

# TULSA INTERNATIONAL AIRPORT ENTRY SIGNAGE CONSTRUCTION DOCUMENTS 10/03/2023



3-D REPRESENTATION FOR ILLUSTRATIVE PURPOSES ONLY, REFER TO DRAWINGS AND DETAILS

## PROJECT CONTACTS

**OWNER:**  
TULSA AIRPORTS IMPROVEMENT TRUST  
1111 AIRPORT DRIVE, SUITE A211  
TULSA, OK 74115

**ARCHITECT:**  
GH2 ARCHITECTS, LLC  
338 SOUTH BOSTON AVENUE  
SUITE 100  
TULSA, OKLAHOMA 74103  
P(918) 581-6158

**SIGNAGE CONSULTANT:**  
GRESHAM SMITH  
222 SECOND AVENUE SOUTH  
SUITE 1400  
NASHVILLE, TN 37201  
615.710.8100

## CONSULTANT CONTACTS

**MEP CONSULTANT:**  
PRECISION ENGINEERING GROUP  
5800 E SKELLY DR  
SUITE 1100  
TULSA, OK 74135  
P(918) 743-3000

**STRUCTURAL CONSULTANT:**  
GRESHAM SMITH  
222 SECOND AVENUE SOUTH  
SUITE 1400  
NASHVILLE, TN 37201  
615.710.8100

**LIGHTING CONSULTANT:**  
LIGHTCRAFT GROUP  
NYC: 200 LIBERTY STREET  
SUITE 302, NEW YORK, NY 10021  
212.389.2616

## PROJECT LOCATION

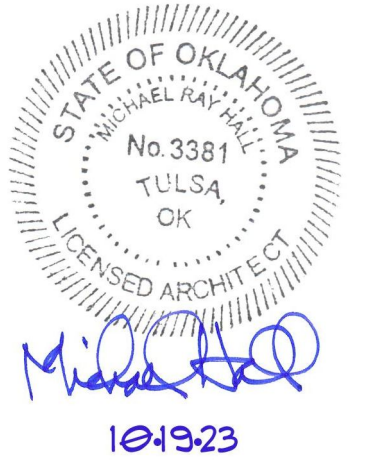


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SHEET NUMBER	SHEET NAME
<b>ELECTRICAL</b>	
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**GH2 ARCHITECTS**



**TUL ENTRY SIGNAGE**

7777 Airport Dr, Tulsa, OK 74115

**CS**  
COVER SHEET

**GH2 ARCHITECTS**

GH2.COM

GH2 PROJECT NUMBER:  
**20220001**

ISSUE DATE:  
**10/03/2023**

ISSUE:  
**CONSTRUCTION DOCUMENTS**

OTHER ISSUE DATES:  
NO. DESCRIPTION DATE  
1 Addendum 1 10/18/2023

SHEET NAME:  
**COVER SHEET**

SHEET NUMBER:  
**CS**

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**Notes**

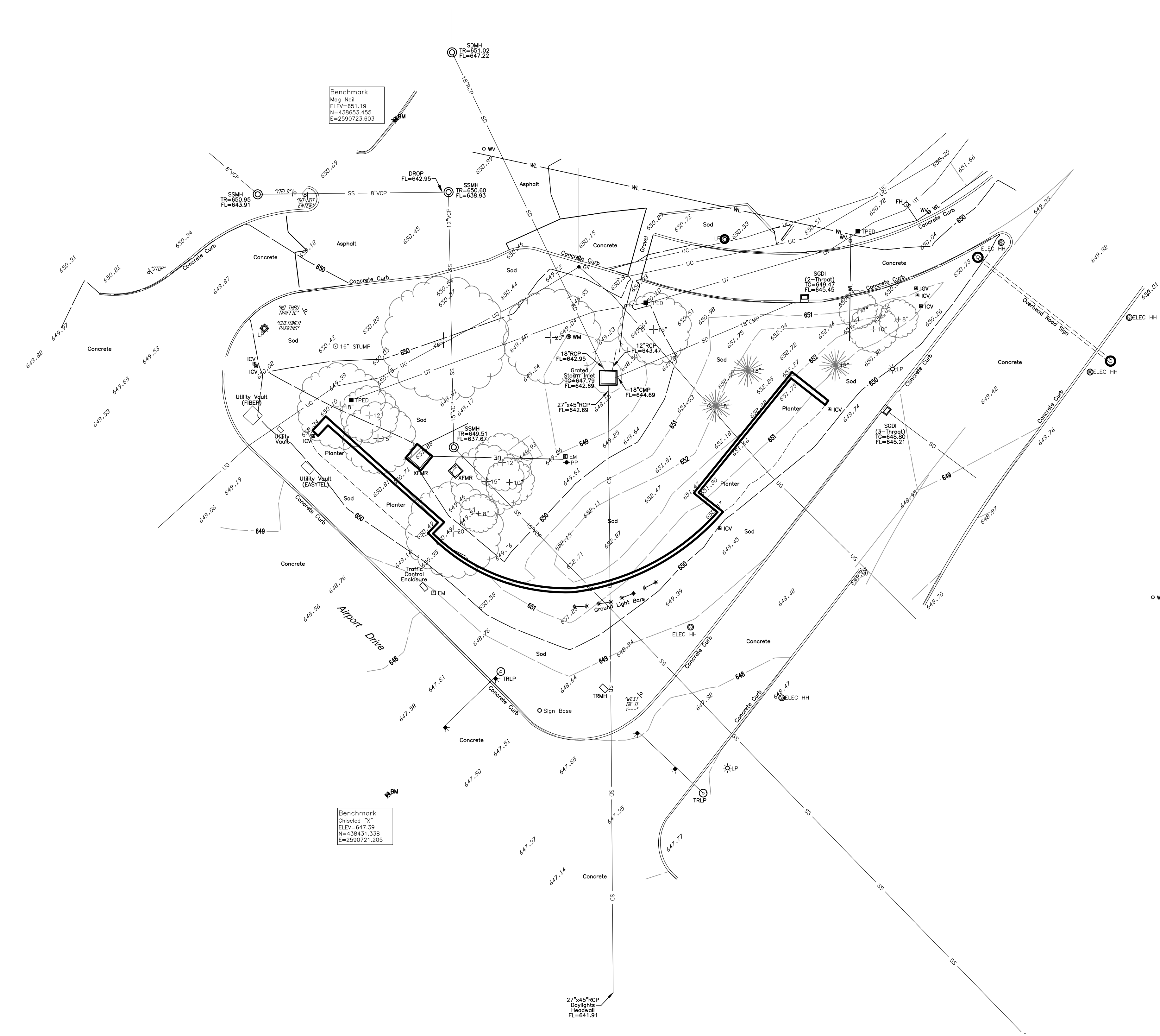
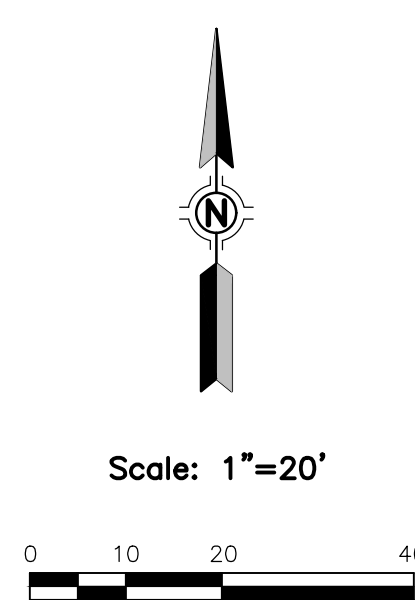
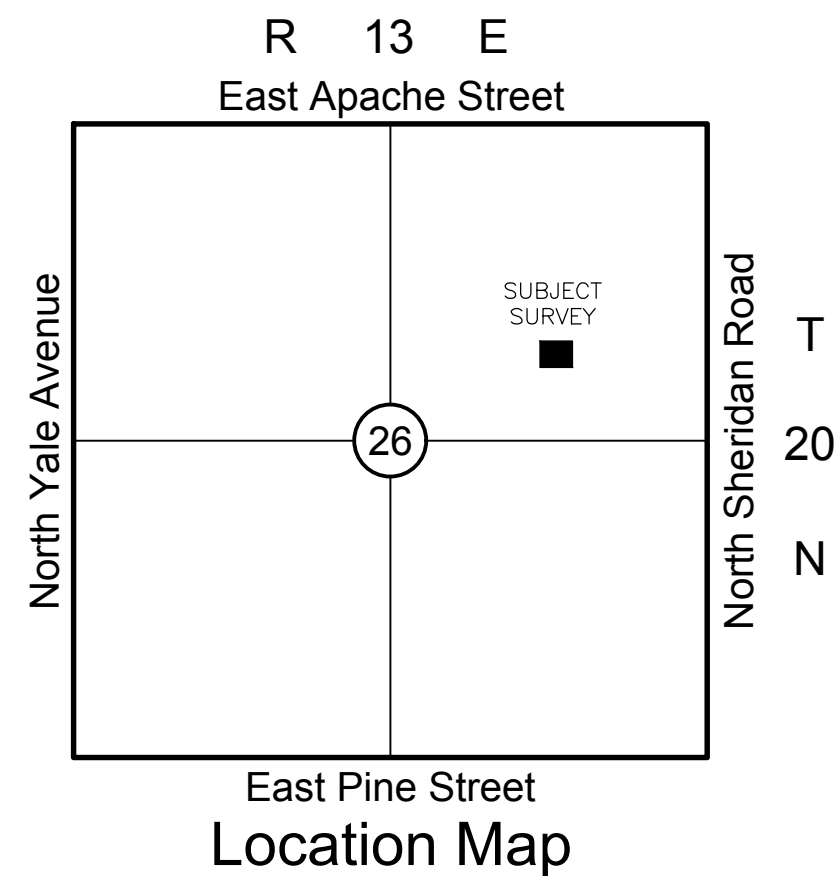
1. ABSTRACT OF TITLE OR ATTORNEY'S TITLE OPINION NOT AVAILABLE TO SURVEYOR AT DATE OF SURVEY.
2. THIS FIRM WAS NOT CONTRACTED TO RESEARCH EASEMENTS OR ENCUMBRANCES OF RECORD. NO ATTEMPT TO RESEARCH THE COUNTY RECORDS OR OTHER RECORD OFFICES WAS PERFORMED BY THIS FIRM, THEREFORE EASEMENTS MAY AFFECT THE SUBJECT TRACT THAT ARE NOT REFLECTED BY THIS PLAT.
3. ALL UNDERGROUND UTILITIES MAY NOT BE SHOWN. (CALL "OKIE" BEFORE DIGGING!!)
4. THE VERTICAL DATUM FOR THIS SURVEY IS BASED ON GPS DATA (NAVD88).
5. THE HORIZONTAL DATUM FOR THIS SURVEY IS BASED THE OKLAHOMA STATE PLANE COORDINATE SYSTEM NAD83.

**Legend**

- BM BENCHMARK
- CMP CORRUGATED METAL PIPE
- EM ELECTRIC METER
- FH FIRE HYDRANT
- FL FLOW LINE
- GM GAS METER
- HH HAND HOLE
- ICV IRRIGATION CONTROL VALVE
- LP LIGHT POLE
- OE OVERHEAD ELECTRIC
- PP POWER POLE
- RCP REINFORCED CONCRETE PIPE
- SD STORM DRAIN LINE
- SDMH STORM DRAIN MANHOLE
- SGDI SINGLE GRATE DROP INLET
- SS SANITARY SEWER LINE
- SSMH SANITARY SEWER MANHOLE
- TG TOP OF GRATE
- TPED TELEPHONE PEDESTAL
- TR TOP OF RIM
- UC UNDERGROUND CABLE
- UE UNDERGROUND ELECTRIC
- UG UNDERGROUND GAS
- UTMH UTILITY MANHOLE
- VCP VITRIFIED CLAY PIPE
- WL WATER LINE
- WM WATER METER
- WV WATER VALVE
- XFMR ELECTRIC TRANSFORMER

**Benchmark Notes**

- Mag Nail Chiseled "X"
- ELEV=651.19 ELEV=647.39
- N=438653.455 N=438431.338
- E=2590723.603 E=2590721.205



K12340347.2-TIA Entrance Sign-Wallace/Final drawings/2340347.21P.dwg PLOT: 5/10/2023 9:54:00 AM ORIG SIZE: 24"x36"



**CAUTION  
NOTICE TO CONTRACTOR**

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THE LOCATION AND ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES.

**Surveyor's Certification**

WE, BENNETT SURVEYING, INC., HEREBY CERTIFY THAT THE TOPOGRAPHICAL INFORMATION HEREON REPRESENTS A SURVEY PERFORMED UNDER OUR DIRECT SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

THIS TOPO SURVEY MEETS THE MINIMUM TECHNICAL STANDARDS, AS ADOPTED BY THE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS FOR THE STATE OF OKLAHOMA.

WITNESS MY HAND AND SEAL THIS 19TH DAY OF MARCH, 2015.



BY: *Cliff Bennett*  
CLIFF BENNETT  
REGISTERED PROFESSIONAL LAND SURVEYOR  
OKLAHOMA NO. 1815



wallace design collective, pc  
structural-civil-landscape survey  
123 north martin luther king jr. blvd.  
tulsa, oklahoma 74103  
918.584.5858  
oklahoma ca1460  
exp: 6-30-23

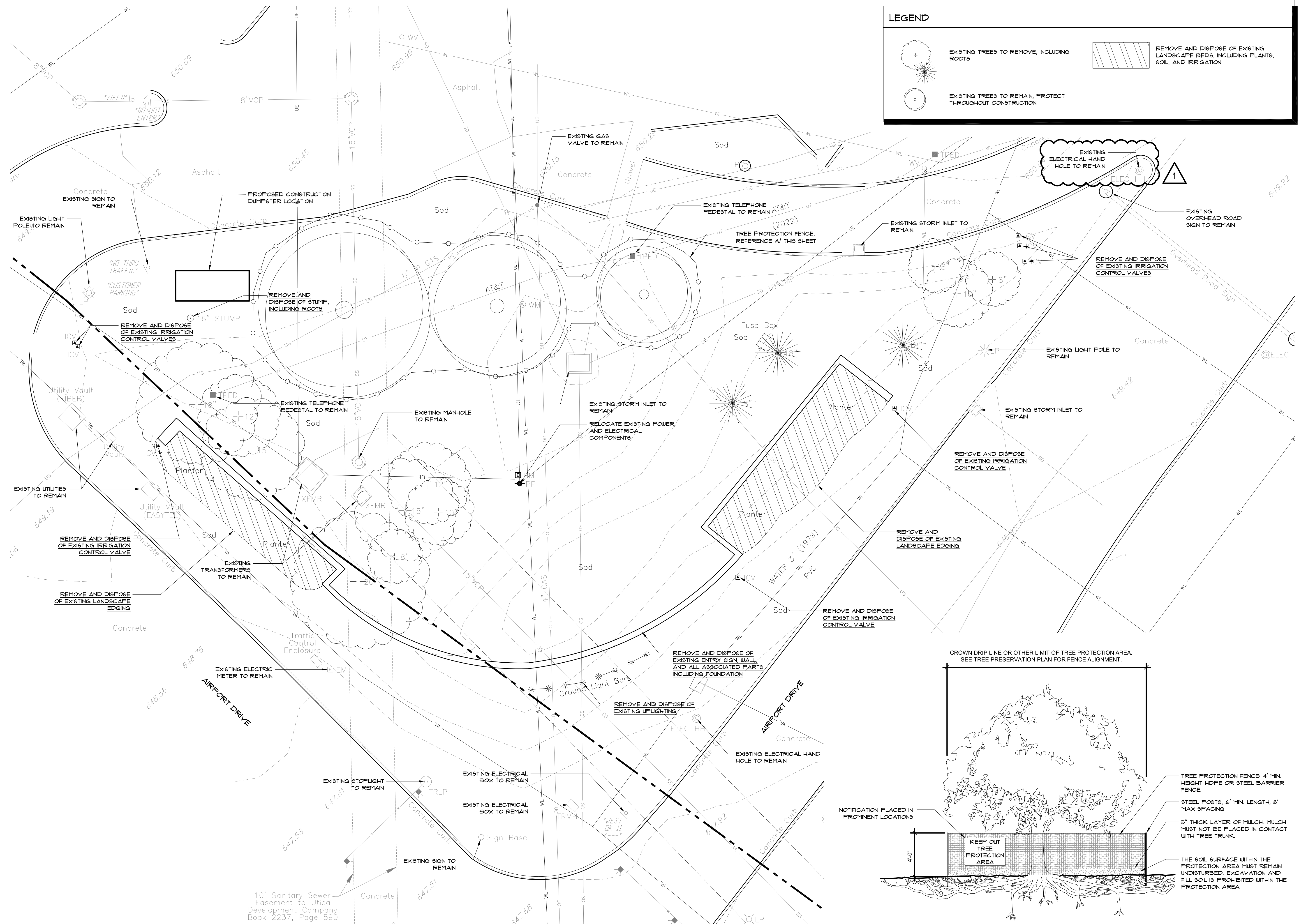


**Tulsa International Airport  
Entrance Sign**

7777 Airport Drive, Tulsa, Oklahoma

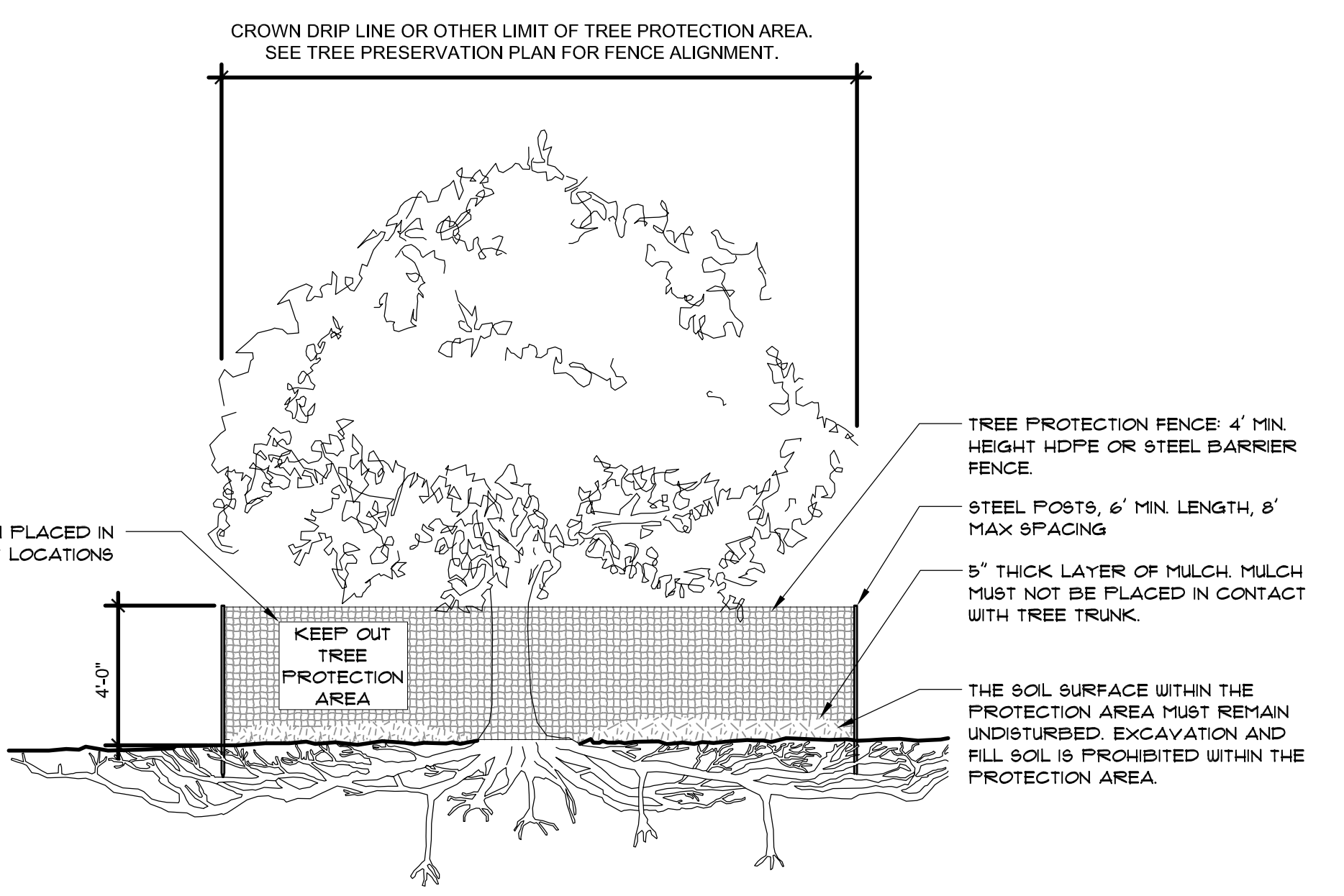
REV	DATE	DESCRIPTION

DATE 5/10/23  
PROJECT NO. 2340347.2  
SHEET NAME  
**TOPO SURVEY**  
SHEET NO. **S1.0**

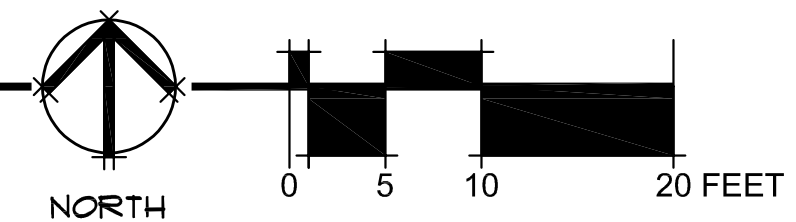


**LEGEND**

- EXISTING TREES TO REMOVE, INCLUDING ROOTS
- EXISTING TREES TO REMAIN, PROTECT THROUGHOUT CONSTRUCTION
- REMOVE AND DISPOSE OF EXISTING LANDSCAPE BEDS, INCLUDING PLANTS, SOIL, AND IRRIGATION



**B DEMOLITION PLAN**  
1" = 10'-0"

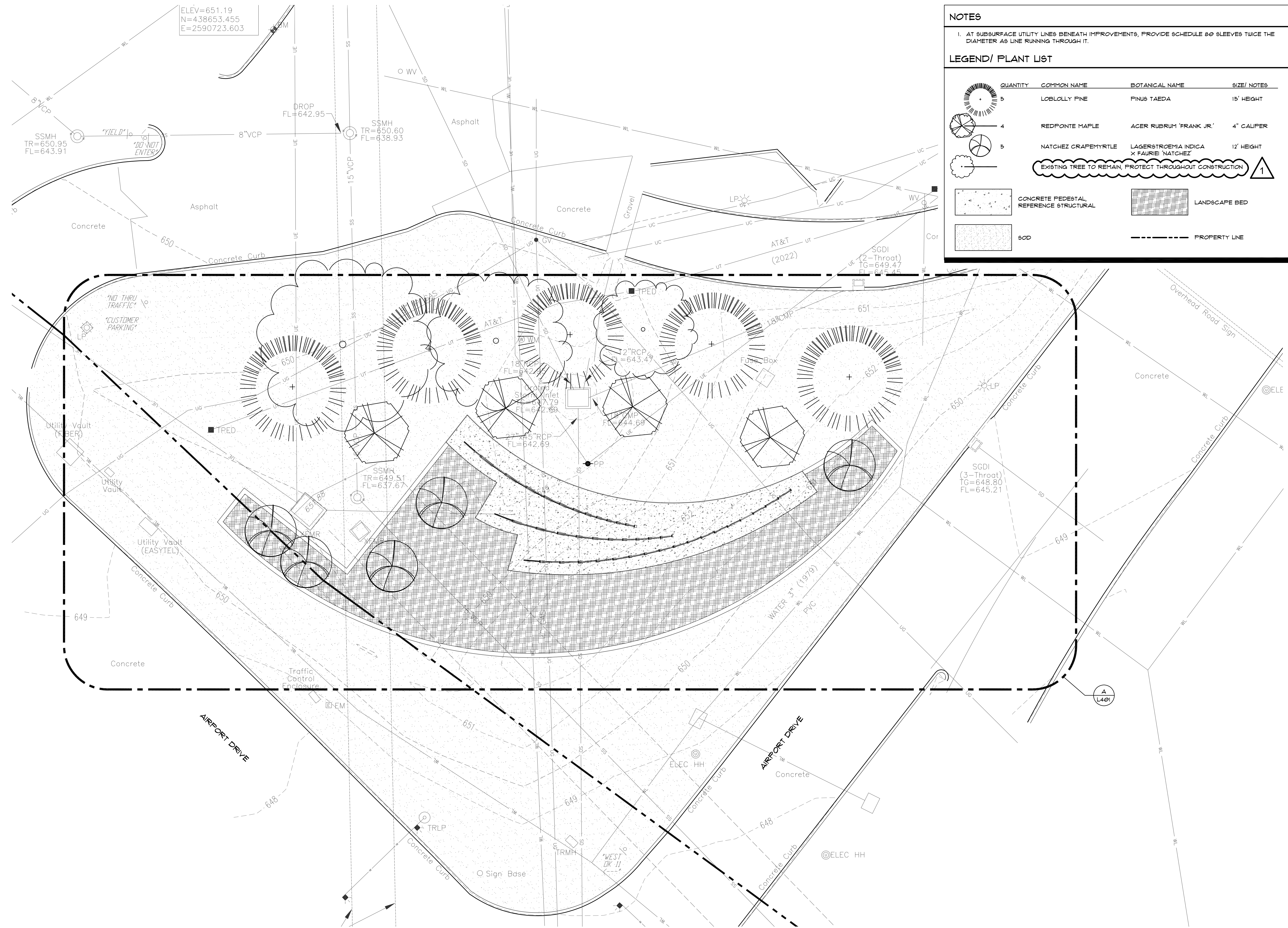


**A TREE PROTECTION DETAIL**  
1/4" = 1'-0"



OTHER ISSUE DATES:

NO.	DESCRIPTION	DATE
1	Addendum 1	10/18/2023



**NOTES**

1. AT SUBSURFACE UTILITY LINES BENEATH IMPROVEMENTS, PROVIDE SCHEDULE 80 SLEEVES TWICE THE DIAMETER AS LINE RUNNING THROUGH IT.

**LEGEND/ PLANT LIST**

QUANTITY	COMMON NAME	BOTANICAL NAME	SIZE/ NOTES
5	LOBLOLLY PINE	PIÑUS TAEDA	15' HEIGHT
4	REDPONTE MAPLE	ACER RUBRUM 'FRANK JR.'	4" CALIPER
5	NATCHEZ CRAPEMYRTLE	LAGERSTROEMIA INDICA X FAURIEI 'NATCHEZ'	12' HEIGHT
EXISTING TREE TO REMAIN, PROTECT THROUGHOUT CONSTRUCTION			1
CONCRETE PEDESTAL, REFERENCE STRUCTURAL		LANDSCAPE BED	
SOD		PROPERTY LINE	



**TUL WAYFINDING**  
7777 Airport Dr, Tulsa, OK 74115

**L101**  
LANDSCAPE PLAN

**GH2 ARCHITECTS**

GH2.COM

GH2 PROJECT NUMBER:  
**20220001**

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**10/03/2023**

ISSUE:  
**CONSTRUCTION DOCUMENTS**

OTHER ISSUE DATES:

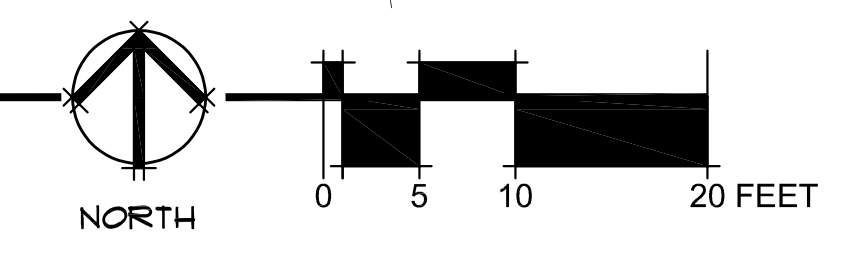
NO.	DESCRIPTION	DATE
1	Addendum 1	10/18/2023

SHEET NAME:  
**LANDSCAPE PLAN**

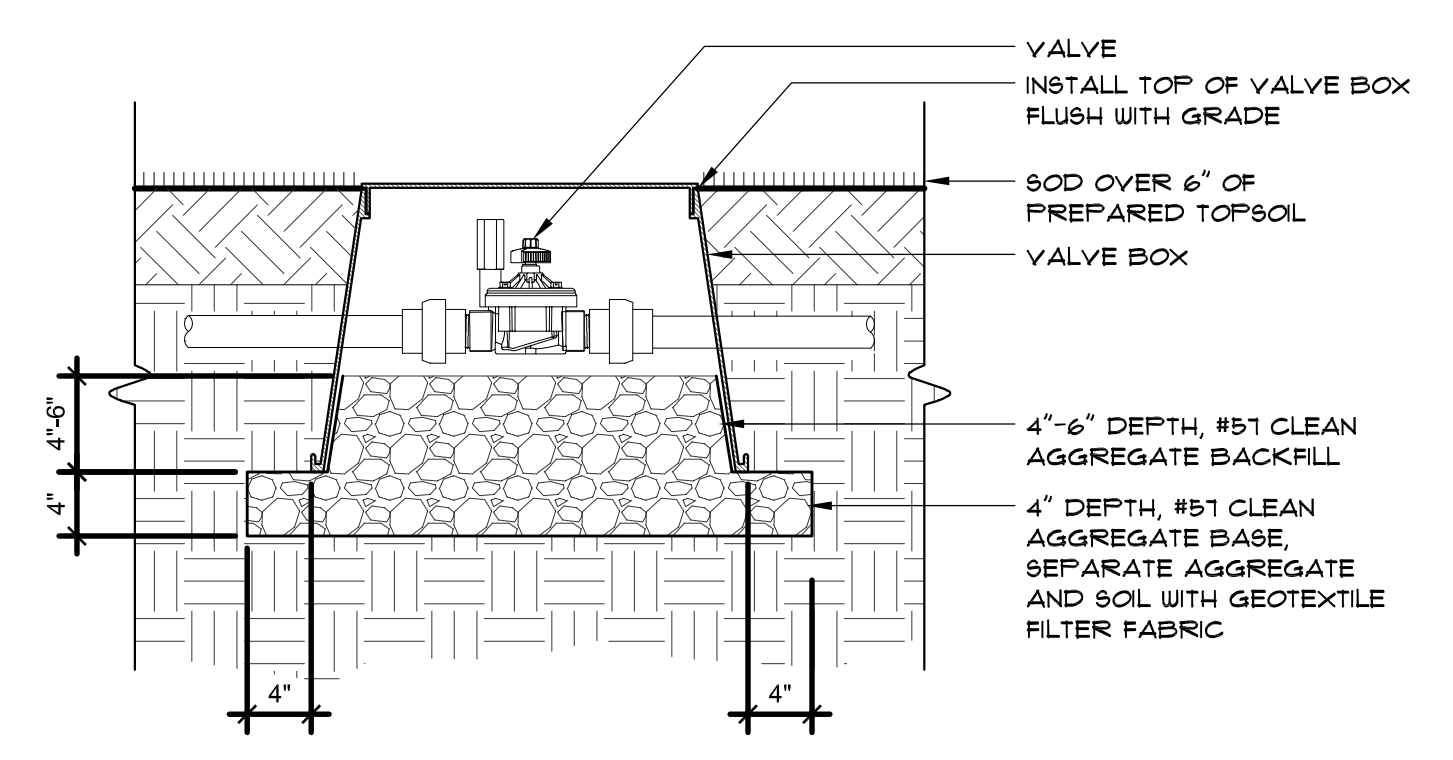
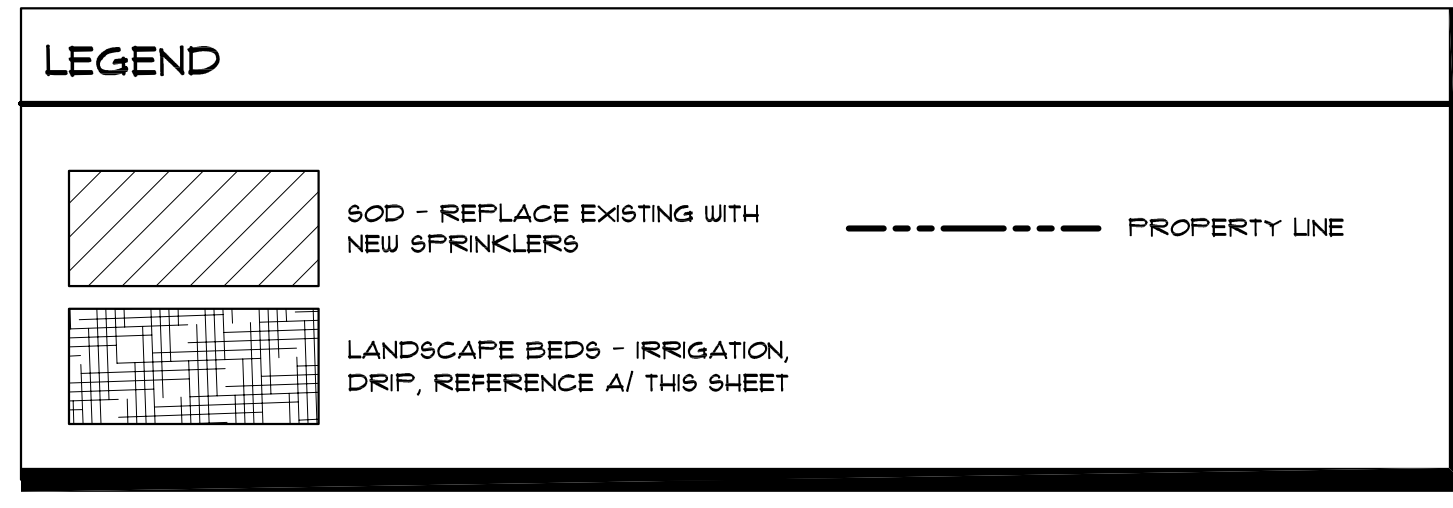
SHEET NUMBER:  
**L101**

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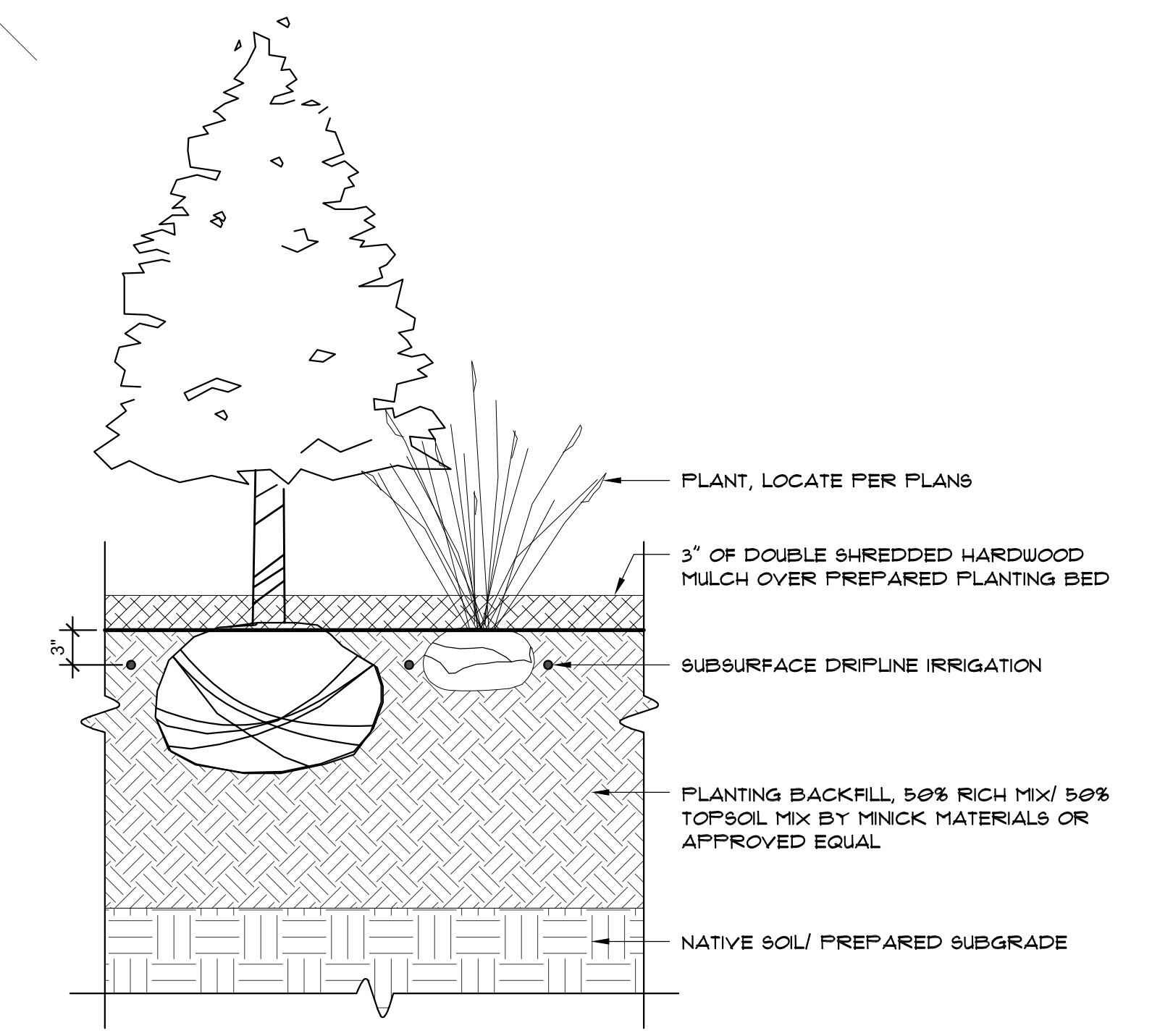
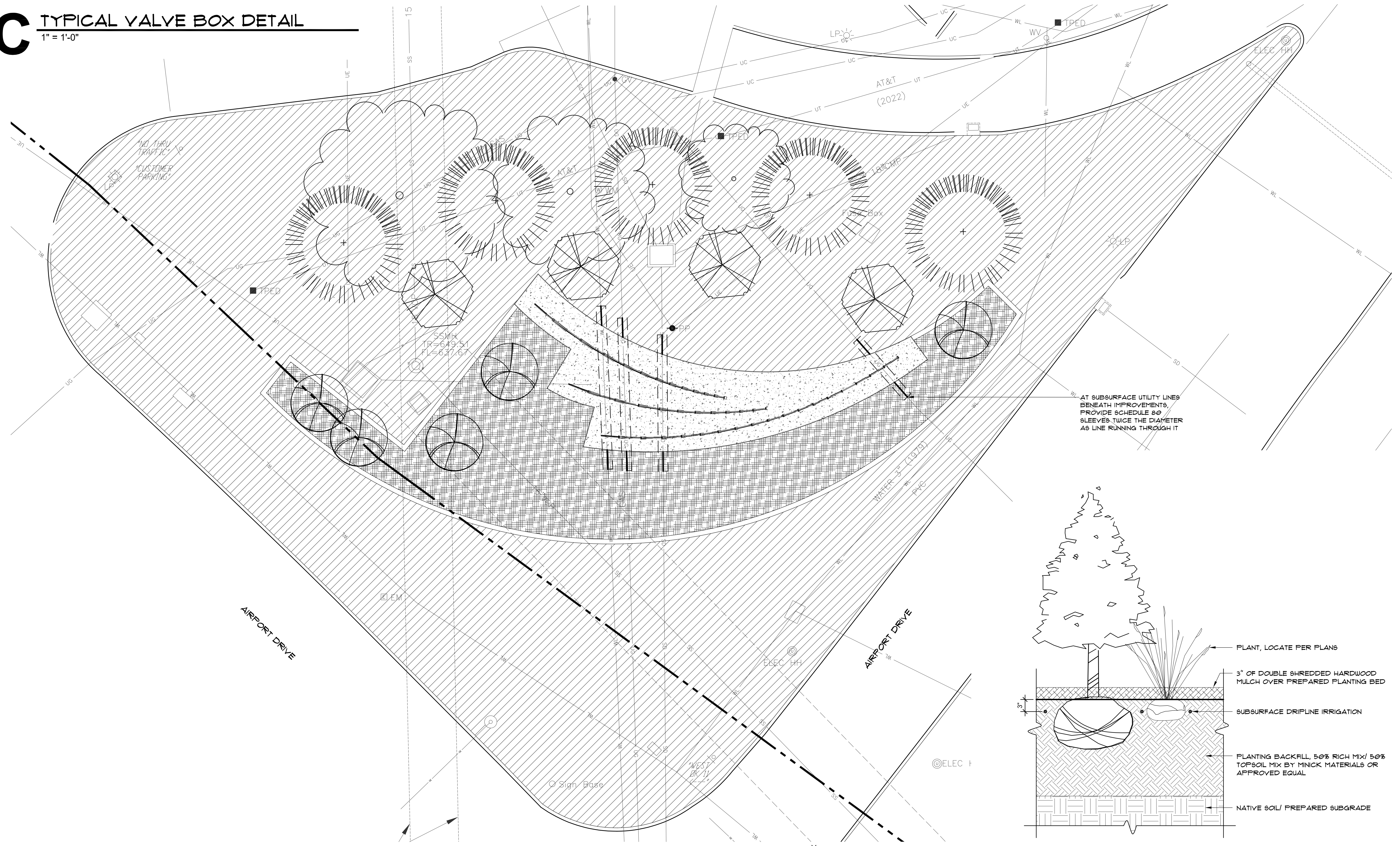
**A** LANDSCAPE PLAN  
1" = 10'-0"



- ### IRRIGATION NOTES
- AREAS TO BE IRRIGATED:
    - LANDSCAPE BED - DRIP IRRIGATION
    - LAWN (SOD) AREAS AND PARKING ISLANDS - SPRINKLERS
  - PROVIDE COMPLETE IRRIGATION SYSTEM PER PERFORMANCE AND MANUFACTURER SPECIFICATIONS.
  - COORDINATE IRRIGATION SYSTEM WITH SITE UTILITIES AND TULSA AIRPORT IMPROVEMENT TRUST (TAIT).
  - FIELD VERIFY EXISTING IRRIGATION MAINLINE LOCATION FOR NEW SYSTEM CONNECTION.
  - REMOVE AND REPLACE EXISTING IRRIGATION AS REQUIRED FOR IMPROVEMENTS.
  - CALCULATE ALL MATERIALS NECESSARY FOR A COMPLETE IRRIGATION SYSTEM.
  - VERIFY THE MINIMUM DYNAMIC WATER PRESSURE AVAILABLE.
  - BENEATH EXISTING TREE DRIP LINES, DIG TRENCHES RADIALLY PERPENDICULAR TO TREE TRUNKS (ON LIE OF ACROSS ROOTS), BORE BENEATH EXISTING TREE DRIFLINE IF 'ACROSS ROOTS' LOCATION IS REQUIRED TO PERFORM WORK.
  - IMMEDIATELY CONSULT WITH THE LANDSCAPE ARCHITECT WHENEVER THERE IS A CONFLICT BETWEEN ANY OF THE ABOVE STATED ITEMS.
  - FINE GRADE AND SOD AREAS DISTURBED BY CONSTRUCTION.

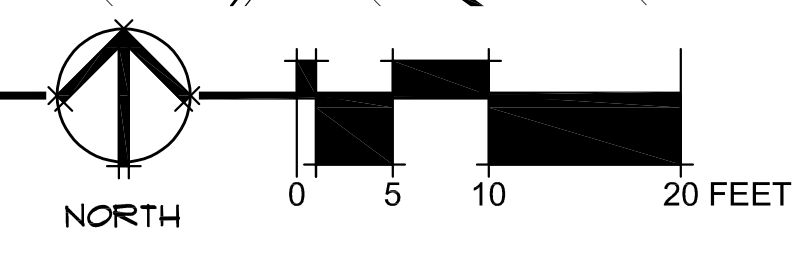


**C** TYPICAL VALVE BOX DETAIL  
1" = 1'-0"



**A** SUBSURFACE DRIFLINE DETAIL  
SCALE: 1" = 1'-0"

**B** IRRIGATION KEY PLAN  
1" = 10'-0"





### TUL WAYFINDING

7777 Airport Dr, Tulsa, OK 74115

### L301

GRADING PLAN

**GH2 ARCHITECTS**

GH2.COM

GH2 PROJECT NUMBER:  
**20220001**

ISSUE DATE:  
**10/03/2023**

ISSUE:  
**CONSTRUCTION DOCUMENTS**

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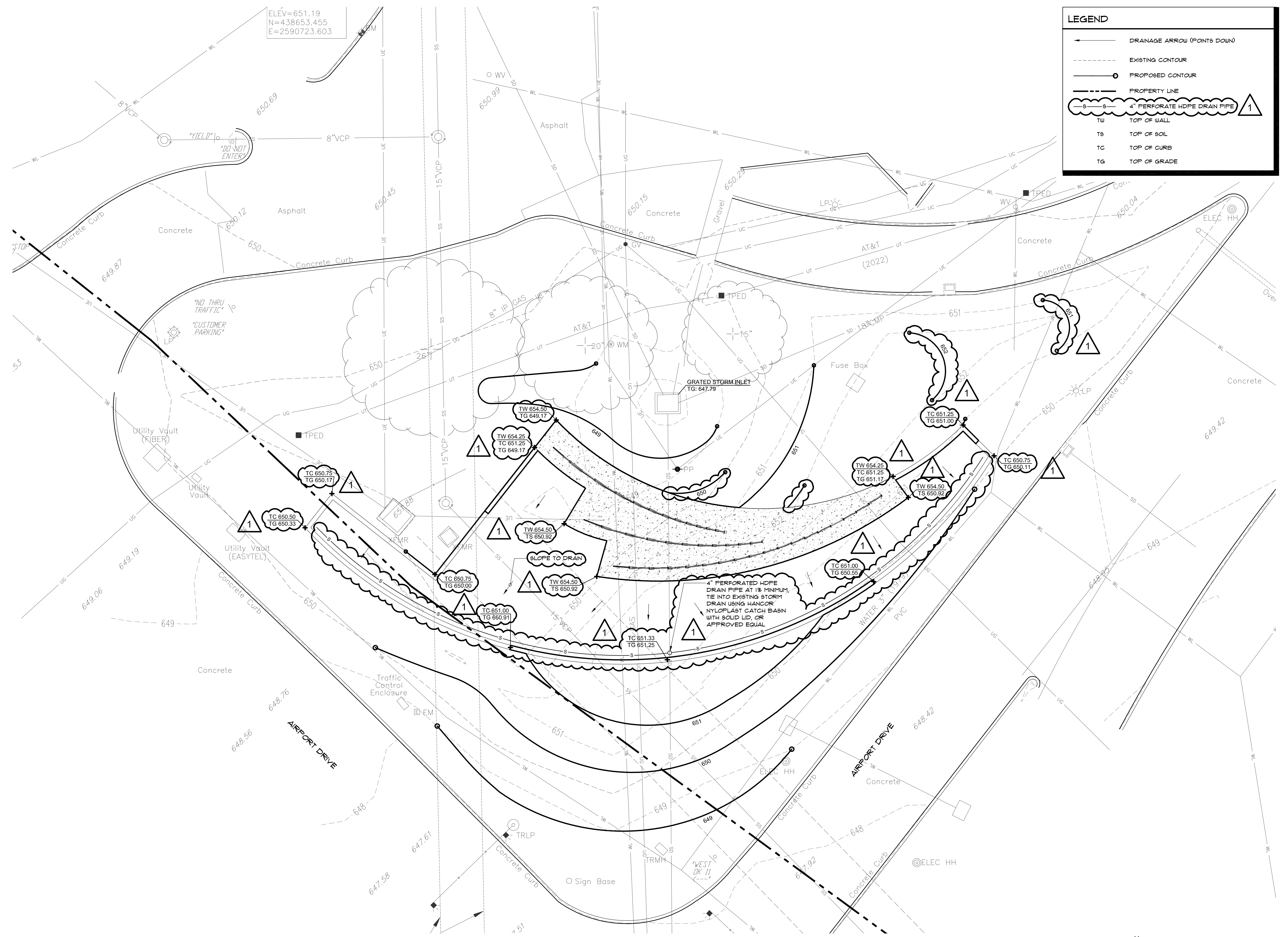
SHEET NAME:  
**GRADING PLAN**

SHEET NUMBER:  
**L301**

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**LEGEND**

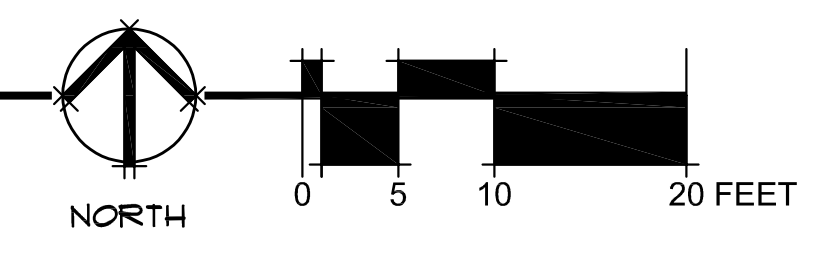
- DRAINAGE ARROW (POINTS DOWN)
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPERTY LINE
- 4" PERFORATE HDPE DRAIN PIPE
- TW TOP OF WALL
- TS TOP OF SOIL
- TC TOP OF CURB
- TG TOP OF GRADE



# A

## GRADING PLAN

1" = 10'-0"





**TUL WAYFINDING**  
7777 Airport Dr, Tulsa, OK 74115

**L302**  
LAYOUT AND DIMENSION PLAN

**GH2 ARCHITECTS**

GH2.COM

GH2 PROJECT NUMBER:  
**20220001**

ISSUE DATE:  
**10/03/2023**

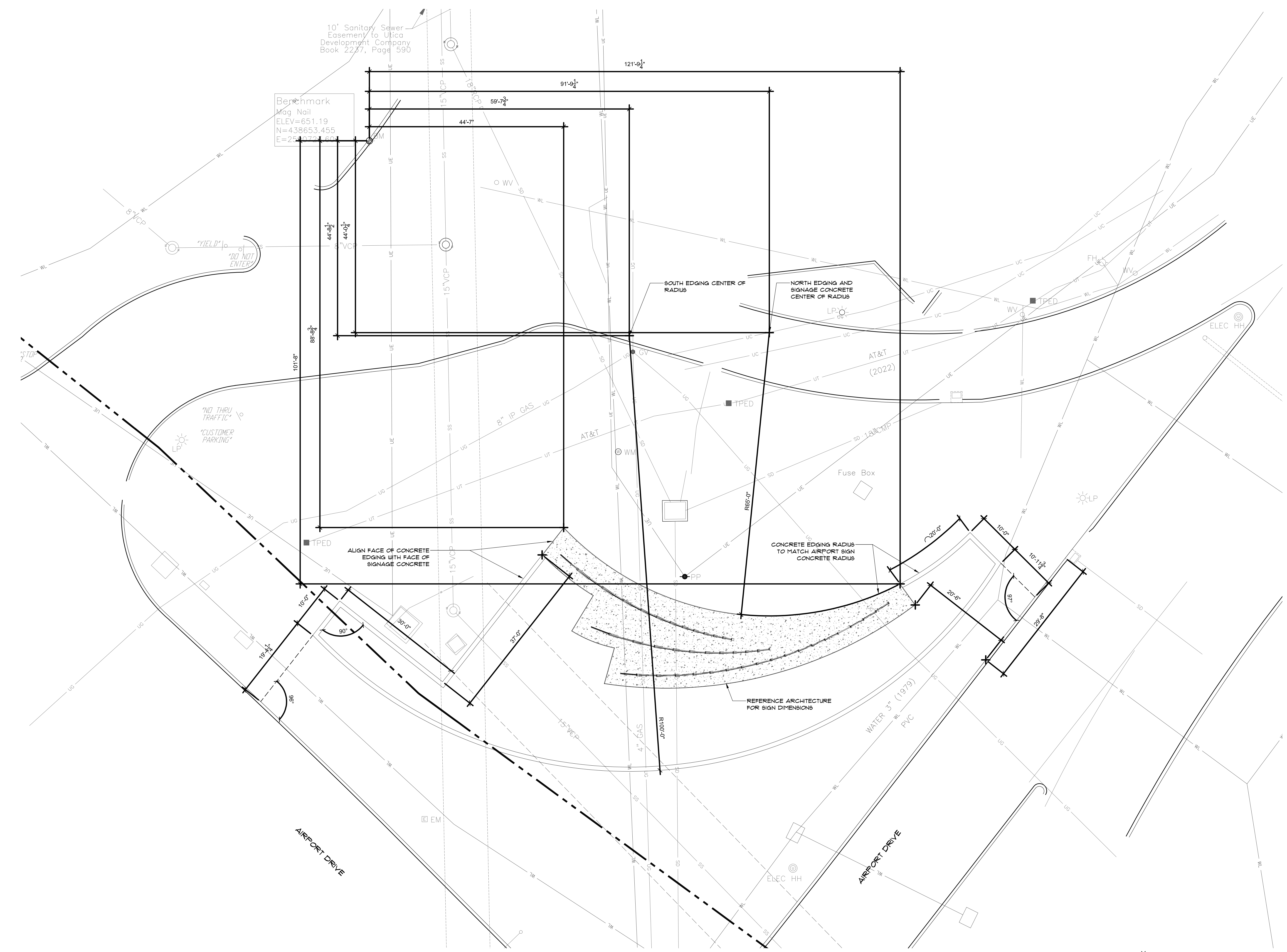
ISSUE:  
**CONSTRUCTION DOCUMENTS**

OTHER ISSUE DATES:	NO.	DESCRIPTION	DATE
	1	Addendum 1	10/18/2023

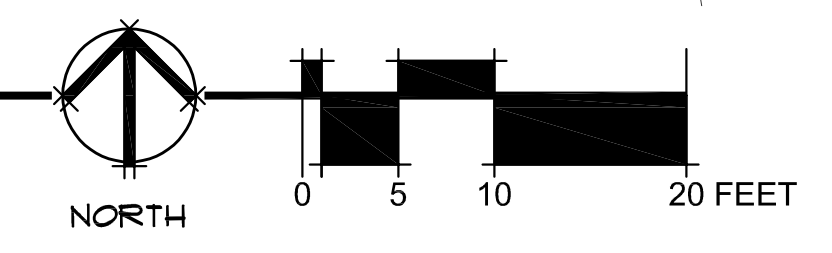
SHEET NAME:  
**LAYOUT AND DIMENSION PLAN**

SHEET NUMBER:  
**L302**

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**A** LAYOUT AND DIMENSION PLAN  
1" = 10'-0"





**TUL WAYFINDING**  
7777 Airport Dr, Tulsa, OK 74115

**L401**  
PLANTING PLAN

**GH2 ARCHITECTS**

GH2.COM

GH2 PROJECT NUMBER:  
**20220001**

ISSUE DATE:  
**10/03/2023**

ISSUE:  
**CONSTRUCTION DOCUMENTS**

NO.	DESCRIPTION	DATE
1	Addendum 1	10/18/2023

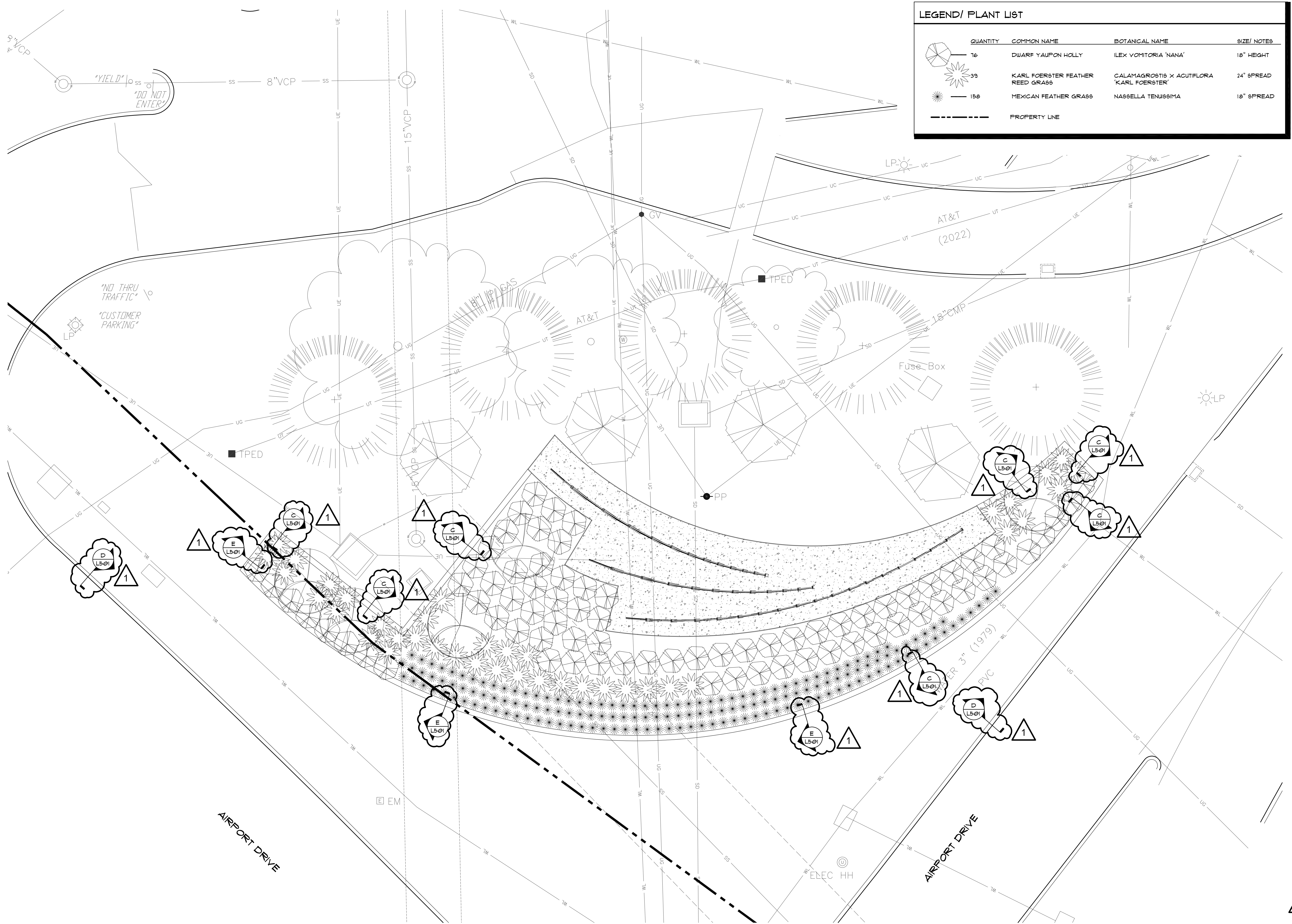
**PLANTING PLAN**

SHEET NUMBER:

**L401**

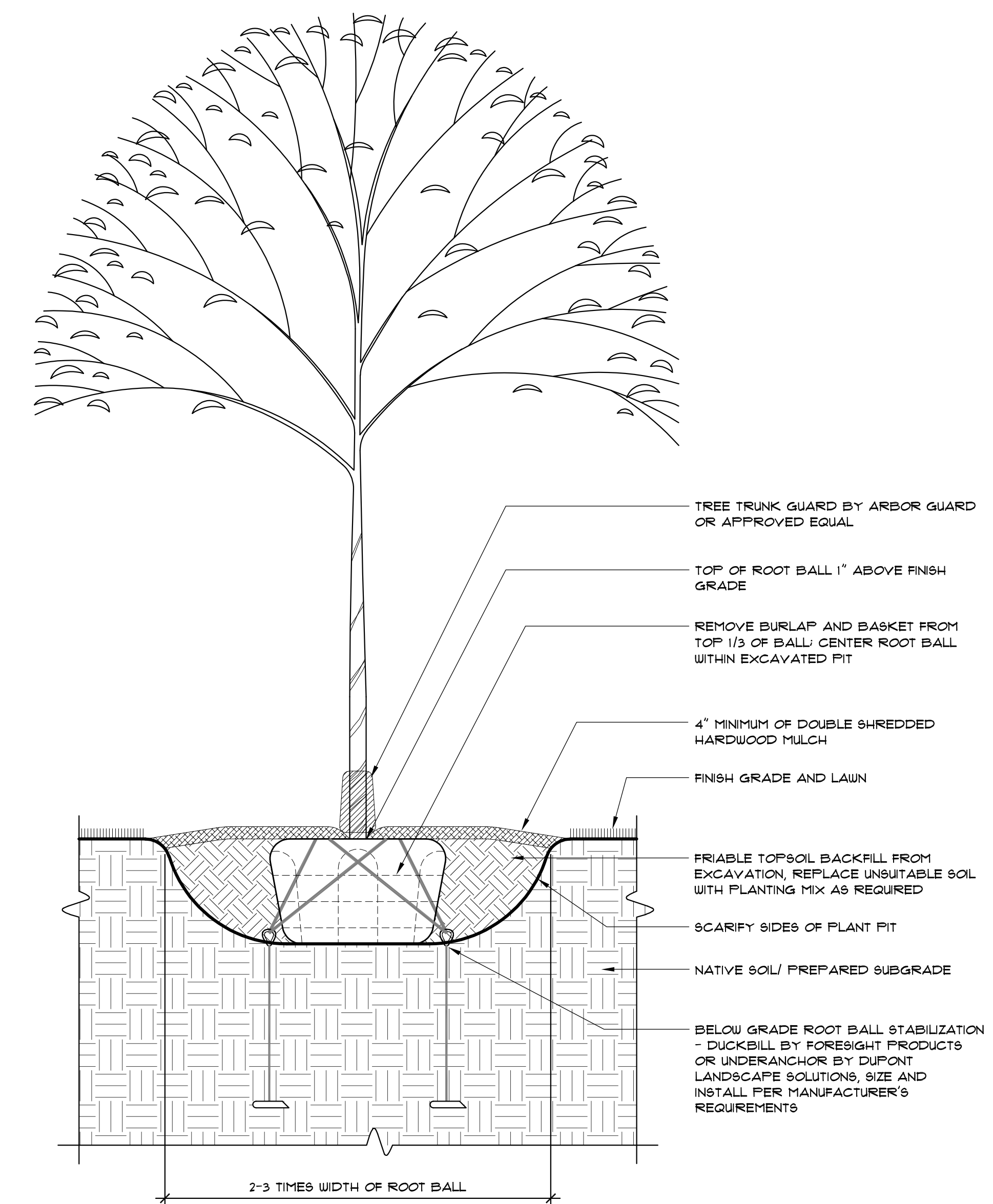
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QUANTITY	COMMON NAME	BOTANICAL NAME	SIZE/ NOTES
76	DWARF YAUPON HOLLY	ILEX VOMITORIA 'NANA'	18" HEIGHT
39	KARL FOERSTER FEATHER REED GRASS	CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER'	24" SPREAD
158	MEXICAN FEATHER GRASS	NASSELLA TENUSSIMA	18" SPREAD
- - - - - PROPERTY LINE			

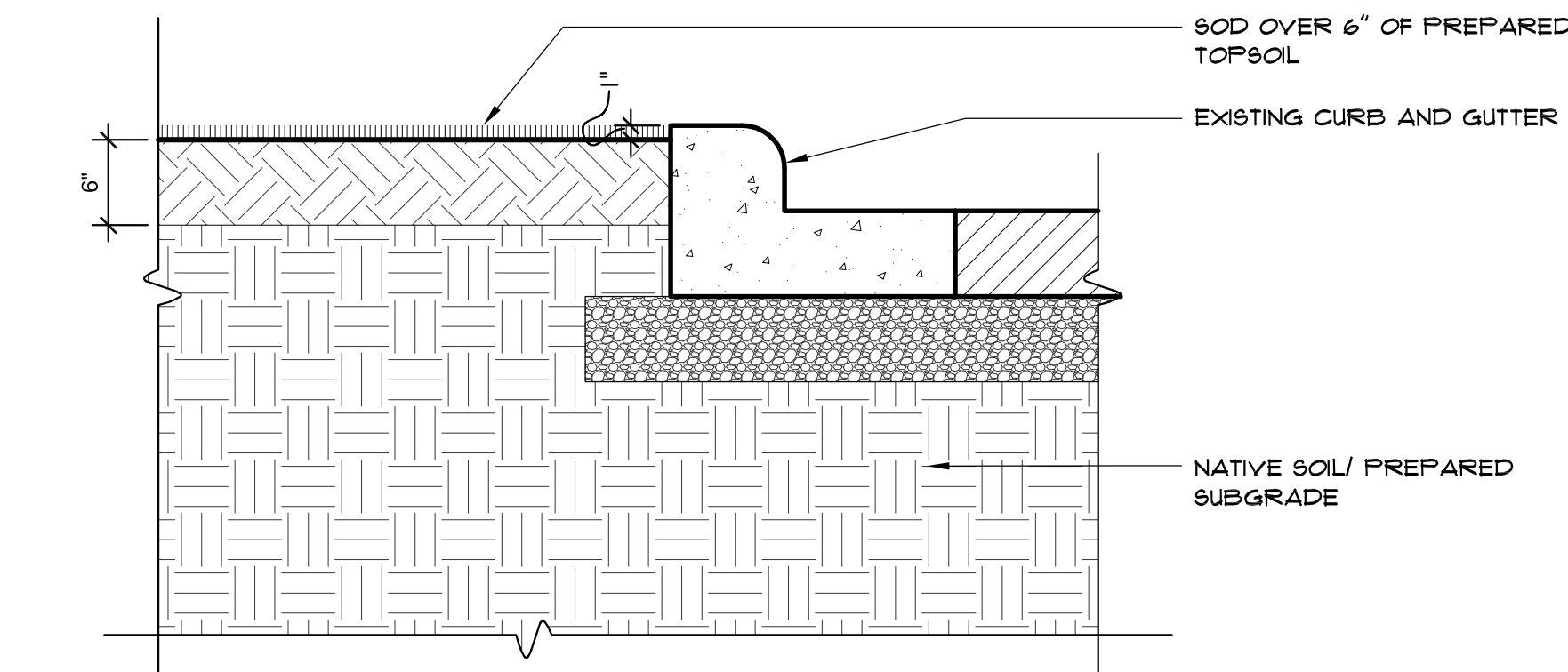


**A** **PLANTING PLAN**  
1/8" = 1'-0"

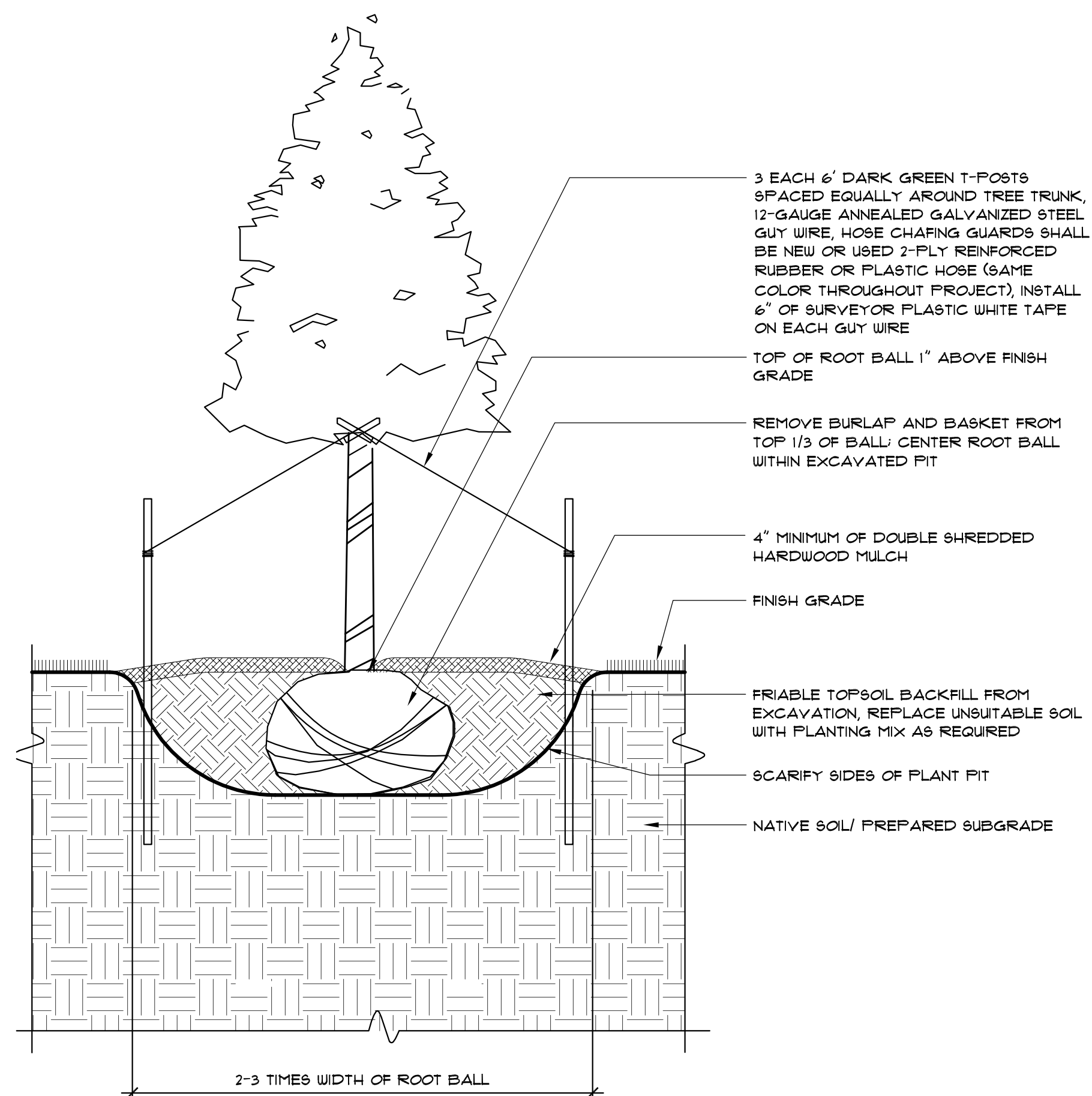




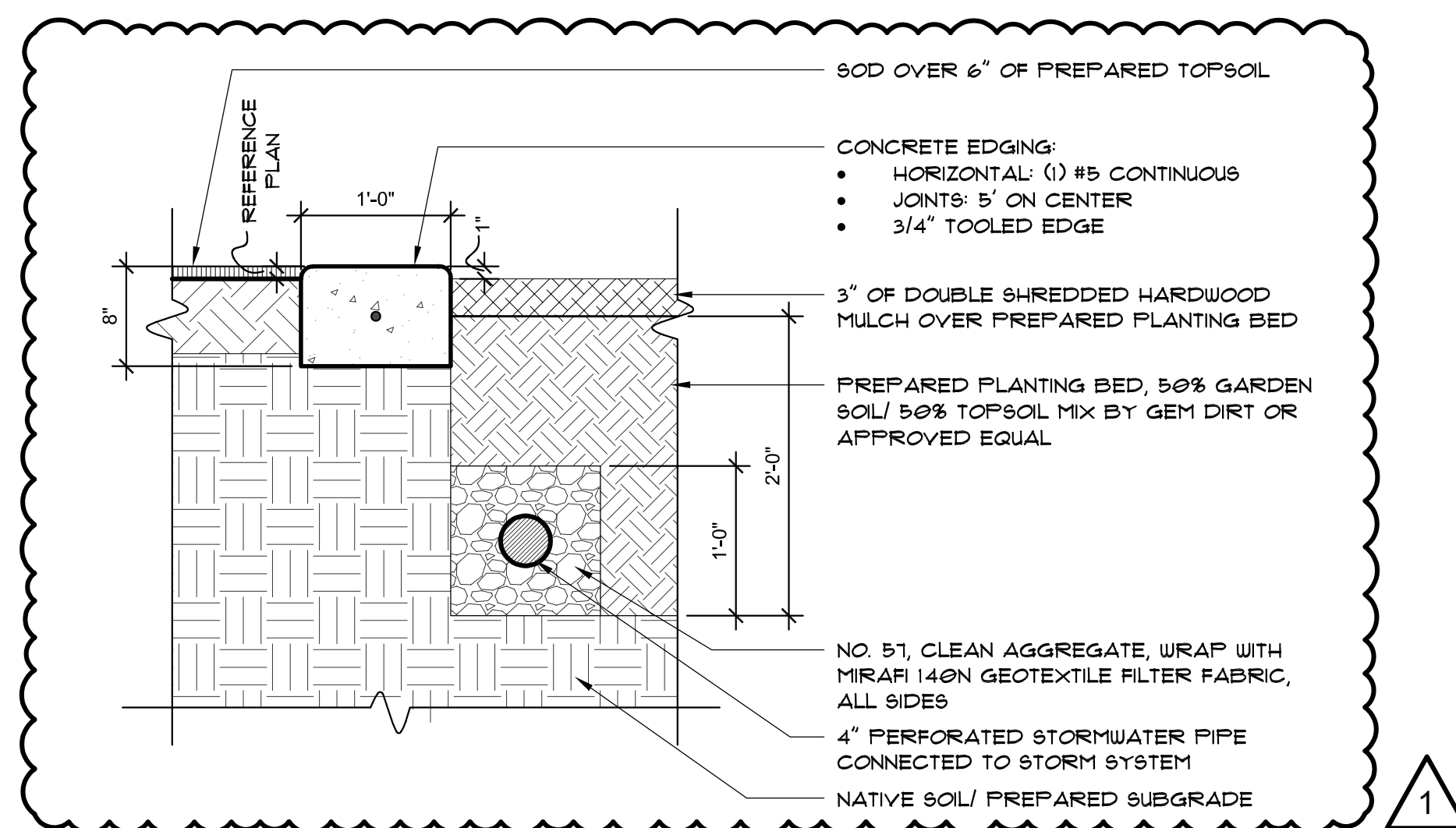
**A** DECIDUOUS TREE PLANTING DETAIL  
SCALE: 1/2" = 1'-0"



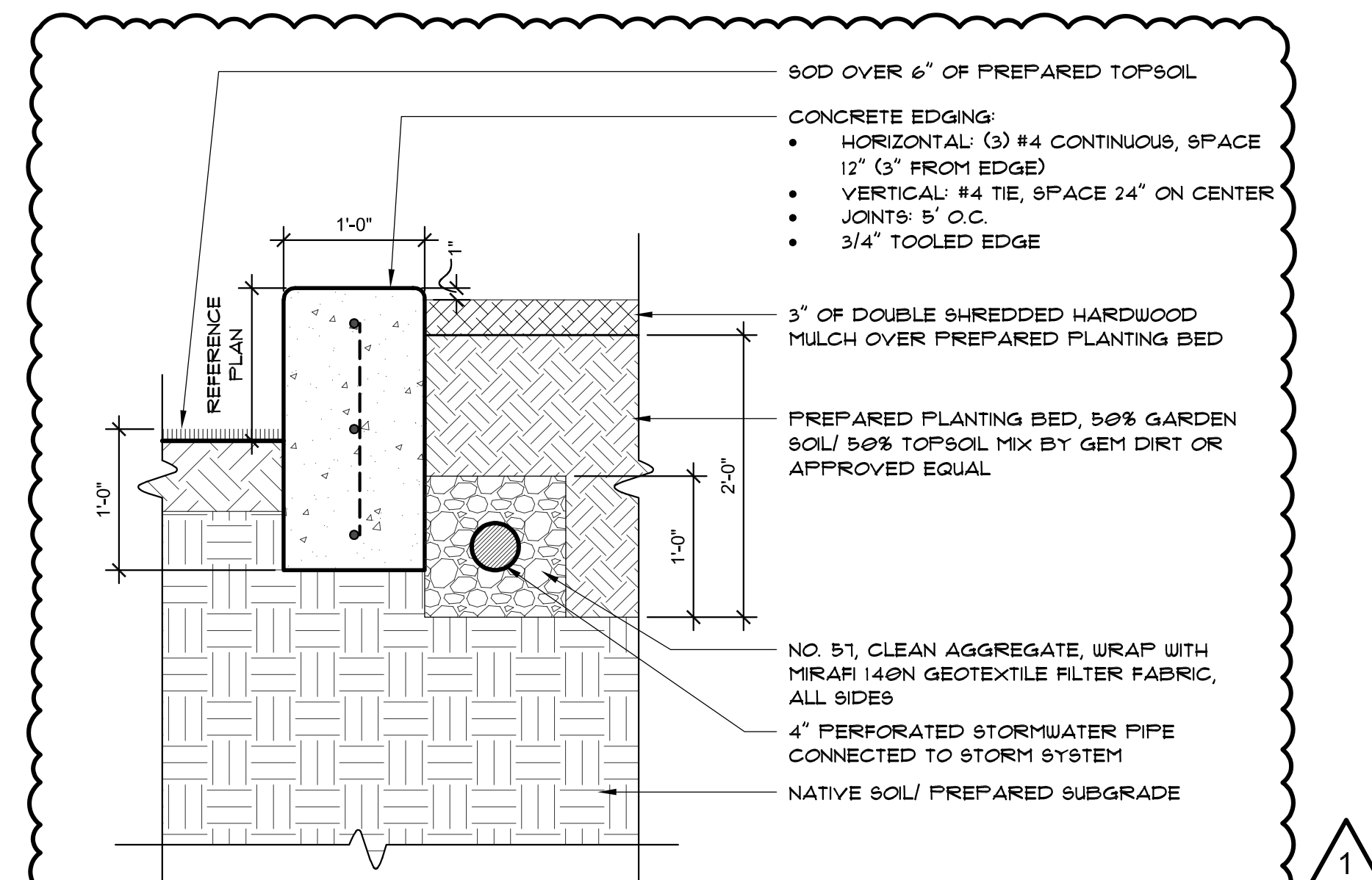
**D** SOD AT CURB DETAIL  
SCALE: 1" = 1'-0"



**B** EVERGREEN TREE PLANTING DETAIL  
SCALE: 1/2" = 1'-0"

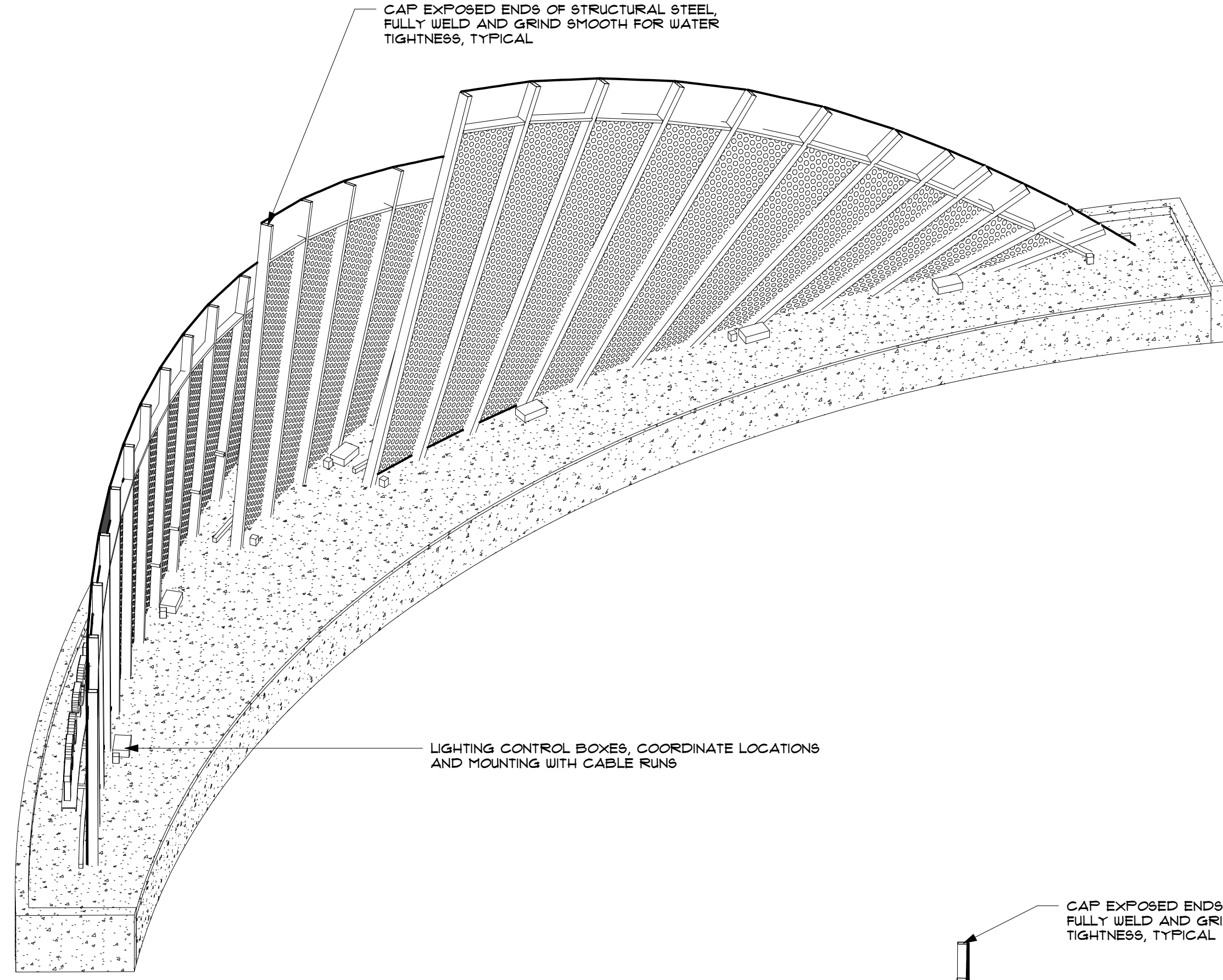


**E** CONCRETE EDGING DETAIL AT LANDSCAPE BED  
SCALE: 1" = 1'-0"

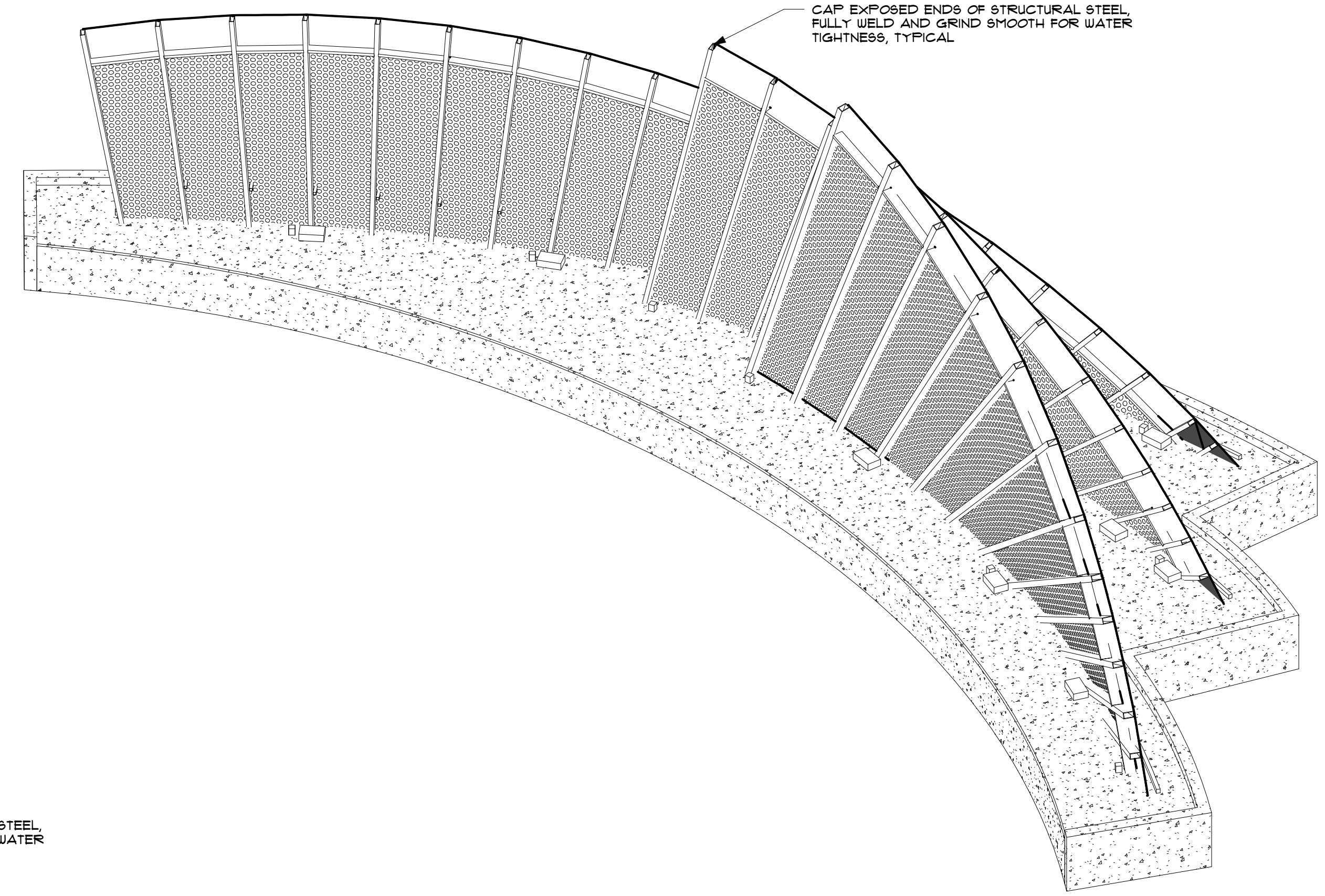


**C** ELEVATED CONCRETE EDGING DETAIL AT LANDSCAPE BED  
SCALE: 1" = 1'-0"

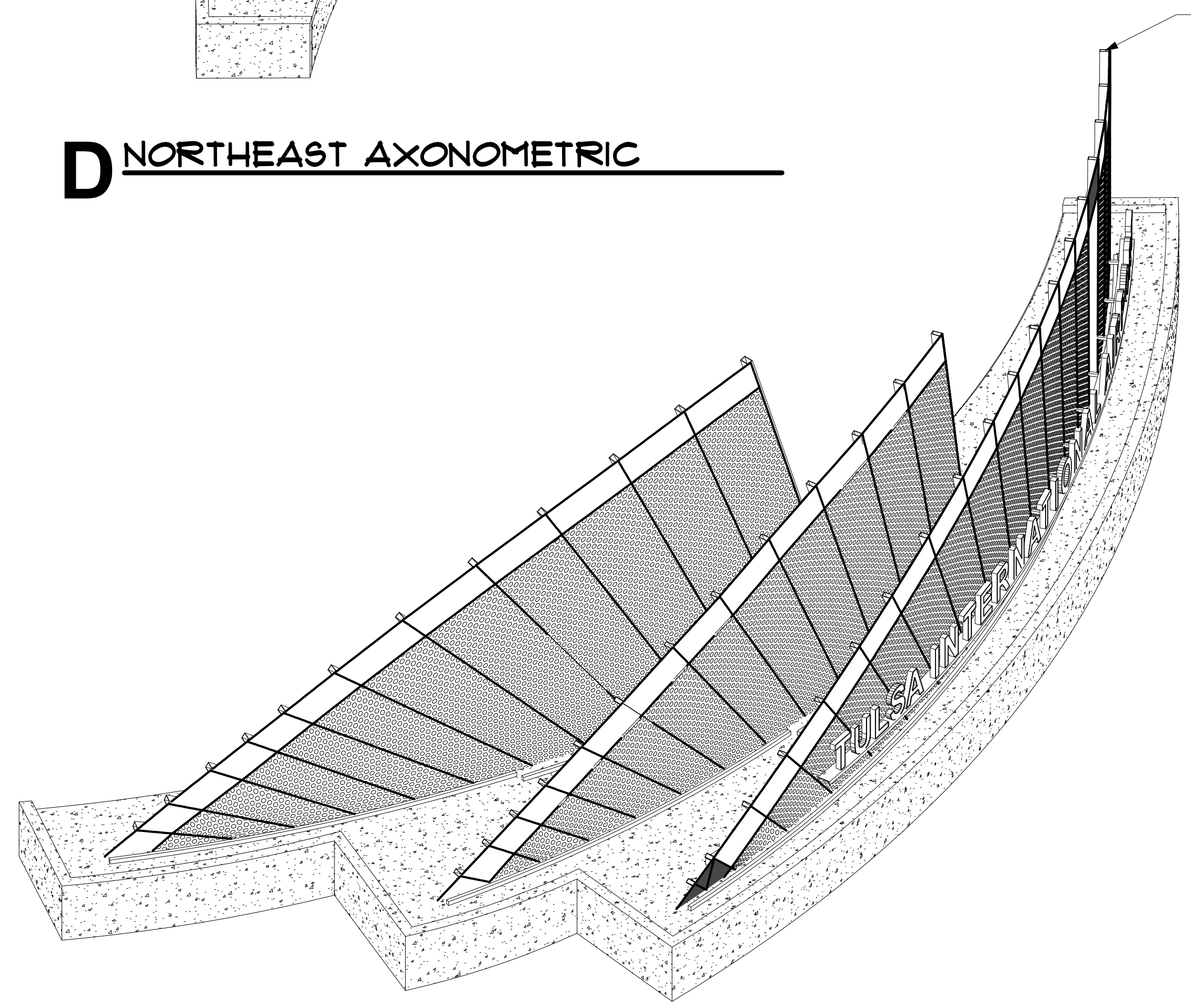




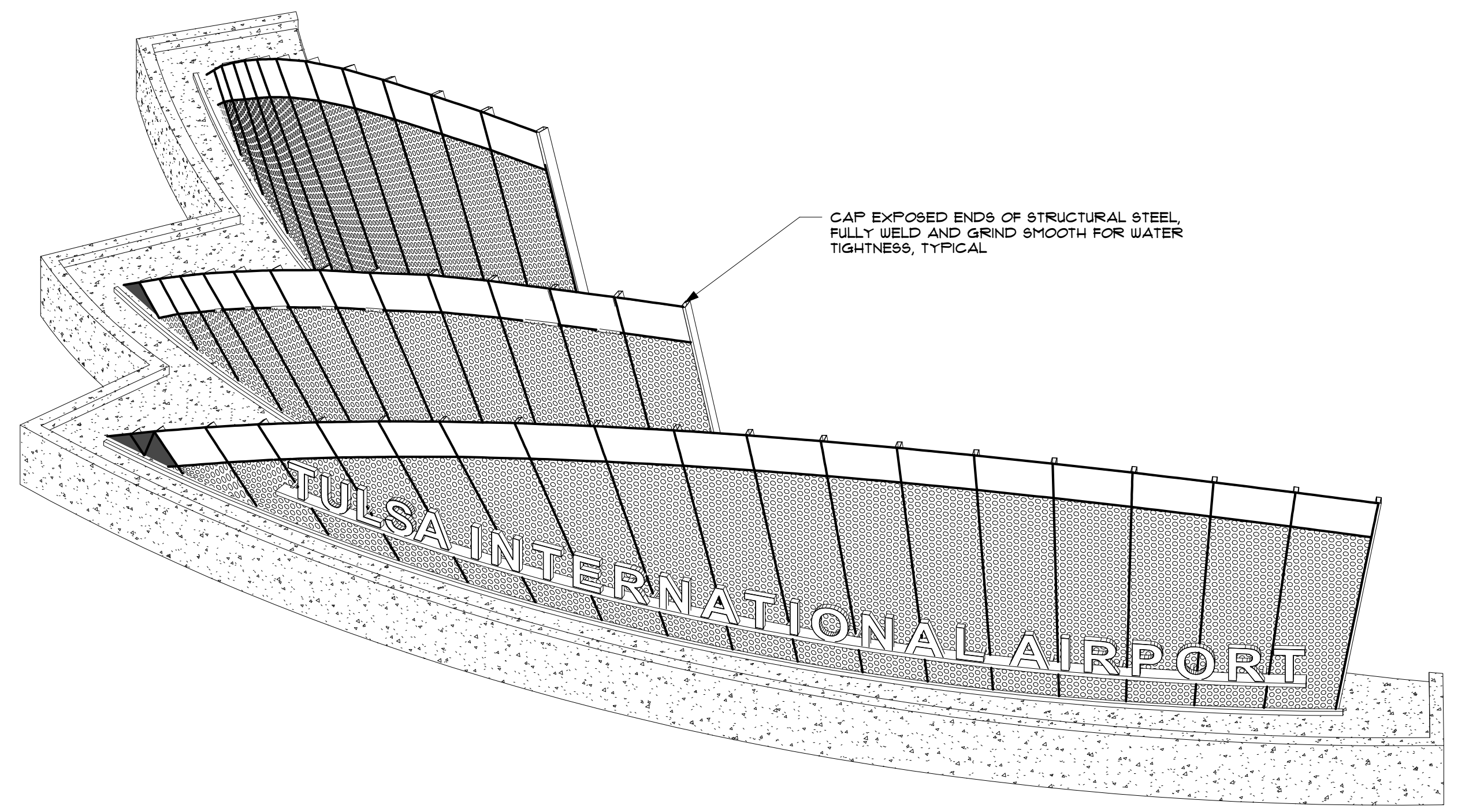
**D** NORTHEAST AXONOMETRIC



**C** NORTHWEST AXONOMETRIC



**B** SOUTHWEST AXONOMETRIC



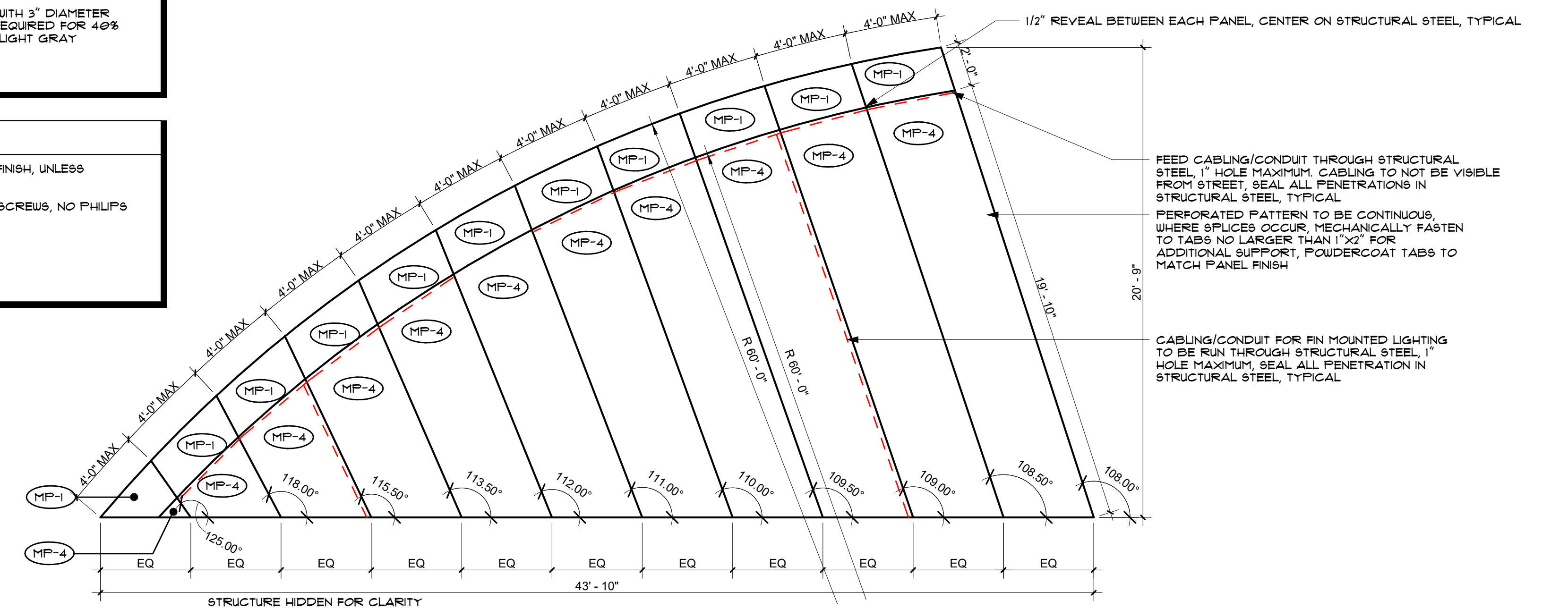
**A** SOUTHEAST AXONOMETRIC

**EXTERIOR MATERIAL LEGEND**

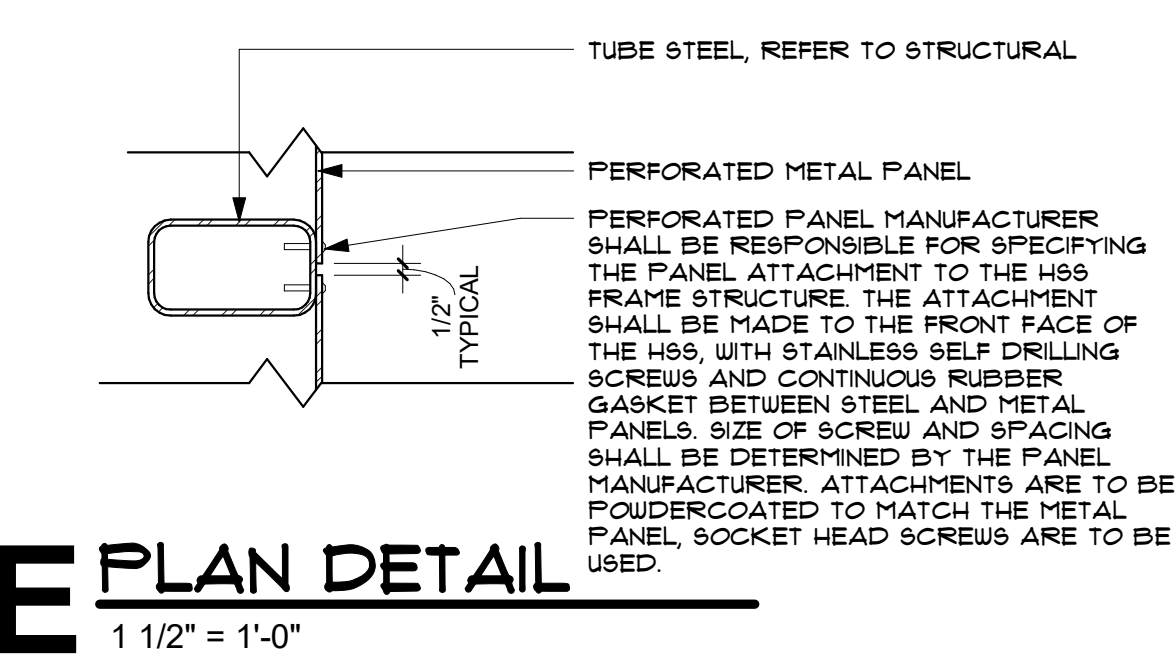
- PERFORATED METAL PANELS - MP**
- MP-1** MONCHOLS & GAUGE PERFORATED METAL PANEL WITH 3/8" DIAMETER STAGGERED ROUND PERFORATIONS SPACED AS REQUIRED FOR 30% OPENNESS, POWDERCOATED TO MATCH RAL 1035 LIGHT GRAY
  - MP-2** MONCHOLS & GAUGE PERFORATED METAL PANEL WITH 2" DIAMETER STAGGERED ROUND PERFORATIONS SPACED AS REQUIRED FOR 40% OPENNESS, POWDERCOATED TO MATCH RAL 1035 LIGHT GRAY
  - MP-3** MONCHOLS & GAUGE PERFORATED METAL PANEL WITH 2.5" DIAMETER STAGGERED ROUND PERFORATIONS SPACED AS REQUIRED FOR 40% OPENNESS, POWDERCOATED TO MATCH RAL 1035 LIGHT GRAY
  - MP-4** MONCHOLS & GAUGE PERFORATED METAL PANEL WITH 3" DIAMETER STAGGERED ROUND PERFORATIONS SPACED AS REQUIRED FOR 40% OPENNESS, POWDERCOATED TO MATCH RAL 1035 LIGHT GRAY

**GENERAL NOTES**

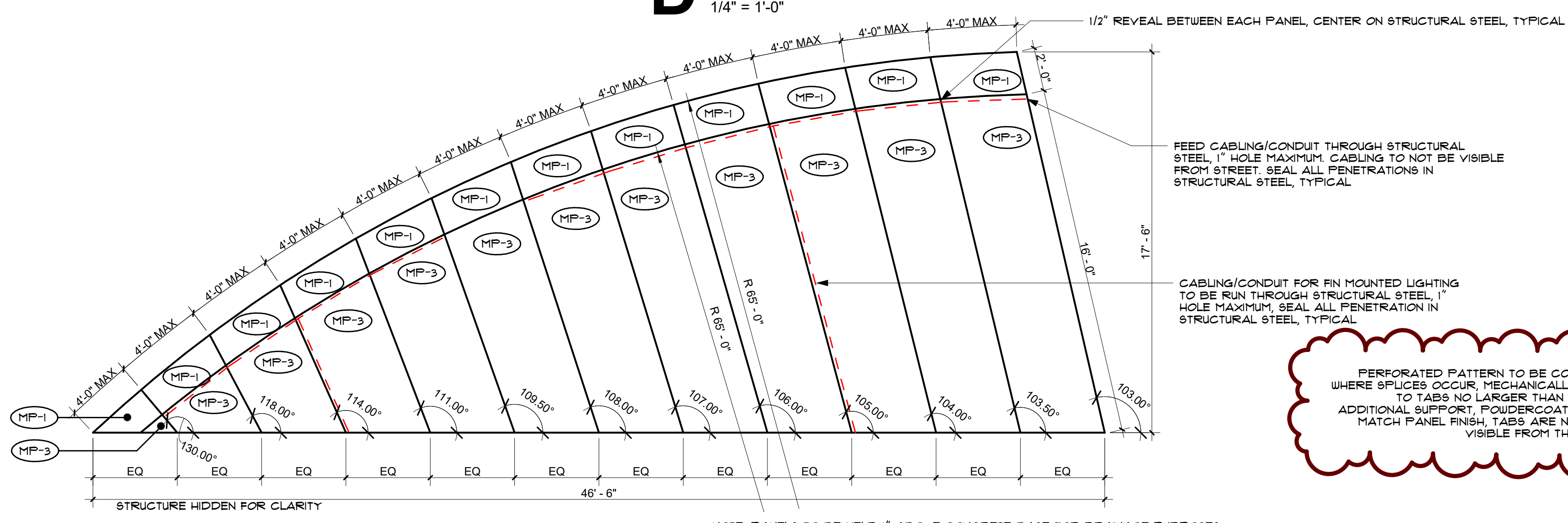
1. ALL EXTERIOR DIMENSIONS ARE FROM FACE OF EXTERIOR FINISH, UNLESS NOTED OTHERWISE.
2. ALL EXPOSED FASTENERS TO BE SOCKET HEAD OR TORX SCREWS, NO PHILIP HEAD OR FLAT HEAD SCREWS ARE TO BE USED.



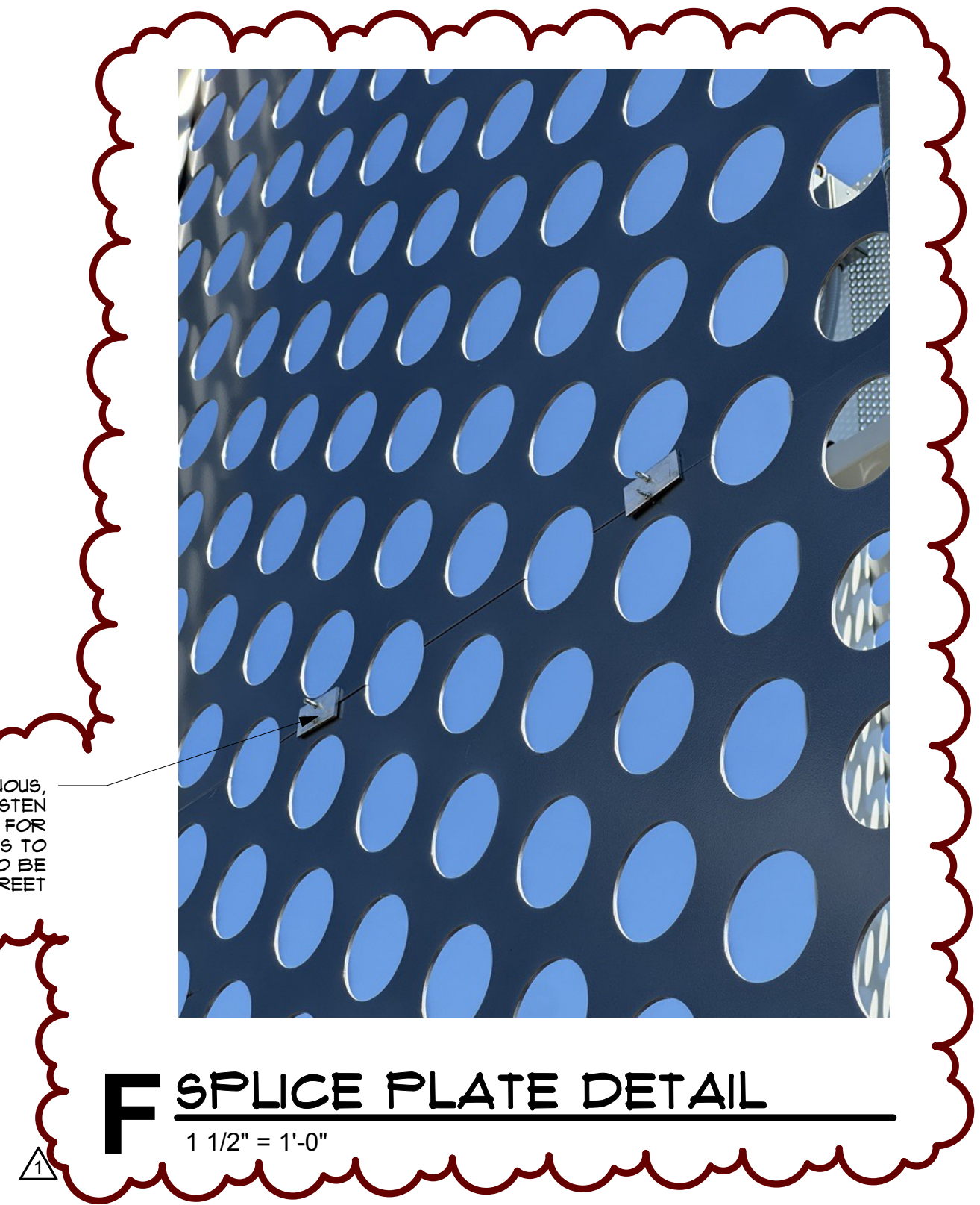
**D** **FLATTENED ELEVATION - BACK FIN**  
1/4" = 1'-0"



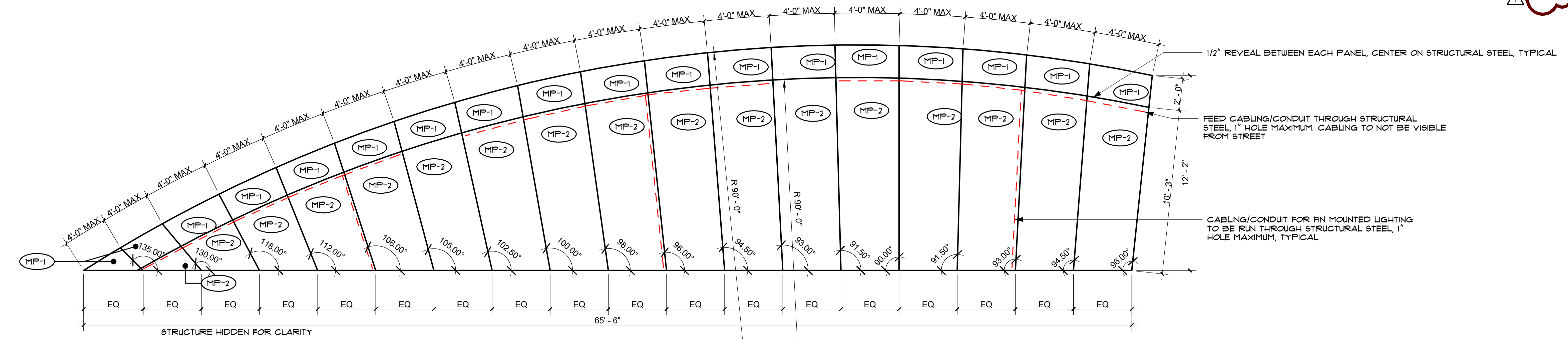
**E** **PLAN DETAIL**  
1 1/2" = 1'-0"



**C** **FLATTENED ELEVATION - MIDDLE FIN**  
1/4" = 1'-0"



**F** **SPLICE PLATE DETAIL**  
1 1/2" = 1'-0"



**B** **FLATTENED ELEVATION - FRONT FIN**  
1/4" = 1'-0"



**TUL ENTRY SIGNAGE**

7777 Airport Dr, Tulsa, OK 74115

**A103**  
DETAILS

**GH2 ARCHITECTS**

GH2.COM

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ISSUE:  
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NO.	DESCRIPTION	DATE
1	Addendum 1	10/18/2023

SHEET NAME:  
**DETAILS**

SHEET NUMBER:  
**A103**

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GENERAL

- 1. CODES
A. GOVERNING BUILDING CODE FOR DESIGN OF SIGN STRUCTURE IS THE 2018 EDITION OF THE INTERNATIONAL BUILDING CODE.
B. REFERENCES TO NATIONAL STANDARDS/CODES SHALL BE TO EDITION ADOPTED BY GOVERNING BUILDING CODE REFERENCED HEREIN.
C. REVIEW(ED) INDICATES REVIEW(ED) AND COMMENTED BY ARCHITECT/ENGINEER IN WRITING.
2. CONTRACT DOCUMENTS
A. FOLLOWING NOTES ARE APPLICABLE TO CONTRACT DOCUMENTS.
B. USE STRUCTURAL DRAWINGS IN CONJUNCTION WITH COMPLETED CONTRACT DOCUMENTS, INCLUDING SPECIFICATIONS.
C. CONSTRUCT WORK NOT FULLY INDICATED OR SPECIFIED IN CONTRACT DOCUMENTS IN SAME MANNER AS INDICATED OR SPECIFIED IN SIMILAR CONDITIONS.
D. REPORT ANY DISCREPANCY BETWEEN DISCIPLINE DRAWINGS TO ARCHITECT/ENGINEER PRIOR TO FABRICATIONS/ERECTION OF ANY MEMBERS.
E. USE ONLY DIMENSIONS INDICATED ON DRAWINGS.
F. CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS AND METHODS, SITE SAFETY, AND PERMITS.
G. ARCHITECT/ENGINEER IS NOT RESPONSIBLE FOR CONTRACTOR'S FAILURE TO PERFORM WORK AND SERVICES REQUIRED ON PROJECT.
H. STRUCTURE HAS BEEN DESIGNED IN ITS COMPLETED FORM FOR IMPOSED LOADS AS REQUIRED BY CODE AND AS INDICATED.

DESIGN CRITERIA

- 1. MAIN WIND FORCE RESISTING SYSTEM:
A. BASIC 3 SECOND GUST WIND SPEED V = 108 MPH
B. EXPOSURE CATEGORY = C
C. WIND IMPORTANCE CATEGORY IW = 1.0
2. SEISMIC CRITERIA:
A. SEISMIC IMPORTANCE FACTOR Ie = 1.0
B. RISK CATEGORY = II
C. MAPPED 0.2 SECOND SPECTRAL RESPONSE ACCELERATION Ss = .127
D. MAPPED 1.0 SECOND SPECTRAL RESPONSE ACCELERATION S1 = .072
E. SITE CLASS = D
F. 0.2 SECOND SPECTRAL RESPONSE COEFFICIENT SDS = .136
G. 1.0 SECOND SPECTRAL RESPONSE COEFFICIENT SD1 = .116
H. SEISMIC DESIGN CATEGORY = B
I. BASIC SEISMIC FORCE RESISTING SYSTEM CANTILEVERED COLUMNS
J. DESIGN BASE SHEAR (kips) V = 30.0
K. SEISMIC RESPONSE COEFFICIENT Cs = .109
L. RESPONSE MODIFICATION FACTOR R = 1.25

GEOTECHNICAL CRITERIA

- 1. GENERAL
A. A LICENSED GEOTECHNICAL ENGINEER, PROVIDED AS PART OF THE CONTRACTOR'S SCOPE OF WORK, SHALL FIELD VERIFY THROUGH ON SITE OBSERVATIONS AND/OR TESTING THAT THE SUBGRADE BEARING STRATA IS CAPABLE OF SATISFYING THE DESIGN PARAMETERS NOTED IN ITEM B.
B. THE SIGN STRUCTURE FOUNDATION DESIGN IS BASED UPON AN ALLOWABLE BEARING PRESSURE OF 2000 PSF.
C. LOCATE EXISTING UNDERGROUND UTILITIES AND PROVIDE PROTECTION FROM DAMAGE DURING CONSTRUCTION.
D. IF OBSTRUCTIONS ARE ENCOUNTERED, UNDERCUT AND BACKFILL FOUNDATION EXCAVATIONS AS DIRECTED BY GEOTECHNICAL ENGINEER.
E. REMOVE ORGANIC AND/OR OTHER UNSUITABLE SOILS TO THE EXTENT DIRECTED BY THE GEOTECHNICAL ENGINEER.
A. SHALLOW FOUNDATION ELEMENTS:
a. EARTH FORM FOUNDATIONS UNLESS CONDITIONS REQUIRE FORMED SIDES.
b. DO NOT CAST CONCRETE ONTO OR AGAINST SUBGRADES CONTAINING FREE WATER, FROST OR ICE.

CAST-IN-PLACE CONCRETE

- 1. GENERAL
A. PROVIDE CONCRETE FOR THE SIGN BASE/FOUNDATION WITH A MINIMUM DESIGN 28-DAY COMPRESSIVE STRENGTH OF 5000PSI.
B. PROVIDE CONCRETE FILL FOR THE BLOCKOUT AT THE SIGN BASE CONNECTION WITH A MINIMUM DESIGN 28-DAY COMPRESSIVE STRENGTH OF 5000PSI.
C. CONCRETE REINFORCEMENT SHALL SATISFY THE REQUIREMENTS OF ASTM A615.
a. FOLLOWING STANDARDS SHALL APPLY TO REINFORCING STEEL:
- DEFORMED BARS: ASTM A615
- DEFORMED BARS TO BE WELDED: ASTM A706
- WELDED WIRE REINFORCEMENT: ASTM A185

CAST-IN-PLACE CONCRETE CONT..

- D. PROVIDE CHAMFERS AT ALL EXPOSED CONCRETE CORNERS AND PROVIDE DRIP LEDGES, SCUPPERS AND WASHES AS DETAILED ON ARCHITECTURAL DRAWINGS.
E. SUBMIT CONCRETE MIX DESIGNS TO OWNER'S TESTING AGENCY FOR REVIEW AND COMMENT PRIOR TO SUBMISSION TO ARCHITECT/ENGINEER.
F. COORDINATE SAMPLING, TESTING AND INSPECTION OF CONCRETE AND REINFORCEMENT WITH TESTING AGENCY.
2. DETAILING
A. DETAIL REINFORCEMENT AND ACCESSORIES IN ACCORDANCE WITH ACI 315 AND ACI 318, UNO ON DOCUMENTS.
B. PROVIDE CLEAR COVER FOR CAST-IN-PLACE REINFORCEMENT TO MEET REQUIREMENT OF ACI.
C. FABRICATE AND PLACE REINFORCEMENT IN ACCORDANCE WITH CRSI 63 AND 65, UNO ON DOCUMENTS.
a. DEVELOPMENT LENGTH AND LAP SPLICES FOR REINFORCEMENT SHALL CONFORM TO ACI 318, CHAPTER 12, UNO ON DOCUMENTS.
b. SPLICE REINFORCING BARS ONLY AS INDICATED ON DRAWINGS EXCEPT LAP SPLICE REINFORCING BARS DESIGNATED AS "CONT" WITH CLASS B LAP SPLICES.
c. HOOK UNSCHEDULED TOP AND SIDE REINFORCING BARS AT DISCONTINUOUS ENDS.
3. CONCRETE PLACEMENT
A. ROUGHEN SURFACE OF CONSTRUCTION JOINTS SO THAT AGGREGATE SHALL BE EXPOSED UNIFORMLY.
B. PLACING REINFORCEMENT:
a. REINFORCEMENT AT TIME CONCRETE IS PLACED, SHALL BE FREE OF MUD, OIL, OR OTHER MATERIALS THAT MAY ADVERSELY AFFECT OR REDUCE BOND.
b. WORKING DOWELS INTO WET CONCRETE IS NOT PERMITTED.
c. PROVIDE PLASTIC TIPPED BAR SUPPORTS IN CONTACT WITH EXPOSED SURFACES.
d. DO NOT TACK WELD REINFORCING BARS.
c. ELECTRICAL CONDUIT CAN BE PLACED WITHIN THE GRADE SLAB.
4. CURING
A. WET CURE CONCRETE IN ACCORDANCE WITH SPECIFICATIONS.
B. CONCRETE WORK SHALL CONFORM TO ACI 117, UNO.

POST-INSTALLED ANCHORAGE SYSTEMS

- 1. GENERAL
A. PROVIDE ANCHORAGE SYSTEMS OF DIAMETER AND EMBEDMENT WHERE INDICATED ON DOCUMENTS.
B. ANCHORAGE SYSTEMS NOT INDICATED ON DOCUMENTS MAY ONLY BE PROVIDED WHERE SPECIFICALLY REQUESTED IN WRITING BY SUBCONTRACTOR AND ONLY AFTER REVIEW AND COMMENT BY ARCHITECT/ENGINEER.
C. DESIGN OF ANCHORAGE SYSTEMS IS BASED ON HILTI, INC (USA).
D. PROPOSED SUBSTITUTIONS OF ANCHORAGE SYSTEMS SHALL BE EQUIVALENT.
E. PROVIDE ANCHORAGE SYSTEMS AS A COMPLETE SYSTEM AS SUPPLIED BY DESIGNATED MANUFACTURER.
F. PROVIDE ANCHORAGE SYSTEM IN ACCORDANCE WITH MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS.
G. DO NOT MIX ANCHORAGE SYSTEM COMPONENTS FROM DIFFERENT MANUFACTURERS.
H. PERSONNEL CERTIFIED BY ACI/CRSI ADHESIVE ANCHOR INSTALLER PROGRAM ARE REQUIRED TO PERFORM INSTALLATION OF ANCHORAGE SYSTEM IN A HORIZONTAL OR UPWARDLY INCLINED ORIENTATION.
I. DO NOT INSTALL ANCHORAGE SYSTEM IN CONCRETE UNTIL IT HAS ACHIEVED A MINIMUM COMPRESSIVE STRENGTH OF 3,750 PSI AND HAS A MINIMUM AGE OF 21 DAYS.
J. DO NOT DAMAGE OR DISTURB EXISTING CONCRETE REINFORCEMENT.
K. POST-INSTALLED ANCHORAGE SYSTEMS ARE NOT PERMITTED IN PLASTIC HINGE ZONES INDICATED ON DOCUMENTS.
2. CRITERIA
A. TEST AND EVALUATE ANCHORAGE SYSTEMS FOR RELIABILITY PER ACI 355.2 AND ACI 355.4 REQUIREMENTS AND RATE AS CATEGORIES 1, 2 OR 3.
B. PROVIDE ICC EVALUATED ANCHORAGE SYSTEMS.
C. ANCHORAGE SYSTEM CAPACITIES ARE BASED ON CRACKED CONCRETE USING DESIGN PROCEDURES IN ACI 318 CHAPTER 17.
D. PROVIDE ADHESIVE ANCHORAGE SYSTEMS WITH FOLLOWING MINIMUM BOND STRESS VALUES:
a. EXPOSED APPLICATIONS - 200 PSI
b. UNEXPOSED APPLICATIONS - 300 PSI
E. PROVIDE ANCHORS MEETING DUCTILITY REQUIREMENTS OF ACI 318.
3. MECHANICAL ANCHORAGE SYSTEM
A. ANCHORAGE SYSTEMS IN NORMAL OR LIGHTWEIGHT WEIGHT REINFORCED CONCRETE SHALL UTILIZE CARBON STEEL HILTI KWIK BOLT 3 EXPANSION ANCHORS OR EQUIVALENT.
a. PROVIDE HEX NUTS CONFORMING TO ASTM A 563 GRADE DH FOR CARBON STEEL ANCHOR RODS AND ASTM F 594 FOR STAINLESS STEEL ANCHOR RODS.
b. PROVIDE WASHERS CONFORMING TO ASTM F 436 FOR CARBON STEEL ANCHOR RODS AND ASTM A240 FOR STAINLESS STEEL ANCHOR RODS.

POST-INSTALLED ANCHORAGE SYSTEMS CONT..

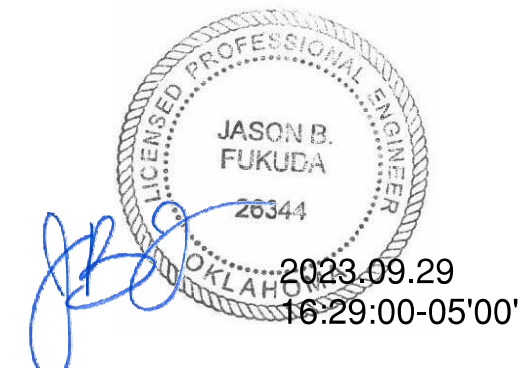
- 4. ADHESIVE ANCHORAGE SYSTEMS
A. IN NORMAL WEIGHT REINFORCED CONCRETE, USE HILTI HIT-RE 500-SD OR HILTI HIT-HY 200 ADHESIVE.
B. PROVIDE HILTI HIT-Z ANCHOR RODS OR CARBON STEEL CONTINUOUSLY THREADED ANCHOR RODS CONFORMING TO ASTM A 193 GRADE B7, UNO ON DOCUMENTS.
a. PROVIDE HEX NUTS CONFORMING TO ASTM A194 GRADE DH FOR CARBON STEEL ANCHOR RODS AND ASTM F594 FOR STAINLESS STEEL ANCHOR RODS.
b. PROVIDE WASHERS CONFORMING TO ASTM F436 FOR CARBON STEEL ANCHOR RODS AND ASTM A240 FOR STAINLESS STEEL ANCHOR RODS.
C. USE EITHER MANUFACTURER'S ANCHOR RODS OR DEFORMED REINFORCING BAR DOWELS.
D. INSTALL ADHESIVE ONLY WHEN BASE MATERIAL TEMPERATURES ARE WITHIN MANUFACTURER'S DESIGNATED RANGE.
E. DO NOT DISTURB OR LOAD ANCHORS, ANCHOR RODS OR DEFORMED REINFORCING BARS UNTIL DESIGNATED ADHESIVE CURE TIME HAS ELAPSED OR UNLESS OTHERWISE SPECIFIED BY MANUFACTURER.
F. BULK MIXING OF ADHESIVE COMPONENTS IS NOT ALLOWED.
5. INSPECTION AND TESTING
A. TESTING AGENCY CERTIFIED BY ACI/CRSI ADHESIVE ANCHOR INSTALLER PROGRAM ARE REQUIRED TO PROVIDE CONTINUOUS INSPECTION OF INSTALLATION OF ALL POST-INSTALLED ANCHORAGE SYSTEMS.

STRUCTURAL STEEL

- 1. GENERAL
A. DESIGN IS BASED ON LOAD FACTOR RESISTANCE DESIGN AND IN CONFORMANCE WITH AISC "SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS."
B. STRUCTURAL STEEL WORK SHALL CONFORM TO AISC "CODE OF STANDARD PRACTICE."
C. MATERIALS:
MISC. PLATES, ANGLES, CHANNELS: ASTM A36, Fy = 36 KSI OR ASTM A572, Fy = 50 KSI
COLUMN BASE PLATES: ASTM A572, Fy = 50 KSI
HSS SQUARE AND RECTANGULAR MEMBERS: ASTM A500 GRADE C, Fy = 50 KSI
HSS ROUND MEMBERS: ASTM A1085, Fy = 50 KSI OR ASTM A500 GRADE C, Fy = 46 KSI
HIGH STRENGTH BOLTS: ASTM A325 OR A490
ANCHOR RODS: ASTM F1554, GRADE 36 OR GRADE 55
D. DIE STAMP END OF ANCHORS ROD INTENDED TO PROJECT FROM CONCRETE SHALL BE STEEL DIE STAMPED WITH GRADE IDENTIFICATION AS REQUIRED BY SUPPLEMENT S3.
E. PROVIDE NON-METALLIC, NON-SHRINK GROUT BENEATH BASE PLATES.
F. GALVANIZE ALL STRUCTURAL STEEL MEMBERS AND EMBEDS.
G. TOUCH UP FIELD WELDS ON GALVANIZED ITEMS WITH SPECIFIED GALVANIZED REPAIR PAINT.
H. FIELD CUTTING OF STRUCTURAL STEEL MEMBERS FOR WORK OF OTHER TRADES IS NOT PERMITTED WITHOUT PRIOR REVIEW AND COMMENT BY ARCHITECT/ENGINEER.
I. COORDINATE INSPECTION OF STRUCTURAL STEEL WITH TESTING AGENCY.

ARCHITECTURALLY EXPOSED STRUCTURAL STEEL (AESS)

- 1. GENERAL
A. APPLY ARCHITECTURALLY EXPOSED STRUCTURAL STEEL (AESS) REQUIREMENTS TO STEEL MEMBERS AND CONNECTIONS COMPLY WITH "SECTION 10, ARCHITECTURALLY EXPOSED STRUCTURAL STEEL" OF AISC CODE OF STANDARD PRACTICE, UNO.
2. FABRICATION AND ERECTION
A. FABRICATE WITH SPECIAL CARE USING MATERIAL SELECTED FOR BEST APPEARANCE.
B. MAKE EXPOSED EDGES AND ENDS SQUARE AND SMOOTH.
C. SELECT WELD SIZES, SEQUENCE, AND EQUIPMENT TO LIMIT DISTORTIONS WITHIN ALLOWABLE TOLERANCES.
D. GRIND WELDS SMOOTH AND OTHERWISE TREAT AS REQUIRED TO BLEND WITH ADJACENT PARENT MATERIAL.
E. DO NOT APPLY PERMANENT MILL MARKINGS, ERECTION MARKS, SYMBOLS, OR PAINTED NOTES ON EXPOSED SURFACES.
F. APPLY EPOXY FILLER TO POCKETS, VOIDS, PITTING OR OTHER BLEMISHES ON EXPOSED SURFACES OF AESS.
G. COMPLY WITH AISC CODE REQUIREMENTS FOR FABRICATION AND ERECTION TOLERANCES FOR AESS.
H. HOT-DIPPED GALVANIZE EXTERIOR AESS.
I. SHOP DRAWINGS MUST BE FULLY DETAILED FOR CONNECTIONS, INDICATING WELDS, BOLTS, ETC.
J. A PRE-FABRICATION CONFERENCE IS TO BE HELD WITH STEEL FABRICATOR AND DETAILER TO DISCUSS AESS REQUIREMENTS.



TUL WAYFINDING
7777 Airport Dr., Tulsa, OK 74115
S001 GENERAL NOTES

GH2 ARCHITECTS

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SHEET NAME: GENERAL NOTES

SHEET NUMBER: S001
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# DRAWING INTERPRETATION

## A. DRAWING VIEWS LABELED AS "TYPICAL"

1. PARTIAL PLANS, ELEVATIONS, SECTIONS, DETAILS, OR SCHEDULES LABELED WITH "TYPICAL" AT BEGINNING OF THEIR TITLE APPLY TO SITUATIONS OCCURRING ON PROJECT THAT ARE SAME OR SIMILAR TO THOSE INDICATED. APPLICABILITY OF CONTENT OF THESE VIEWS TO LOCATIONS ON PLAN CAN BE DETERMINED FROM TITLE OF VIEWS. SUCH VIEWS APPLY WHETHER OR NOT THEY ARE KEYED IN AT EACH LOCATION.

## B. STRUCTURAL ABBREVIATIONS

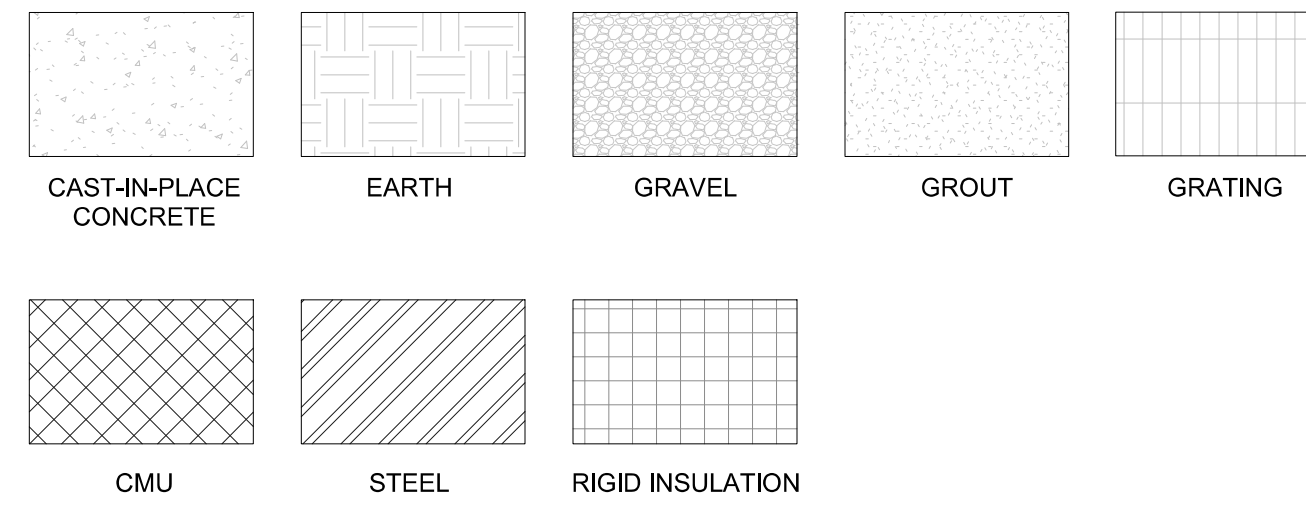
1. THE FOLLOWING ABBREVIATIONS MAY BE USED IN THE STRUCTURAL DRAWINGS:

@	AT	LLH	LONG LEG HORIZONTAL
&	AND	LLV	LONG LEG VERTICAL
#	NUMBER	LO	LOW
⊘	ROUND, DIAMETER	LONG	LONGITUDINAL
A-ANC	SQUARE, TUBE	LSH	LONG SIDE HORIZONTAL
ADDL	ADHESIVE ANCHOR	LSLP	LONG-SLOTTED HOLE PARALLEL
AESS	ADDITIONAL	LSLT	LONG-SLOTTED HOLE TRANSVERSE
	ARCHITECTURAL EXPOSED	LSV	LONG SIDE VERTICAL
	STRUCTURAL STEEL	LWC	LIGHTWEIGHT CONCRETE
ANC	ANCHOR	M	MOMENT
AHU	AIR HANDLING UNIT	M-ANC	MECHANICAL ANCHOR
ALT	ALTERNATE	MAS	MASONRY
APPRX	APPROXIMATE	MAX	MAXIMUM
AR	ANCHOR ROD	MC	MOMENT CONNECTION
ARCH	ARCHITECTURAL	MECH	MECHANICAL
BF	BRACED FRAME	MEZZ	MEZZANINE
BLDG	BUILDING	MFR	MANUFACTURER
BM	BEAM	MH	HORIZONTAL MOMENT
B/	BOTTOM OF	MIN	MINIMUM
B	BOTTOM	MISC	MISCELLANEOUS
BPL	BENT PLATE	MTL	METAL
BRDG	BRIDGING	MU	MECHANICAL UNIT
BRG	BEARING	NF	NEAR FACE
BTWN	BETWEEN	NIC	NOT IN CONTRACT
C	CAMBER, COMPRESSION	NS	NEAR SIDE
CANT	CANTILEVER	NTS	NOT TO SCALE
CFMF	COLD-FORMED METAL FRAMING	NWC	NORMALWEIGHT CONCRETE
CIP	CAST-IN-PLACE	OC	ON CENTER
CJ	CONSTRUCTION/ CONTROL JOINT	OD	OUTSIDE DIAMETER
CJP	COMPLETE JOINT PENETRATION	OPH	OPPOSITE HAND
CL	CENTERLINE	OPNG	OPENING
CLR	CLEAR	OPP	OPPOSITE
CMU	CONCRETE MASONRY UNIT	OVS	OVERSIZED HOLE
COL	COLUMN	P	AXIAL LOAD
CONC	CONCRETE	PAF	POWDER ACTUATED FASTENER
CONN	CONNECTION	PAR	PARALLEL
CONSTR	CONSTRUCTION	PC	PRECAST CONCRETE
CONT	CONTINUOUS	PCF	POUNDS PER CUBIC FOOT
COORD	COORDINATE	PCY	POUNDS PER CUBIC YARD
CVR	COVER	PERP	PERPENDICULAR
CPRS	COMPRESSIBLE	PL	PLATE
CTR(S)	CENTER(S)	PLF	POUNDS PER LINEAR FOOT
D	DEPTH	PLUMB	PLUMBING
db	BAR DIAMETER	PJP	PARTIAL JOINT PENETRATION
DBA	DEFORMED BAR ANCHOR	PRELIM	PRELIMINARY
DCW	DEMAND CRITICAL WELD	PROP	PROPERTY
DET	DETAIL	PSF	POUNDS PER SQUARE FOOT
DIA	DIAMETER	PSI	POUNDS PER SQUARE INCH
DIM	DIMENSION	PT	POST-TENSION(ED)
DWG(S)	DRAWING(S)	QTY	QUANTITY
DWL	DOWEL	R	REACTION
E	ECCENTRICITY	RAD	RADIUS
EA	EACH	REF	REFERENCE
EF	EACH FACE	REINF	REINFORCEMENT
EJ	EXPANSION JOINT	REM	REMAINDER
EL	ELEVATION	REQD	REQUIRED
ELEV	ELEVATOR	REQMNT(S)	REQUIREMENT(S)
EMBED	EMBEDMENT, EMBEDDED	REV	REVISION
ENG	ENGINEER	RH	HORIZONTAL REACTION
EOD	EDGE OF DECK	RS	ROCK SOCKET
EOS	EDGE OF SLAB	RTU	ROOF TOP UNIT
EQ	EQUAL	SC	SLIP-CRITICAL, SHEAR CONNECTOR
EQUIP	EQUIPMENT	SCHED	SCHEDULE(D)
EQUIV	EQUIVALENT	SDS	SELF-DRILLING SCREW
ES	EACH SIDE	SECT	SECTION
EW	EACH WAY	SHT	SHEET
EXIST	EXISTING	SIM	SIMILAR
EXP	EXPANSION	SLBB	SHORT LEG BACK TO BACK
EXT	EXTERIOR	SLRS	SEISMIC LOAD RESISTING SYSTEM
FAB	FABRICATE	SOG	SLAB-ON-GRADE
fc=	28 DAY CONCRETE STRENGTH=	SPA	SPACING
fm=	28 DAY MASONRY STRENGTH=	SPEC	SPECIFICATION
FD	FLOOR DRAIN	SPL	SPLICE
FDN	FOUNDATION	SUP	SUPPORT
FF	FAR FACE	SQ	SQUARE
FIN	FINISH	SS	STAINLESS STEEL
FLR	FLOOR	SSLP	SHORT-SLOTTED HOLE PARALLEL
FS	FAR SIDE	SSLT	SHORT-SLOTTED HOLE TRANSVERSE
FTG	FOOTING	STD	STANDARD
FUT	FUTURE	STIF	STIFFENER
FV	FIELD VERIFY	STIR	STIRRUP
Fy=	YIELD STRENGTH=	STL	STEEL
GALV	GALVANIZE(D)	STRUCT	STRUCTURE, STRUCTURAL
GEN	GENERAL	SW	SHEAR WALL
GR	GRADE	SYM	SYMMETRIC, SYMMETRICAL
H	HORIZONTAL	T	TENSION, TOP
HCA	HEADED CONCRETE ANCHOR	T/	TOP OF
HGR	HANGER	THD	THREADED
HI	HIGH	THRU	THROUGH
HSS	HOLLOW STRUCTURAL SECTION	TK	THICKNESS
ID	INSIDE DIAMETER	TOR	TORSION
INFO	INFORMATION	TRANS	TRANSVERSE
INT	INTERIOR	TYP	TYPICAL
JF	JOINT FILLER	UNO	UNLESS NOTED OTHERWISE
JT	JOINT	VERT	VERTICAL
K	KIPS	W	WIDTH
KSF	KIPS PER SQUARE FOOT	WP	WORK POINT
KSI	KIPS PER SQUARE INCH	WS	WATERSTOP
L	LENGTH	WT	WEIGHT
LBS	POUNDS	WWR	WELDED WIRE REINFORCEMENT
Ld	DEVELOPMENT LENGTH	XS	EXTRA STRONG
LLBB	LONG LEG BACK TO BACK	XXS	DOUBLE EXTRA STRONG

2. SEE 2018 INTERNATIONAL BUILDING CODE (IBC) CHAPTER 35 FOR REFERENCED STANDARDS ABBREVIATIONS.

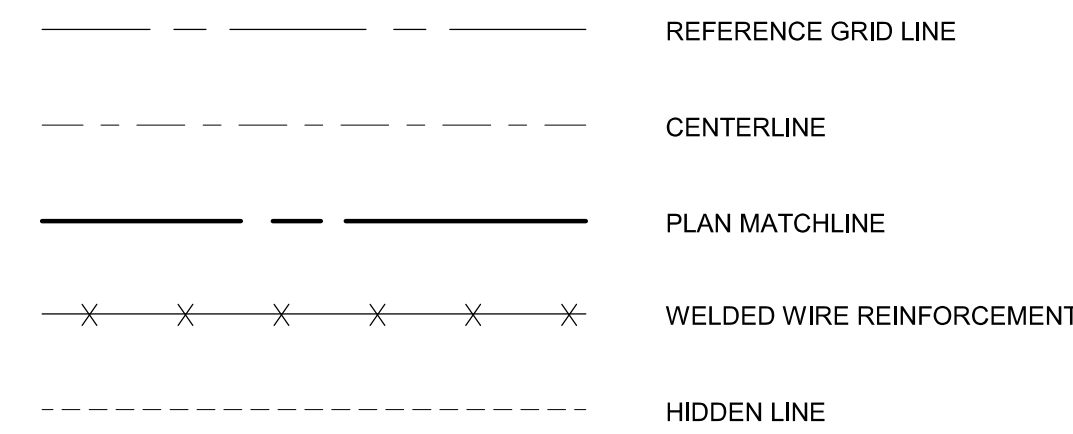
# MATERIAL IDENTIFICATION SYMBOLS

THE FOLLOWING MATERIAL IDENTIFICATION SYMBOLS MAY BE USED:



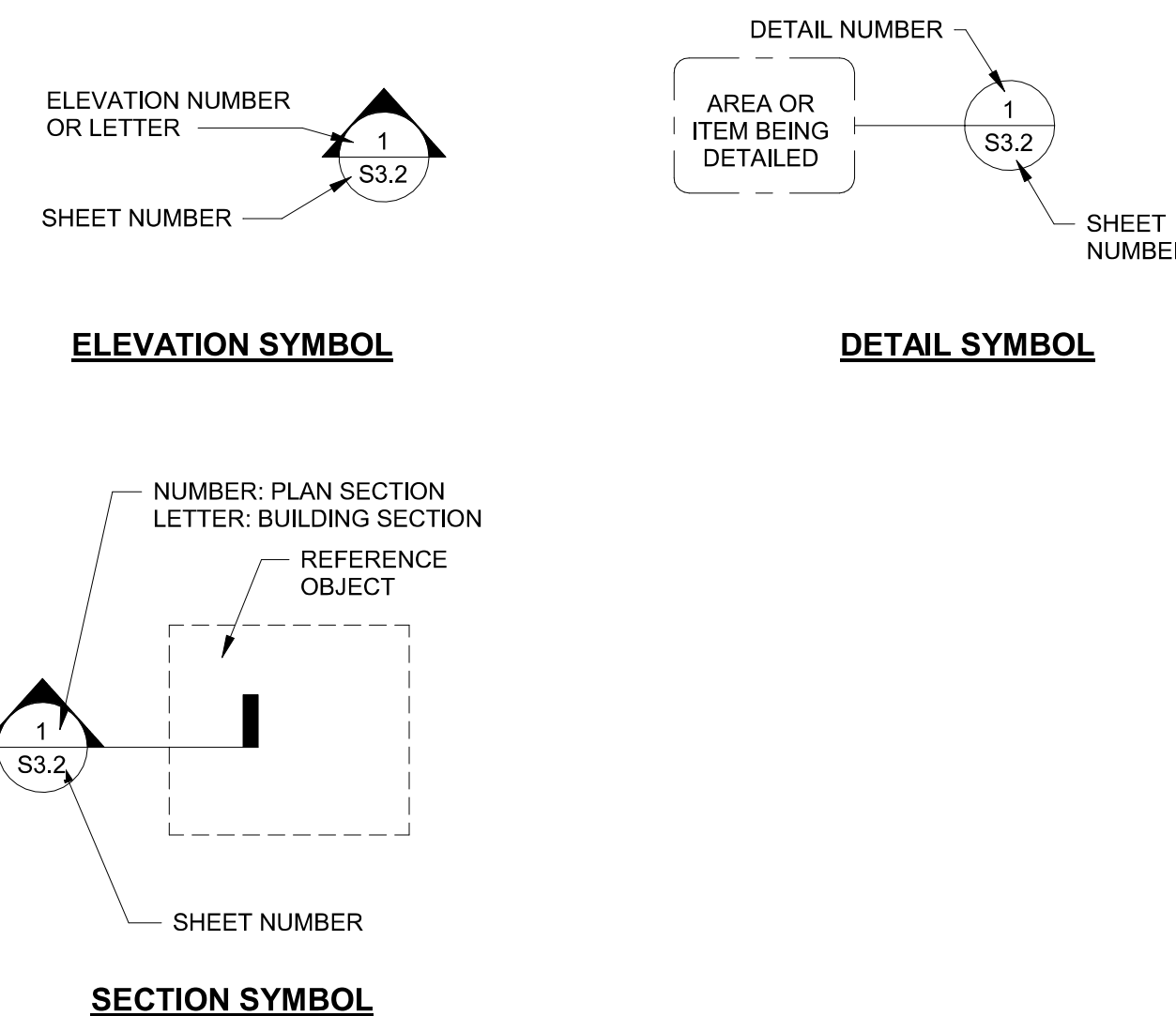
# SYMBOLIC LINEWORK

THE FOLLOWING SYMBOLIC LINEWORK MAY BE USED:



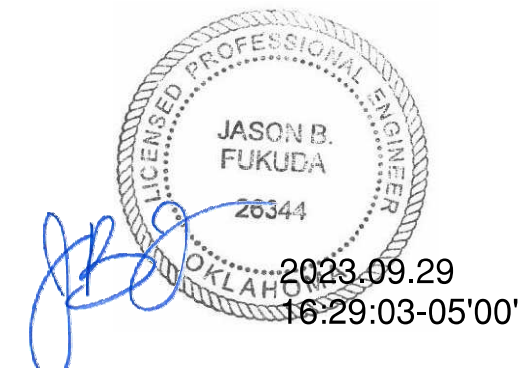
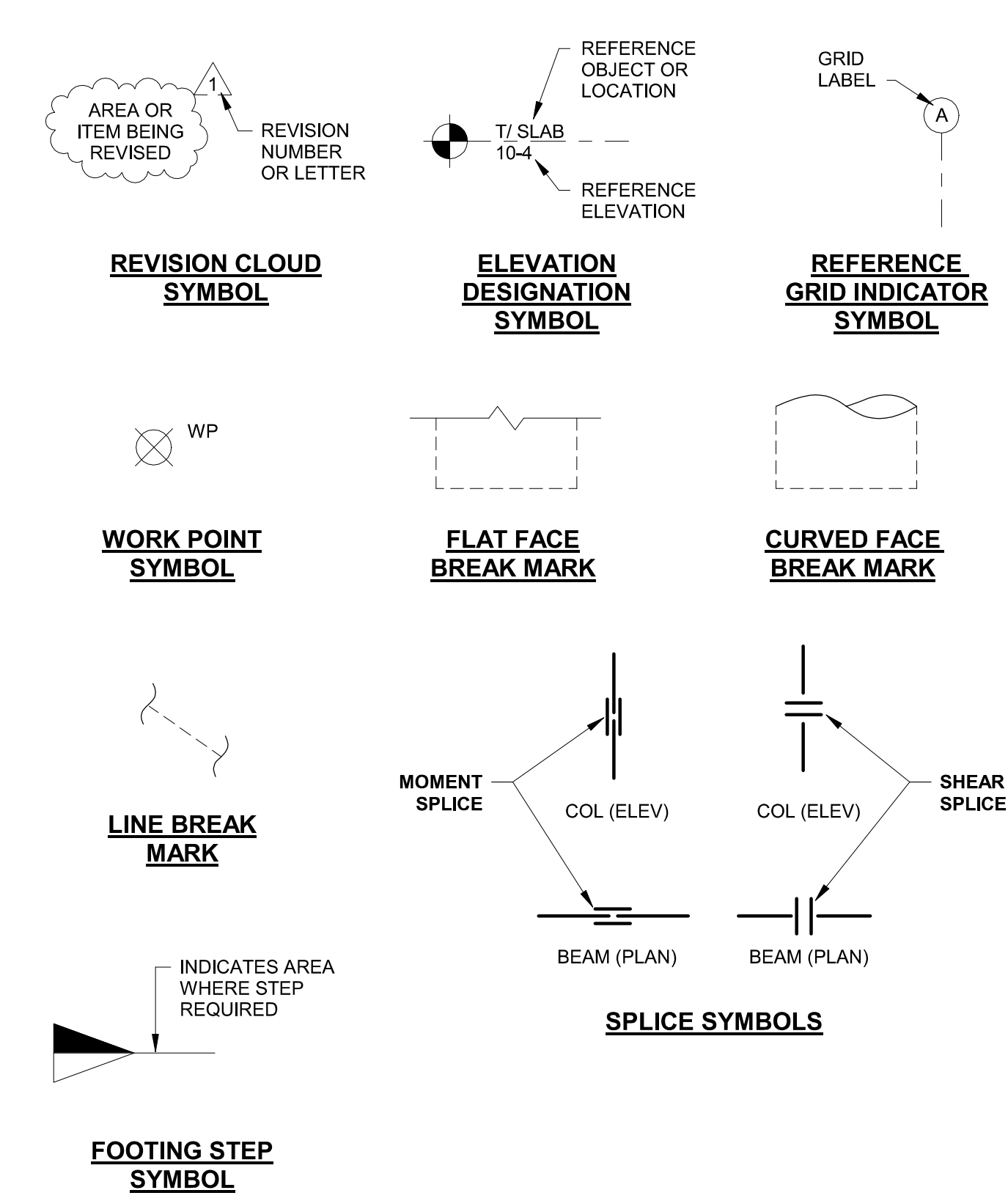
# VIEW REFERENCE SYMBOLS

THE FOLLOWING SYMBOLS MAY BE USED THROUGHOUT DRAWINGS TO REFER TO OTHER VIEWS:



# UNIVERSAL SYMBOLS

THE FOLLOWING SYMBOLS MAY BE USED THROUGHOUT DRAWINGS:



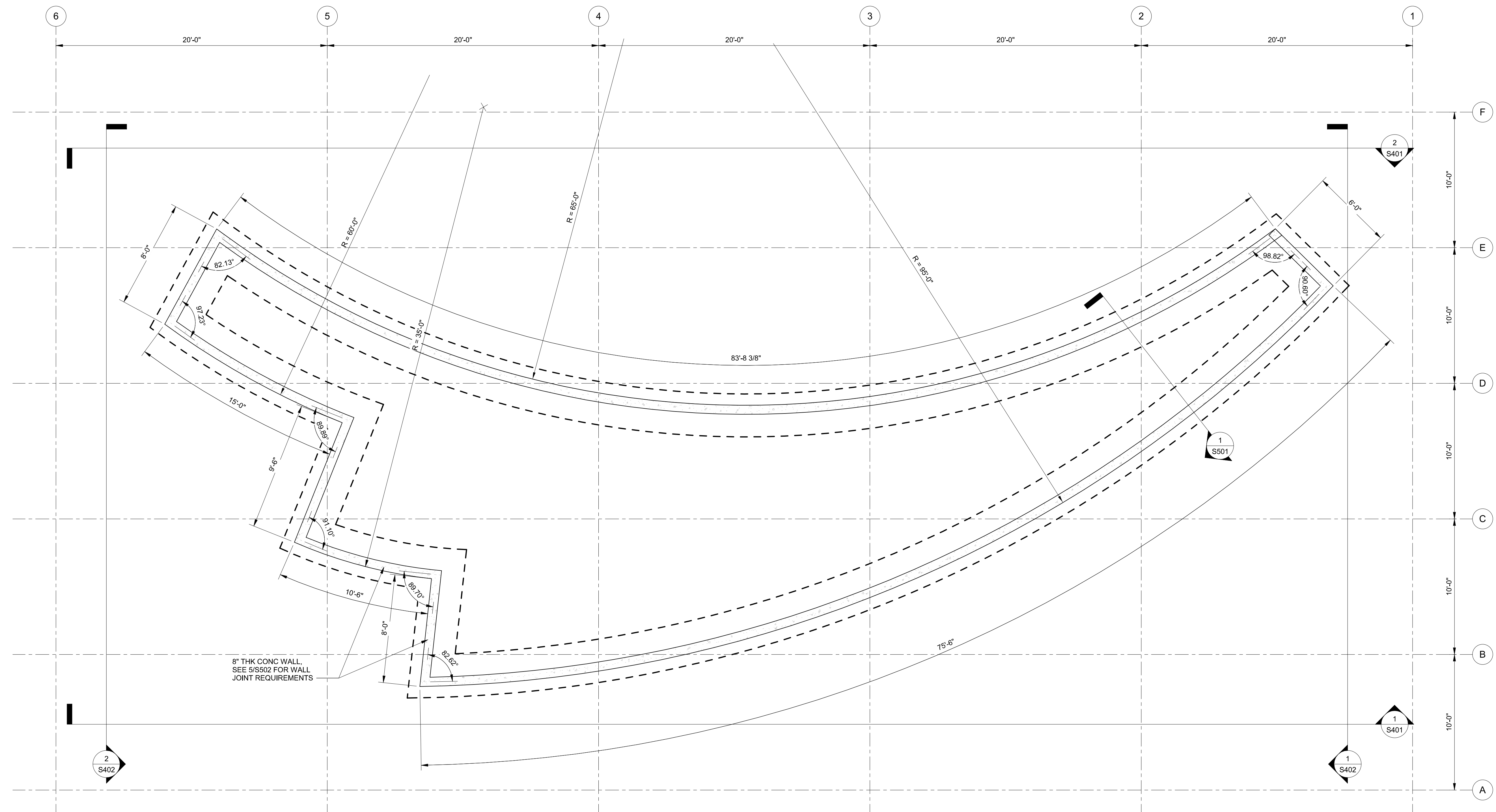
**TUL WAYFINDING**  
 7777 Airport Dr., Tulsa, OK 74115  
**S002**  
 GENERAL NOTES SYMBOLS AND NOTATIONS

## GH2 ARCHITECTS

GH2.COM  
 GH2 PROJECT NUMBER:  
**20220001**  
 ISSUE DATE:  
**09/29/2023**  
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## GENERAL NOTES SYMBOLS AND NOTATIONS

SHEET NUMBER:  
**S002**  
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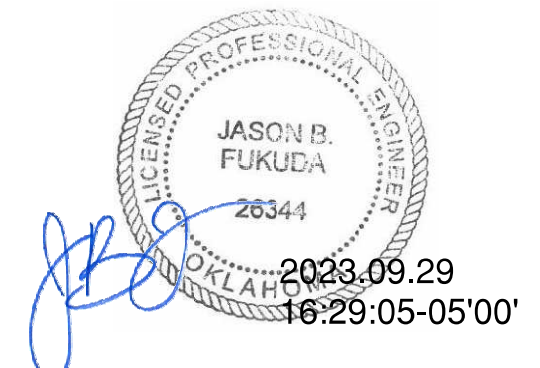


**1 FOUNDATION PLAN**

1/4" = 1'-0"  
 0' 2' 4' 8' 12'

**PLAN NOTES:**

1. SEE LANDSCAPE DRAWINGS FOR COORDINATES LOCATING FOUNDATION ON THE SITE.
2. SEE GEOTECHNICAL CRITERIA IN THE GENERAL NOTES FOR SUBGRADE REQUIREMENTS.
3. FINISH GRADE AT THE SIGN IS 651'-0". TOP OF WALL FOOTING SHALL BE ELEVATION 649.0'. CONTRACTOR TO VERIFY TOP OF FOOTING IS 2'-0" MINIMUM BELOW FINISH GRADE.
4. LINEAR AND RADIAL DIMENSIONS ARE NOTED ON THE PLAN. DIMENSIONAL REFERENCE IS TO OUTSIDE FACE OF STEM WALL.
5. WORK POINT FOR RADIUSSES SHALL BE DETERMINED BY WORKING THE PLAN DIMENSIONS (LINEAR AND RADIAL) WITH THE RADIUSSES.
6. CONTROL JOINTS ARE REQUIRED IN THE STEM WALL. JOINTS ARE TO BE SPACED UNIFORMLY BETWEEN CORNERS. SEE DETAIL 5 ON SHEET S502 FOR CONCRETE WALL TYPICAL JOINT DETAILS.



**TUL WAYFINDING**

7777 Airport Dr., Tulsa, OK 74115

**S201**  
FOUNDATION PLAN

**GH2 ARCHITECTS**

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GH2 PROJECT NUMBER:  
**20220001**

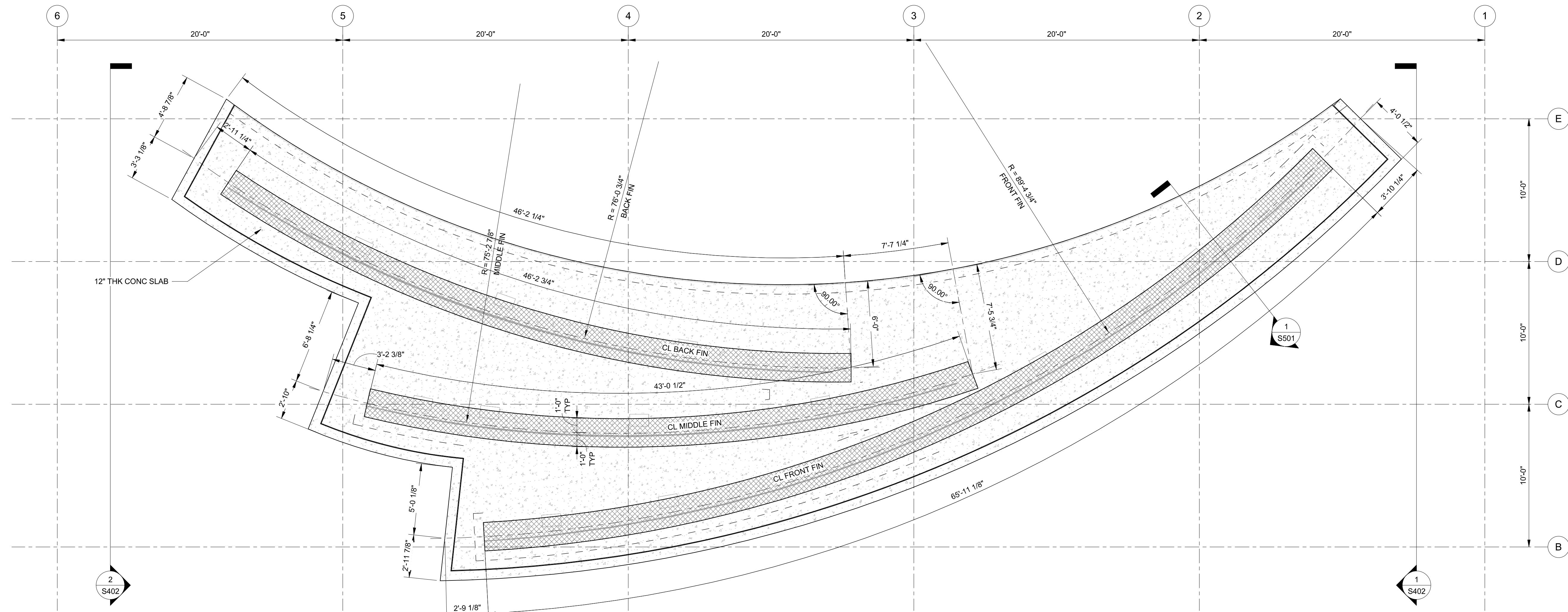
ISSUE DATE:  
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ISSUE:  
**CONSTRUCTION DOCUMENTS**

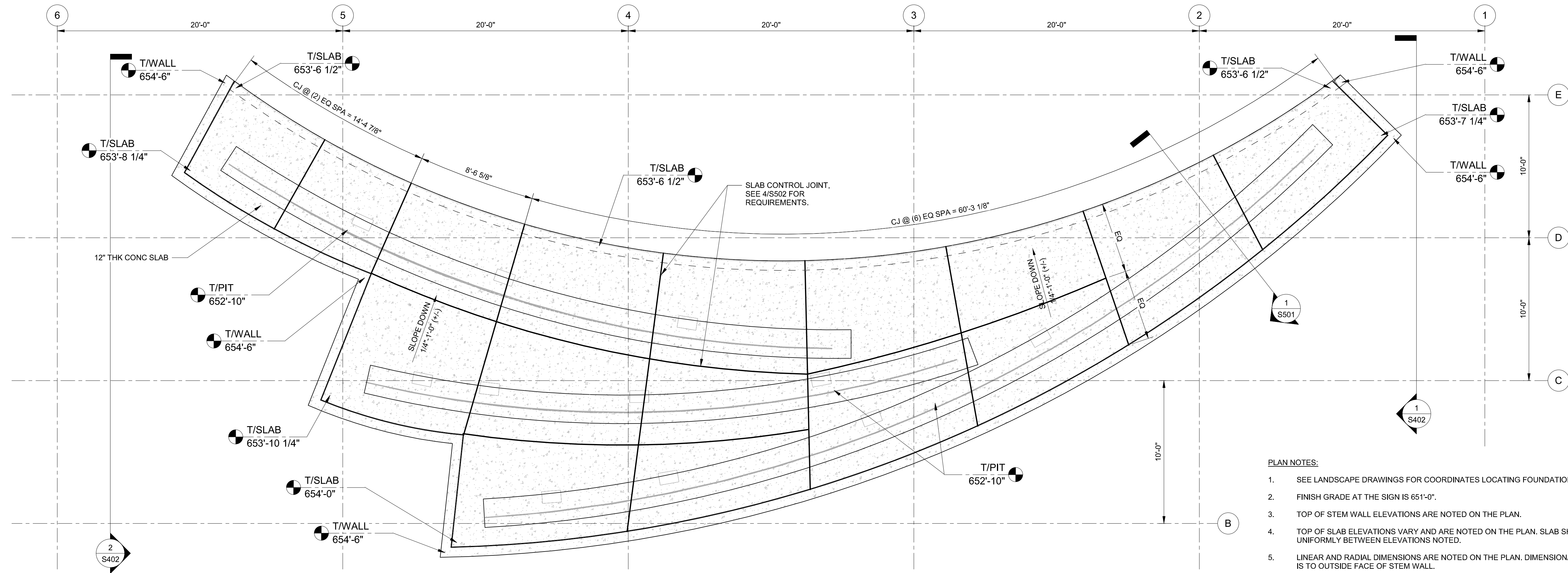
OTHER ISSUE DATES:  
NO. DESCRIPTION DATE

SHEET NAME:  
**FOUNDATION PLAN**

SHEET NUMBER:  
**S201**

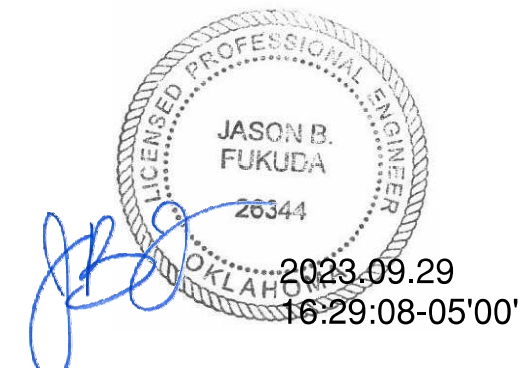


**1 SLAB PLAN**  
1/4" = 1'-0"  
0 2 4 8 12



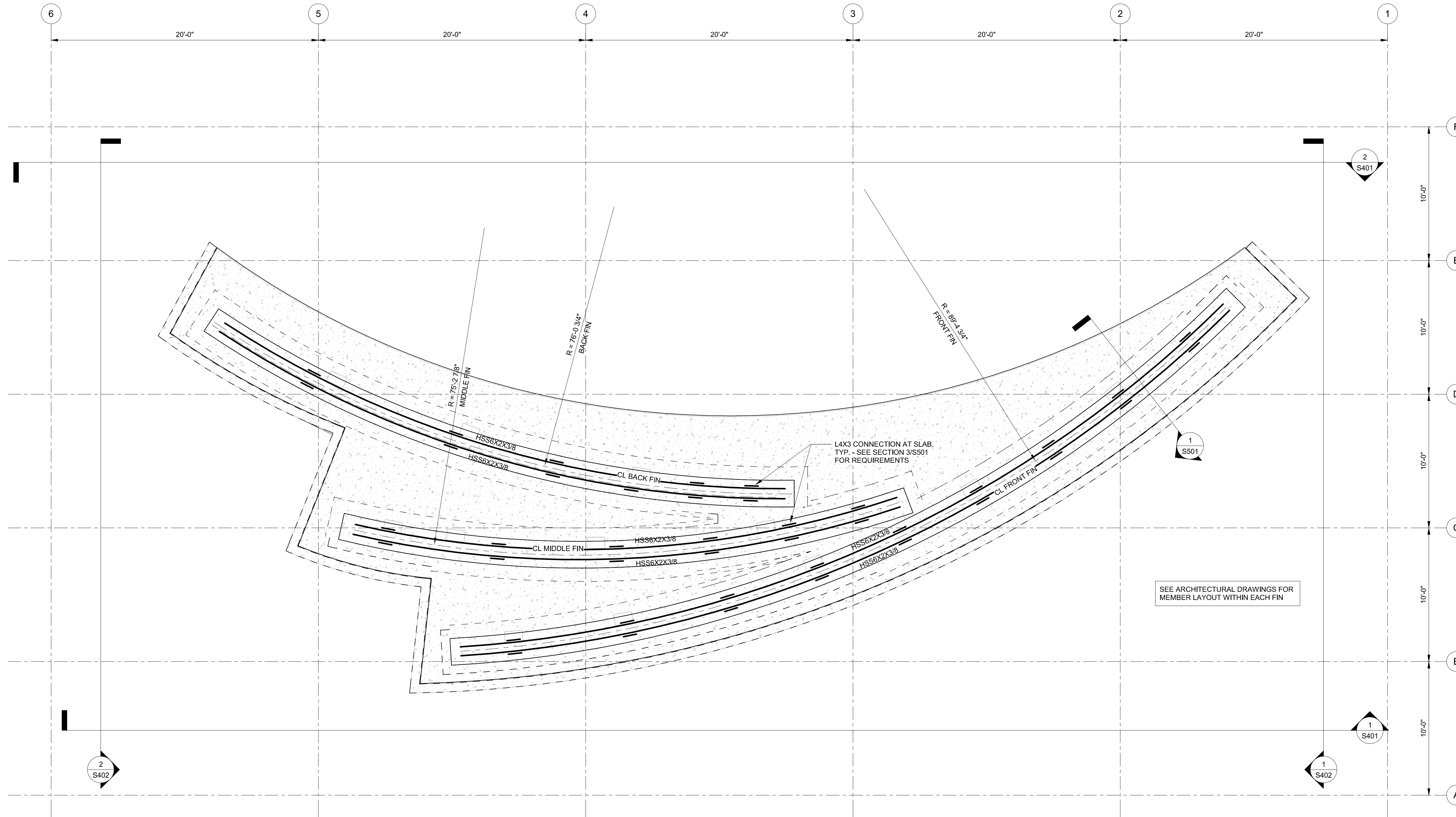
**2 SLAB JOINT PLAN**  
1/4" = 1'-0"  
0 2 4 8 12

- PLAN NOTES:**
- SEE LANDSCAPE DRAWINGS FOR COORDINATES LOCATING FOUNDATION ON THE SITE.
  - FINISH GRADE AT THE SIGN IS 651'-0".
  - TOP OF STEM WALL ELEVATIONS ARE NOTED ON THE PLAN.
  - TOP OF SLAB ELEVATIONS VARY AND ARE NOTED ON THE PLAN. SLAB SHALL SLOPE UNIFORMLY BETWEEN ELEVATIONS NOTED.
  - LINEAR AND RADIAL DIMENSIONS ARE NOTED ON THE PLAN. DIMENSIONAL REFERENCE IS TO OUTSIDE FACE OF STEM WALL.
  - WORK POINT FOR RADIIUSES SHALL BE DETERMINED BY WORKING THE PLAN DIMENSIONS (LINEAR AND RADIAL) WITH THE RADIIUSES.
  - CONTROL JOINTS ARE REQUIRED IN THE GRADE SLAB. SEE DETAIL 4 ON SHEET S502 FOR SLAB TYPICAL JOINT DETAILS.

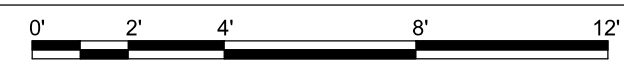


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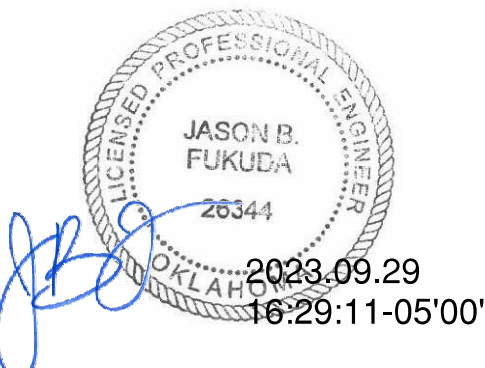


**1** FRAMING PLAN  
 1/4" = 1'-0"



**PLAN NOTES:**

1. SEE ELEVATIONS FOR SIGN FRAMEWORK MEMBER SIZES.
2. LINEAR AND RADIAL DIMENSIONS ARE NOTED ON THE PLAN. DIMENSIONAL REFERENCE IS TO OUTSIDE FACE OF STEM WALL.
3. WORK POINT FOR RADIISES SHALL BE DETERMINED BY WORKING THE PLAN DIMENSIONS (LINEAR AND RADIAL) WITH THE RADIISES.
4. SEE ARCHITECTURAL DRAWINGS FOR MEMBER LAYOUT WITHIN EACH FIN.



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**S203**  
FRAMING PLAN

**GH2 ARCHITECTS**

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GH2 PROJECT NUMBER:  
**20220001**

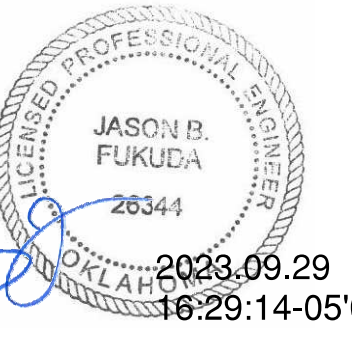
ISSUE DATE:  
**09/29/2023**

ISSUE:  
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**FRAMING PLAN**

SHEET NUMBER:  
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**S401**

ELEVATIONS AND BUILDING SECTIONS

**GH2 ARCHITECTS**

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GH2 PROJECT NUMBER:

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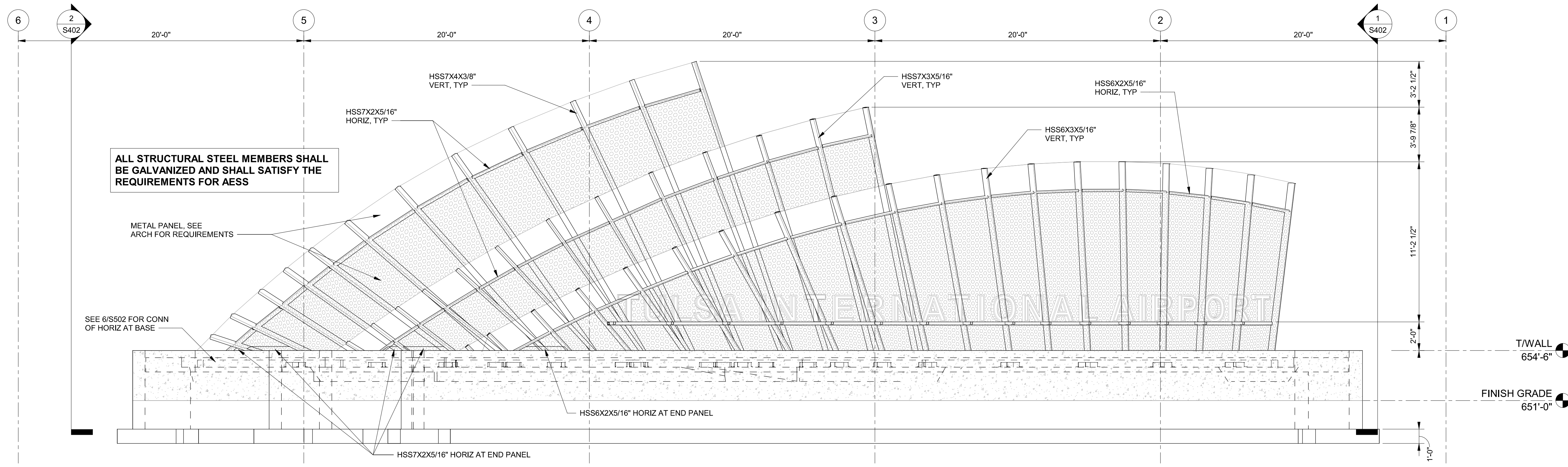
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**ELEVATIONS AND BUILDING SECTIONS**

SHEET NUMBER:

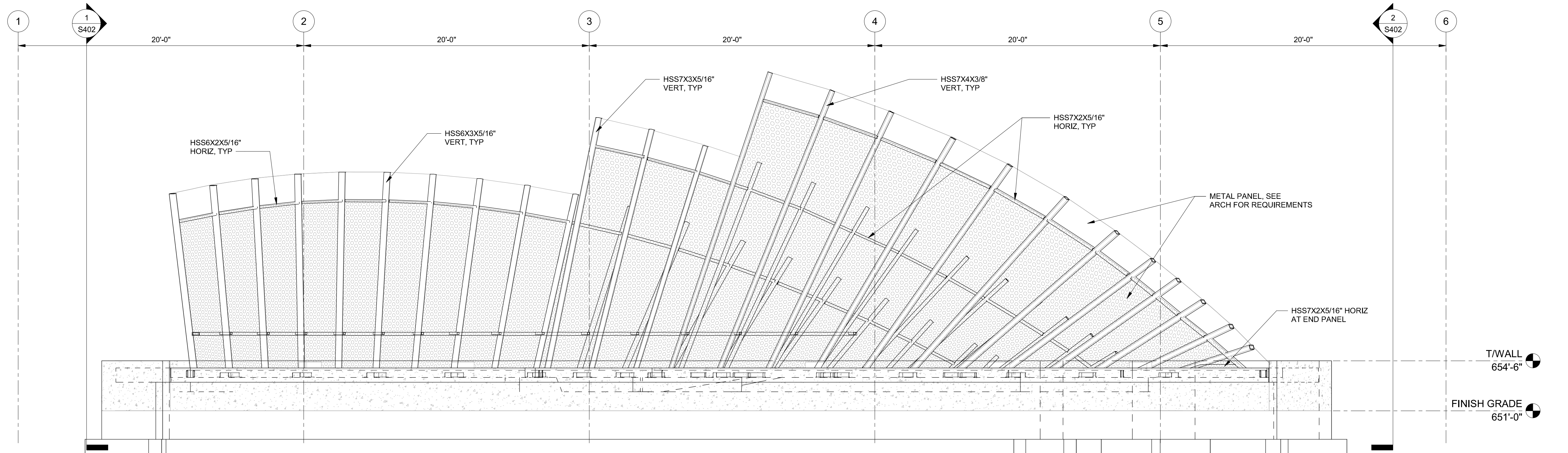
**S401**

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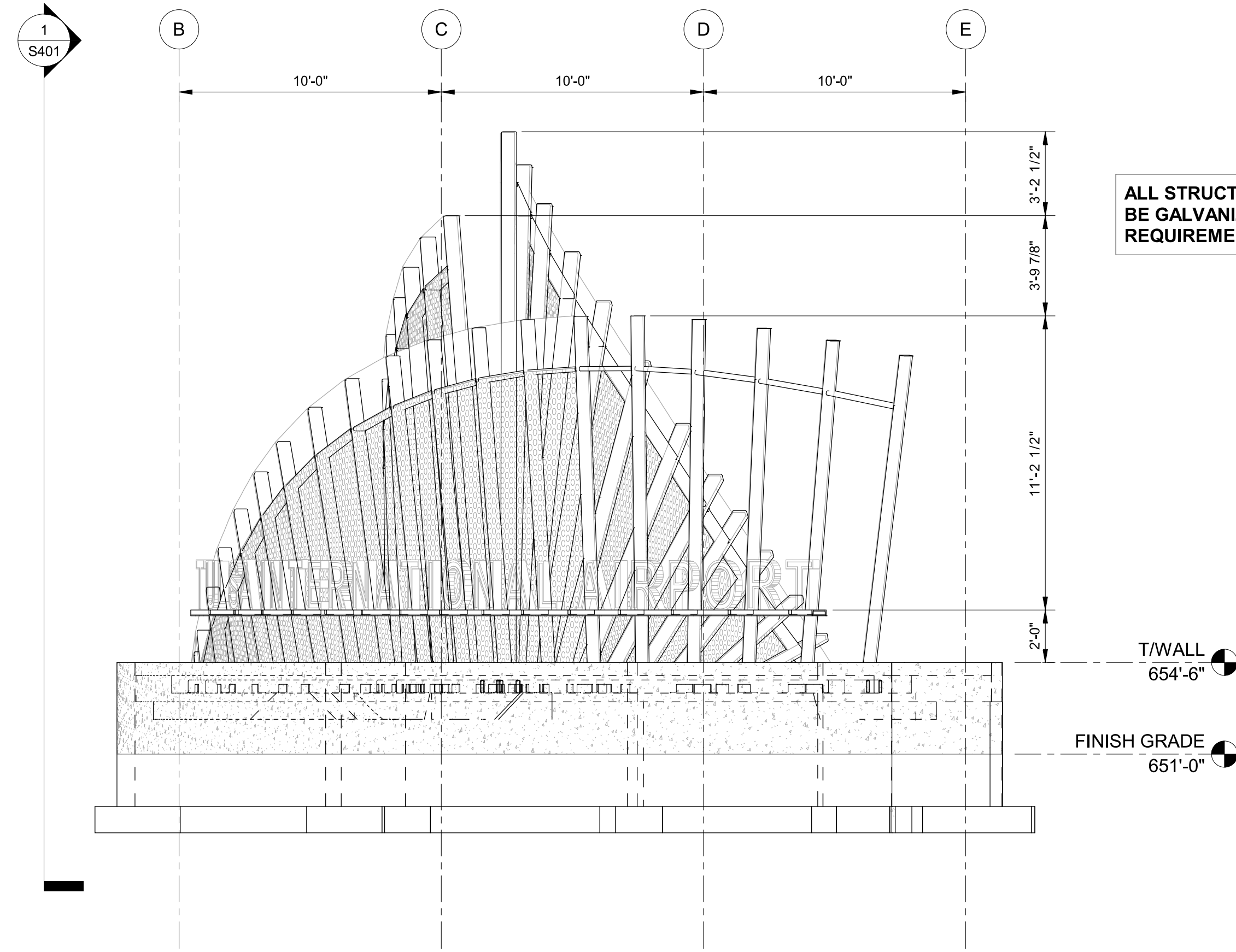
**1 SOUTH ELEVATION**

1/4" = 1'-0"

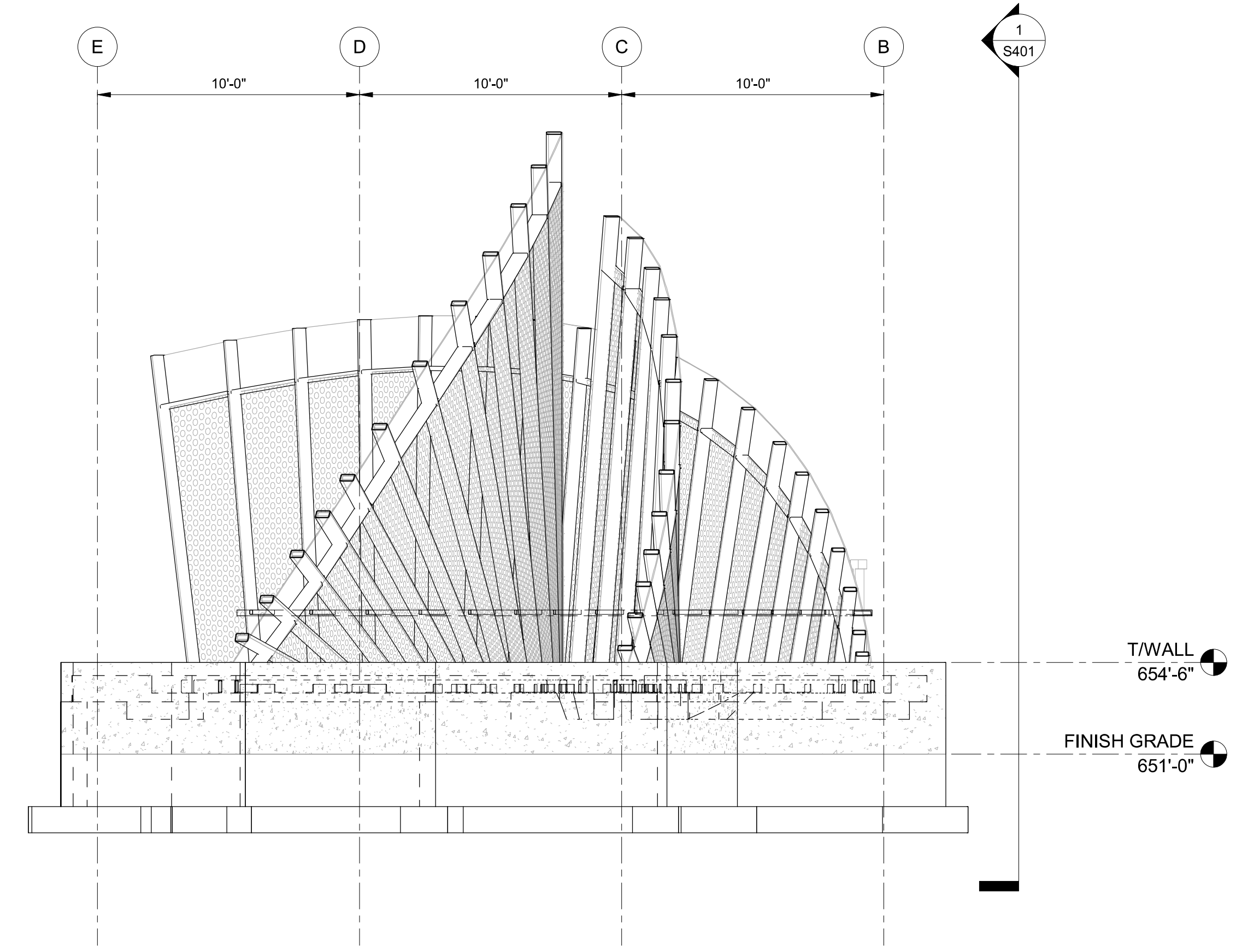


**2 NORTH ELEVATION**

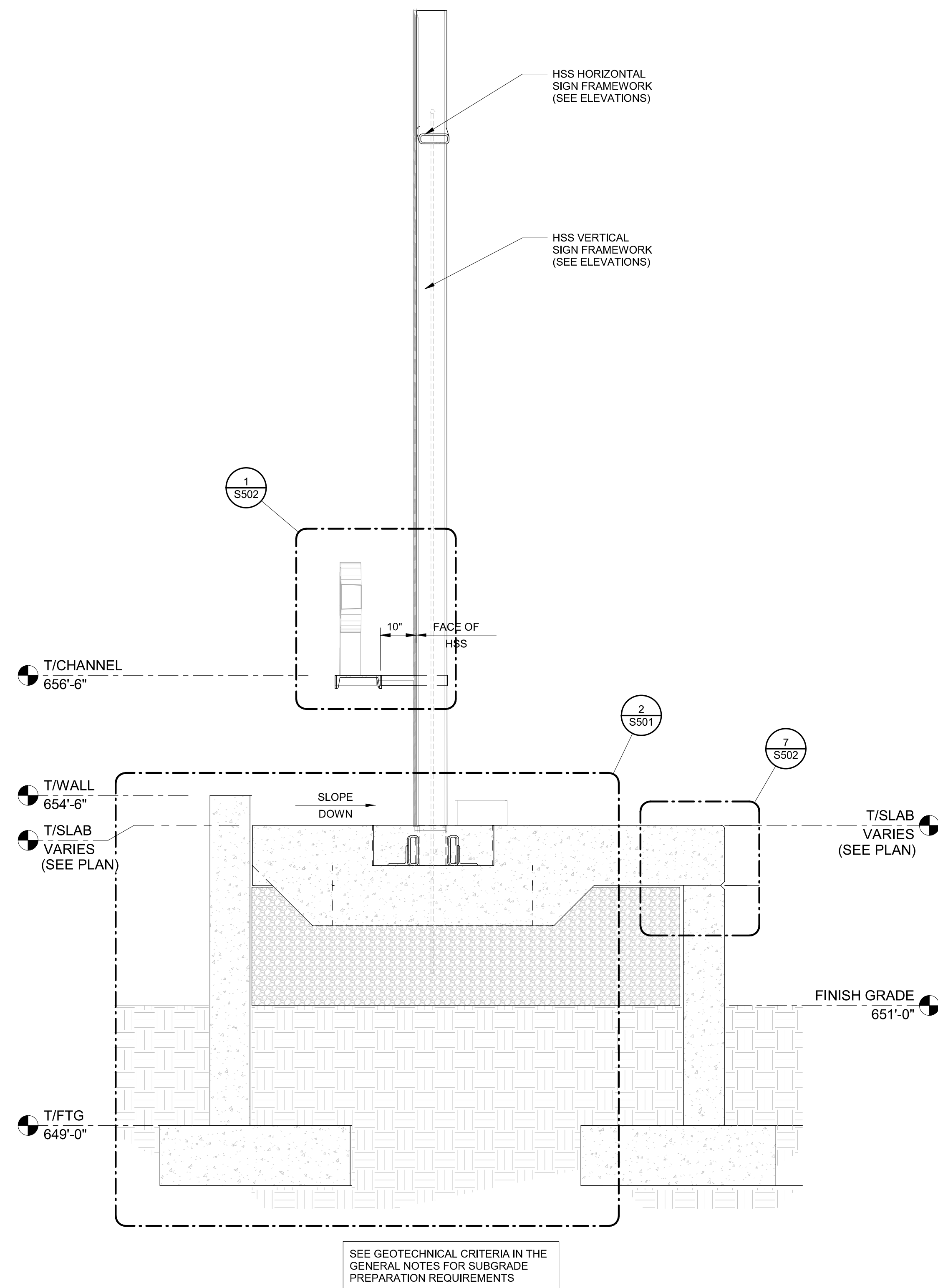
1/4" = 1'-0"



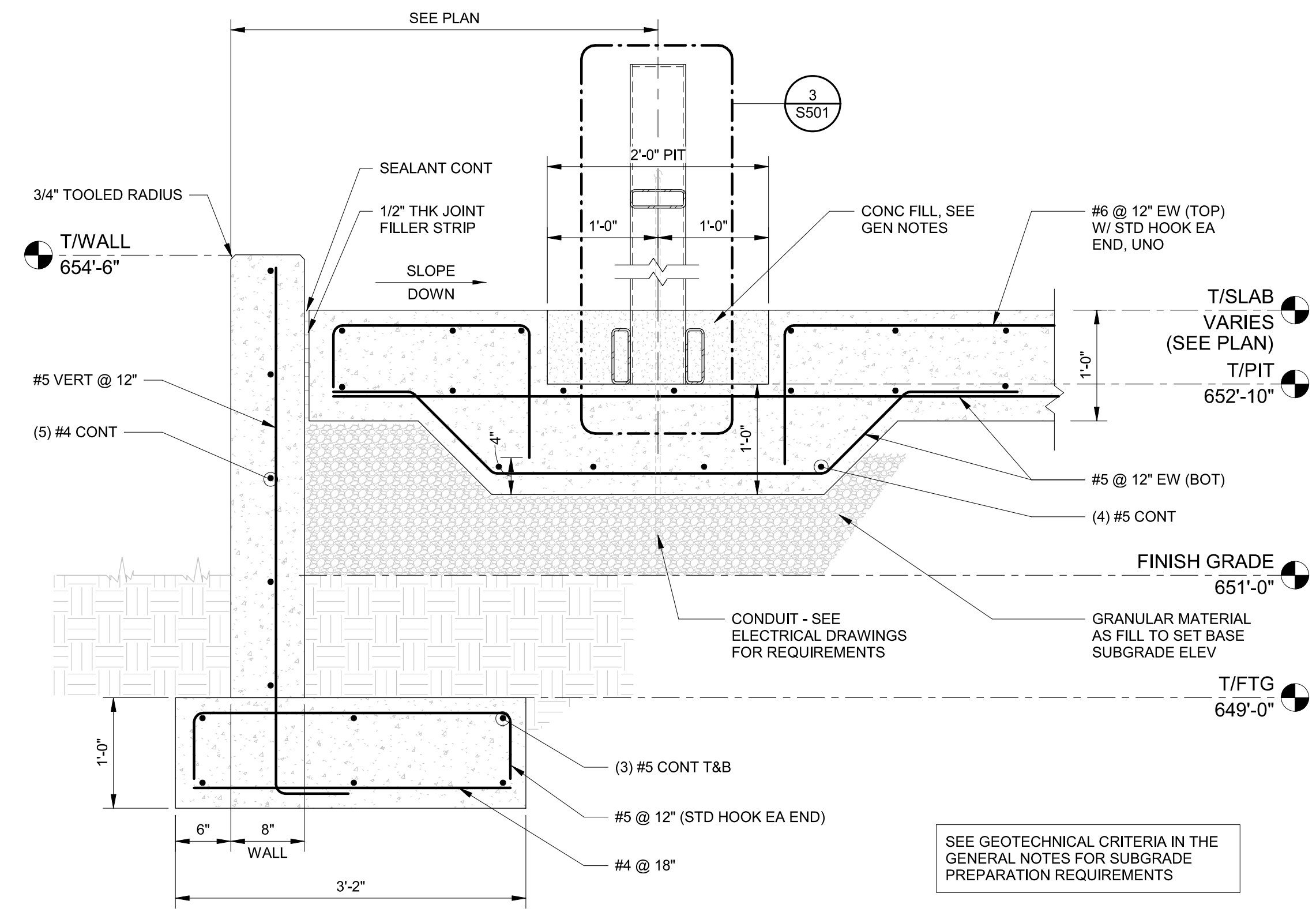
1 EAST ELEVATION  
1/4" = 1'-0"  
0' 2' 4' 8' 12'



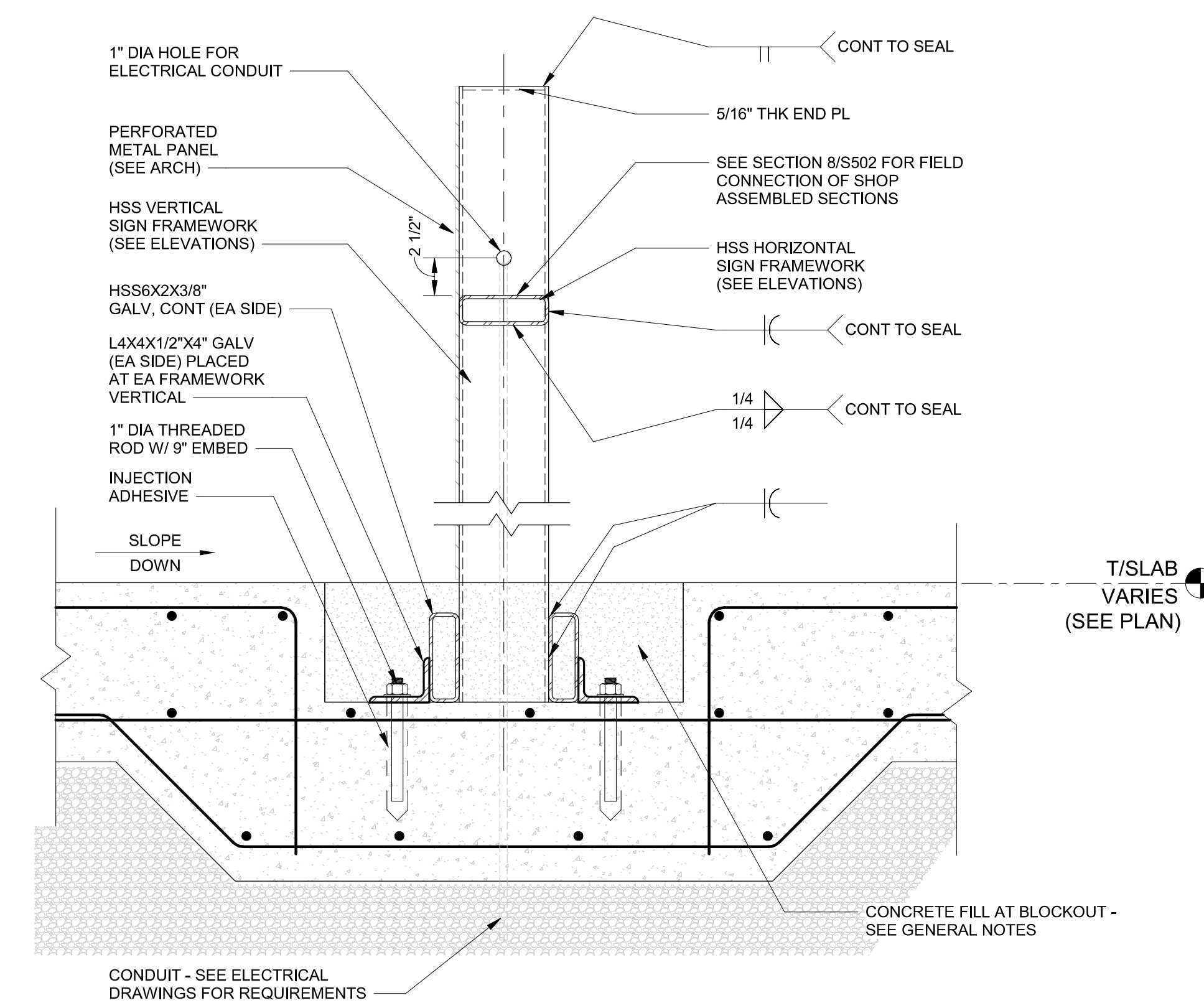
2 WEST ELEVATION  
1/4" = 1'-0"  
0' 2' 4' 8' 12'



**1** TYPICAL SECTION  
NOT TO SCALE

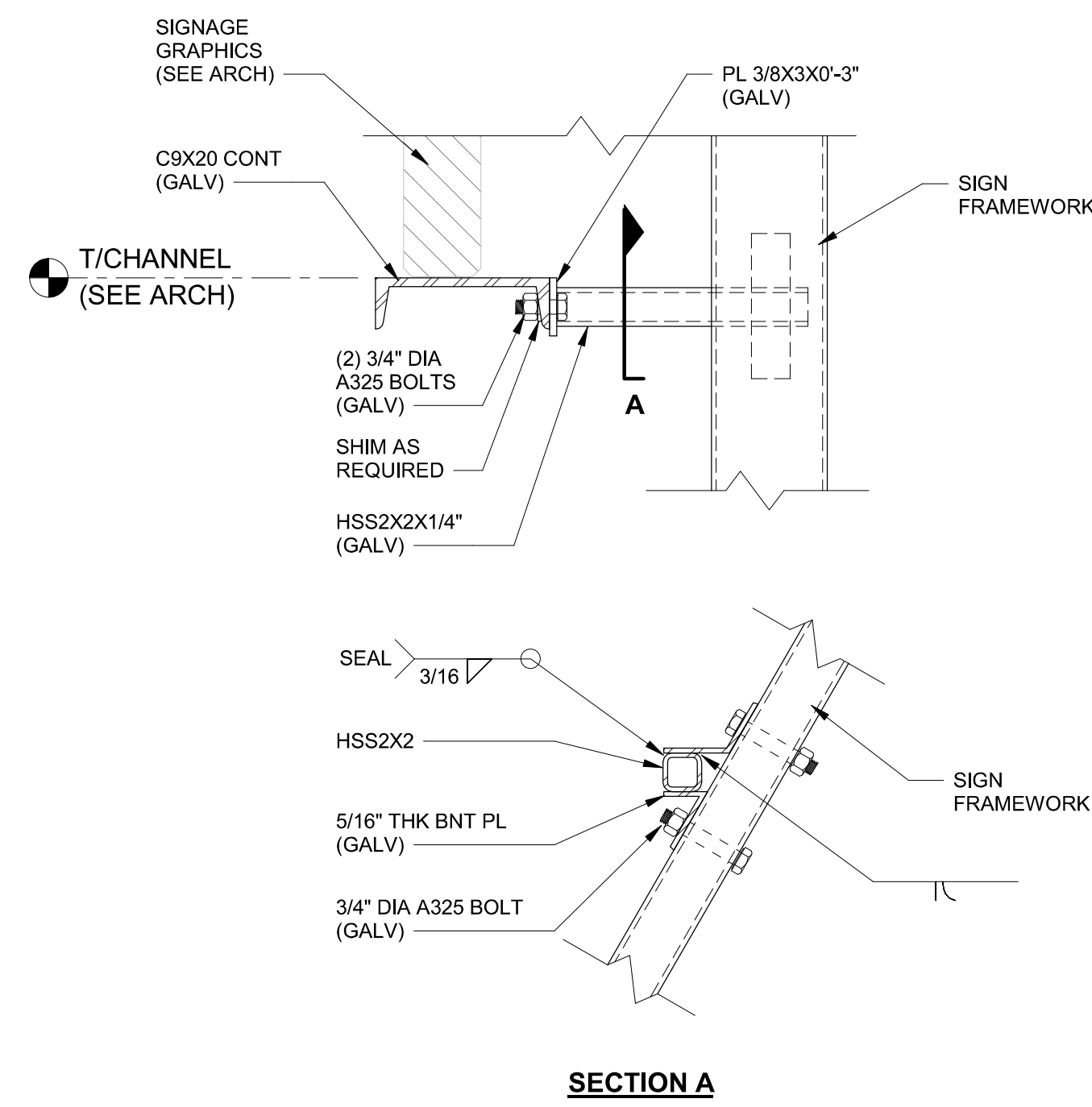


**2** TYPICAL FOUNDATION DETAIL  
NOT TO SCALE



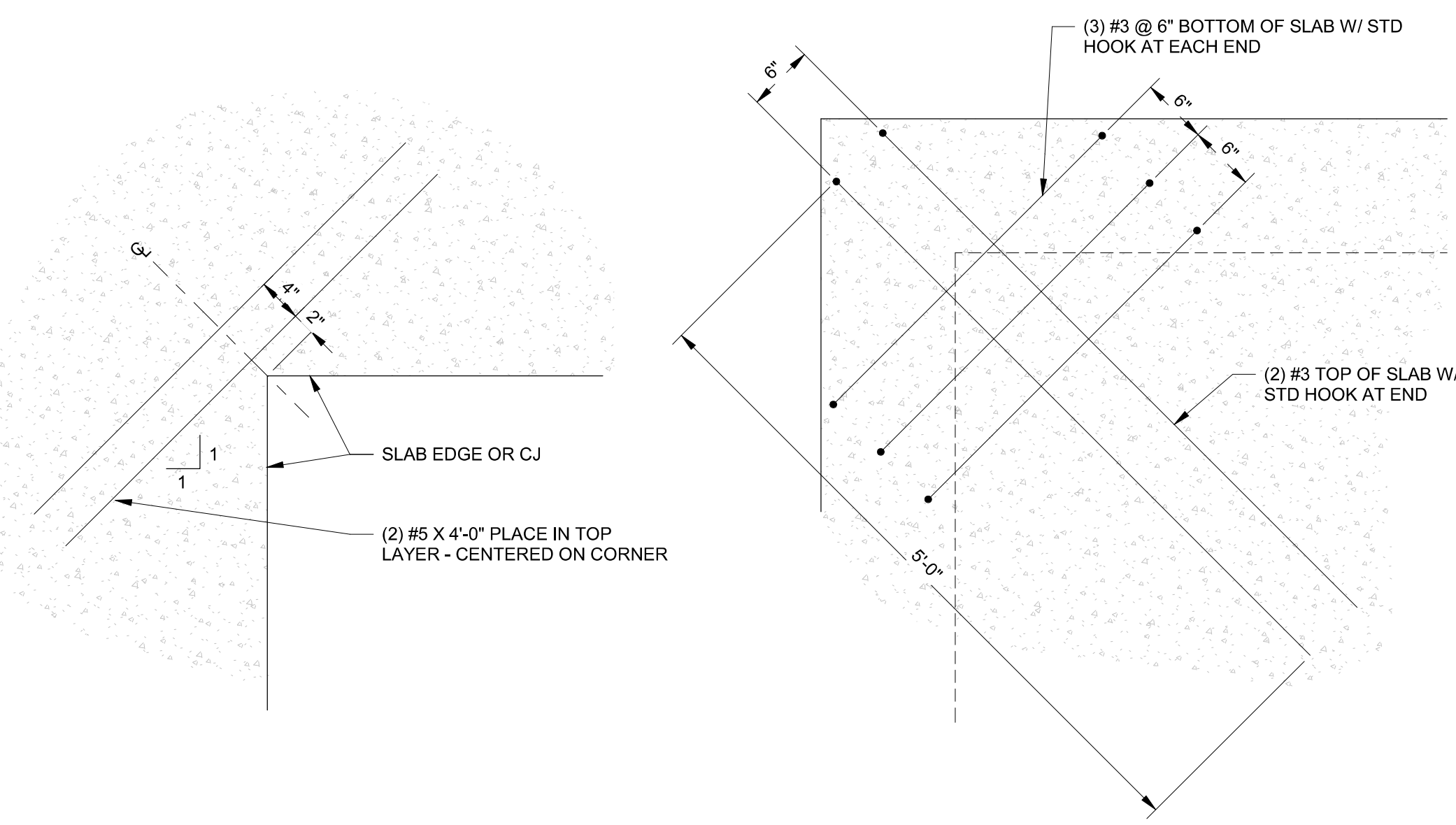
**3** TYPICAL SIGN FRAMEWORK CONNECTIONS DETAIL  
NOT TO SCALE

9/29/2023 3:54:28 PM

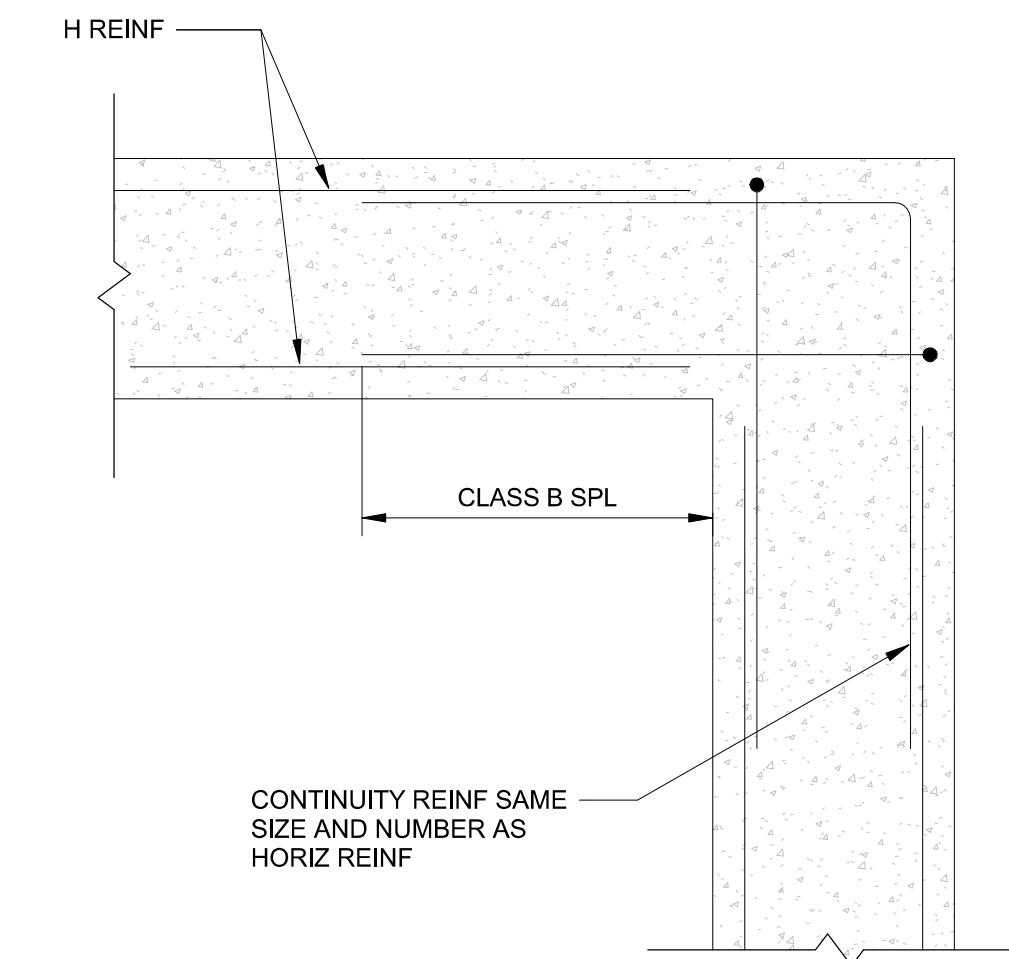


SECTION A

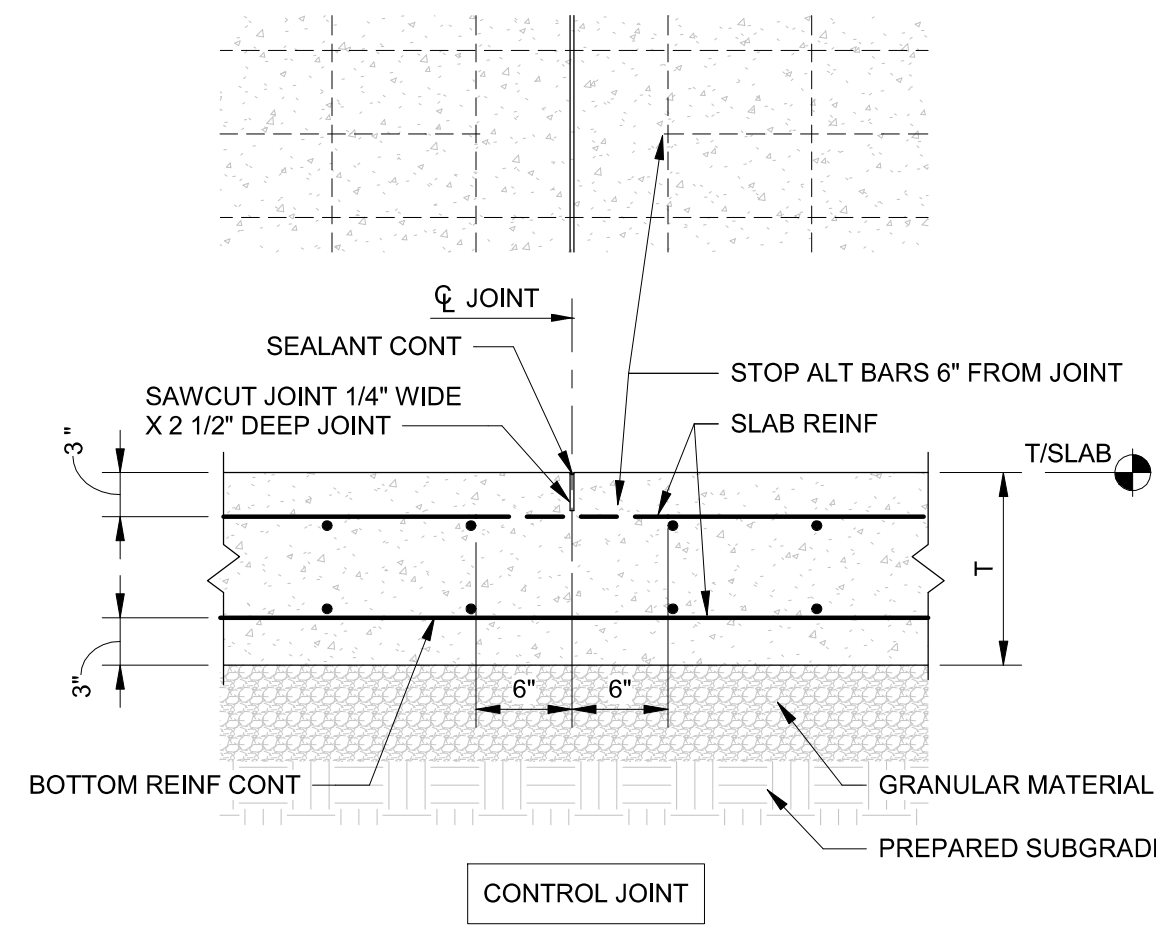
1 TYPICAL LETTER SUPPORT CONNECTION  
NOT TO SCALE



2 TYPICAL DIAGONAL REINF AT SLAB CORNERS  
NOT TO SCALE

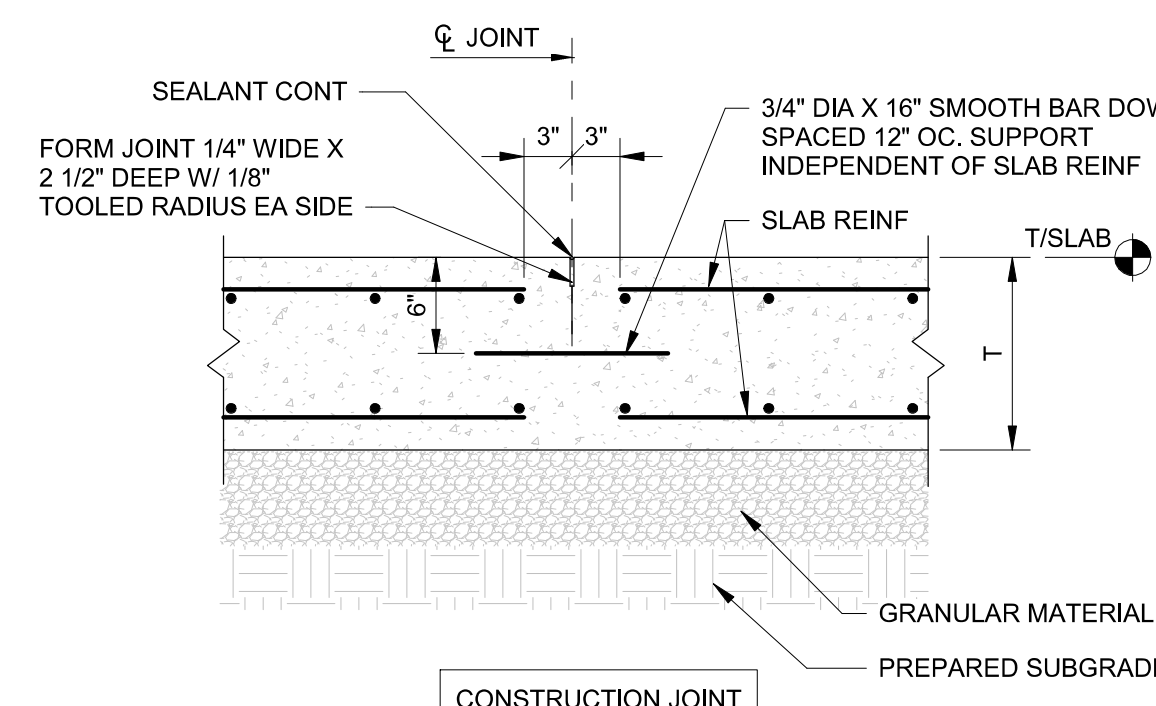


3 TYPICAL CONTINUITY PLAN FOR REINF AT WALL, FOOTING AND BOND BEAM CORNERS  
NOT TO SCALE



NOTES:

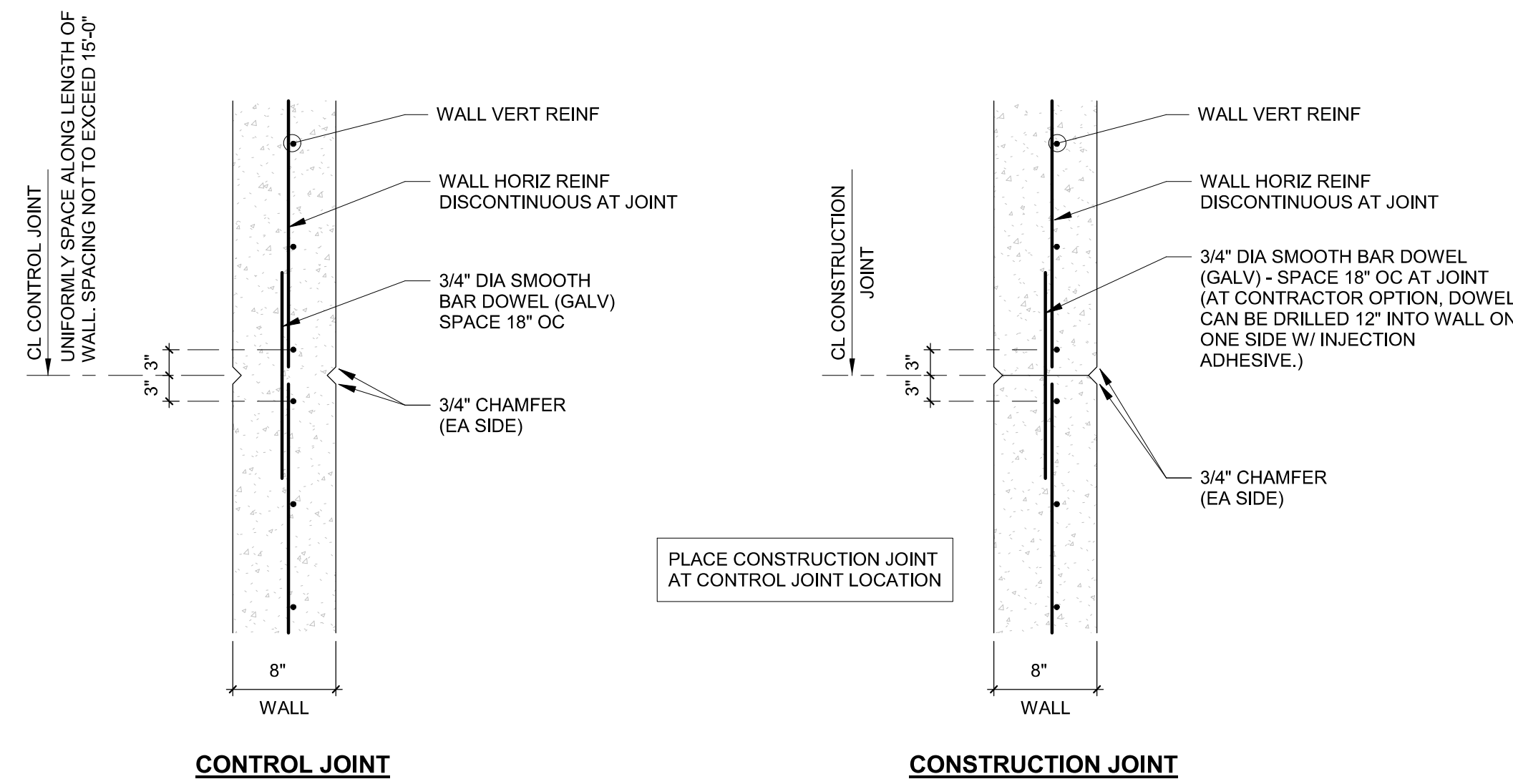
- REFER TO PLAN NOTES FOR SLAB THICKNESS AND REINFORCING REQUIREMENTS.
- SLAB REINFORCEMENT SHALL BE CHAIRED BY SOIL SUPPORTED SLAB BOLSTERS.
- SAW CUT CONTROL JOINTS AS SOON AS SLAB CAN SUPPORT WEIGHT OF WORKER AND SAW EQUIPMENT WITHOUT DAMAGE TO THE FINISH SURFACE OF THE SLAB.



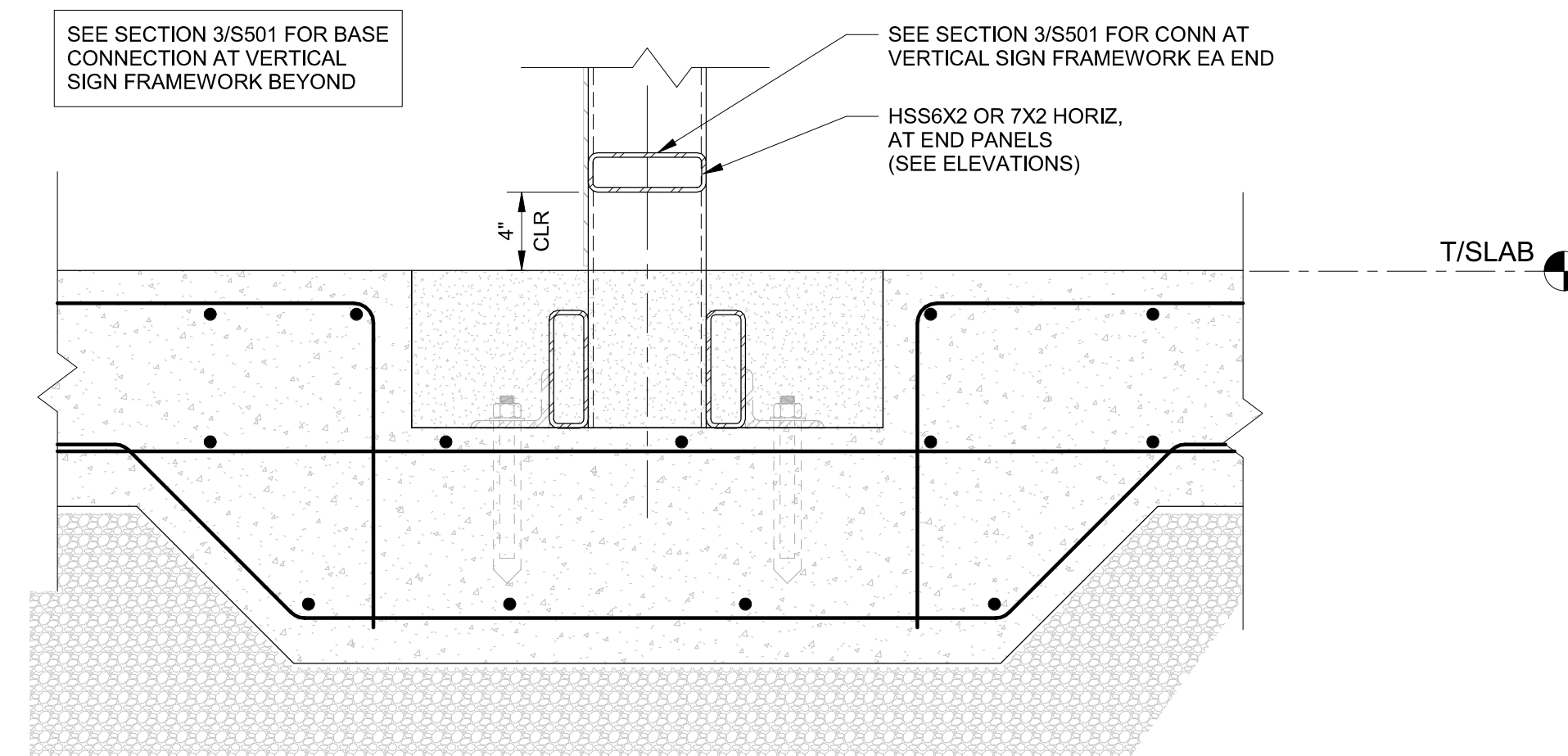
NOTES:

- REFER TO PLAN NOTES FOR SLAB THICKNESS AND REINFORCING REQUIREMENTS.
- SLAB REINFORCEMENT SHALL BE CHAIRED BY SOIL SUPPORTED SLAB BOLSTERS.
- BREAK BOND BETWEEN PREVIOUSLY PLACED AND NEW CONCRETE BY COATING FACE OF EXISTING CONCRETE WITH A BOND BREAKER.
- DOWELS SHALL BE SMOOTH, ALIGNED, AND SUPPORTED INDEPENDENTLY FROM SLAB REINFORCING TO MAINTAIN PARALLEL PLACEMENT IN BOTH THEIR HORIZONTAL AND VERTICAL PLANES.
- DOWELS SHALL BE PLACED PERPENDICULAR TO THE FACE OF THE EXISTING SLAB.
- PREVENT BOND BETWEEN DOWEL AND NEW CONCRETE BY COATING THE EXPOSED END OF THE DOWEL WITH FORM OIL OR GREASE RIGHT BEFORE SECOND CONCRETE PLACEMENT.

4 TYPICAL SLAB JOINTS FOR SLAB-ON-GRADE  
NOT TO SCALE

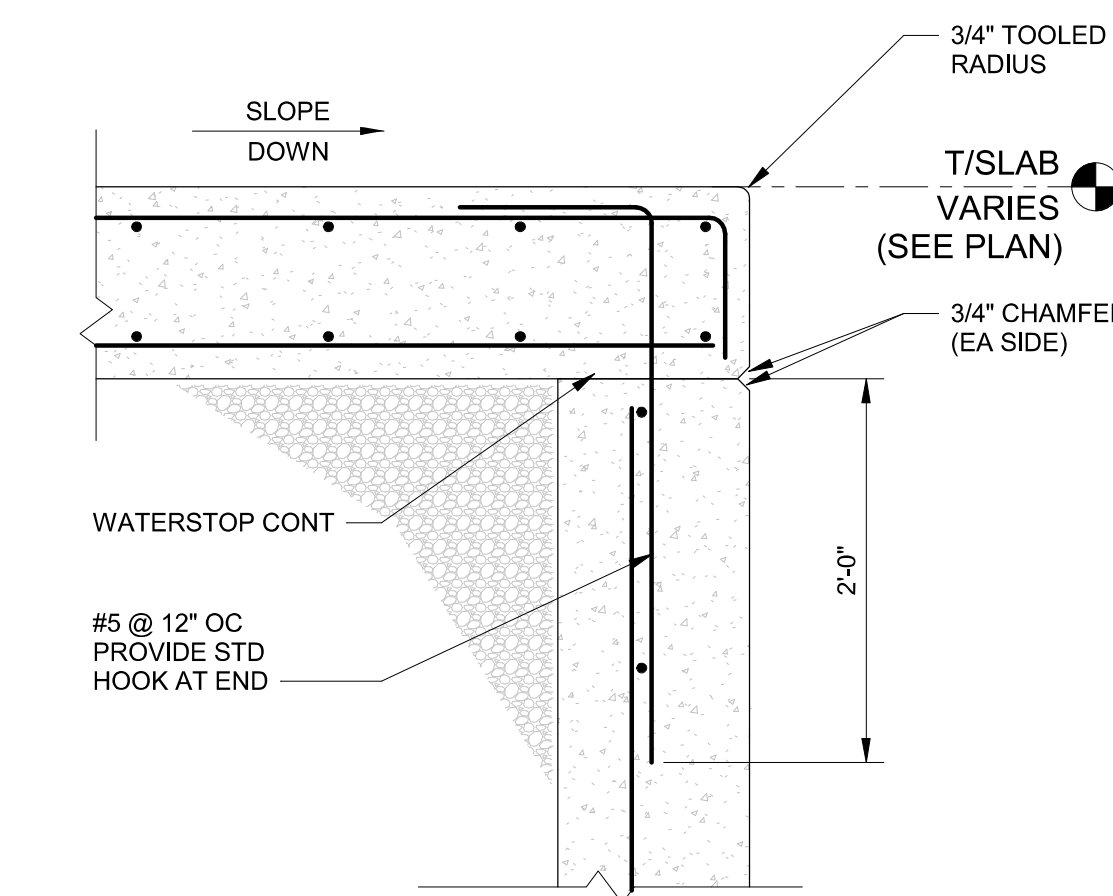


5 TYPICAL CONCRETE WALL JOINTS  
NOT TO SCALE

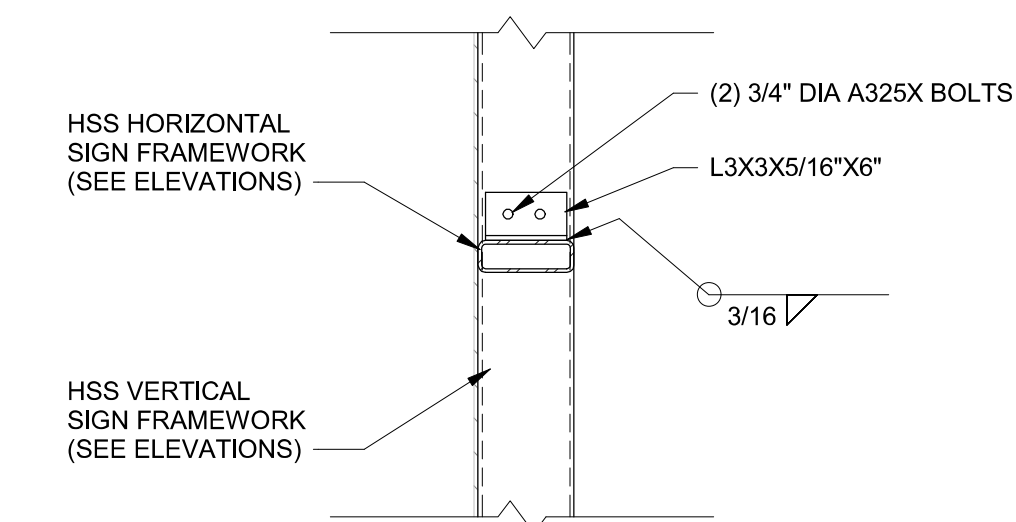


6 TYPICAL SIGN FRAMEWORK CONNECTIONS DETAIL  
NOT TO SCALE

7 EDGE OF SLAB  
NOT TO SCALE



8 FIELD CONNECTION AT HORIZONTAL SIGN FRAMEWORK MEMBER  
NOT TO SCALE



## GENERAL NOTES

- ALL RECEPTACLES AND SWITCHES SHALL BE FLUSH MOUNTED FOR ALL AREAS, UNLESS OTHERWISE NOTED.
- THE ELECTRICAL DRAWINGS ARE GENERALLY DIAGRAMMATIC. THE ELECTRICAL INSTALLATION SHALL BE COORDINATED WITH ALL OTHER TRADES SO THAT INTERFERENCES BETWEEN THE ELECTRICAL INSTALLATION AND ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, FIRE PROTECTION AND EQUIPMENT INSTALLATION WILL BE AVOIDED. REFER TO ARCHITECTURAL DRAWINGS.
- REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS, ROOM AND AREA FINISHES, CEILING PLANS, DOOR SWINGS, FIRE-RELATED PARTITIONS, CABINET AND CASEWORK AND BUILT-IN DETAILS.
- ELECTRICAL CONTRACTOR SHALL PROVIDE ALL DISCONNECTS TO MEET THE NATIONAL ELECTRIC CODE AND AS REQUIRED BY THE EQUIPMENT MANUFACTURER.
- ELECTRICAL CONTRACTOR TO PROVIDE BRANCH CIRCUIT WIRING AS REQUIRED FOR ALL EQUIPMENT FURNISHED BY OTHERS.
- ALL EXTERIOR EQUIPMENT AND DEVICES SHALL BE WEATHERPROOF AND RAIN-TIGHT.
- COORDINATE THE LOCATION OF CATV AND MATV CABLE STUB UP WITH THE OUTLET LOCATION.
- THE ELECTRICAL CONTRACTOR SHALL WIRE THE EMERGENCY SYSTEM PER N.E.C. ARTICLE 700.
- COORDINATE ALL DESIGN EFFORTS WITH FIRE RESISTANCE OF MATERIALS AND CONSTRUCTION.
- FINAL DETERMINATION OF FIRE STOPPING REQUIREMENTS SHALL BE BASED ON LOCAL CODE REQUIREMENTS.
- PROVIDE HORN / STROBES AND FIRE ALARM DEVICES IN CORRIDORS PER NFPA 72.
- ALL DEVICES SHALL BE COMMERCIAL GRADE.
- ALL APPLICABLE CODES SHALL BE COMPLIED WITH.
- ALL RECEPTACLES SHALL BE 18" AFF UNLESS NOTED OTHERWISE.

## ELECTRICAL SYMBOLS LEGEND

(SYMBOLS APPLY ONLY WHEN USED ON DRAWINGS)

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
\$K	SWITCH, KEYED	IO / O	INCANDESCENT OR HID FIXTURE (WALL MOUNTED/CEILING MOUNTED)
\$D	SWITCH, DIMMER	[ ]	FLUORESCENT FIXTURE
\$VS	SWITCH, VARIABLE SPEED	[ ]	FLUORESCENT FIXTURE, NIGHT LIGHT
\$M	SWITCH, MANUAL MOTOR	⊖ ⊖ ⊖	TRACK LIGHTING
OS OR \$OS	SWITCH, OCCUPANCY SENSOR	IO / ⊗	EXIT FIXTURE (WALL MOUNTED/CEILING MOUNTED)
\$\$OS	SWITCH, BI-LEVEL OCCUPANCY SENSOR	⊖	EMERGENCY FIXTURE
⊖	RECEPTACLE, DUPLEX	\$	SWITCH, SINGLE POLE
⊖	RECEPTACLE, DUPLEX, MOUNTED HORIZONTALLY	\$3	SWITCH, 3-WAY
⊖	RECEPTACLE, DUPLEX FLUSH FLOOR	\$4	SWITCH, 4-WAY
⊖	RECEPTACLE, DUPLEX ISOLATED GROUND FLUSH FLOOR	[ ]	FLUSH MOUNTED PANELBOARD
⊖	RECEPTACLE, DOUBLE DUPLEX	[ ]	SURFACE MOUNTED PANELBOARD
⊖	RECEPTACLE, DUPLEX ISOLATED GROUND	▼ ▼ ▼	TELEPHONE / DATA & TELEPHONE / DATA
⊖	RECEPTACLE, DOUBLE DUPLEX, ISOLATED GROUND	∇ <sub>w</sub>	TV OUTLET
⊖	RECEPTACLE, SIMPLEX TWIST LOCK,	▼	TELEPHONE, FLUSH FLOOR
⊖	RECEPTACLE, SIMPLEX TWIST LOCK, ISOLATED GROUND	⊗	MOTOR
⊖	RECEPTACLE, DUPLEX TWIST LOCK,	□	PUSH BUTTON
⊖	RECEPTACLE, DUPLEX TWIST LOCK, ISOLATED GROUND	CR	CARD READER
⊖	RECEPTACLE, SPECIAL	ABBREVIATIONS	
⊖	RECEPTACLE, SIMPLEX	AC	ABOVE COUNTER
⊖	JUNCTION BOX (WALL MOUNTED/CEILING MOUNTED)	CF	CEILING FAN
⊖	ALARM JUNCTION BOX, (WALL MOUNTED/CEILING MOUNTED)	CO	CHECK OUT
⊖	EQUIPMENT CONNECTION POINT (PROVIDED WITH EQUIPMENT)	CW	CASH/WRAP
⊖	NON-FUSED DISCONNECT	EF	EXHAUST FAN
⊖	FUSED DISCONNECT	G	GROUND
⊖	CIRCUIT, CONCEALED IN WALLS OR CEILING,	GFI	GROUND FAULT CIRCUIT INTERRUPTER
⊖	CIRCUIT, CONCEALED IN SLAB FLOOR,	IG	ISOLATED GROUND
⊖	CIRCUIT, EXPOSED,	REC	REFRIGERATION ELECTRICAL CONTRACTOR
		RC	REFRIGERATION CONTRACTOR
		RH	RADIANT HEATER
		SC	SECURITY CAMERA
		UH	UNIT HEATER
		WH	WATER HEATER
		WP	WEATHER PROOF

# GH2 ARCHITECTS



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7777 Airport Dr, Tulsa, OK 74115

**E000**

GENERAL NOTES, LEGENDS, SYMBOLS, & SCHEDULES

**GH2 ARCHITECTS**

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GH2 PROJECT NUMBER:

**20220001**

ISSUE DATE:

**09/29/2023**

ISSUE:

**CONSTRUCTION DOCUMENTS**

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NO. DESCRIPTION DATE

SHEET NAME:

**GENERAL NOTES, LEGENDS, SYMBOLS, & SCHEDULES**

SHEET NUMBER:

**E000**

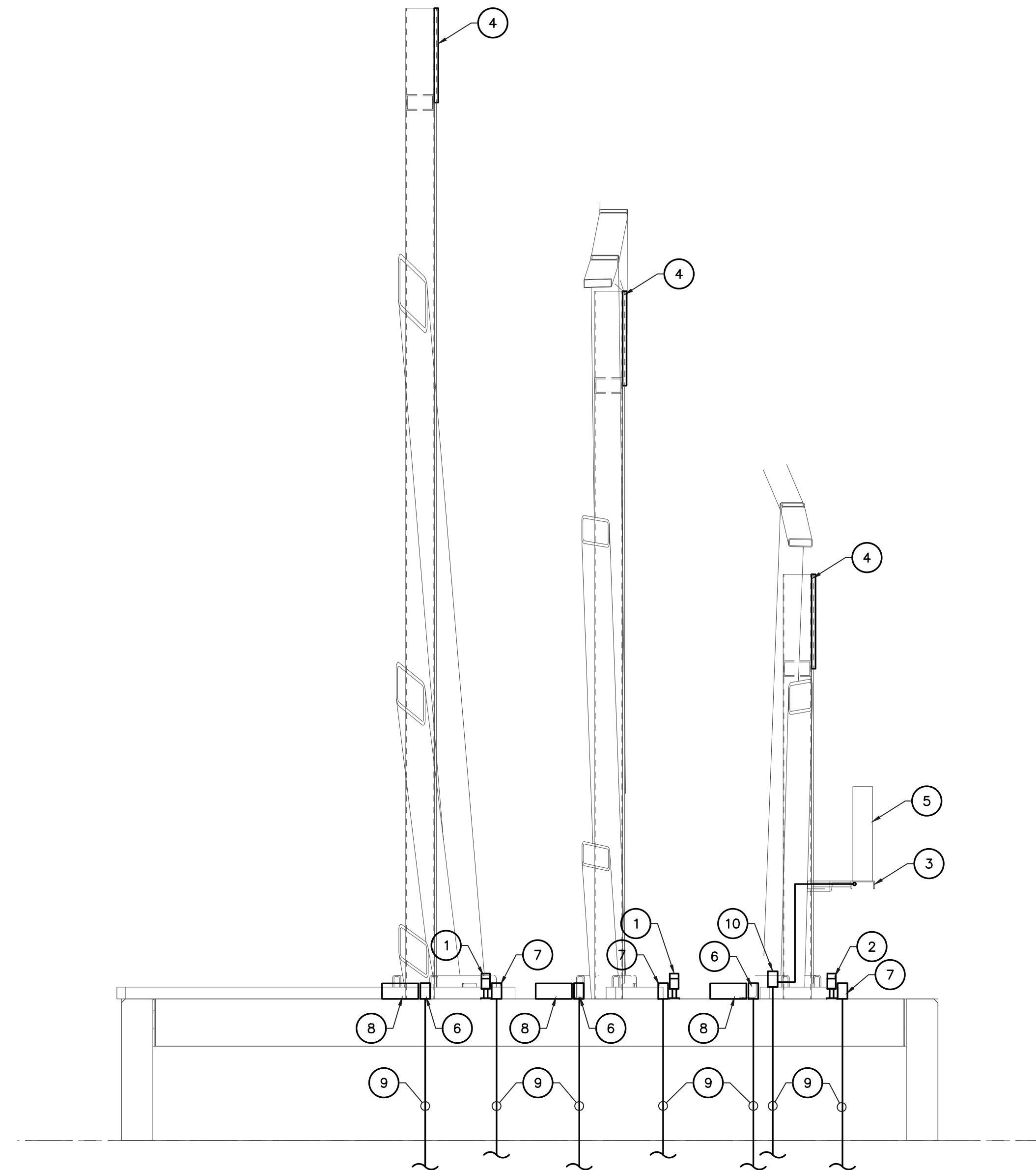
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## GENERAL NOTES

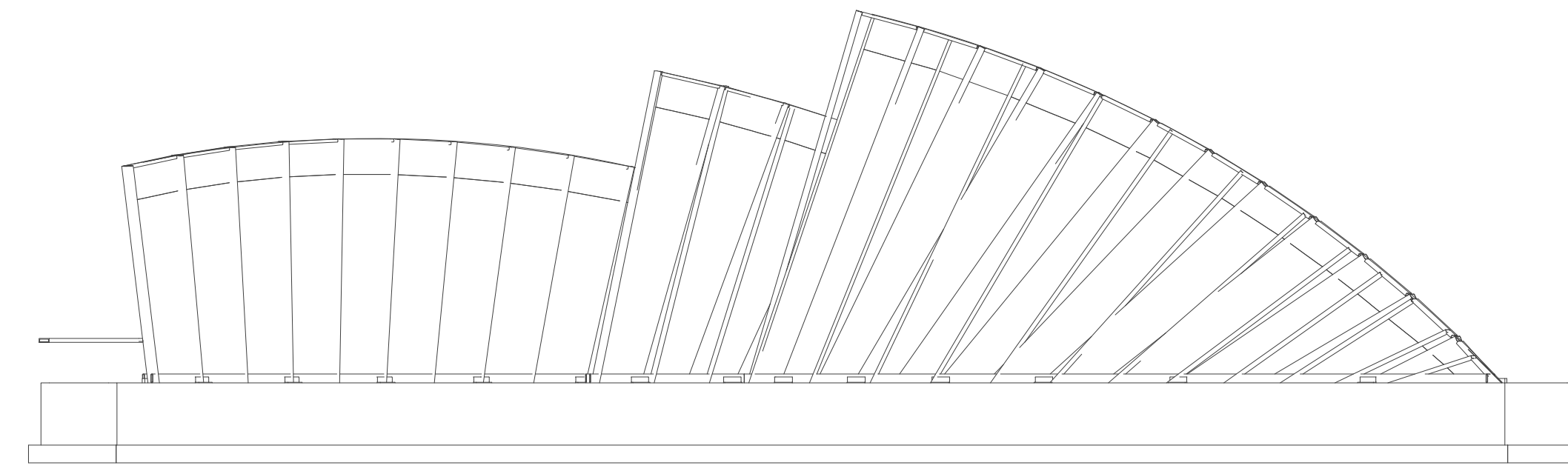
- ALL WORK SHALL BE ACCOMPLISHED IN STRICT ACCORDANCE WITH GOOD INSTALLATION PRACTICES, SPECIFICATIONS, AND THE LATEST EDITIONS OF ALL APPLICABLE LOCAL, STATE AND NATIONAL CODES. ALL COMPONENTS SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
- PLANS SHOWN ARE DIAGRAMMATICAL IN NATURE AND DO NOT INDICATE EVERY FITTING, TRANSITION, BOX, ETC REQUIRED. THEREFORE, CONTRACTOR IS TO COORDINATE ALL ELECTRICAL REQUIREMENTS WITH OTHER TRADES PRIOR TO INSTALLATION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING COMPLETE AND OPERATIONAL SYSTEMS SHOWN ON PLAN.
- ALL CONDUIT, POWER WIRES, RECEPTACLE BOXES, RECEPTACLES, AND OVERLOAD PROTECTION DEVICES SHALL BE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR.
- ALL CONDUIT SIZES SHALL BE DETERMINED BY ELECTRICAL CONTRACTOR, UNLESS OTHERWISE NOTED.
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR GROUNDING OF ALL ELECTRICAL EQUIPMENT.
- PROVIDE UNSWITCHED SOURCE FOR EGRESS AND EXIT LIGHTING ON CIRCUITS SHOWN. EMERGENCY FIXTURES SHALL ALSO HAVE UNSWITCH SOURCE TO RELAY.

## # KEYNOTES

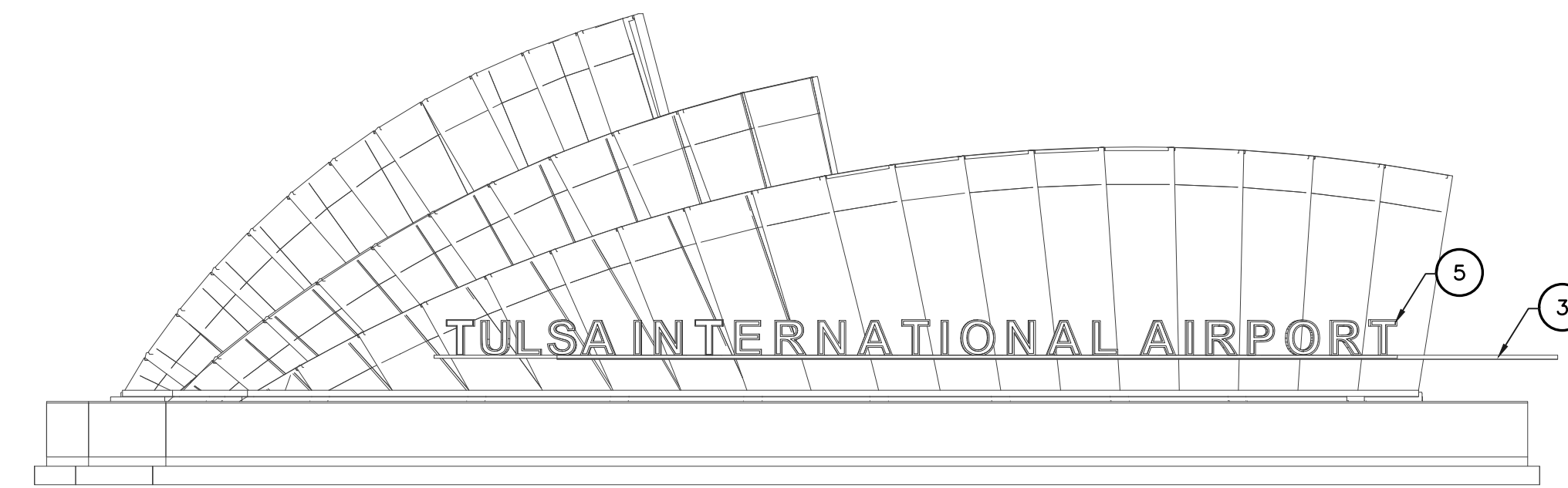
- RGB LINEAR FIXTURE, LOG-277-48-RGBW30K-10X10-SAM-BK-DMX/RDM-CRC, MOUNTED TO CONCRETE BASE.
- RGB LINEAR FIXTURE, LOG-277-48-RGBW30K-30X30-SAM-BK-DMX/RDM-CRC, MOUNTED TO CONCRETE BASE.
- 2"X6" STEEL CHANNEL TO SUPPORT CHANNEL LETTERS, CONDUIT TO BE RUN ON BOTTOM SIDE OF CHANNEL. CONDUIT TO BE RUN ON BOTTOM SIDE OF CHANNEL.
- EXTERIOR RATED RGBW LED STRIP LIGHTS. POWER TO BE ROUTED THROUGH STEEL FRAME.
- INTERNALLY LIT RGBW CHANNEL LETTER.
- JUNCTION BOX FOR DMX POWER SUPPLY FOR TYPE 'L2' LIGHT FIXTURE.
- JUNCTION BOX FOR DMX POWER SUPPLY FOR TYPE 'L1A' & 'L1B' LIGHT FIXTURES.
- PROPOSED DMX CONTROLLER LOCATION.
- UNDERGROUND CONDUIT TO BE ROUTED FROM PANEL 'A' LOCATION AND STUBBED UP AT J-BOX LOCATIONS IN SIGN BASE.
- JUNCTION BOX FOR INTERNALLY LIT RGBW CHANNEL LETTERS.



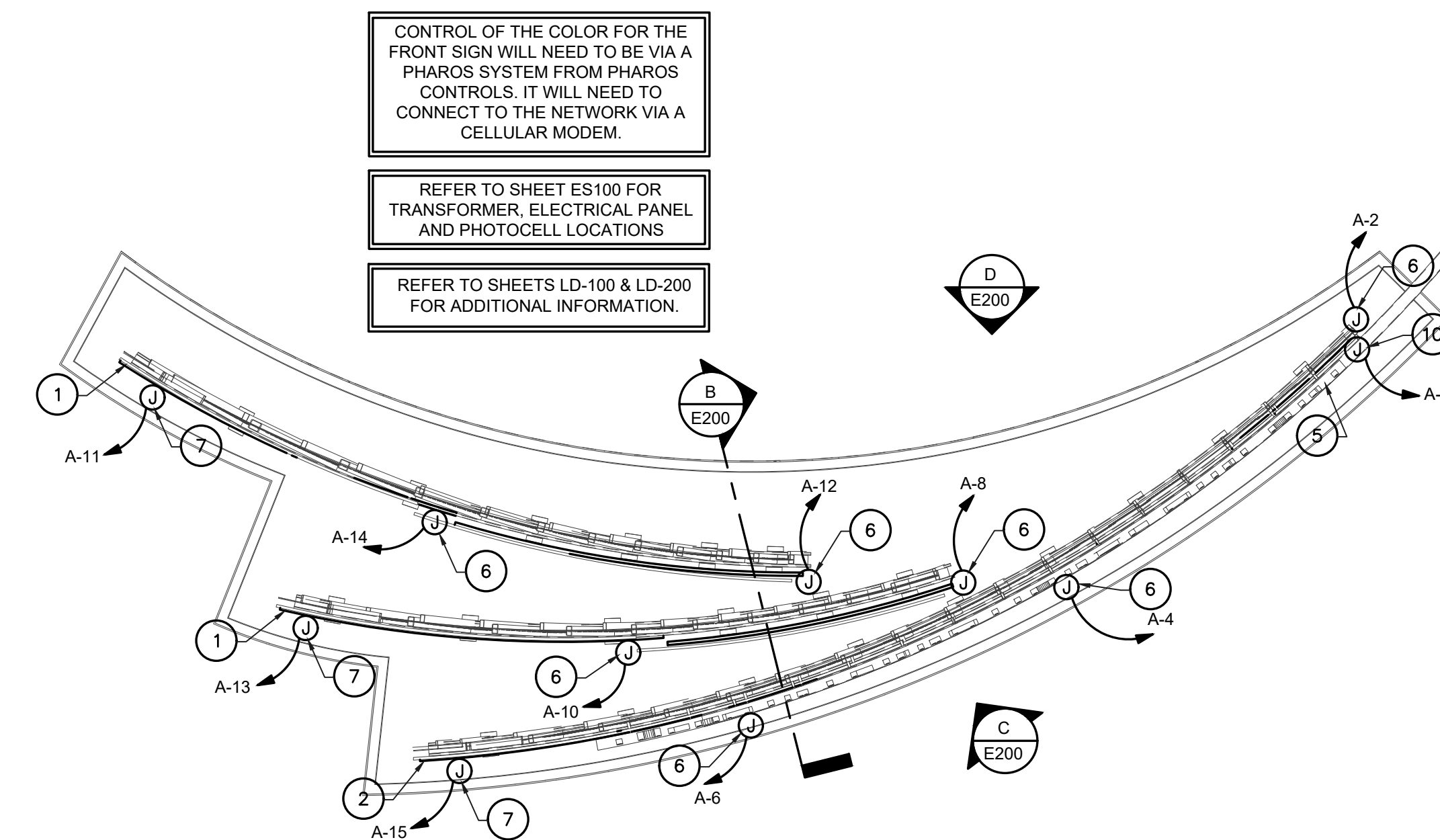
**B SIGN SECTION**  
1/2" = 1'-0"



**D ELEVATION B**  
1/8" = 1'-0"



**C ELEVATION A**  
1/8" = 1'-0"



**A ELECTRICAL PLAN**  
1/8" = 1'-0"



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**E400**  
ONE-LINE DIAGRAM & PANEL SCHEDULES

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GH2 PROJECT NUMBER:  
**20220001**

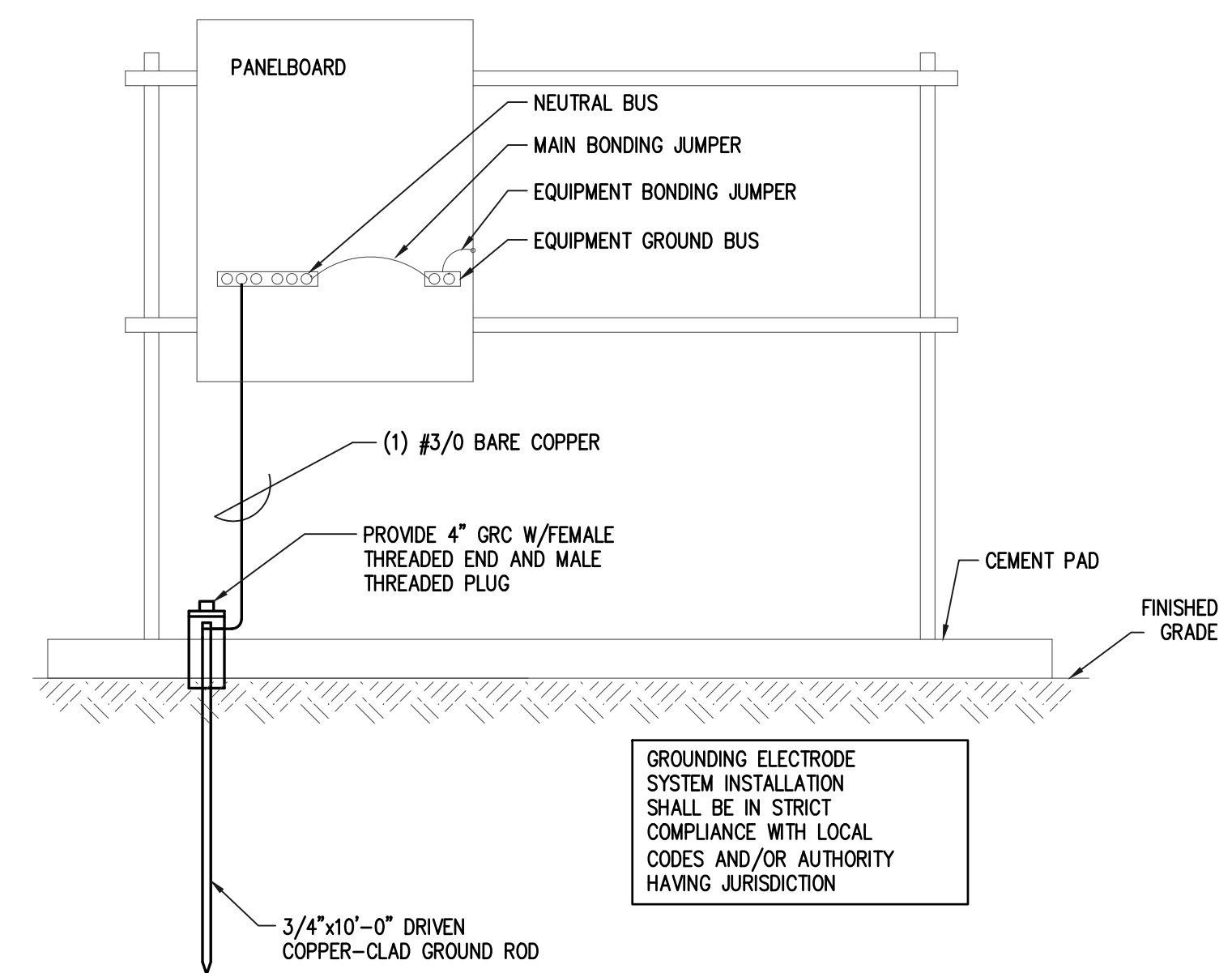
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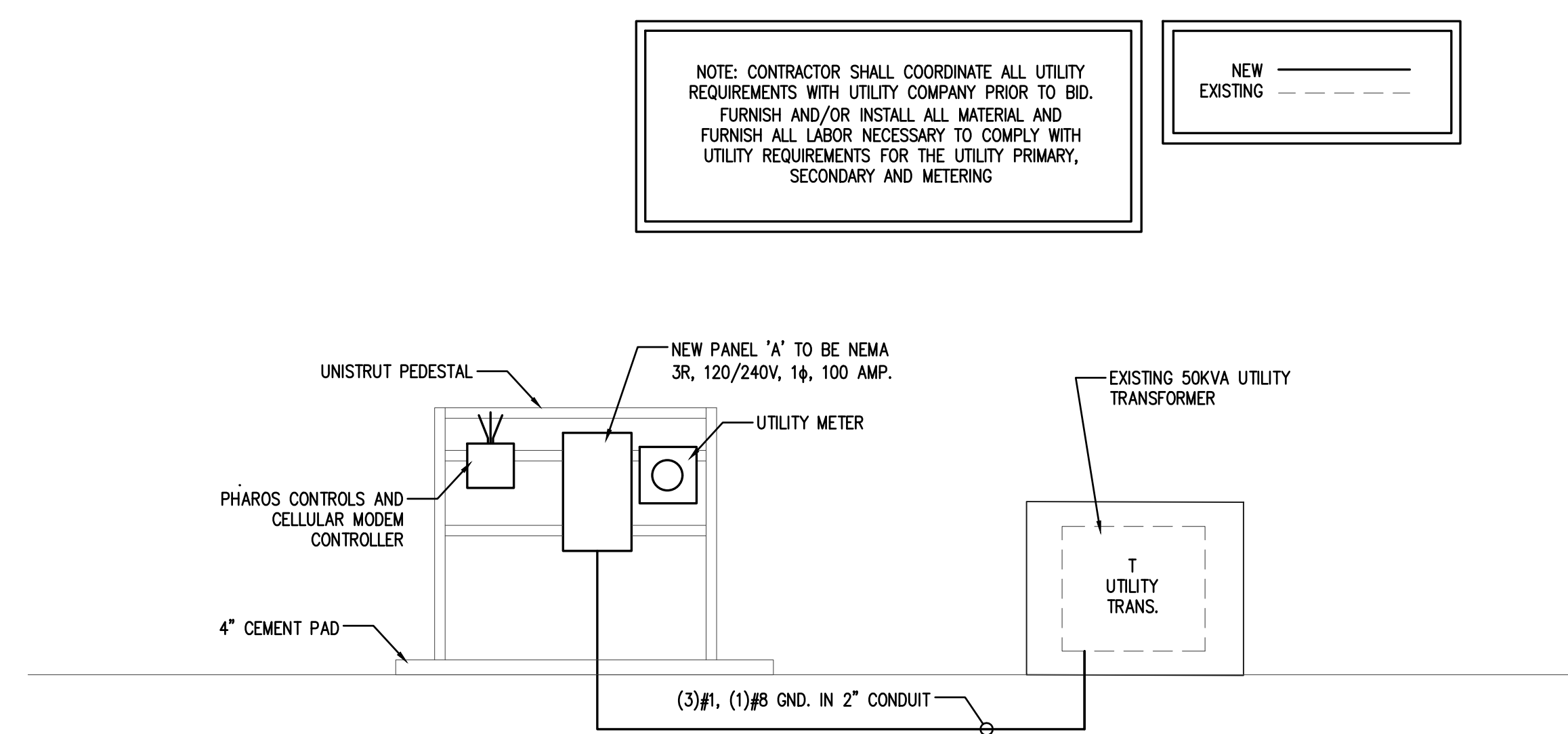
SHEET NAME:  
**ONE-LINE DIAGRAM & PANEL SCHEDULE**

SHEET NUMBER:  
**E300**



**B UNISTRUT GROUNDING DETAIL**  
N.T.S.

A		ELECTRICAL PANEL SCHEDULE (NEW)																		
SERVICE:		120/240V, 1PH, 3W, +GND				BUS RATING:				100 MCB				FEEDERS:						
PANEL TYPE:		NEMA 1				AIC RATING:				MOUNTING:										
EQUIP No.	DESCRIPTION	NOTE	CAT	AMPS	(KVA)	N	PH	CB/P	#	A	B	#	CB/P	N	(KVA)	AMPS	CAT	NOTE	DESCRIPTION	EQUIP No.
	RELOC. CIRCUIT			0.0	0.000	12	12	20/1	1	*		2	20/1	12	0.100	0.8			POWER SUPPLY #1	
	RELOC. CIRCUIT			0.0	0.000	12	12	20/1	3	*		4	20/1	12	0.100	0.8			POWER SUPPLY #2	
	RELOC. CIRCUIT			0.0	0.000	12	12	20/1	5	*		6	20/1	12	0.100	0.8			POWER SUPPLY #3	
	RELOC. CIRCUIT			0.0	0.000	12	12	20/1	7	*		8	20/1	12	0.100	0.8			POWER SUPPLY #4	
	RELOC. CIRCUIT			0.0	0.000	12	12	20/1	9	*		10	20/1	12	0.100	0.8			POWER SUPPLY #5	
	L1A & L1B LTS			0.8	0.100	12	12	20/1	11	*		12	20/1	12	0.100	0.8			POWER SUPPLY #6	
	L1A & L1B LTS			0.8	0.100	12	12	20/1	13	*		14	20/1	12	0.100	0.8			POWER SUPPLY #7	
	L1A & L1B LTS			0.8	0.100	12	12	20/1	15	*		16	20/1	12	0.100	0.8			POWER SUPPLY #8	
	PHAROS CELL MODEM			1.5	0.180	12	12	20/1	17	*		18	20/1		0.000	0.0			SPARE	
	SPARE			0.0	0.000				19	*		20	20/1		0.000	0.0			SPARE	
	SPARE			0.0	0.000				21	*		22	20/1		0.000	0.0			SPARE	
	SPARE			0.0	0.000				23	*		24	20/1		0.000	0.0			SPARE	
TOTAL CONNECTED LOAD:				1 KVA	PHASE "A":		0.68		KVA 6.67		AMPS				NOTES:					
TOTAL CONNECTED AMPS:				5 AMPS	PHASE "B":		0.60		KVA 6.00		AMPS				LO: LOCK ON/OFF BREAKER					
TOTAL CALCULATED LOAD:				2 KVA											GFCI: GROUND FAULT CIRCUIT INTERRUPT					
TOTAL CALCULATED AMPS:				6 AMPS											- EXISTING WIRE TO REMAIN					
															* CONTRACTOR TO FIELD VERIFY AND RECONNECT AS REQUIRED					



**A ONE-LINE DIAGRAM**  
N.T.S.

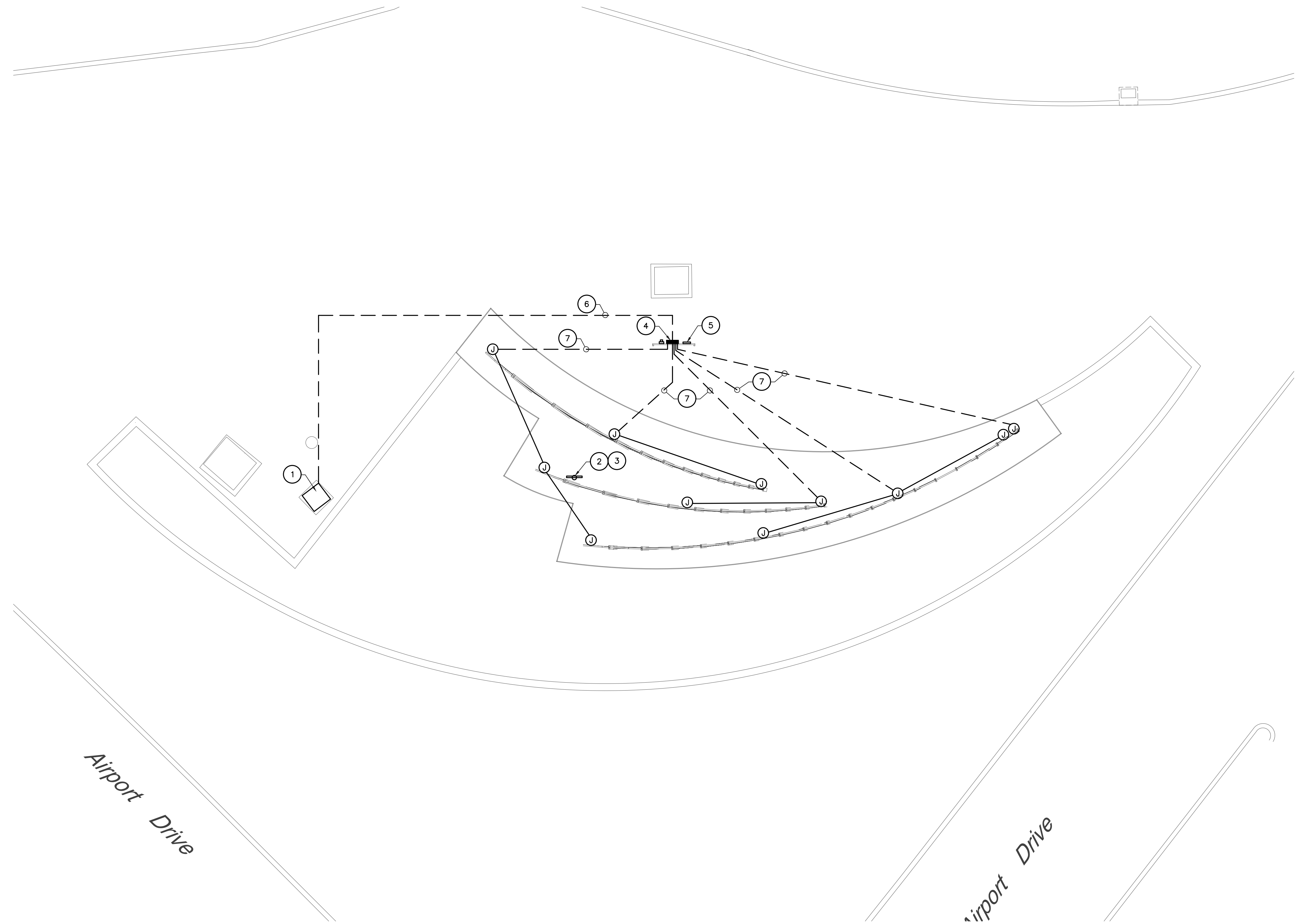


## GENERAL NOTES

1. ALL WORK SHALL BE ACCOMPLISHED IN STRICT ACCORDANCE WITH GOOD INSTALLATION PRACTICES, SPECIFICATIONS, AND THE LATEST EDITIONS OF ALL APPLICABLE LOCAL, STATE AND NATIONAL CODES. ALL COMPONENTS SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
2. PLANS SHOWN ARE DIAGRAMMATICAL IN NATURE AND DO NOT INDICATE EVERY FITTING, TRANSITION, BOX, ETC REQUIRED. THEREFORE, CONTRACTOR IS TO COORDINATE ALL ELECTRICAL REQUIREMENTS WITH OTHER TRADES PRIOR TO INSTALLATION.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING COMPLETE AND OPERATIONAL SYSTEMS SHOWN ON PLAN.
4. ALL CONDUIT, POWER WIRES, RECEPTACLE BOXES, RECEPTACLES, AND OVERLOAD PROTECTION DEVICES SHALL BE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR.
5. ALL CONDUIT SIZES SHALL BE DETERMINED BY ELECTRICAL CONTRACTOR, UNLESS OTHERWISE NOTED.
6. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR GROUNDING OF ALL ELECTRICAL EQUIPMENT.
7. PROVIDE UNSWITCHED SOURCE FOR EGRESS AND EXIT LIGHTING ON CIRCUITS SHOWN. EMERGENCY FIXTURES SHALL ALSO HAVE UNSWITCH SOURCE TO RELAY.

## # KEYNOTES

1. EXISTING 120/240V, 50KVA UTILITY TRANSFORMER.
2. EXISTING POWER POLE WITH EXISTING METER & EXISTING PHOTOCELL CONTROLS TO BE REMOVED AND REPLACED WITH NEW UNISTRUT PEDESTAL, METER, & CELLULAR MODEM CONTROLLER.
3. EXISTING (24) CIRCUIT ELECTRICAL PANEL TO BE REPLACED WITH NEW PANEL 'A'. (6) EXISTING BREAKERS TO BE RELOCATED TO NEW PANEL AS REQUIRED.
4. NEW 120/240V, 1φ, 3-WIRE PANEL 'A'.
5. PHAROS SYSTEMS CELLULAR MODEM CONTROLLER LOCATION. POWER CONTROLLER VIA CIRCUIT 'A-17'.
6. NEW FEEDER AND CONDUIT FROM UTILITY TRANSFORMER. REFER TO ONE-LINE DIAGRAM ON SHEET E300 FOR ADDITIONAL INFORMATION.
7. (2) 1" UNDERGROUND CONDUITS. (1) CONDUIT FOR POWER, (1) DATA CONDUIT WITH PULLSTRING.



## A ELECTRICAL PLAN

1/8" = 1'-0"

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**E200**  
ELECTRICAL PLAN

**GH2 ARCHITECTS**

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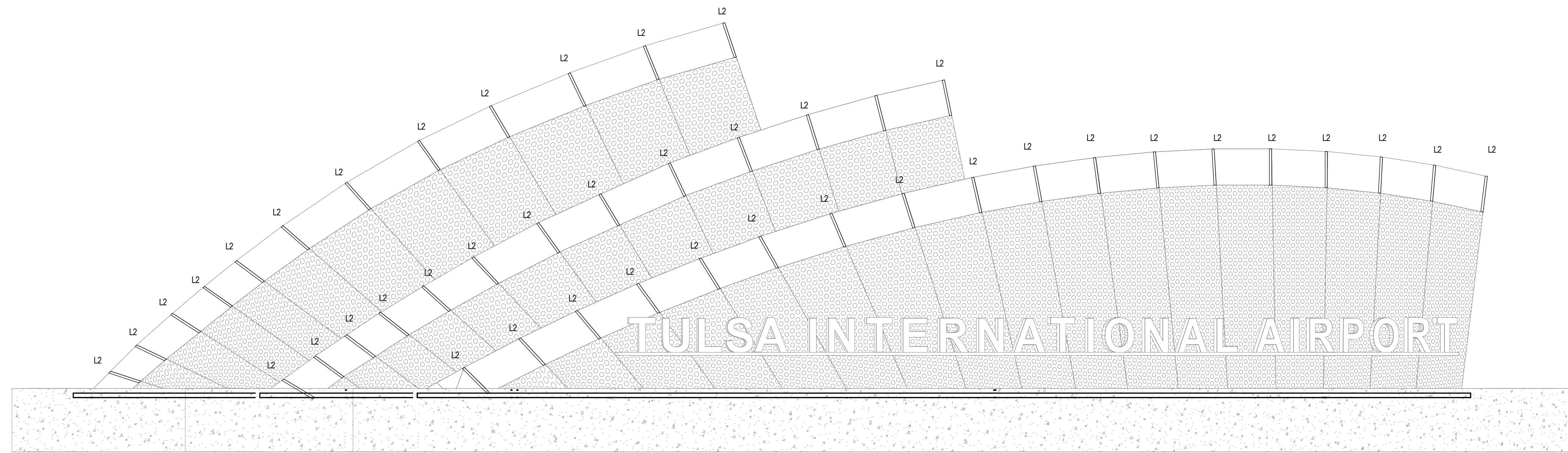
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**ELECTRICAL  
SITE  
PLAN**

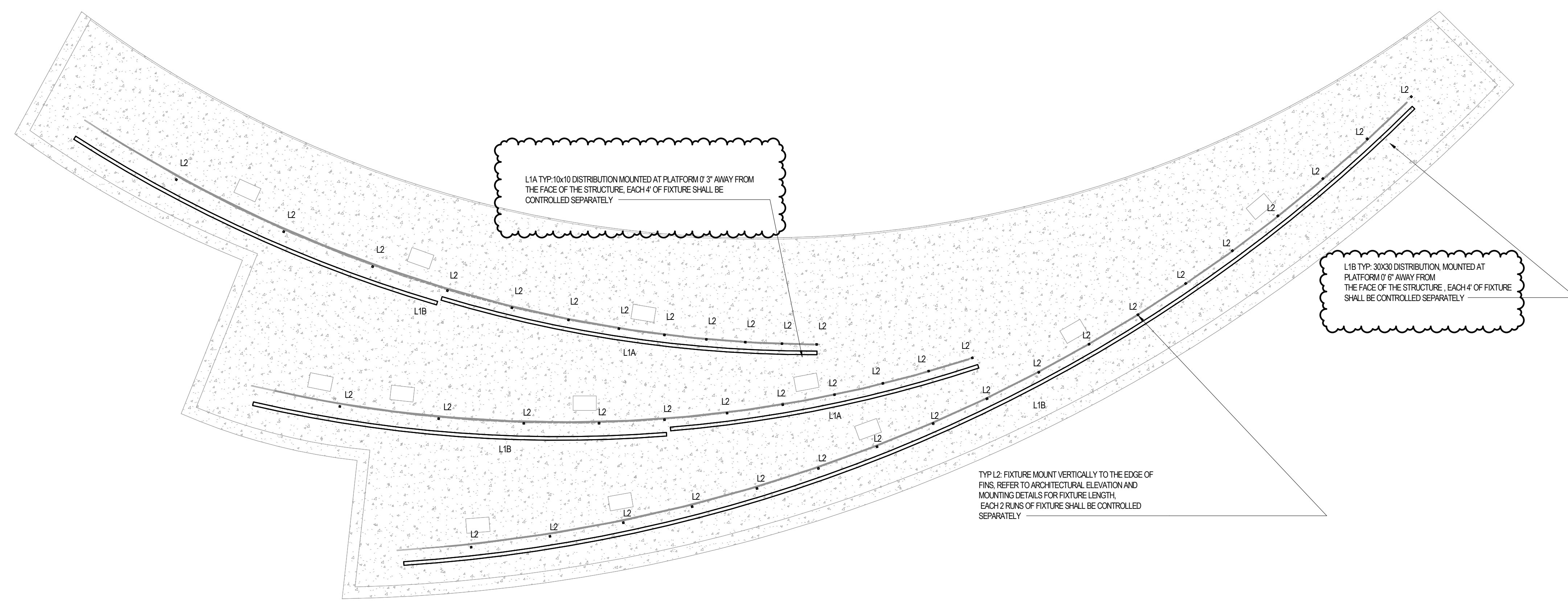
SHEET NUMBER:

**ES100**

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**2 ELEVATION**  
SCALE: 1/4" = 1'-0"



**1 LIGHTING PLAN**  
SCALE: 1/4" = 1'-0"

**DRAWING NOTES:**

- EACH 4' SECTION OF L1A AND L1B FIXTURES SHALL BE CONTROLLED SEPARATELY BY A DMX CONTROLLER. CONTRACTOR TO PROVIDE A COMBINATION OF AVAILABLE SIZES TO MAXIMIZE THE FIXTURE LENGTH AND MATCH THE DRAWING. PROVIDE SHOP DRAWING INDICATING THE LOCATION, FIXTURE PLACEMENT AND FEED LOCATION.
- EACH 2' RUNS OF L2 FIXTURES SHALL BE CONTROLLED SEPARATELY BY A DMX CONTROLLER. MANUFACTURE TO PRECUT THE FIXTURE BEFORE SHIPPING. PROVIDE SHOP DRAWING INDICATING THE LOCATION, FIXTURE PLACEMENT AND FEED LOCATION.
- FIXTURES SHALL BE CONTROLLED BY DMX CONTROLLER FROM A REMOTE LOCATION.
- DMX CONTROLLER MANUFACTURER TO PROVIDE 2 DAYS OF SCENE ADJUSTMENT SERVICES ON SITE.
- PROVIDE (8) DMX POWER SUPPLIES FOR TYPE L2 FIXTURES.
- TYPE L1A AND L1B FIXTURES HAVE INTEGRAL DMX POWER SUPPLIES (1) PER FIXTURE.
- CONTROL OF THE LIGHTING SYSTEM SHALL BE VIA PHAROS SYSTEM FROM PHAROS CONTROLS WHICH SHALL CONNECT TO THE NETWORK VIA CELLULAR MODEM.
- FOR EACH 20' W OF THE LOAD (L2 FIXTURES), ELECTRICAL CONTRACTOR SHALL LOCATE POWER SUPPLIES NO FURTHER THAN:
  - 20 AWG - MAX. 56 FT DISTANCE FROM THE FIXTURE
  - 18 AWG - MAX. 88 FT DISTANCE FROM THE FIXTURE
  - 16 AWG - MAX. 141 FT DISTANCE FROM THE FIXTURE

**INTERIM REVIEW ONLY**

THESE DOCUMENTS ARE INCOMPLETE. THEY ARE NOT INTENDED TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION.

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**TUL WAYFINDING**

7777 Airport Dr, Tulsa, OK 74115

**LD-100 LIGHTING PLAN**

**GH2 ARCHITECTS**

GH2.COM

GH2 PROJECT NUMBER:  
**20220001**

ISSUE DATE:  
**10/18/2023**

ISSUE:  
**Addendum 1**

OTHER ISSUE DATES:

NO.	DESCRIPTION	DATE
Adj 1		10.18.2023

SHEET NAME:  
**LIGHTING PLAN**

SHEET NUMBER:  
**LD-100**

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**TUL WAYFINDING**

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**LD-200**  
LIGHTING FIXTURE SCHEDULE

**GH2 ARCHITECTS**

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GH2 PROJECT NUMBER:  
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**LIGHTING  
FIXTURE  
SCHEDULE**

SHEET NUMBER:  
**LD-200**

LIGHTCRAFT LIGHTING FIXTURE SCHEDULE: (TULSA SIGNAGE)										
TYPE	DESCRIPTION	MANUFACTURER	WATTS	UNIT	LAMP TYPE	DRIVER	PROJECT CONTROL	VOLTAGE	COMMENTS	LOCATION
L1A	LINEAR SURFACE MOUNT COLOR CHANGING RGBW LED GRAZER WITH NARROW 10X11 DISTRIBUTION AND SHIELD. AVAILABLE AS 12", 24" 36" AND 48" INTEGRAL DRIVER. CORROSION RESISTANT, ADJUSTABLE MOUNTING, 12" ADDRESSABLE SECTIONS. NOM DIM: 2 3/16" W X LENGTH X 4 1/8" H	LUMENPULSE LUMEN FAÇADE MAX #LFM-CR-UL-12-277-LENGT H-22W-MRGBW30-10X10-C L-DMX-NVR-SM-XD-SI-SH	24	EA	LED RGBY 3000K 85CRI DELIVERED LUMENS 925LF by LIGHTING MANUFACTURER	INTEGRAL DRIVER	DMX CONTROLLER	277	PROVIDE SHOP DRAWINGS CONTRACTOR TO PROVIDE A COMBINATION OF AVAILABLE SIZES TO MAXIMIZE THE FIXTURE LENGTH AND MATCH THE DRAWING. DMX CONTROLLER MANUFACTURER TO PROVIDE 2 DAYS OF SCENE ADJUSTMENT SERVICES ON SITE. EACH 8" SECTION OF FIXTURE SHALL BE CONTROLLED SEPARATELY	SIGNAGE MOUNTED AT PLATFORM
L1B	SAME AS L1A BUT WITH 30X30 DISTRIBUTION	LUMENPULSE LUMEN FAÇADE MAX #LFM-CR-UL-12-277-LENGT H-22W-MRGBW30-30X30-C L-DMX-NVR-SM-XD-SI-SH	24	EA	LED RGBY 3000K 85CRI DELIVERED LUMENS 925LF by LIGHTING MANUFACTURER	INTEGRAL DRIVER	DMX CONTROLLER	277	PROVIDE SHOP DRAWINGS CONTRACTOR TO PROVIDE A COMBINATION OF AVAILABLE SIZES TO MAXIMIZE THE FIXTURE LENGTH AND MATCH THE DRAWING. DMX CONTROLLER MANUFACTURER TO PROVIDE 2 DAYS OF SCENE ADJUSTMENT SERVICES ON SITE. EACH 8" SECTION OF FIXTURE SHALL BE CONTROLLED SEPARATELY	SIGNAGE MOUNTED AT PLATFORM
L2	FLEXIBLE LINEAR DIRECT VIEW RGBW LED. FULLY ENCAPSULATED IP67 FOR EXTERIOR APPLICATIONS. FIXTURE SHALL MOUNT VERTICALLY ON TOP PORTION OF FINNS WITH PVC CHANNEL AS SHOWN ON ARCHITECTURAL DRAWINGS. NOM DIM: 0.87" W X 0.72" H X LENGTH	QTRIAN KURV-RGBW #KURV-RGBW-PPS-FT-RGB W-WET-30-ENGLT-S2-CON NECTOR-CONNECTOR-WH -E #QOM-ELED-DMX	6	LF	LED RGBW 96 CRI DELIVERED LUMEN 601LF by LIGHTING MANUFACTURER	REMOTE DMX DRIVER	DMX CONTROLLER	24	PROVIDE SHOP DRAWINGS ( WHERE FIXTURES CONNECT ON A SINGLE RUN PROVIDE CLEAR CAPS, AT THE END OF RUNS PROVIDE WHITE END CAPS) MANUFACTURER TO PRECUT THE FIXTURES WITH LENGTH SHOWN ON THE DRAWINGS. EC TO CONFIRM THE CONNECTOR LOCATION DMX CONTROLLER MANUFACTURER TO PROVIDE 2 DAYS OF SCENE ADJUSTMENT SERVICES ON SITE. EACH TWO RUNS OF FIXTURE SHALL BE CONTROLLED SEPARATELY. ELECTRICAL ENGINEER TO SPECIFY THE DMX CONTROLLER SYSTEM	SIGNAGE FRONT FACE

**LIGHTING FIXTURE SCHEDULE GENERAL NOTES**

- LED DRIVER: ELECTRICAL CONTRACTOR TO VERIFY LOAD TYPE COMPATIBILITY AND INTERCONNECTING WIRING REQUIRED FOR CONTROL SYSTEM.
- ALL FINAL FINISHES TO BE APPROVED BY ARCHITECT.
- ALL REMOTE DRIVERS TO BE LOCATED IN A HIDDEN, ACCESSIBLE AND VENTILATED LOCATION, UNLESS OTHERWISE NOTED.
- REFER TO LIGHTING FIXTURE CUT SHEETS IN SEPARATE DOCUMENT.
- A FULL AND COMPLETE SUBMITTAL PACKAGE IS REQUIRED FOR REVIEW AND SHALL INCLUDE: MANUFACTURER'S PRODUCT DATA SHEETS FOR EACH FIXTURE TYPE INDICATING: TYPE, DIMENSIONS, BALLAST/DRIVER QUANTITY, LAMP/SOURCE QUANTITY...
- A MAXIMUM OF ONE (1) SUBMISSION OF SUBSTITUTIONS OF LIGHTING FIXTURES SHALL BE REVIEWED, AFTER WHICH TIME THE CONTRACTOR WILL BE REQUIRED TO SUBMIT AS SPECIFIED.