DICK AMD HEIDI ELKINS AGRICULTURAL SCIENCE FACILITY

RFCSP # 2425-012-0

ADDENDUM 1

QUESTION AND ANSWER:

Q: We are missing spec section 007000 for the Dick and Heidi Elkins Agricultural Science Facility project?

A: This is a section of the General Conditions that will be provided by the owner to the winning bidder.

Eagle Mountain-Saginaw ISD

DISTRICT REPRESENTATIVES ATTENDING MEETING:

Hunter Lee, Aaron Hardisty, Taylor Shaw

SIGN-IN SHEET

DICK AND HEIDI ELKINS AGRICULTURAL SCIENCE FACILITY

RFCSP #2425-012-0

PRE-PROPOSAL CONFERENCE

WEDNESDAY, JUNE 11, 2025 AT 2:00 PM

COMPANY NAME	REPRESENTATIVE'S NAME	EMAIL ADDRESS	PHONE NUMBER	SIGNATURE
Key construction	Kayla Graham	fortworth-precon@keyconstruction.com	214 733 6862	Kayla G
Christman	Jesse Bellington	jesse.bellington@christmanco.com	817-271-9811	Jesse Bellington
Christman	David Gonzalez	david.gonzalez@christmanco.com	956-456-1510	[illegible]
Joesta	Wil Radican	wil@joesta-construction.com	903-814-0954	Wil R
NTD Mech	John Keller	jkeller@ntdmechanical.com	469-323-0454	[illegible]
Pogue	Jason Davis	JDavis@pogueconstruction.com	682-201-8707	[illegible]
Christman	Chad Teeples	chad.teeples@christmanco.com	517-712-2036	Chad T
VLK Kayse Thomas	Kayse Thomas	kdthomas@vlkarchitects.com		[illegible]
VLK ~~LEE HILL~~	LEE HILL	LHILL@VLK " "	817-253-0260	[illegible]

Project No. 24-057.00 June 10, 2025

06/10/2025

ADDENDUM NO. 1
TO THE
DRAWINGS AND PROJECT MANUAL
FOR
EMS ISD AGRICULTURAL SCIENCE COMPLEX
EAGLE MOUNTAIN-SAGINAW INDEPENDENT SCHOOL DISTRICT
FORT WORTH, TEXAS

VLK
1320 Hemphill St., Suite 400
Fort Worth, TX 76104
817.633.1600 voice
vlkarchitects.com

1.1 GENERAL

A. This addendum modifies the drawings and project manual, dated May 28, 2025, as noted within and shall become part of the Contract Documents.

B. Each holder of proposal documents registered with the Architect will receive a copy of the addendum. Each prime proposer is responsible for distribution of information conveyed by this addendum to its sub-proposers and suppliers.

C. Proposers shall acknowledge receipt of this addendum in the space provided on the proposal form. Failure to do so may subject proposer to disqualification.

1.2 REVISED DRAWINGS

A. Sheet Nos. INDEX, C1.05, C1.06, C1.07, C1.10, C1.20, L1.01, L1.02, L1.04, L1.06, A1.11, A1.32, A4.11, A4.12, A4.13, A5.11, S2.11, S2.11A, S2.11B, S3.01, S3.02, S3.03, S3.04, S5.02, S6.01, S6.02, dated June 10, 2025 and attached hereto, are revised drawings and are hereby made a part of this addendum.

END OF ADDENDUM NO. 1

EMS ISD AGRICULTURAL SCIENCE COMPLEX

EAGLE MOUNTAIN-SAGINAW ISD

FORT WORTH, TEXAS

EMS ISD PROJECT NUMBER: 2425-012-0

ABBREVIATIONS

A	
A.F.F.	ABOVE FINISH FLOOR
A.C.T.	ACOUSTICAL CEILING TILE
ADDL.	ADDITIONAL
A.B.	AIR BARRIER
A.C.M.	ALUMINUM COMPOSITE PANEL
A.D.A.	AMERICANS WITH DISABILITIES ACT
AL/ALUM.	ALUMINUM
APPROX.	APPROXIMATE OR APPROXIMATELY
ARCH.	ARCHITECT OR ARCHITECTURAL
B	
BD.	BOARD
B.O.W.	BOTTOM OF WALL
B.U.R.	BUILT-UP ROOFING
BLDG.	BUILDING
C	
℄	CENTER LINE
C.R.	CLASSROOM
C.F.S.	COLD-FORMED STEEL
CONC.	CONCRETE
CMU	CONCRETE MASONRY UNIT
C.M.	CONSTRUCTION MANAGER
CONT.	CONTINUOUS
C.I.	CONTINUOUS INSULATION
C.J.	CONTROL JOINT
COORD.	COORDINATE
CORR.	CORRIDOR
D	
DIA.	DIAMETER
D.O.	DOOR OPENING
DN.	DOWN
DS.	DOWNSPOUT
E	
EA.	EACH
E.W.	EACH WAY
ELEC.	ELECTRICAL
E.W.C.	ELECTRIC WATER COOLER
ELEV.	ELEVATION
EQ.	EQUAL
EQUIP.	EQUIPMENT
EXIST.	EXISTING
E.J.	EXPANSION JOINT
EXT.	EXTERIOR
EIFS	EXTERIOR INSULATION & FINISH SYSTEM
F	
FT.	FEET or FOOT
F.R.P.	FIBERGLASS REINFORCED PLASTIC
F.V.	FIELD-VERIFY
FIN.	FINISH
F.F.	FINISH FLOOR
F.E.	FIRE EXTINGUISHER
F.E.C.	FIRE EXTINGUISHER & CABINET
F.H.C.	FIRE HOSE CABINET
F.H.C.S.	FLAT-HEAD COUNTERSUNK
FLR.	FLOOR
F.D.	FLOOR DRAIN
FLUOR.	FLUORESCENT
G / H	
GALV.	GALVANIZED
GA.	GAGE
G.C.	GENERAL CONTRACTOR
G.O.	GLAZED OPENING
GYP	GYPSUM
HT.	HEIGHT
H.P.	HIGH POINT
H.M.	HOLLOW METAL
HORIZ.	HORIZONTAL
H.B.	HORIZONTAL BLINDS
H.D.G.	HOT-DIP GALVANIZED
HR.	HOUR
I / J / K	
I.D.	INSIDE DIAMETER
INSUL.	INSULATION
INT.	INTERIOR
I.B.C.	INTERNATIONAL BUILDING CODE
L	
LAV.	LAVATORY
L.L.H.	LONG LEG HORIZONTAL
L.L.V.	LONG LEG VERTICAL
L.P.	LOW POINT
L.V.T.	LUXURY VINYL TILE
M	
MFR.	MANUFACTURER
MFG.	MANUFACTURING
M.B.	MARKER BOARD
M.O.	MASONRY OPENING
MAX.	MAXIMUM
MECH.	MECHANICAL
M (CONT.)	
MOD BIT	MODIFIED BITUMEN
MULL.	MULLION
M.E.P.	MECHANICAL-ELECTRICAL-PLUMBING
M.C.M.	METAL COMPOSITE MATERIAL
MIN.	MINIMUM
MISC.	MISCELLANEOUS
N	
NOM.	NOMINAL
N/A	NOT APPLICABLE
N.I.C.	NOT IN CONTRACT
N.T.S.	NOT TO SCALE
NO./#	NUMBER
O	
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
O.H.	OPPOSITE HAND
OHD.	OVERHEAD
O.F.C.I.	OWNER-FURNISHED, CONTRACTOR-INSTALLED
O.F.O.I.	OWNER-FURNISHED, OWNER INSTALLED
P / Q	
PR.	PAIR
P.LAM.	PLASTIC LAMINATE
PL.	PLATE
PLUMB.	PLUMBING
PT.	POINT
P.C.F.	POUNDS PER CUBIC FOOT
P.S.F.	POUNDS PER SQUARE FOOT
P.S.I.	POUNDS PER SQUARE INCH
PREFAB.	PREFABRICATED
PROJ.	PROJECTOR or PROJECTION
Q.T.	QUARRY TILE
R	
R.	RADIUS
REBAR	REINFORCING BAR
REF.	REFERENCE or REFER TO
R.C.P	REFLECTED CEILING PLAN
RE:	REGARDING
REFG.	REFRIGERATOR
REINF.	REINFORCE or REINFORCING
REQD.	REQUIRED
R.	RISER (STAIR)
R.D.	ROOF DRAIN
R.O.	ROUGH OPENING
S	
SIM.	SIMILAR
S.C.	SOLID CORE
S.A.B.	SOUND ATTENUATION BLANKET
S.A.F.B.	SOUND ATTENUATION FIRE BLANKET
S.T.C.	SOUND TRANSMISSION CLASS
SPEC.	SPECIFICATION
SQ.	SQUARE
S.F.	SQUARE FOOT
S.S.	STAINLESS STEEL
STRUC.	STRUCTURAL
SUSP.	SUSPENDED
T	
T.B.	TACKBOARD
T.W.	TACK WALL
T.C.	TEACHER'S CABINET
T.A.S.	TEXAS ACCESSIBILITY STANDARDS
T.	TREAD (STAIR)
T&B	TOP & BOTTOM
T.O.	TOP OF
T.C.	TOP OF CURB
T.O.D.	TOP OF DECK
T.O.J.	TOP OF JOIST
T.O.S.	TOP OF STEEL
T.O.W.	TOP OF WALL
TYP.	TYPICAL
U / V	
U/C	UNDER COUNTER
U.L.	UNDERWRITERS LABORATORY
U.N.O.	UNLESS NOTED OTHERWISE
V.I.F.	VERIFY IN FIELD
VERT.	VERTICAL
V.C.T.	VINYL COMPOSITION TILE
V.W.C	VINYL WALL COVERING
W / X / Y / Z	
W.C.	WATER CLOSET
W.R.B.	WATER-RESISTIVE BARRIER
WT.	WEIGHT
W.	WIDE
W/	WITH
W/O	WITHOUT
W.P.	WORKING POINT
W.W.F.	WELDED WIRE FABRIC

MATERIAL INDICATIONS

- EARTH
- POROUS FILL
- CONCRETE/ GROUT
- BRICK
- CMU (LARGE SCALE)
- MARBLE
- METAL (LARGE SCALE)
- METAL (SMALL SCALE)
- RESILIENT FLOORING
- ACOUSTICAL TILE
- TERRAZZO
- PLASTER, SAND, GROUT
- CERAMIC TILE
- GLASS (LARGE SCALE)
- INSULATION (RIGID FOAM BOARD)
- INSULATION (EPS FOAM BOARD)
- INSULATION (BATT/ BLANKET)
- INSULATION (SEMI-RIGID BOARD)
- WOOD, ROUGH (CONTINUOUS)
- WOOD, ROUGH (BLOCKING)
- WOOD, FINISH
- PLYWOOD (LARGE SCALE)
- FIBER CEMENT PANEL
- METAL LATH
- GYPSUM BOARD

SYMBOLS LEGEND

- CLASSROOM A201 — ROOM NAME & NUMBER
- A203 — DOOR NUMBER
- A — ALUMINUM-FRAMED GLAZED OPENING SYSTEM
- G.O. 2 — HOLLOW METAL-FRAMED GLAZED OPENING SYSTEM
- P1 — PARTITION TYPE
- ABC-01 — BUILDING ASSEMBLY TYPE
- SHEET NO. / DWG. NO. — BUILDING ELEVATION
- DWG. NO. / SHEET NO. — BUILDING SECTION
- DWG. NO. / SHEET NO. — WALL SECTION
- L 3 — LOUVER
- 8 — KEYED NOTE
- N — NORTH ARROW
- HB — HORIZONTAL BLINDS
- DWG. NO. 3/A8.01 SHEET NO. — INTERIOR ELEVATION
- DWG. NO. 6/A4.05 SHEET NO. — SECTION DETAIL
- AC — ACCESS CONTROL
- DATUM ELEVATION

PROJECT INFORMATION

PROJECT IDENTIFICATION

PROJECT NAME - EMS ISD AGRICULTURAL SCIENCE COMPLEX
OWNER - EAGLE MOUNTAIN SAGINAW I.S.D.
PROJECT LOCATION 1 1621 MUSTANG ROCK FORT WORTH, TEXAS 76179
TDLR PROJECT REGISTRATION NUMBER - TABS2025016811

APPROXIMATE BUILDING AREAS

GROUND LEVEL AREA.:

BUILDING A SHOW ARENA:	21,804 S.F.
MEZZANINE LEVEL AREA:	1,108 S.F.
BUILDING B BARN:	17,942 S.F.
TOTAL BLDG AREA.:	40,854 S.F.

LEGAL DESCRIPTION: LOT 1 BLOCK 1

BUILDING CONSTRUCTION INFORMATION

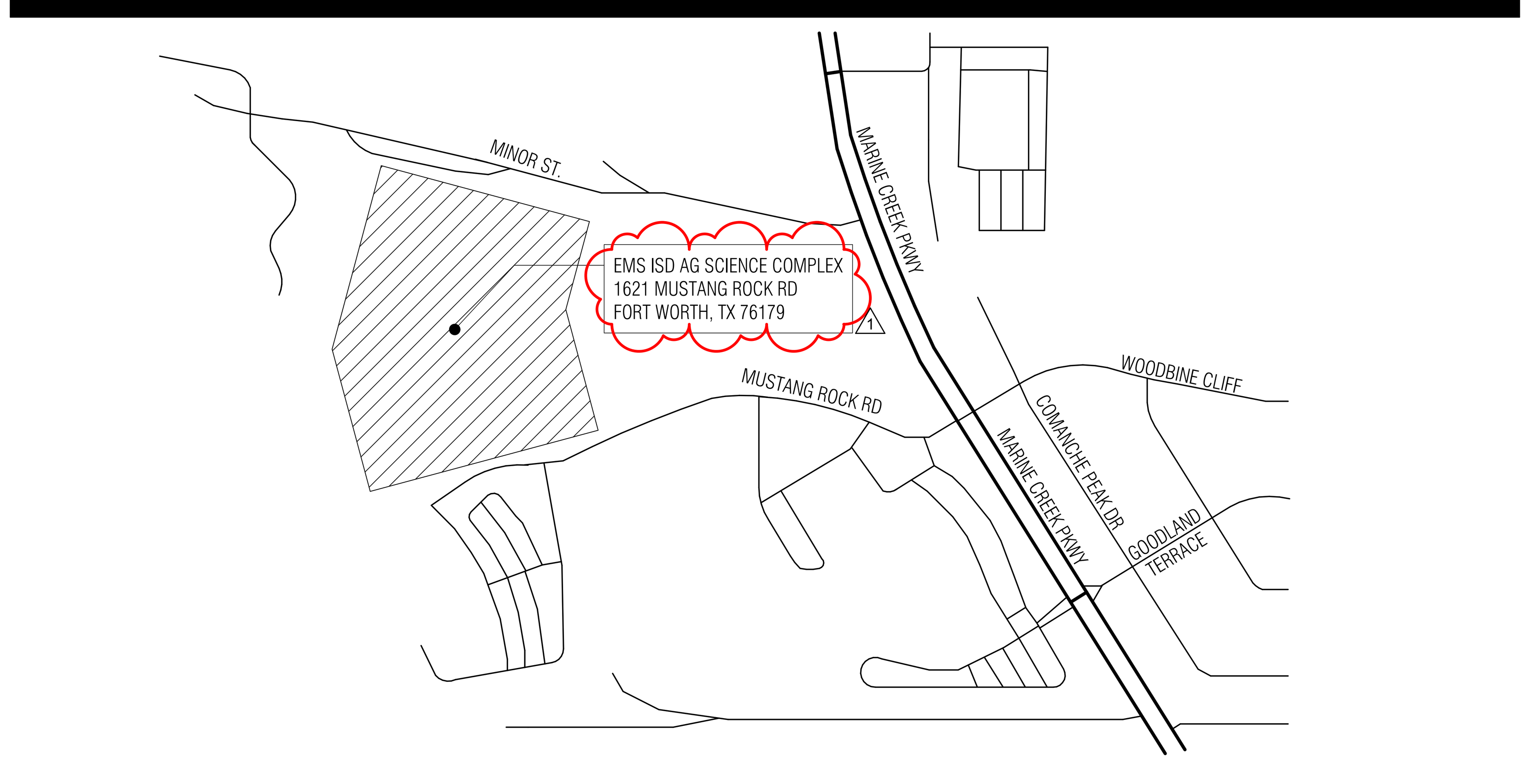
TYPE OF CONSTRUCTION (TABLE 601 - IBC): TYPE II-B

FIRE PROTECTION SYSTEM: AUTOMATIC SPRINKLER SYSTEM THROUGHOUT

GENERAL NOTES

1. Refer to the CODE-series sheets tor Code Information, Design Criteria and Fire Protection Requirements.
2. Verify and document existing dimensions and conditions at the site before beginning construction. Notify the Architect of conflicts or variations prior to commencement of construction.
3. Based on the applicable design criteria, submit Shop Drawings of the proposed pattern of control joints in masonry veneer, CMU, gypsum board, plaster and stucco to the Architect for review and approval prior to construction.
4. In case of discrepancies in or between the Contract Documents, the greater quantity or better quality shall be bid. Clarifications regarding the discrepancies shall be requested from the Architect prior to construction, and the resulting interpretations implemented in accordance with the Contract Documents.

SITE LOCATION MAP



INDEX TO DRAWINGS

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EAGLE MOUNTAIN-SAGINAW ISD
FORT WORTH, TEXAS

REGISTERED ARCHITECT LAUREN V. BROWN 23211 STATE OF TEXAS
06/10/2025

ISSUED: MAY 28, 2025

REVISIONS

Revision No.		Revision Date
1	Addendum No. 1	06-10-2025

Director LAH — Drawn By VLK
Designer ET — Quality Control
Proj. Arch. KT

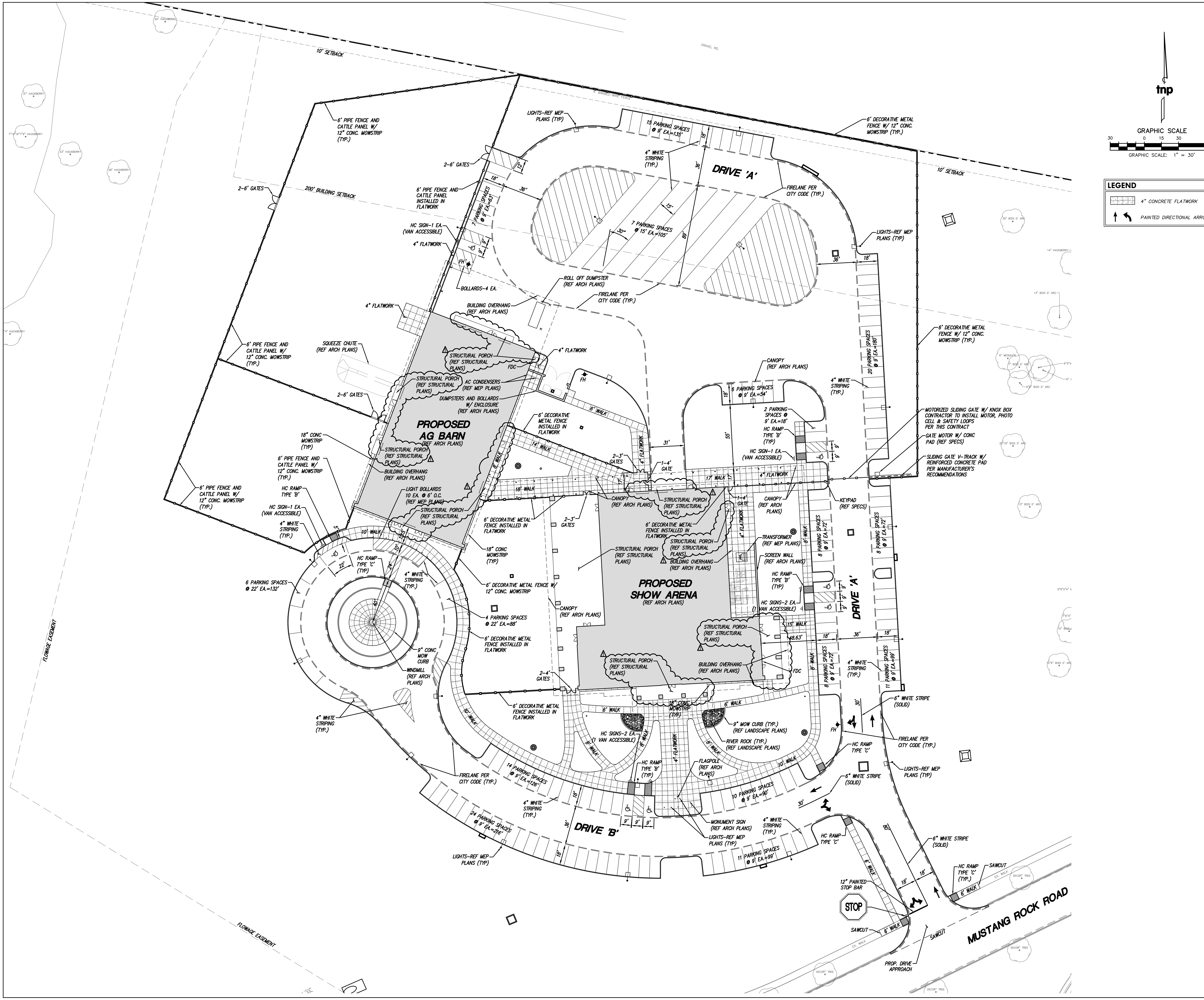
PROJECT NO. 24-057.00

SHEET TITLE: INDEX TO DRAWINGS GENERAL NOTES ABBREVIATIONS

EMS ISD AGRICULTURAL SCIENCE COMPLEX

SHEET NO.

INDEX



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FORT WORTH, TEXAS

EMS ISD AGRICULTURAL SCIENCE COMPLEX

STATE OF TEXAS
MATTHEW G. MANTONG
146154
LICENSED
06/10/2025

ISSUED: MAY 28, 2025

REVISIONS

Revision No.		Revision Date
1	Addendum No. 1	06-10-2025

Director MSW	Drawn By TNP
Designer PCV	Quality Control TNP
Proj. Arch. VLK	

PROJECT NO.
24-057.00

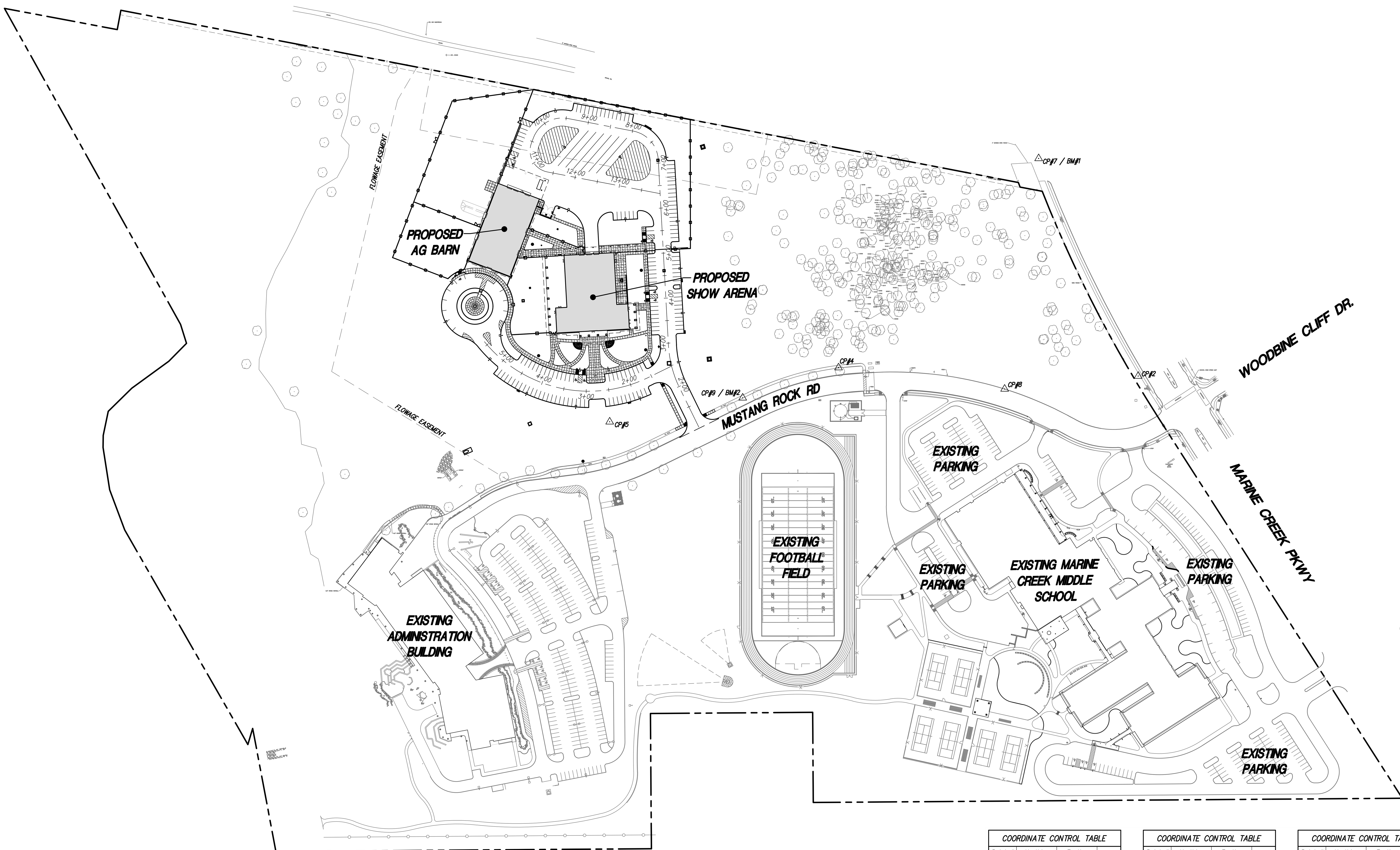
SHEET TITLE
SITE PLAN

SHEET NO.
C1.05

GRAPHIC SCALE

100 0 50 100 200

GRAPHIC SCALE: 1" = 100'



NOTES

1. THIS PLAN SHALL BE USED TO CONTROL THE GEOMETRICS OF THE SITE LAYOUT. DIMENSIONAL TIES AND COORDINATES ARE PROVIDED TO ASSIST IN THE LAYOUT OF THE SITE IMPROVEMENTS. THE CONTRACTOR SHALL VERIFY THE COORDINATE TIES WITH THE DIMENSIONS PROVIDED ON THE PLANS.
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3. ALL BUILDING TIES AND DIMENSIONS SHALL BE COORDINATED AND VERIFIED WITH THE ARCHITECT'S PLANS. ALL DIMENSIONS TO BUILDINGS SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
4. ALL CURB RADII ARE 5' UNLESS OTHERWISE NOTED.

BENCHMARKS

BM#1: A "X-SET" ON THE WESTERN SIDE WALK ALONG MARINE CREEK PKWY. IT IS APPROX. 19.10 NORTHEAST OF THE EASTERN FENCE CORNER AT THE GAS UTILITIES SITE. IT IS APPROX. 45.40" SOUTHEAST OF A SIGN.

ELEV.=761.60'

BM#2: A "X-SET" ON THE NORTHERN SIDE WALK ALONG MUSTANG ROCK ROAD. IT IS APPROX. 12 NORTH OF A FIRE HYDRANT BEHIND THE BACK OF CURB. IT IS APPROX. 5', 3" NORTH OF THE MOST NORTHERLY WATER VALVE.

ELEV.=742.73'

CONTROL POINTS

CP-2 (5/8"CIRS) N: 6991706.97 E: 2309531.06 ELEV.=760.11	CP-7 (XST) N: 6992189.84 E: 2309310.15 ELEV.=761.60
CP-4 (XFD) N: 6991725.73 E: 2308866.05 ELEV.=752.04	CP-8 (XST) N: 6991678.28 E: 2309234.67 ELEV.=760.63
CP-5 (5/8"CIRS) N: 6991605.47 E: 2308358.22 ELEV.=731.31	CP-9 (XST) N: 6991658.61 E: 2308653.35 ELEV.=742.73

COORDINATE CONTROL TABLE

Point #	Northing	Easting	Desc
1	6992134.64	2308110.52	BLDG
2	6991963.96	2308042.70	BLDG
3	6991927.17	2308139.24	BLDG
4	6992099.73	2308202.13	BLDG
5	6991974.77	2308256.81	BLDG
6	6991859.49	2308263.14	BLDG
7	6991858.12	2308238.15	BLDG
8	6991802.56	2308239.55	BLDG
9	6991811.57	2308403.61	BLDG
10	6991867.18	2308398.89	BLDG
11	6991865.81	2308373.93	BLDG
12	6991980.85	2308367.61	BLDG
13	6991571.79	2308513.25	PC
14	6991613.84	2308599.50	PT
15	6991666.97	2308450.12	PI
16	6991639.47	2308349.63	PI
17	6991738.19	2308432.18	PI
18	6991711.64	2308346.65	PI
19	6991709.45	2308306.75	PI
20	6991755.57	2308163.10	PI

COORDINATE CONTROL TABLE

Point #	Northing	Easting	Desc
21	6991637.39	2308311.67	PI
22	6991744.79	2308066.03	PI
23	6991861.95	2308059.16	CENTER
24	6991798.16	2308451.25	PI
25	6991802.10	2308523.14	PI
26	6991900.95	2308517.72	PI
27	6991897.01	2308445.83	PI
28	6991905.99	2308445.33	PI
29	6991909.94	2308517.22	PI
30	6991981.83	2308513.28	PI
31	6991977.89	2308441.39	PI
32	6992005.80	2308511.96	PI
33	6992002.35	2308440.05	PI
34	6992037.80	2308438.10	PI
35	6992055.84	2308420.19	PI
36	6992052.88	2308366.27	PI
37	6992185.52	2308502.10	PI
38	6992287.07	2308411.20	PI
39	6992312.51	2308278.62	PI
40	6992278.70	2308164.19	PI

COORDINATE CONTROL TABLE

Point #	Northing	Easting	Desc
41	6992267.48	2308159.91	PI
42	6992266.59	2308162.25	PI
43	6992134.15	2308111.78	PI
44	6992127.77	2308128.61	PI
45	6992079.88	2308208.63	PI
46	6992070.79	2308232.48	PI
47	6992023.80	2308301.50	PI
48	6992032.17	2308332.08	PI
49	6991977.36	2308304.04	PI
50	6991979.06	2308335.00	PI
51	6991804.15	2308239.47	FENCE
52	6991803.53	2308228.18	FENCE
53	6991803.29	2308223.85	FENCE
54	6991798.70	2308140.18	FENCE
55	6991908.04	2308130.57	FENCE
56	6991927.63	2308138.04	FENCE
57	6991931.37	2308395.37	FENCE
58	6991982.19	2308392.13	FENCE
59	6991980.85	2308367.61	FENCE
60	6991989.66	2308537.39	FENCE

COORDINATE CONTROL TABLE

Point #	Northing	Easting	Desc
61	6992275.67	2308537.01	FENCE
62	6992342.52	2308188.51	FENCE
63	6992317.27	2308008.69	FENCE
64	6991969.92	2307876.34	FENCE
65	6991923.05	2307999.36	FENCE
66	6991944.17	2308035.72	FENCE
67	6991963.80	2308043.20	FENCE
68	6992036.44	2308073.11	FENCE
69	6992093.48	2307923.42	FENCE
70	6991974.31	2308256.84	FENCE
71	6991968.82	2308157.59	FENCE
72	6991970.60	2308152.92	FENCE
73	6991977.22	2308301.55	FENCE
74	6991993.70	2308300.64	FENCE
75	6991992.97	2308287.28	FENCE
76	6992034.84	2308177.40	FENCE
77	6992135.04	2308109.45	FENCE

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06/10/2025

ISSUED: MAY 28, 2025

REVISIONS

Revision No.		Revision Date
1	Addendum No. 1	06-10-2025

Director MSW	Drawn By TNP
Designer PCV	Quality Control TNP
Proj. Arch. VLK	

PROJECT NO.

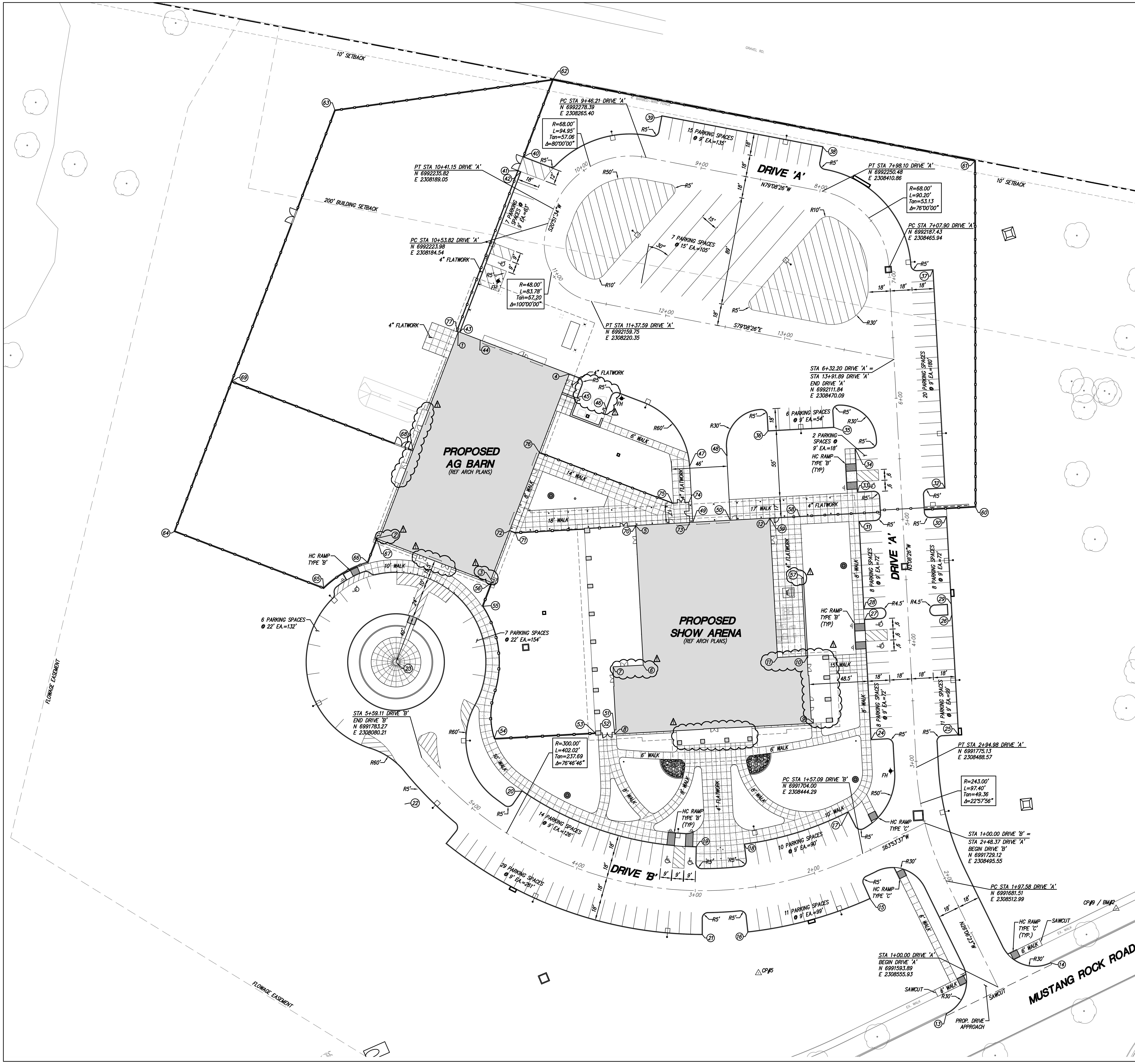
24-057.00

SHEET TITLE

OVERALL DIMENSIONAL CONTROL PLAN

SHEET NO.

C1.06



GRAPHIC SCALE

30 0 15 30 60

GRAPHIC SCALE: 1" = 30'

NOTES

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PROFESSIONAL ENGINEER
06/10/2025

ISSUED: MAY 28, 2025

REVISIONS

Revision No.	Revision Date
1 Addendum No. 1	06-10-2025

Director MSW	Drawn By TNP
Designer PCV	Quality Control TNP
Proj. Arch. VLK	

PROJECT NO.

24-057.00

SHEET TITLE

DIMENSIONAL CONTROL PLAN

SHEET NO.

C1.07

VLK

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EMS ISD AGRICULTURAL SCIENCE COMPLEX

STATE OF TEXAS
MATTHEW G. MANTONG
146154
LICENSED
06/10/2025

ISSUED: MAY 28, 2025

REVISIONS

Revision No.	Revision Date
1 Addendum No. 1	06-10-2025

Director MSW	Drawn By TNP
Designer PCV	Quality Control TNP
Proj. Arch. VLK	

PROJECT NO.

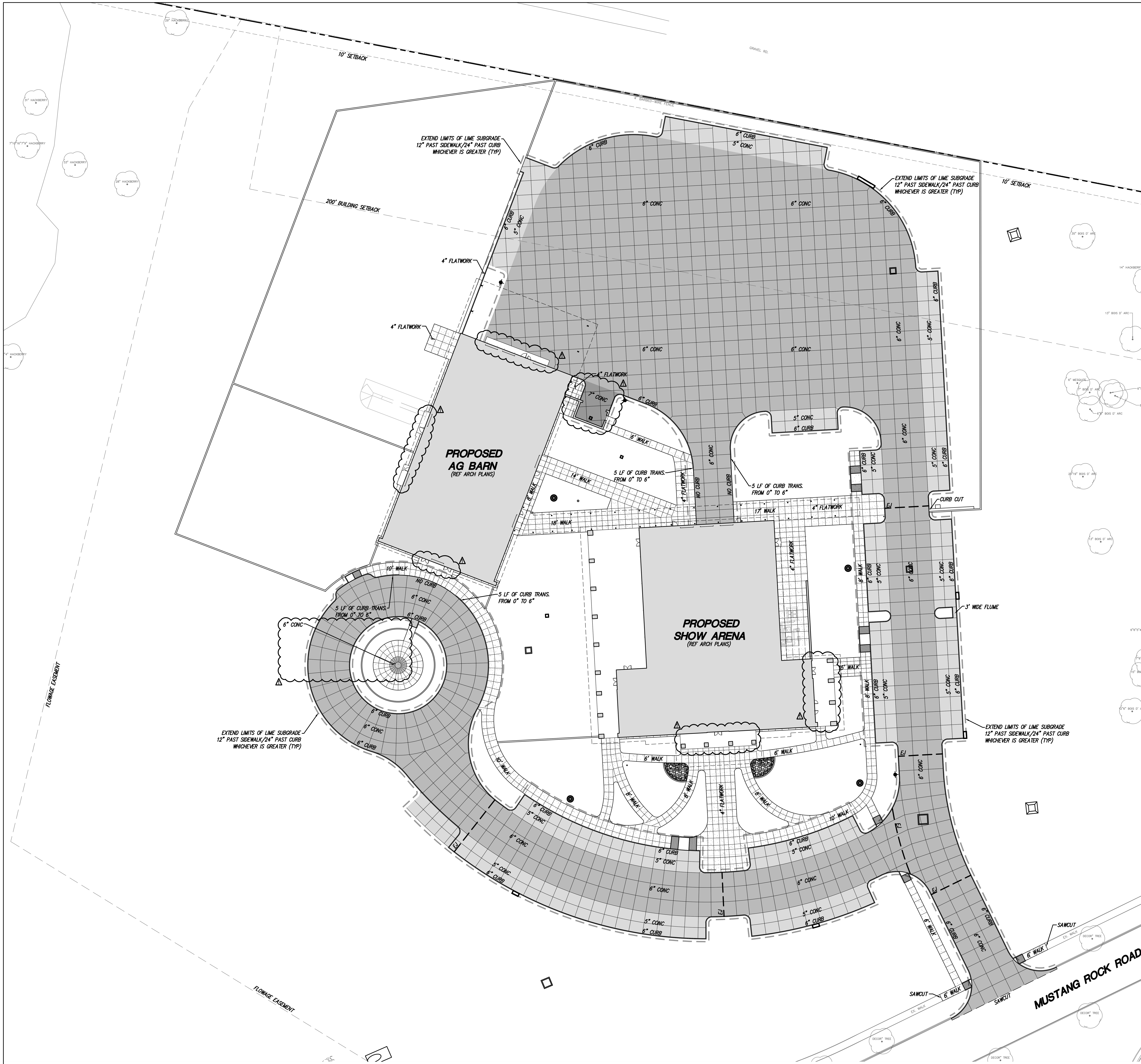
24-057.00

SHEET TITLE

GRADING PLAN

SHEET NO.

C1.10



tnp

GRAPHIC SCALE

30 0 15 30 60

GRAPHIC SCALE: 1" = 30'

LEGEND

- 7" CONCRETE PAVEMENT
- 6" CONCRETE PAVEMENT
- 5" CONCRETE PAVEMENT
- 4" CONCRETE FLATWORK
- EJ EXPANSION JOINT
- SAWED DUMMY JOINT

PAVING NOTES

1. ALL CONCRETE PAVING SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS. MISC. CONCRETE FLATWORK SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS.

2. CONCRETE PAVING SHALL BE PLACED ON 6" LIME STABILIZED SUBGRADE USING 7% MINIMUM LIME. RECOMPACT SUBGRADE TO AT LEAST 95% STANDARD PROCTOR AT A MOISTURE CONTENT OF OPTIMUM OR BETTER.

3. ALL CONCRETE SAWCUT JOINTS SHALL BE SPACED AT 12' MAXIMUM CENTERS EACH WAY, UNLESS NOTED OTHERWISE. SAWCUTTING SHALL BE ACCOMPLISHED WITHIN 4 TO 12 HOURS OF PLACING CONCRETE PAVEMENT. CONTRACTOR SHALL MAKE NECESSARY PROVISIONS FOR LIGHTING, EQUIPMENT AND LABOR TO MEET THE SAWCUT SPECIFICATIONS. NO TOLERANCE IS PERMITTED IN THE SAWCUTTING TIME.

4. CONTRACTOR SHALL TAKE NOTE OF DIFFERENT TYPES OF EDGE OF PAVEMENTS TO BE USED ON THIS PROJECT.

5. CONCRETE SHALL BE PLACED USING A WALK BEHIND SCREED MACHINE (MAGIC SCREED). IN ADDITION, A BACKPACK VIBRATOR SHALL BE USED. A MINIMUM OF TWO (2) SCREED MACHINES AND BACKPACK VIBRATORS SHALL BE PRESENT DURING ALL CONCRETE POURS.

6. ALL TRAFFIC CONTROL DEVICES AND PROCEDURES SHALL CONFORM TO THE LATEST VERSION OF THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD).

7. CONTRACTOR IS RESPONSIBLE FOR REMOVING DIRT, MUD, AND SPOILS TRACKED ONTO PUBLIC ROADS RESULTING FROM CONSTRUCTION ACTIVITIES. SEE EROSION CONTROL PLAN FOR REQUIREMENTS TO INSTALL A WHEEL-WASH STATION AT THE CONSTRUCTION EXIT.

8. CONTRACTOR SHALL VERIFY SLEEVE SIZE AND LOCATIONS WITH IRRIGATION PLANS AND MEP PLANS

9. CONTRACTOR SHALL STAMP CURBS INDICATING SIZE, LOCATION, AND TYPE OF SLEEVE.

LIMITS OF LIME NOTES

1. EXTEND LIMITS OF LIME SUBGRADE 12" PAST SIDEWALK WHERE SIDEWALK ABUTS BACK OF CURB. (REFER TO DETAILS)
2. EXTEND LIMITS OF LIME SUBGRADE 24" PAST CURB WHERE NO SIDEWALK ABUTS BACK OF CURB. (REFER TO DETAILS)

CONTRACTOR SHALL COORDINATE & OBTAIN ALL NECESSARY PERMITS FOR PUBLIC SIDEWALK & DRIVEWAY INSTALLATIONS.

NOTE:
CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR IMPROVEMENTS WITHIN PUBLIC ROW.

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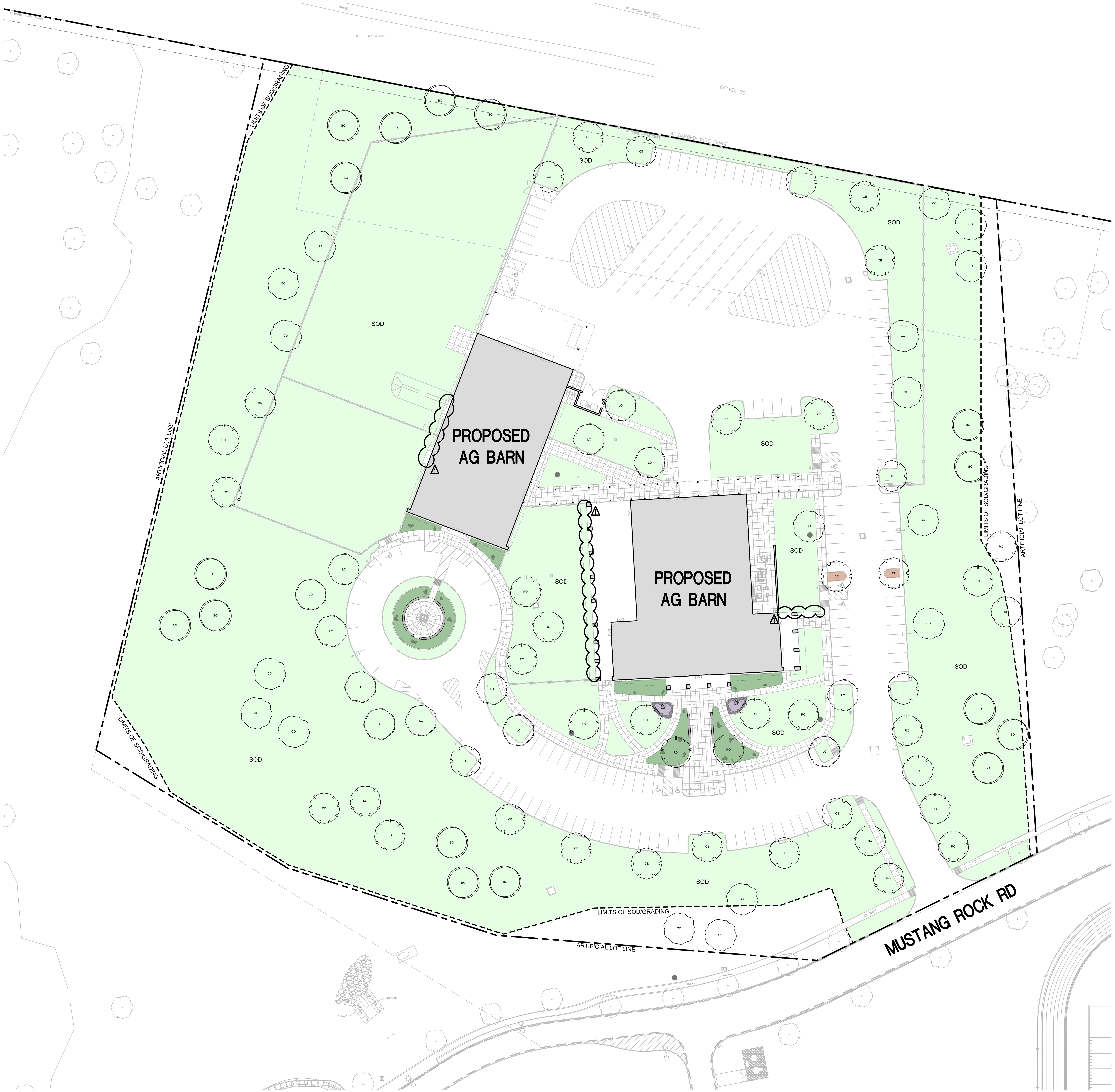
24-057.00

SHEET TITLE
PAVING PLAN

SHEET NO.
C1.20



tnp

GRAPHIC SCALE

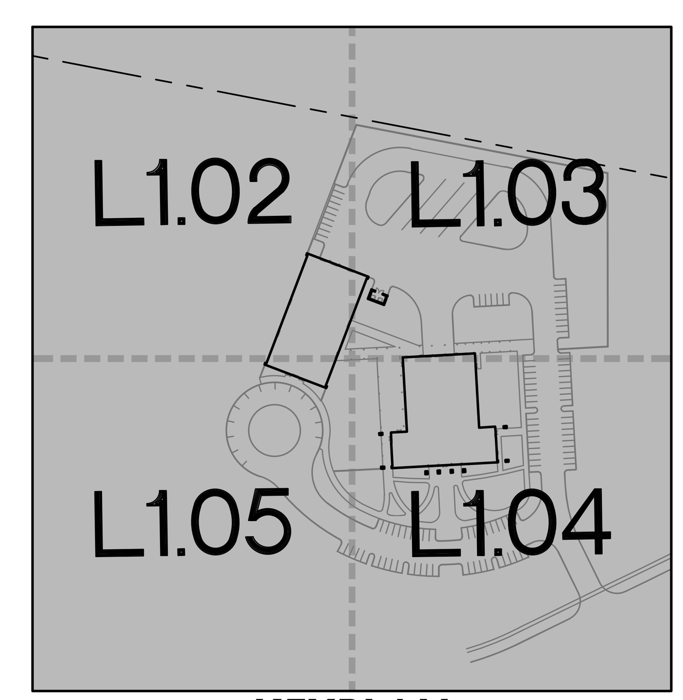
40 0 20 40 80

GRAPHIC SCALE: 1" = 40'

LEGEND

- SOD
- SHRUB BED
- DECOMPOSED GRANITE
- RIVER ROCK

CITY OF FORT WORTH NORTHWEST ISD HIGH SCHOOL #4	
ARTIFICIAL LOT LINE	606,680 SF
BUILDING AREA	39,753 SF
NET LANDSCAPE AREA	566,927 SF
TOTAL LANDSCAPE AREA (10% OF TOTAL NET LANDSCAPE AREA)	56,693 SF
SHRUB REQUIREMENT ONE 3 GALLON NATIVE SHRUB PER 75 SQUARE FEET	756 EA
75% OF SHRUBS REQUIRED IN FRONT YARD	567 EA
SHRUBS PROVIDED IN FRONT YARD	1,686 EA
TOTAL SHRUBS PROVIDED	1,686 EA
GREEN SPACE REQUIREMENT	56,693 SF
GREEN SPACE REQUIRED IN FRONT YARD (75%)	42,520 SF
GREEN SPACE PROVIDED IN FRONT YARD	197,557 SF
TOTAL GREEN SPACE PROVIDED	379,176 SF



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FORT WORTH, TEXAS

EMS ISD AGRICULTURAL SCIENCE COMPLEX

REGISTERED LANDSCAPE ARCHITECT
JOE L. MADRID
3207
STATE OF TEXAS
06/10/2025

ISSUED: MAY 28, 2025

REVISIONS

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1	Addendum No.1	06/10/2025

Director
MSW

Drawn By
TNP

Designer
PCV

Quality Control
TNP

Proj. Arch.
VLK

PROJECT NO.
24-057.00

SHEET TITLE
OVERALL LANDSCAPE PLAN

SHEET NO.
L1.01

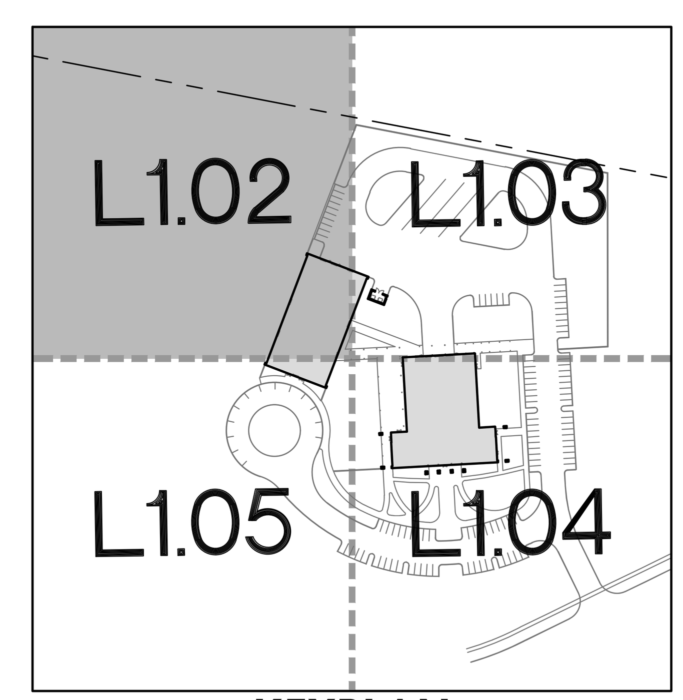
GRAPHIC SCALE

20 0 10 20 40

GRAPHIC SCALE: 1" = 20'

PLANT KEY

SYMBOL	COMMON NAME
LARGE CANOPY TREE	
BO	BUR OAK
CE	CEDAR ELM
CO	CHINQUAPIN OAK
LO	LIVE OAK
RO	RED OAK
SHRUBS	
	AUTUMN SAGE
	COLOR GUARD YUCCA
	DWARF YAUPON
	LINDHEIMER'S MUHLY
	RED YUCCA
	YELLOW YUCCA
	ZEXMENIA
SHRUB AREAS	
	MEXICAN FEATHER GRASS
GROUND COVERS	
	DECOMPOSED GRANITE
	RIVER ROCK
SOD/SEED	
	TIF 419 BERMUDA SOD



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REGISTERED LANDSCAPE ARCHITECT JOE L. MADRID 3207 STATE OF TEXAS

06/10/2025

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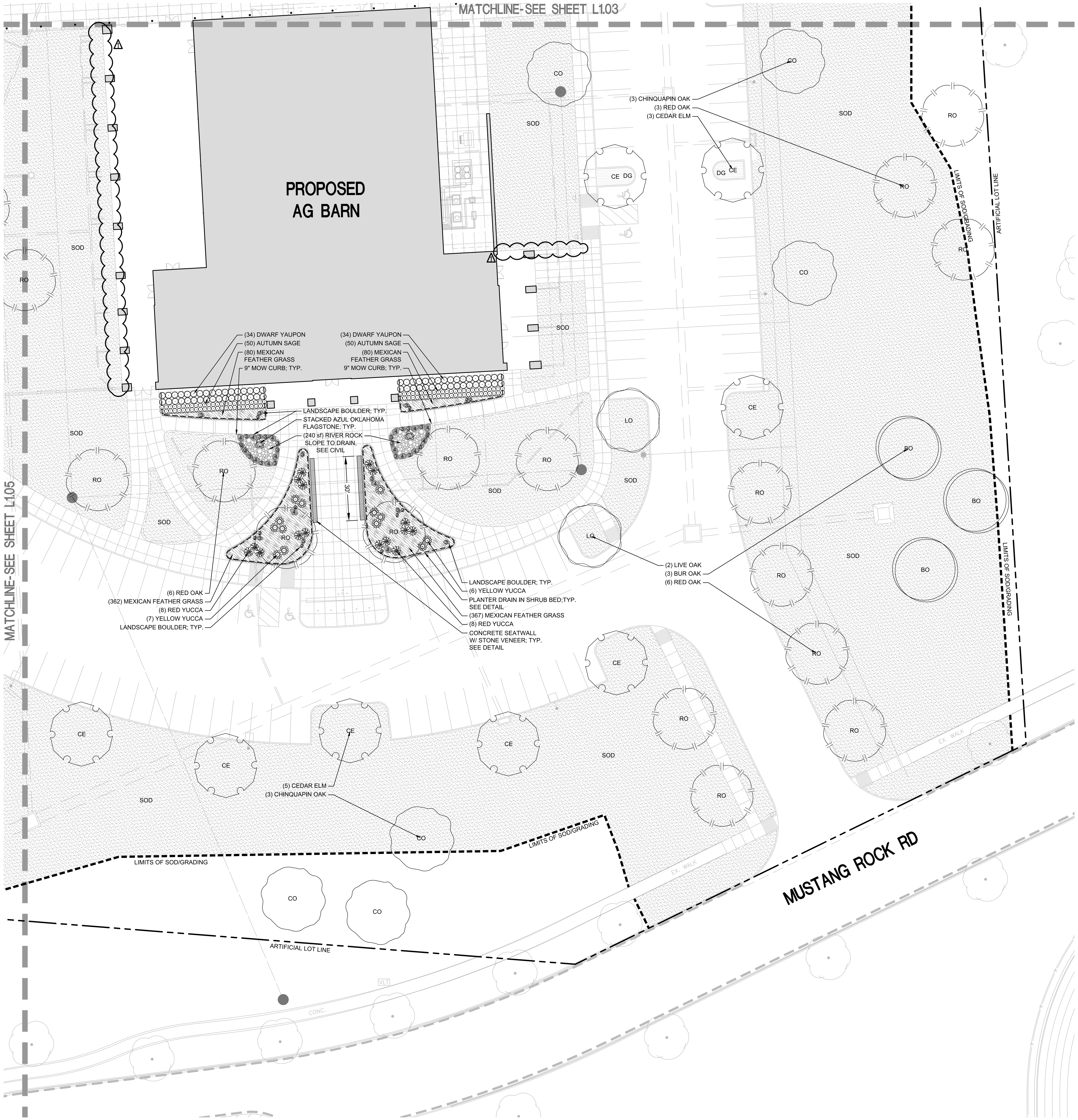
Proj. Arch. VLK	

PROJECT NO.
24-057.00

SHEET TITLE
LANDSCAPE PLAN

SHEET NO.
L1.02



tnp

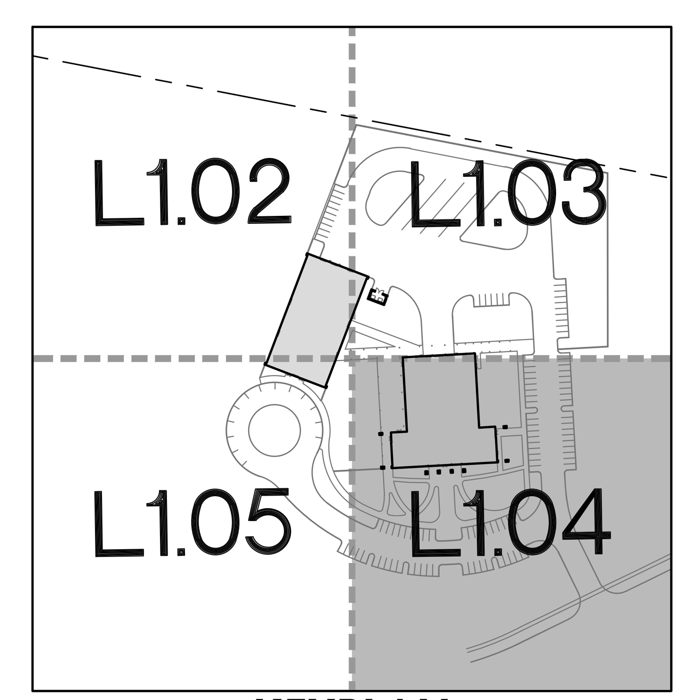
GRAPHIC SCALE

20 0 10 20 40

GRAPHIC SCALE: 1" = 20'

PLANT KEY

SYMBOL	COMMON NAME
LARGE CANOPY TREE	
BO	BUR OAK
CE	CEDAR ELM
CO	CHINQUAPIN OAK
LO	LIVE OAK
RO	RED OAK
SHRUBS	
	AUTUMN SAGE
	COLOR GUARD YUCCA
	DWARF YAUPON
	LINDHEIMER'S MUHLY
	RED YUCCA
	YELLOW YUCCA
	ZEXMENIA
SHRUB AREAS	
	MEXICAN FEATHER GRASS
GROUND COVERS	
	DECOMPOSED GRANITE
	RIVER ROCK
SOD/SEED	
	TIF 419 BERMUDA SOD



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24-057.00

SHEET TITLE
LANDSCAPE PLAN

SHEET NO.
L1.04

PLANTING NOTES

SECTION 1 - GENERAL

1. These notes are intended as a field reference for the Contractor. The Contractor will thoroughly review these notes, specifications and the drawings prior to start of any work. The Contractor shall visit the site prior to submitting his bid and prior to start of work to become completely familiar with site conditions.

2. It is the responsibility of the contractor to advise the Landscape Architect (hereinafter, LA) of any condition found on the site which prohibits installation as shown on these drawings.

3. Prior to submitting a bid, the Contractor shall verify any discrepancies between the notes, specifications, or the drawings with the LA for clarification. If there is a discrepancy between the quantity of materials shown on the plans and the quantity of materials shown in the materials legends, the greater quantity will take precedence for bidding purposes. All quantities listed are for information only. It is the contractor's responsibility to provide full coverage of materials in all areas.

4. Written dimensions prevail over scaled dimensions. Notify landscape architect of any discrepancies

5. The Contractor bears all responsibility for obtaining all licenses and permits required by federal, state, and local agencies to accomplish the work of this project.

6. Contractor shall complete soil test in all planting areas to determine soil amendment requirements and submit test results to LA for approval. Contractor shall adjust pH and fertility based upon these results. No addition to or placement of soil is to be done prior to initial soil test report approval. Testing shall be done by LA approved laboratory. No planting shall begin until results and proper adjustment have been made. It is the Contractor's responsibility to ensure proper drainage and fertility of all planting areas.

7. Coordinate all work with the project's building contractor or owner.

8. Warning! Call toll-free 811 *before* you dig! The contractor bears all responsibility for verifying all underground utilities, pipes, and structures in the field prior to construction. Any damage to utilities that are to remain shall be repaired immediately at no expense to the owner. The Contractor shall contact the building contractor and all utility authorities to mark location of site utilities. Install flags or stakes and maintain them in place throughout the project. Damage to utilities or other work shall be repaired at the expense of the contractor responsible for the damage. The locations of existing utilities as shown on these plans are approximate. There may be other underground utilities within the project area that are not shown. Landscape Architect and/or Engineer assumes no responsibility for any utilities not shown on plans.

9. Due to existing vegetation and other site conditions, the Contractor should anticipate field adjustments by the LA and should understand such adjustments are not a change order.

10. The Contractor shall give the LA 48 hours' notice of required inspections *upon completion* of each of the following phases:

A. Pre-Construction Conference after award of bid (on-site)
B. Construction debris/ weed clean-up (before *any* grading, fill, or irrigation)
C. Rough Grading (within 2” of finish grade), Utility Marking, and Tree Staking
D. Fine Grading and Tree Staking (before any tree pits are dug)
E. Tree Planting
F. Staking of Bedlines and/or Edging
G. Shrub Planting
H. Substantial Completion
I. Final Acceptance

11. Contractor shall guarantee all plant material for one (1) full year from date of final acceptance. The cutting off of water or electricity by other trades or persons shall not void the warranty.

12. It is the contractor's responsibility to insure the availability of water to the plants at all times until final acceptance. The contractor shall reject and replace all trees with tip-dieback of more than one (1) inch over the entire canopy of the tree and replace all shrubs or plants with any dieback. All rejected plant material shall be replaced with specified plant material within 14 calendar days at the contractor's expense.

13. LA assumes no responsibility for damages, liabilities, or cost resulting from changes or alterations made to the plan without the express written consent of LA.

14. All materials, locations, and workmanship are subject to approval or refusal by the LA. All materials, locations, and workmanship rejected by the LA shall be remedied at the Contractor's expense.

SECTION 2 - MATERIALS

15. The Contractor shall check all material for specified requirements, shipping damage, pests, and diseases and shall reject all unsatisfactory materials. All plant material is to be carefully handled by the root ball, not the trunk, branches, and/or foliage of the plant. Mishandled material will be rejected. B&B material shall be 'hardened off” after digging for at least 90 days and have at least 10" of rootball for every caliper inch. All material rejected by the LA shall be removed from the site and replaced with acceptable material at the Contractor's expense

16. Plants shall be well formed, vigorous, growing specimens with growth typical of variety specified and shall be free from injury, insects, and diseases. All plant material is to be well rooted, not root bound, such that the root ball remains intact throughout the planting process. The Contractor shall reject all cracked root balls. All plant material shall conform to the specifications and sizes shown in the plant list and shall be nursery grown in accordance with the latest edition (ANSI Z60.1) of “American Standard for Nursery Stock.” Any plant substitution shall be approved by landscape architect prior to purchase. Trees with co-dominant stems shall be rejected.

17. Do not make substitutions. If specified material is not available, submit proof of non-availability to LA.

18. All planting areas shall have organic topsoil that is natural, well-drained, friable, fertile, sandy-loam. Sandy-loam is to be pH 6.5-7.5. Heavy clays, limestone, poorly drained bottomland soil, silt, or alluvial soils are not allowed in any planting areas. Topsoil shall be free of harmful insects or nematodes, soil-borne diseases, toxins, select fill, inorganic subsoils, heavy metals, trash, petroleum by-products, rocks over 1/2” in diameter, rubble, roots, and weeds or weed seeds. Contractor shall submit a 2-cup sample in a gallon-size baggie to Landscape Architect before delivery of any soil to the site or placement of any soil in planting areas.

19. Sod shall consist of live growing plants secured from sources which have dense, thickly matted root system throughout the soil of the sod for a minimum of one inch. Sod shall be free of weeds or other varieties of grasses.

20. Sod shall not be used where the roots are dried because of sun or wind. The landscape architect has the right to reject any or all of sod due to lack of care, improper cutting, or other agronomic problems.

SECTION 3 - EXECUTION

21. The Contractor shall *thoroughly* remove from the construction site all limestone larger than 1/2" in diameter and all heavy clay to these depths: 6” minimum in turf and seed areas, and 18" minimum in planting beds. The LA shall verify that this is complete before the Contractor is authorized to proceed with fill of specified topsoil or grading. Scarify subsoil after removal of rock or heavy clay before adding topsoil so as to break up any surface tension.

22. The Contractor shall thoroughly remove from the construction site all the following particles that are larger than 3/4" in diameter: inorganic select fill, heavy clay, limestone, and construction debris, mortar, concrete, paint, chemicals, weeds, plastic, paper, steel, mortar, masonry, construction debris, and other substances that are harmful to plant growth. Remove the above items to these depths: 6” minimum in turf and seed areas, and 18" minimum in planting beds. The LA shall verify that the above items are removed before the Contractor is authorized to proceed with fill with specified topsoil or grading. DO NOT PLACE ANY FILL ON CONSTRUCTION DEBRIS.

23. Mow curbs shall be used at all planting bed edges when they are adjacent to lawn (see detail). Unless otherwise shown on plans, mow curbs shall intersect curbs, sidewalks, and buildings at 90 degrees (square). Mow curbs shall have expansion joints every 50' and at all abutments to other hardscape elements. Construction joints shall be saw cut at 10' on center. Mow curbs shall have curves that are smooth, flowing, and consistent in nature. Mow curbs with straight lines shall be straight. All formwork shall be within a ¼” tolerance of drawings. No mow curb shall have a radius smaller than 72” unless specifically called out on drawings.

24. Contractor shall fine grade all areas for approval by LA. Contractor shall be responsible for providing 2% positive drainage in all planting areas. No planting or mulching will take place until all construction, clean-up, fine grading, and irrigation is complete in the immediate area. Final finish grading shall be reviewed by the LA before any planting takes place. Contractor shall be responsible for any additional topsoil required to create a smooth condition prior to planting.

25.All planting beds shall be amended as per plans details and specs.Submit trip tickets to L.A. for approval of quantity and type of materials.

26. All sod and seed areas shall be amended as per plans and specifications.

27. Scarify all rootballs (#1 and larger) to prevent plants from remaining pot-bound. This is to be done by hand or with a 3-prong cultivator but never with a shovel or machete.

28. Place shrubs and groundcovers so that the top of the rootball is ¼” to ¾” above finish grade Trees shall be set 1" above finish grade for each caliper inch of trunk. Example: A 3" tree shall be set 3" above finish grade.

29. Water in and compact planting backfill to prevent formation of air pockets.

30. Plants shall be set plumb, unless otherwise directed by LA.

31. Back row of shrubs shall be planted 36” from face of building wall, groundcovers shall be 12” from building or as required by conditions. Front row of shrubs shall be planted a minimum of 24” behind (12” for ground cover) bed lines at lawns or walks and minimum 36” back from curbs, driveways, and parking areas.

32. After planting, remove strapping, wire "ears" and string, cords, burlap, etc. from top of B&B rootballs.

33. All planting beds and trees shall be mulched with 3” of mulch (2.5” after settlement).

34. All trees are to be stabilized per detail and specs immediately after planting.

35. All sod areas shall be thoroughly graded and smoothed with at least 8 passes in different directions using a drag-behind system such as a bunker rake or other device until very smooth and within 1/4" of specified grade (see civil sheets for grading plans).

36. Prior to sod installation, a fertilizer shall be applied and tilled into the prepared soil. Application must be done no longer than 24 hours prior to installation of sod. Do not apply fertilizer when a possibility of rain might occur before sod is installed. Reference specifications for specific type of fertilizer to be used.

37. Lay sod in parallel rows with tight joints. All sod must be placed perpendicular to slopes and staggered no less than 12" on each row. Slopes greater than 4:1 must be held in place with galvanized sod pins, wood pegs, or other method approved by LA. All sod shall be rolled with a 5-ton mechanical roller in at least two directions within 24 hours of laying. All sod areas shall be barricaded with wood stakes and ribbon for no less than 7 days.

38. Plant material shall be pruned as necessary to control size but not to disrupt the natural growth pattern or characteristic form of the plant except as necessary to achieve height clearance for visibility and pedestrian passage or to achieve a continuous opaque hedge if required.

39. All plant material shall be fully-maintained in a healthy and growing condition until final acceptance, and must be replaced with plant material of same variety and size if damaged, destroyed, or removed. This includes mowing, pruning, watering, and weeding.

40. Landscaped areas shall be kept free of trash, weeds, debris, and dead plant material until final acceptance. Any damage to landscape areas shall be repaired at no cost to owner.

PLANT SCHEDULE

SYMBOL	COMMON NAME	BOTANICAL NAME	QTY	SIZE	HEIGHT	SPREAD	SPACING	REMARKS
LARGE CANOPY TREE								
BO	BUR OAK	Quercus macrocarpa	16	3" Cal.	12`-14`	5`-6`	As shown	CONTAINER GROWN, FULL DENSE HEAD, SYMMETRICAL, SINGLE, STRAIGHT TRUNK
CE	CEDAR ELM	Ulmus crassifolia	19	3" Cal.	12`-14`	5`-6`	As shown	CONTAINER GROWN, FULL DENSE HEAD, SYMMETRICAL, SINGLE, STRAIGHT TRUNK
CO	CHINQUAPIN OAK	Quercus muehlenbergii	17	3" Cal.	12`-14`	5`-6`	As shown	CONTAINER GROWN, FULL DENSE HEAD, SYMMETRICAL, SINGLE, STRAIGHT TRUNK
LO	LIVE OAK	Quercus virginiana	13	3" Cal.	14`-16`	6`-8`	As shown	CONTAINER GROWN, FULL DENSE HEAD, SYMMETRICAL, SINGLE, STRAIGHT TRUNK
RO	RED OAK	Quercus shumardii	24	3" Cal.	12`-14`	10`-12`	As shown	CONTAINER GROWN, FULL DENSE HEAD, SYMMETRICAL, SINGLE, STRAIGHT TRUNK
SHRUBS								
	AUTUMN SAGE	Salvia greggii	100	3 Gal.	12"-14"	8"-10"	24" O.C.	CONTAINER GROWN, MATURE ROOT SYSTEM BUT NOT ROOT BOUND. FULL BROAD TOP.
	COLOR GUARD YUCCA	Yucca filamentosa `Color Guard`	39	3 Gal.	12"-18"	12"-18"	36" O.C.	CONTAINER GROWN, MATURE ROOT SYSTEM BUT NOT ROOT BOUND. FULL TOP.
	DWARF YAUPON	Ilex vomitoria `Nana`	68	5 Gal.	18"-22"	20"-24"	36" O.C.	CONTAINER GROWN, MATURE ROOT SYSTEM BUT NOT ROOT BOUND. FULL BROAD TOP.
	LINDHEIMER`S MUHLY	Muhlenbergia lindheimeri	21	3 Gal.	24"-26"	18" - 24"	42" O.C.	CONTAINER GROWN, MATURE ROOT SYSTEM BUT NOT ROOT BOUND. FULL BOARD TOP.
	RED YUCCA	Hesperaloe parviflora	27	3 Gal.	18"-24"	12"-16"	42" O.C.	CONTAINER GROWN, MATURE ROOT SYSTEM BUT NOT ROOT BOUND. FULL BROAD TOP.
	YELLOW YUCCA	Hesperaloe parviflora 'Yellow'	22	3 Gal.	18"-24"	12"-16"	42" O.C.	CONTAINER GROWN, MATURE ROOT SYSTEM BUT NOT ROOT BOUND. FULL BROAD TOP.
	ZEXMENIA	Wedelia acapulcensis var. hispida	65	3 Gal.	12"-18"	8"-12"	24" O.C.	CONTAINER GROWN, MATURE ROOT SYSTEM BUT NOT ROOT BOUND. FULL BROAD TOP.
SHRUB AREAS								
	MEXICAN FEATHER GRASS	Nassella tenuissima	1,344	3 Gal.	8"-10"	4"-6"	18" O.C.	CONTAINER GROWN, MATURE ROOT SYSTEM BUT NOT ROOT BOUND. FULL BROAD TOP.
GROUND COVERS								
	DECOMPOSED GRANITE	Decomposed Granite	242 sf	1/4" Minus	n/a	n/a	n/a	4" THICK WITH WEED BARRIER FABRIC. REF DETAIL
	RIVER ROCK	Mexican Beach Pebbles	480 sf	3" - 5"	n/a	n/a	n/a	6" MORTARED, WITH FILTER FABRIC. SEE DETAIL.
SOD/SEED								
	TIF 419 BERMUDA SOD	Cynodon dactylon `TIF 419`	1 343,714 sf	Rolled sod	n/a	n/a	n/a	REF PLANTING NOTES AND SPECIFICATIONS

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Drawn By: TNP
Designer: PCV
Quality Control: TNP
Proj. Arch.: VLK

PROJECT NO.
24-057.00

SHEET TITLE
LANDSCAPE NOTES & SCHEDULE

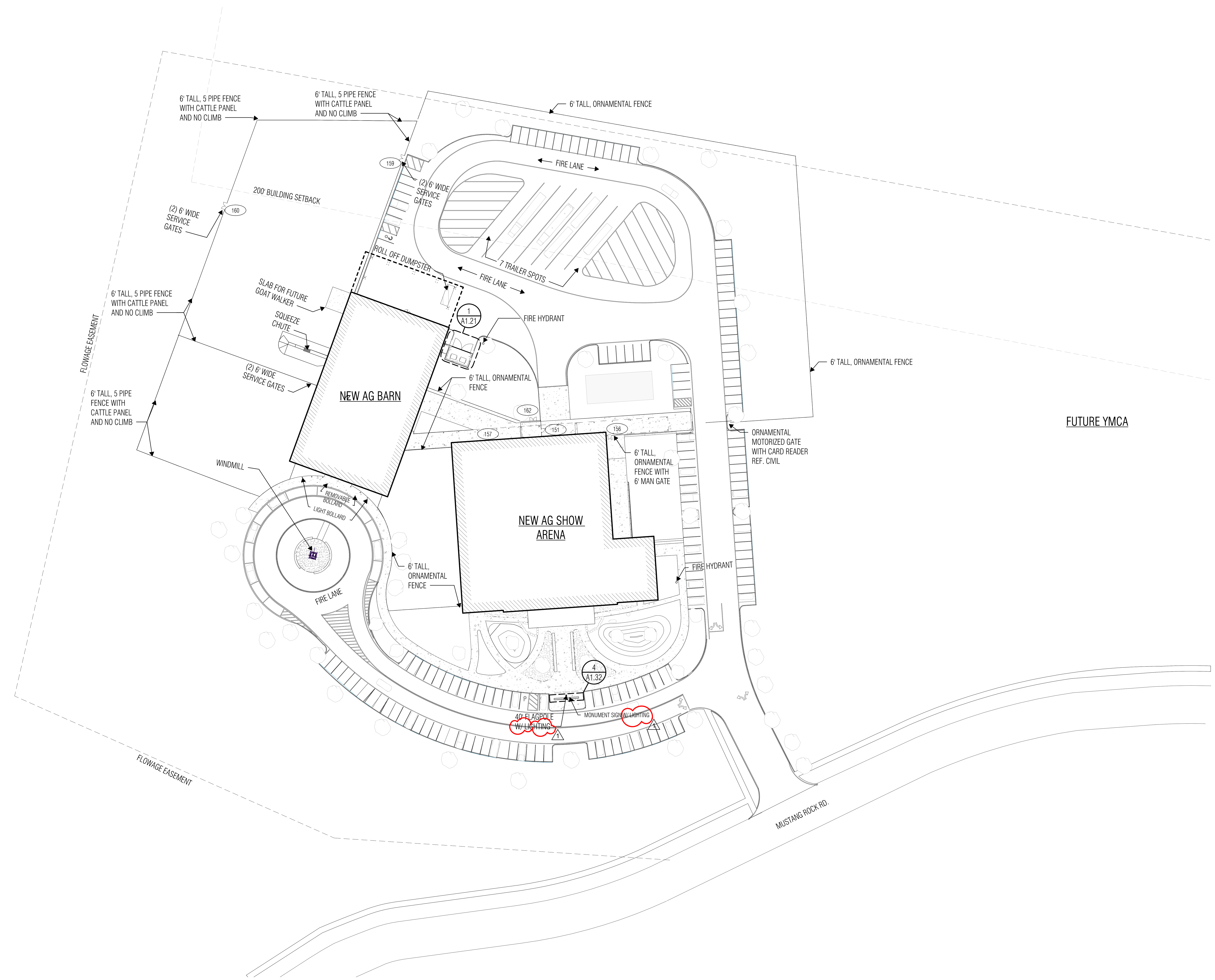
SHEET NO.
L1.06

SITE PLAN LEGEND

- - - - -	FIRE LANE (PER CITY STANDARDS)
—x——x——x—	5 PIPE FENCE, See Plan for Heights
—o——o——o—	ORNAMENTAL FENCE, See Plan for Heights

SITE PLAN NOTES

1. Verify and document existing dimensions and conditions at the site before beginning construction. Notify the Architect of conflicts or variations prior to commencement of construction.
2. To prevent damage to existing trees and shrubs in proximity to the Work, provide and maintain protective barriers around those items in accordance with the specified procedures, or in the absence of those procedures, with recognized landscaping and horticultural practices.



1 SITE PLAN
SCALE: 1" = 50'-0"

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EAGLE MOUNTAIN-SAGINAW ISD
FORT WORTH, TEXAS

EMS ISD AGRICULTURAL SCIENCE COMPLEX

REGISTERED ARCHITECT LAUREN V. BROWN 23211 STATE OF TEXAS
06/10/2025

ISSUED: MAY 28, 2025

REVISIONS

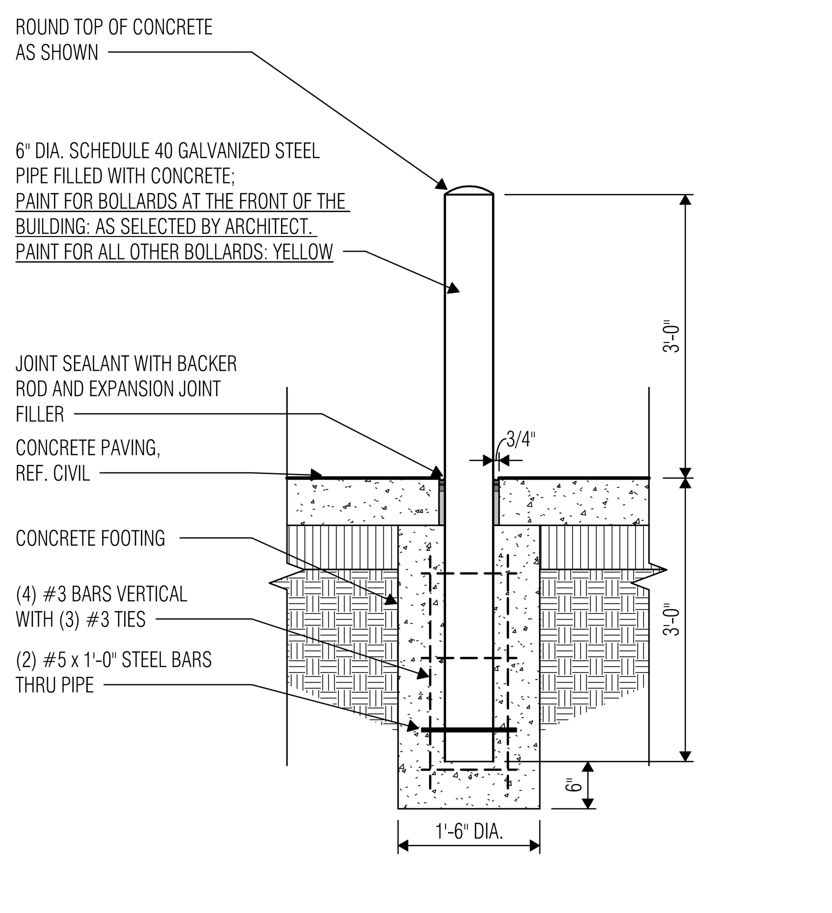
Revision No.		Revision Date
1	Addendum No. 1	06-10-2025

Director LAH	Drawn By VLK
Designer ET	Quality Control
Proj. Arch. KT	

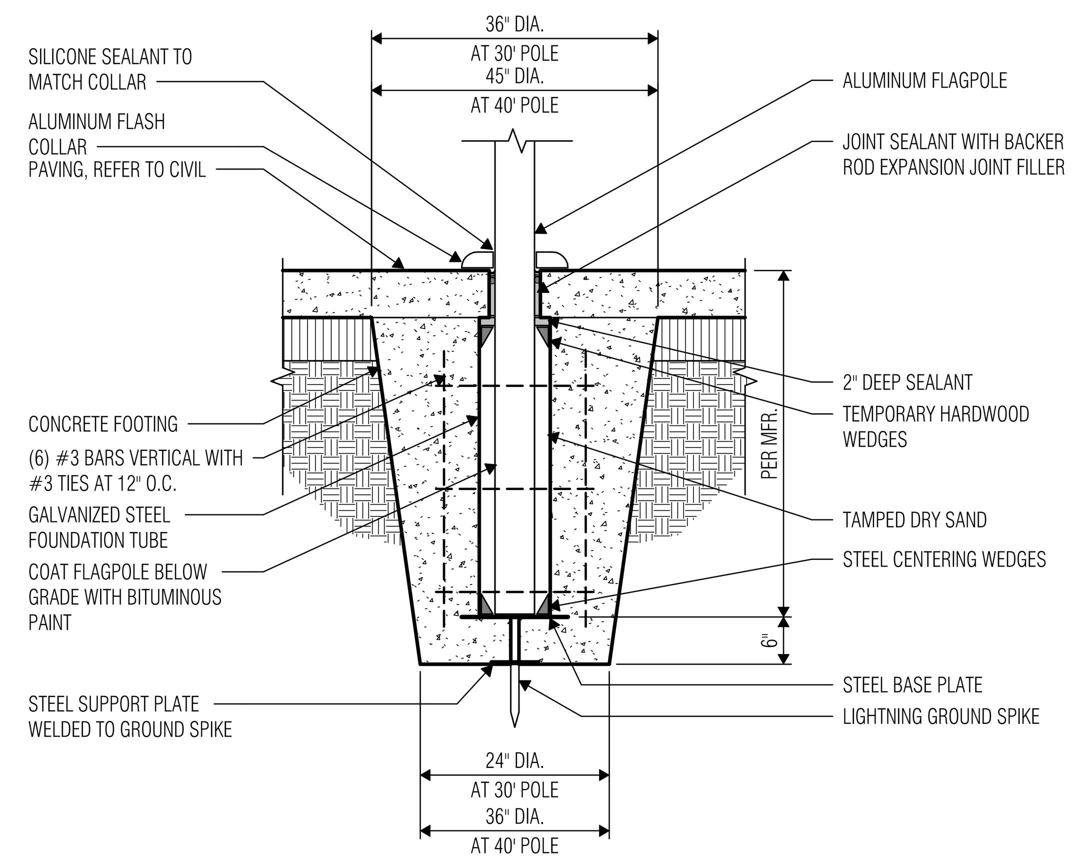
PROJECT NO.
24-057.00

SHEET TITLE
SITE PLAN

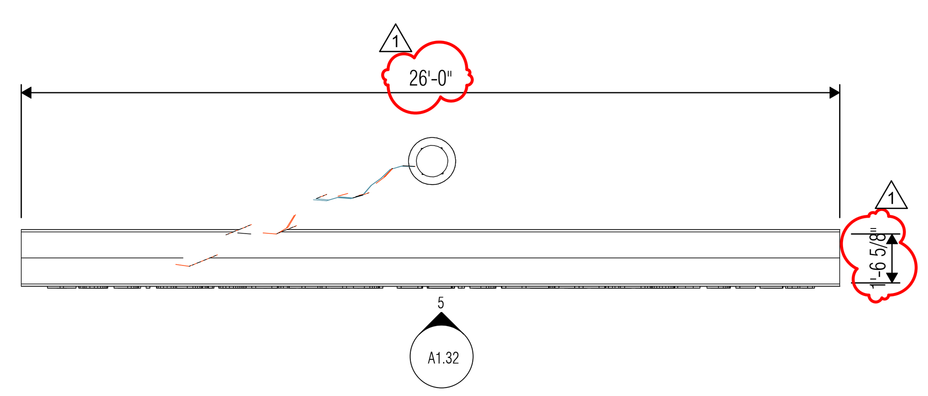
SHEET NO.
A1.11



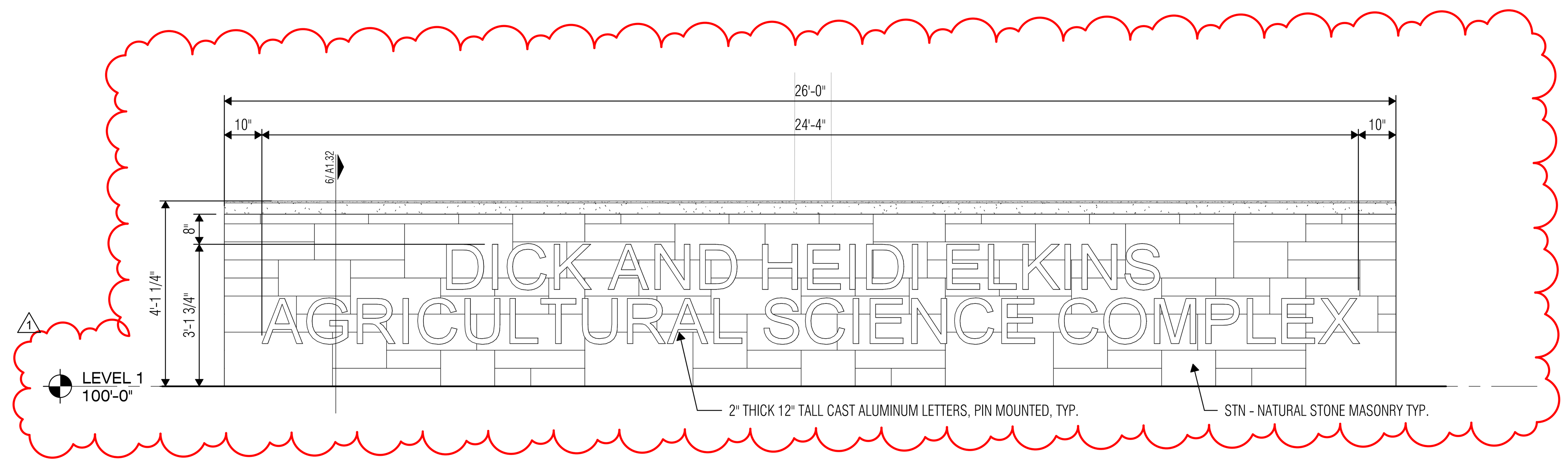
1 **BOLLARD DETAIL** S500
SCALE: 3/4" = 1'-0"



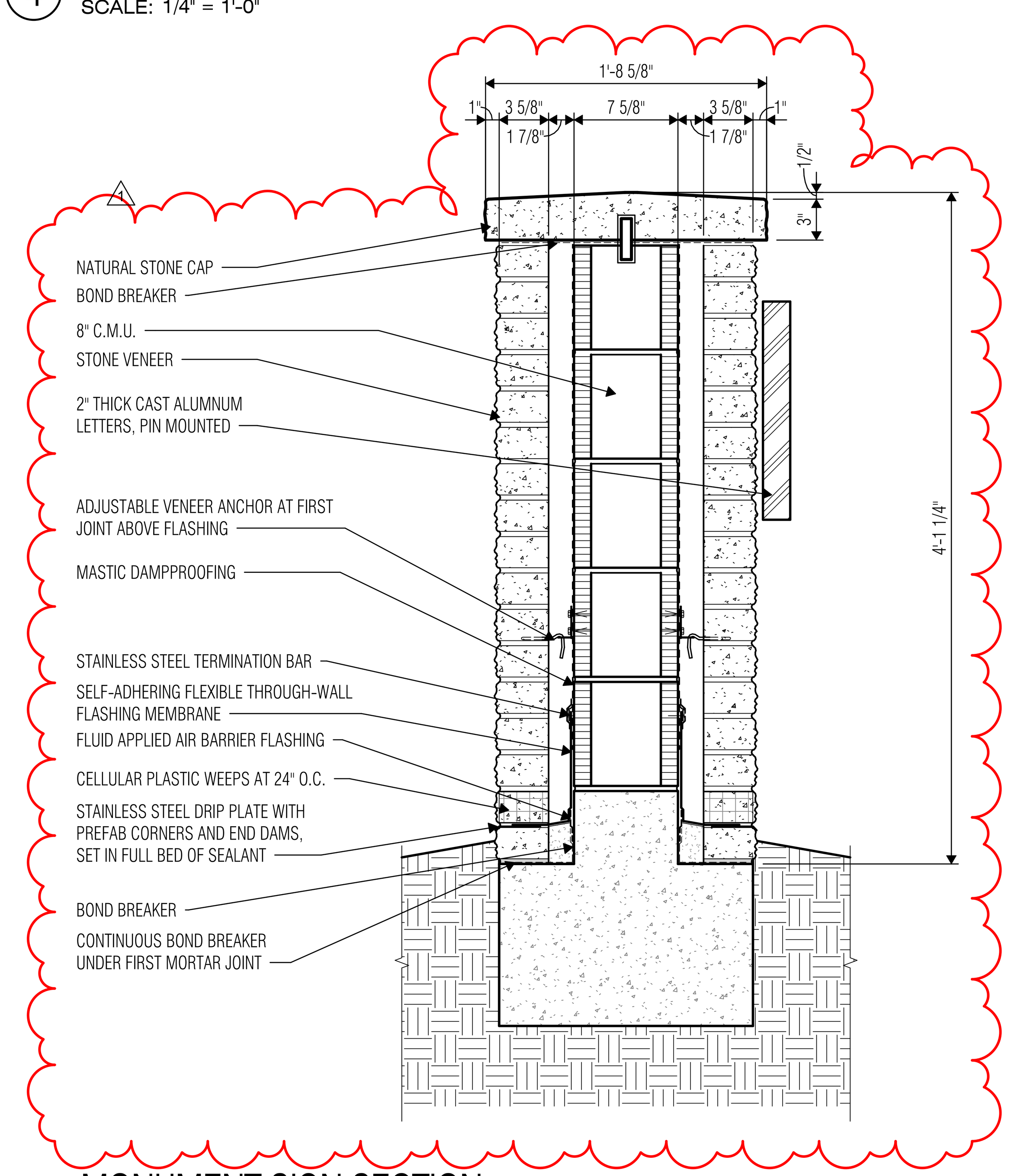
2 **FLAGPOLE FOUNDATION DETAIL AT PAVED AREAS**
SCALE: 3/4" = 1'-0"



4 **SITE PLAN - MONUMENT SIGN**
SCALE: 1/4" = 1'-0"



5 **MONUMENT SIGN**
SCALE: 1/2" = 1'-0"



6 **MONUMENT SIGN SECTION**
SCALE: 1 1/2" = 1'-0"

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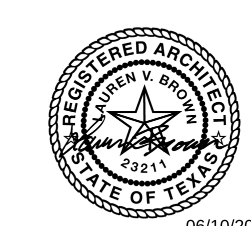

06/10/2025

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Drawn By: VLK
Designer: ET
Quality Control: QC
Proj. Arch.: KT

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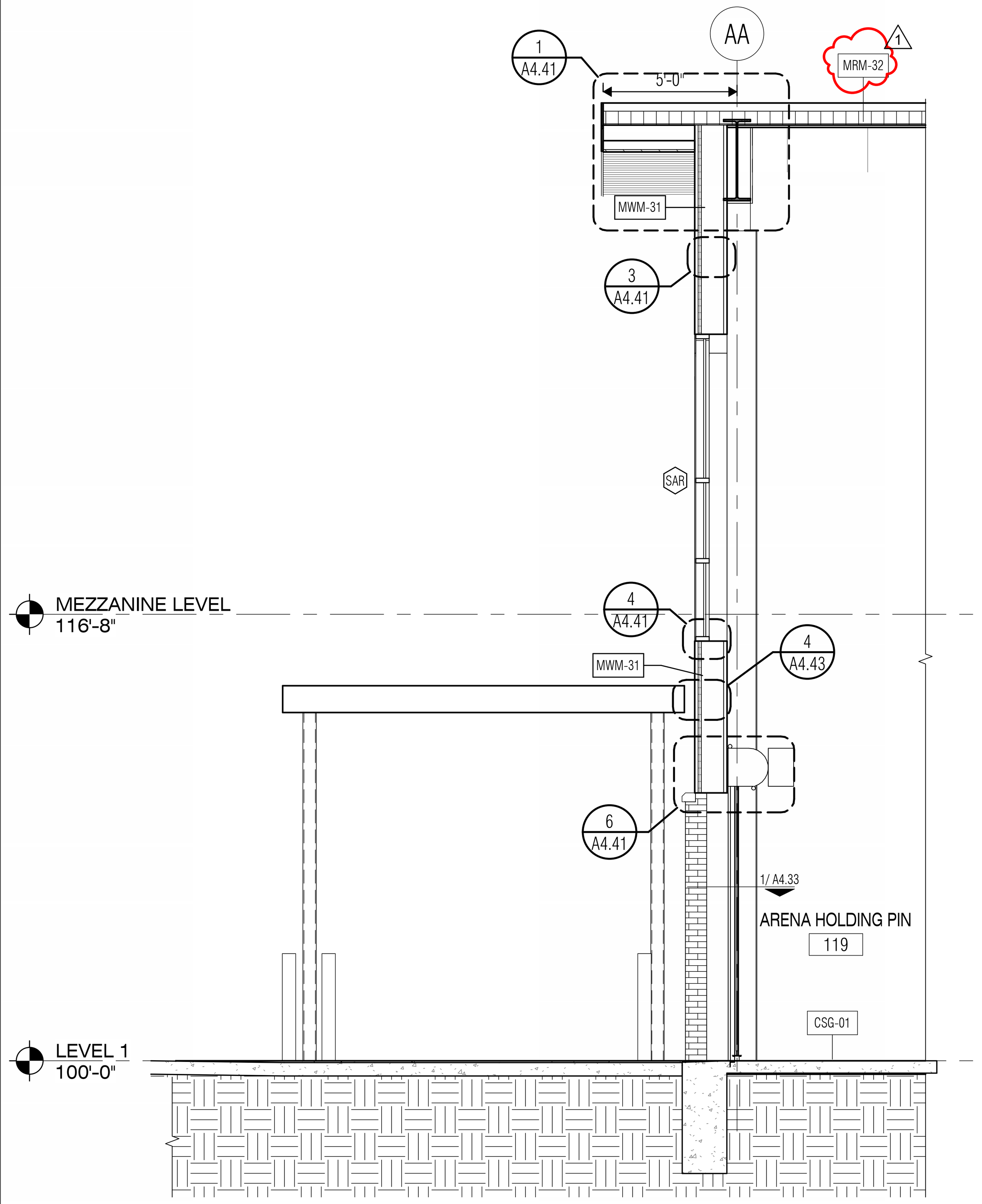
SHEET TITLE
ARCHITECTURAL SITE PLAN DETAILS

SHEET NO.
A1.32

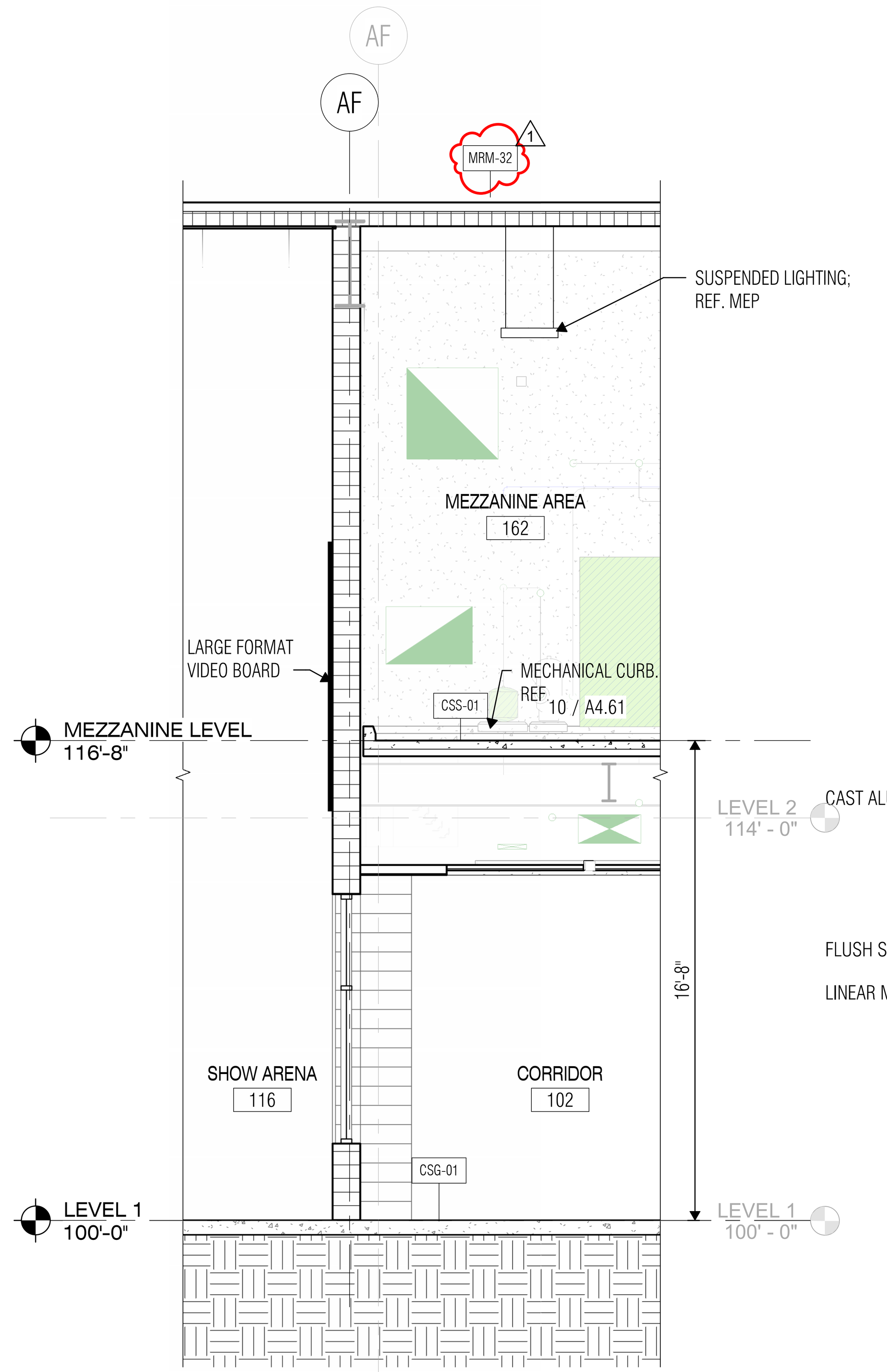
EMS ISD AGRICULTURAL SCIENCE COMPLEX

BUILDING ENVELOPE ASSEMBLY LEGEND - CLIMATE ZONE 3

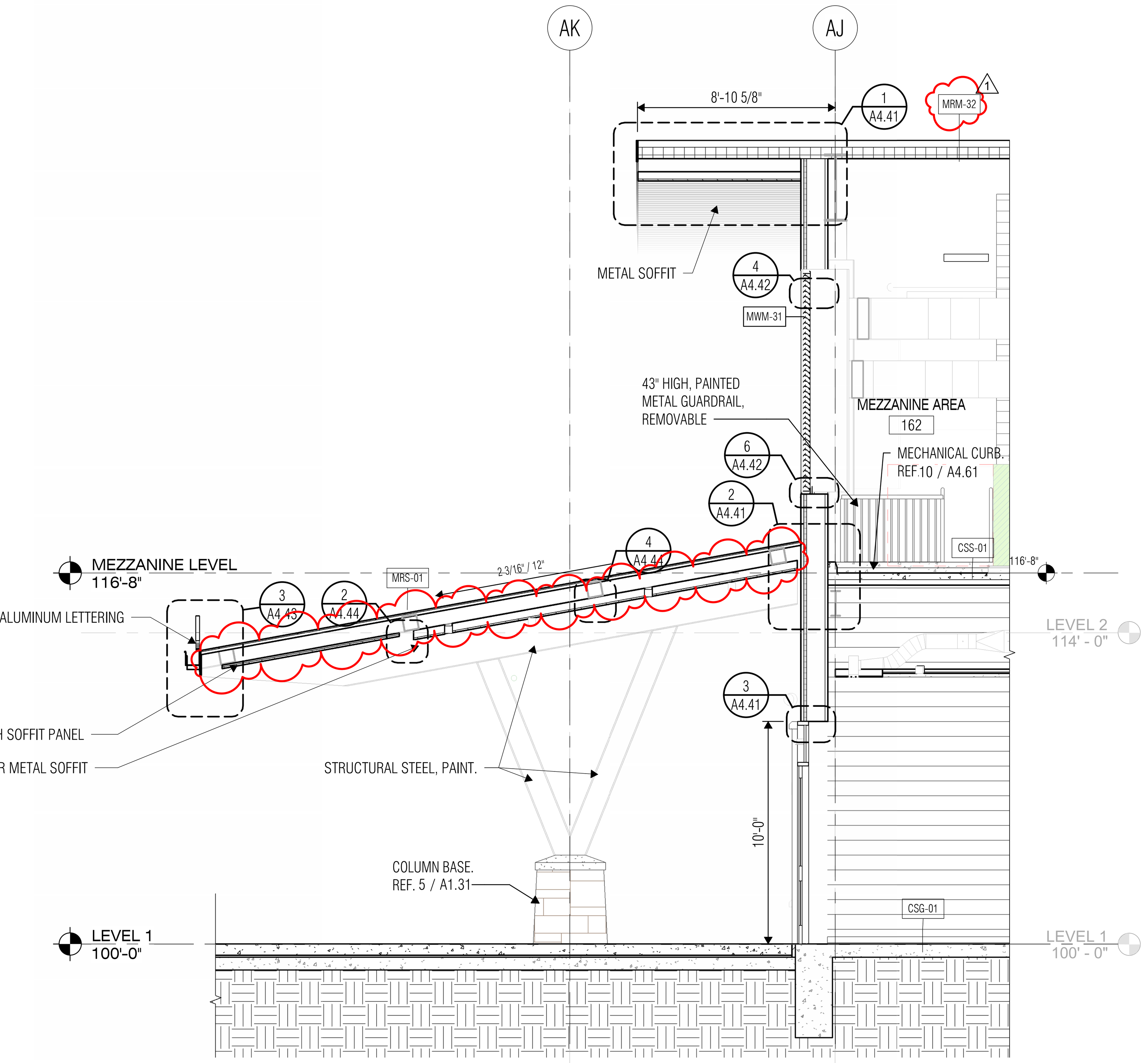
KEY	NOTES
CLADDING / BACKUP / CLIMATE ZONE / MARK — BMS-31	1. REFERENCE SHEET A4.10 FOR BUILDING ENVELOPE ASSEMBLY TYPES 2. CLIMATE ZONE DESIGNATION REFERS TO BUILDING LOCATION PER ENERGY CODE. 0 = NO CLIMATE ZONE CRITERIA AT THAT ASSEMBLY.



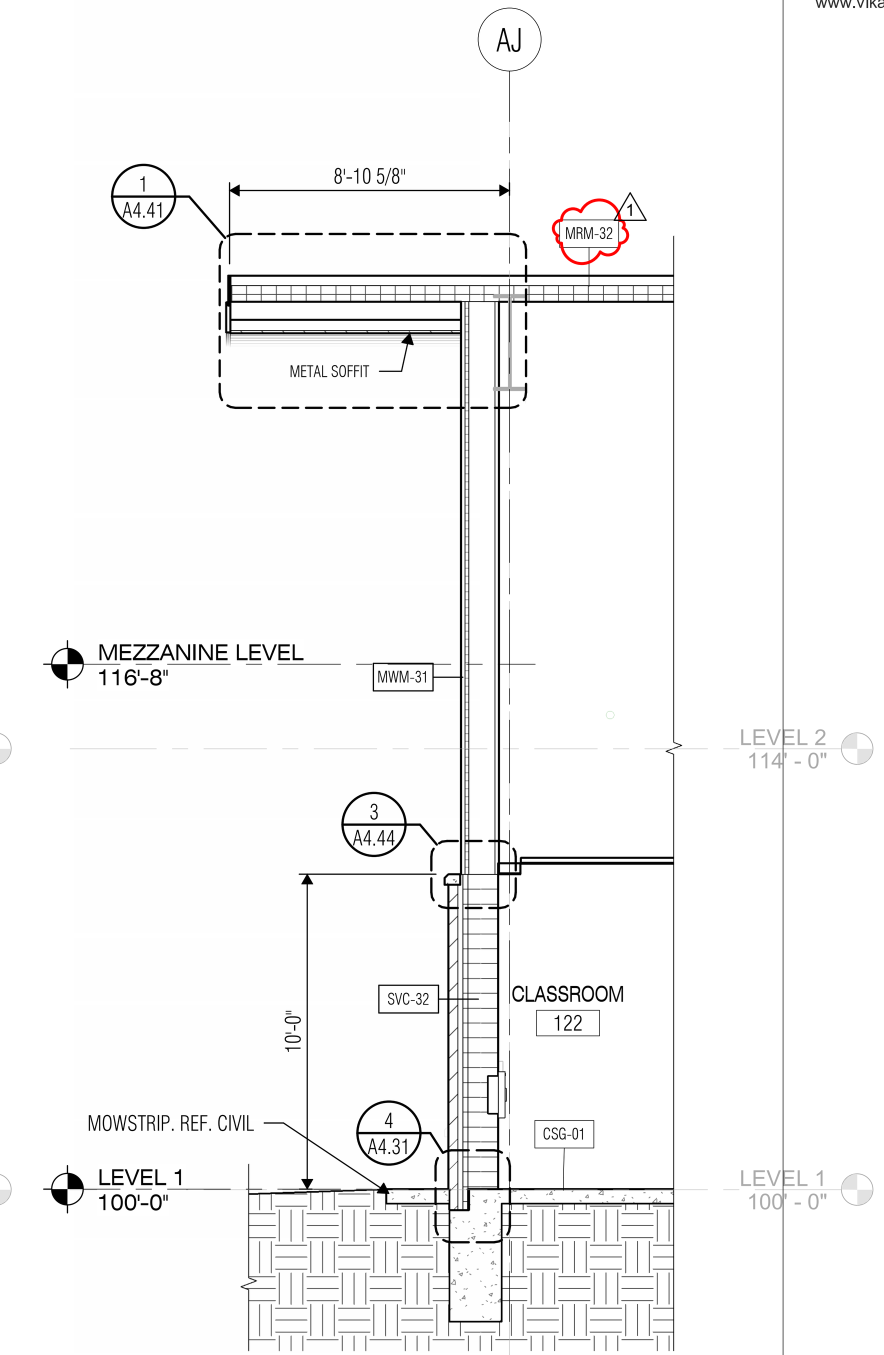
1 WALL SECTION - UNIT A - ARENA ENTRY
SCALE: 1/4" = 1'-0"



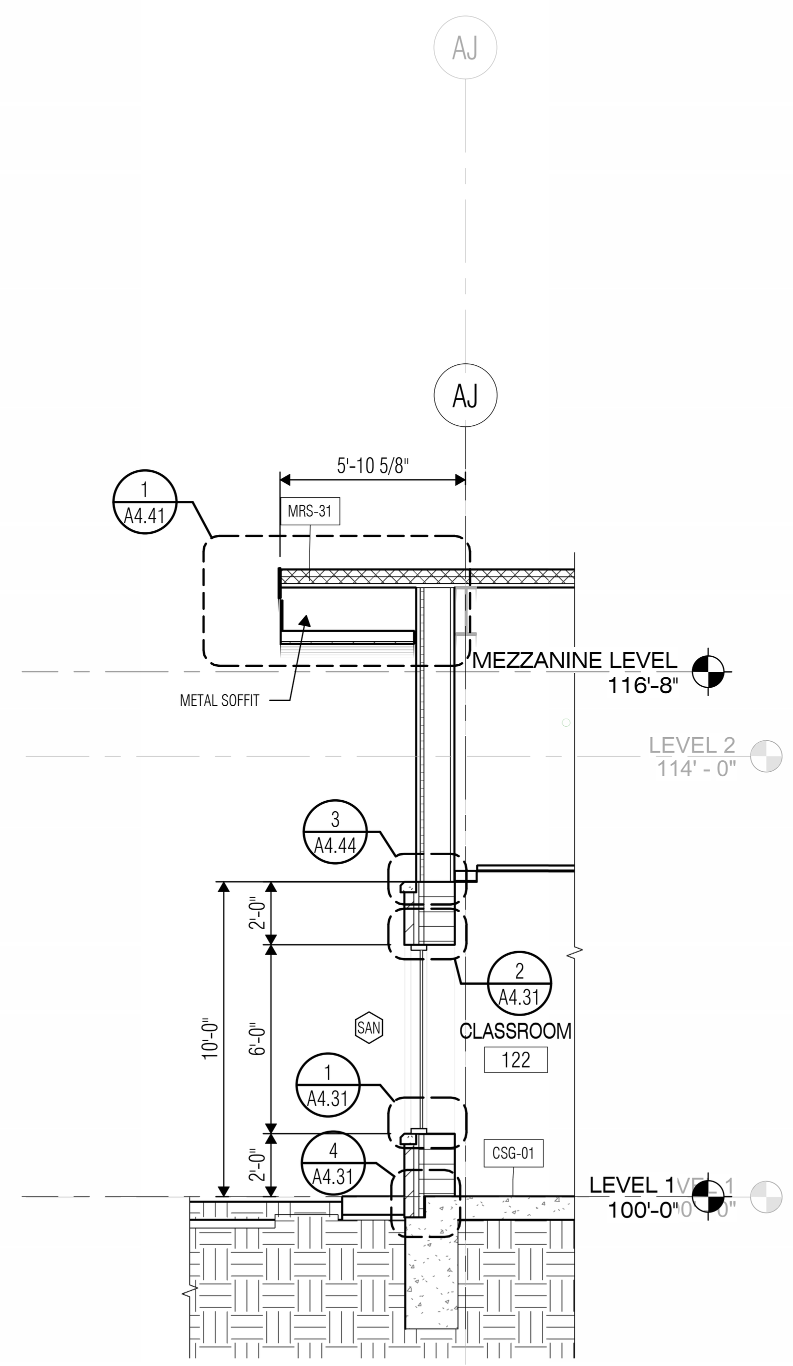
2 WALL SECTION - UNIT A - ARENA ENTRY
SCALE: 1/4" = 1'-0"



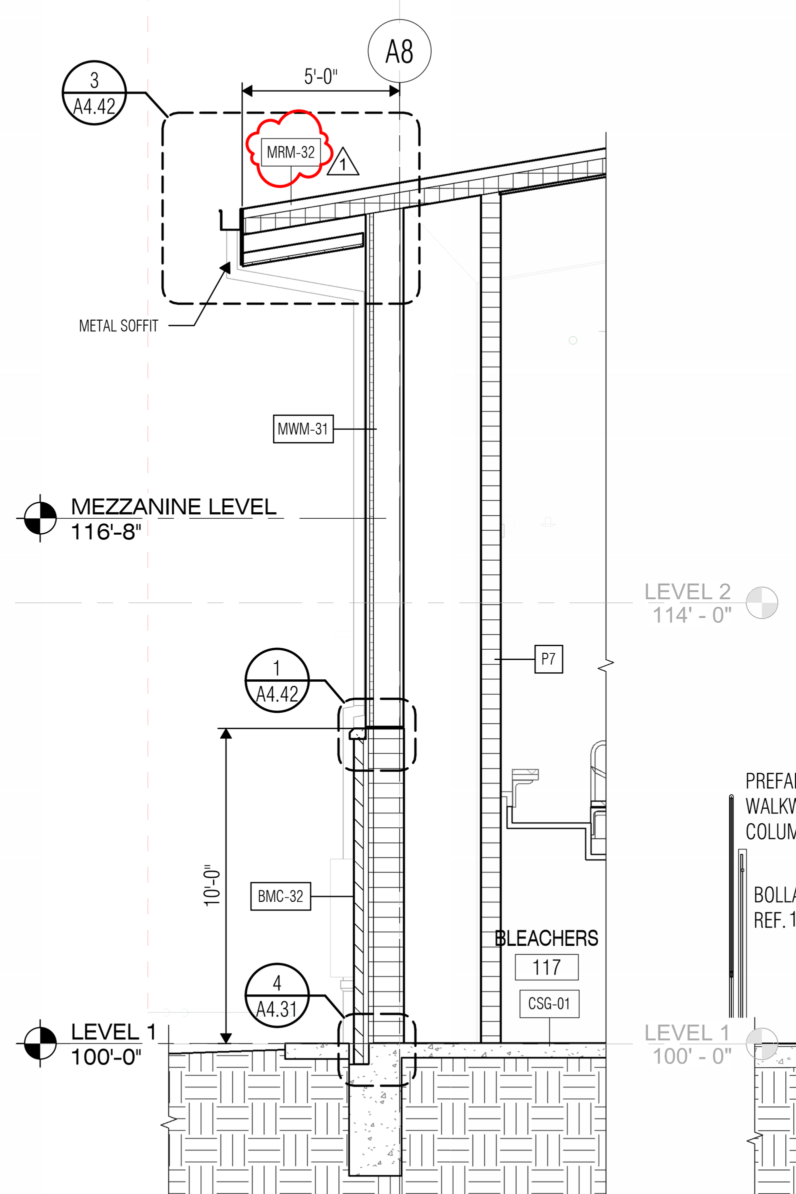
3 WALL SECTION - UNIT A - MAIN ENTRY
SCALE: 1/4" = 1'-0"



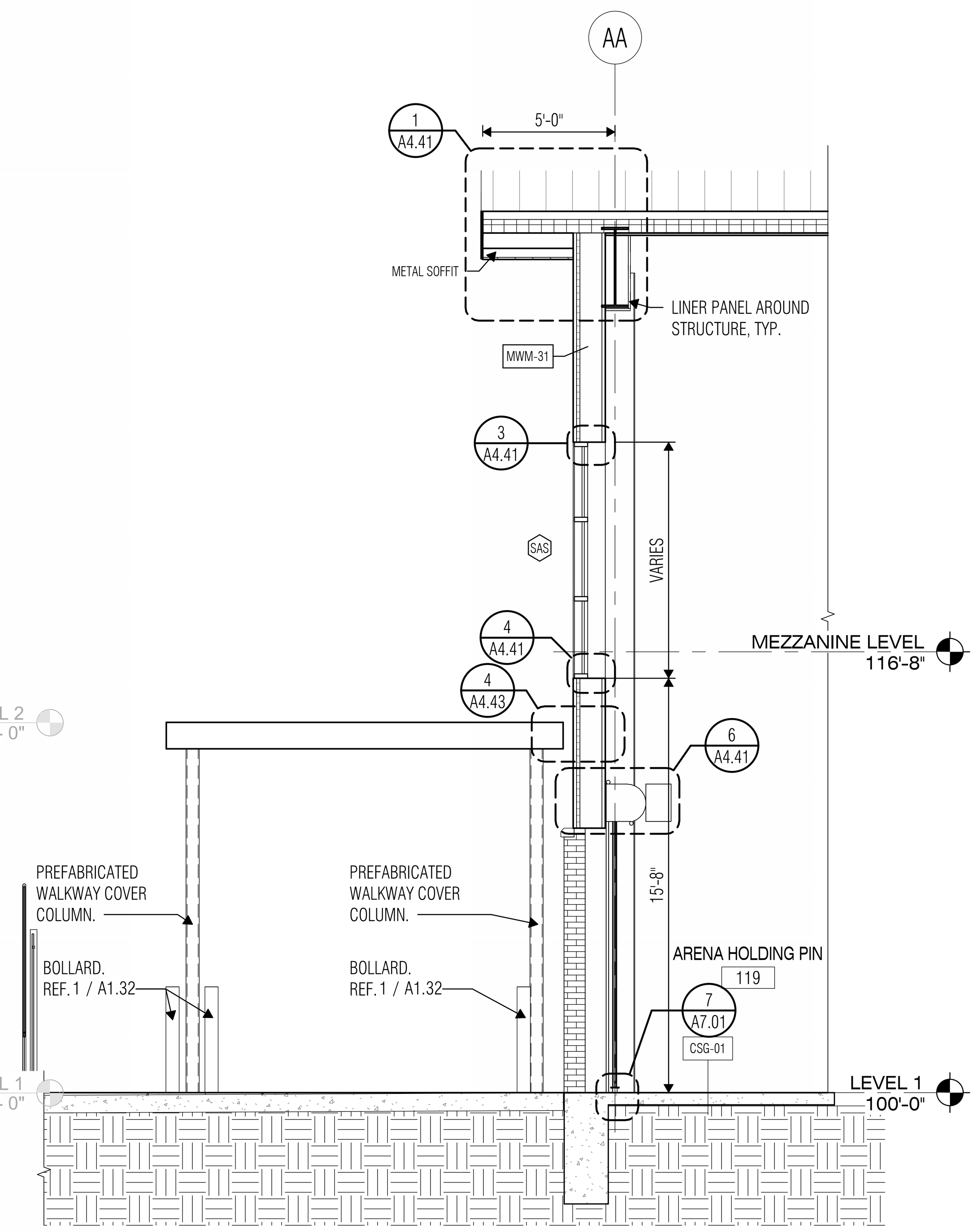
4 WALL SECTION - UNIT A - CLASSROOM
SCALE: 1/4" = 1'-0"



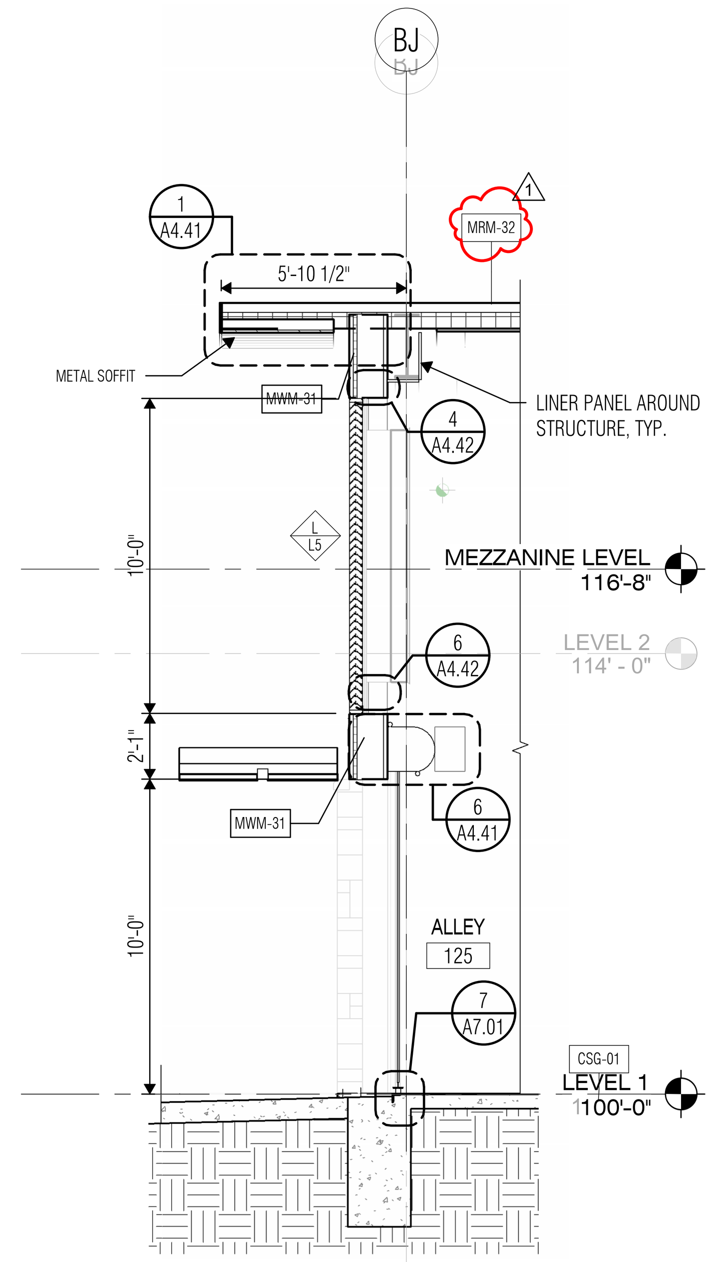
5 WALL SECTION - CLASSROOM
SCALE: 1/4" = 1'-0"



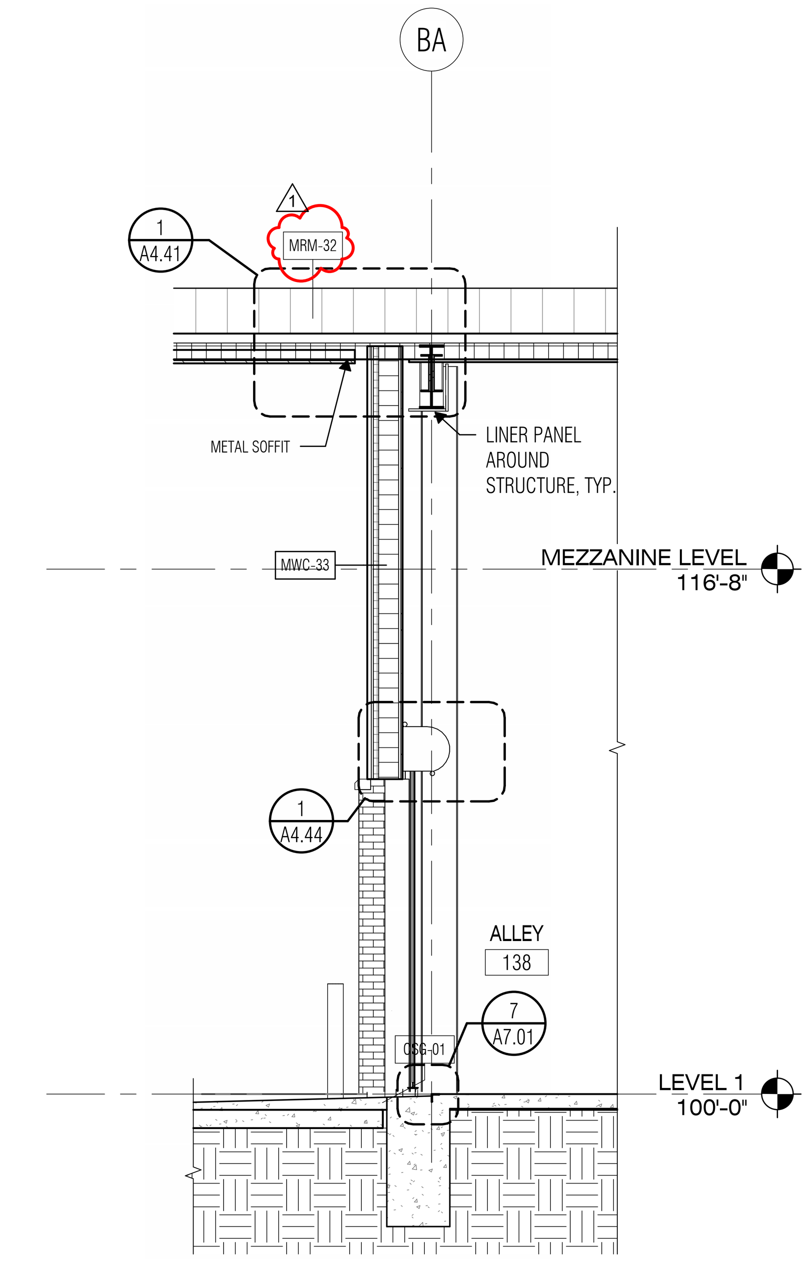
6 WALL SECTION - UNIT A - ARENA - EAST
SCALE: 1/4" = 1'-0"



7 WALL SECTION - UNIT A - ARENA
SCALE: 1/4" = 1'-0"



8 WALL SECTION - UNIT B - ALLEY SOUTH
SCALE: 1/4" = 1'-0"



9 WALL SECTION - UNIT B - ALLEY
SCALE: 1/4" = 1'-0"

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06/10/2025

ISSUED: MAY 28, 2025

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Director LAH	Drawn By VLK
Designer ET	Quality Control
Proj. Arch. KT	

PROJECT NO.
24-057.00

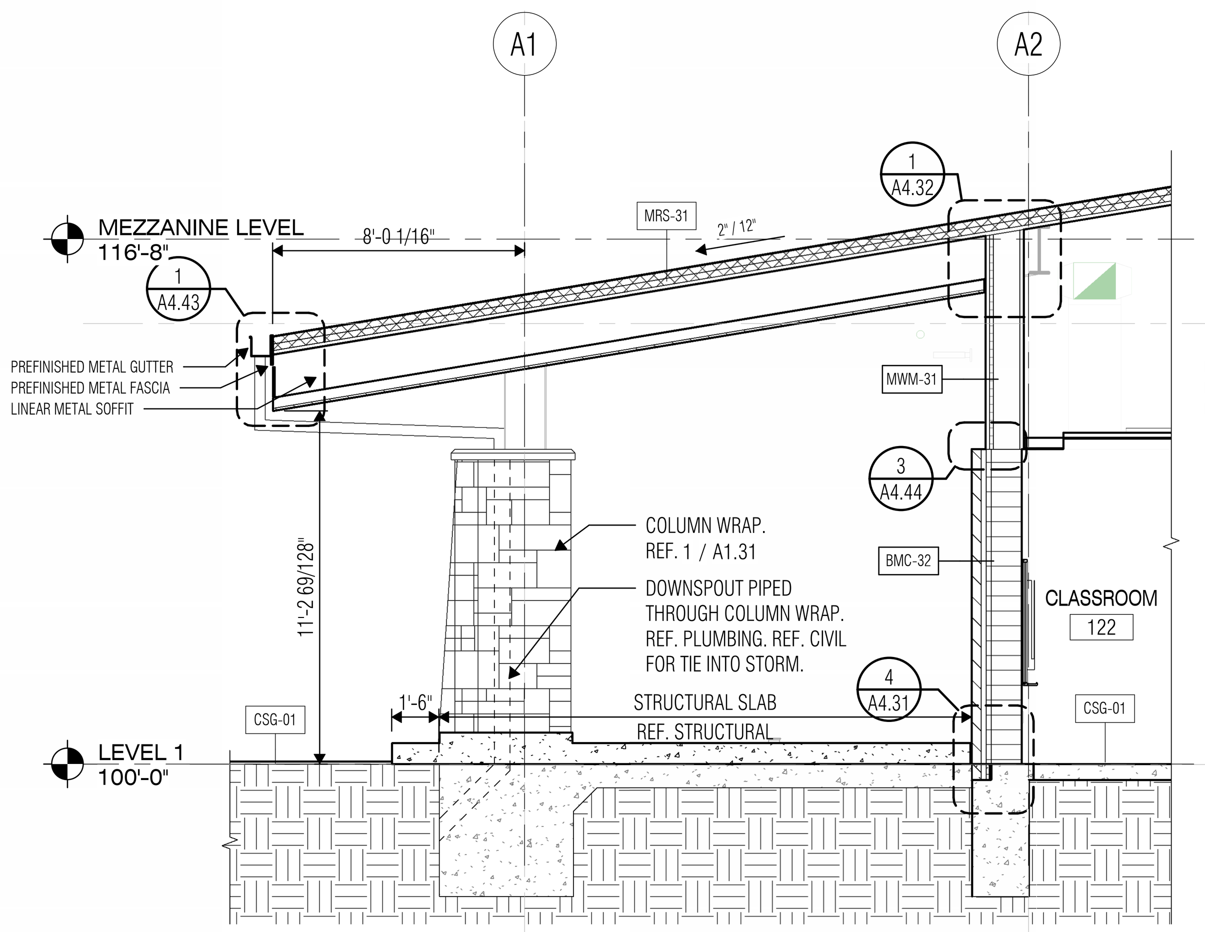
SHEET TITLE
WALL SECTIONS

SHEET NO.
A4.11

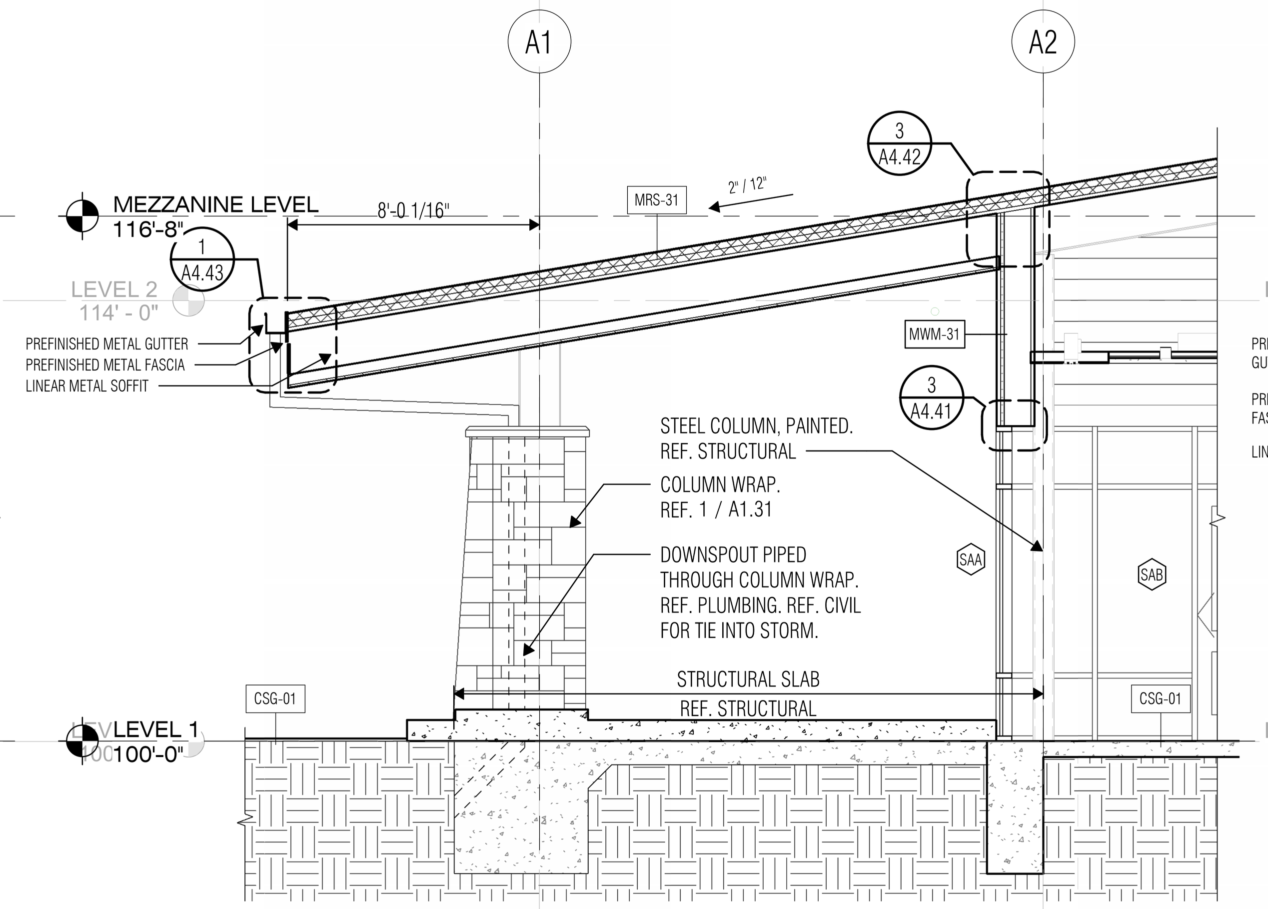
BUILDING ENVELOPE ASSEMBLY LEGEND - CLIMATE ZONE 3

KEY: CLADDING / BACKUP / CLIMATE ZONE / MARK — BMS-31

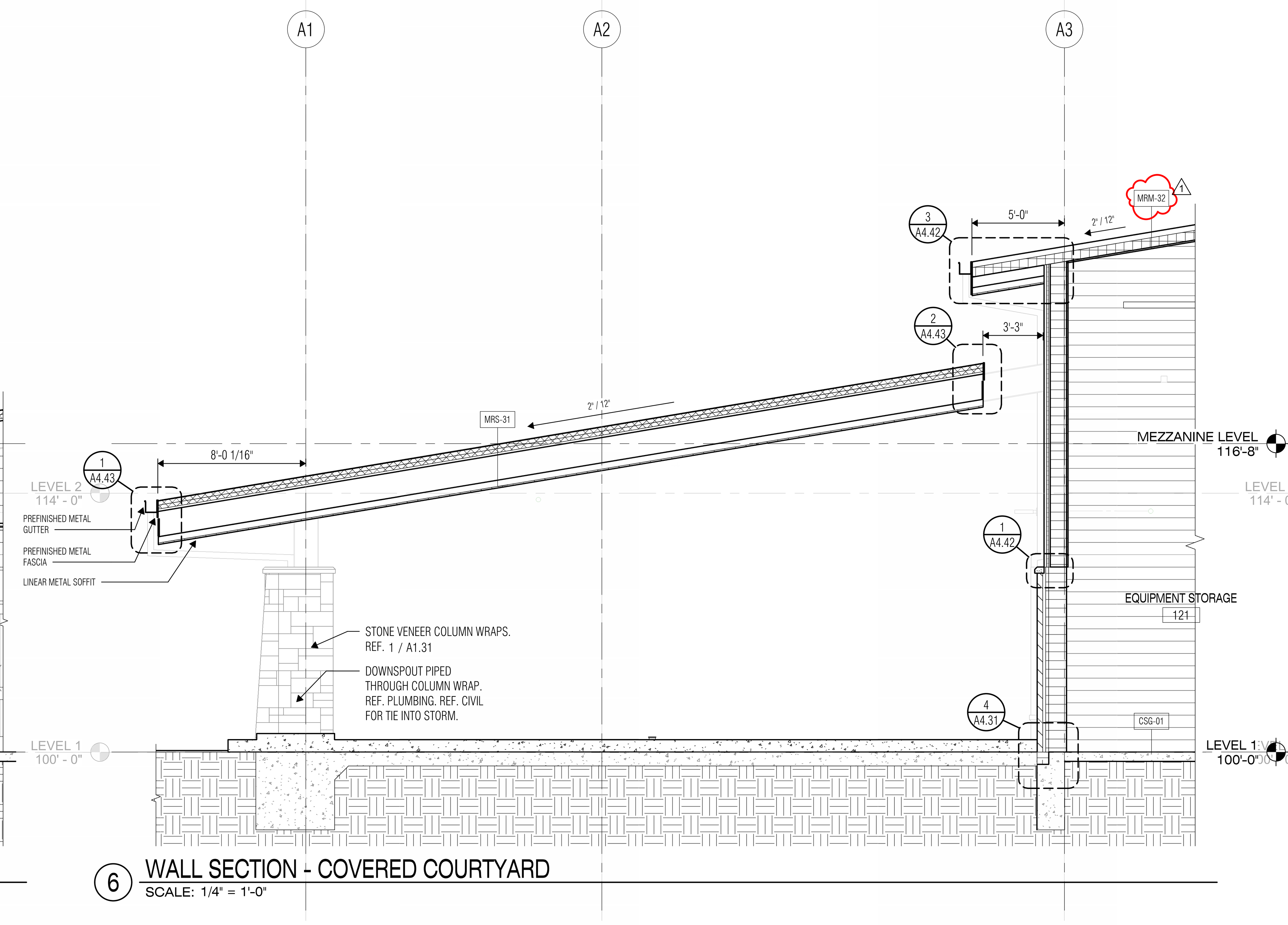
NOTES:
1. REFERENCE SHEET A4.10 FOR BUILDING ENVELOPE ASSEMBLY TYPES
2. CLIMATE ZONE DESIGNATION REFERS TO BUILDING LOCATION PER ENERGY CODE. 0 = NO CLIMATE ZONE CRITERIA AT THAT ASSEMBLY.



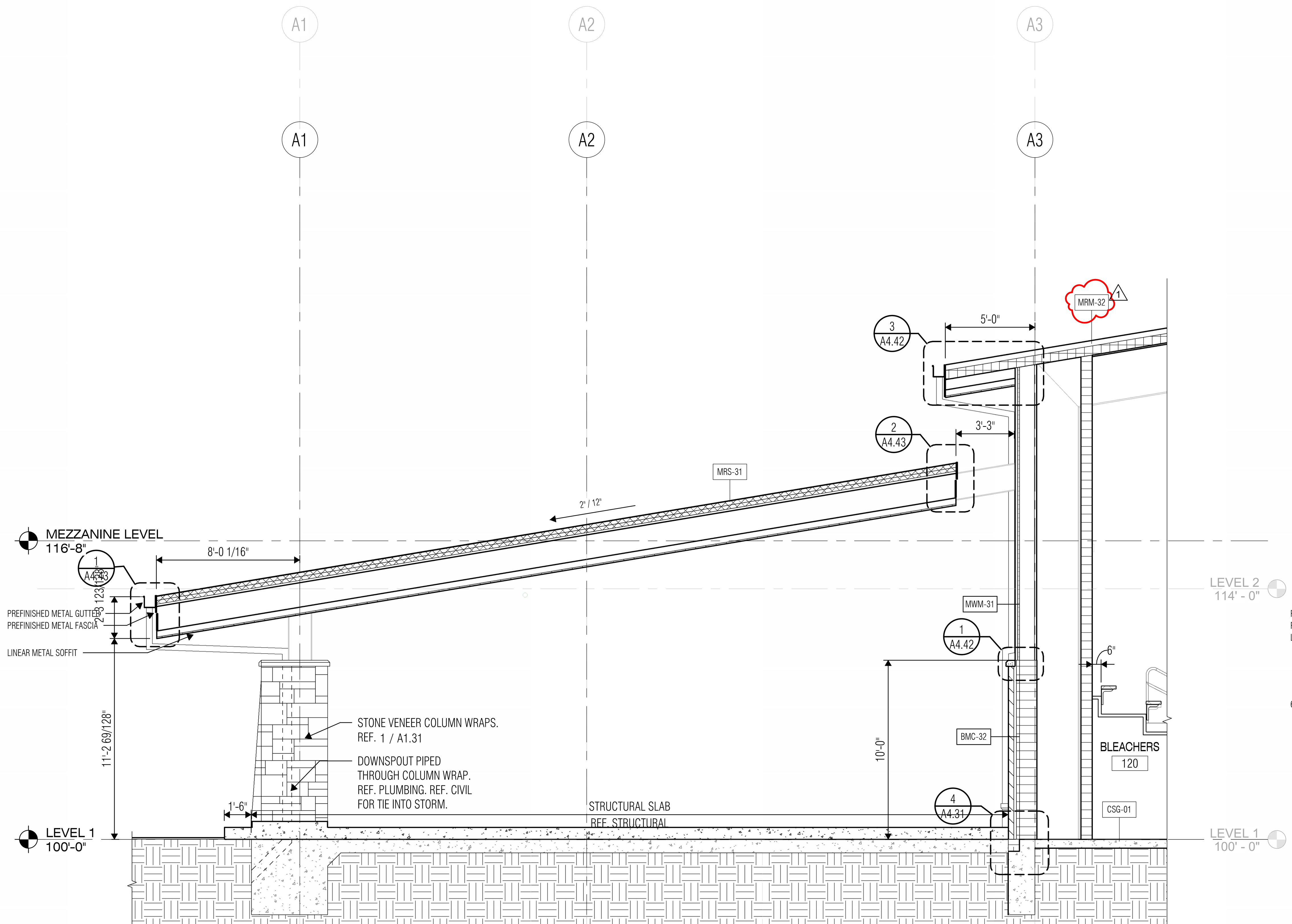
1 WALL SECTION - COVERED COURTYARD
SCALE: 1/4" = 1'-0"



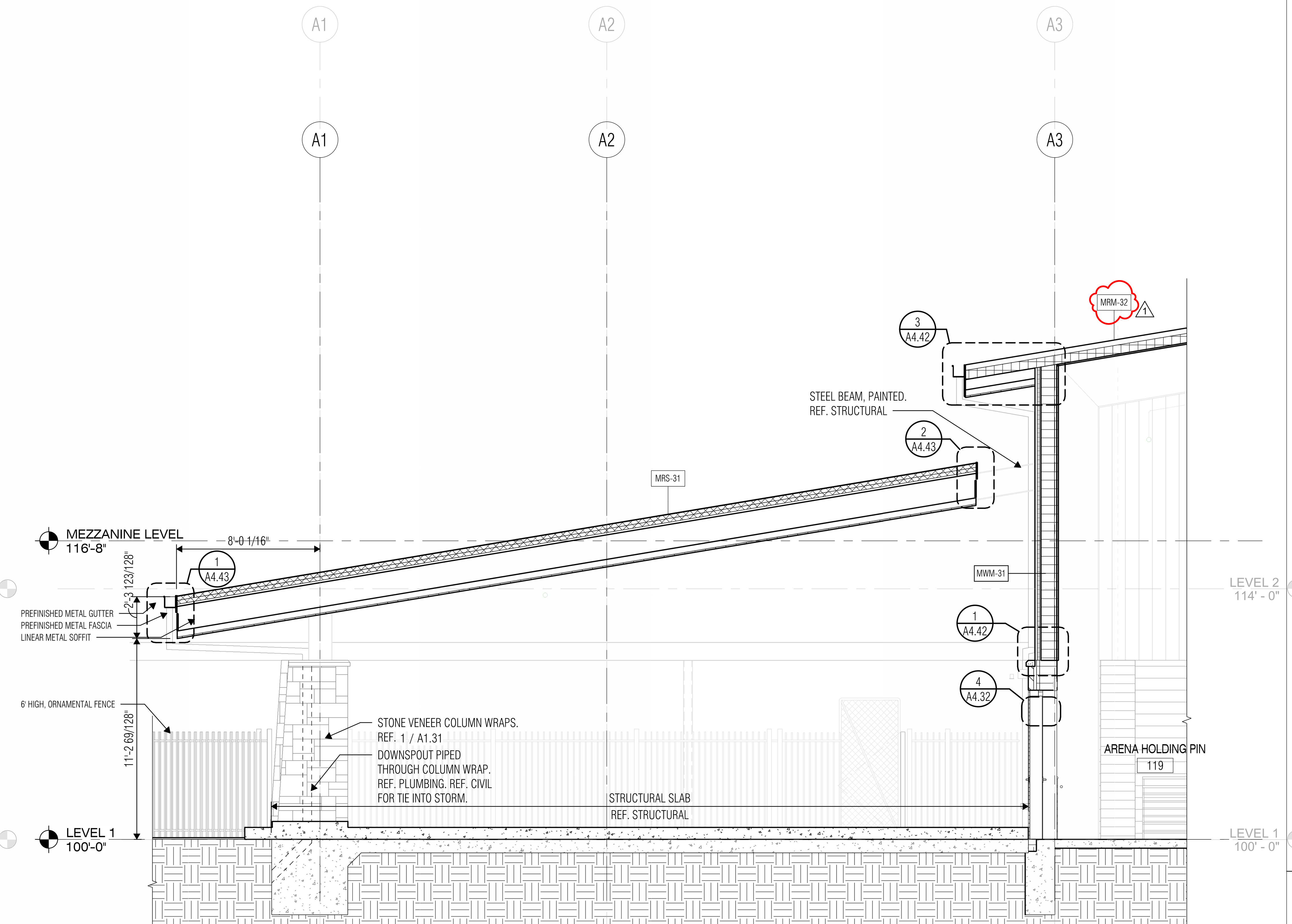
2 WALL SECTION - COVERED COURTYARD GLAZING
SCALE: 1/4" = 1'-0"



6 WALL SECTION - COVERED COURTYARD
SCALE: 1/4" = 1'-0"



3 WALL SECTION - COVERED COURTYARD
SCALE: 1/4" = 1'-0"



4 WALL SECTION - COVERED COURTYARD
SCALE: 1/4" = 1'-0"

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REGISTERED ARCHITECT — STATE OF TEXAS — 06/10/2025

ISSUED: MAY 28, 2025

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Drawn By: VLK
Designer: ET
Quality Control
Proj. Arch.: KT

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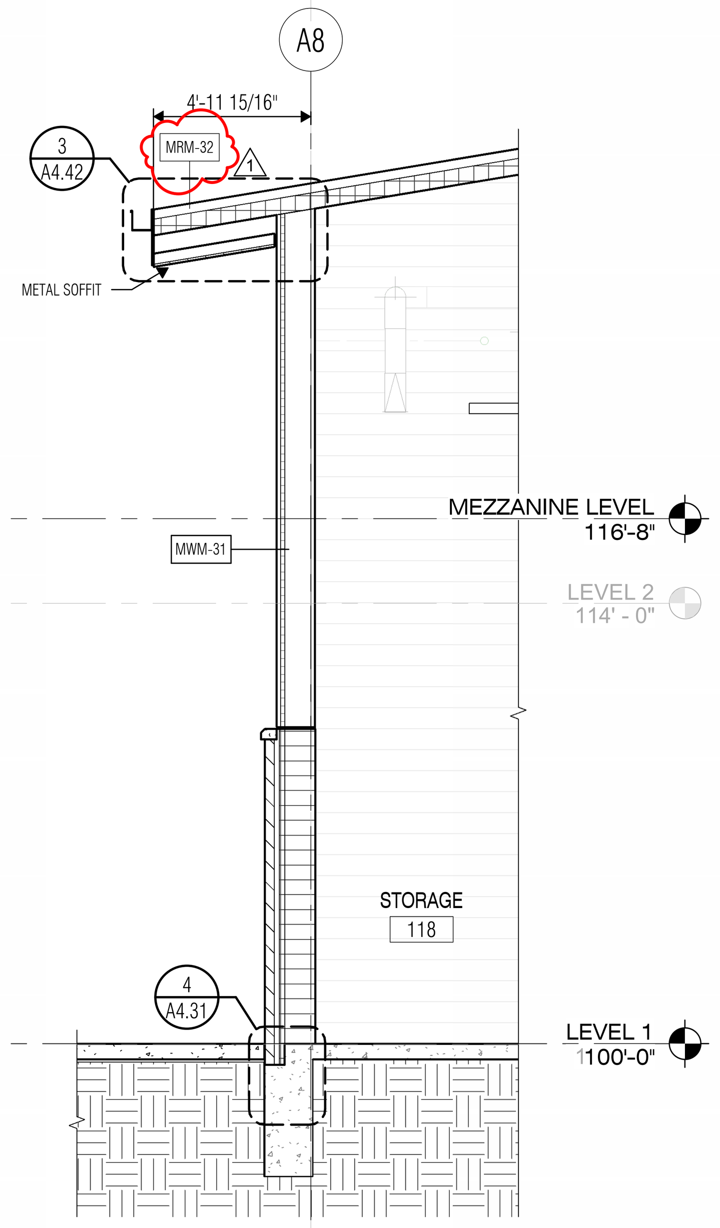
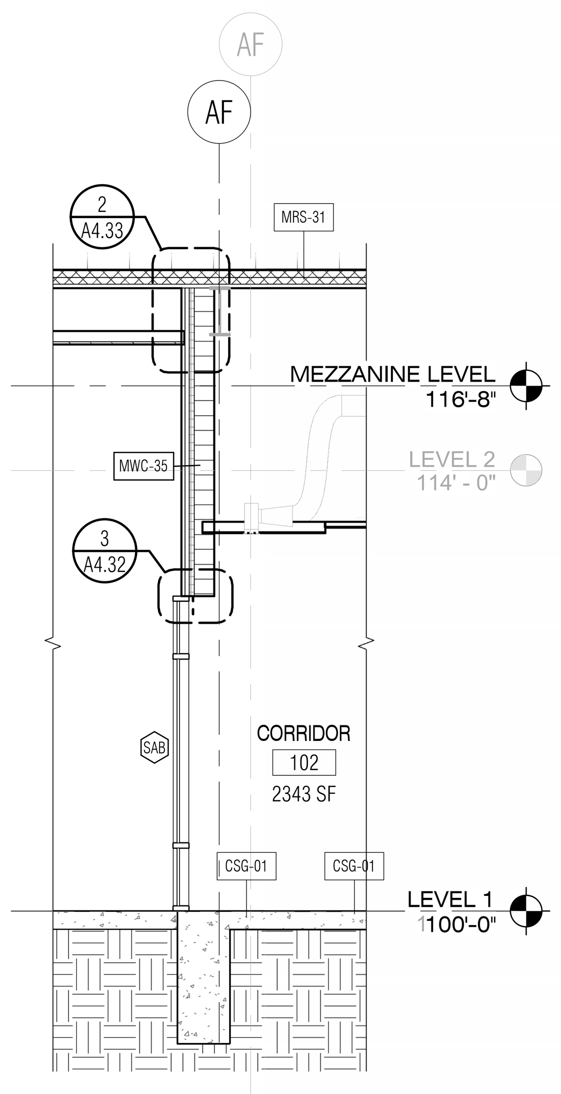
SHEET TITLE
WALL SECTIONS

SHEET NO.
A4.12

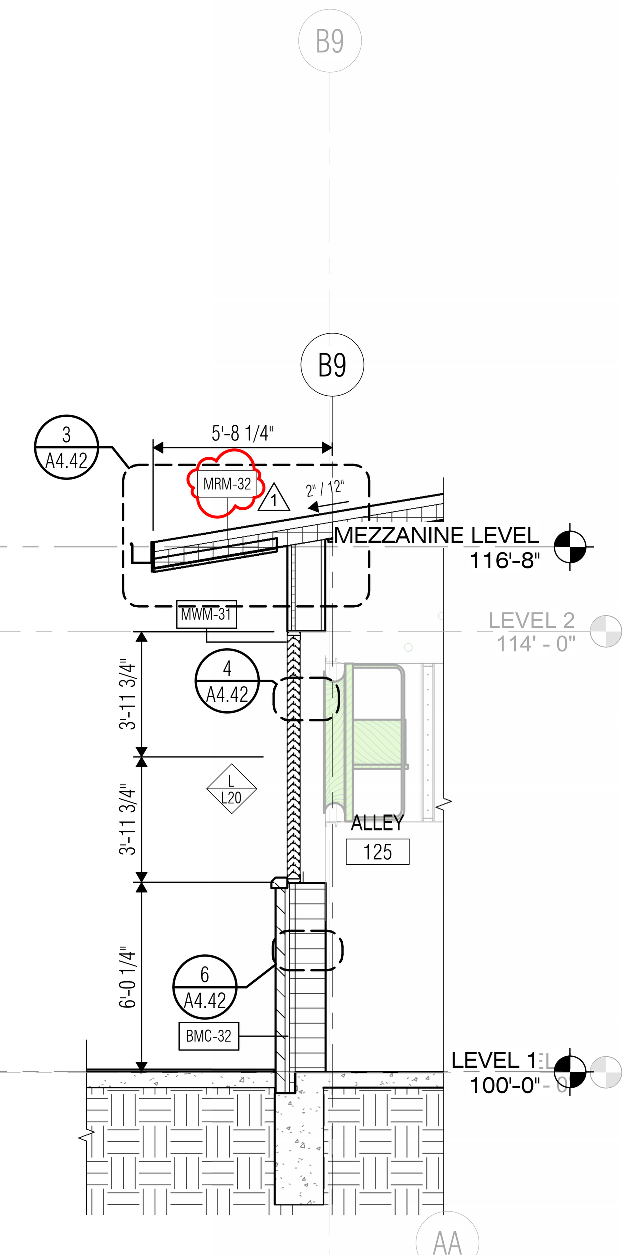
BUILDING ENVELOPE ASSEMBLY LEGEND - CLIMATE ZONE 3	
KEY: CLADDING, BACKUP, CLIMATE ZONE, MARK — BMS-31	NOTES: 1. REFERENCE SHEET A4.10 FOR BUILDING ENVELOPE ASSEMBLY TYPES 2. CLIMATE ZONE DESIGNATION REFERS TO BUILDING LOCATION PER ENERGY CODE. 0 = NO CLIMATE ZONE CRITERIA AT THAT ASSEMBLY.



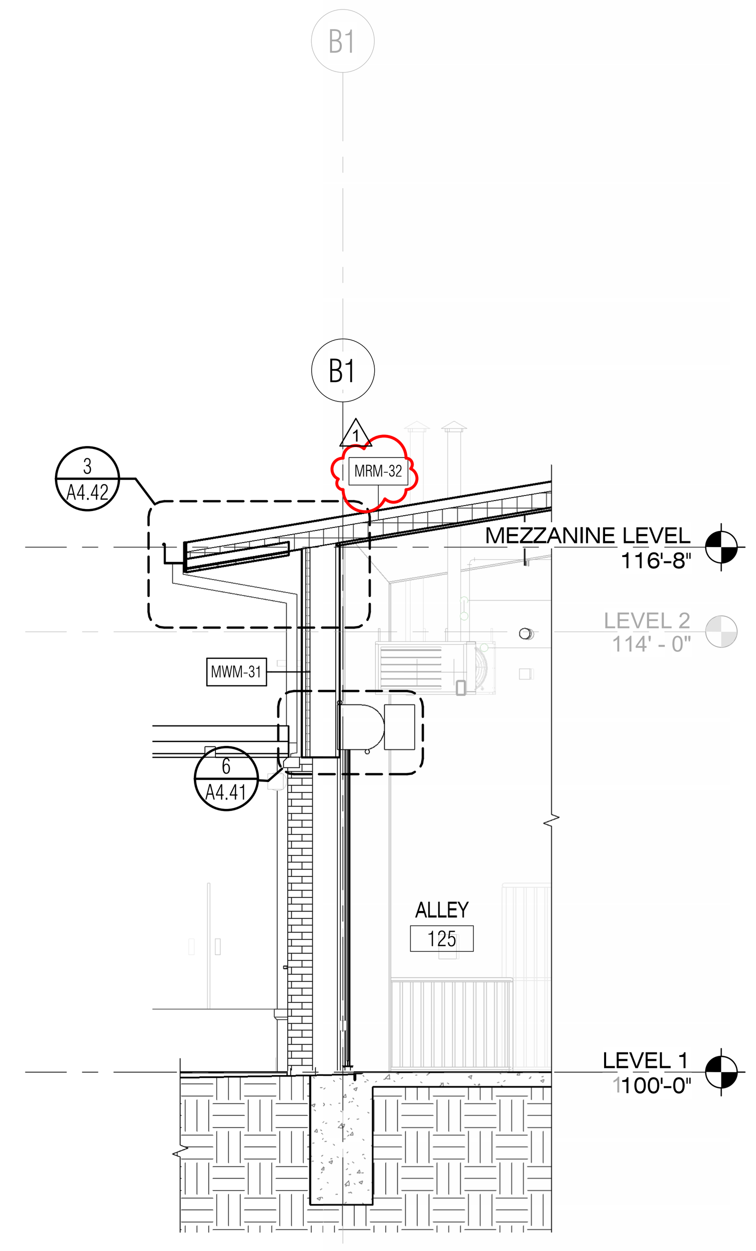
1 WALL SECTION - STORAGE
SCALE: 1/4" = 1'-0"



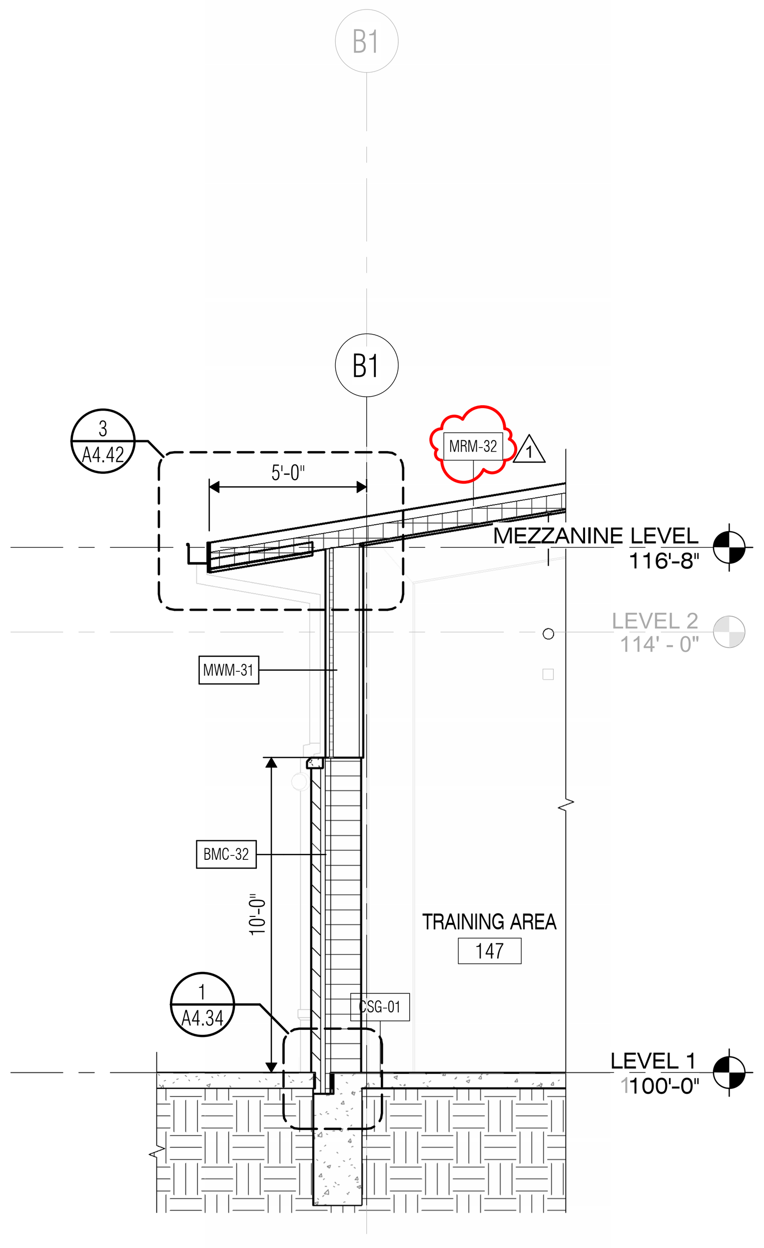
2 WALL SECTION - CORRIDOR
SCALE: 1/4" = 1'-0"



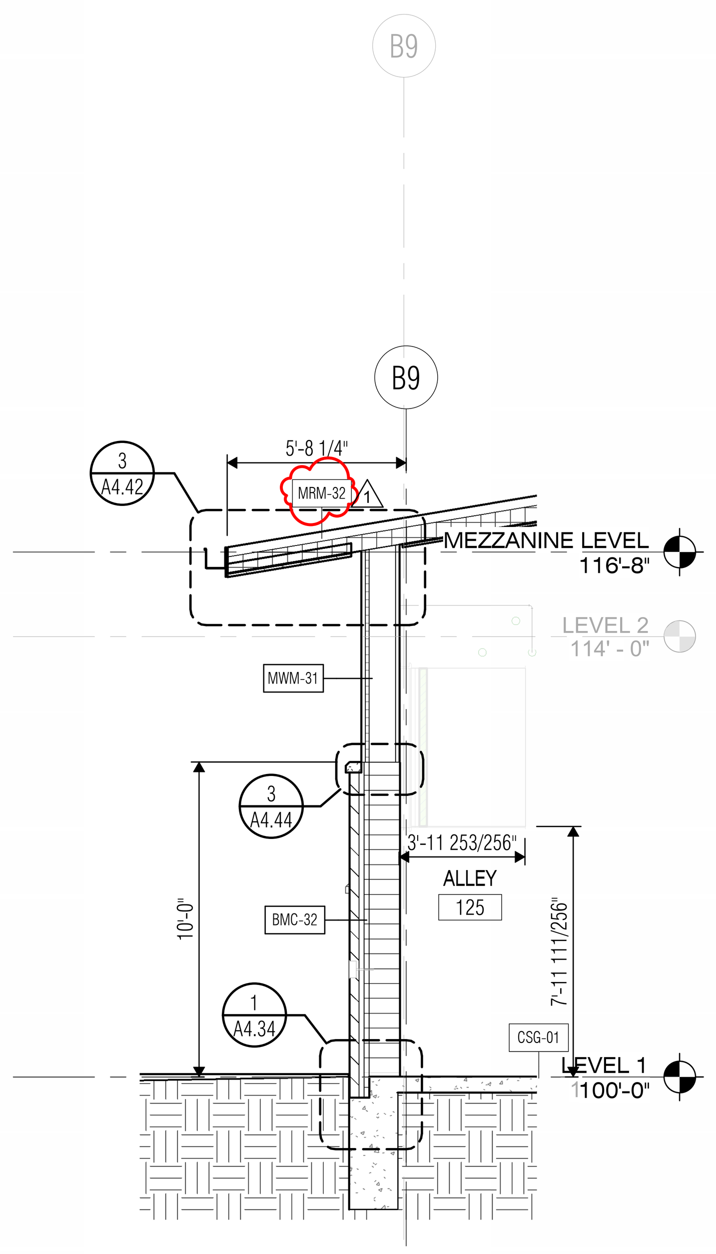
3 WALL SECTION - LOUVERS
SCALE: 1/4" = 1'-0"



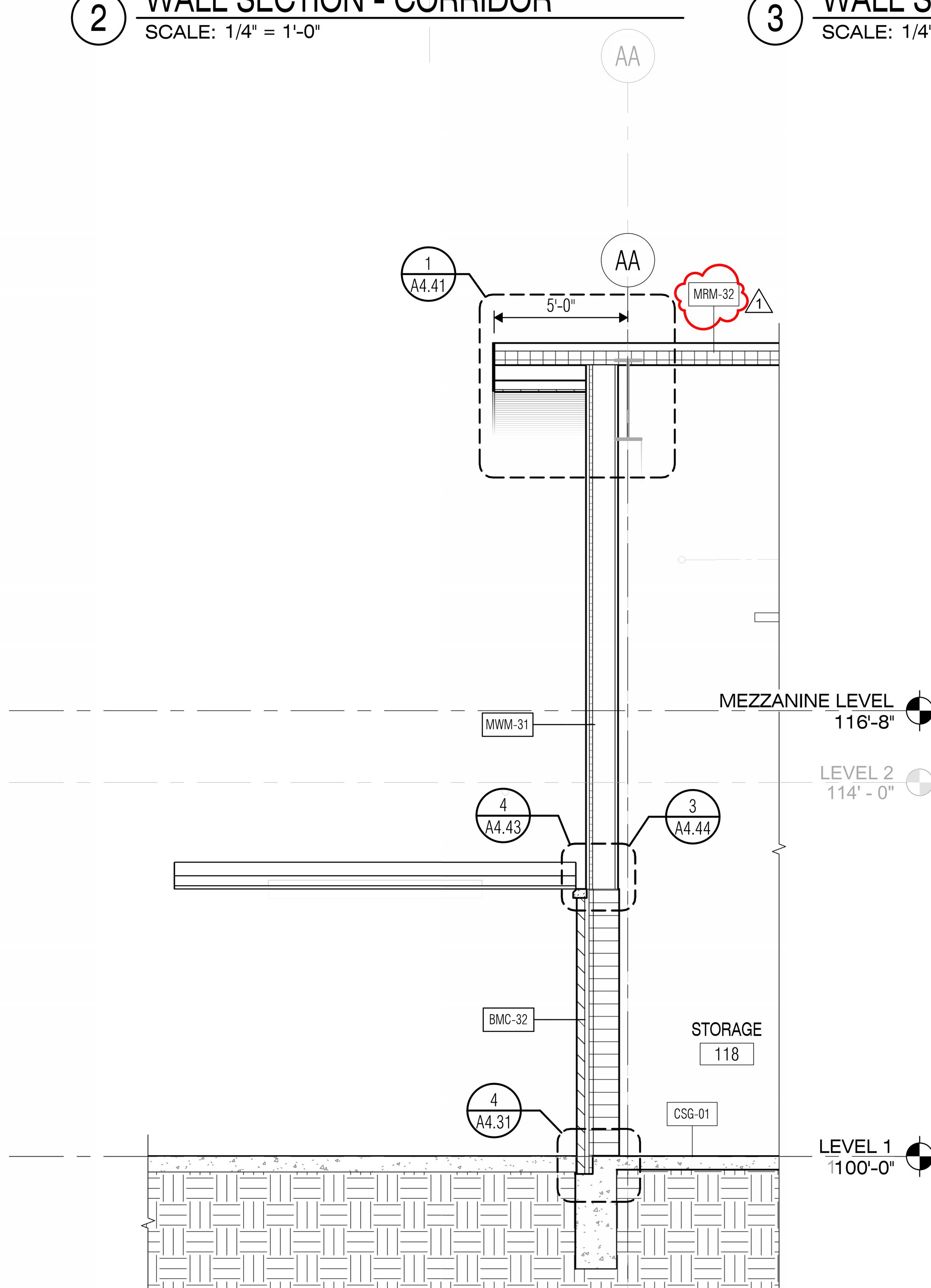
4 WALL SECTION - OHD
SCALE: 1/4" = 1'-0"



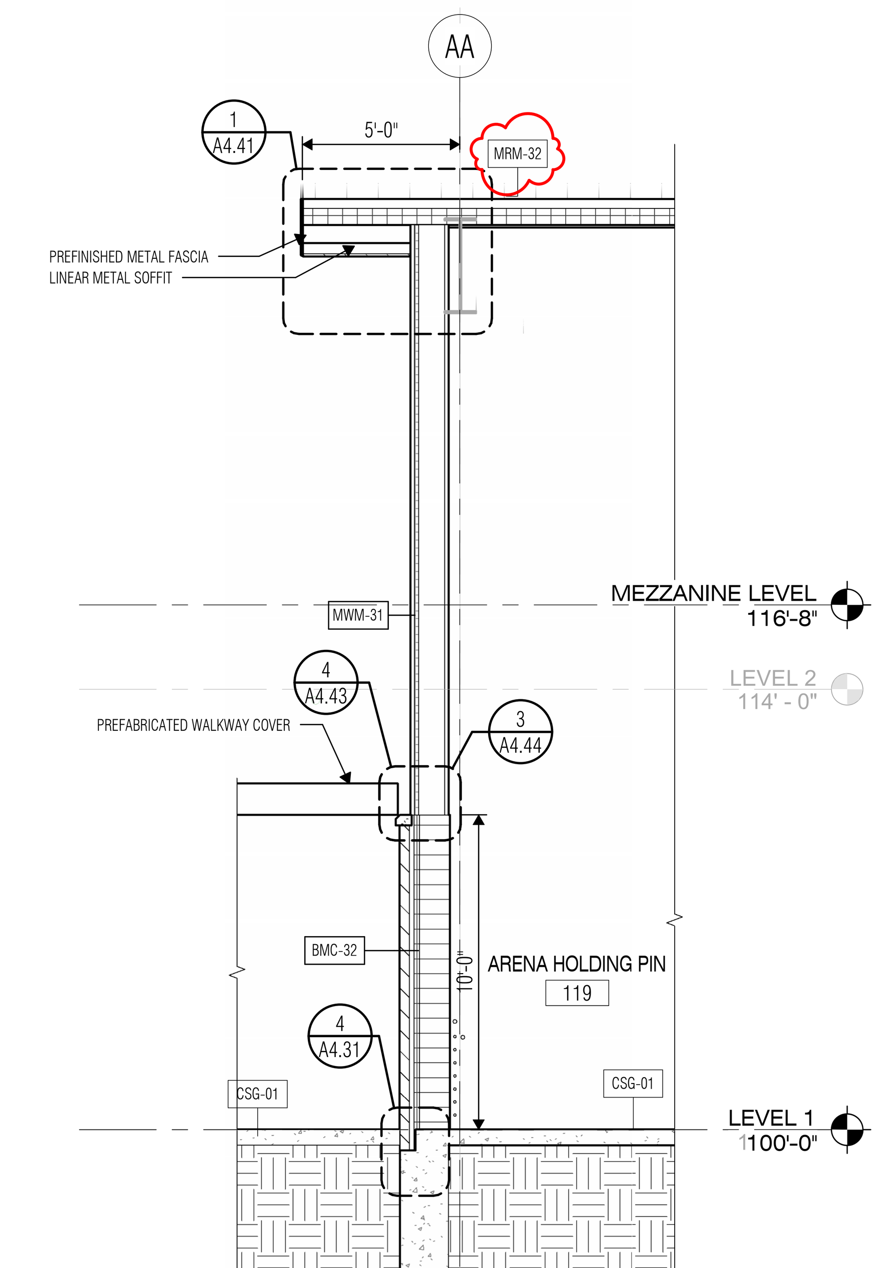
5 WALL SECTION - TRAINING AREA
SCALE: 1/4" = 1'-0"



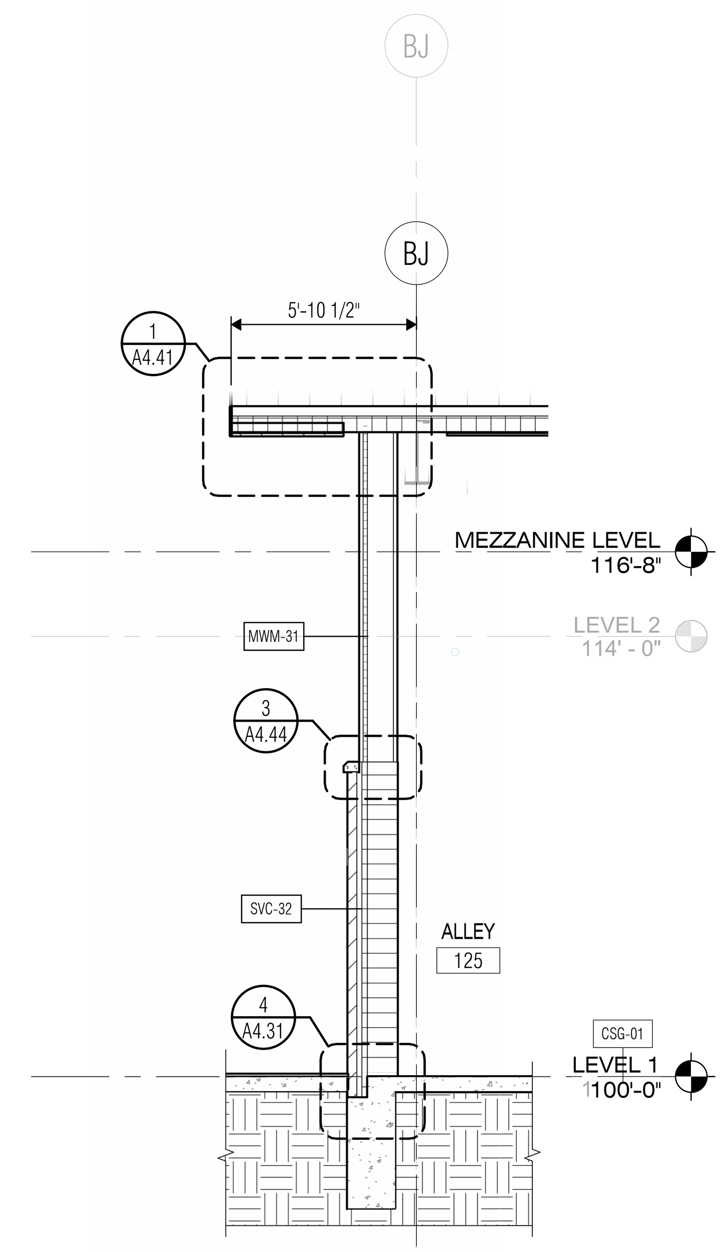
6 WALL SECTION - BARN TYPICAL WALL
SCALE: 1/4" = 1'-0"



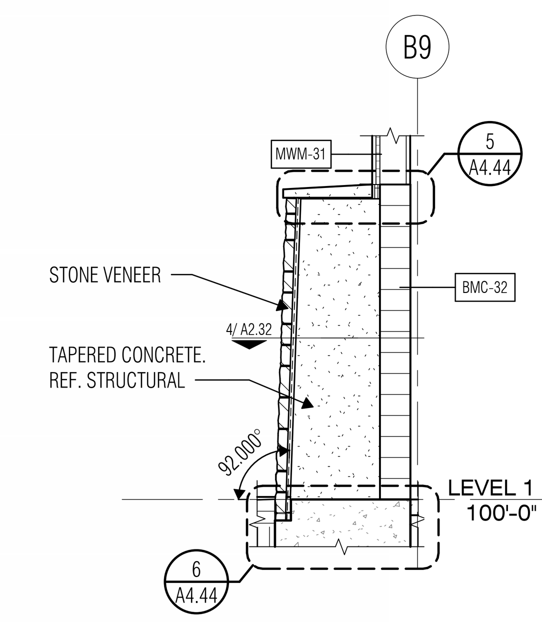
7 WALL SECTION - UNIT A - ARENA SECONDARY ENTRY
SCALE: 1/4" = 1'-0"



10 WALL SECTION - HOLDING PIN
SCALE: 1/4" = 1'-0"



8 WALL SECTION - UNIT B - TYPICAL STONE WALL
SCALE: 1/4" = 1'-0"



9 WALL SECTION - UNIT B PILASTER
SCALE: 1/4" = 1'-0"

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FORT WORTH, TEXAS

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STATE OF TEXAS
06/10/2025

ISSUED: MAY 28, 2025

REVISIONS

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Drawn By: VLK
Designer: ET
Quality Control: QC
Proj. Arch.: KT

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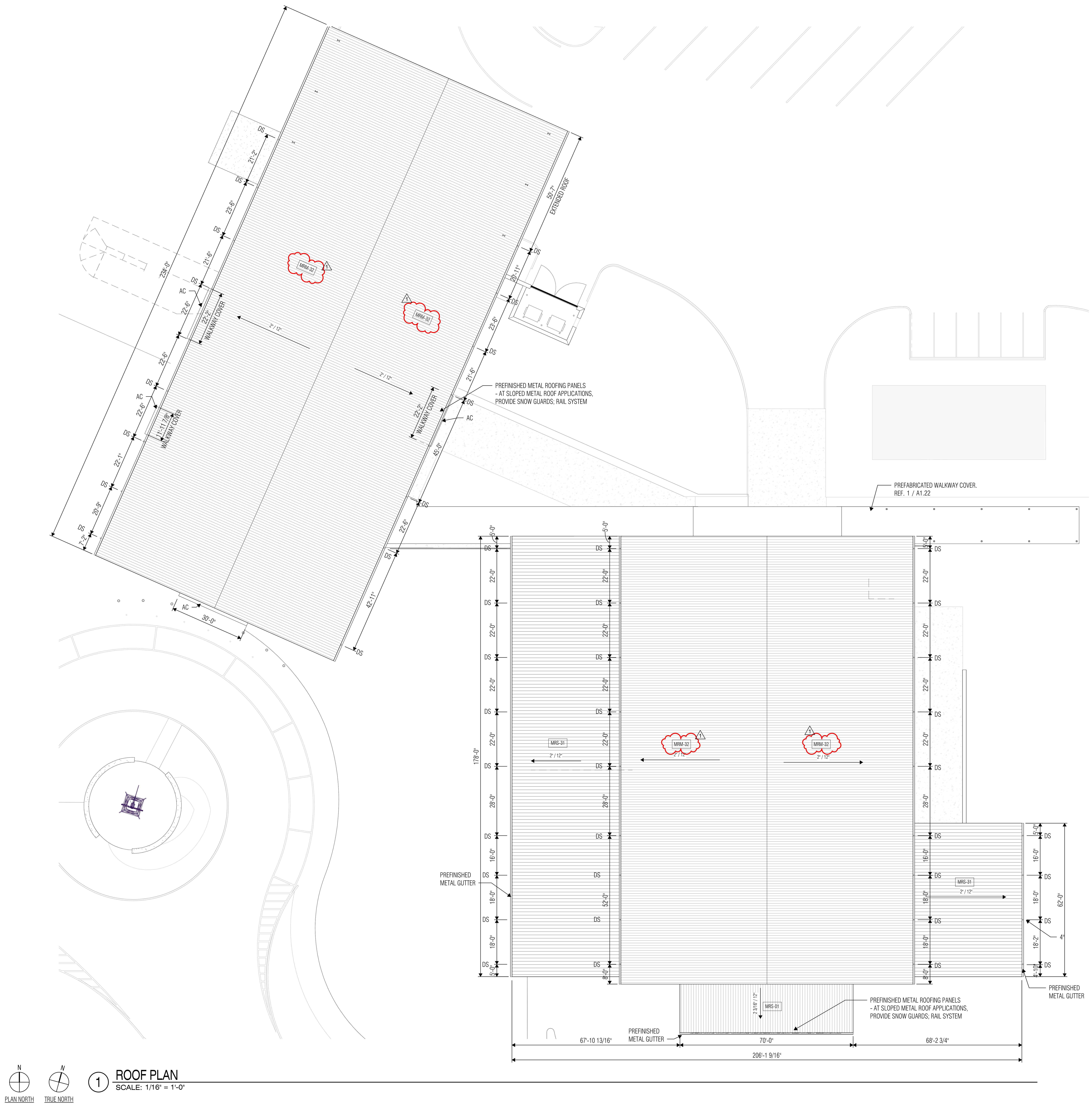
SHEET TITLE
WALL SECTIONS

SHEET NO.
A4.13



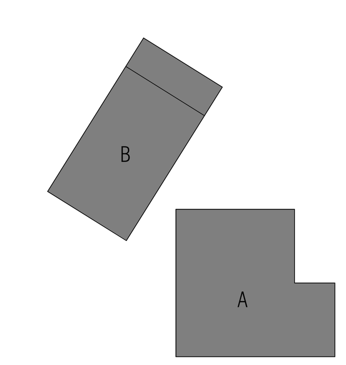
1 ROOF PLAN
SCALE: 1/16" = 1'-0"

ROOF PLAN NOTES

1. Provide tapered insulation crickets at the high side of all rooftop curbs, mounting rails, and other miscellaneous roof penetrations as required to shed water around them and to ensure positive roof drainage, whether indicated on the drawings or not.
2. Crickets shall slope 1/2" per foot, unless noted otherwise.
3. Locate overflow scuppers per Building Elevations. If conflicts occur, contact Architect prior to construction.
4. Provide roof walkway protection at base of all roof ladders, around all sides of roof hatches, on all sides of rooftop units and condensing units, and on paths leading from roof access points to rooftop units and condensing units, whether indicated on drawings or not.
5. Provide layer of roof walkway protection under all pipe and conduit supports, fully-adhered to roof membrane.
6. Provide metal end closure at the ends of expansion joints, flashings and counterflashings.
7. Paint all exposed galvanized metal flashings, miscellaneous steel, piping, conduits, etc. that are not prefinished.

ROOF PLAN LEGEND

MRP	PREFINISHED METAL ROOF PANELS
T.O.M.	TOP OF MASONRY ELEVATION
T.O.D.	TOP OF DECK ELEVATION
T.O.S.	TOP OF STEEL ELEVATION
DS	DOWNSPOUT, REF. 5/A5.31
RV	RELIEF VENT, REF. M.E.P.
EF	EXHAUST FAN, REF. M.E.P.
AC	ALUMINUM WALKWAY COVER. REF.



KEY PLAN

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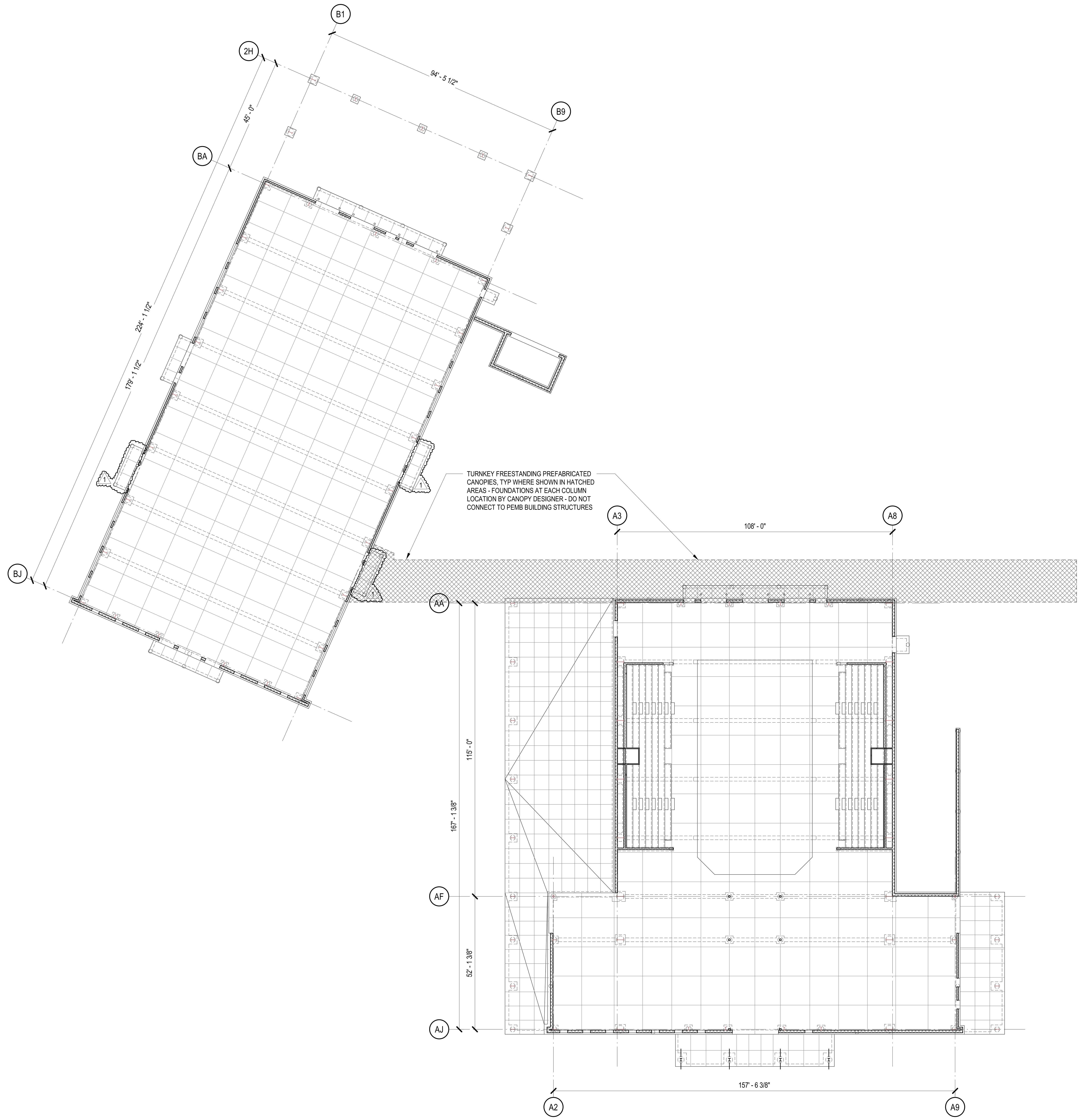
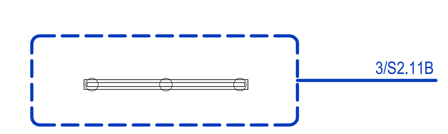
Designer ET	Quality Control
Proj. Arch. KT	

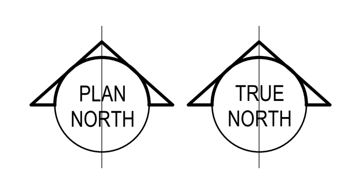
PROJECT NO.
24-057.00

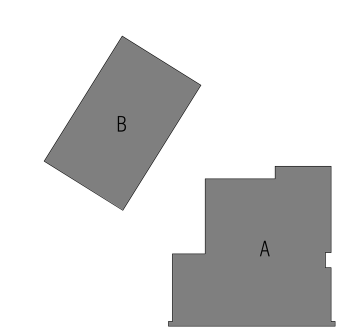
SHEET TITLE
OVERALL ROOF PLAN

SHEET NO.
A5.11









KEY PLAN

1 FOUNDATION AND GROUND FLOOR PLAN - OVERALL

1" = 20'-0"

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FORT WORTH, TEXAS

Issued For Permit

STATE OF TEXAS
LANCE W. MUNGER
98237
REGISTERED
PROFESSIONAL ENGINEER
6-10-2025

ISSUED: May 28, 2025

REVISIONS

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Director LVB	Drawn By LAFP
Designer ET	Quality Control LAFP
Proj. Arch. KDT	

PROJECT NO.

24-057.00

SHEET TITLE

FOUNDATION AND GROUND FLOOR PLAN - OVERALL

SHEET NO.

S2.11

EMS ISD AGRICULTURAL SCIENCE

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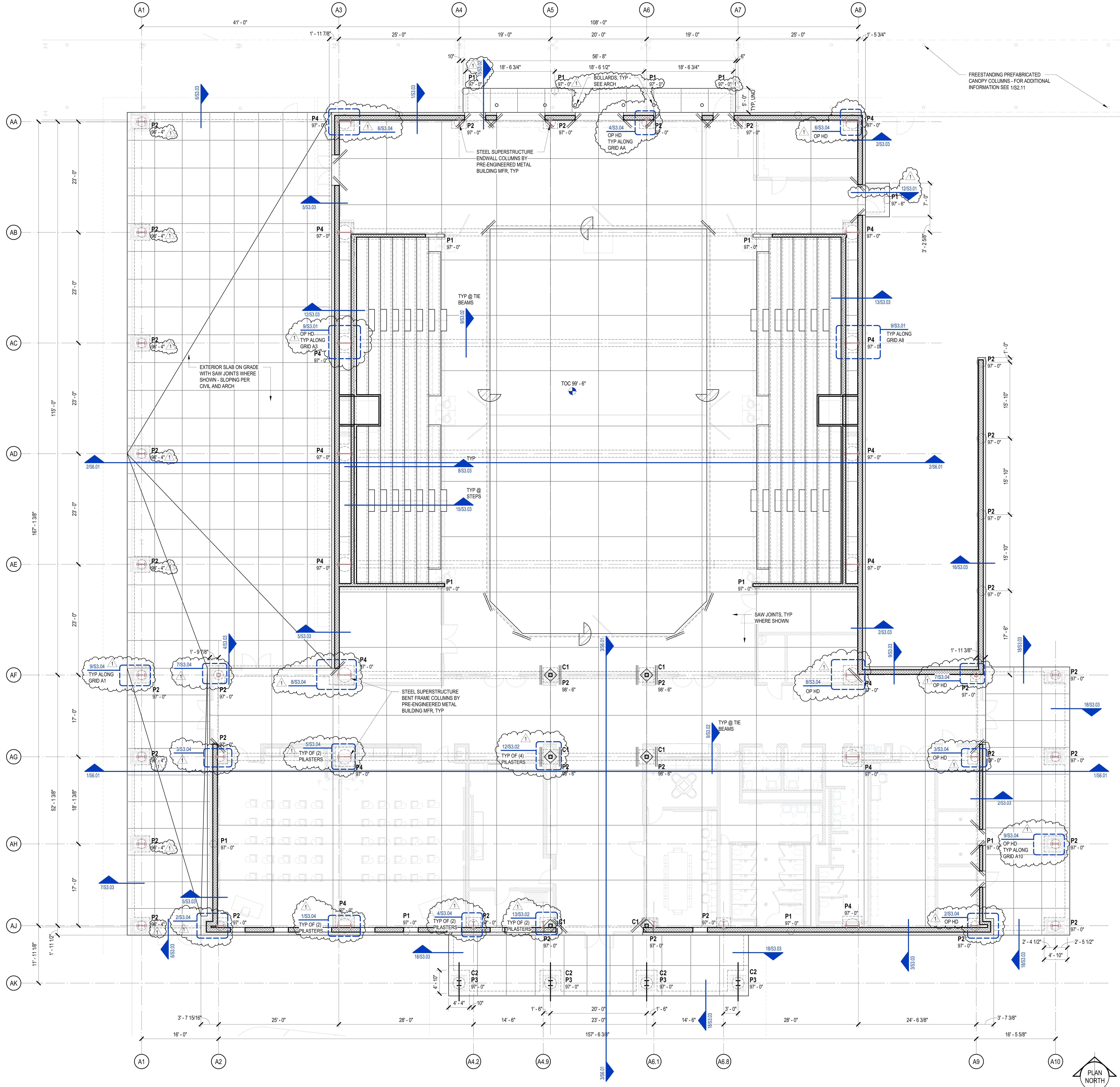
Structural Engineers
3333 Lee Parkway, Suite 300 • Dallas, TX 75219
LAFP PROJ. NO. 24149 FIRM REG. NO. F-537



1 FOUNDATION AND GROUND FLOOR PLAN - UNIT A

1/8" = 1'-0"

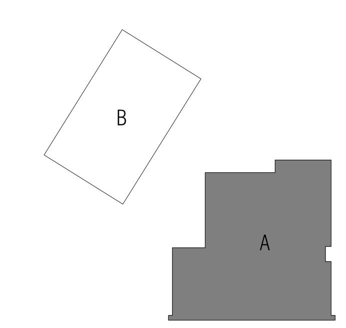
FOUNDATION AND GROUND FLOOR PLAN NOTES

1. FINISH FLOOR ELEVATION IS 100'-0" (RELATIVE TO DATUM 100'-0").
2. TOP OF PIER ELEVATIONS ARE RELATIVE TO DATUM 100'-0".
3. 5" THICK SLAB-ON-GRADE WITH SAW JOINTS WHERE SHOWN ON PLAN. REFER TO GENERAL NOTES FOR REINFORCING AND ADDITIONAL SLAB INFORMATION.
4. MAINTAIN CONSTANT SLAB THICKNESS WHERE SLOPES TO DRAIN EXIST. SEE MEP FOR LOCATION OF FLOOR DRAINS.
5. SUBMIT FINAL, SEALED, PRE-ENGINEERED METAL BUILDING DRAWINGS AND CALCULATIONS (INCLUDING FOUNDATION REACTIONS) TO AOR AND EOR PRIOR TO CONSTRUCTION FOR VERIFICATION OF FOUNDATION DESIGN.
6. SHEET INDEX:

GENERAL NOTES	S1.01+
TYPICAL DETAILS	S3.01+, S4.01, S5.01
PIER SCHEDULE	S3.01
STEEL COLUMN SCHEDULE	S5.01

PLAN NORTH

TRUE NORTH



KEY PLAN

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LAFP PROJ. NO. 24149 FIRM REG. NO. F-537

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REVISIONS

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1	Addendum No. 1	06-10-2025

Director LVB	Drawn By LAFP
Designer ET	Quality Control LAFP
Proj. Arch. KDT	

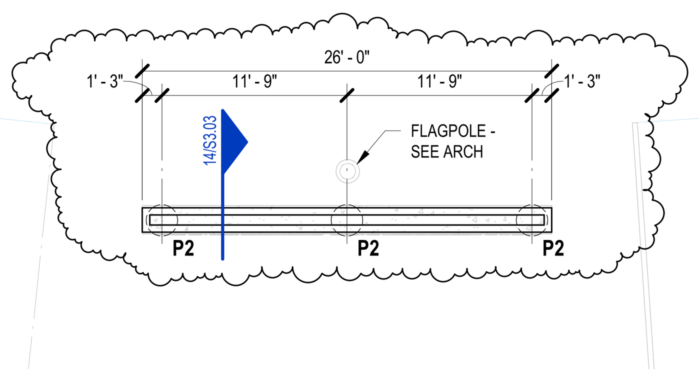
PROJECT NO.
24-057.00

SHEET TITLE
FOUNDATION AND GROUND FLOOR PLAN - UNIT A

SHEET NO.
S2.11A

MONUMENT SIGN FOUNDATION PLAN NOTES

1. SEE CIVIL AND ARCHITECTURAL DRAWINGS FOR LOCATION OF MONUMENT SIGN ON PLAN.
2. COORDINATE TOP OF PIER ELEVATIONS WITH CIVIL GRADING PLANS AND SECTION 14/S3.03.



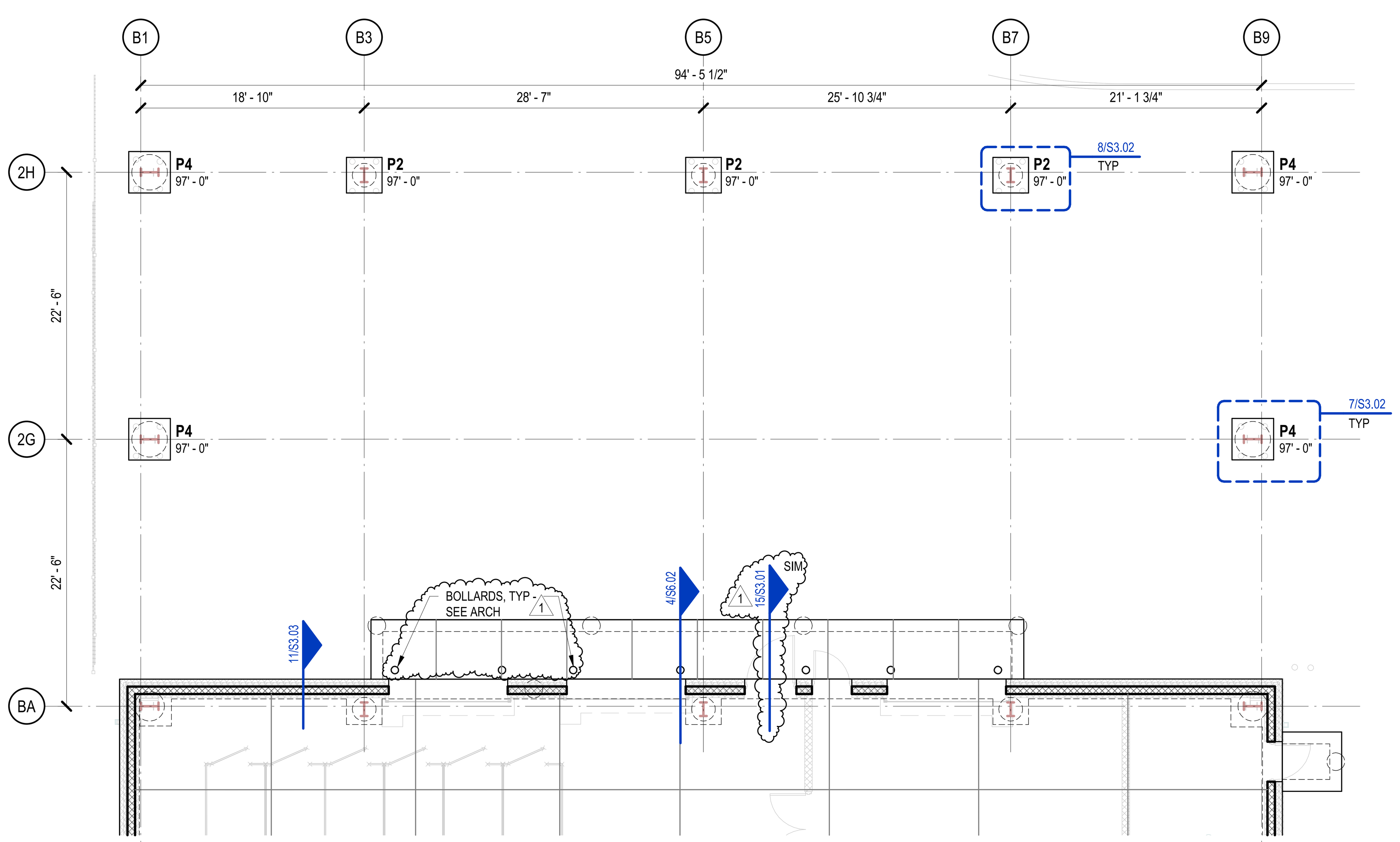
3 FOUNDATION PLAN - MONUMENT SIGN

1/8" = 1'-0"

FOUNDATION AND GROUND FLOOR PLAN NOTES

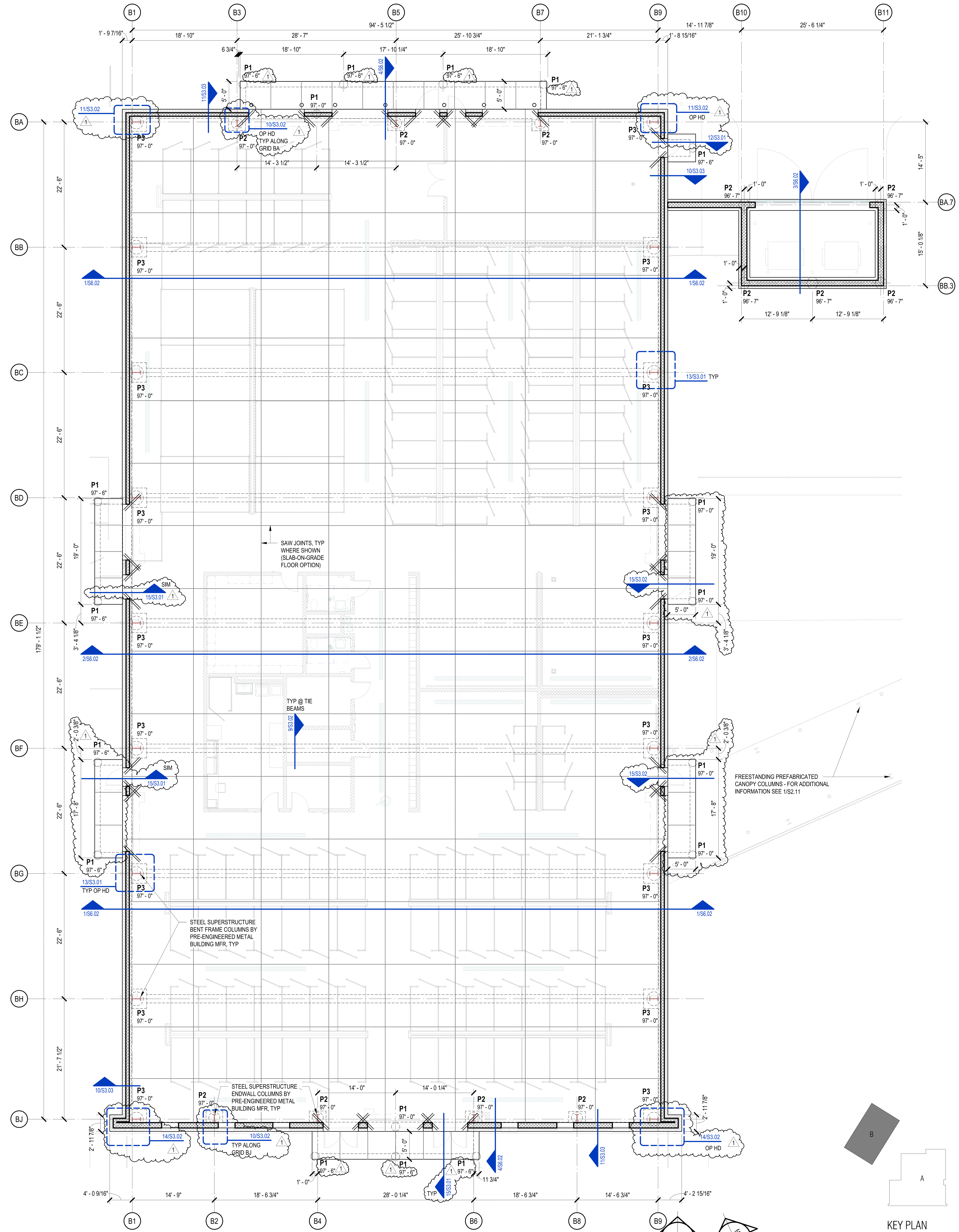
1. FINISH FLOOR ELEVATION IS 100'-0" (RELATIVE TO DATUM 100'-0").
2. TOP OF PIER ELEVATIONS ARE RELATIVE TO DATUM 100'-0".
3. 5" THICK SLAB-ON-GRADE WITH SAW JOINTS WHERE SHOWN ON PLAN. REFER TO GENERAL NOTES FOR REINFORCING AND ADDITIONAL SLAB INFORMATION.
4. MAINTAIN CONSTANT SLAB THICKNESS WHERE SLOPES TO DRAIN EXIST. SEE MEP FOR LOCATION OF FLOOR DRAINS.
5. SUBMIT FINAL, SEALED, PRE-ENGINEERED METAL BUILDING DRAWINGS AND CALCULATIONS (INCLUDING FOUNDATION REACTIONS) TO AOR AND EOR PRIOR TO CONSTRUCTION FOR VERIFICATION OF FOUNDATION DESIGN.
6. SHEET INDEX:

GENERAL NOTES	S1.01+
TYPICAL DETAILS	S3.01+, S4.01, S5.01
PIER SCHEDULE	S3.01
STEEL COLUMN SCHEDULE	S5.01



2 FOUNDATION AND GROUND FLOOR PLAN - UNIT B

1/8" = 1'-0"



1 FOUNDATION AND GROUND FLOOR PLAN - UNIT B

1/8" = 1'-0"

KEY PLAN

L.A. FUESS PARTNERS, INC.
Structural Engineers
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LAFP PROJ. NO. 24149 FIRM REG. NO. F-537

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FORT WORTH, TEXAS

EMS ISD AGRICULTURAL SCIENCE

Issued For Permit

ISSUED: May 28, 2025

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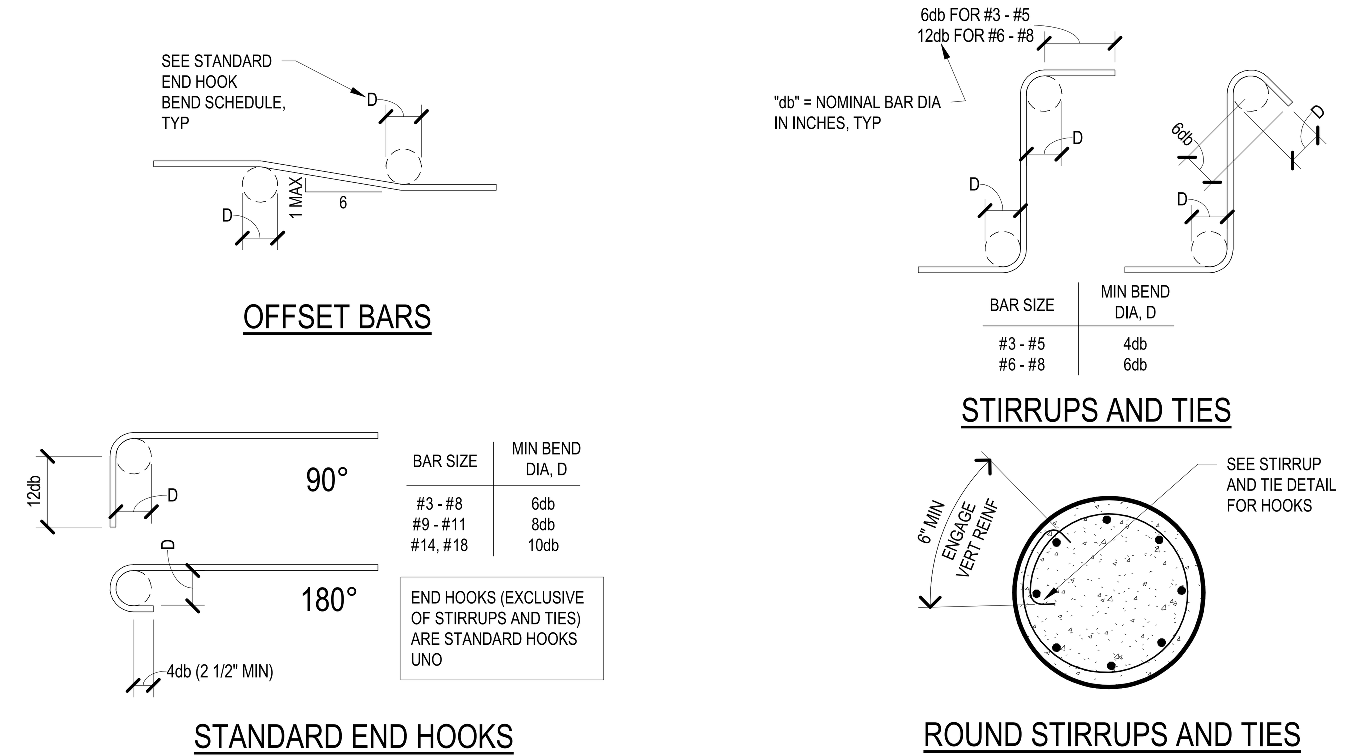
Director: LVB
Drawn By: LAFP
Designer: ET
Quality Control: LAFP
Proj. Arch.: KDT

PROJECT NO.
24-057.00

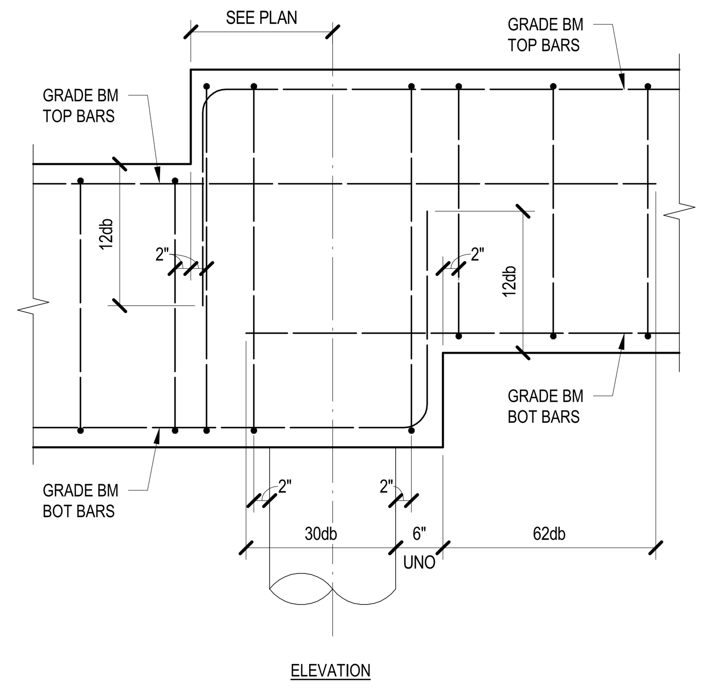
SHEET TITLE
FOUNDATION AND GROUND FLOOR PLAN - UNIT B

SHEET NO.
S2.11B



10 REBAR BENDS AND HOOKS TYPICAL DETAIL

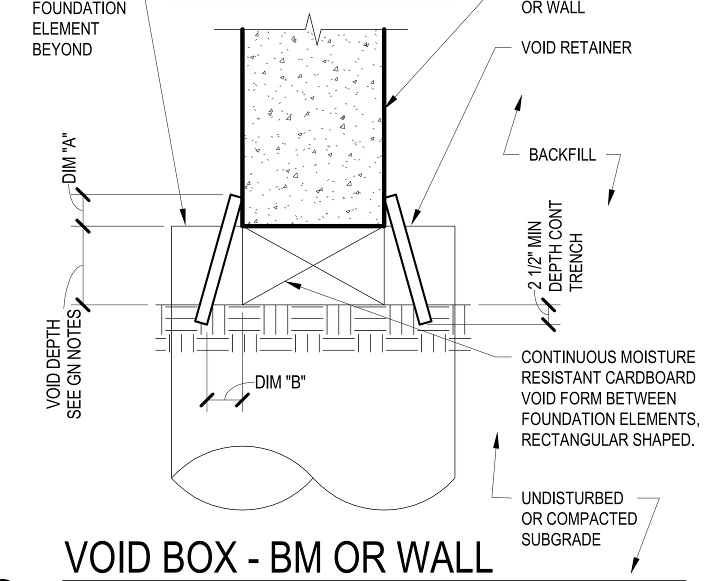
NO SCALE TD03201



7 STEP IN GRADE BEAM TYPICAL DETAIL

NO SCALE TD03144

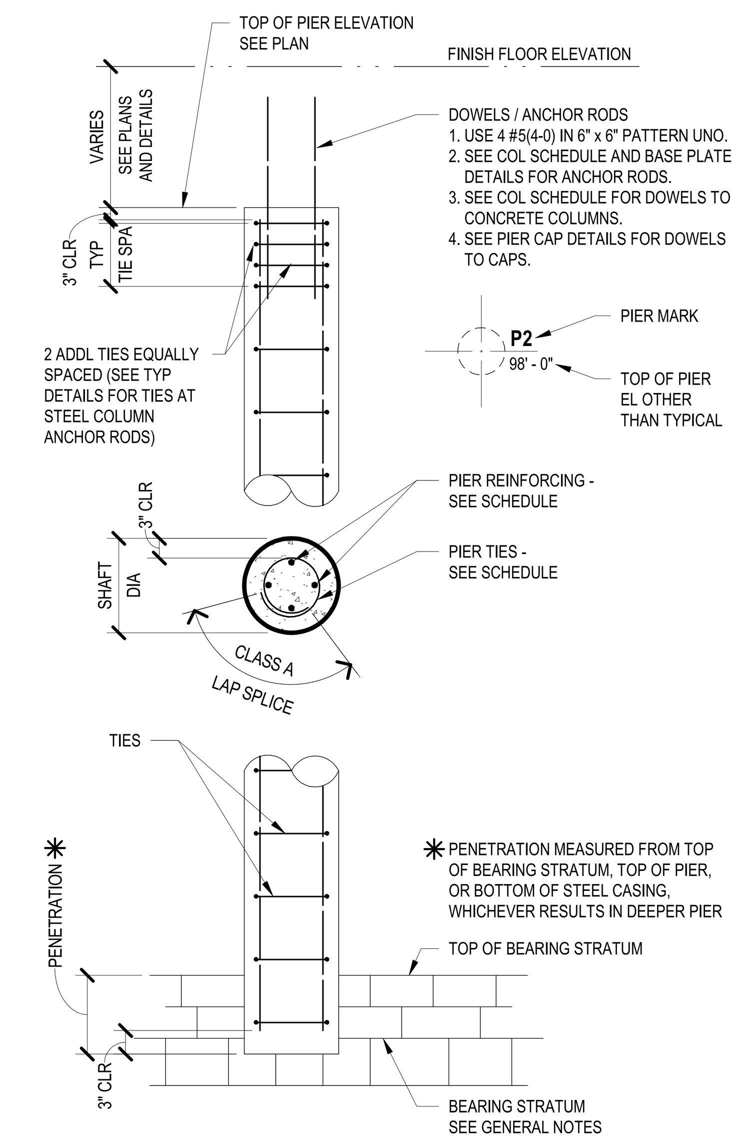
VOID DEPTH	DIM "A"	DIM "B"
6" - 8"	3" MIN	3" MIN 5" MAX
10" - 12"	4" MIN	4" MIN 6" MAX
18"	4" MIN	4" MIN 6" MAX



3 VOID BOX - BM OR WALL TYPICAL DETAIL

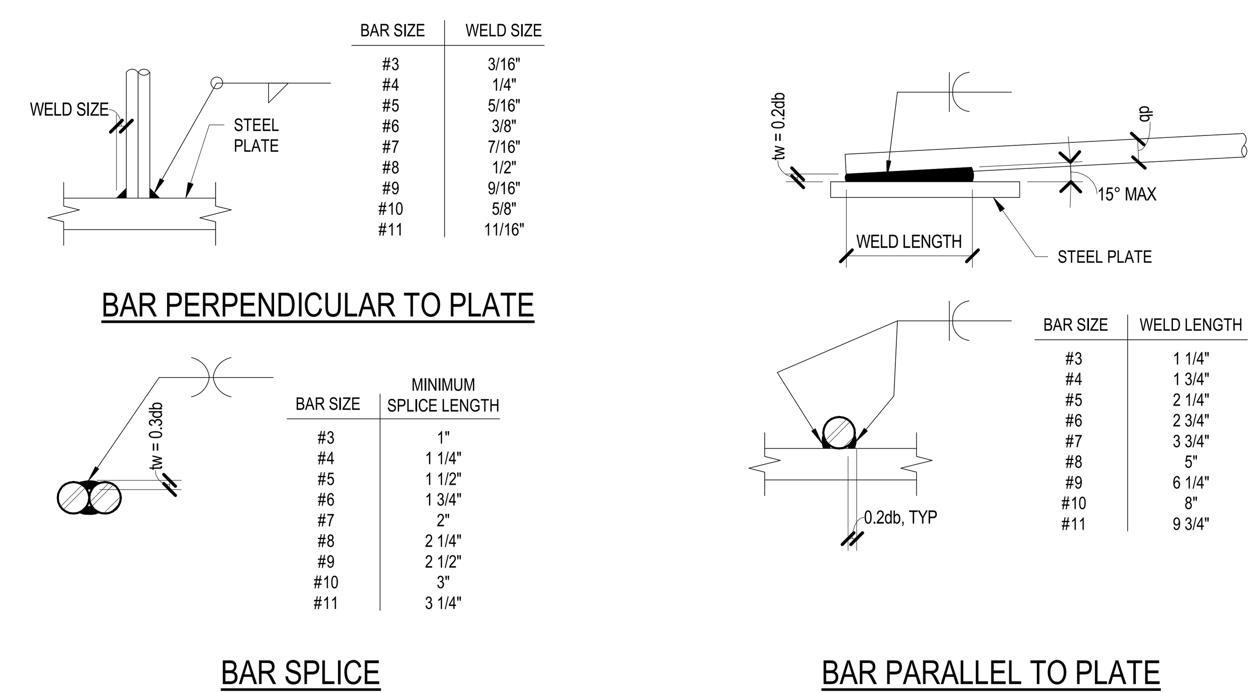
NO SCALE TD02526

STRAIGHT SHAFT DRILLED PIER SCHEDULE						
PIER MARK	SHAFT DIAMETER	VERTICAL REINF	TIES	MINIMUM PENETRATION	MINIMUM TOTAL PIER LENGTH	DESIGN CAPACITY (COMPRESSION) - KIPS
P1	18"	4 #6	#3 @ 18	7' - 0"	6' - 0"	95
P2	24"	5 #7	#3 @ 10	8' - 0"	8' - 0"	179
P3	30"	6 #8	#4 @ 12	8' - 0"	10' - 0"	253
P4	36"	7 #9	#4 @ 12	8' - 0"	12' - 0"	339



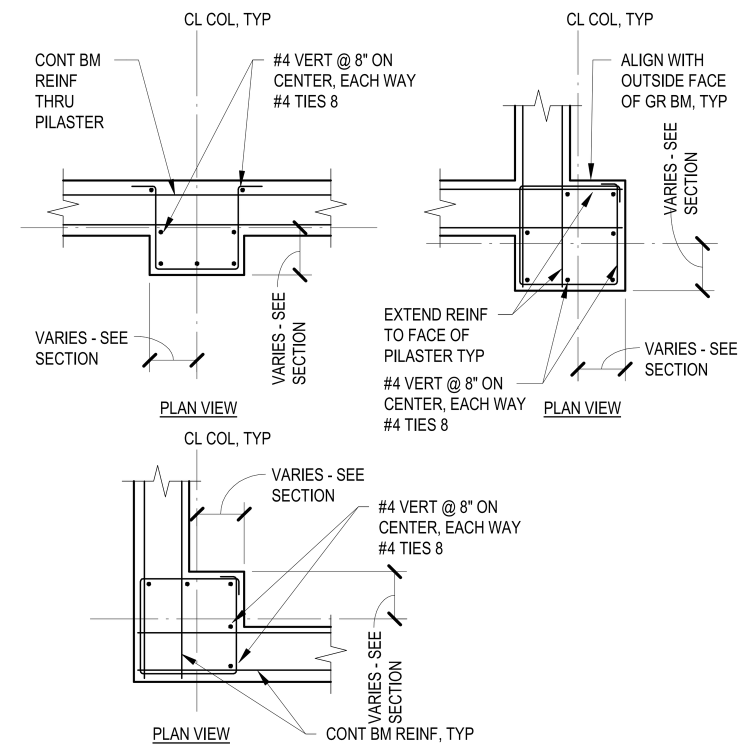
1 STRAIGHT SHAFT PIER TYPICAL DETAIL

NO SCALE TD02110



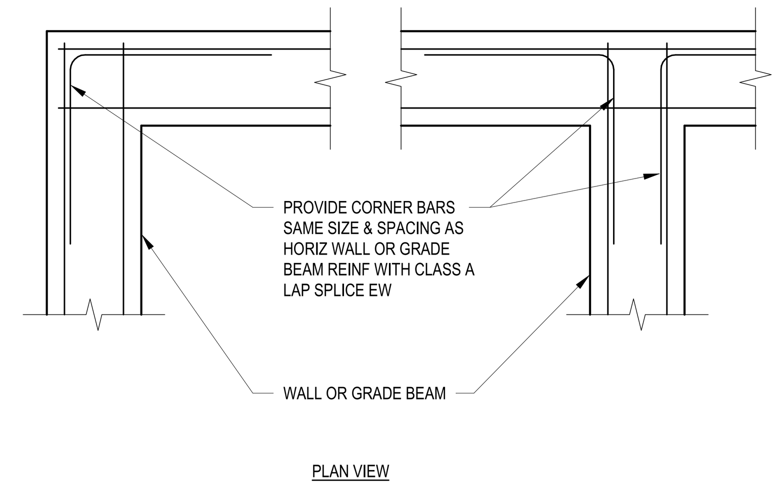
11 REBAR WELDING TYPICAL DETAIL

NO SCALE TD03202



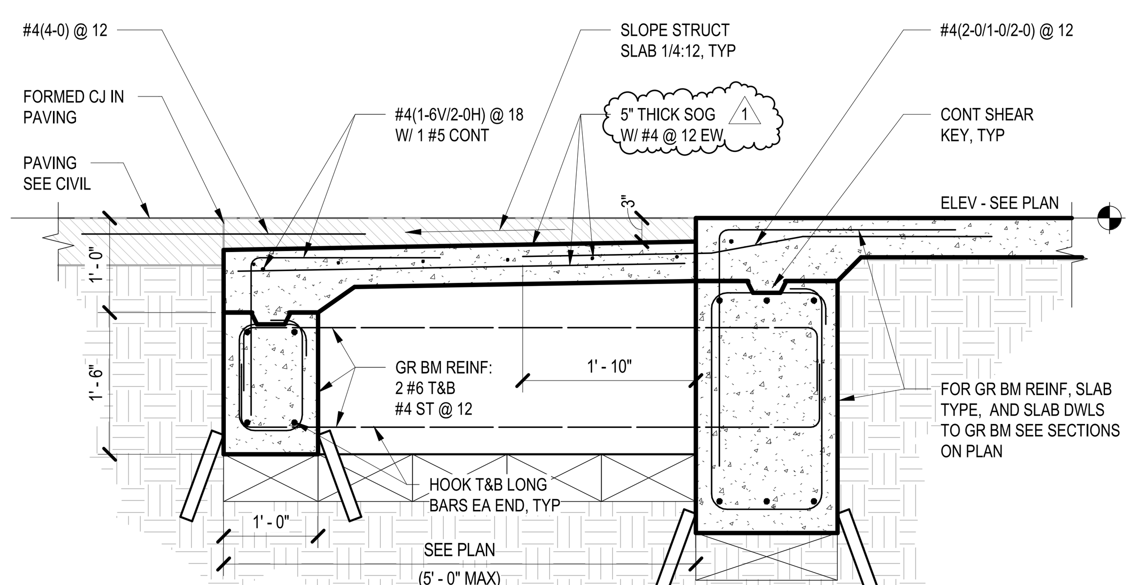
8 PILASTER REINFORCING TYPICAL DETAIL

NO SCALE TD03150



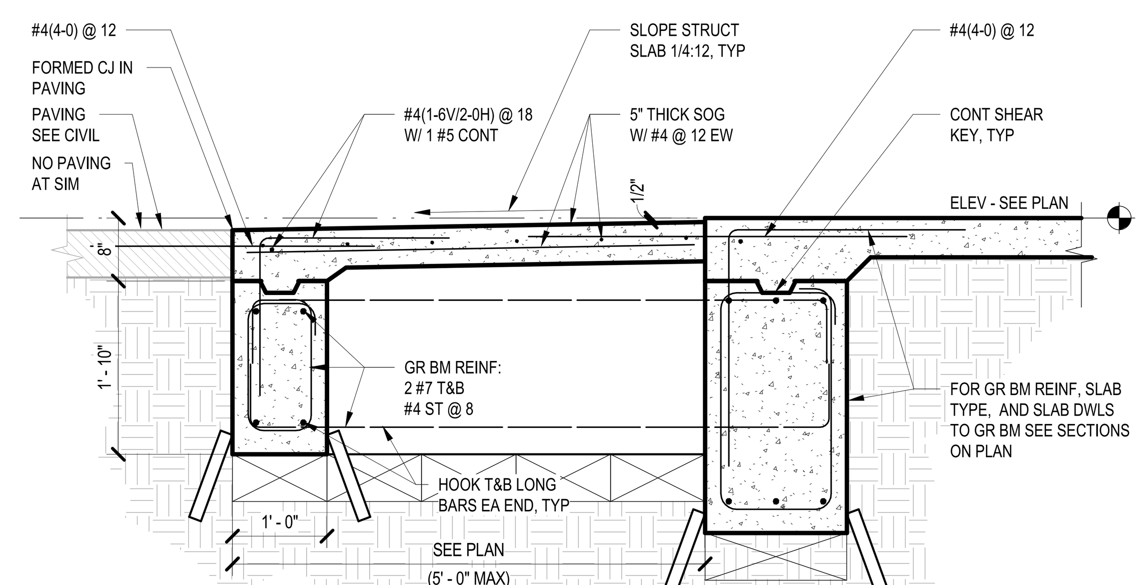
4 CORNER BARS TYPICAL DETAIL

NO SCALE TD03026



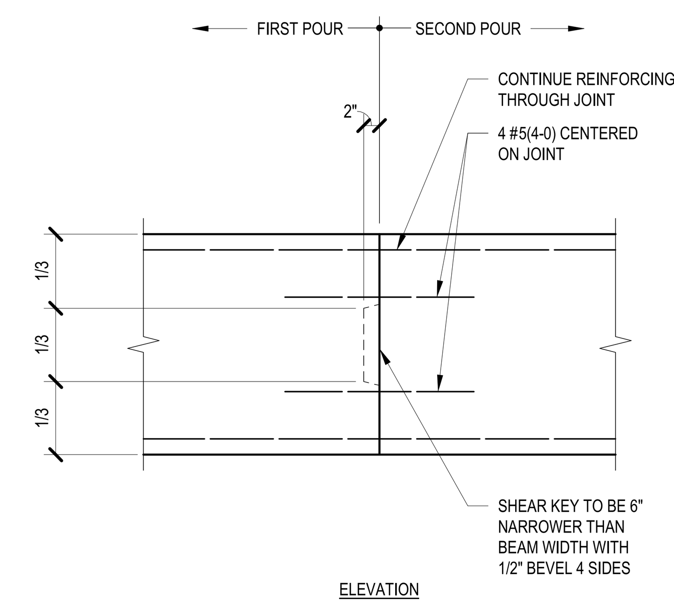
12 STRUCTURAL PORCH/STOOP WITH CIVIL PAVING ABOVE TYPICAL DETAIL

NO SCALE



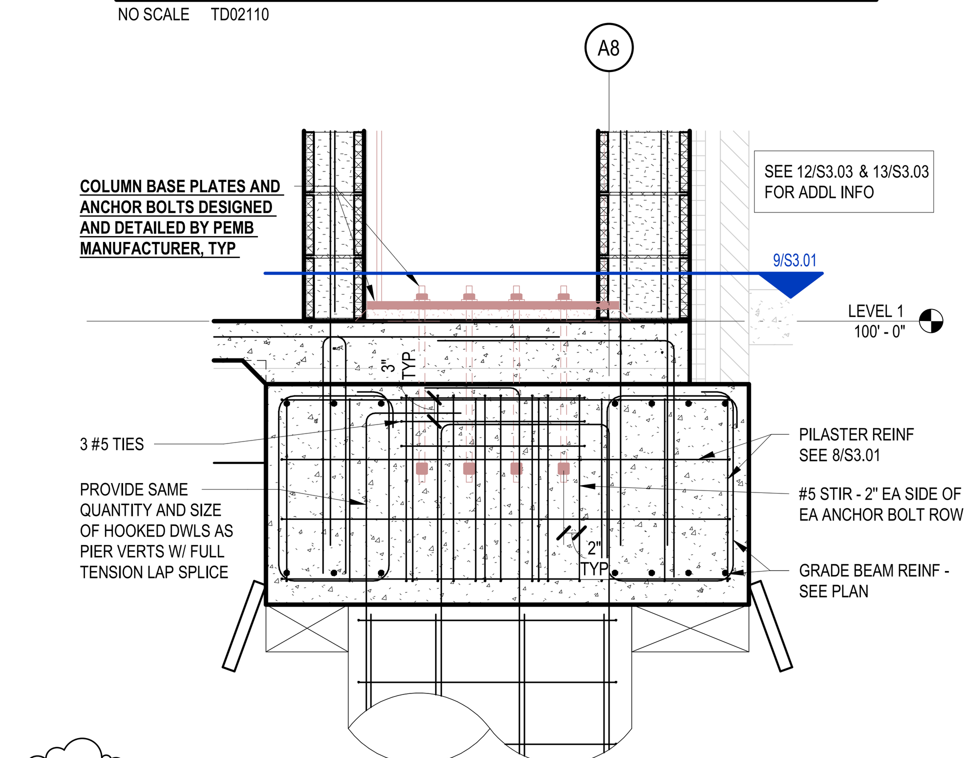
15 STRUCTURAL PORCH/STOOP WITHOUT CIVIL PAVING ABOVE TYPICAL DETAIL

NO SCALE



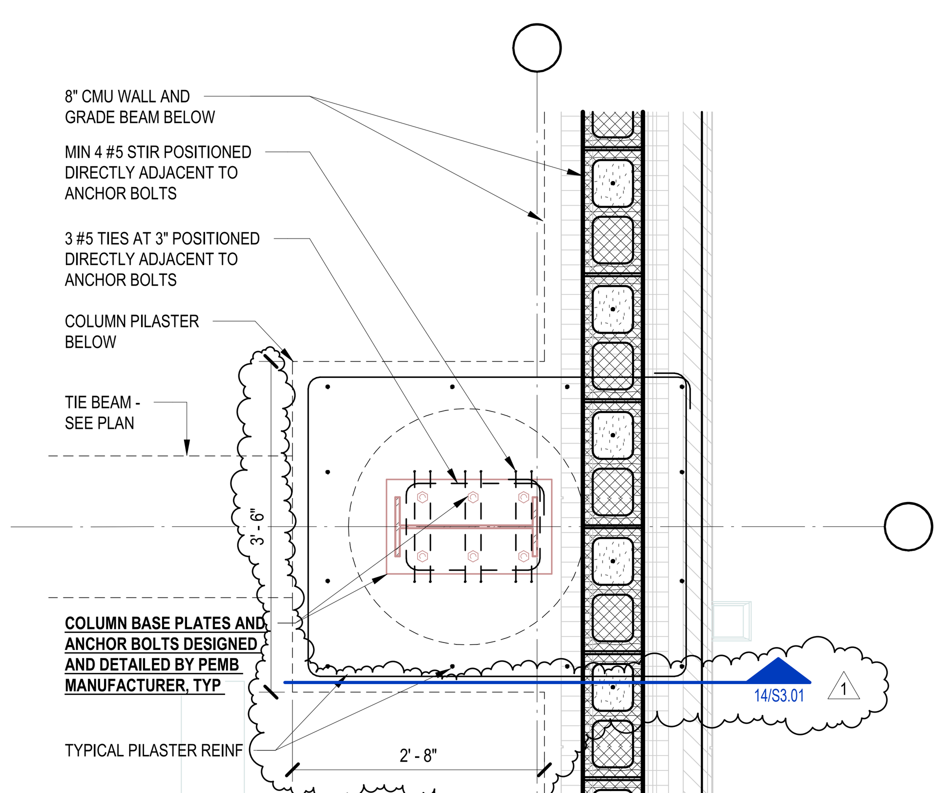
5 GRADE BEAM CONSTR JOINT TYPICAL DETAIL

NO SCALE TD03140



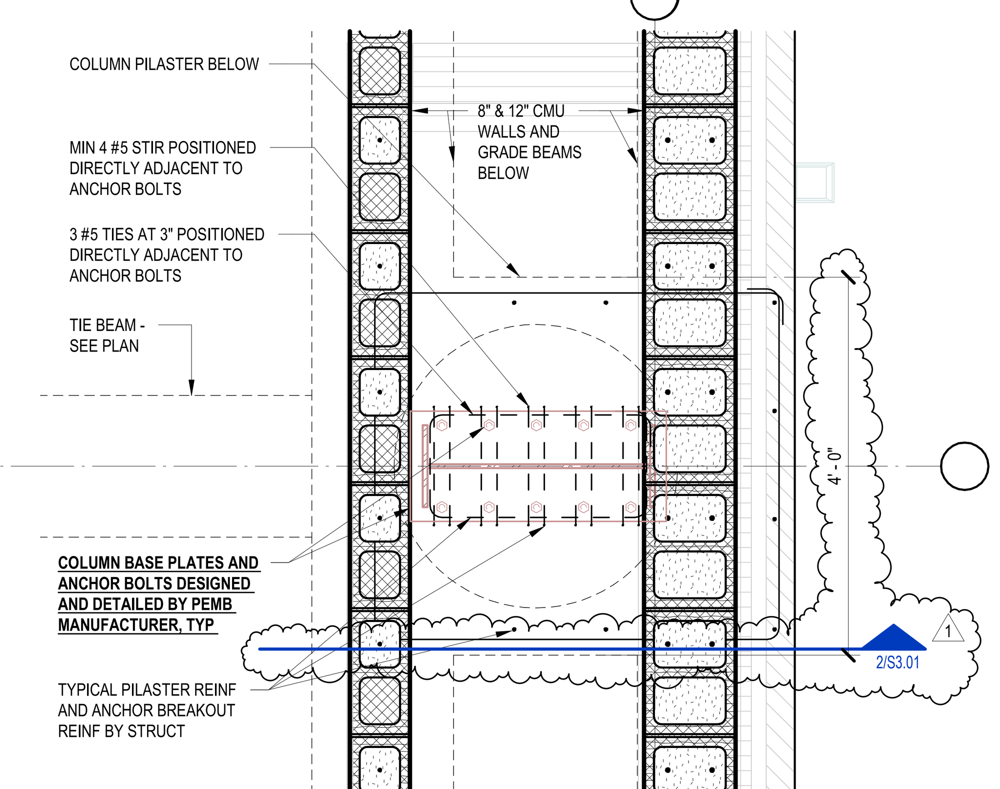
2

3/4" = 1'-0"



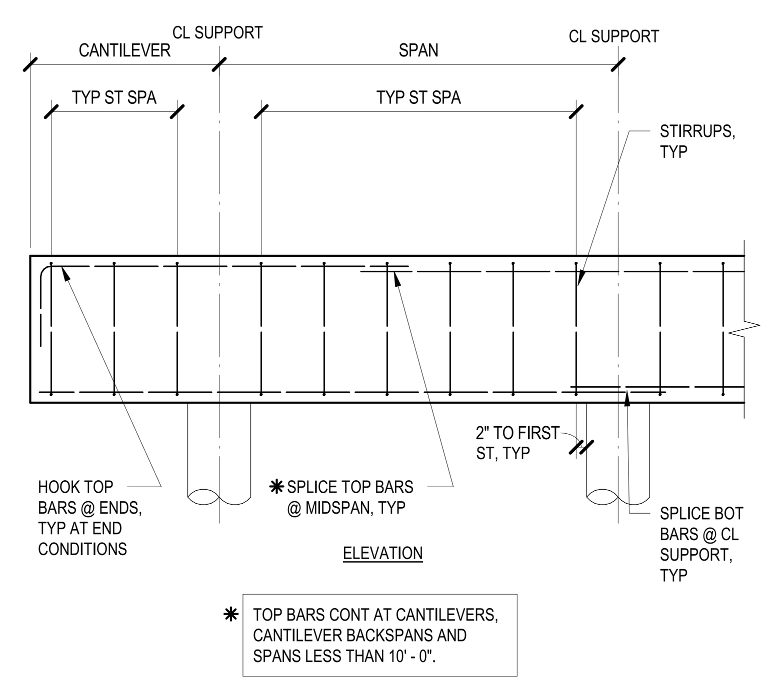
13 UNIT B - TYPICAL BENT COLUMN BASE CONNECTION

3/4" = 1'-0"



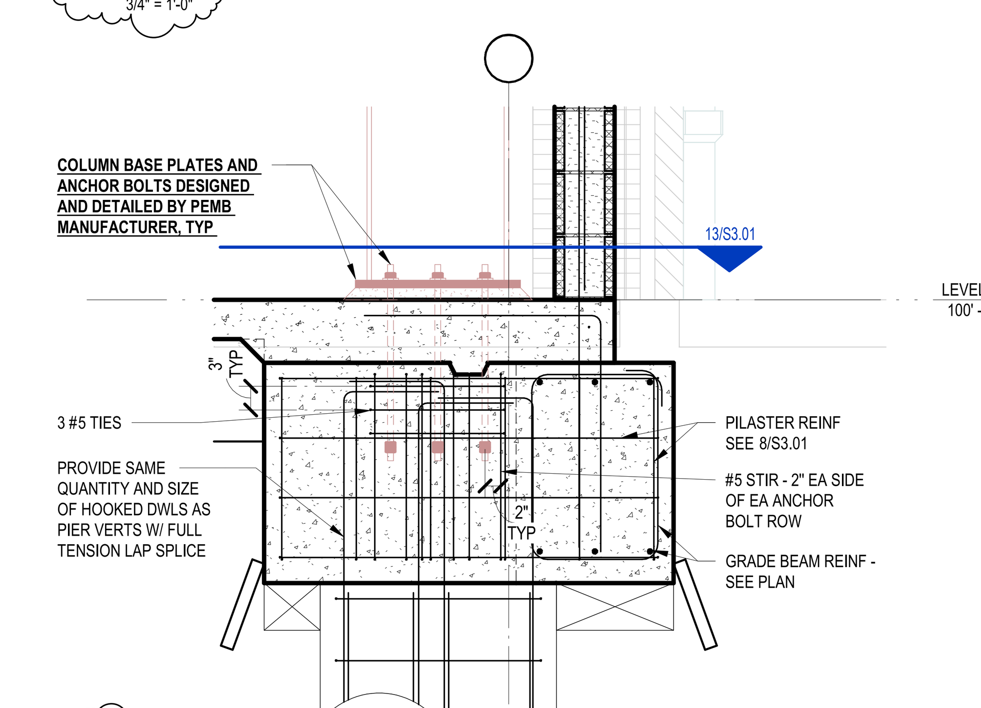
9 UNIT A -TYPICAL BENT COLUMN BASE CONNECTION

3/4" = 1'-0"



6 GRADE BEAM REINF TYPICAL DETAIL

NO SCALE TD03141



14

3/4" = 1'-0"

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STATE OF TEXAS
LANCE W. MUNDT
REGISTERED PROFESSIONAL ENGINEER
6-10-2025

ISSUED: May 28, 2025

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Director LVB
Drawn By LAFP
Designer ET
Quality Control LAFP
Proj. Arch. KDT

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SHEET TITLE
TYPICAL CONCRETE DETAILS

SHEET NO.
S3.01

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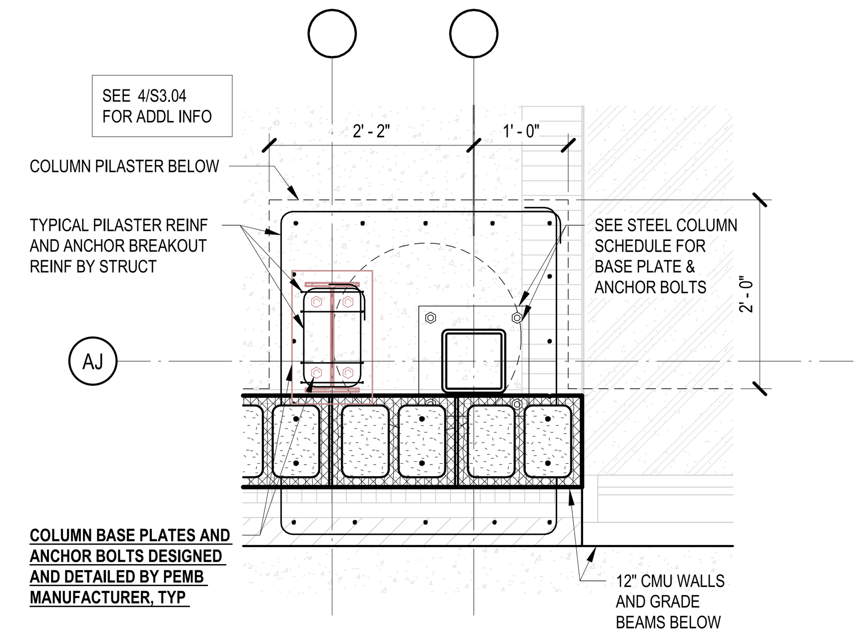
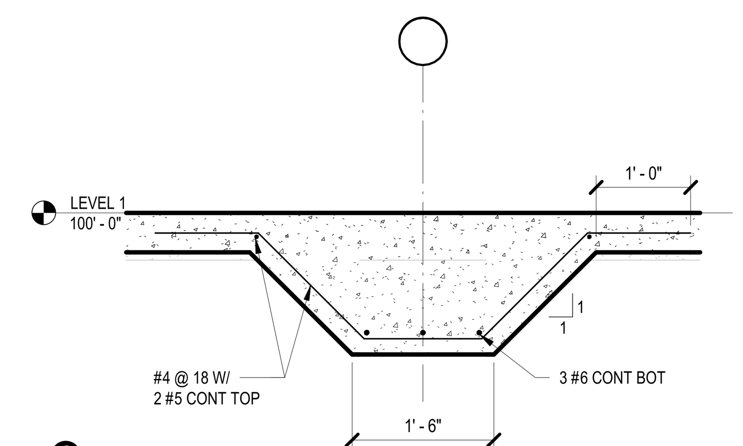
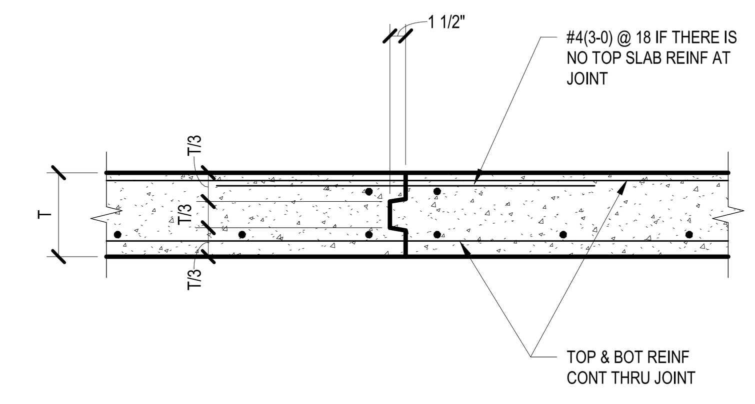


PLAN VIEW

13
3/4" = 1'-0"



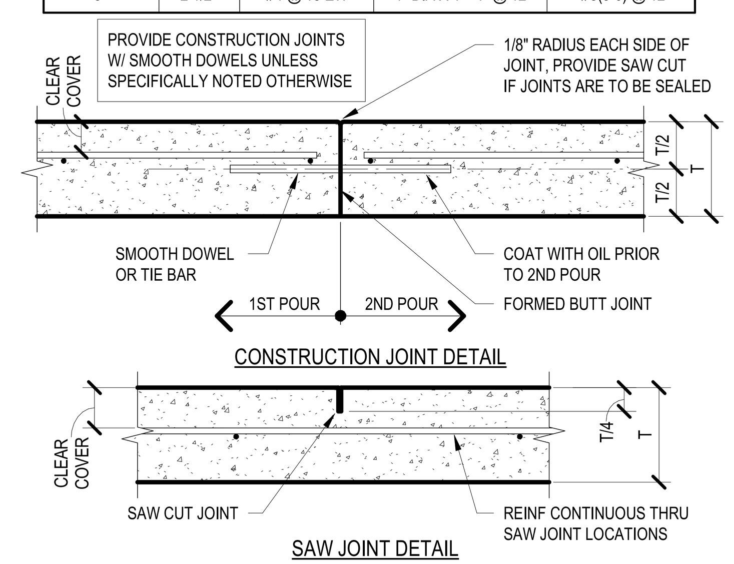
9
3/4" = 1'-0"



5 STRUCT NON-POST-TENSIONED SLAB CONSTRUCTION JOINT TYPICAL DETAIL

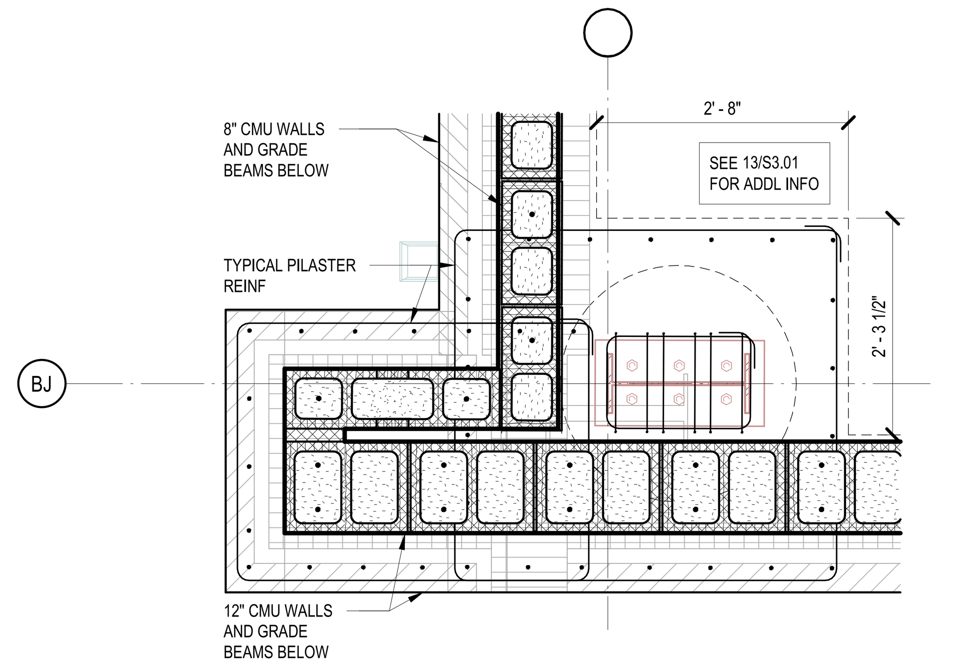
NO SCALE TD03342

SLAB-ON-GRADE SCHEDULE				
SLAB THICKNESS (T)	CLEAR COVER	SLAB REINFORCING	CONSTRUCTION JOINTS	
			SMOOTH DOWELS	TIE BARS
5"	1 3/4"	#3 @ 18 EW	3/4" DIA X 1' - 2" @ 18	#6(3-9) @ 18
6"	2"	#3 @ 16 EW	3/4" DIA X 1' - 2" @ 12	#6(3-9) @ 12
7"	2 1/4"	#3 @ 14 EW	1" DIA X 1' - 4" @ 12	#8(5-0) @ 12
8"	2 1/2"	#4 @ 18 EW	1" DIA X 1' - 4" @ 12	#8(5-0) @ 12



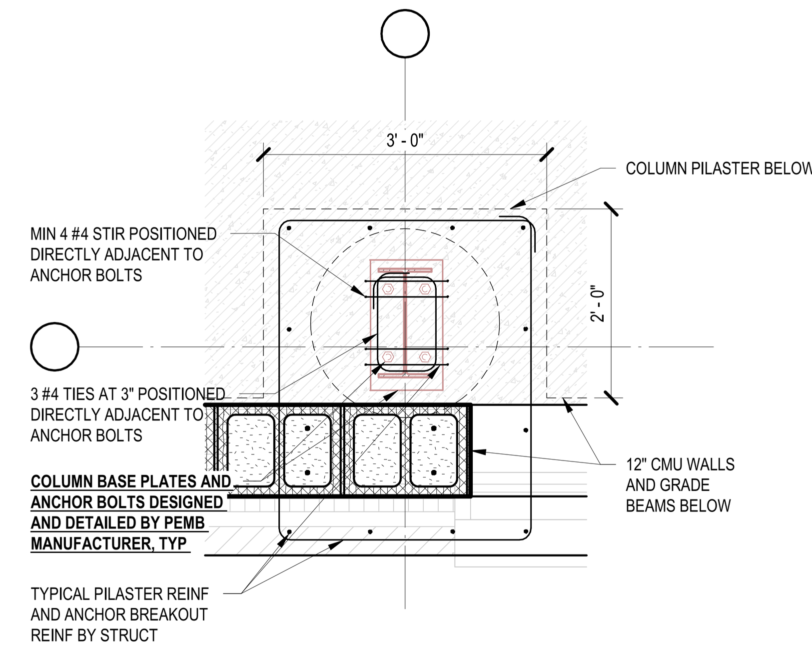
1 SLAB ON GRADE TYPICAL DETAIL

NO SCALE TD03101



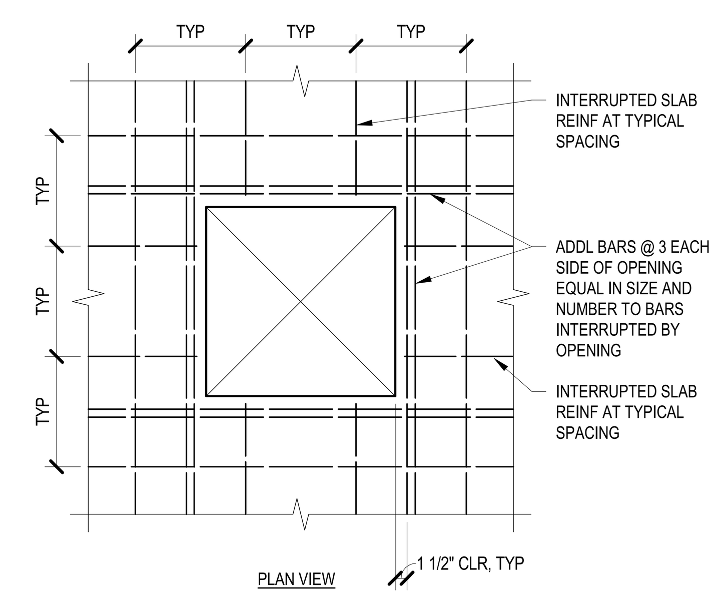
PLAN VIEW

14
3/4" = 1'-0"



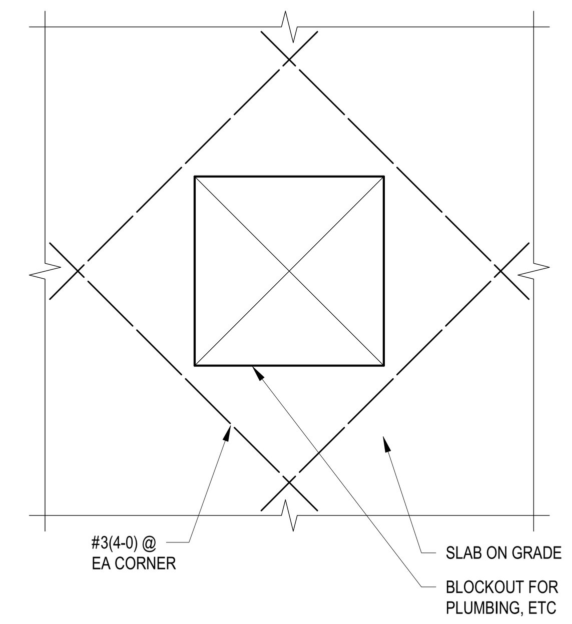
PLAN VIEW

10
3/4" = 1'-0"



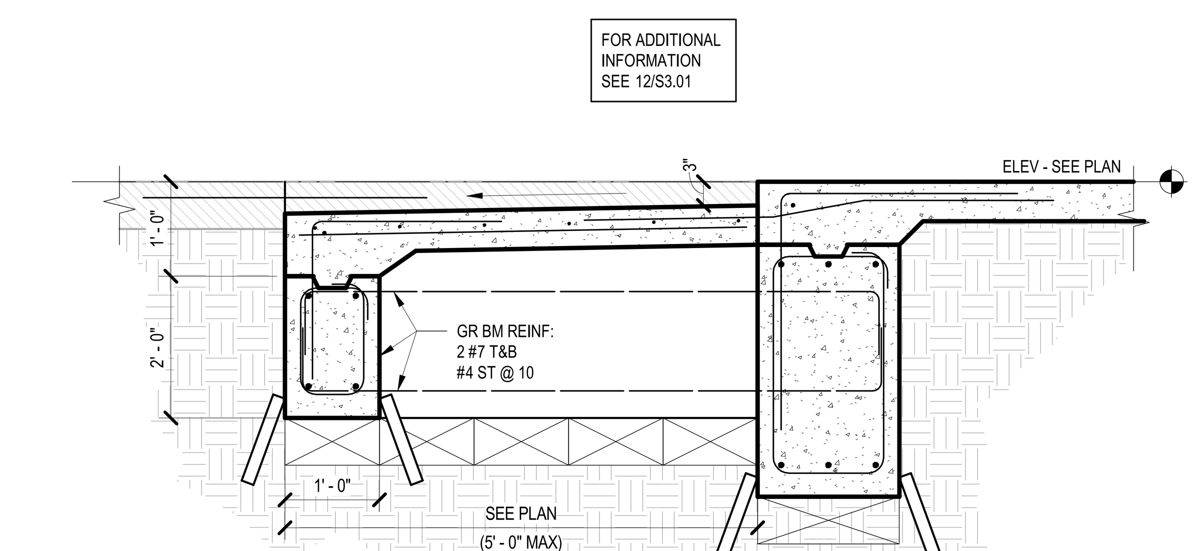
6 SLAB OPENING TYPICAL DETAIL

NO SCALE TD03343

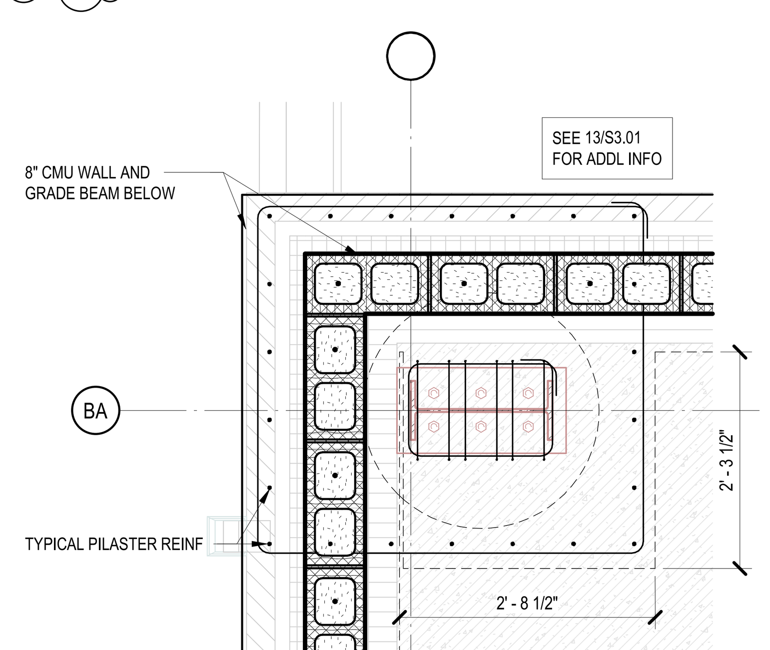


2 REINFORCING AT SLAB ON GRADE BLOCKOUT TYPICAL DETAIL

NO SCALE TD03042

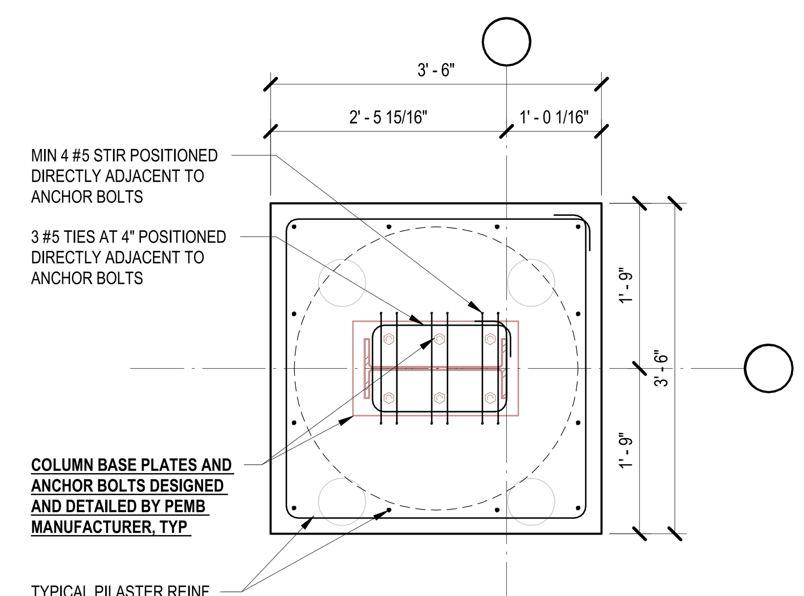


15
3/4" = 1'-0"



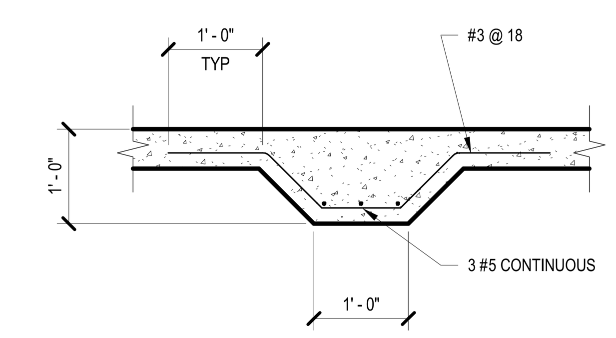
PLAN VIEW

11
3/4" = 1'-0"



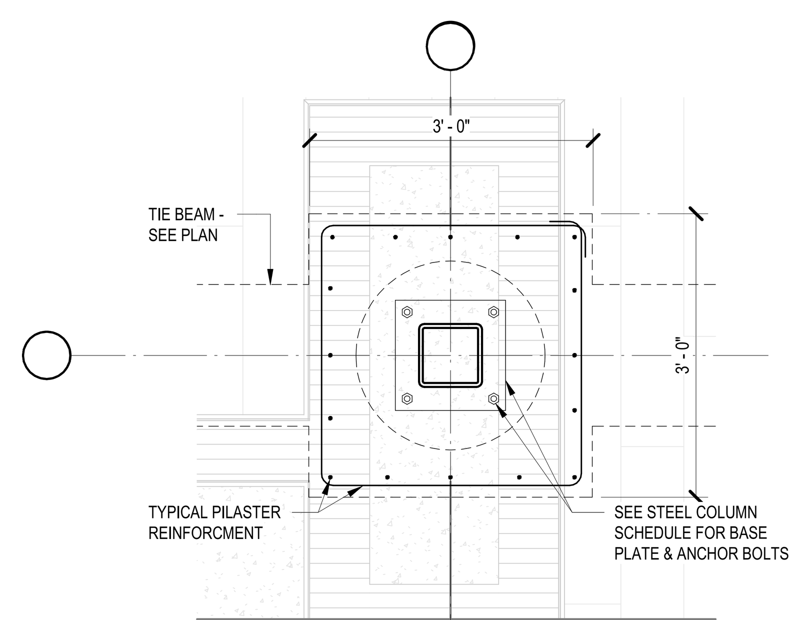
PLAN VIEW

7
3/4" = 1'-0"



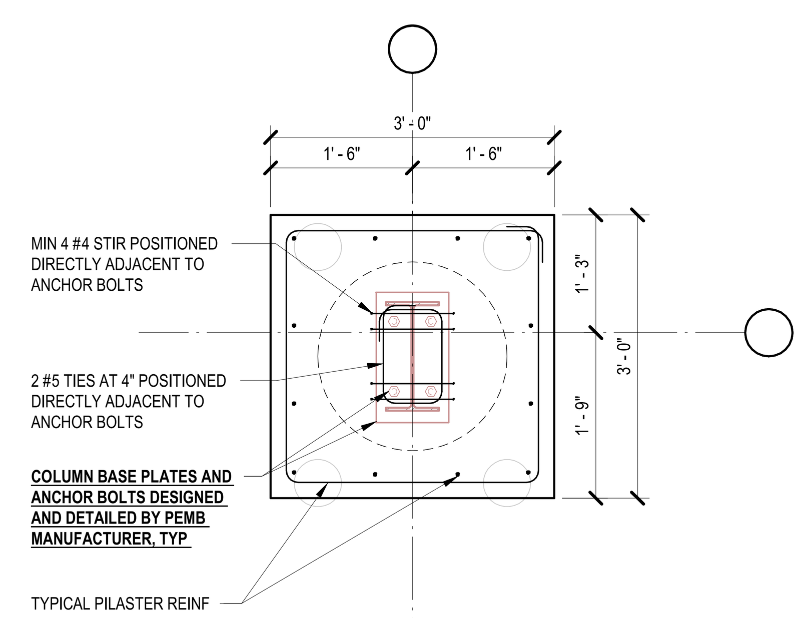
3 THICKENED SLAB TYPICAL DETAIL

NO SCALE TD03102



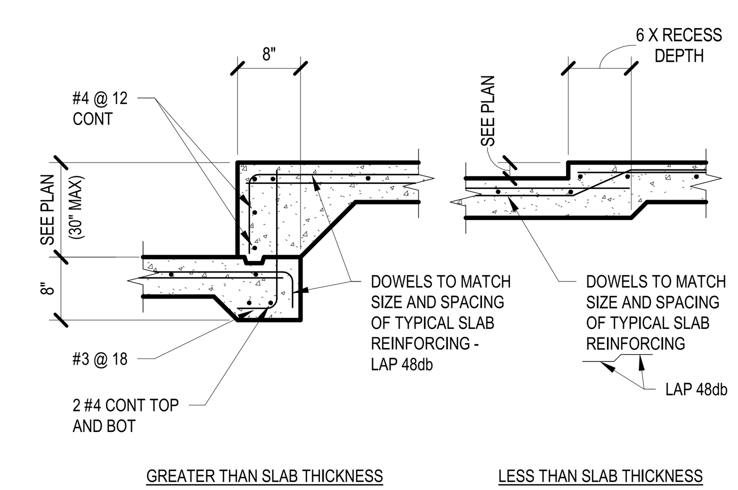
PLAN VIEW

12
3/4" = 1'-0"



PLAN VIEW

8
3/4" = 1'-0"



4 SLAB ON GRADE RECESSES TYPICAL DETAIL

NO SCALE TD03103

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95237
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Proj. Arch. KDT	

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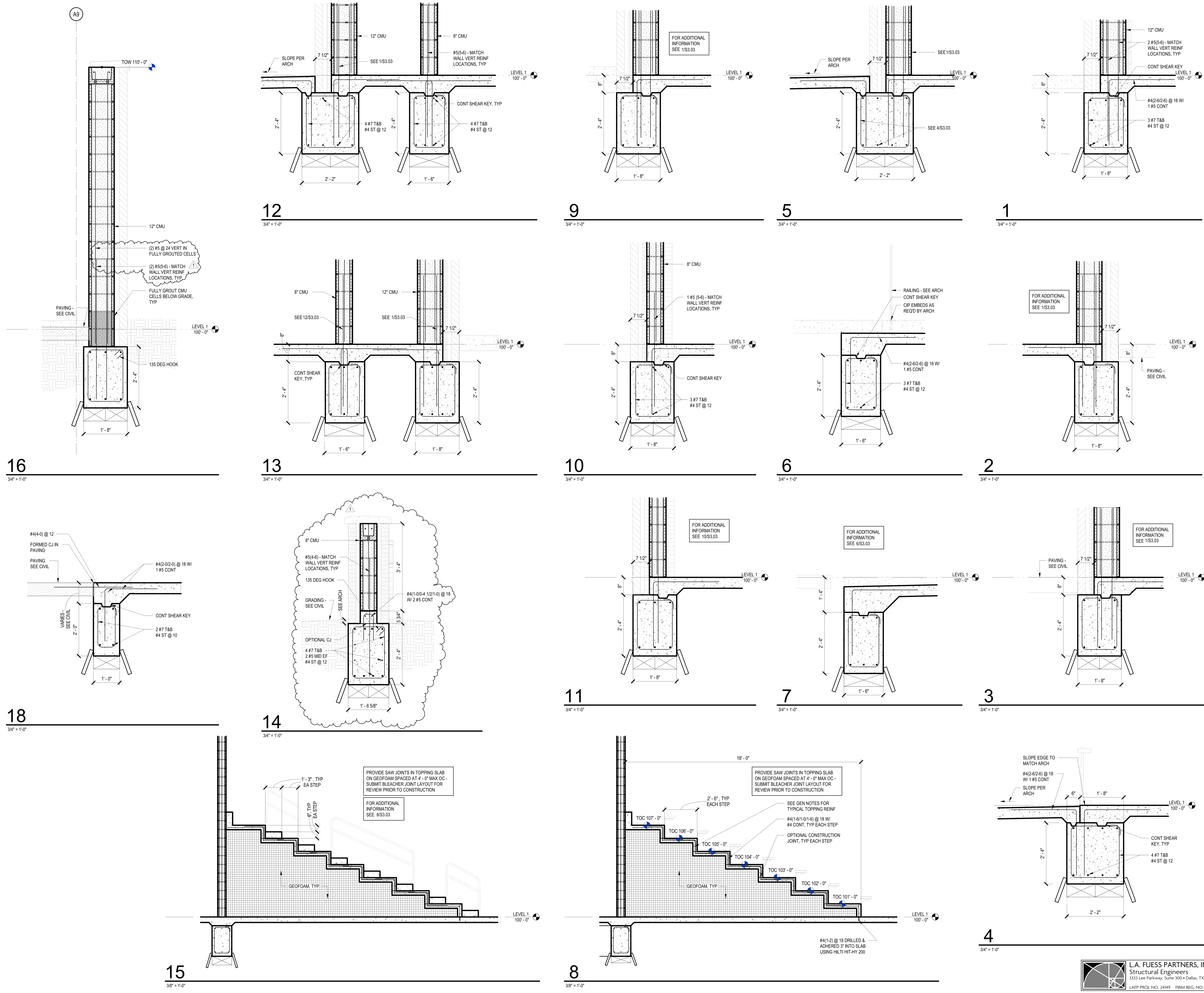
SHEET TITLE
TYPICAL CONCRETE DETAILS

SHEET NO.
S3.02



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SHEET TITLE
CONCRETE DETAILS

SHEET NO.
S3.03

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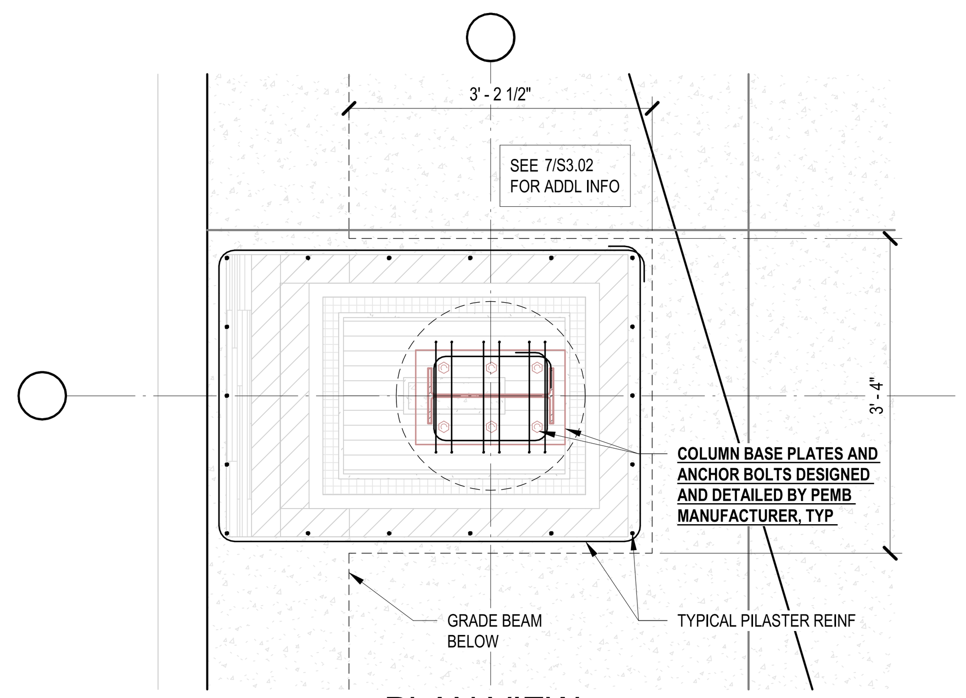
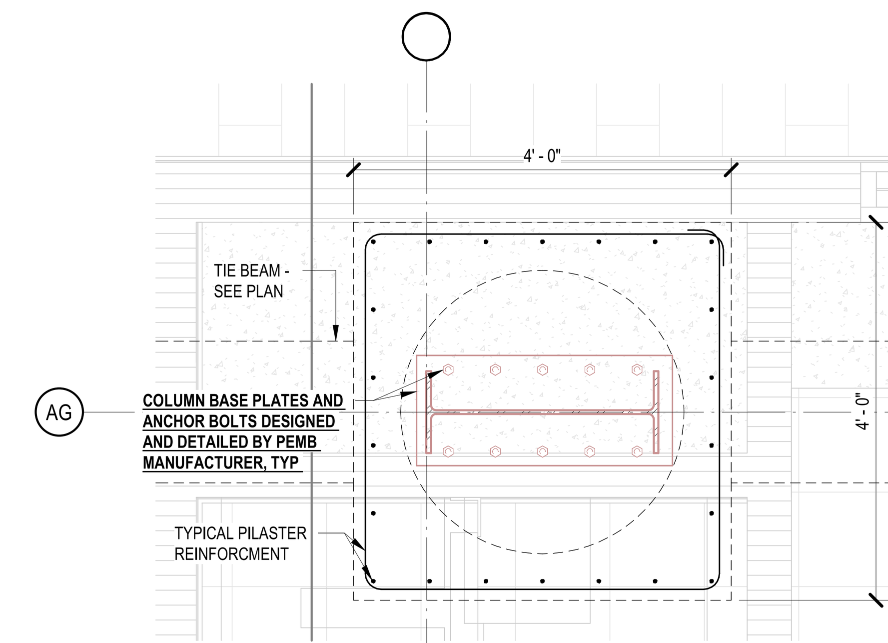
LAFP PROJ. NO. 24149 FIRM REG. NO. F-537



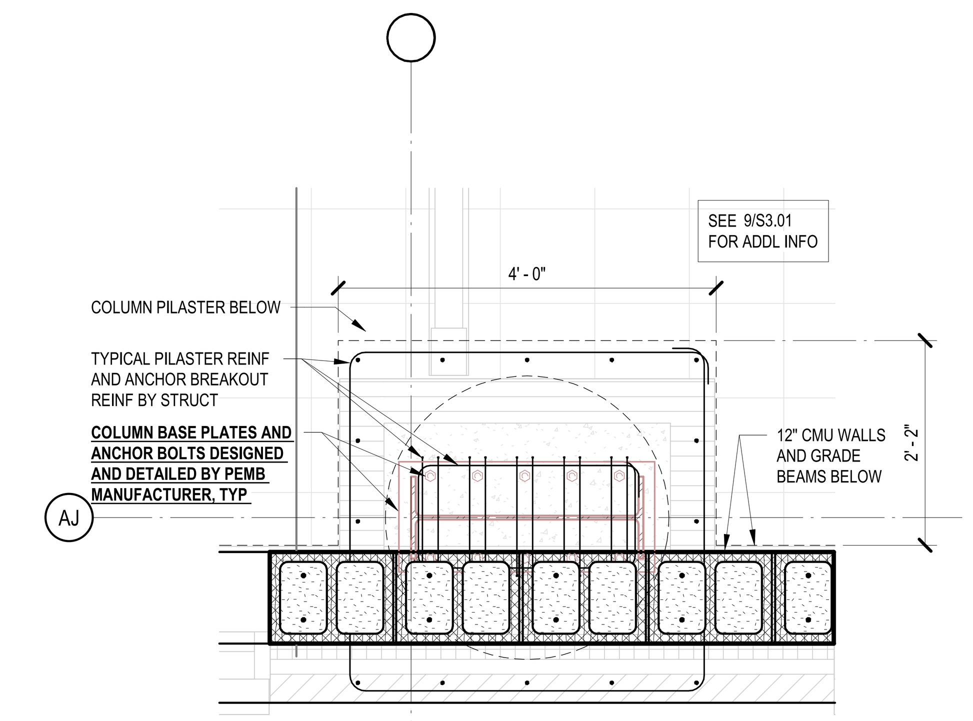
PLAN VIEW

9 3/4" = 1'-0"



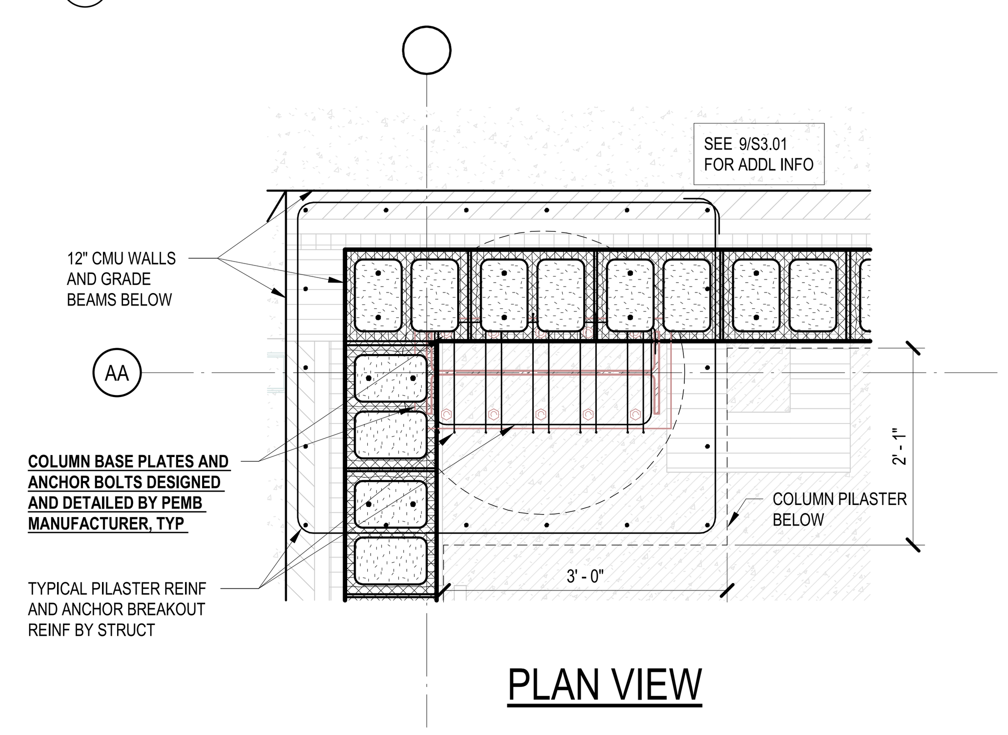
PLAN VIEW

5 3/4" = 1'-0"



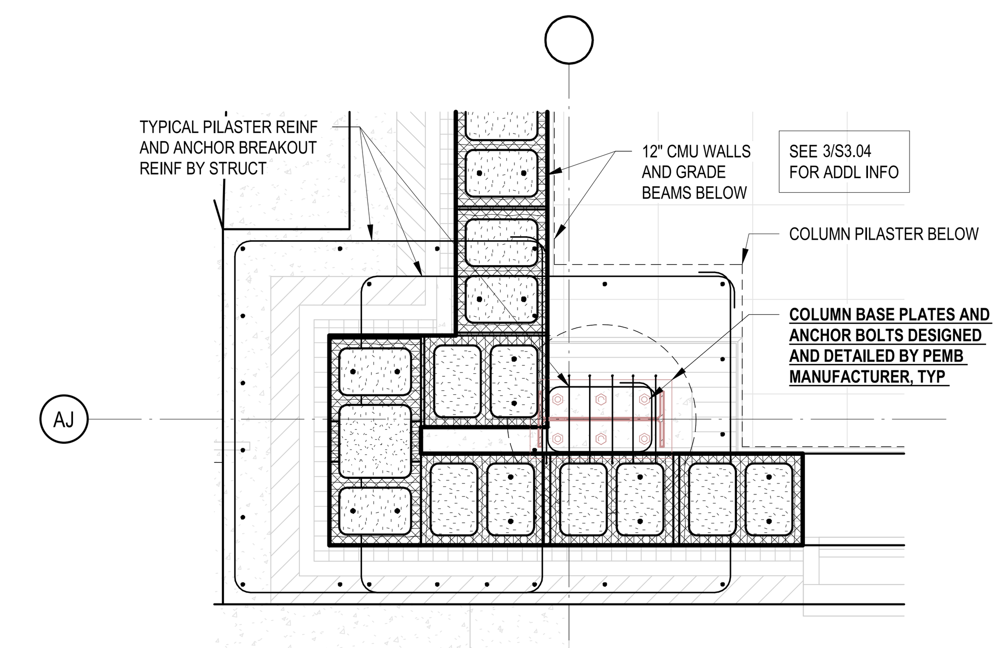
PLAN VIEW

1 3/4" = 1'-0"



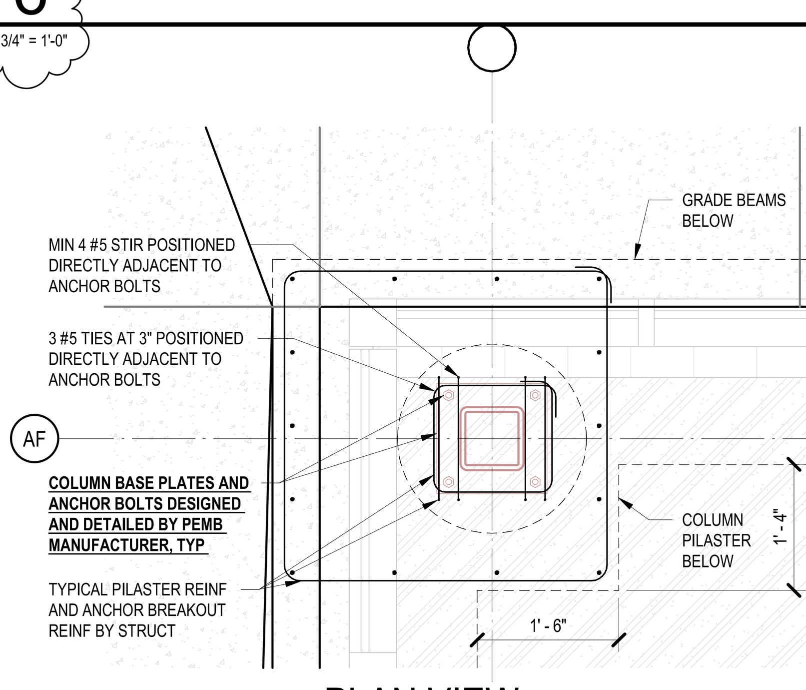
PLAN VIEW

6 3/4" = 1'-0"



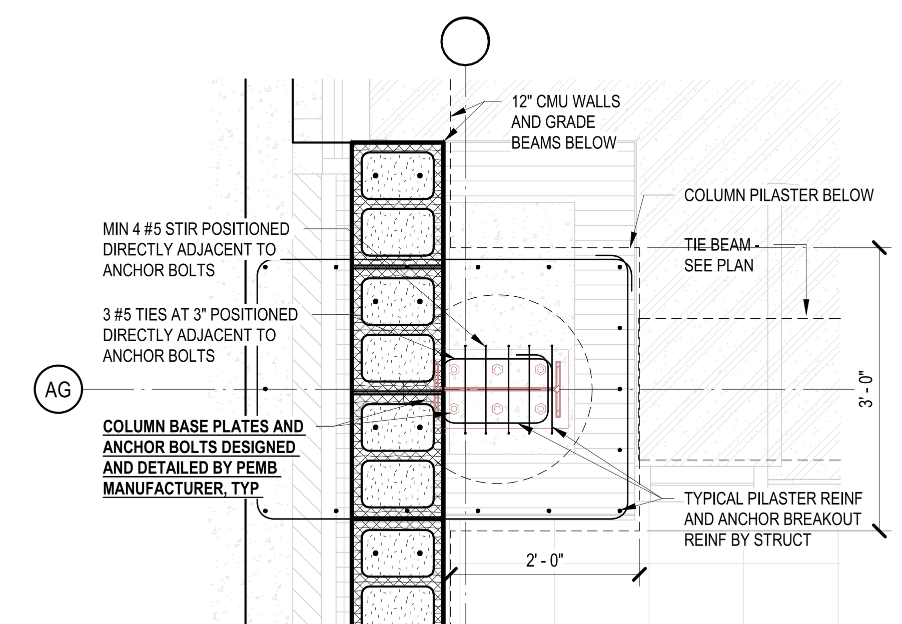
PLAN VIEW

2 3/4" = 1'-0"



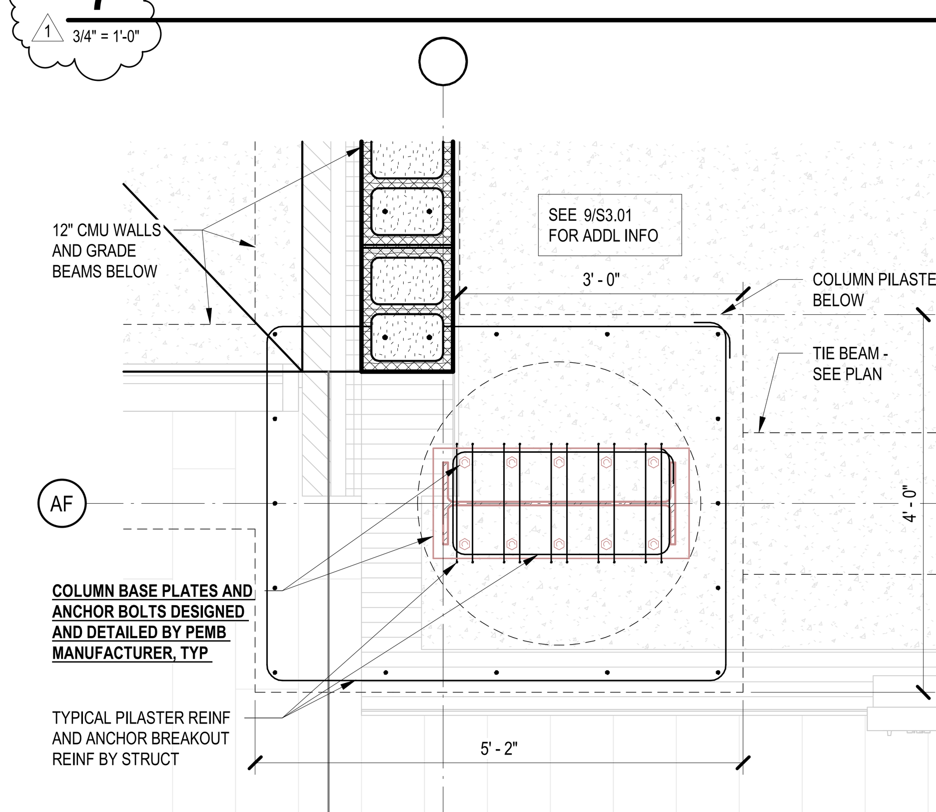
PLAN VIEW

7 3/4" = 1'-0"



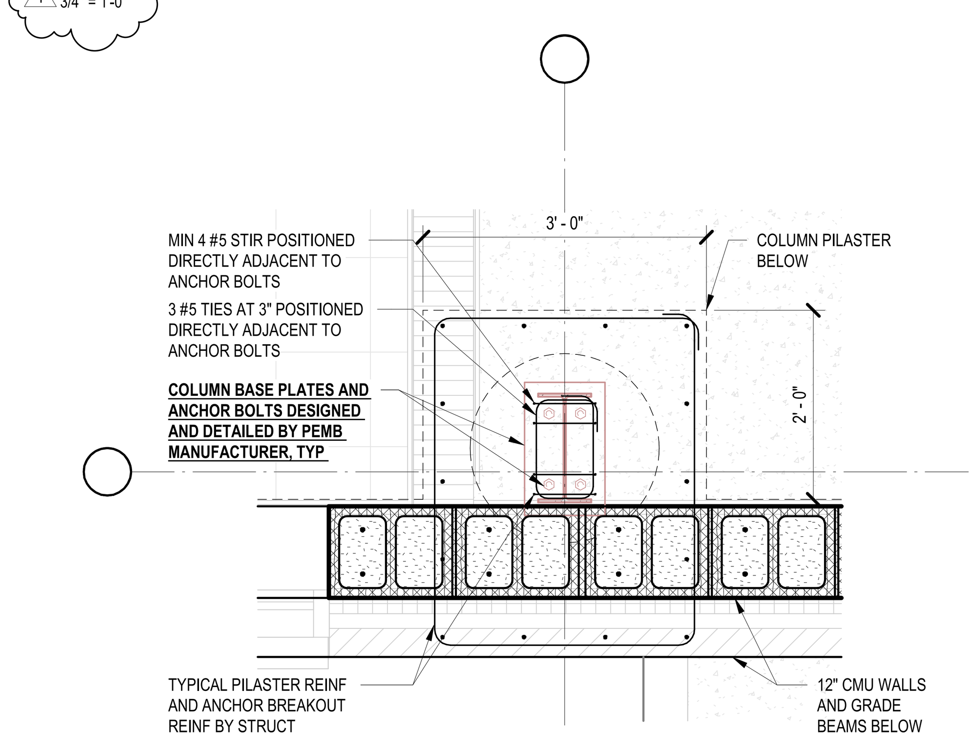
PLAN VIEW

3 3/4" = 1'-0"



PLAN VIEW

8 3/4" = 1'-0"



PLAN VIEW

4 3/4" = 1'-0"

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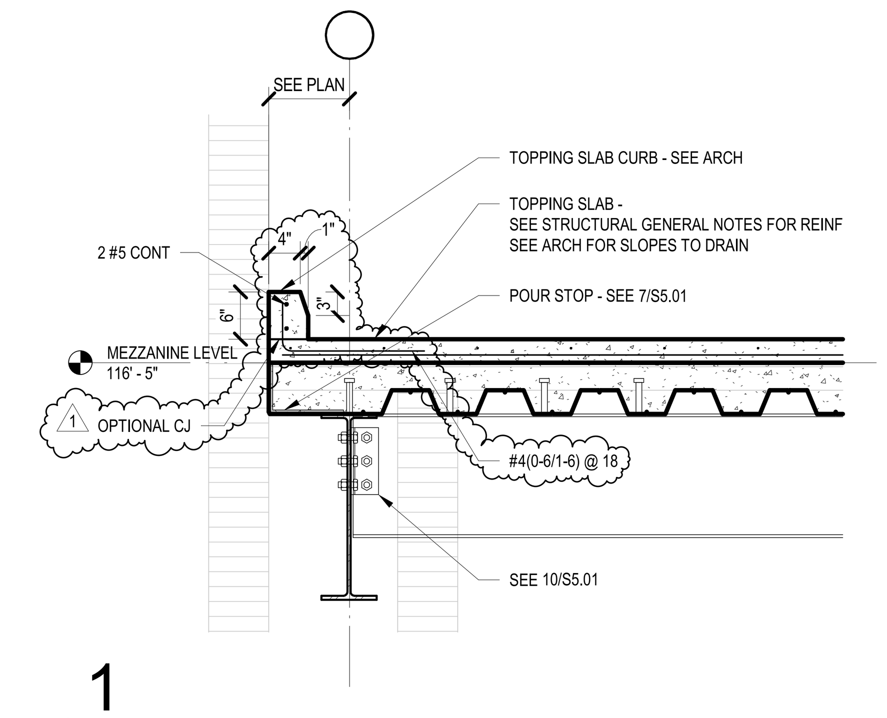
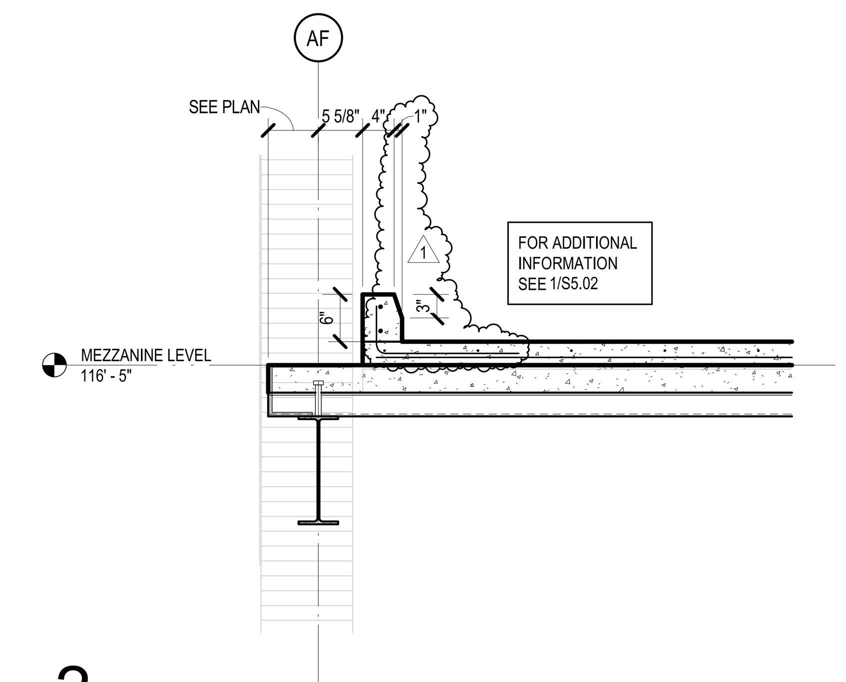
SHEET TITLE
CONCRETE DETAILS

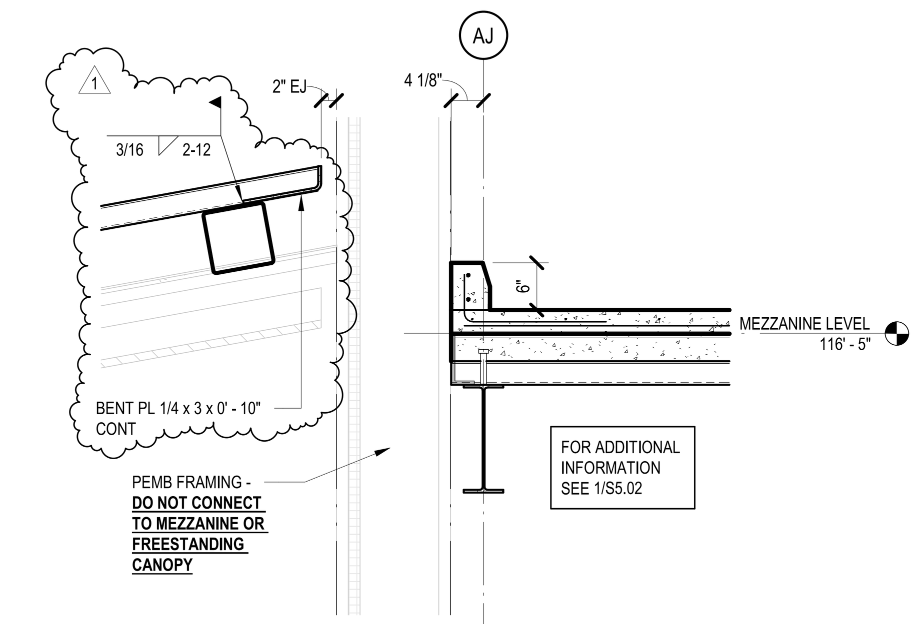
SHEET NO.
S3.04



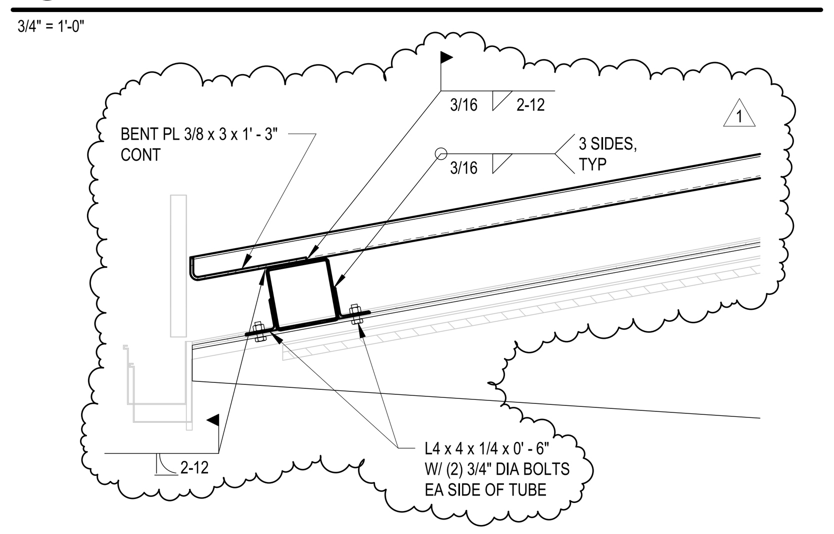
1
3/4" = 1'-0"



2
3/4" = 1'-0"



3
3/4" = 1'-0"



4
3/4" = 1'-0"

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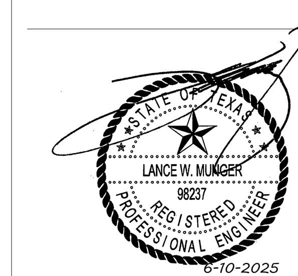

ISSUED: May 28, 2025

REVISIONS

Revision No.		Revision Date
1	Addendum No. 1	06-10-2025

Director LVB	Drawn By LAFP
Designer ET	Quality Control LAFP
Proj. Arch. KDT	

PROJECT NO.

24-057.00

SHEET TITLE

STEEL DETAILS

SHEET NO.

S5.02

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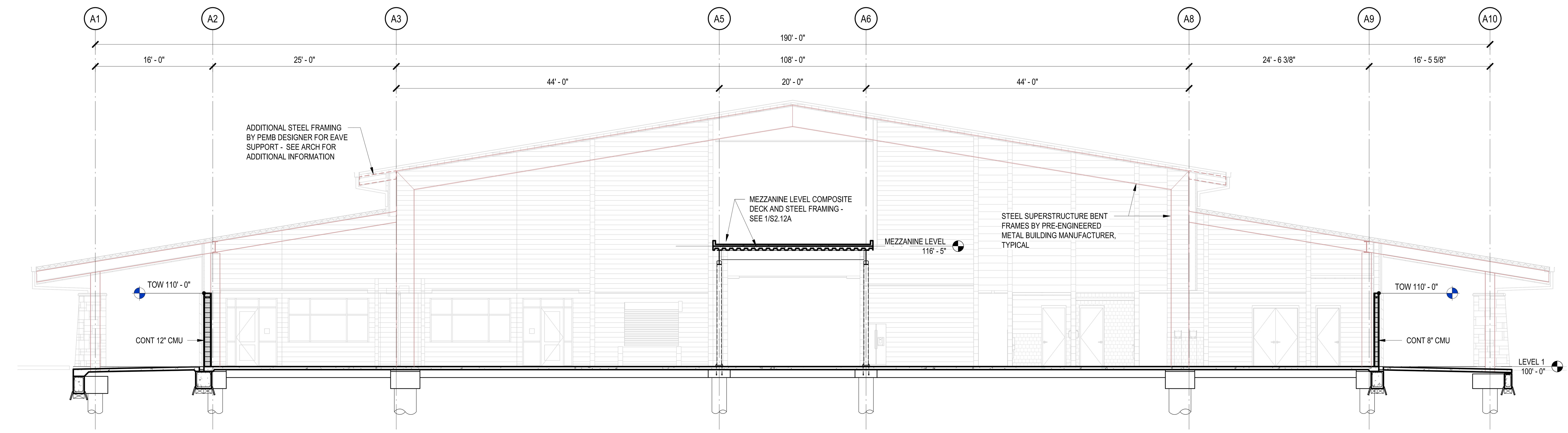
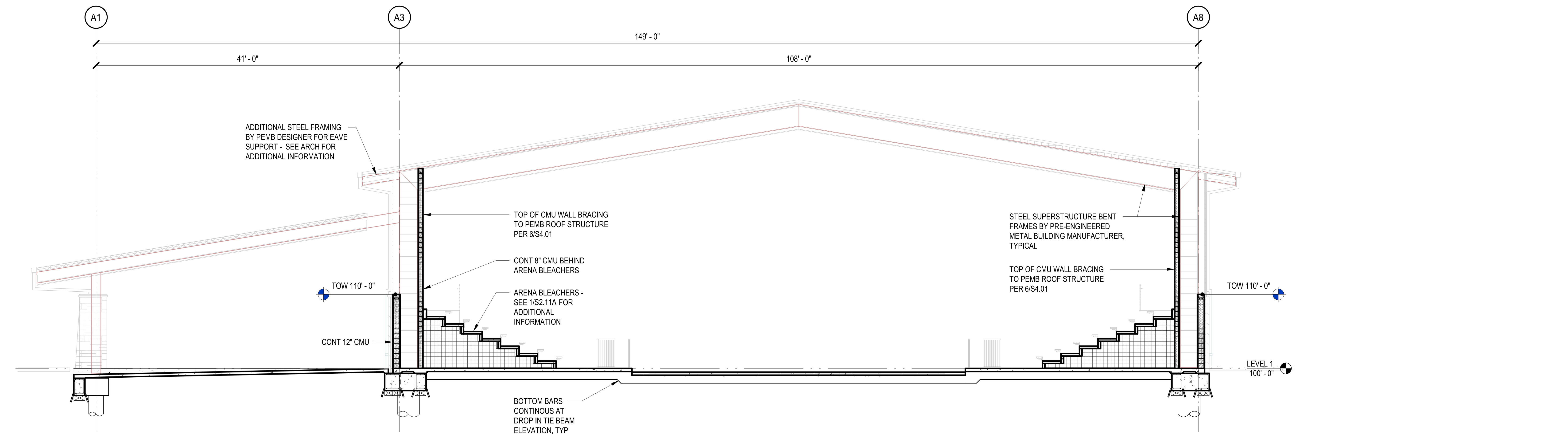


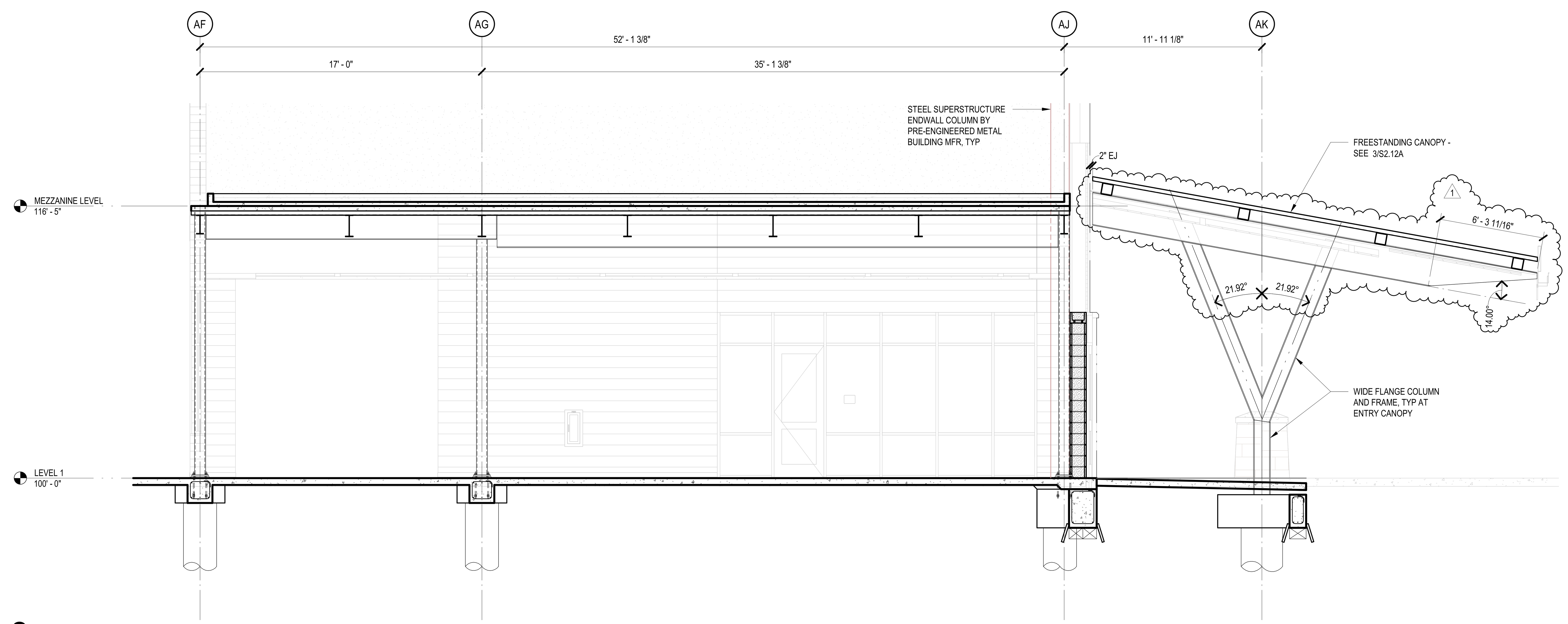
1 UNIT A - OVERALL SECTION 1

1/8" = 1'-0"



2 UNIT A - OVERALL SECTION 2

1/8" = 1'-0"



3 UNIT A - MEZZANINE FRAMING SECTION

1/4" = 1'-0"

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REGISTERED PROFESSIONAL ENGINEER
6-10-2025

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Revision No.		Revision Date
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Director LVB	Drawn By LAFP
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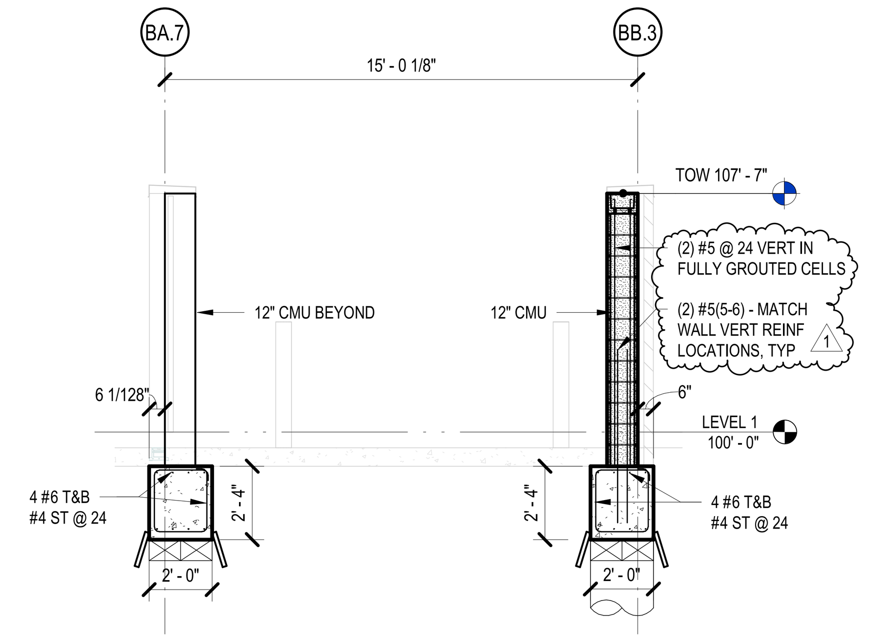
Proj. Arch. KDT	

PROJECT NO.
24-057.00

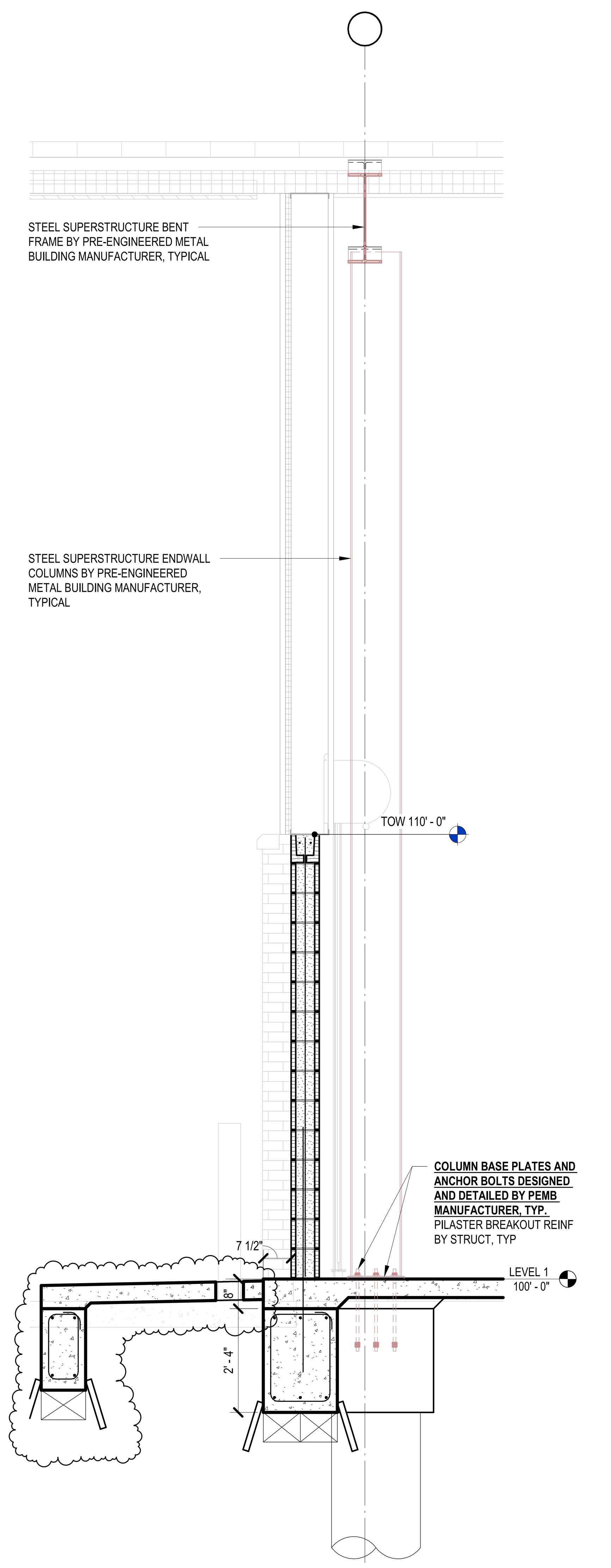
SHEET TITLE
OVERALL BUILDING SECTIONS

SHEET NO.
S6.01



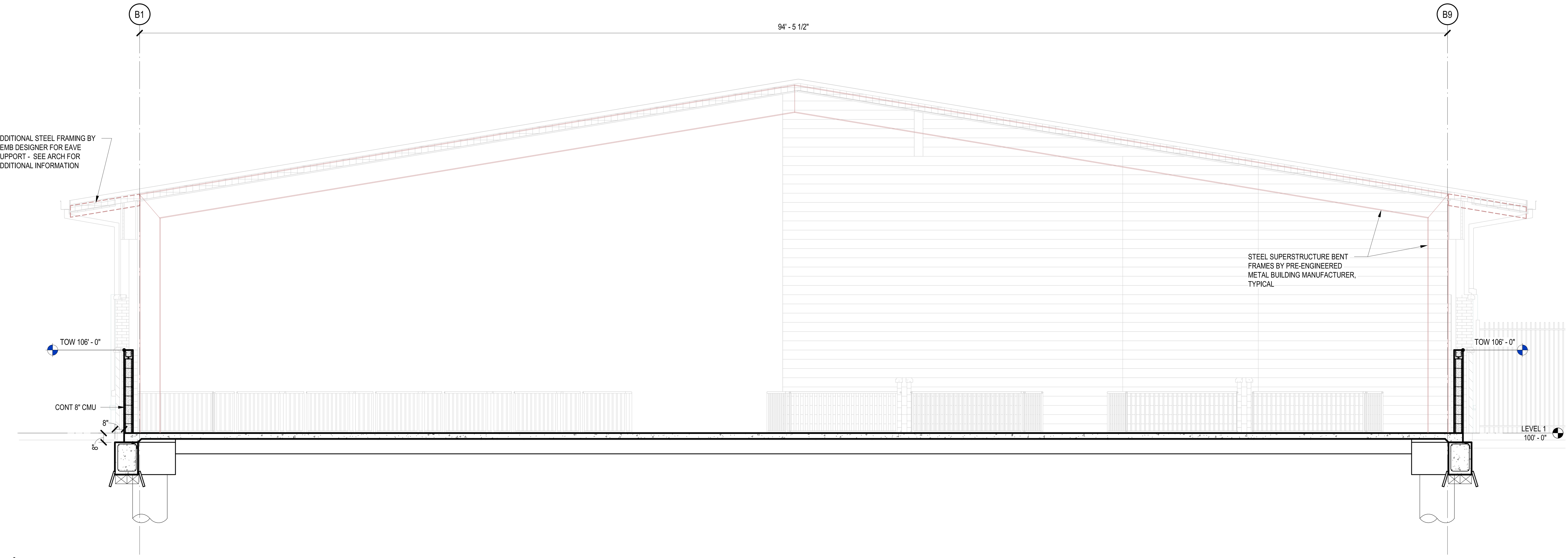
3 UNIT B GENERATOR ENCLOSURE SECTION

1/4" = 1'-0"



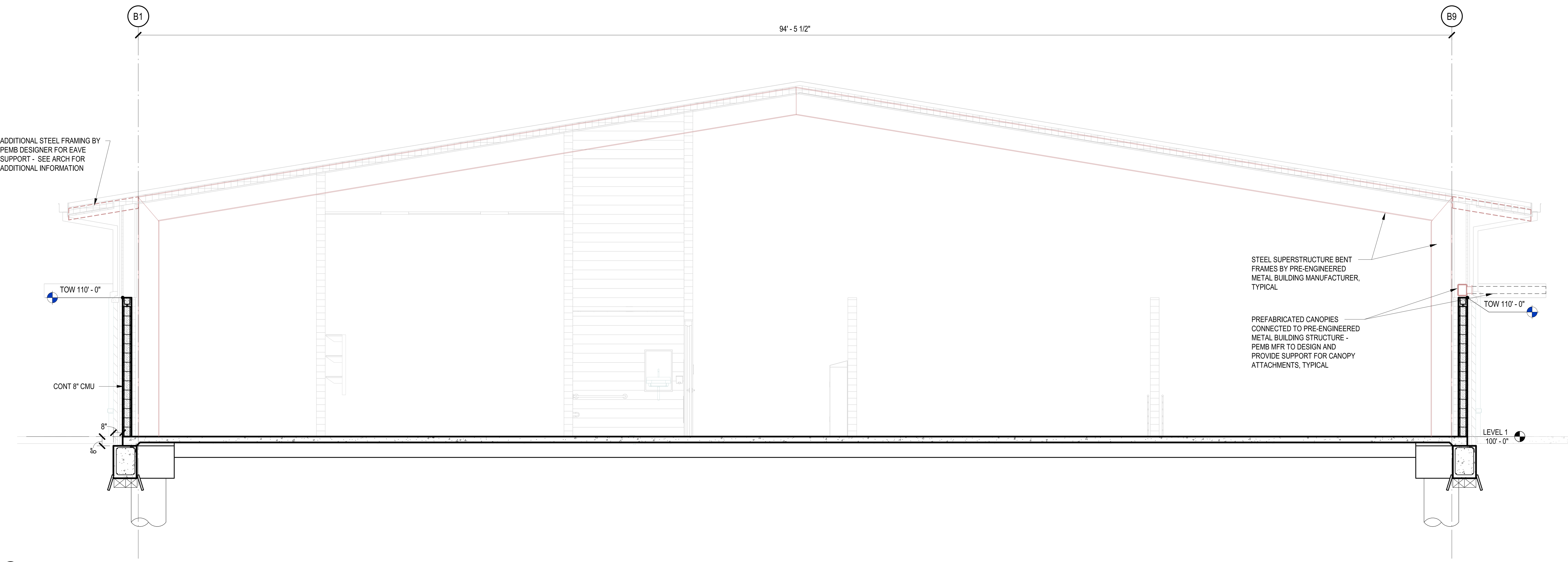
4 UNIT B - ENLARGED ENDWALL SECTION

1/2" = 1'-0"



1 UNIT B - OVERALL SECTION 1

1/4" = 1'-0"



2 UNIT B - OVERALL SECTION 2

1/4" = 1'-0"

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SHEET TITLE

OVERALL BUILDING SECTIONS

SHEET NO.

S6.02

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