER DRAWINGS)	7'-6", CLG		CCTV HEAD END	SEE DRAWINGS
LCD WALL DISPLAY			SECURITY INTRUSION DETECTION	
PAGING SYSTEM HEADEND	48"		MOTION DETECTOR (WALL OR CEILING MOUNT)	CLG
CLOCKS			GLASS BREAK SENSOR (WALL OR CEILING MOUNT)	CLG
TYPICAL CLOCK MOUNTING HEIGHTS: FOR CEILING HEIGHTS < 8'-0" MOUNT CENTER OF BACKBOX AT 8" BELOW CEILING.			LOCAL SOUNDER	SEE DRAWINGS
FOR CEILING HEIGHTS > 8'-0" MOUNT CENTER OF BACKBOX AT 8'-0" AFF.			INTRUSION DETECTION KEYPAD CONTROLLER	48"
ANALOG CLOCK: SINGLE FACE	SEE ABOVE		SECURITY SYSTEM HEAD END	5'-0"
ANALOG CLOCK: DUAL FACE	SEE ABOVE		DATA / VOICE	
DIGITAL CLOCK: SINGLE FACE	SEE ABOVE		DATA OUTLET - NUMBER BESIDE OUTLET INDICATES NUMBER OF DATA JACKS. NO NUMBER INDICATES 1 JACK	1'-6"
DIGITAL CLOCK: DUAL FACE	SEE ABOVE		VOICE OUTLET - NUMBER BESIDE OUTLET INDICATES NUMBER OF VOICE JACKS. NO NUMBER INDICATES 1 JACK	1'-6"
CLOCK SYSTEM HEAD END	8'-0"		COMBINATION OUTLET - NUMBER BESIDE OUTLET INDICATES NUMBER OF DATA/VOICE JACKS	1'-6"
AV SYSTEMS			SLASH THROUGH ANY DEVICE INDICATES MOUNTING ABOVE COUNTERTOP 4" ABOVE BACKSPLASH	
PROJECTOR WITH MOUNT (CEILING OR WALL AS INDICATED)	REFER TO DRAWINGS		OUTLET (VOICE ONLY): PLPHONE TYPE	AS REQ'D
LOCAL SOUND SPEAKER: CEILING	CLG		DATA RACK: TWO POST: REFER TO COMMUNICATIONS RISERS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.	
WIRELESS MICROPHONE ANTENNA	CLG		DATA RACK: FOUR POST: REFER TO COMMUNICATIONS RISERS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.	
LOCAL SOUND SPEAKER: WALL	REFER TO SPECS.		TELECOMMUNICATIONS SYSTEM BACKBOARD: PROVIDE 96"x 54"0 PRE-RETARDENT PLYWOOD BACKBOARD WITH TWO (2) COATS OF NON-CONDUCTIVE, FIRE-RETARDANT LIGHT GRAY PAINT. 8"0 TO GROUND BAR AT MAIN SERVICE SWITCHBOARD, 36"01 GROUND BAR AND 8'-0" 48 INGS PIGTAIL AT BACKBOARD. INSTALL BOARD AT 2' AFF. LENGTH OF BOARD AS INDICATED ON FLOOR PLAN.	
MICROPHONE INPUT - # INDICATES NUMBER OF INPUTS (MOUNTING PER DRAWINGS)	1'-6", CLG		WIRELESS ACCESS POINT FOR ANTENNA WITH PROVISIONS FOR (2 DATA OUTLET FOR AN ANTENNA. PROVIDE A COMPLETE DATA OUTLET WITH FACETAIL ABOVE CEILING, MOUNTED AT AN ACCESSIBLE HEIGHT NO MORE THAN 2'01 ABOVE CEILING, AT EACH OUTLET. PROVIDE A 2'01 COIL OF CABLE HEAD OF THE OUTLET FOR ADJUSTMENT OF FINAL OUTLET LOCATION. THE CONTRACTOR SHALL COORDINATE EXACT LOCATIONS WITH THE OWNER AND ADJUST OUTLET LOCATIONS AT SUBSTANTIAL CONVECTION TO ACCOMMODATE OWNERS WAP LOCATIONS.	CEILING
WIRELESS MICROPHONE ANTENNA, WALL MOUNT	REFER TO SPECS.			
AV INPUT (OR OUTPUT) WALL PLATE. REFER TO DRAWINGS AND SPECIFICATIONS FOR TYPE AND QUANTITY OF CONNECTIONS.	1'-6"			
BLUETOOTH INPUT MODULE	1'-6"			
AV TOUCHSCREEN CONTROL STATION	48"			
LOCAL SOUND SYSTEM HEADEND	REFER TO SPECS.			WALL
LINETYPE LEGEND				

DESCRIPTION	MOUNTING HEIGHT	SYMBOL	ELECTRICAL NOTES	
SECURITY PANIC ALARM				
PANIC ALARM BUTTON	SEE DRAWINGS		A EACH CONTRACTOR, PROPOSER, SUPPLIER AND/OR MANUFACTURER SHALL BE RESPONSIBLE FOR COORDINATING ALL ELECTRICAL WORK TO ENSURE ADEQUATE CLEARANCES AND CHARACTERISTICS TO AVOID CONFLICT WITH ANY OTHER ELECTRICAL INSTALLATIONS.	
PANIC ALARM ANNUNCIATOR	4'-0"		B ADDITIONAL ELECTRICAL REQUIREMENTS MAY BE SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING ALL PLANS AND SPECIFICATIONS TO ENSURE COMPLIANCE WITH ALL APPLICABLE CODES, RULES AND REGULATIONS.	
PANIC ALARM STROBE - REFER TO SPECIFICATIONS FOR LENS AND HOUSING COLOR	SAME AS FIRE ALARM		C WORK SHALL BE COORDINATED WITH THE LATEST EDITION OF THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 70 (NEC), NFPA 72, INTERNATIONAL BUILDING CODES, AND ALL OTHER APPLICABLE CODES, RULES AND REGULATIONS. THE CONTRACTOR SHALL FOLLOW SEISMIC RESTRAINT AND ANCHORING REQUIREMENTS AS SHOWN ON THE DRAWINGS AND AS ADOPTED IN THE LATEST EDITION OF THE INTERNATIONAL BUILDING CODES.	
PANIC ALARM POWER SUPPLY CABINET	5'-0"		D CONTRACTOR SHALL FOLLOW SEISMIC RESTRAINT AND ANCHORING REQUIREMENTS AS SHOWN ON THE DRAWINGS AND AS ADOPTED IN THE LATEST EDITION OF THE INTERNATIONAL BUILDING CODES.	
SECURITY INTERCOM				
AUDIO/VIDEO INTERCOM STATION - MASTER WITH SELECTIVE DOOR CONTACTS, POWER SUPPLIES & DOOR RELAY CONTACTS AS REQUIRED FOR OPERATION OF ANY DOOR IN THE SYSTEM AND VIEWING OF ANY AUDIO/VIDEO INTERCOM REMOTE ON THE SYSTEM APPROPRIATE W/ VIDEO STATION - REMOTE OR BY ARCHITECT.	DESK MOUNT		E ALL OFFSETS, TURNS, FITTINGS, TRIM, ETC., ETC. MAY SHALL BE INCLUDED FOR SAME AT EACH PROPOSER'S DISCRETION.	
AUDIO/VIDEO INTERCOM STATION - COLOR WITH FLUSHMOUNT S.S. ENCLOSURE, APPROX. 18" DIA.	4'-0"		F INSTALL NO PIPING, CONDUIT, DUCTWORK, ETC. IN WALLS OR CEILING. PROVIDE CONDENSATION TRAP IF IN DOUBT. CONTACT THE ENGINEER OF ANY CONFLICTS, ERRORS, OR OMISSIONS WRITTEN ADDENDUM.	
SECURITY ACCESS CONTROL				
DOOR ALARM	DOOR FRAME		H WHERE CONFLICTS ARE FOUND BETWEEN DRAWINGS, SPECIFICATIONS, OR DOCUMENTS, THE CONTRACTOR SHALL FOLLOW THE ARCHITECT OF DISCREPANCY IN WRITING.	
DOOR POSITION SWITCH	DOOR FRAME		I DEVIATION FROM SPECIFICATIONS OR PLANS REQUIRES NO LATER THAN TEN DAYS PRIOR TO THE BID DATE.	
MAGNETIC (LOCKS)	AB/ DOOR		J OBSERVE ALL APPLICABLE CODES, RULES AND REGULATIONS OF THE STATE, FEDERAL, MUNICIPALITY, UTILITY COMPANY, OSHA, AND ALL OTHER APPLICABLE CODES, RULES AND REGULATIONS.	
ELECTRIC LOCKSET	AT LATCH		K MOUNTING HEIGHTS FOR WALL MOUNTED DEVICES INDICATED ON THE DRAWINGS. DEVICES ARE TO BE BOTTOM OF THE DEVICE UNLESS OTHERWISE SPECIFIED.	
DOOR DELAYED EGRESS/ELECTRIFIED PANIC MECHANISM	AB/ DOOR		L INSTALL EQUIPMENT, MATERIALS, ETC. IN STRICT ACCORDANCE WITH THE DESIGN INDICATED IN CONTRACT DOCUMENTS. THE CONTRACTOR SHALL NOT RECESS PANEL BOARD TUBS OR OTHER FLUSH-MOUNTED DEVICES INTO WALLS OR CEILING.	
ELECTRIC STRIKE	AT LATCH		M THE PURPOSE AND INTENT OF ALL OF THE DOCUMENTS IS TO PROVIDE A SYSTEM THAT SHALL BE ACCEPTABLE.	
AUTOMATIC DOOR CONNECTION (MAY ALSO HAVE ELECTRIC STRIKE/MAG. LOCK/ELECTRIFIED PANIC MECHANISM - SEE ARCHITECTURAL HANGING SPECIFICATIONS)	CLG		N ALL SYSTEMS, EQUIPMENT AND MATERIALS ARE TO BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND THE ENGINEER.	
DOOR RELEASE PUSH/PULL / INFRARED OPERATOR STATION. PROVIDE ANY ADDITIONAL INFORMATION FOR "EMERGENCY RELEASE" OPERATOR STATIONS AS REQUIRED.	4'-0"		P ALL WORK, MATERIALS, EQUIPMENT, ETC. SHALL BE FULLY COMPLETED AS DOCUMENTED BY THE ENGINEER.	
DOOR RELEASE KEY/SWITCH STATION	5'-0"		Q UNLESS OTHERWISE SPECIFIED OR INDICATED, ALL WORKING EXTERIOR SHALL BE PRIMED AND FINISHED SO TO MATCH EXISTING SURFACES.	
DOOR RELEASE KEYPAD STATION	4'-0"		R WHERE PENETRATING ROOFING MEMBRANES OR OTHER MATERIALS ARE REQUIRED, THE CONTRACTOR SHALL PROVIDE A WAY THAT WILL NOT VOID OR DIMINISH THE ROOFING MANUFACTURER AND ARCHITECT.	
DOOR RELEASE PROXIMITY RELEASE STATION. PROVIDE ANY ADDITIONAL INFORMATION FOR "EMERGENCY RELEASE" OPERATOR STATIONS AS REQUIRED.	4'-0"		S THE CONTRACTOR IS RESPONSIBLE FOR ALL UTILITY COORDINATION. THE CONTRACTOR SHALL REQUIRE TO COMPLY WITH THE CITY OF DENVER, COLORADO, AND ALL OTHER APPLICABLE CODES, RULES AND REGULATIONS.	
SAME AS "P" EXCEPT MULLION MOUNT	4'-0"		T COORDINATE WITH ARCHITECTURAL FLOOR PLANS, ELEVATIONS, ELECTRICAL DEVICES, ETC.	
MOTION SENSOR DOOR CONTROL	CLG		U CEILING-MOUNTED ELECTRICAL DEVICES SHALL BE CENTERED ON CENTERLINE OR A QUARTER POINT ON 4" DIMENSION.	
PUSH-TO-TEXT BUTTON	4'-0"		V ANY VIBRATING, OSCILLATING OR OTHER NOISE OR MOTION THAT MAY BE CAUSED BY THE INSTALLATION OF THE CONTRACTOR'S EQUIPMENT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.	
REMOTE DOOR RELEASE PUSH-BUTTON	6'-0"		W CHECK ALL THREE PHASE MOTORS WITH A PHASE ROTARY SWITCH. PROVIDE DETAILED SHOP DRAWINGS TO ENGINEER PRIOR TO INSTALLATION. CAPACITIES: FIT FINISH ETC. FOR ALL DEVICES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PURCHASER OF THAT EQUIPMENT. ANY PROVISIONS REQUIRED BY THE CONTRACTOR SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.	
RECESSED JUNCTION BOX	SEE DRAWINGS		Z THE CONSTRUCTION MANAGER SHALL BE RESPONSIBLE FOR THE COORDINATION, APPEARANCE, SELECTION, INSTALLATION, ETC. POOR OR UNTIMELY WORK ON THE PART OF THE CONTRACTOR.	
ACCESS CONTROL HEADEND	5'-0"			
SECURITY CCTV VIDEO SURVEILLANCE				
CCTV CAMERA, CEILING MOUNT (TEXT INDICATES TYPE) REFER TO SCHEDULE FOR TYPES	CLG		AA WHERE MOUNTING HEIGHTS ARE NOT INDICATED OR AFFECTING INSTALLATION, REFER ALSO TO ARCHITECT FOR THESE DOCUMENTS, AS APPLICABLE.	
CCTV CAMERA, WALL MOUNT (TEXT INDICATES TYPE) REFER TO SCHEDULE FOR TYPES	WALL		AB WHERE FIRE-RIO ROOFING MEMBRANES ARE NOTED, PROVIDE LUMINAIRES, CEILING DEVICES, ETC. IN OR ON CEILING.	
EXTERIOR CAMERA RATED FOR CONDITIONS, WET LOCATED OUTSIDE, WITH AUXILIARY HEATER	WP		AC COORDINATE THE LOCATION OF DRAINS, ELECTRICAL OR OTHER EQUIPMENT, ETC. PRIOR TO COMMENCING INSTALLATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EXPENSE OF THE RESPONSIBLE CONTRACTOR.	
INDUSTRIAL CAMERA WITH PAN/TILT/DOOM FUNCTION	PTZ		AD ALL ELECTRICAL COMPONENTS OR EQUIPMENT SHALL BE LISTED, APPROVED, APPROVAL AND LABELING OF INDIVIDUALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.	
CCTV HEAD END	SEE DRAWINGS		AE ALL WIRING SYSTEMS SHALL BE INSTALLED WITH A MINIMUM OF 18" CLEARANCE FROM TERMINAL POINTS.	
MOTION DETECTOR (WALL OR CEILING MOUNT)	CLG		AF NO CONDUIT, SUPPORTS, ETC. SHALL BE RUN THROUGH WALLS OR CEILING PRIOR TO CONSTRUCTION.	
GLASS BREAK SENSOR (WALL OR CEILING MOUNT)	CLG		AG ALL CONTRACTORS SHALL EXERCISE EXTREME CARE IN EXISTING SERVICE OR SUB-SERVICE FOR SAFETY PURPOSES. ELECTRICAL LINES, VENTILATION, SIZES, ETC. SHALL BE IN ACCORDANCE WITH ALL FEDERAL, STATE AND/OR LOCAL CODES, RULES AND REGULATIONS.	
LOCAL SOUNDER	SEE DRAWINGS		AH ALL SUPPORTS FOR EQUIPMENT, DEVICES OR FIXTURES SHALL BE PROVIDED BY THE CONTRACTOR OR SUPPLIER WITHOUT WRITING.	
INTRUSION DETECTION KEYPAD CONTROLLER	4'-0"		AI WHERE INTERRUPTING AN EXISTING UTILITY OR SERVICE, THE CONTRACTOR SHALL BE RESPONSIBLE TO RESTORE SAME, PROVIDED AS NECESSARY.	
SYSTEM HEAD END	5'-0"		AJ REFER TO ARCHITECTURAL WALL ELEVATIONS (WHERE IN DOUBT, CONTACT ENGINEER FOR DIRECTION) PRIOR TO INSTALLATION OF PEDESTAL TYPE FLOOR OUTLETS/BOXES, AS UNLESS OTHERWISE SHOWN ON PLANS, IF IN DOUBT, CONTACT THE ARCHITECT.	
DATA / VOICE				
DATA OUTLET - NUMBER BESIDE OUTLET INDICATES NUMBER OF DATA JACKS. NO NUMBER INDICATES 1 JACK.	1'-6"			
VOICE OUTLET - NUMBER BESIDE OUTLET INDICATES NUMBER OF VOICE JACKS. NO NUMBER INDICATES 1 JACK.	1'-6"			
COMBINATION OUTLET - NUMBER BESIDE OUTLET INDICATES NUMBER OF DATA/VOICE JACKS	1'-6"			
SLASH THROUGH ANY DEVICE INDICATES MOUNTING ABOVE OUTLET 4" ABOVE BACKPLASH				
OUTLET (VOICE ONLY) - PAYPHONE TYPE	AS REQD.			
DATA RACK, FOUR POST, REFER TO COMMUNICATIONS RISERS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.				
DATA RACK, FOUR POST, REFER TO COMMUNICATIONS RISERS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.				
TELECOMMUNICATIONS SYSTEM BACKBOARD: PROVIDE 96" X 34" FIRE-RETARDANT PLYWOOD BACKBOARD WITH TWO (2) COATS OF FIRE-RETARDANT, FIRE-RETARDANT LIGHT GRAY PAINT. 800 TO GROUND BAR AT MAIN SERVICE SWITCHBOARD, 30-PT GROUND BAR & 4" AWG PIGTAIL AT BACKBOARD, INSET GROUND BAR AT 2" AFF. (LENGTH OF BARS AS INDICATED ON FLOOR PLAN)				
WIRELESS ACCESS POINT OUTLET WITH PROVISION FOR 2 DATA OUTLET FOR ANTENNA, PROVIDE A COMPLETE DATA OUTLET WITH MINIMUM 4" ABOVE CEILING, MOUNTED AT AN ACCESSIBLE HEIGHT NO MORE THAN 4" ABOVE CEILING, AT EACH OUTLET, PROVIDE A 20' CLO. OF CABLE ABOVE EACH OUTLET FOR ADJUSTMENT OF ANTENNA OUTLET LOCATION. THE CONTRACTOR SHALL COORDINATE EXACT LOCATIONS WITH THE OWNER AND ADJUST OUTLET LOCATIONS AT SUBSTANTIAL COMPLIANCE TO ACCOMMODATE OWNER'S WALL LOCATIONS.	CEILING			
	WALL			

## ELECTRICAL GENERAL NOTES

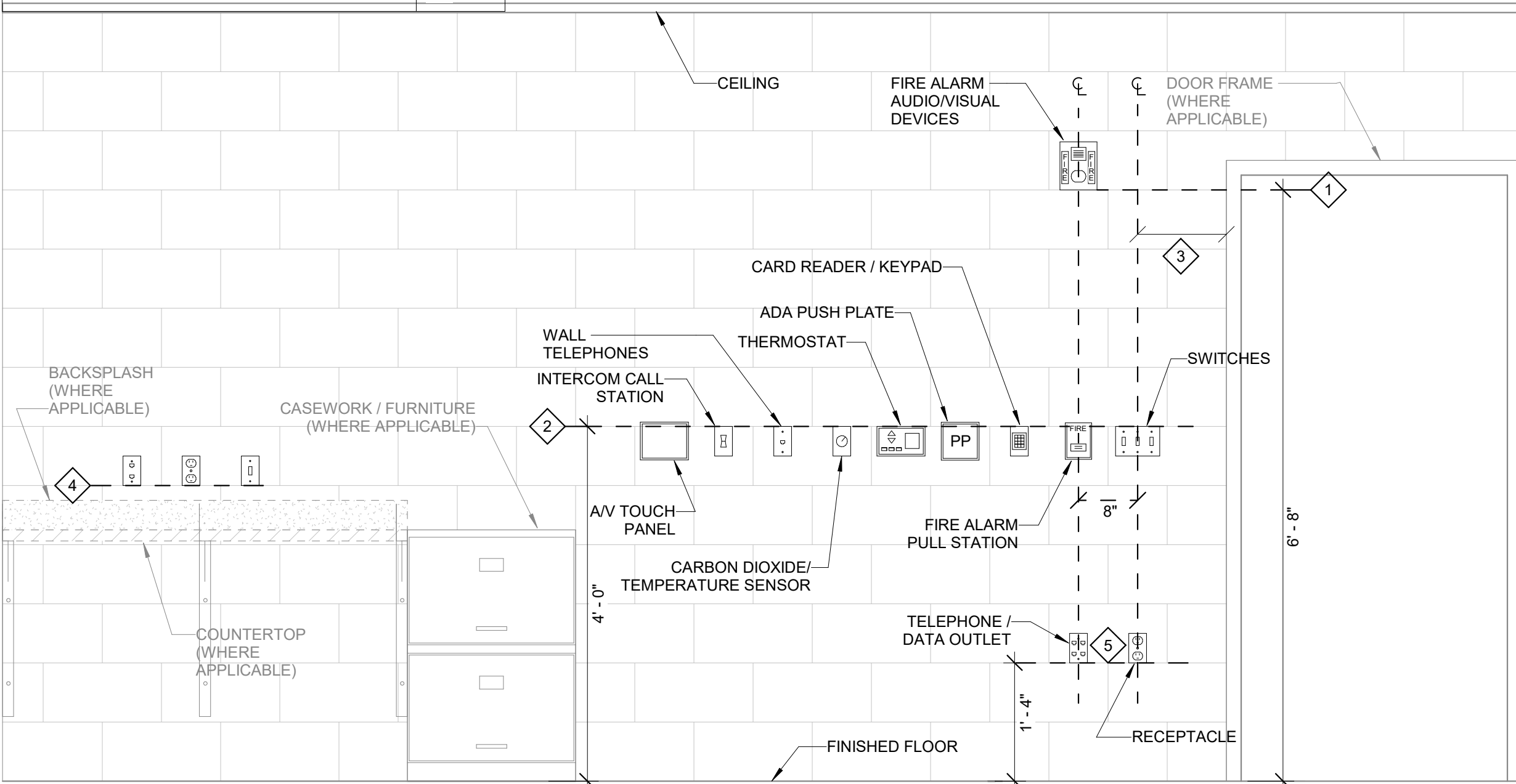
- each CONTRACTOR, PROPOSER, SUPPLIER AND/OR MANUFACTURER SHALL REFER TO ALL DOCUMENTS PERTAINING TO THIS PROJECT AND COORDINATE ACCORDINGLY SO AS TO ENSURE ADEQUACY OF FIT, COMPLIANCE WITH SPECIFICATIONS, PROPER VOLTAGE AND CURRENT CAPACITY, AND PROPER THERMAL CONDUCTIVITY. VERIFY GAGE WITH SHOP DRAWINGS.
- ADDITIONAL ELECTRICAL REQUIREMENTS MAY BE SHOWN ON PLANS FROM OTHER DISCIPLINES IN THIS SET. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL PLANS AND SPECIFICATIONS FOR A COMPLETE UNDERSTANDING OF THE PROJECT REQUIREMENTS.
- WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF ALL LOCAL, STATE, AND NATIONAL CODES. INCLUDING BUT NOT LIMITED TO NFPA 70, NATIONAL ELECTRICAL CODE, AND ALL OTHER APPLICABLE CODES, RULES AND REGULATIONS.
- CONTRACTOR SHALL FOLLOW SEISMIC RESTRAINT AND DESIGN REQUIREMENTS CONTAINED IN LATEST ADOPTED STATE AND INTERNATIONAL BUILDING CODES, WITH ALL AMENDMENTS AS ADOPTED BY THE CURRENT LEGISLATION. REFER TO ELECTRICAL AND STRUCTURAL REQUIREMENTS FOR NATIONAL AND INTERNATIONAL BUILDING CODES.
- ALL OFFSETS, TURNS, FITTINGS, TRIM, DETAIL, ETC. MAY NOT BE INDICATED, BUT SHALL BE PROVIDED AS REQUIRED. ADDITIONAL ALLOWANCES SHALL BE INCLUDED FOR SAME AT EACH PROPOSER'S DISCRETION.
- INSTALL NO PIPING, CONDUIT, DUCTWORK, ETC. IN A LOCATION OR IN A MANNER WHICH WILL ALLOW FREEZING OR THE COLLECTION OF CONDENSATE THEREON, OR IN DOUBT, CONTACT THE ENGINEER.
- ADVISE THE ENGINEER OF ANY CONFLICTS, ERRORS, OMISSIONS, ETC. AT LEAST TEN DAYS PRIOR TO BID DATE, TO ALLOW CLARIFICATION BY WRITTEN ADDENDUM.
- WHERE CONFLICTS ARE FOUND BETWEEN DRAWINGS, DETAILS, OR SPECIFICATIONS, THE MORE STRINGENT REQUIREMENT SHALL APPLY. NOTIFY ARCHITECT OF DISCREPANCY IN WRITING.
- DEVIATION FROM SPECIFICATIONS OR PLANS REQUIRES PRIOR WRITTEN APPROVAL FROM THE ENGINEERS AND MUST BE SUBMITTED IN WRITING NO LATER THAN TEN DAYS PRIOR TO THE BID DATE.
- OBSERVE ALL APPLICABLE CODES, RULES AND REGULATIONS THAT MAY APPLY TO THE WORK UNDER THIS CONTRACT. (CITY, COUNTY, LOCAL, STATE, FEDERAL, MUNICIPALITY, UTILITY, ETC.).
- CEILING HEIGHTS FOR WALL MOUNTED DEVICES INDICATED ABOVE FINISHED FLOOR ARE TO CENTER OF DEVICE UON. MOUNTING HEIGHTS FOR CEILING SUSPENDED DEVICES ARE TO BOTTOM OF DEVICE UON.
- INSTALL EQUIPMENT, MATERIALS, ETC. IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND DIRECTIONS. IF IN CONFLICT WITH THE CONTRACT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE ENGINEER PRIOR TO INSTALLATION FOR CLARIFICATION.
- DO NOT RECESS PANELBOARD TUBS OR OTHER FLUSH-MOUNTED EQUIPMENT IN WALLS THAT HAVE A FIRE RATING. NO INSTALLATION SHALL DIMINISH OR VULNER FIRE RESISTIVE RATINGS IN ANYWAY.
- THE FOLLOWING ARE THE MINIMUM STANDARDS TO BE MET TO PROVIDE COMPLETE, FUNCTIONAL, SAFE, LIKE-NEW FACILITY. ANYTHING LESS SHALL BE UNACCEPTABLE.
- ALL SYSTEMS, EQUIPMENT AND MATERIALS ARE TO BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER. WORK NOT MEETING THIS CRITERION SHALL BE REMOVED AND REINSTALLED SATISFACTORILY. FINAL DETERMINATION OF THE ACCEPTABILITY OF THE QUALITY OF WORK RESIDES WITH THE ENGINEER.
- ALL WORK, MATERIALS, EQUIPMENT, ETC. SHALL BE FULLY GUARANTEED FOR ONE FULL CALENDAR YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION AS DOCUMENTED BY THE ENGINEER. UNLESS LONGER WARRANTY PERIODS FOR EQUIPMENT ARE SPECIFIED.
- UNLESS OTHERWISE SPECIFIED OR INDICATED, ALL EQUIPMENT AND MATERIALS WITHIN OCCUPIED SPACES OR EXPOSED TO VIEW ON THE EXTERIOR SHALL BE PRIMED, ETC. IN OR ON CEILING, AS REQUIRED. ADJUST RATING RINGS.
- WHERE PENETRATING ROOFING MEMBRANE OR OTHER MATERIALS USED FOR WEATHERPROOFING THE BUILDING, MAKE SUCH PENETRATION IN A MANNER THAT WILL NOT VOID OR DIMINISH THE ROOFING WARRANTY OR INTEGRITY IN ANYWAY. COORDINATE ALL SUCH PENETRATIONS WITH THE ROOFING MANUFACTURER AND ARCHITECT.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL UTILITY COMPANY FEES, CASH CONTRIBUTIONS OR OTHER COSTS THAT THE UTILITY COMPANY MAY AROUSE FOR THEIR WORK, ELECTRIC, TELEPHONE, TELEVISION, DATA, ETC.).
- COORDINATE WITH ARCHITECTURAL FLOOR PLANS, ELEVATIONS, AND CASHWORK DETAILS FOR LOCATION OF ADDITIONAL RECEPTACLES, UTILITY OUTLETS, ELECTRICAL DEVICES, ETC.
- CEILING-MOUNTED ELECTRICAL DEVICES SHALL BE CENTERED IN 2X2" CEILING TILE AND INSTALLED CENTERED ON 2" DIMENSION OF 2X4" TILE AND CENTERED ON 4" OR QUARTER POINT.
- ANY VIBRATING, OSCILLATING OR OTHER NOISE OR MOTION PRODUCING EQUIPMENT SHALL BE ISOLATED FROM SURROUNDING SYSTEMS IN AN APPROVED MANNER. NOISY OR STRUCTURALLY DAMAGING INSTALLATIONS SHALL BE SATISFACTORILY REPLACED OR REPAIRED AT THE INSTALLING CONTRACTORS' EXPENSE. THE FINAL DECISION ON THE SUITABILITY OF A PARTICULAR INSTALLATIONS ACCEPTABILITY SHALL BE THE RESPONSIBILITY OF THE ENGINEER.
- CHECK ALL THREE PHASE MOTORS WITH A PHASE ROTATION METER, PRIOR TO PLACING IN SERVICE.
- PROVIDE DETAILED SHOP DRAWINGS TO ENGINEER PRIOR TO PURCHASING OR INSTALLING ANY EQUIPMENT.
- DEVIATIONS IN SIZES, CAPACITIES, FIT, FINISH, ETC. FOR EQUIPMENT FROM THAT PRIME SPECIFIED SHALL BE THE RESPONSIBILITY OF THE PURCHASER OF THAT EQUIPMENT. THE CONTRACTOR SHALL BE RESPONSIBLE TO ACCOMMODATE A DEVIATION, WHETHER APPROVED BY THE ENGINEER OR NOT, SHALL BE THE RESPONSIBILITY OF THE PURCHASER.
- THE CONSTRUCTION MANAGER, GENERAL CONTRACTOR, OR WHOMEVER HOLDS THE PRIME CONTRACT(S) FOR THIS CONSTRUCTION IS RESPONSIBLE FOR THE SELECTION OF THE CONTRACTORS AND THE SELECTION OF THE TRADES, CONTRACTORS, SUPPLIERS, INSTALLERS, ETC. POOR OR UNTIMELY WORK ON THE PART OF ANY SUBCONTRACTOR SHALL BE RESOLVED BY THE PARTY WHO ENGAGED THEM ON THIS PROJECT.
- WHERE MOUNTING HEIGHTS ARE NOT INDICATED OR ARE IN CONFLICT WITH ANY OTHER BUILDING SYSTEM, CONTACT THE ENGINEER BEFORE ANY WORK IS DONE. REFER ALSO TO ARCHITECTURAL INTERIOR AND EXTERIOR ELEVATIONS, CEILING HEIGHTS AND OTHER DETAILS OF THESE DOCUMENTS, AS APPLICABLE.
- WHERE FIRE-RATED CEILING ASSEMBLIES ARE NOTED, PROVIDE UL-LISTED FIRE-RATED GYPSUM BOARD OR PRE-MANUFACTURED ENCLOSURES. PROVIDE FIRE-RATED CEILING DEVICES, IF IN DOUBT, CONTACT THE ENGINEER PRIOR TO ROUGHING IN ANY WORK.
- COORDINATE THE LOCATION OF DRAINS, ELECTRICAL OUTLETS, GAS OUTLETS, ETC. WITH ALL KITCHENAPPROX, KITCHEN EQUIPMENT, MECHANICAL ROOM EQUIPMENT, ETC. PRIOR TO COMMENCING INSTALLATION. WORK NOT SO COORDINATED SHALL BE REMOVED AND PROPERLY INSTALLED AT THE CONTRACTOR'S EXPENSE (IF NECESSARY, CONTACT CONTRACTOR).
- ALL ELECTRICAL COMPONENTS OR EQUIPMENT SHALL BE LISTED AND LABELED BY UNDERWRITER'S LABORATORIES OR OTHER APPROVED LISTING AGENCY. APPROVAL AND LABELING OF INDIVIDUAL COMPONENTS ON AN ASSEMBLY IS NOT ACCEPTABLE AS MEETING THIS REQUIREMENT. UNLESS WAIVED BY THE ENGINEER IN WRITING.
- WHERE THE WIRE IS INSTALLED WITH A MINIMUM OF SPLICES. CONDUCTORS, WHETHER SINGLE OR MULTI-PAIR, SHALL BE INSTALLED CONTINUOUS INsofar AS POSSIBLE FROM TERMINAL POINT TO TERMINAL POINT.
- NO CONDUIT, SPOUTS, ETC. SHALL BE RUN THROUGH ACCESS CLEARANCES OF EQUIPMENT BY OTHER TRADES (I.E. VAV BOXES). COORDINATE WITH ALL TRADES PRIOR TO CONSTRUCTION.
- WHERE THE CONTRACTOR HAS BEEN ADVISED TO TAKE CARE IN THE COURSE OF THEIR WORK SO AS TO ENSURE THAT THEY DO NOT INTERRUPT ANY EXISTING SERVICE OR SUB-SERVICE FOR SAFETY PURPOSES, PAY PARTICULAR ATTENTION TO THIS PRECAUTION RELATIVE TO NATURAL GAS AND ELECTRICAL LINES. VERIFY THE LOCATION, SIZE, TYPE, ETC. OF EACH UNDERGROUND OR OVERHEAD UTILITY. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE AND ALL OTHER APPLICABLE CODES AND CITY REQUIREMENTS. UTILITIES SHALL BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE MUNICIPALITY OR UTILITY COMPANY STANDARDS. IN ALL CASES, THE MOST STRINGENT REQUIREMENT SHALL APPLY.
- ALL SUPPORTS FOR EQUIPMENT, DEVICES OR FIXTURES SHALL BE UNIQUE, DIRECTLY FROM THE BUILDING STRUCTURE. DO NOT SUPPORT WORK FROM OTHER EXISTING EQUIPMENT OR SUPPORTS WITHOUT WRITTEN PERMISSION FROM THE ENGINEER AND CONSENT OF THE OTHER TRADE, IN WRITING.
- IF DURING INTERRUPTING AN EXISTING UTILITY OR SERVICE DELIBERATELY OR ACCIDENTALLY, THE RESPONSIBLE CONTRACTOR SHALL WORK TO REPAIR OR REPLACE THE UTILITY OR SERVICE AS SOON AS POSSIBLE. IF IN DOUBT, CONTACT THE ENGINEER PRIOR TO ROUGHING IN ANY WORK.
- REFER TO ARCHITECTURAL WALL ELEVATIONS (WHERE GIVEN) FOR HEIGHTS AND MOUNTING RELATIONSHIP OF OUTLETS AND EQUIPMENT. IF IN DOUBT, CONTACT ENGINEER FOR DIRECTION PRIOR TO ROUGH IN.
- FLUSH OR PEDESTAL TYPE FLOOR OUTLETS/BOXES, AS INDICATED ON PLAN, SHALL BE LOCATED BY DIMENSIONS PROVIDED BY THE ARCHITECT, UNLESS OTHERWISE SHOWN ON PLAN. IF IN DOUBT, CONTACT THE ENGINEER PRIOR TO ROUGHING IN ANY WORK.
- AS APPLICABLE, REFER TO ARCHITECTURAL PHASING PLANS AND PHASING BOUNDARIES ON THESE DRAWINGS FOR SEQUENCING OF WORK. FULL EXTENT OF AREAS INVOLVED, EXTENT OF CEILING WORK, ETC. PROVIDE TEMPORARY CONNECTIONS FOR CIRCUITS AND WORK AS REQUIRED TO MAINTAIN THE EXISTING SYSTEMS.
- THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING REQUIRED FOR HIS WORK. ALL CUTTING AND PATCHING SHALL BE IN ACCORDANCE WITH THE ARCHITECT'S STANDARDS FOR SUCH WORK.
- ALL WORK SHALL BE CONCEALED UNLESS SPECIFICALLY INDICATED TO BE EXPOSED, OR REQUIRED TO BE EXPOSED. IF IN DOUBT, CONTACT THE ENGINEER FOR CLARIFICATION PRIOR TO CONSTRUCTION.
- INTERRUPTION OF ANY EXISTING SERVICES SHALL BE COORDINATED WITH THE OWNER, GENERAL CONTRACTOR, UTILITY COMPANY AS NECESSARY, AND THE ARCHITECT, AT LEAST TWO WEEKS IN ADVANCE OF ANTICIPATED INTERRUPTION. A SCHEDULE FOR THESE OUTAGES SHALL BE SUBMITTED TO THE OWNER AND ARCHITECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REQUIREMENTS OF LOCAL, STATE AND NATIONAL CODES. THE REQUIREMENTS OF ALL APPLICABLE AGENCIES OR DEPARTMENTS HAVING JURISDICTION. IF ANY CONFLICTS OR DISCREPANCIES OCCUR THE MOST STRINGENT SHALL APPLY.
- DO NOT SCALE, CUT, OR DRAWINGS, AS PRINTING DISTORTS SCALE. WORK SHALL BE LAID OUT FROM DIMENSIONED DRAWINGS, OR DIMENSIONS SUPPLIED TO THE CONTRACTOR.
- NOISY WORK, WORK OUTSIDE CONSTRUCTION BARRIERS, WORK IN OCCUPIED AREAS, ETC. SHALL BE PERFORMED AFTER HOURS OR ON WEEKENDS. COORDINATE EXACT SCHEDULING WITH FACILITY PRIOR TO CONSTRUCTION.
- ALL KEYING SHALL MATCH THE OWNER'S EXISTING KEY-WAYS. COORDINATE EXACT REQUIREMENTS WITH OWNER PRIOR TO CONSTRUCTION.
- REFER TO ARCHITECTURAL PLANS FOR PHASING REQUIREMENTS. WORK SHALL BE COMPLETED IN PHASES PER THE PHASING PLAN AND AS REQUIRED BY THE NATIONAL ELECTRICAL CODE AND ALL OTHER APPLICABLE CODES AND CITY REQUIREMENTS. CERTIFICATIONS, ETC. AND ALL TEMPORARY SERVICES AS REQUIRED BY OWNER TO ACCOMPLISH THE PHASING PLAN.

DEVICE MOUNTING DETAIL - GENERAL NOTES:

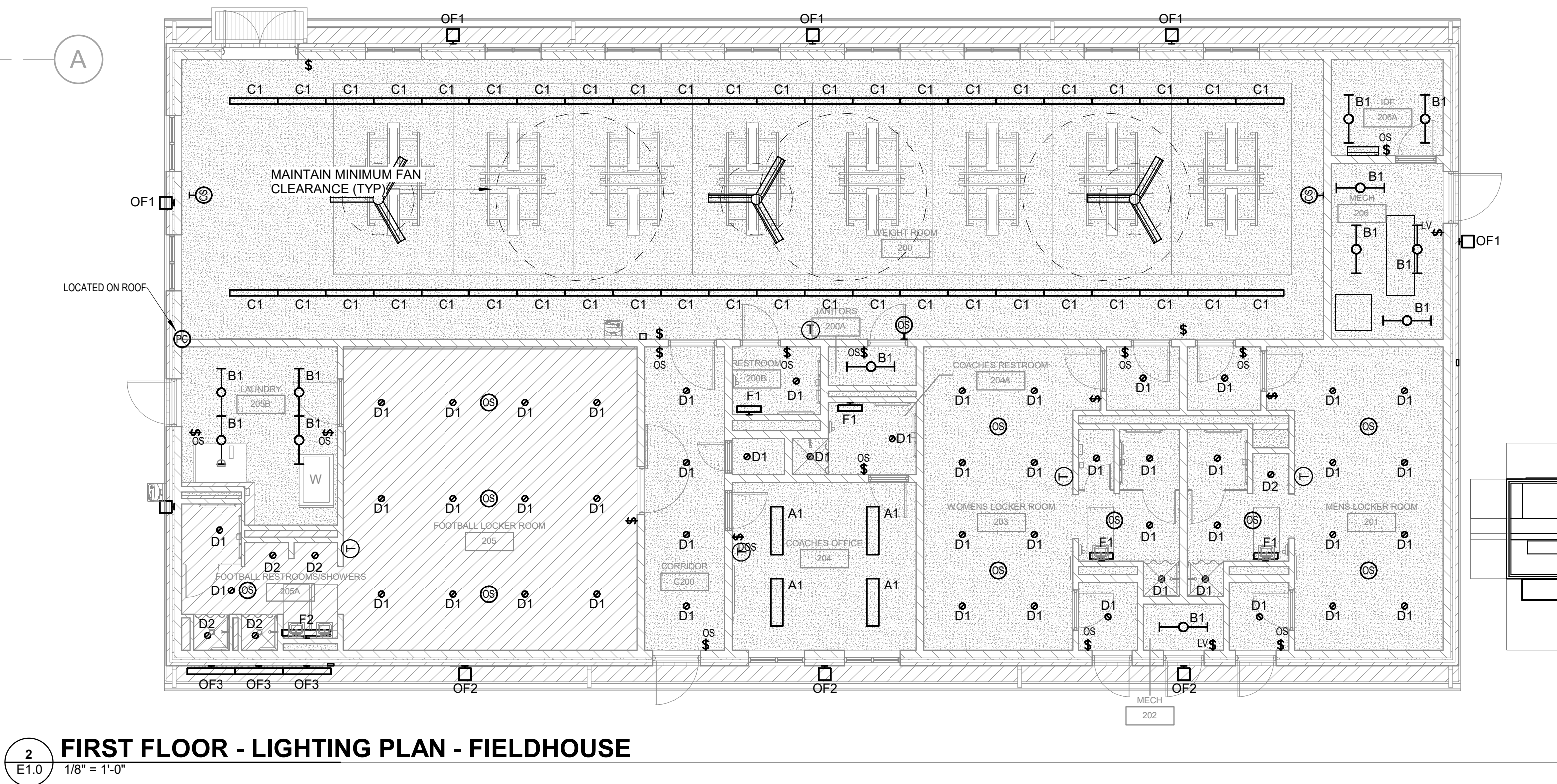
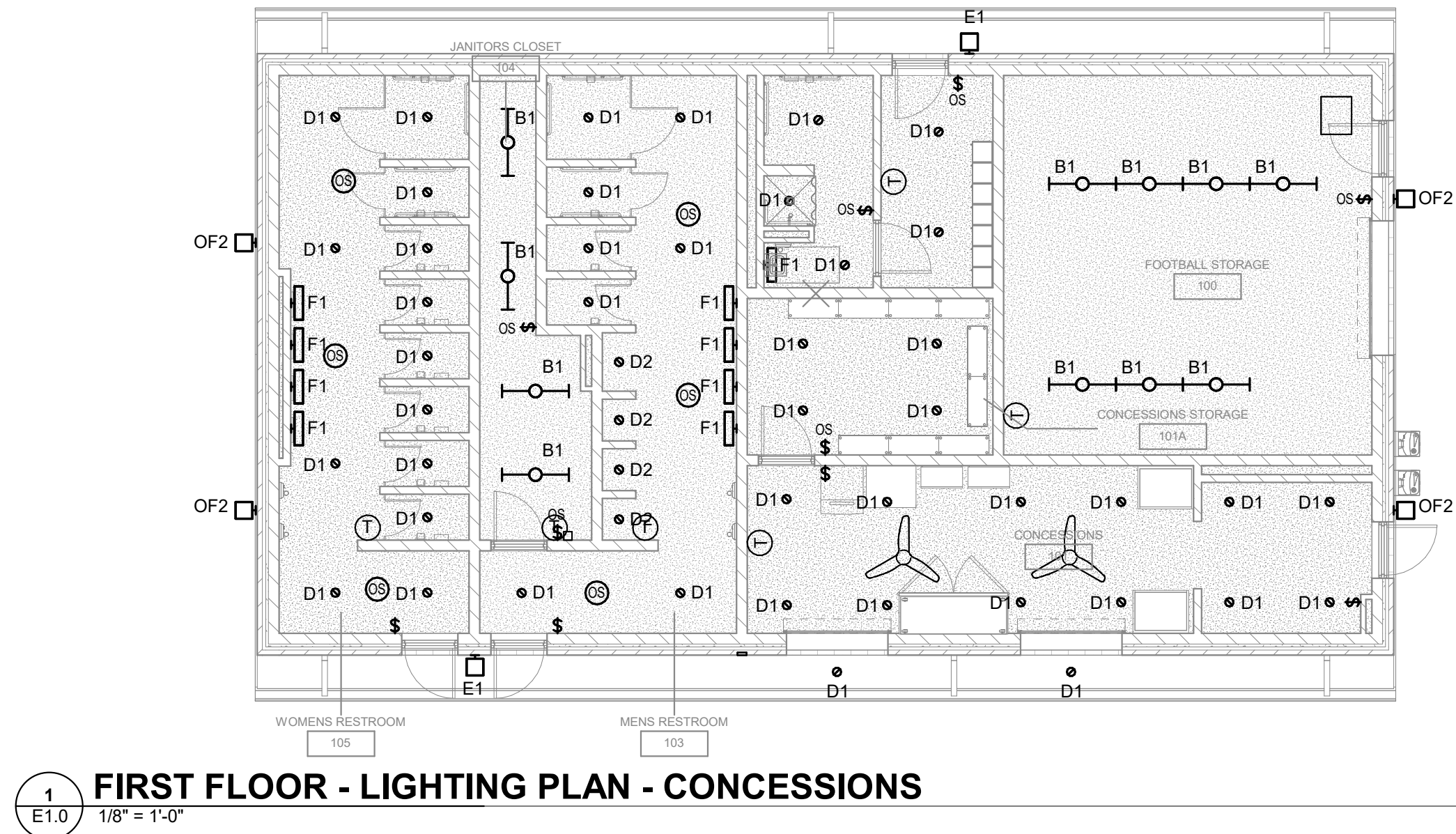
- A. THIS DETAIL IS INTENDED AS A GENERAL GUIDELINE. SPECIFIC ELEVATIONS SHOWN ON ARCHITECTURAL ELEVATIONS TAKE PRECEDENCE.
- B. WHERE DEVICES OF ANY DISCIPLINE ARE LOCATED IN THE SAME GENERAL AREA (ELECTRICAL AND AREA LIGHTS), THEY SHOULD BE MOUNTED AT A SIMILAR HEIGHT, ALIGN HORIZONTALLY ALONG TOP OF DEVICE BACKBOX (AS SHOWN IN DETAIL AND DESCRIBED IN KEY NOTE #2).
- C. WHERE DEVICES OF ANY DISCIPLINE ARE LOCATED IN THE SAME GENERAL AREA (ELECTRICAL AND AREA LIGHTS), THEY SHOULD BE MOUNTED AT DIFFERENT HEIGHTS, ALIGN VERTICALLY ALONG THE CENTERLINE OF THE DEVICE BACKBOX (AS SHOWN IN DETAIL).
- D. FOR ANY WALL, OTHER THAN PAINTED GYPSUM BOARD OR CMU, DEVICE LOCATIONS MUST BE FIELD APPROVED BY ENGINEER OR ARCHITECT PRIOR TO INSTALLATION OF FINISHES.

DEVICE MOUNTING DETAIL - KEY NOTES:

1. MOUNT VENTILATION APPLIANCES SO THAT ENTIRE LENS IS BETWEEN 80" AND 98" AFF. IF CEILING IS TOO LOW FOR DEVICE TO BE MOUNTED ABOVE 80" TO TOP OF THE LENS IS WITHIN 6" OF FINISHED CEILING.
2. PROVIDE 2" MIN. CLEARANCE TO THE OUTLET. LOCATED MEASURE TO THE TOP OF THE BOX/BOX FOR STANDARD OUTLET BOXES. NON-STANDARD BOX/BOXES ARE TO BE INSTALLED SUCH THAT THE FINISHED DEVICES ARE TO BE 2" MIN. CLEARANCE TO THE OUTLET.
3. MOUNTING HEIGHTS SHOWN ILLUSTRATE DESIGN INTENT AND ARE TO BE FOLLOWED UNLESS CONTRADICTED BY APPLICABLE CODE. WHERE DEVICES ARE NOT SHOWN, THE CONTRACTOR SHALL ADJUST THE HEIGHT OF THE DEVICES TO AVOID SLUSHED SECTIONS OR BRACING. SPECIFIC DEVICES ARE SHOWN IN RELATIVE ORDER FROM DOOR FRAME, WHERE INDICATED DEVICES ARE NOT SHOWN AT A PARTICULAR LOCATION, ADJUST LOCATION OF INSTALLED DEVICES CLOSER TO DOOR.
4. THE CONTRACTOR IS TO COORDINATE ALL ROUGH-INS WITH ANY ELECTRICAL, PLUMBING, AND MECHANICAL WORK. PROVIDE 18" MIN. BOXES IN THE NEXT FULL BLOCK ABOVE THE BACKSLASH AS SHOWN. FOR NON-BLOCK WALLS ALIGN BOTTOM OF DEVICE BOXES 4" ABOVE BACKSLASH.
5. PROVIDE 18" MIN. CLEARANCE TO THE OUTLET. LOCATED MEASURE TO THE TOP OF THE BOX/BOX FOR STANDARD OUTLET BOXES. NON-STANDARD BOX/BOXES ARE TO BE INSTALLED SUCH THAT THE FINISHED DEVICES ARE TO BE 2" MIN. CLEARANCE TO THE OUTLET. MAXIMUM ELEVATION IS TO BE 44" AFF PER ADAAG REQUIREMENTS. IF CONFLICT STILL ARISES CONTACT THE ENGINEER FOR DIRECTION ON HOW TO PROCEED.
6. PROVIDE GENERATOR FOR POWER AND DATA OUTLETS SERVING THE SAME WORKPLACE TO BE 16".



1 TYPICAL WALL DEVICE MOUNTING DETAIL  
SCALE: NONE

[illegible]

## ELECTRICAL LIGHTING NOTES

- REFER TO THE ARCHITECT'S REFLECTED CEILING PLAN, ELEVATIONS, AND CASEWORK DETAILS FOR LOCATIONS, HEIGHTS, AND CEILING MOUNTED ELECTRICAL DEVICES.
- B** CONTRACTOR SHALL FOLLOW BRANCH CIRCUITING REQUIREMENTS INDICATED ON DRAWINGS WITH A MAXIMUM OF THREE (3) BRANCH CIRCUITS PER ROOM. EACH BRANCH CIRCUIT SHALL BE IDENTIFIED BY A NUMBERED IDENTIFICATION TAG. DEDICATED NEUTRAL CONDUCTORS SHALL BE CONSIDERED CURRENT CARRYING. IF ADDITIONAL CONDUCTORS ARE REQUIRED TO BE RUN WITH THOSE INDICATED, CONTRACTOR SHALL DERATE ALL CURRENT CARRYING CONDUCTORS PER N.E.C. ARTICLE 310.15(B) AND 310.15(C). INSULATED PER N.E.C. 800.17 AND ANNEX C. MULTIWIRE BRANCH CIRCUITS AS DEFINED IN N.E.C. 90.10 / 210.4 (CIRCUITS WITH MULTIPLE NEUTRAL CONDUCTOR) SHALL NOT BE PERMITTED.
- C** IDENTIFY THE PANEL AND CIRCUIT NUMBER FOR ALL RECEPTACLES, SWITCHES, ETC. IN AREA OF CONSTRUCTION. PROVIDE IDENTIFICATION LABELS WITH BLACK LETTERING, IN HEALTHCARE FACILITIES, ENGRAVE EMERGENCY DEVICE COPIERATES IN MATERIALS STORAGE AREA. IDENTIFY ALL SERVICE BOXES WITH PANEL AND CIRCUIT NUMBER.
- D** LOCATE CHAIN-HUNG INDUSTRIAL FIXTURES IN MECHANICAL ROOMS TO AVOID DUCTWORK AND MINIMIZE AVAILABLE LIGHT SPOT. AVOID EQUIPMENT, AIR HANDLERS, ETC. TO PROVIDE ADEQUATE LIGHTING TO ALL AREAS OF WORK. PROVIDE IDENTIFICATION TAG SAME TYPE AS NEEDED TO FILL THIS REQUIREMENT.
- E** LOCATE EIGHT SIGNALS FOR MAXIMUM VIEWING AREA TO IDENTIFY ACCESSIBLE LOCATIONS AND COORDINATE LOCATIONS SUCH THAT ARCHITECTURE FEATURES OR EQUIPMENT FROM OTHER TRADES DO NOT OBSCURE SIGNALS.
- F** LUMINAIRES IMPOSED WITH MULTI-LEVEL SWITCHING SHALL HAVE SIMILAR LAMPS CONTROLLED TOGETHER IN, INBOARD AND OUTBOARD LAMPS OR RIGHT AND LEFT LAMPS.
- G** ALL LIGHTING FIXTURE LENSES, PARABOLIC LOUVERS DOWNLIGHTING ALZAK CONES AND "PARACUBE" DOWNLIGHTS SHALL BE PROTECTED BY PLASTIC LOUVERS DURING INSTALLATION AND LAMPING TO AVOID FINGERPRINTS OR DIRT DEPOSITS. IT IS PREFERRED TO COVER THESE AREAS WITH PLASTIC FILM AFTER PLACING PLASTIC BAGS TO PROTECT LOUVERS. AT CLOSE OF PROJECT AND AFTER CONSTRUCTION AIR HANDLING SYSTEMS CHANGE FILTERS, AFTER OR COME SHOWING DIRT OR FINGER PRINTS SHALL BE CLEANED WITH SOLVENT RECOMMENDED BY THE MANUFACTURER. OR COVER WITH PLASTIC FILM TO RETURN TO OWNER NEW FUTURE AT OCCUPANCY.
- RECESSED LUMINAIRES SHALL BE SECURED SUCH THAT THE FORCE OF THE LIGHTING FIXTURES, TRIMS, LENSES, LOUVERS, OR DOOR FRAMES DO NOT SHIFT HOUSING. ALL TRIMS SHALL BE COVERED WITH PLASTIC FILM TO PROTECT CEILING AT COMPLETION OF CONSTRUCTION.
- I** CONTRACTOR SHALL PROVIDE UNSWITCHED CONDUCTOR TO ALL EXIT SIGNS, EMERGENCY OVERVOLT BATTERY PACKS, AND NIGHT LIGHTS AS REQUIRED.

## TAGGED NOTES

# LIGHTING PLANS

MERCER COUNTY ATHLETICS - PHASE 2

FOR:

1124 Moberly Rd, Harrodsburg, KY 40330

**M.E.&P Engineer:**  
CMTA, Inc.  
Lexington, KY Office  
p 859.253.0892

**Structural Engineer:**  
Structural Design Group, Inc.  
p 615.255.5537

**Construction Manager:**  
Trace Creek Construction, Inc.  
p 606.796.3867

BG 25-362

Project No:	XMFS25
Drawn By:	Author
Rev'd By:	Checker
SHEET RELEASE	

SHEET RELEASE

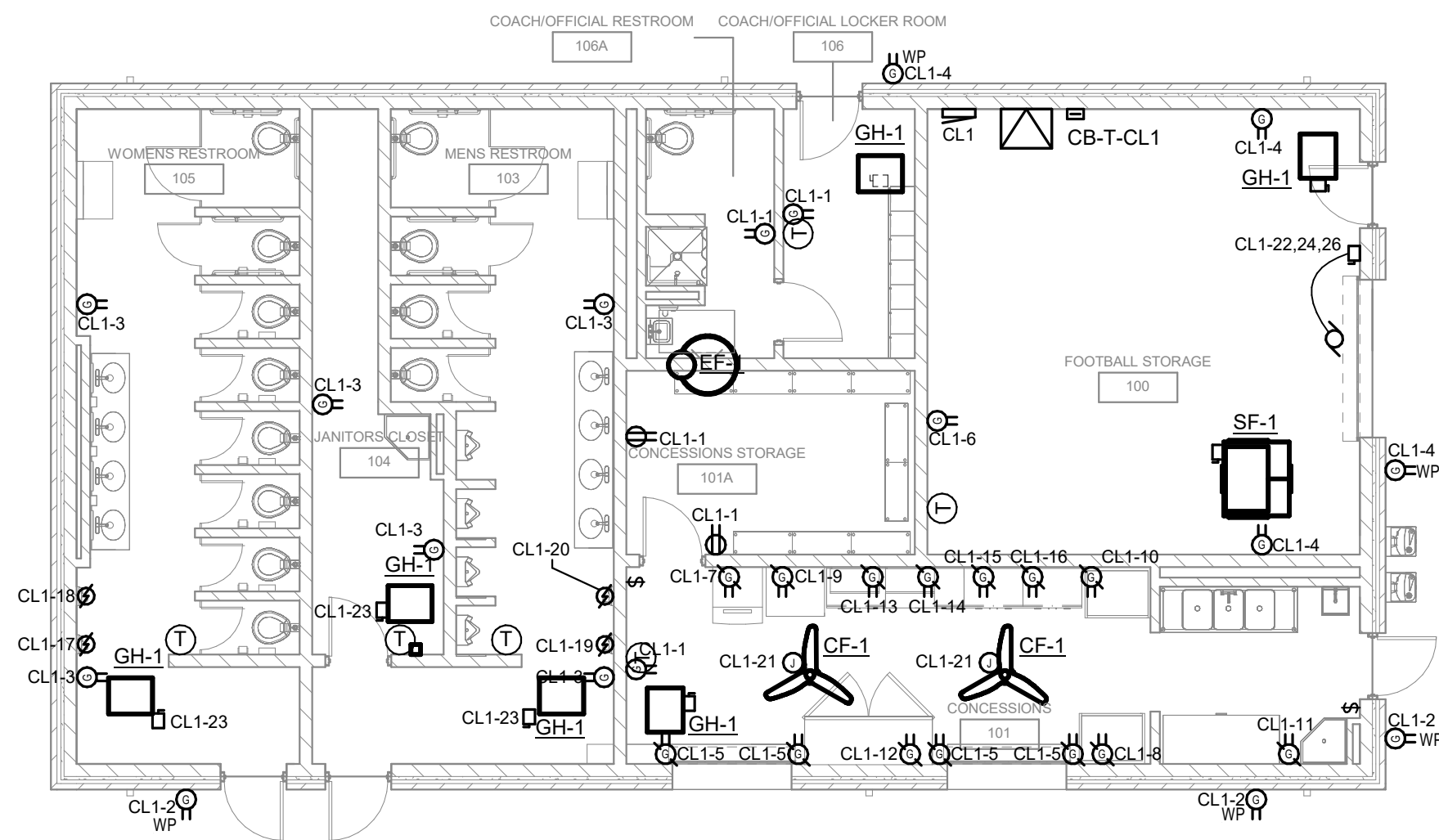
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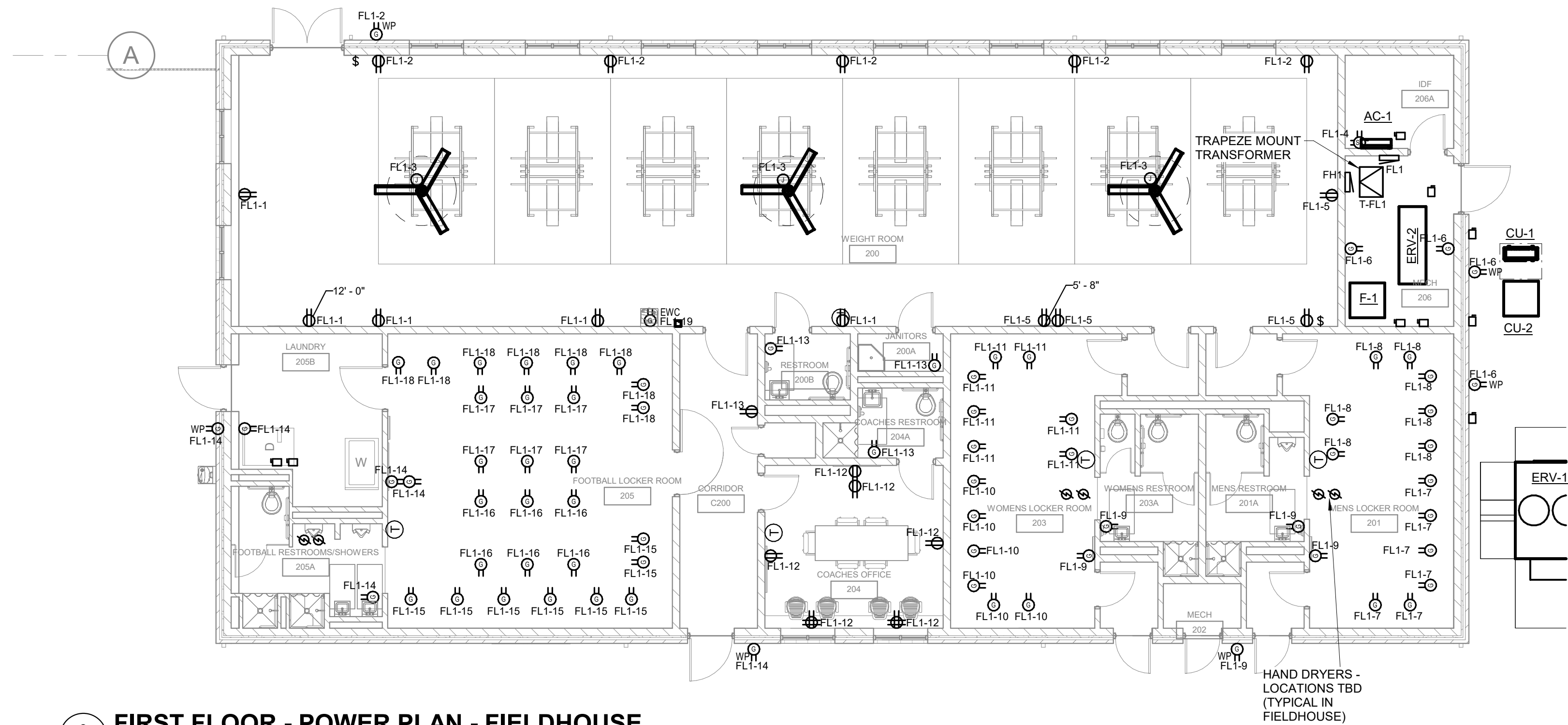
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## LIGHTING PLANS

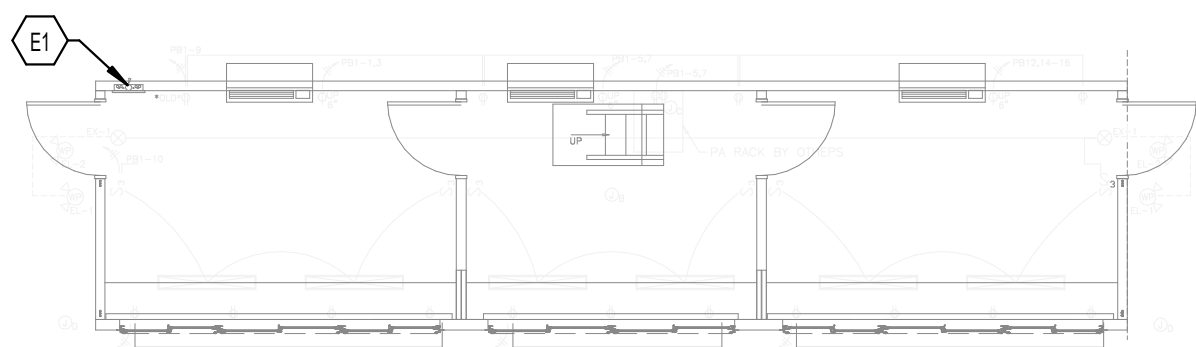
DATE ISSUED:  
MARCH 5, 2026

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**FIRST FLOOR - POWER PLAN - CONCESSIONS**



**FIRST FLOOR - POWER PLAN - FIELDHOUSE**



### 3 PRESSBOX - POWER PLAN

# ELECTRICAL POWER NOTES

- REFER TO THE ARCHITECT'S REFLECTED CEILING PLANS, ELEVATIONS, AND CASEWORKS DETAILING FOR LOCATION OF ALL ELECTRICAL PANELS AND MOUNTED ELECTRICAL DEVICES.
- CONTRACTOR SHALL FOLLOW BRANCH CIRCUITING PROTECTIVE DEVICE SCHEDULING AND WIRING WITH A MAXIMUM OF THREE (3) BRANCH CIRCUITS PER HOMERUN. EACH BRANCH CIRCUIT SHALL BE PROTECTED BY AN OVERCURRENT PROTECTIVE DEVICE. DEDICATED NEUTRAL CONDUCTORS SHALL BE CONSIDERED CURRENT CARRYING. IF ADDITIONAL NEUTRAL CONDUCTORS ARE REQUIRED TO SHARE WITH THOSE INDICATED, CONTRACTOR SHALL DERATE ALL CURRENT CARRYING CONDUCTORS PER NEC ARTICLE 250.4(B) AND 250.142. ONE (1) NEUTRAL PER NEC 300.407 AND ANNEX C, MULTIWIRE BRANCH CIRCUITS ARE DISALLOWED. ALL NEUTRALS SHALL HAVE A COMMON NEUTRAL (CONDUCTOR) SHALL NOT BE PERMITTED.
- IDENTIFY THE PANEL AND CIRCUIT NUMBER FOR ALL ELECTRICAL SWITCHES, ETC. AREA FOR ALL CONSTRUCTION. PROVIDE ALL ADDITIVE LABELS OF LIGHTING, LIGHTING FIXTURES, AND LIGHTING DEVICES. IN HEALTH CARE FACILITIES, ENGINEERING SHALL IDENTIFY ALL ELECTRICAL PATIENT CARE AREAS. MARK INSIDES OF ALL DEVICE BOXES WITH PANEL AND CIRCUIT NUMBER.
- RECEPTACLES THAT ARE CONTROLLED BY AN AUTOMATIC SHUT OFF SYSTEM SUCH AS OCCUPANCY SENSOR OR ENERGY MANAGEMENT SYSTEM SHALL BE MARKED IN ACCORDANCE WITH NEC 408.361.
- ALL ELECTRICAL CONNECTIONS AND LOCAL DISCONNECTS SHALL BE COORDINATED WITH MECHANICAL AND PLUMBING CONTRACTORS TO PREVENT CONFLICTS. ALL ELECTRICAL SHALL BE MAINTAINED PER NEC. NOTIFY OTHER TRADES OF REQUIRED CLEARANCE AREAS TO AVOID RUPTURE OF ELECTRICAL SYSTEMS. PROVIDE INSTANT ELECTRICAL EQUIPMENT OVER CURRENT TRIPPING NAMEPLATES OR ACCESS PANELS OR THROUGH ACCESS PANELS TO MAINTAIN CLEARANCES OF EQUIPMENT BY OTHER TRADES.

## TAGGED NOTES

E1 POWER NOTE

**2f**  
rosrarrant architects  
a MOREgroup brand

101 old lafayette avenue lexington, kentucky 40502 p 859.254.4018

NOT FOR  
CONSTRUCTION

**CMTA**  
A LEGENCE Company

POWER PLANS  
MERCER COUNTY ATHLETICS - PHASE 2  
FOR:  
Owner  
1124 Moberly Rd, Harrodsburg, KY 40330

**M,E.&P Engineer:**  
CMTA, Inc.  
Lexington, KY Office  
p 859.253.0892

**Structural Engineer:**  
Structural Design Group, Inc.  
p 615.255.5537

**Structural Engineer:**  
Structural Design Group, Inc.  
p 615.255.5537

**Construction Manager:**  
Trace Creek Construction, Inc.  
p 606.796.3867

BG 25-362

Project No:	XMFS25
Request By:	11/11/2013

Rev'd By: Checker

SHEET RELEASE

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CONSTRUCTION DOCUMENTS

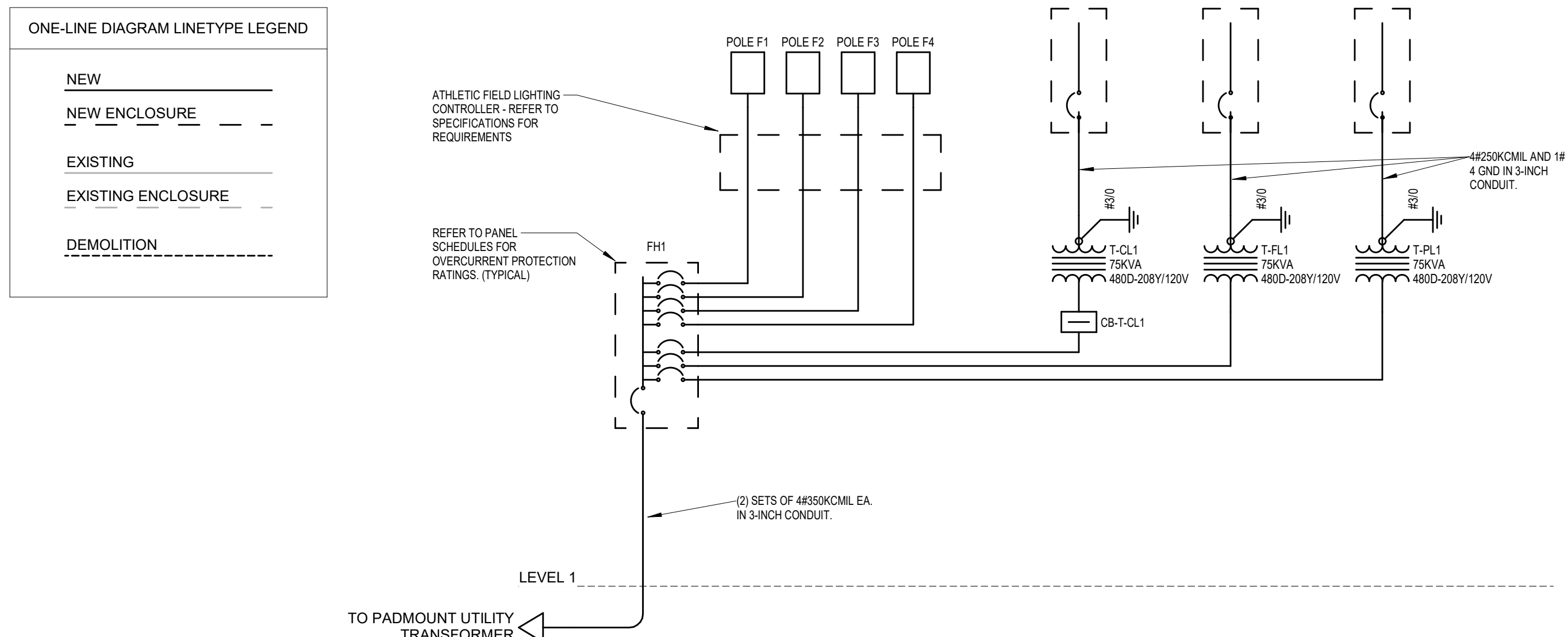
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## POWER PLANS

DATE ISSUED:

MARCH 5, 2026



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### THREE PHASE DRY TYPE TRANSFORMER SCHEDULE

**GENERAL NOTES:**

- UTILIZE PRIMARY AND SECONDARY FEEDER SIZES BELOW UNLESS OTHERWISE NOTED ON RISEN DIAGRAM.
- CONFIRM COORDINATE TRANSFORMER AND TERMINAL BREAKERS' LUG SIZES WITH CONDUCTOR SIZES INDICATED.
- CONDUCTOR WITHIN 240/3P FOR BREAKERS 1200A AND LARGER.
- TRANSFORMER SECONDARY CONDUCTORS ARE ADJUSTED TO REFLECT THE NEUTRAL CONDUCTOR AS A CURRENT-CARRYING CONDUCTOR.

**NOTES:**

- CONNECT GROUNDING ELECTRODE CONDUCTOR FROM TRANSFORMER X0 TERMINAL TO BUILDING STEEL IF AVAILABLE, OR TO OTHER BUILDING GROUNDING SYSTEM AS DESIGNATED.
- CONDUCTOR SIZING BASED ON INDICATED TERMINAL BREAKER. REFER TO PANEL SCHEDULES AND/OR ONE-LINE DIAGRAM FOR FINAL SELECTION.
- GROUNDING CONDUCTOR FROM TRANSFORMER TO PRIMARY OVERCURRENT DEVICE SIZED AS AN EQUIPMENT GROUNDING CONDUCTOR PER NEC TABLE 250.122.
- BONDING CONDUCTOR FROM TRANSFORMER TO SECONDARY OVERCURRENT DEVICE SIZED AS A SEPARATELY DERIVED SYSTEM SUPPLY SIDE BONDING JUMPER PER NEC TABLE 250.66.

RATED KVA	TERMINAL BREAKER (NOTE 2)	PRIMARY - 480 DELTA		SECONDARY - 208Y/120V			
		COPPER CONDUCTOR SIZE (NOTE 3)	CONDUIT SIZE	COPPER CONDUCTOR SIZE (NOTE 4)	CONDUIT SIZE	GROUNDING ELECTRODE CONDUCTOR SIZE (NOTE 1)	TERMINAL BREAKER (NOTE 2)
9	20A/3P	3#12, #12G	3/4"	4#8, #8G	1"	#8	35A/3P
15	30A/3P	3#10, #10G	3/4"	4#8, #8G	1"	#8	60A/3P
30	50A/3P	3#8, #10G	3/4"	4#8, #8G	1 1/2"	#8	100A/3P
45	80A/3P	3#6, #8G	1"	#6/2, #4G	2"	#4	175A/3P
75	150A/3P	3#10, #6G	1 1/2"	4 - 300KCMIL, #2G	2 1/2"	#2	250A/3P
112.5	250A/3P	3 - 250 KCMIL, #4G	2 1/2"	4#40, #20G (2 SETS)	2 1/2"	#2/0	400A/3P
150	300A/3P	3 - 300 KCMIL, #4G	2 1/2"	4 - 400 KCMIL, #20G (2 SETS)	3"	#2/0	600A/3P
225	400A/3P	3 - 500 KCMIL, #3G	3"	4 - 350 KCMIL, #20G (2 SETS)	3"	#2/0	800A/3P
300	500A/3P	3#40, #2G (2 SETS)	2"	4 - 400 KCMIL, #30G (4 SETS)	3"	#3/0	1200A/3P

1 ONE-LINE DIAGRAM  
SCALE: NONE

PANELBOARD AND WIRING SCHEDULE

PANEL: FH1

VOLTAGE: None/Not Computed/Not Computed/W

AMPERES: 600 A

MAINS TYPE: MCB

SPD:

MOUNTING: SURFACE

PANEL INTERRUPTING RATING: <ENGINEER TO SPECIFY>

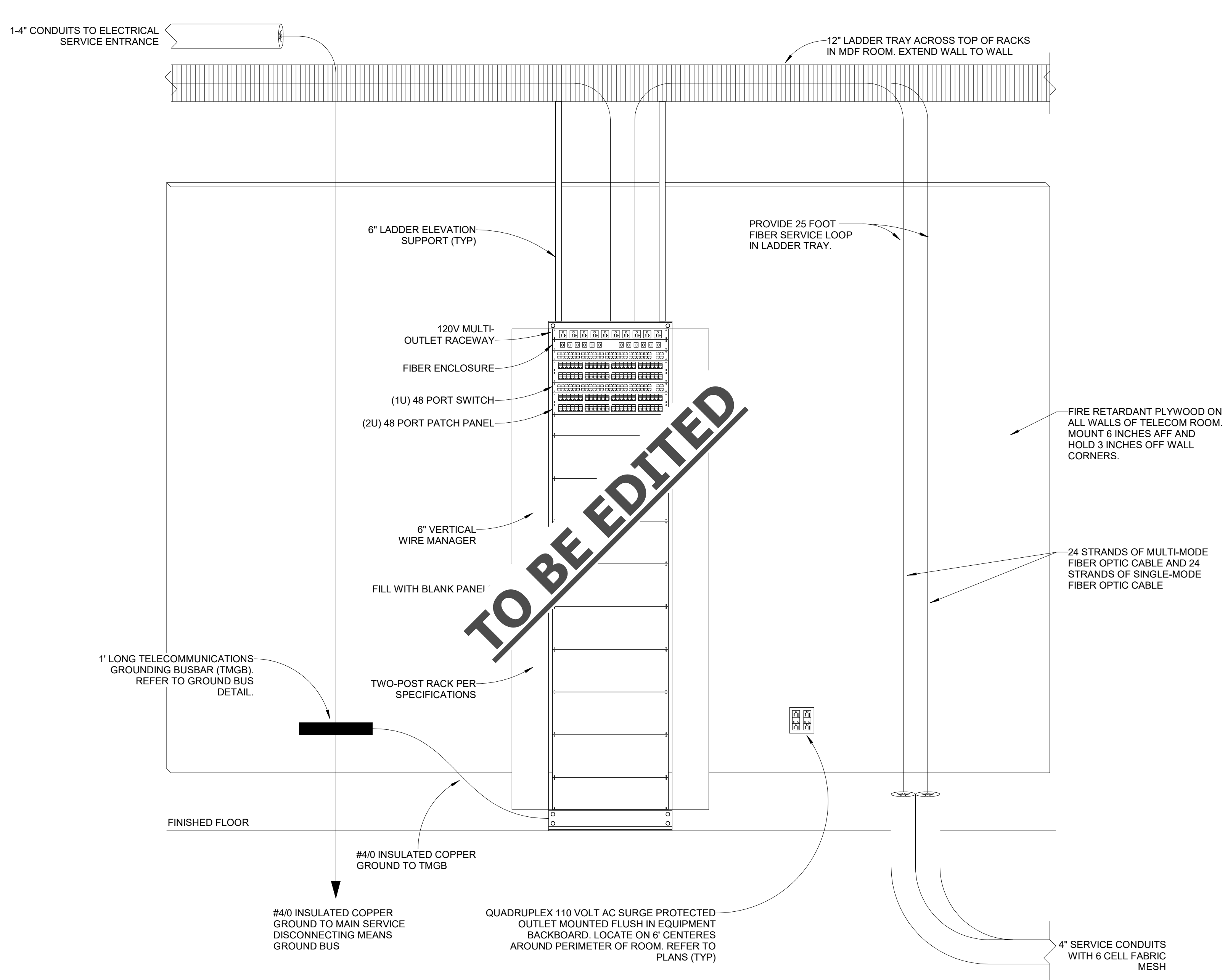
LOCATION: MECH 206

SUPPLY FROM:

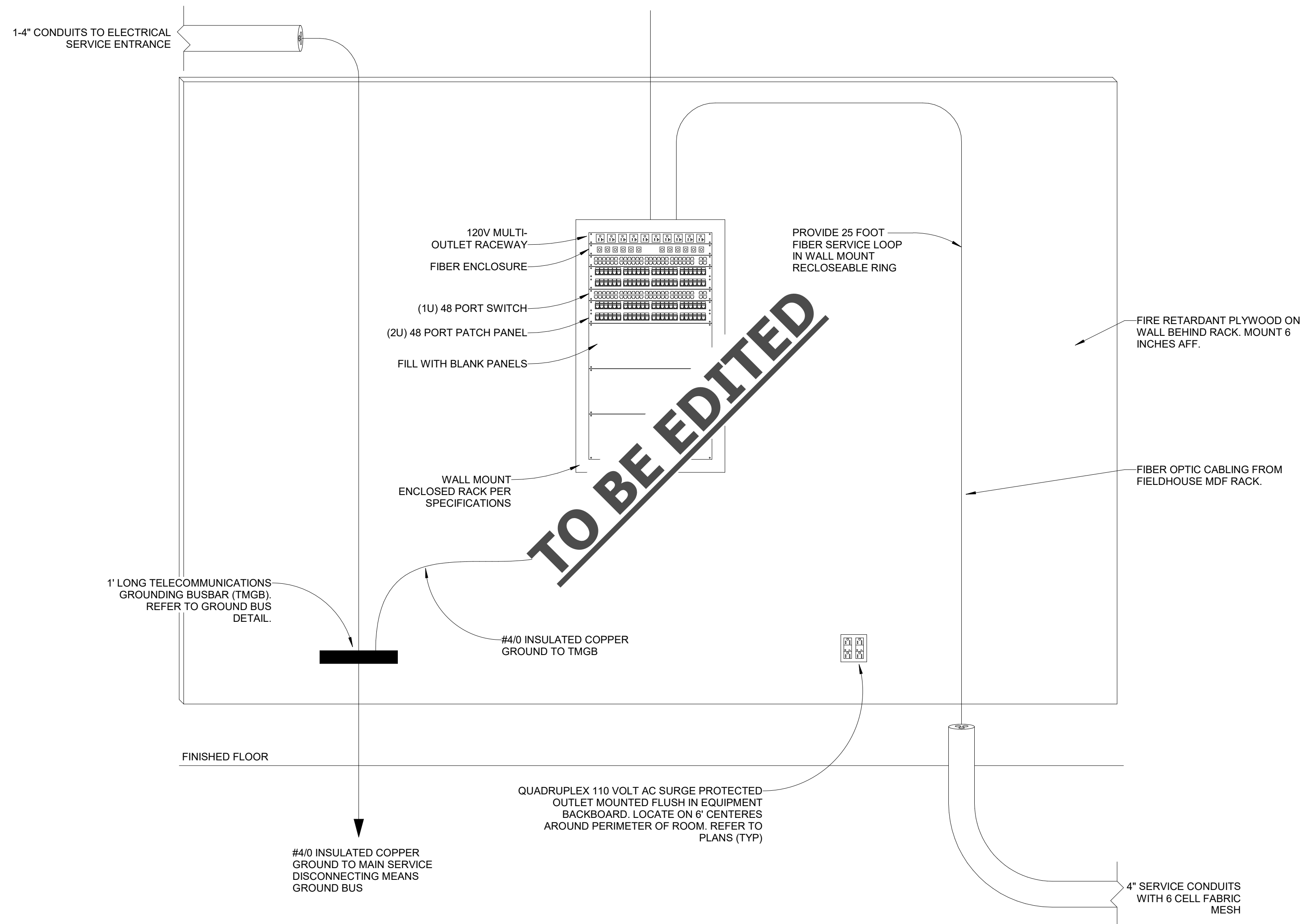
NOTES	CIRCUIT DESCRIPTION	HOT, NEUT, GND	OCB	P	CKT	A	B	C	CKT	P	OCB	HOT, NEUT, GND	CIRCUIT DESCRIPTION	NOTES
					1				2					
					3				4					
					5				6					
					7				8					
					9				10					
					11				12					
					13				14					
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					47				48					
					49				50					
					51				52					
					53				54					
						0.0 kVA	0.0 kVA	0.0 kVA						
LOAD CLASSIFICATION		CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND		PANEL TOTALS								
						TOTAL CONNECTED LOAD: 0 VA								
						TOTAL ESTIMATED DEMAND: 0 VA								
						TOTAL CONNECTED CURRENT: Not Computed								
						TOTAL ESTIMATED DEMAND CURRENT: Not Computed								
						25 % ADDITIONAL CAPACITY: 0 A								
						TOTAL PANEL CURRENT: 0 A								

NOTES: WHERE NOT LISTED, WIRE AND CONDUIT SHALL BE BE MINIMUM PER SPECIFICATIONS. SPARE BREAKERS TO BE 20A/1P.

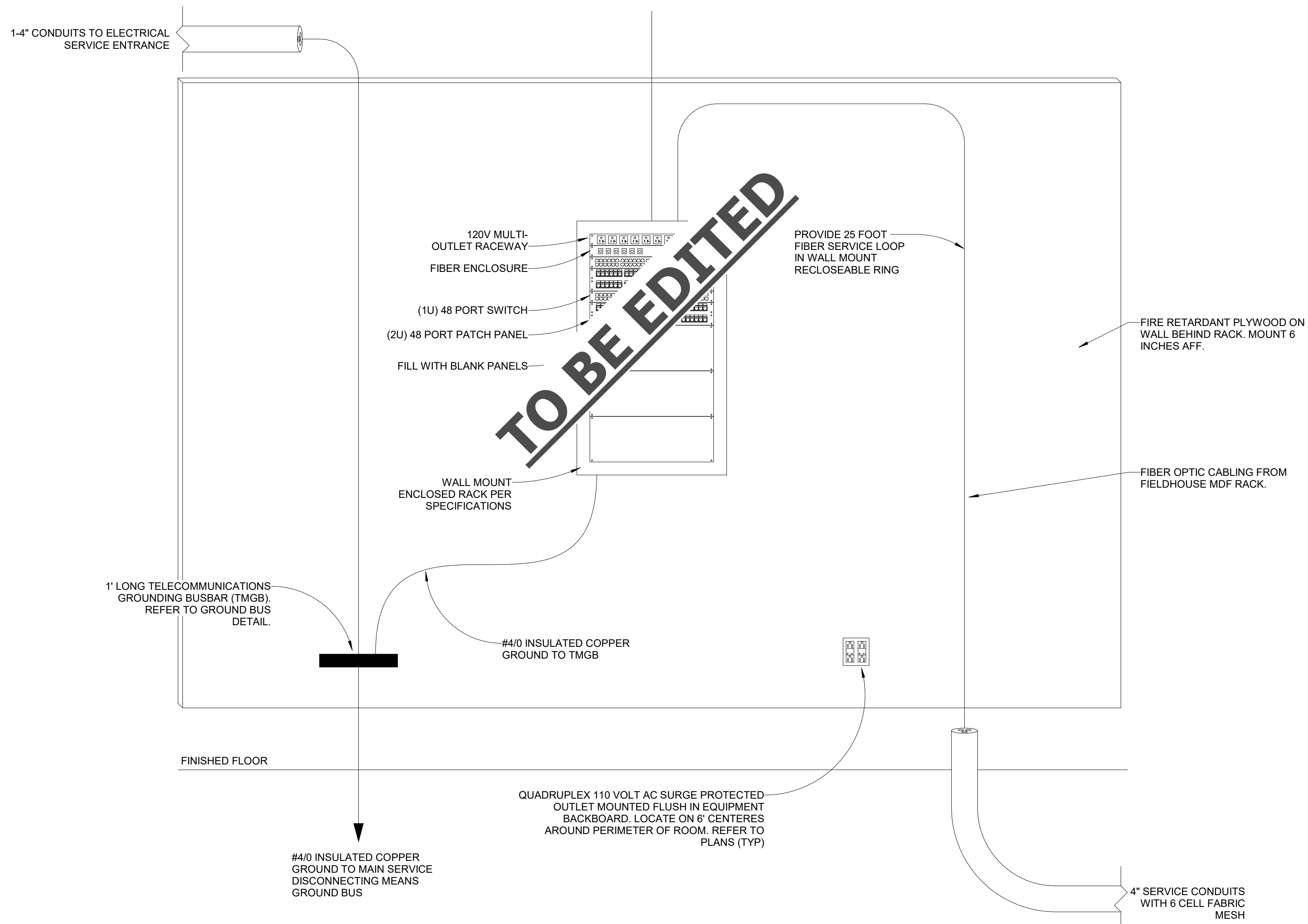
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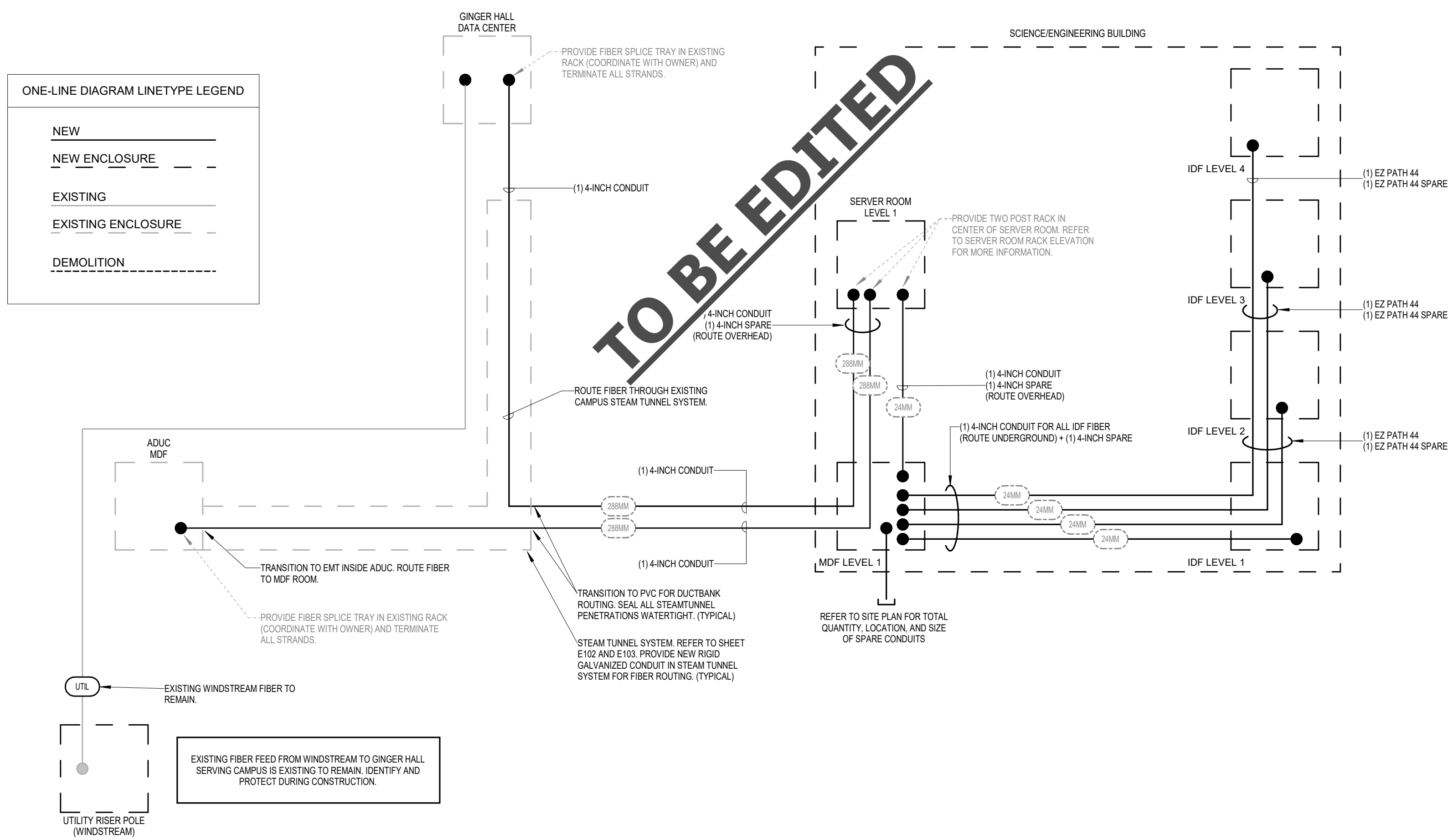
1 COMMUNICATIONS RISER - FIELDHOUSE MDF  
SCALE: NONE



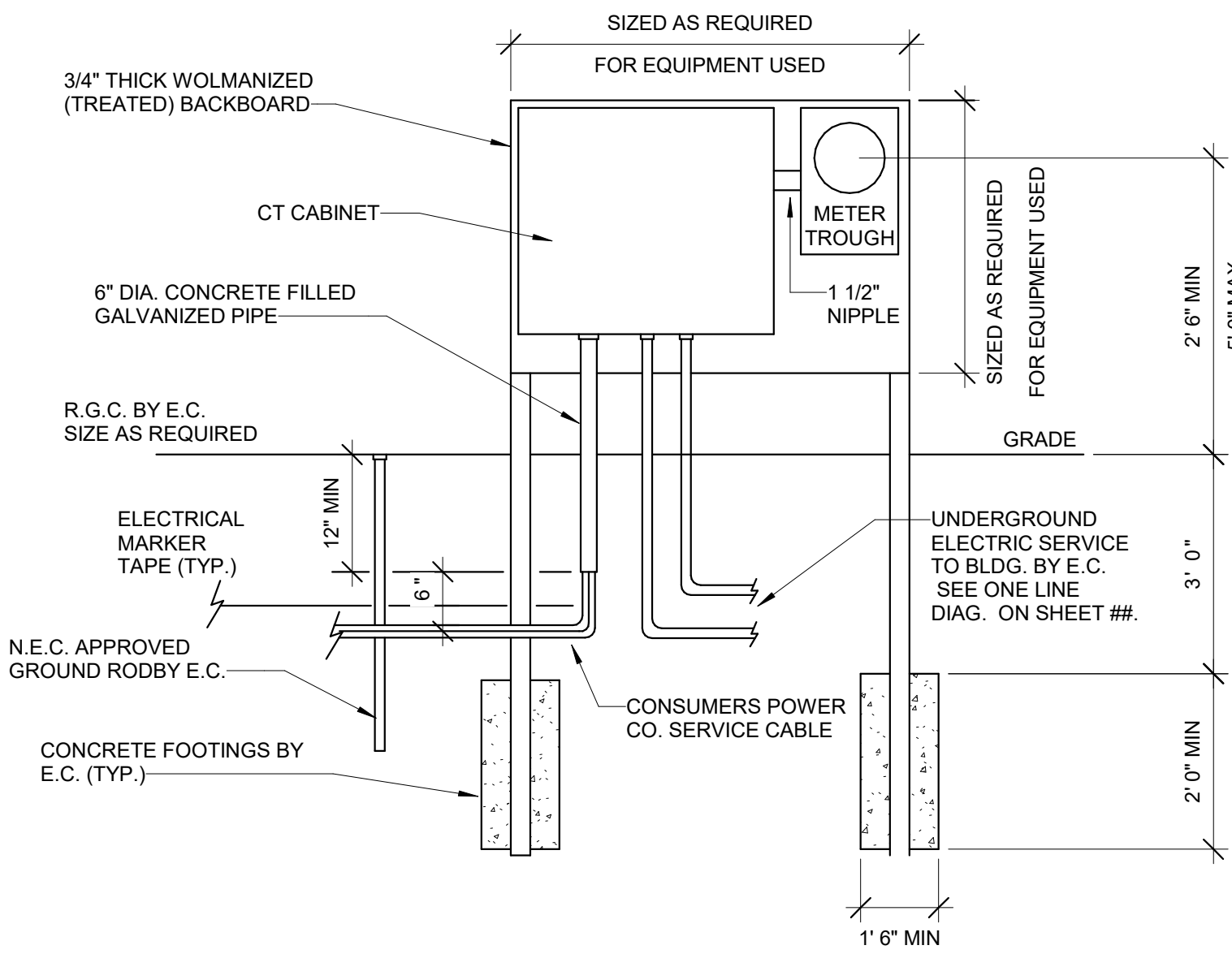
2 COMMUNICATIONS RISER - CONCESSIONS MDF  
SCALE: NONE



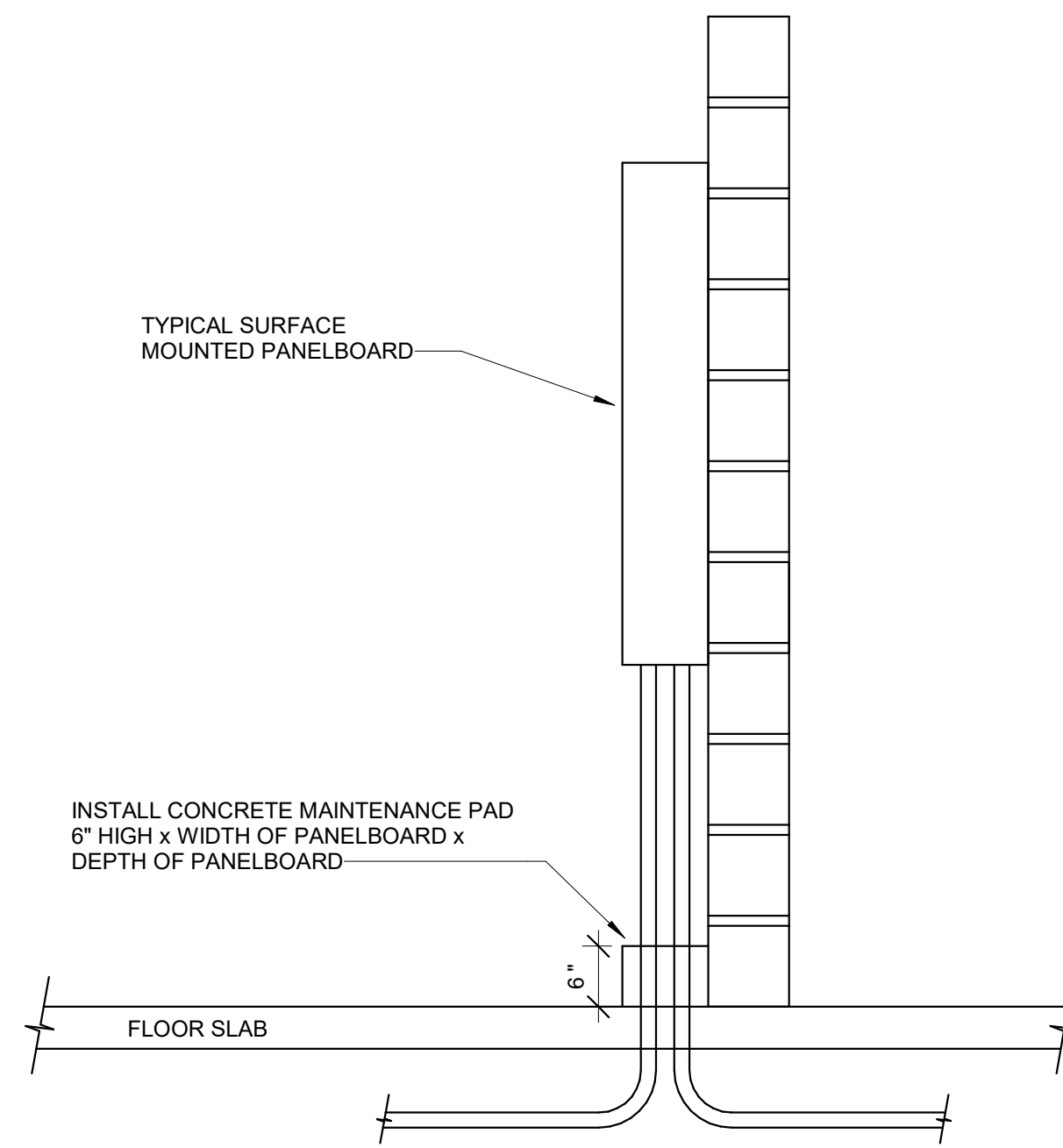
3 COMMUNICATIONS RISER - PRESSBOX MDF  
SCALE: NONE



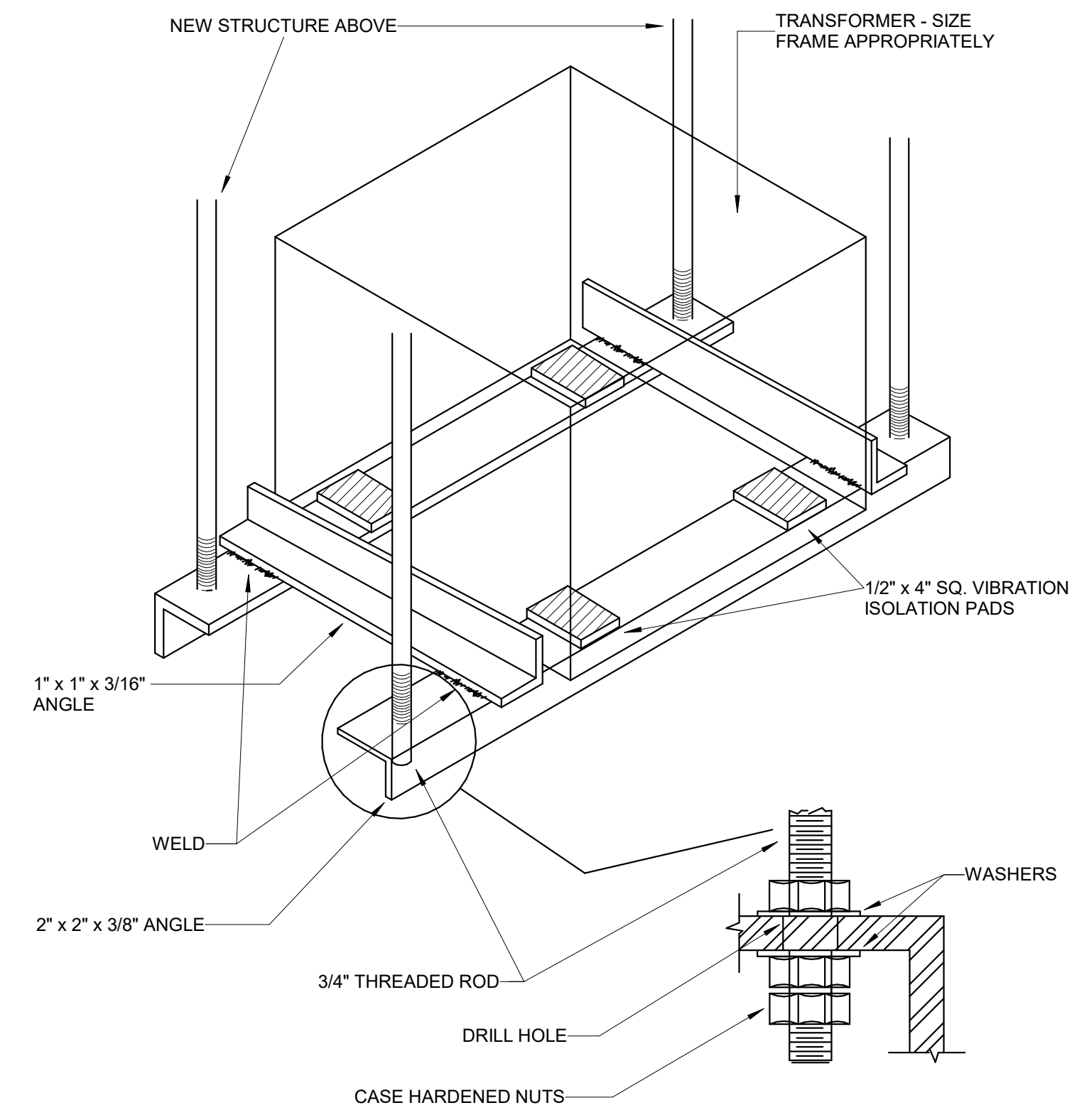
4 FIBER OPTIC ONE-LINE DIAGRAM  
SCALE: NONE

[illegible]

1 ELECTRICAL SERVICE METER PEDISTAL DETAIL  
SCALE: NONE



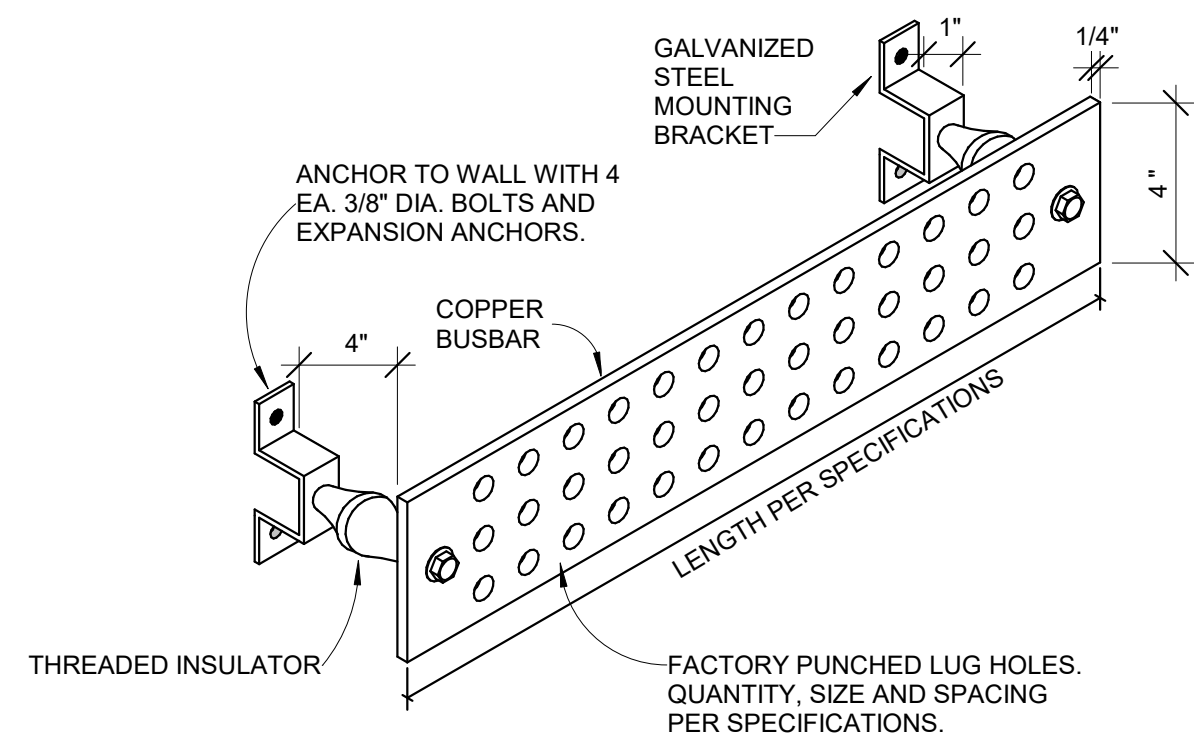
4 SURFACE PANELBOARD CONDUIT MAINTENANCE PAD DETAIL  
SCALE: NONE



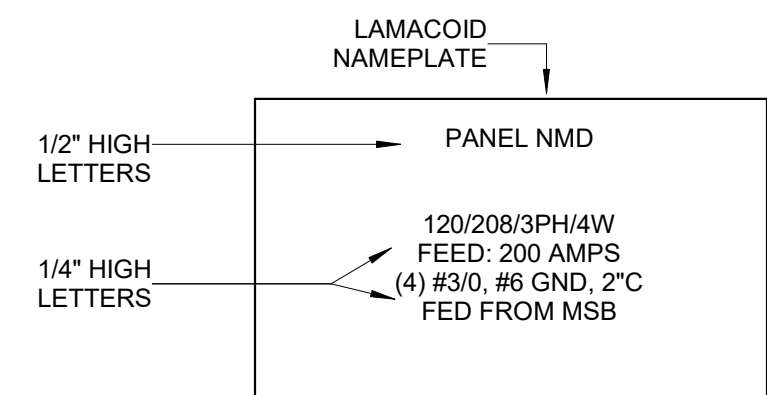
GENERAL NOTES

1. THIS DETAIL ONLY APPLIES TO DRY-TYPE TRANSFORMERS UP TO 45 KVA.

## 5 SUSPENDED DRY-TYPE TRANSFORMER INSTALLATION

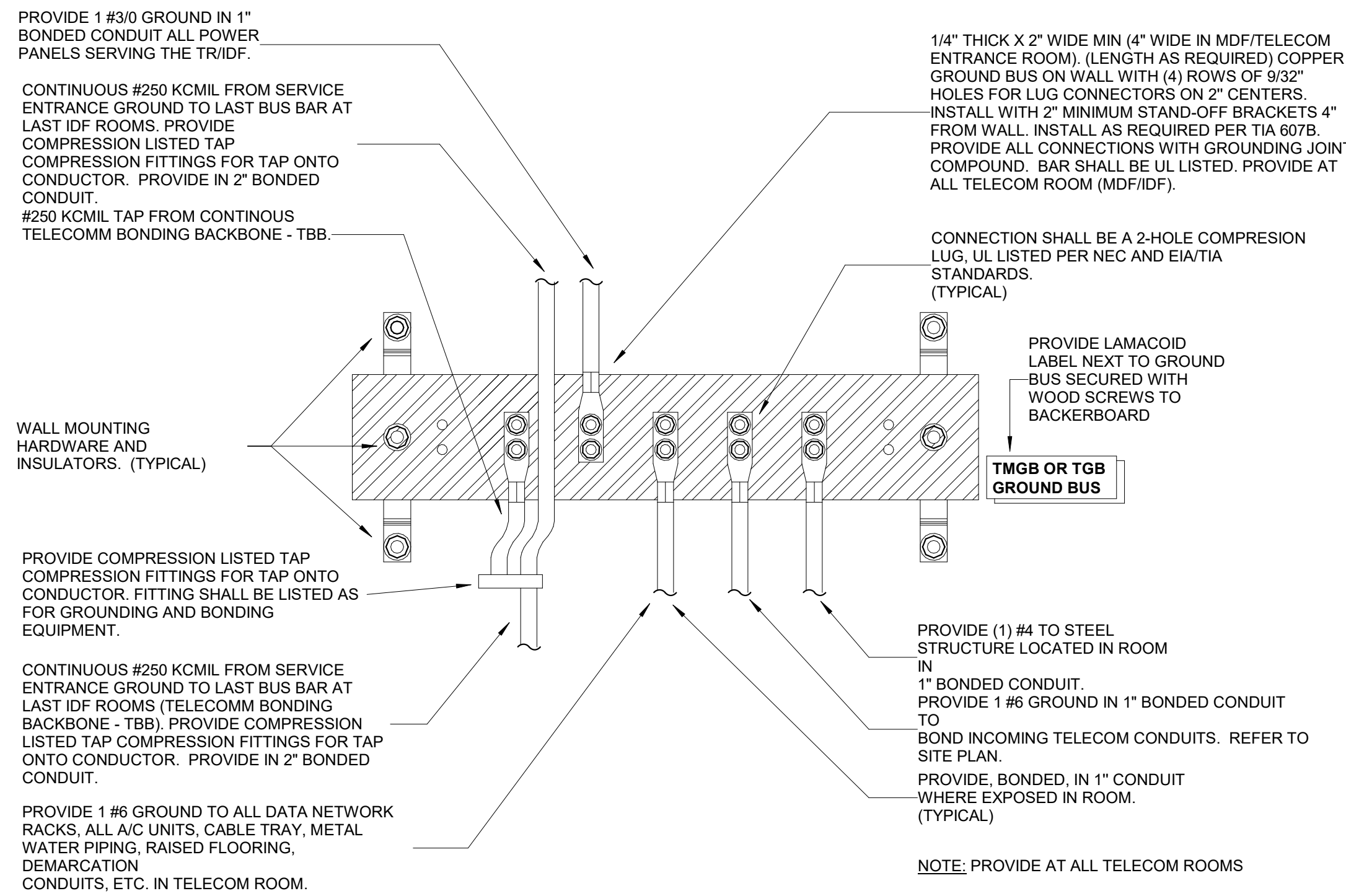


## 7 GROUND BUS BAR MOUNTING

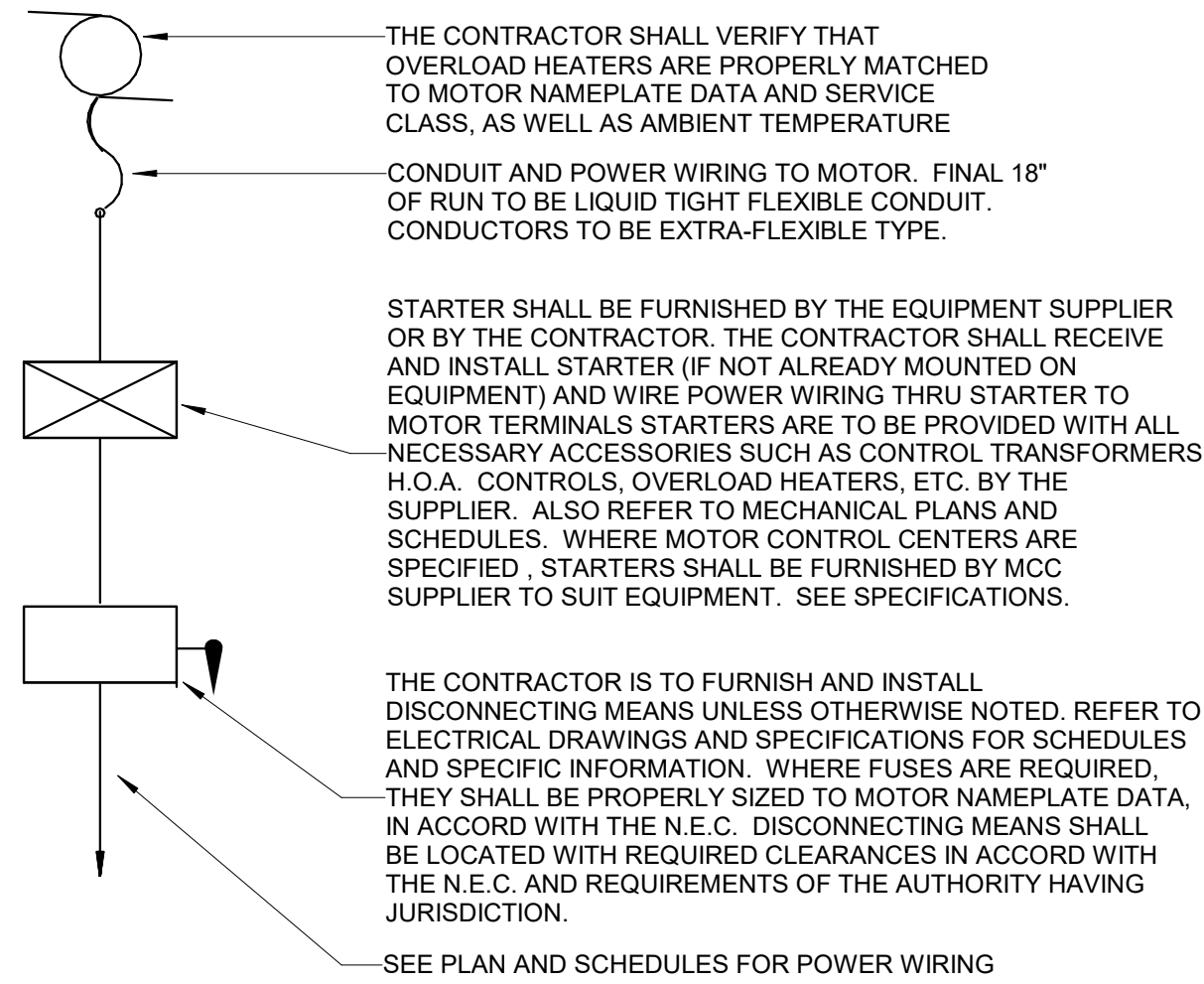


NORMAL POWER LABELS SHALL BE BLACK WITH WHITE LETTERS.  
EMERGENCY POWER LABELS SHALL BE RED WITH WHITE LETTERS.  
UTILIZE SCREW-ON LAMACOID PLATES.

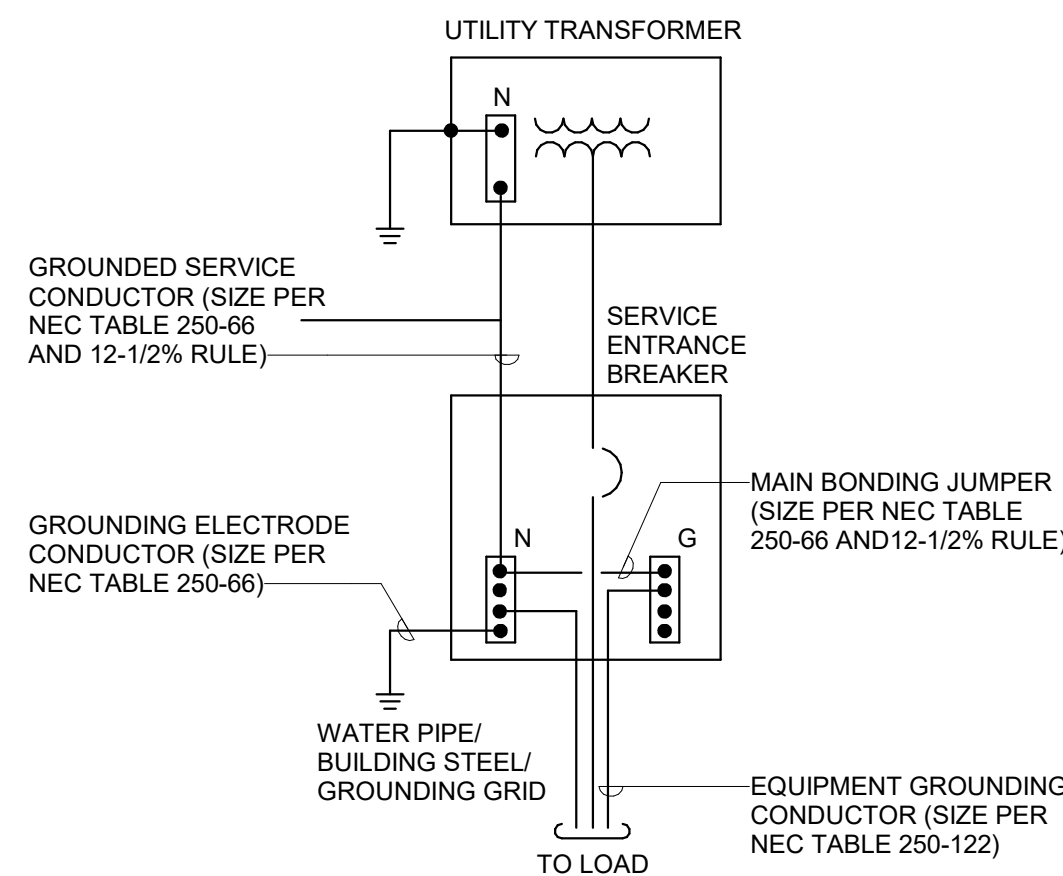
## 2 PANEL & SWITCHBOARD NAMEPLATE DETAIL



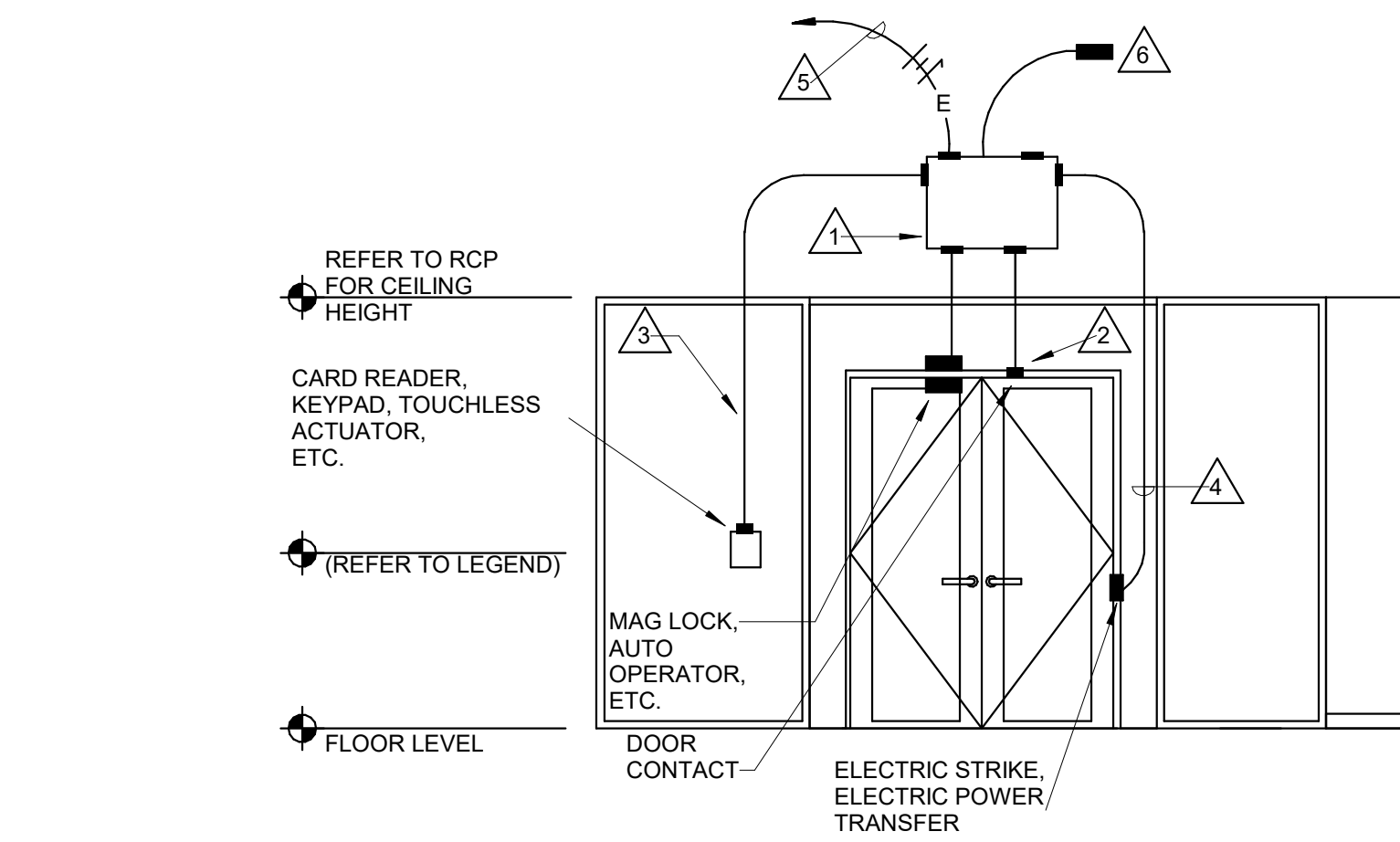
9 TELECOM GROUNDING BUS BAR DETAIL (TGMB & TGB)  
SCALE: NONE



## 6 TYPICAL MOTOR STARTER INSTALLATION



### 3 SERVICE ENTRANCE GROUNDING DETAIL



**ACCESS CONTROL SYSTEM (TAGGED NOTES)**

DOOR JUNCTION PANEL ABOVE DOOR PROVIDED AND INSTALLED BY THE ACCESS CONTROL VENDOR/CONTRACTOR. REFER TO DOOR HARDWARE SPECIFICATIONS AND FLOOR PLANS FOR ALL LOCATIONS.

PROVIDE CONDUIT SUB-OUT FROM DOOR FRAME TO 6" ABOVE CEILING AT DOOR LOCATION AS REQUIRED FOR DOOR POSITION INDICATOR SWITCHES, ALARM CONTACTS, ETC. PROVIDE ADDITIONAL CONDUITS AND LOCATIONS AS REQUIRED FOR ADDITIONAL DEVICES. REFER TO DOOR HARDWARE SPECIFICATIONS AND FLOOR PLANS FOR DEVICES REQUIRED.

PROVIDE CONDUIT SUB-OUT FROM DOOR OPERATOR DEVICE 6" ABOVE CEILING AT DOOR LOCATION AS REQUIRED FOR CARD READERS, TOUCHLESS ACCESS KEYPADS, KEYPADS, ETC. PROVIDE ADDITIONAL CONDUITS AND LOCATIONS AS REQUIRED FOR ADDITIONAL DEVICES. REFER TO DOOR HARDWARE SPECIFICATIONS AND FLOOR PLANS FOR DEVICES REQUIRED.

PROVIDE CONDUIT SUB-OUT FROM DOOR FRAME TO 6" ABOVE CEILING AT DOOR LOCATION AS REQUIRED FOR ELECTRIC POWER TRANSFERS, ELECTRIC TRANSFERS, ETC. PROVIDE ADDITIONAL CONDUITS AT LOCATIONS AS REQUIRED FOR ADDITIONAL DEVICES. REFER TO DOOR HARDWARE SPECIFICATIONS AND FLOOR PLANS FOR DEVICES REQUIRED.

ROUTE 120V EMERGENCY LIFE-SAFETY POWER TO ALL DOOR POWER SUPPLIES, ALARMS AND RELEASERS, ETC. AS REQUIRED. REFER TO DOOR HARDWARE SPECIFICATIONS AND FLOOR PLANS FOR DEVICES REQUIRED.

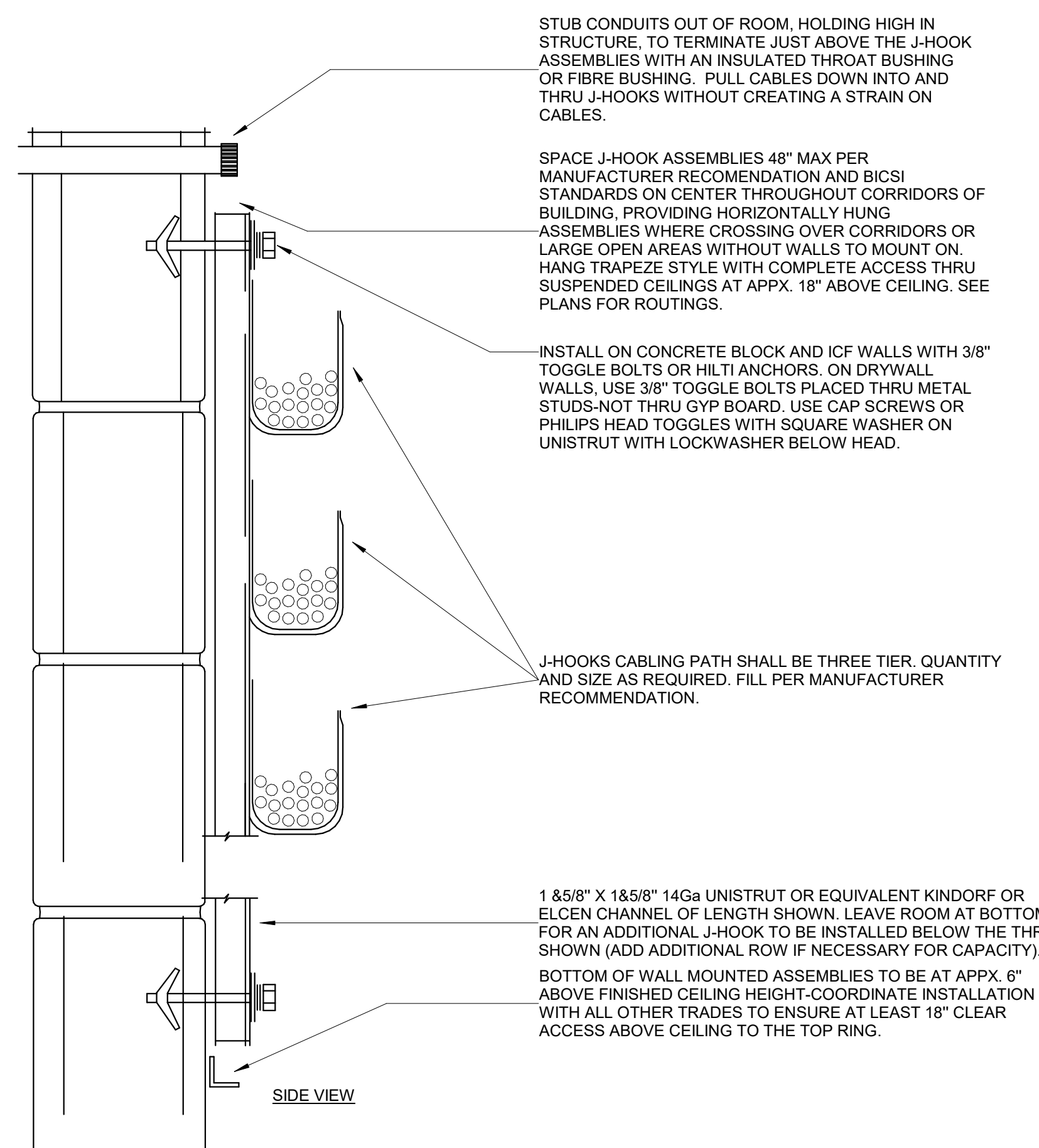
PROVIDE BACKBOX AND CONDUIT CONNECTION FROM INFANT ABANDON SYSTEM TO 6" ABOVE CEILING AT DOOR LOCATION INDICATED. REFER TO DOOR HARDWARE SPECIFICATIONS AND FLOOR PLANS FOR DEVICES REQUIRED.

**ACCESS CONTROL SYSTEM ( GENERAL NOTES )**

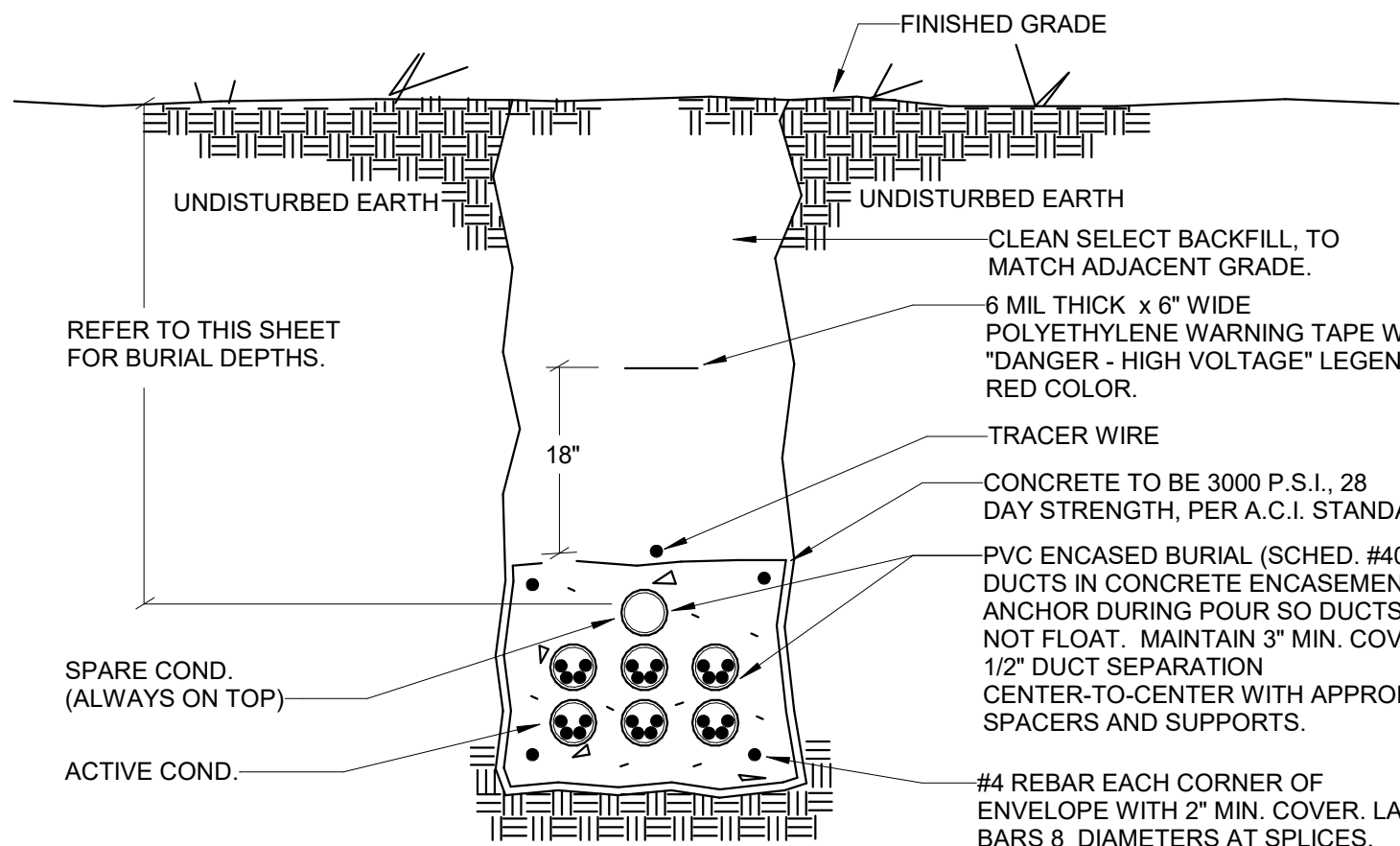
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- PROVIDE ALL NECESSARY BACKBOXES, CONDUITS AND ROUGH-INS REQUIRED REFER TO DOOR HARDWARE SPECIFICATIONS FOR DOOR RISER REQUIREMENTS PER DOOR AND FOR EQUIPMENT TRAYS AND CONDUITS.
- REFER TO DOOR HARDWARE SPECIFICATIONS SECTION FOR ADDITIONAL REQUIREMENTS, PROVIDE ALL CONDUITS AND FINAL TERMINATIONS OF PATHWAYS AT ALL DOOR FRAMES, WALLS, BACKBOXES, E.T.A.S REQUIRED FOR WIRING PATHWAYS.
- PROVIDE 3/4" CONDUIT MINIMUM FOR ALL ACCESS CONTROL ROUGH-IN AND STUB-OUTS.

10 TYPICAL DOOR HARDWARE ROUGH-IN ELEVATION  
SCALE: NONE



## 8 J HOOK INSTALLATION DETAIL



GENERAL NOTES:

- A. USE SWEEPING BENDS AT ALL TURNS AND RIGID STEEL ELLS.
- B. COMMUNICATIONS RACEWAYS SHALL BE RUN IN DUCT BANK ENCASED CONSTRUCTION, CONSTRUCTED SAME AS SHOWN, EXCEPT FOR NUMBER AND SIZE OF CONDUIT.
- C. POUR CONCRETE AGAINST UNDISTURBED EARTH.
- D. REFER TO SPECIFICATION SECTION 260400 FOR EXCAVATION, TRENCHING, BACKFILLING AND GRADING REQUIREMENTS. REFER TO EARTHWORK SPECIFICATIONS FOR GENERAL ROCK REMOVAL AND EARTHWORK REQUIREMENTS.

11 TYPICAL DUCT BANK CONSTRUCTION DETAIL  
SCALE: NONE