

ISSUES & REVISIONS

NO	DATE	DESCRIPTION
1	05/12/2023	25% DESIGN REVIEW
2	07/07/2023	50% DESIGN REVIEW
3	08/04/2023	PROGRESS SET
4	09/22/2023	90% A/S/PRECAST DESIGN REVIEW
5	10/20/2023	PRICING SET

SEAL
NOT FOR CONSTRUCTION

ARCHITECTURAL SITE PLAN

DRAWN: AM
REVIEWED: ML
PROJECT NO: 24695.009

SHEET NO.
2A100

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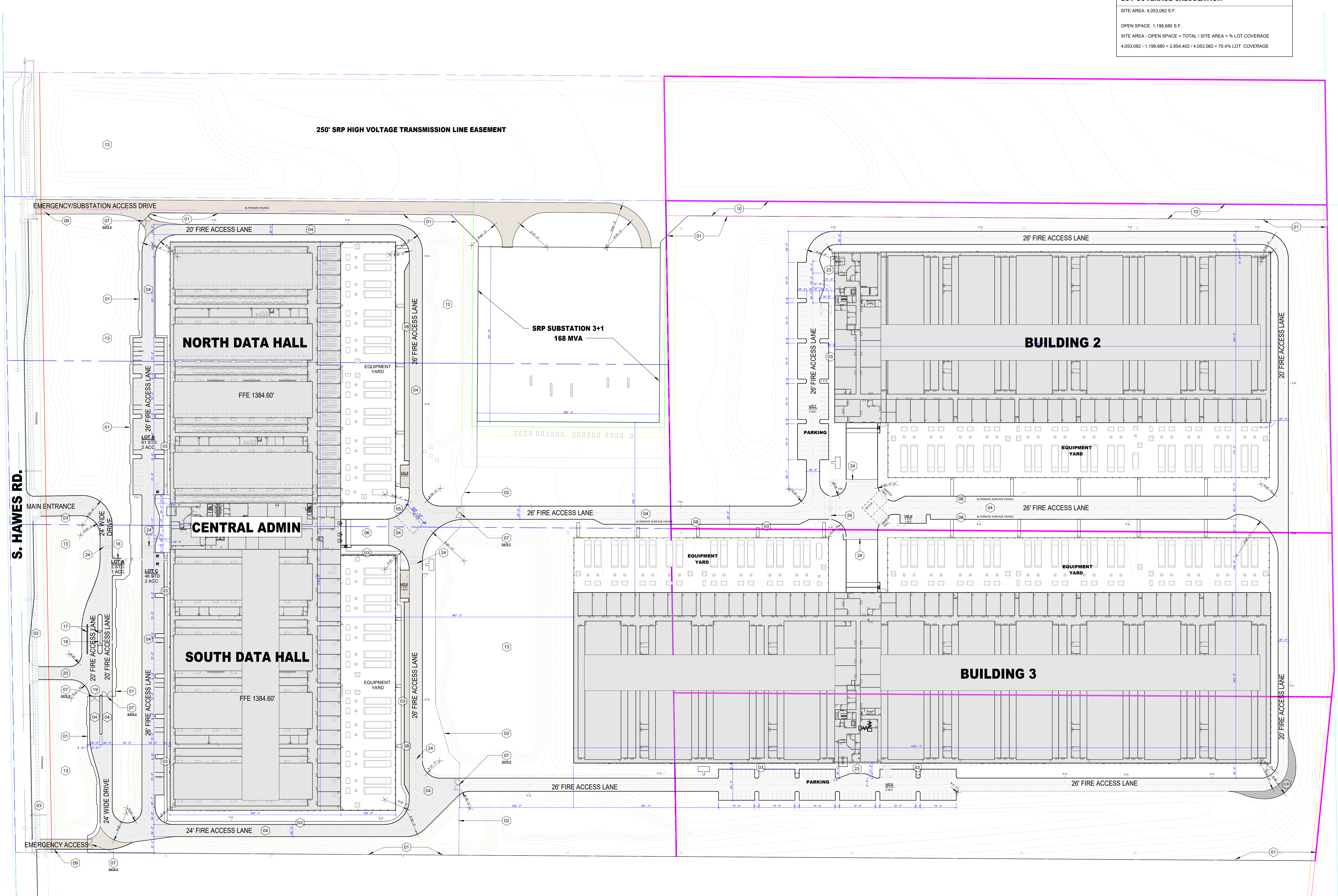
AREA BY PHASE	
PHASE	GROSS SF
BUILDING 1 FOOTPRINT (SHELL + ADMIN.)	392,236
BUILDING 1 ADMINISTRATIVE AREA LEVEL 1	33,426
BUILDING 1 ADMINISTRATIVE AREA LEVEL 2	19,696
PHASE 3 AND 4	
BUILDING 1 N. DATA HALL WING BUILDOUT	180,108
BUILDING 1 S. DATA HALL WING BUILDOUT	178,202
DATA HALL PHASES 3 AND 4	358,310
PHASE FUTURE	
BLDG 2 FOOTPRINT	301,072
BUILDING 2 DATA HALLS	267,648
BUILDING 2 ADMINISTRATIVE AREA LEVEL 1	33,426
BUILDING 2 ADMINISTRATIVE AREA LEVEL 2	19,696
BLDG 3 FOOTPRINT	481,017
BUILDING 2 DATA HALLS	447,591
BUILDING 2 ADMINISTRATIVE AREA LEVEL 1	33,426
BUILDING 2 ADMINISTRATIVE AREA LEVEL 2	19,696

PARKING REQUIRED				
BUILDING	OCCUPANT LOAD	SF BY OCCUPANCY	USE LOAD	SPACES REQUIRED
BUILDING 1				
DATA HALL OCCUPANT LOAD	853	32349	900	359
OFFICE OCCUPANT LOAD	512	19296	375	51
BUILDING 2				
DATA HALL OCCUPANT LOAD	638	24195	900	268
OFFICE OCCUPANT LOAD	512	19296	375	51
BUILDING 3				
DATA HALL OCCUPANT LOAD	1064	40356	900	448
OFFICE OCCUPANT LOAD	512	19296	375	51
TOTAL PARKING REQUIRED PER CHAPTER 32, TABLE 11-32-3.A				1230
TOTAL PARKING PROVIDED				287

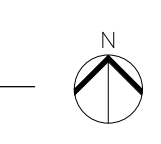
PARKING PROVIDED				
LOT	STANDARD SPACES	ACCESSIBLE SPACES	PHASE INSTALLED	BUILDING AFFILIATED
A	2	3	PHASE 1	BLDG 1 - OUTSIDE SECURE BOUNDARY
B	61	2	PHASE 1	BLDG 1
C	46	2	PHASE 1	BLDG 1
D	4	1	PHASE 1	LOADING DOCK AREA
E	8	1	PHASE 1	BLDG 1 - LOADING DOCK AREA
F	69	2	PHASE FUT.	BLDG 2
G	4	1	PHASE FUT.	BLDG 2 AND 3 - LOADING DOCK AREA
H	85	2	PHASE FUT.	BLDG 3
SUBTOTAL	118	6		
BUILDING 1 PHASE 1	118	6		
BUILDINGS 2 & 3				
PHASE FUTURE	158	5		
TOTAL	276	11		

SITE PLAN KEYED NOTES	
KEY	NOTE
01	8" TALL STEEL SITE SECURITY FENCE - SEE 2A104 FOR LOCATIONS OF STEEL SECURITY FENCE AND SECURITY FENCE WITH METAL PANELS
02	8" TALL TEMPORARY CHAINLINK SITE SECURITY FENCE (TO BE REMOVED)
03	CONCRETE SIDEWALK - REFER TO CIVIL
04	ASPHALT PAVING - REFER TO CIVIL
05	DUMPSTER ENCLOSURE TO COMPLY WITH MESA SOLID WASTE STANDARDS M-62.01-M-62.04.2
06	LOADING DOCK
07	8" TALL, 20' CLEAR STEEL SWING GATE W/ KNOX ACCESS SYSTEM
08	ALTERNATE SURFACE PAVING - REFER TO CIVIL
09	ALTERNATE SURFACE (DG) DRIVE - TO BLEND WITH ADJACENT LANDSCAPE. REF. CIVIL
10	UTILITY TRANSMISSION EASEMENT - REFER TO CIVIL
11	STRUCTURAL CONCRETE EQUIPMENT PAD - REFER TO STRUCTURAL
12	ELECTRICAL EQUIPMENT, TYP. SEE ELECTRICAL
13	DRAINAGE BASIN
14	ADA ACCESSIBLE PARKING
15	ACCESSIBLE PARKING SIGN
16	PEDESTRIAN ENTRY/EXIT
17	CARD READER/INTERCOM
18	SECURITY BOOTHS
19	PRIMARY SITE ENTRANCE
20	REFLECTION LANE AND EXIT
21	EMERGENCY ACCESS
22	COMMON OPEN SPACE/AMENITY - REFER TO LANDSCAPE ARCHITECTURE
23	FOUNDATION BASE
24	6" FLAT-TOP SPEED HUMP WITH ALTERNATE PAVING. SEE L1.0.

LOT COVERAGE CALCULATION	
SITE AREA:	4,053,082 S.F.
OPEN SPACE:	1,198,680 S.F.
SITE AREA - OPEN SPACE = TOTAL / SITE AREA = % LOT COVERAGE	
4,053,082 - 1,198,680 = 2,854,402 / 4,053,082 = 70.4% LOT COVERAGE	

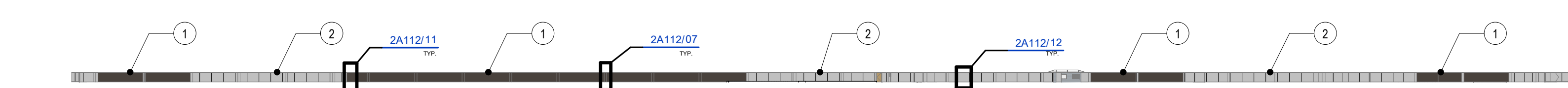


1 SITE PLAN
1" = 80'-0"

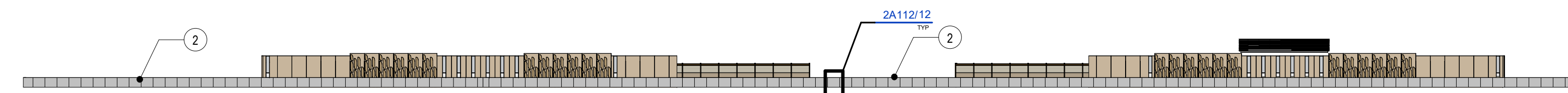


SITE WALLS AND FENCE PLAN KEYED NOTES	
KEY	NOTE
01	8' TALL STEEL SITE SECURITY FENCE WITH METAL PANEL - FENCE FOLLOWING THE GRADE - SEE 112A112 TYP.
02	8' TALL STEEL SITE SECURITY FENCE - FENCE FOLLOWING THE GRADE - SEE 122A112 TYP.
03	8' TALL TEMPORARY CHAIN LINK SITE SECURITY FENCE - FENCE FOLLOWING THE GRADE
04	CMU SUBSTATION
05	PEDESTRIAN WALKWAY PATHWAY
06	8' FLAT-TOP SPEED HUMP ALTERNATE COLOR AND TEXTURE CONCRETE, SEE L1.0.

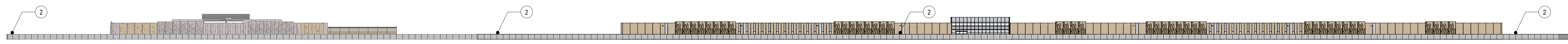
ARCHITECTURAL SITE WALLS, FENCES AND PATHWAYS	
	PEDESTRIAN WALKWAY
	STEEL SECURITY FENCE
	CHAIN-LINK FENCE
	STEEL FENCE WITH METAL PANELS



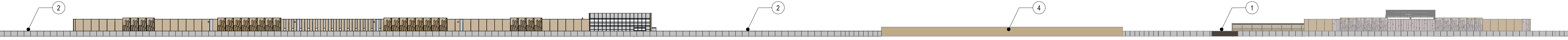
02 FENCE ELEVATION - WEST
1" = 80'-0"



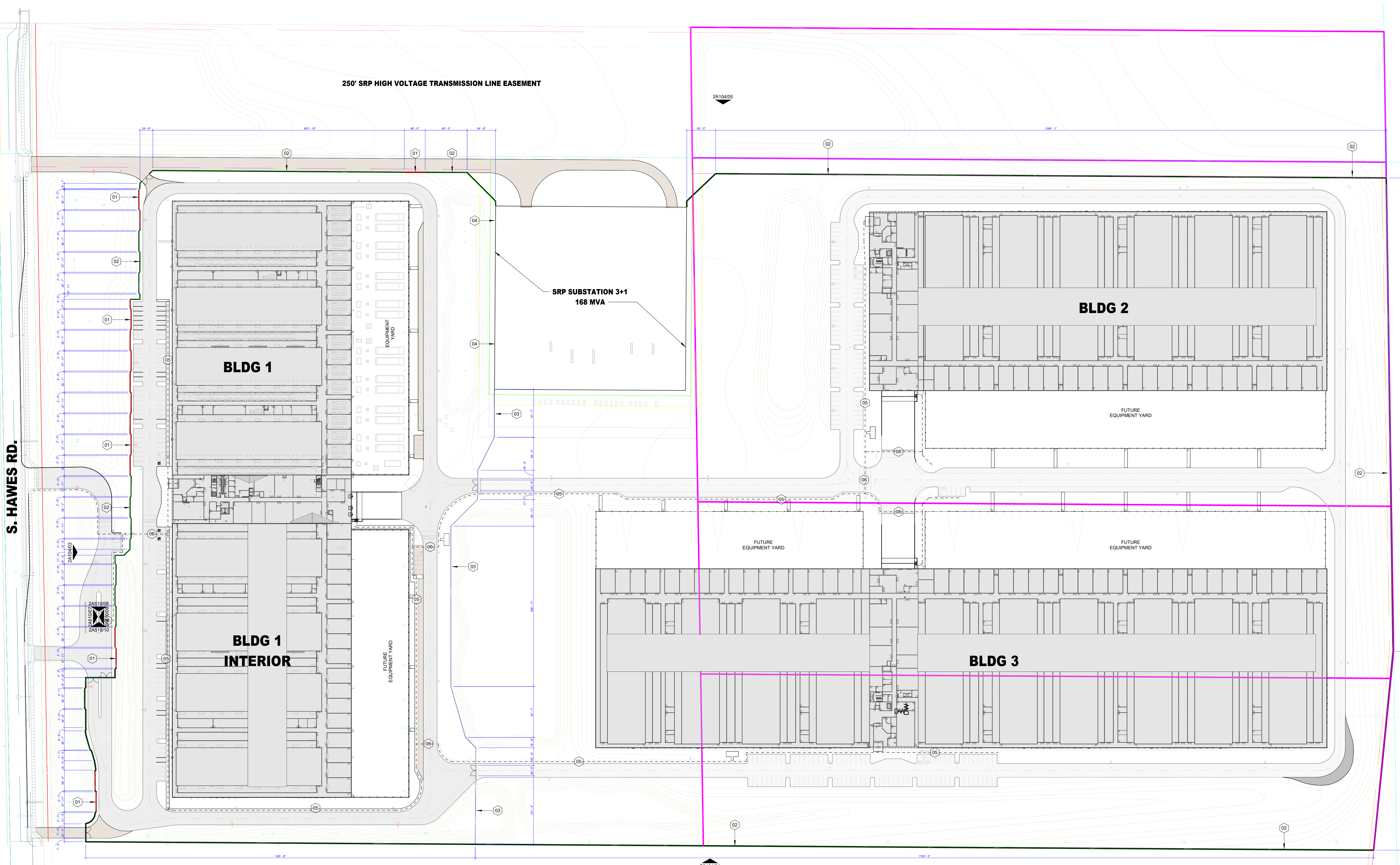
03 FENCE ELEVATION - EAST
1" = 80'-0"



04 FENCE ELEVATION - SOUTH
1" = 80'-0"



05 FENCE ELEVATION - NORTH
1" = 80'-0"



01 SITE PLAN - WALLS AND FENCES
1" = 80'-0"



MEEP ENGINEERS
10400 RODGERS ROAD | HOUSTON, TX 77070
281.374.8844



CONSULTING ARCHITECTS
3131 E CAMELBACK RD, SUITE 400 | PHOENIX, AZ 85016
602.218.3825



CONSULTING STRUCTURAL ENGINEERS
1215 S RIO SALADO PKWY, SUITE #200 | TEMPE, AZ 85281
480.774.1700



CONSULTING CIVIL ENGINEERS
1201 S ALMA SCHOOL ROAD, SUITE 12000 | MESA, AZ 85210
480.952.3313



EDGECONNEX PHXII

ADDRESS
MESA, ARIZONA

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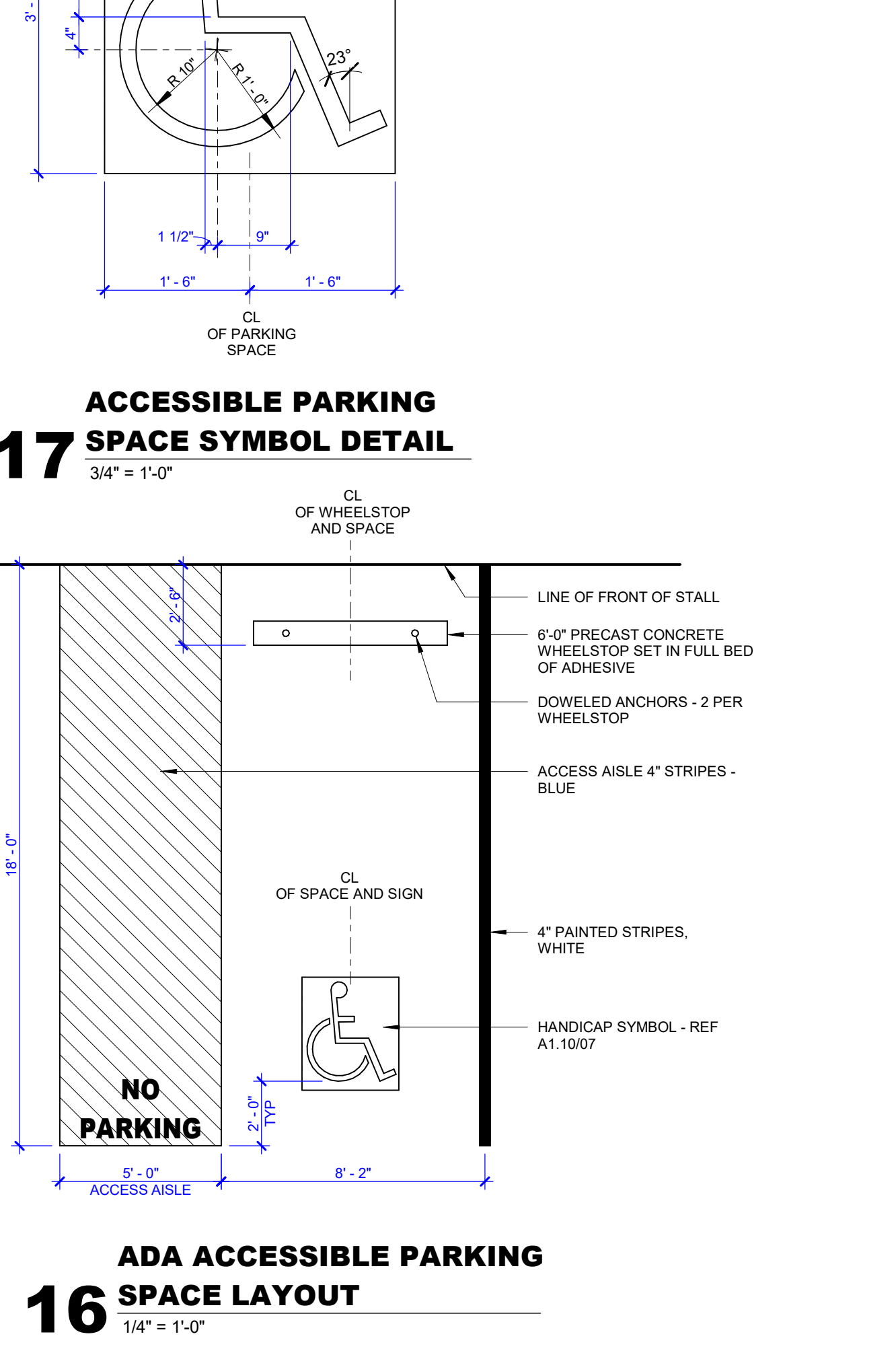
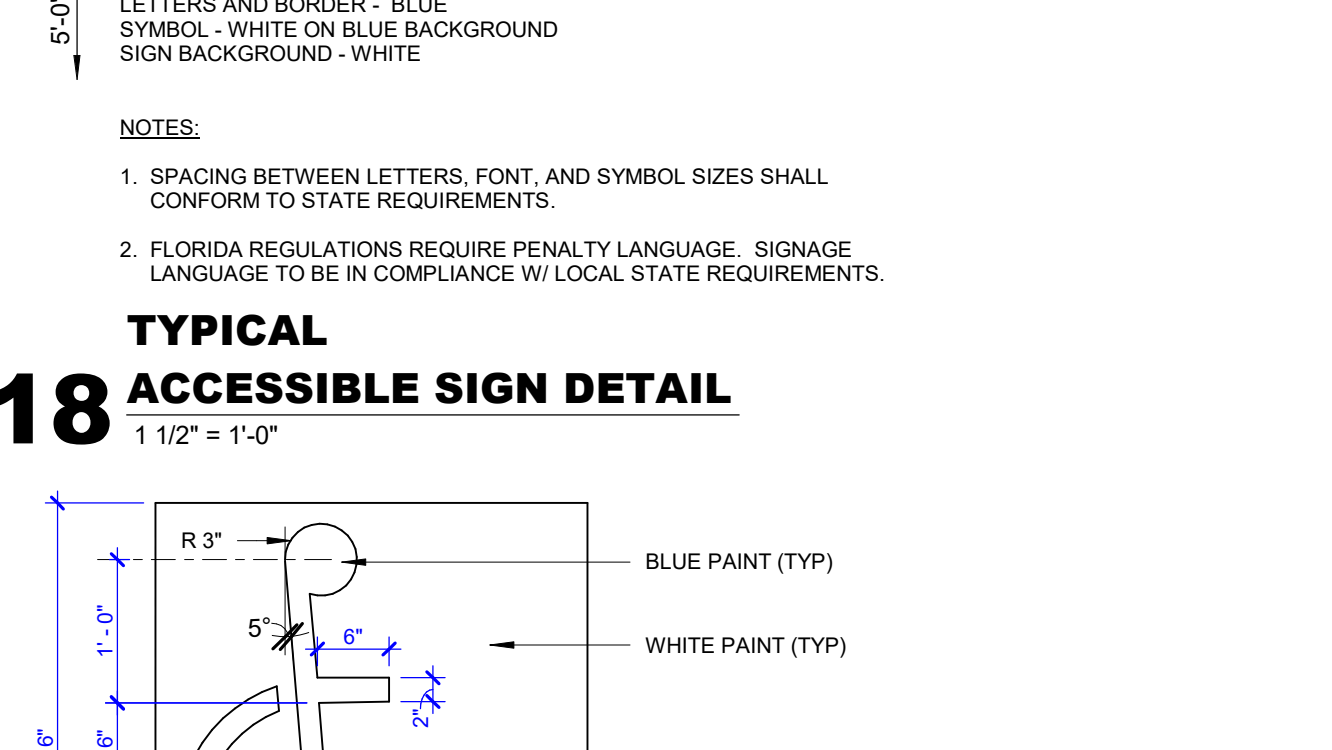
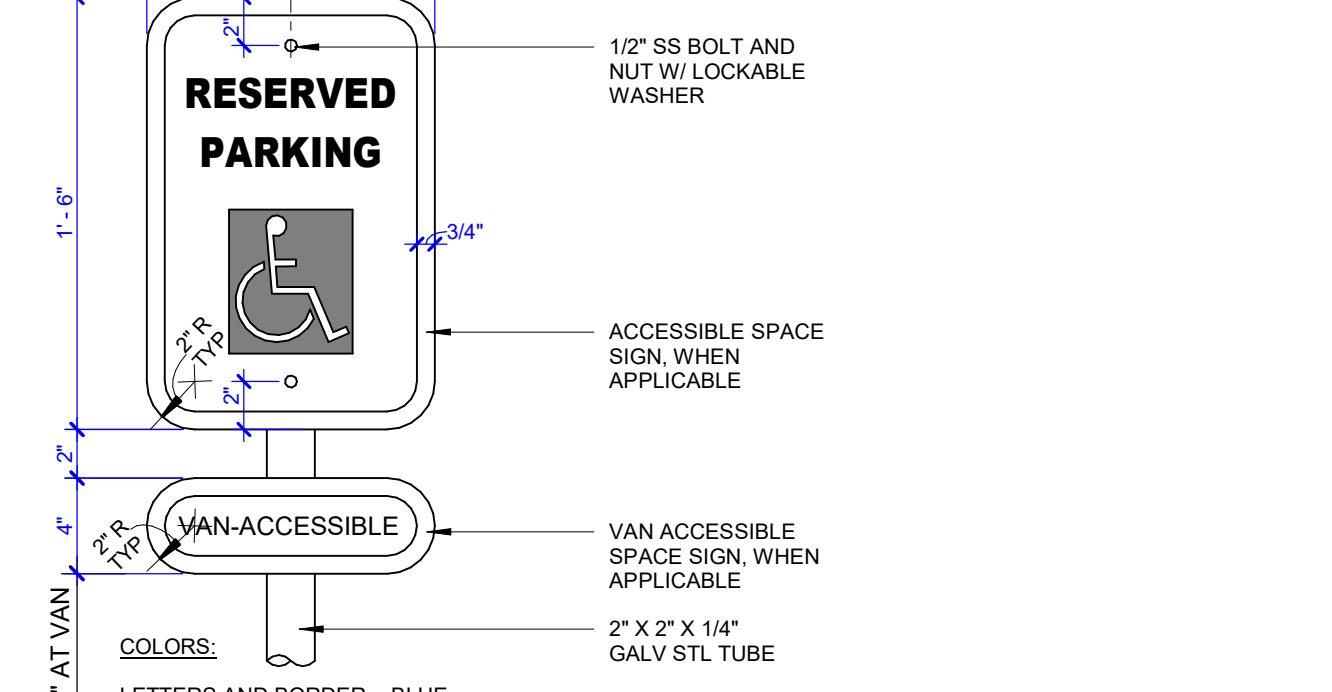
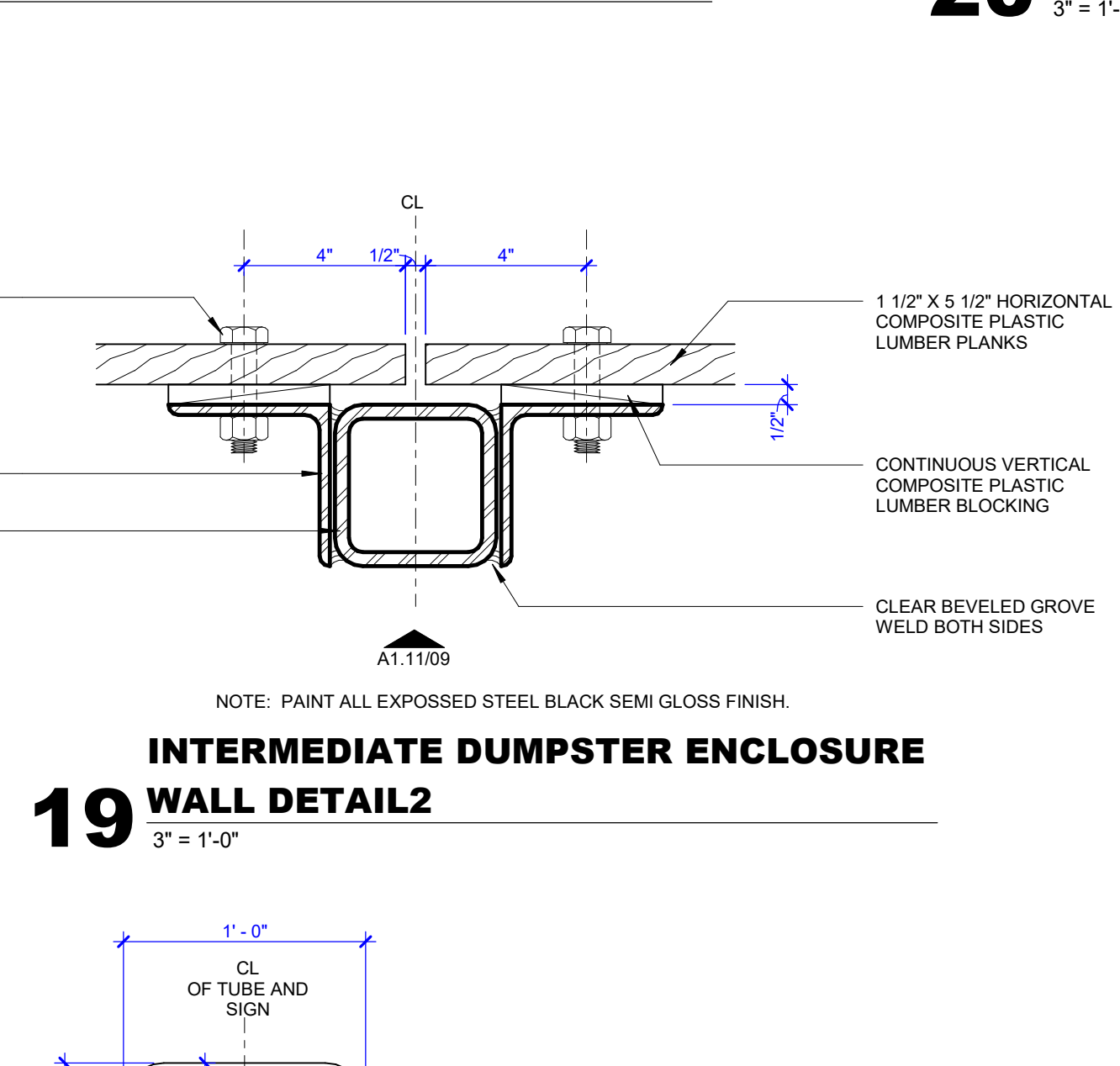
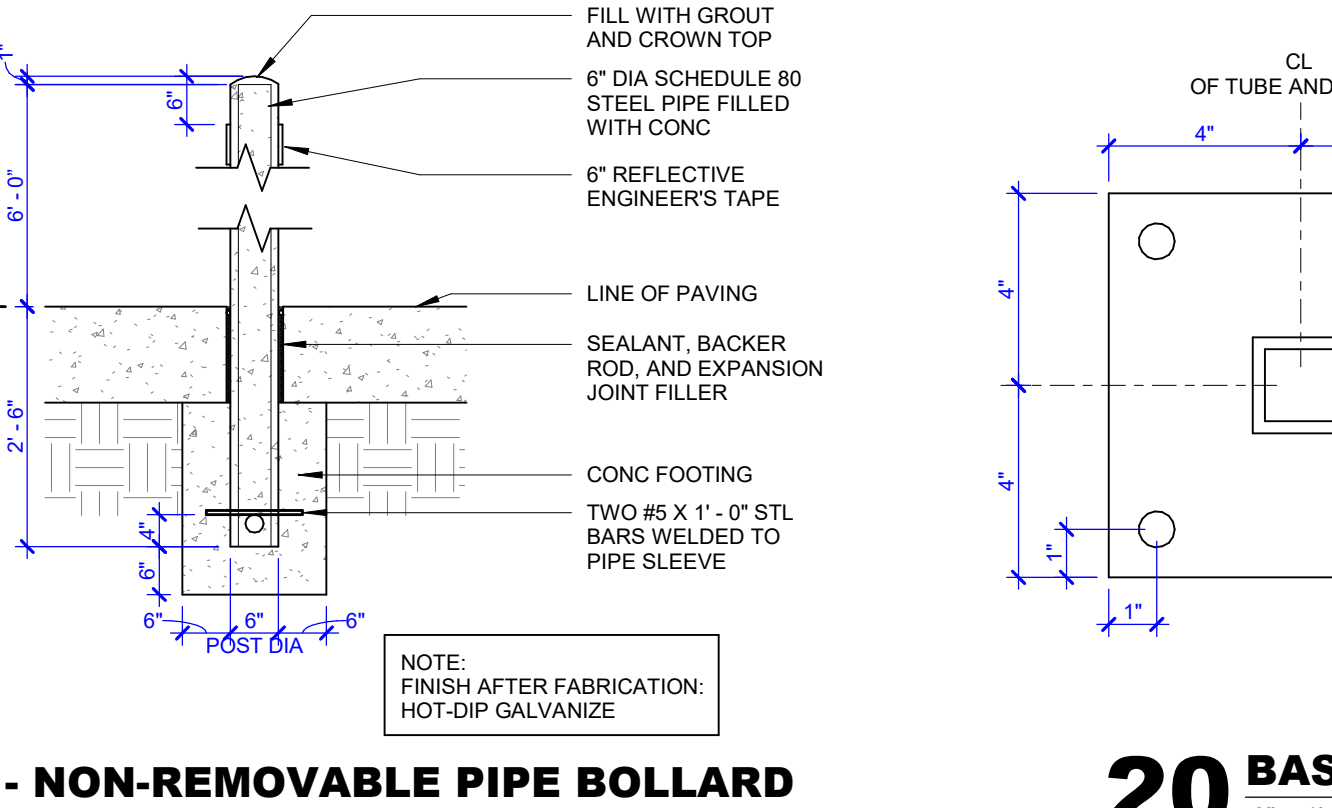
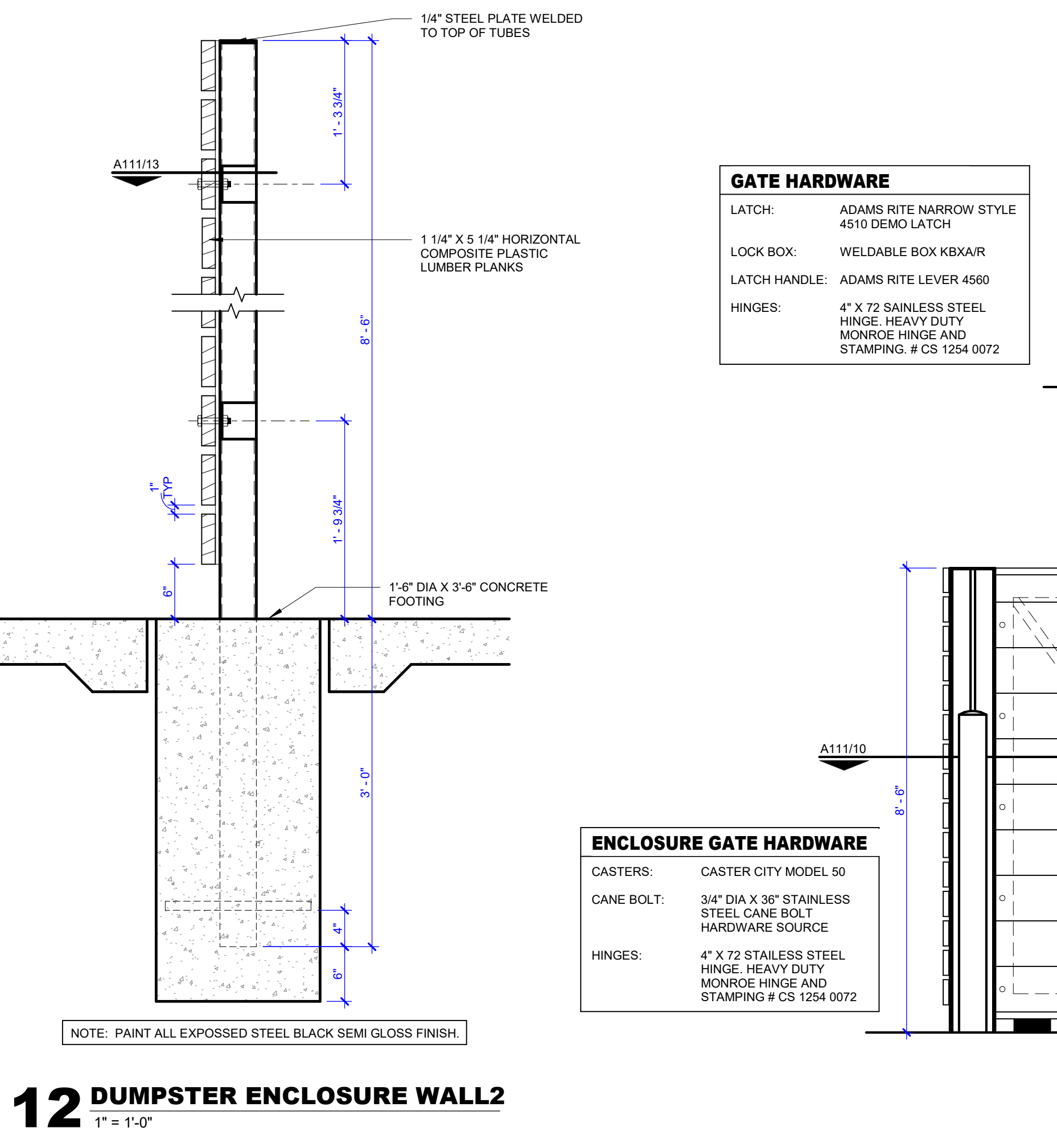
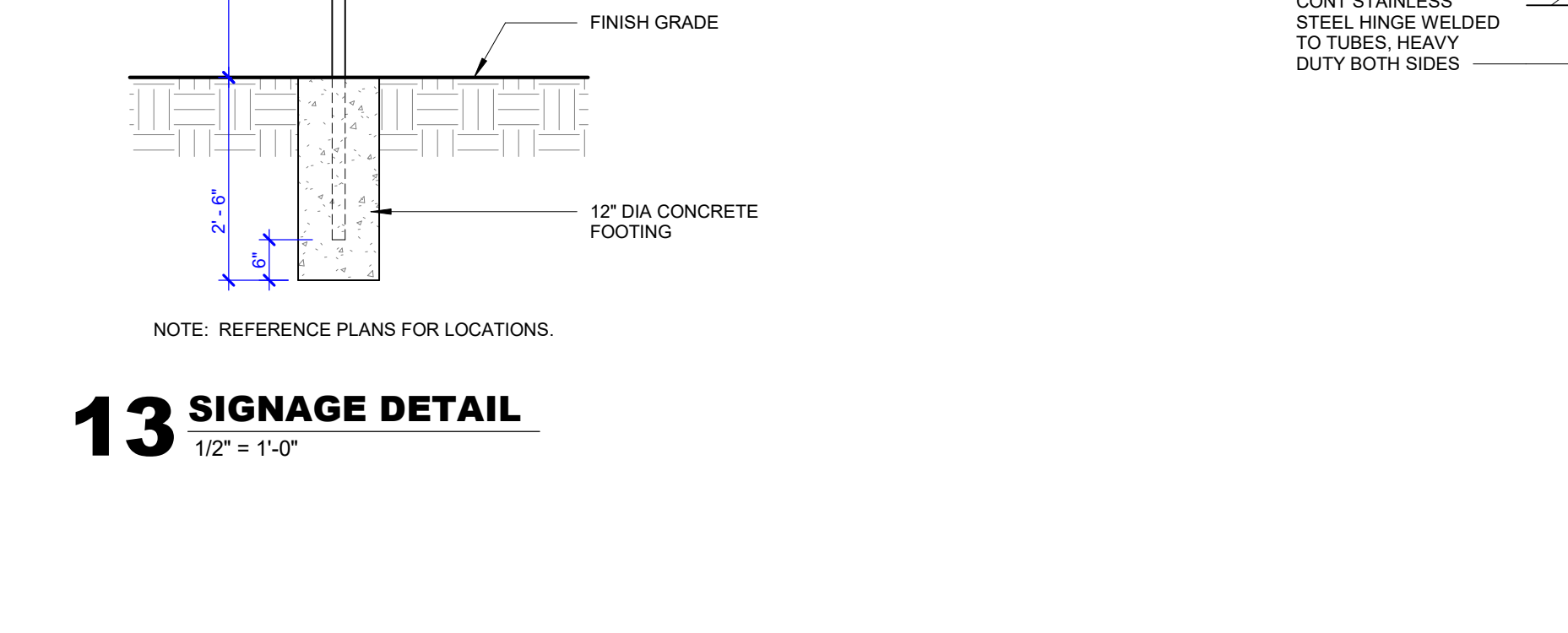
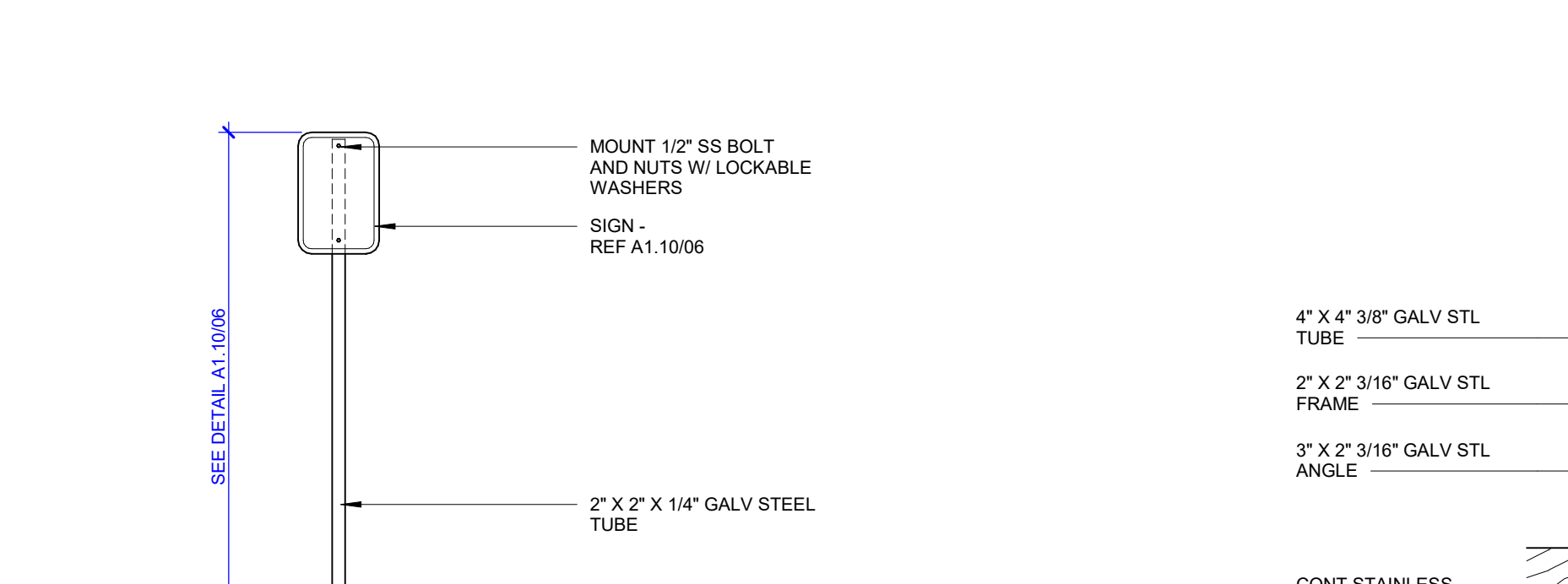
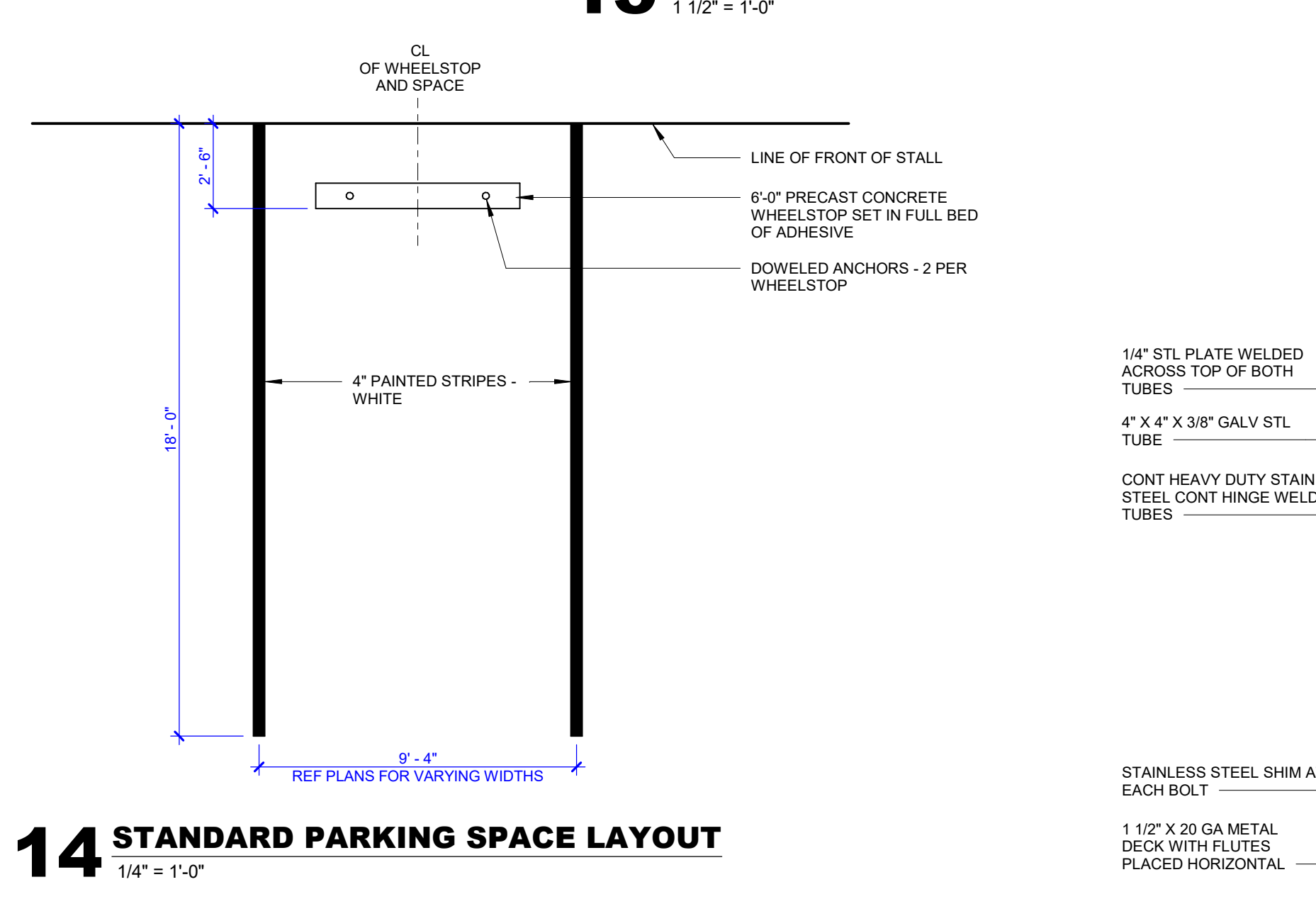
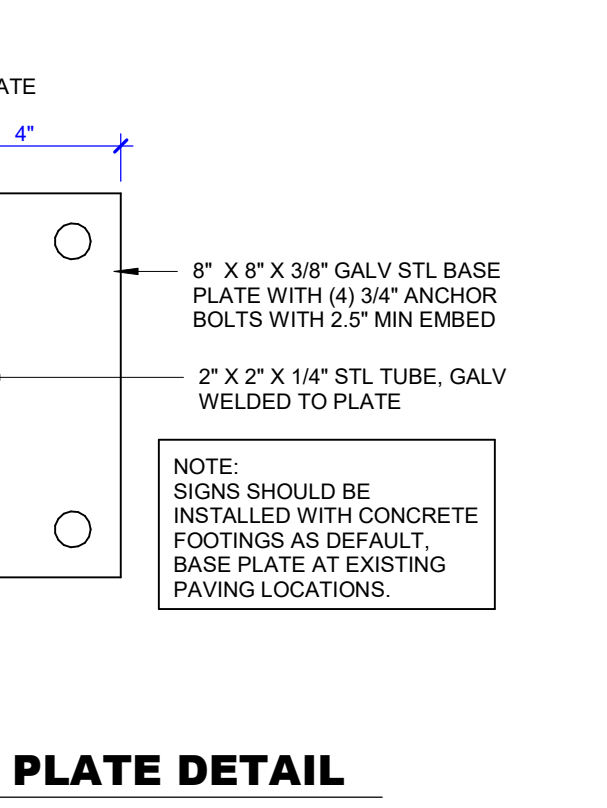
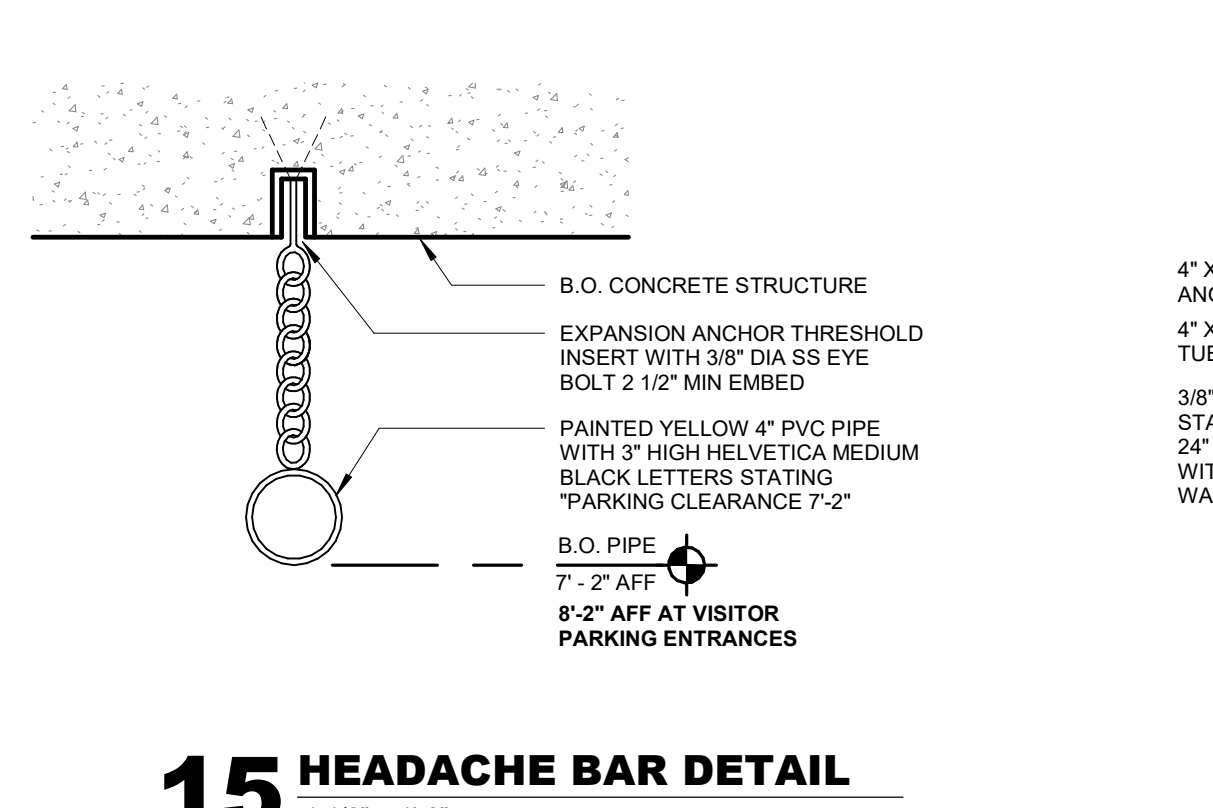
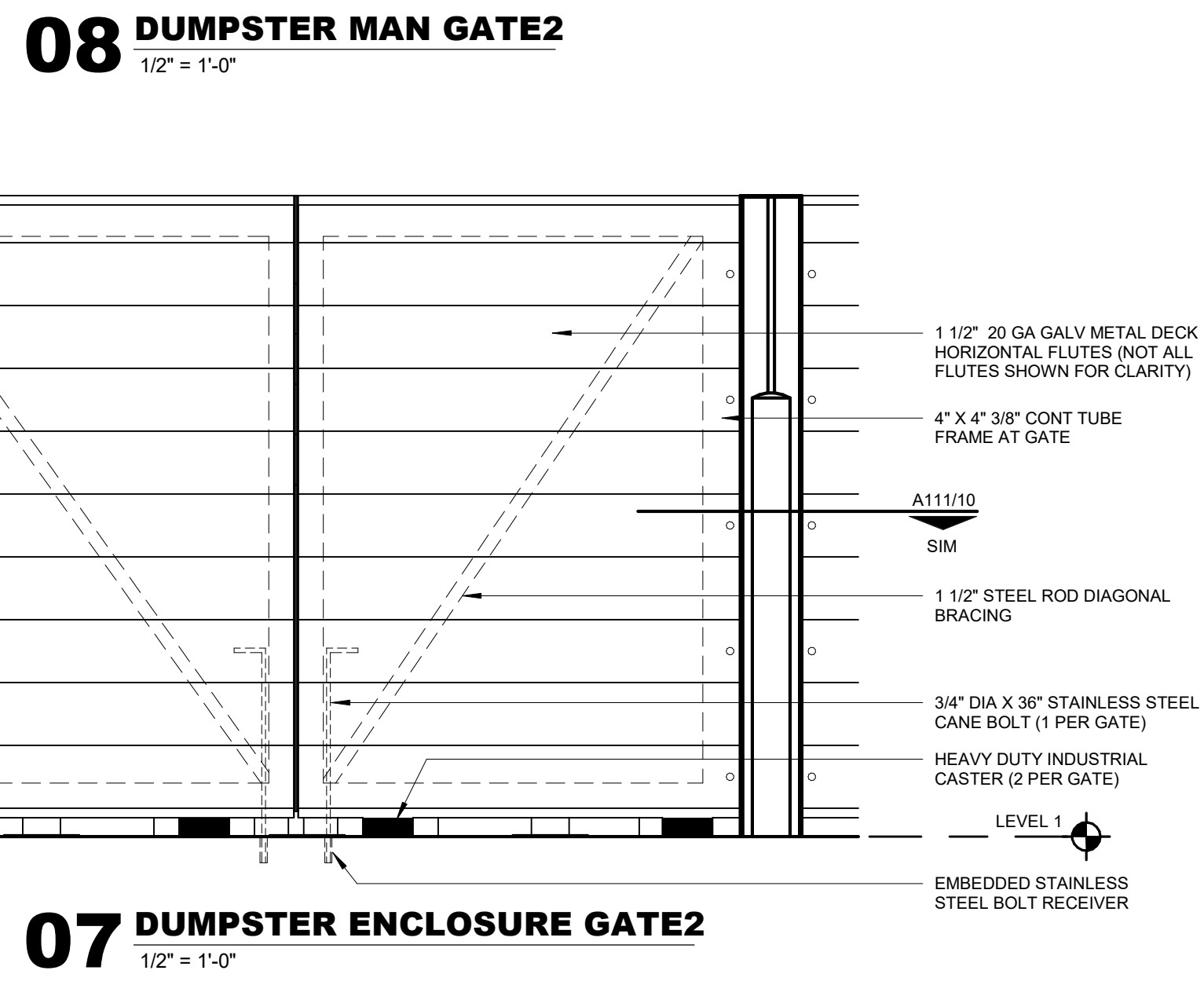
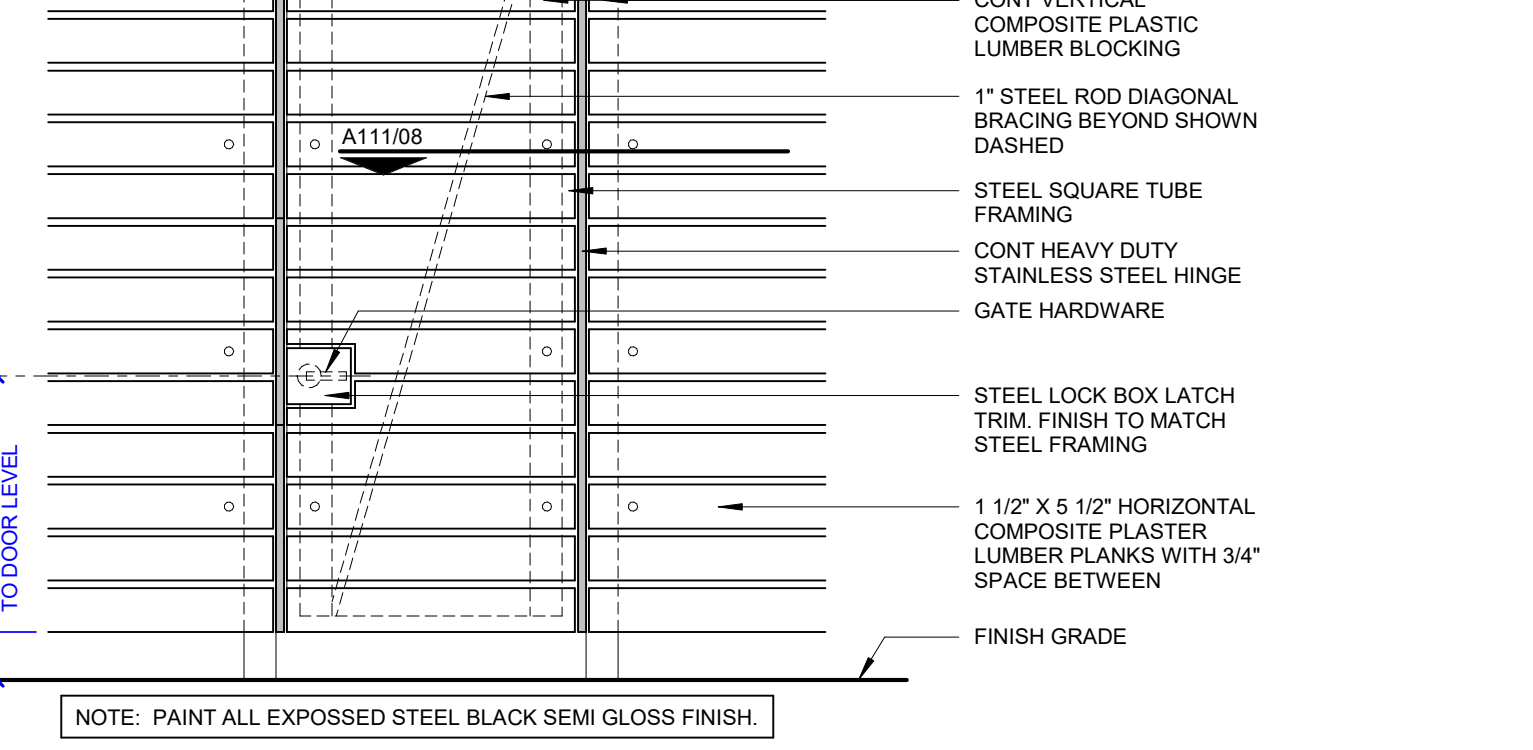
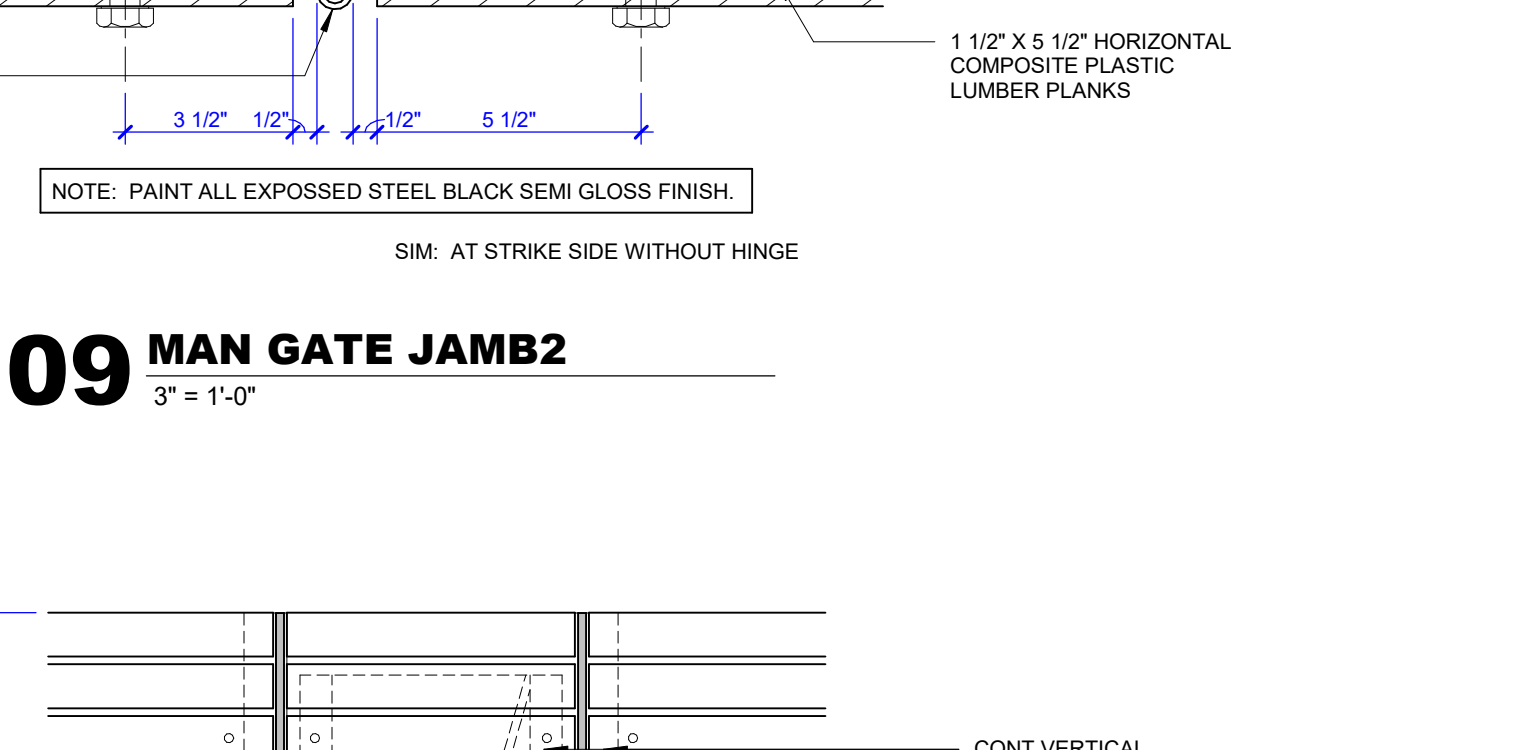
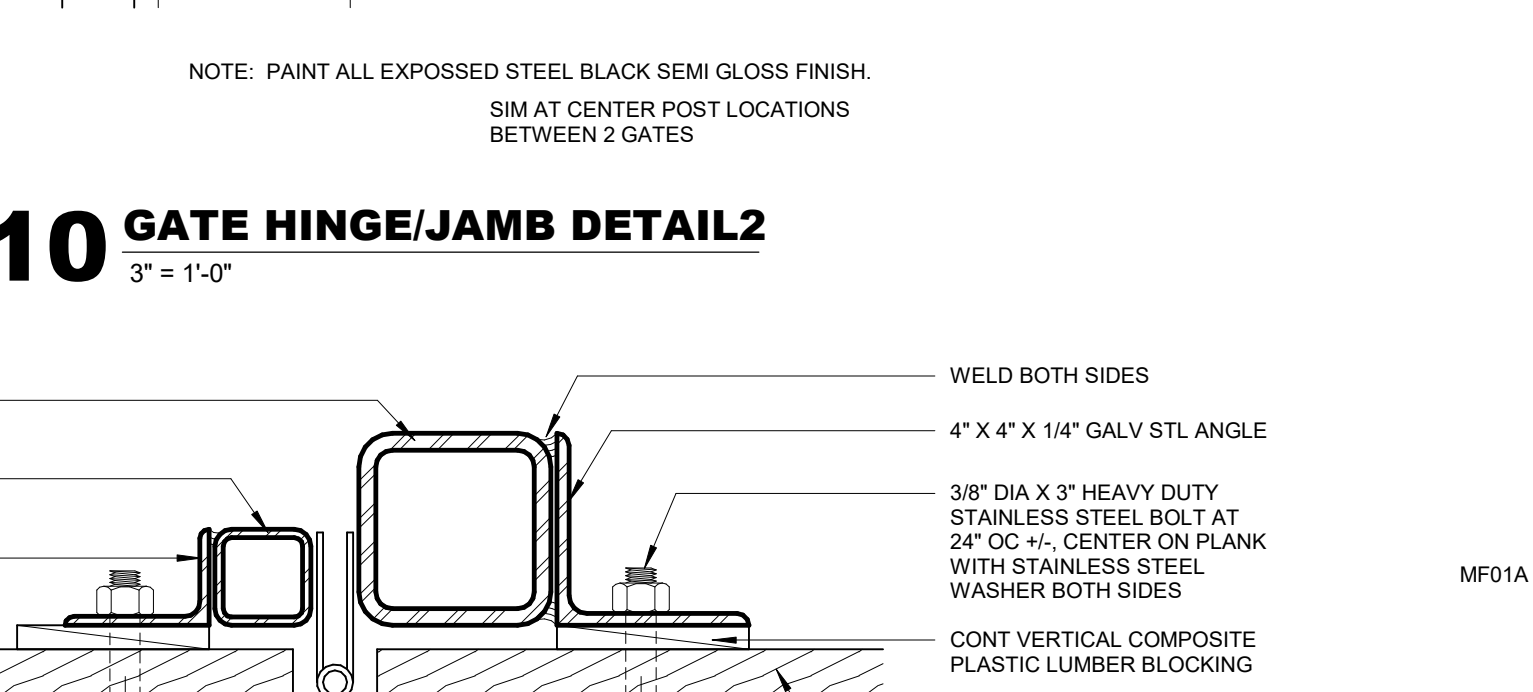
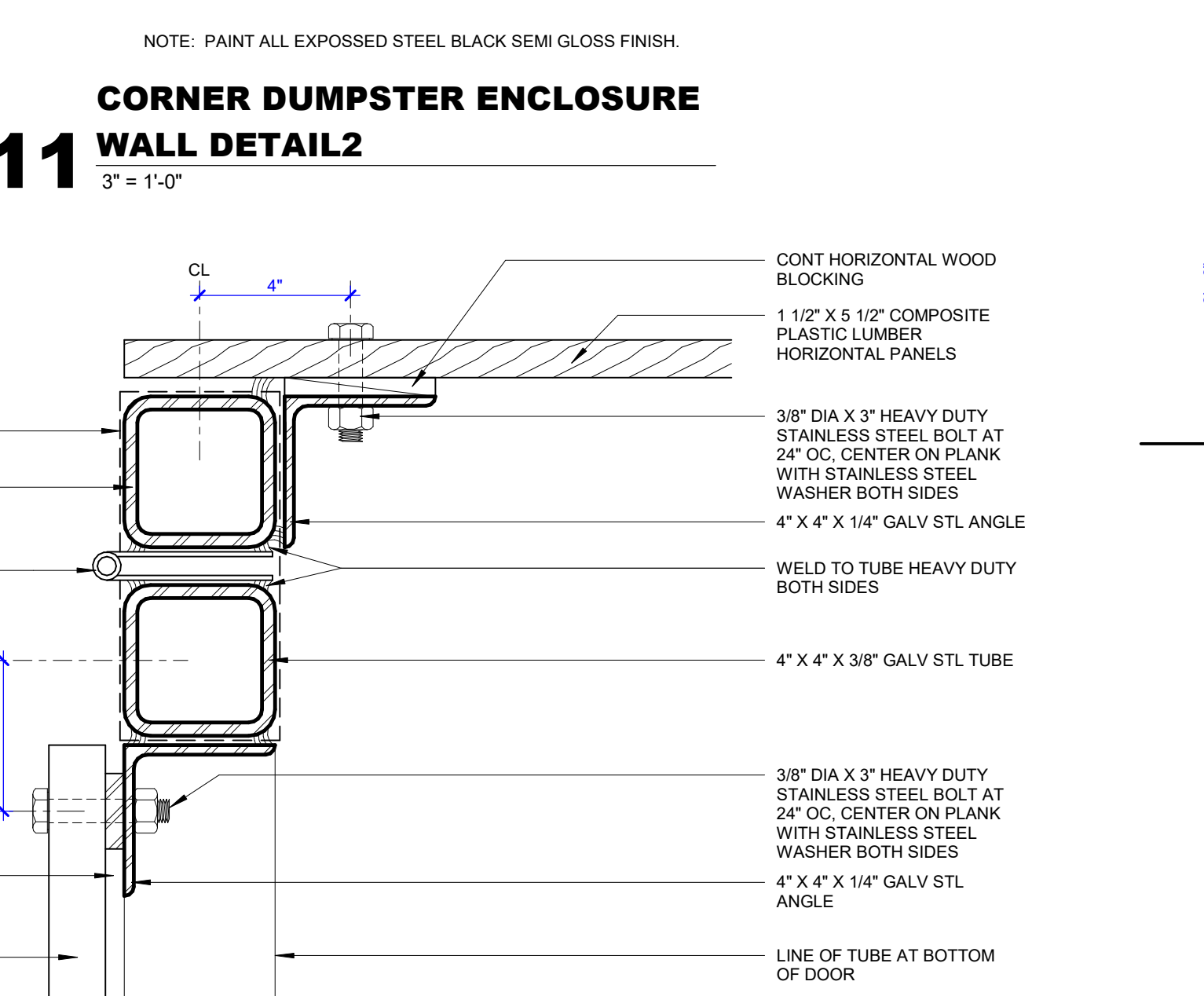
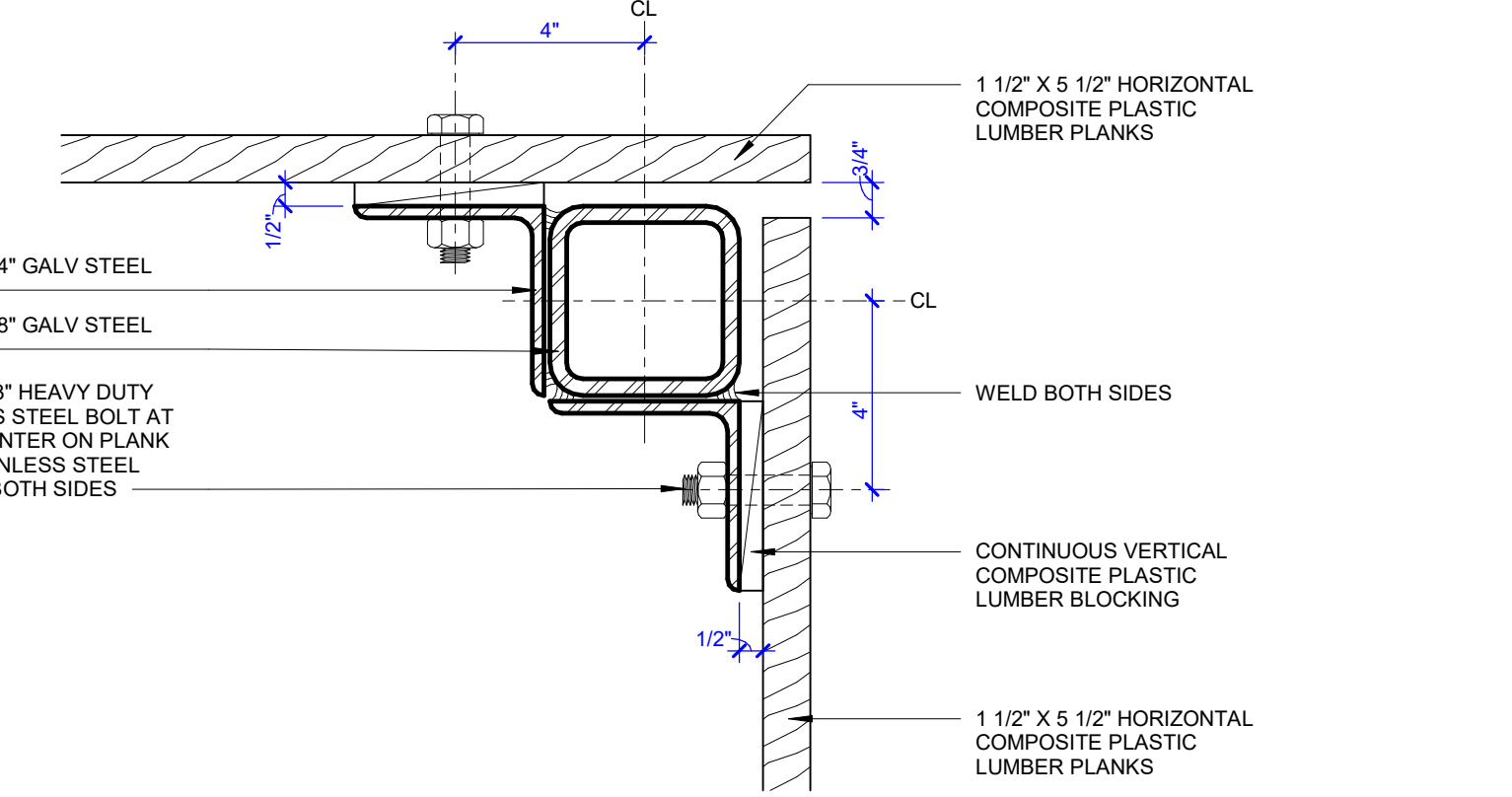
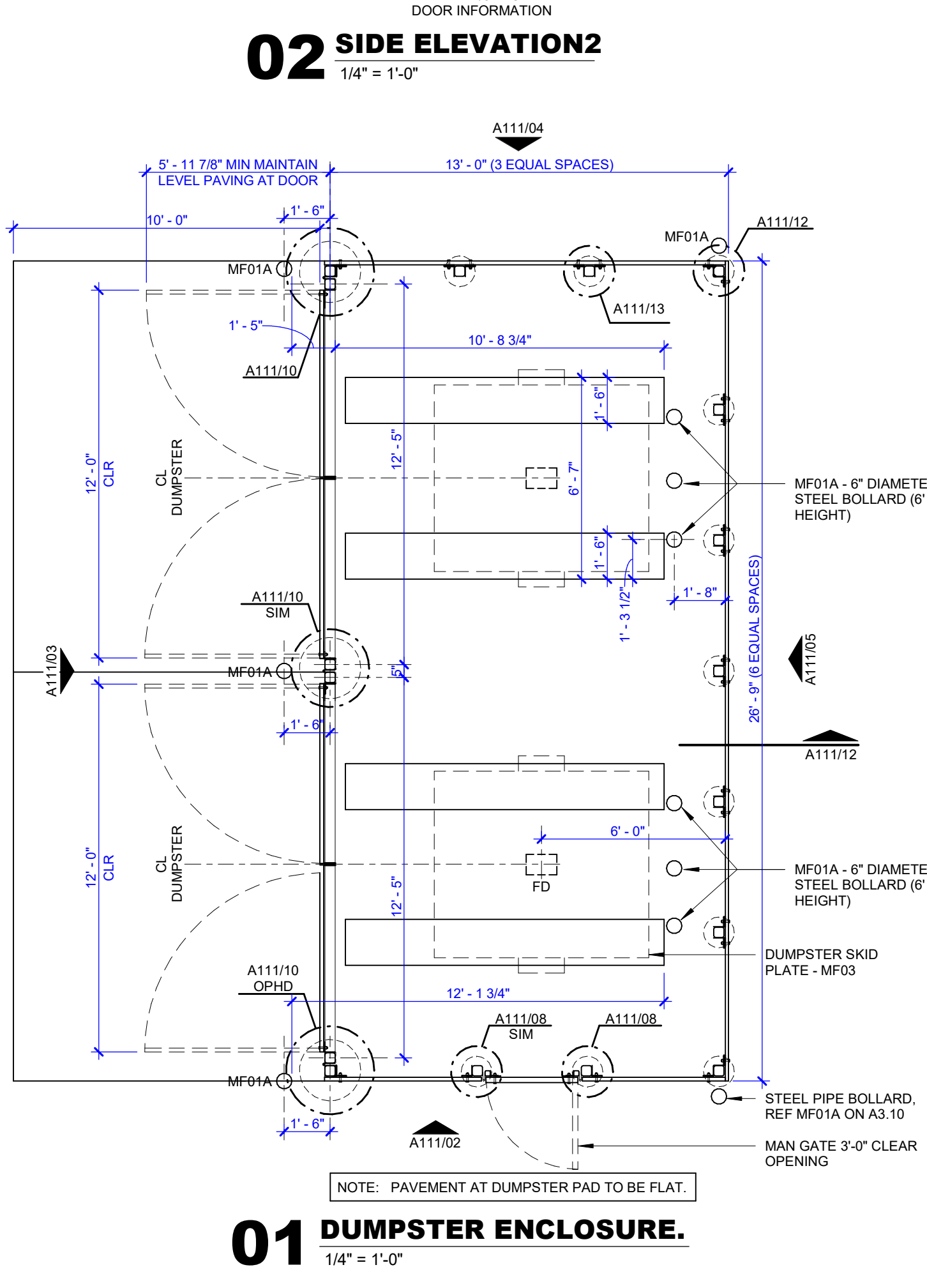
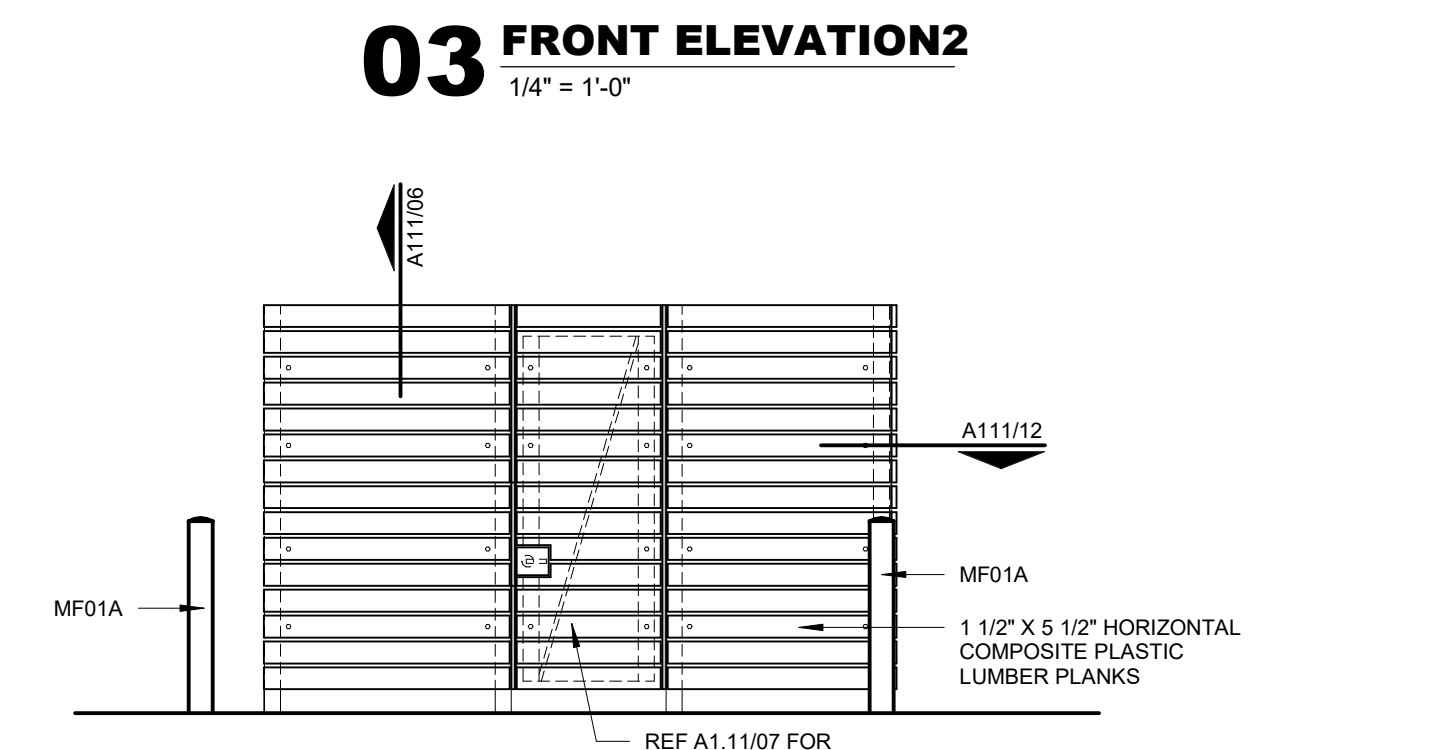
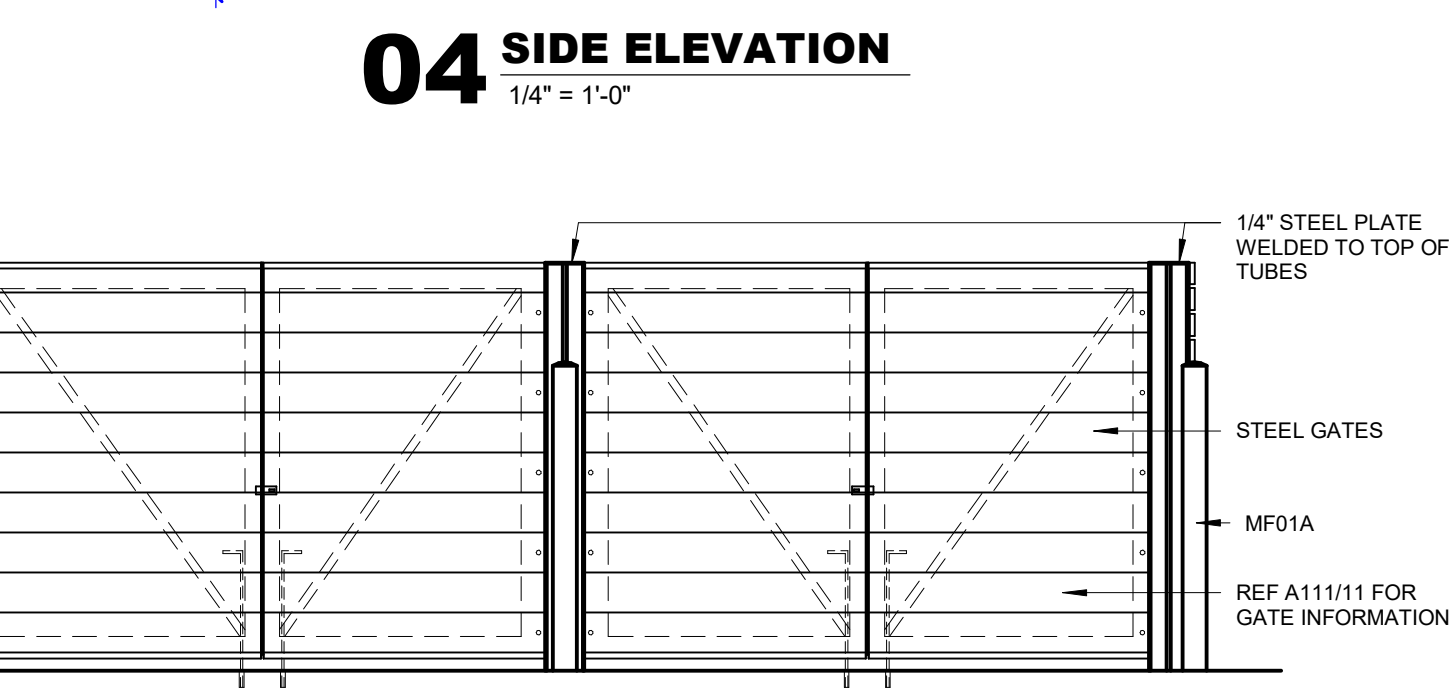
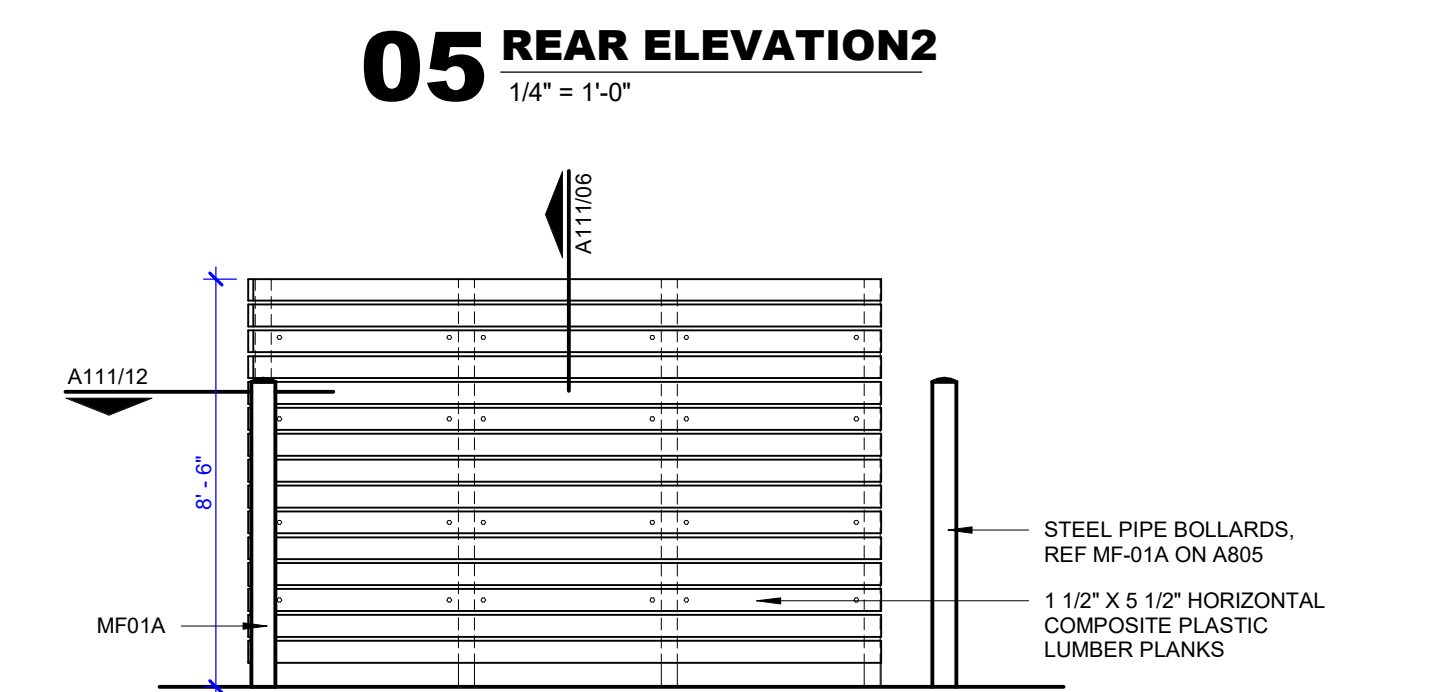
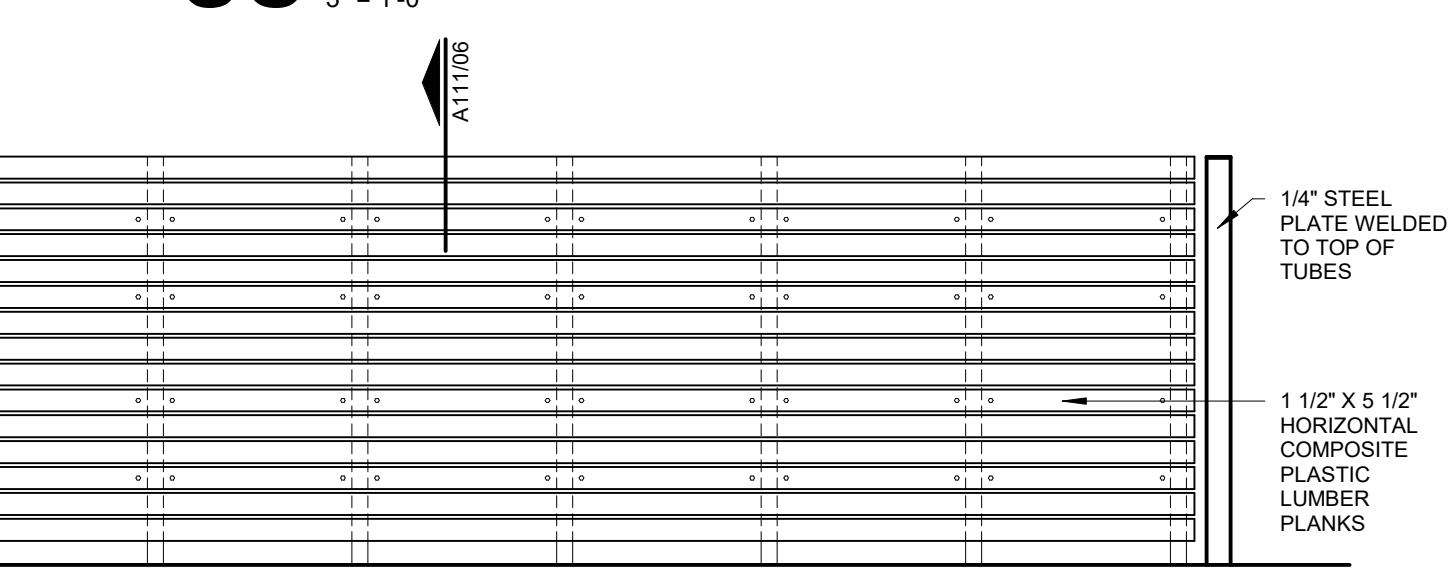
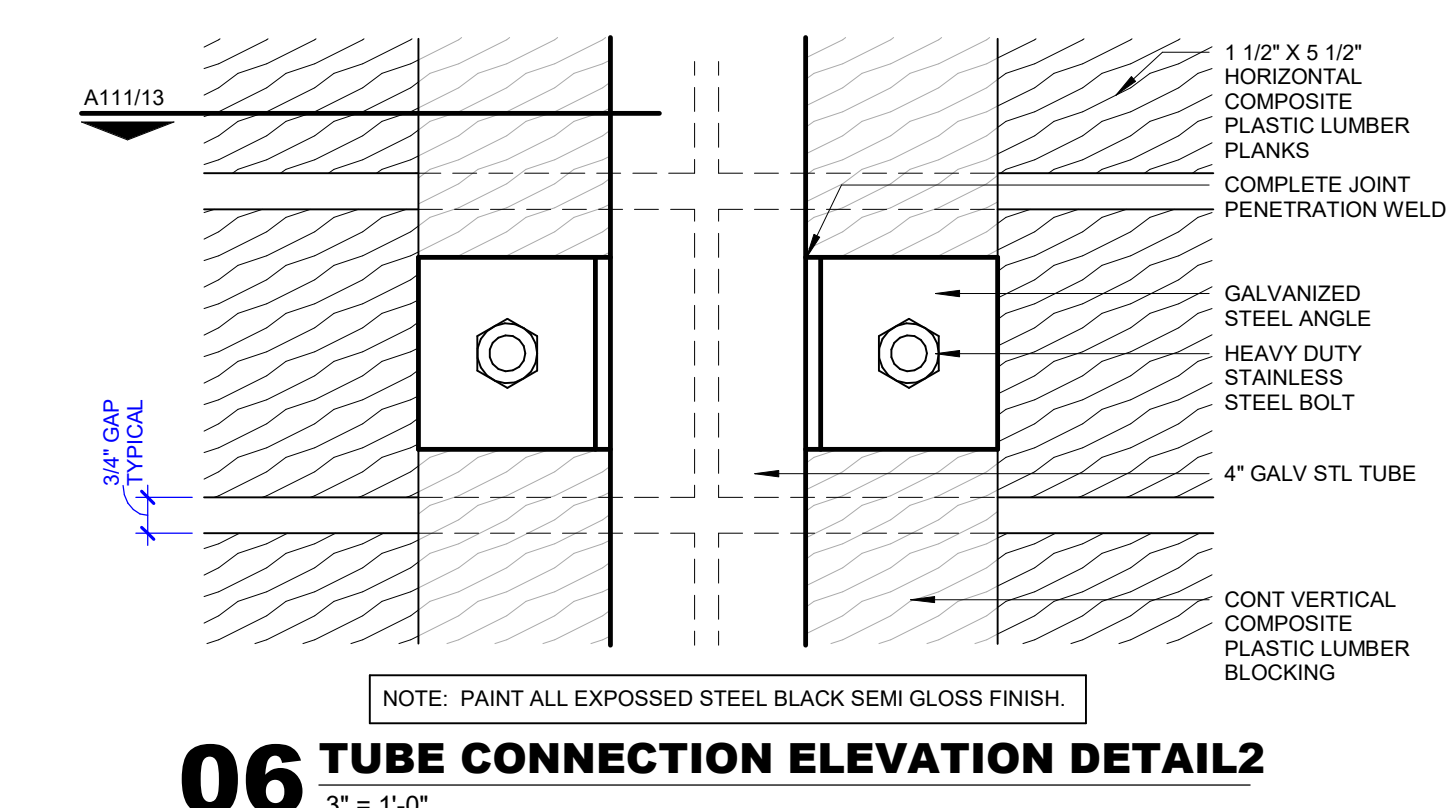
SHEET NO.
2A104

PROPRIETARY. NOT FOR DISCLOSURE OR USE WITHOUT THE WRITTEN CONSENT OF BURR COMPUTER ENVIRONMENTS, INC.

ISSUES & REVISIONS

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SITE DETAILS



GATE HARDWARE

- LATCH: ADAMS RITE NARROW STYLE 4510/5600 LATCH
- LOCK BOX: WELDABLE BOX KEBAR
- LATCH HANDLE: ADAMS RITE LEVER 4560
- HINGES: 4\"/>

ENCLOSURE GATE HARDWARE

- CASTERS: CASTER CITY MODEL 50
- CANE BOLT: 3/4\"/>

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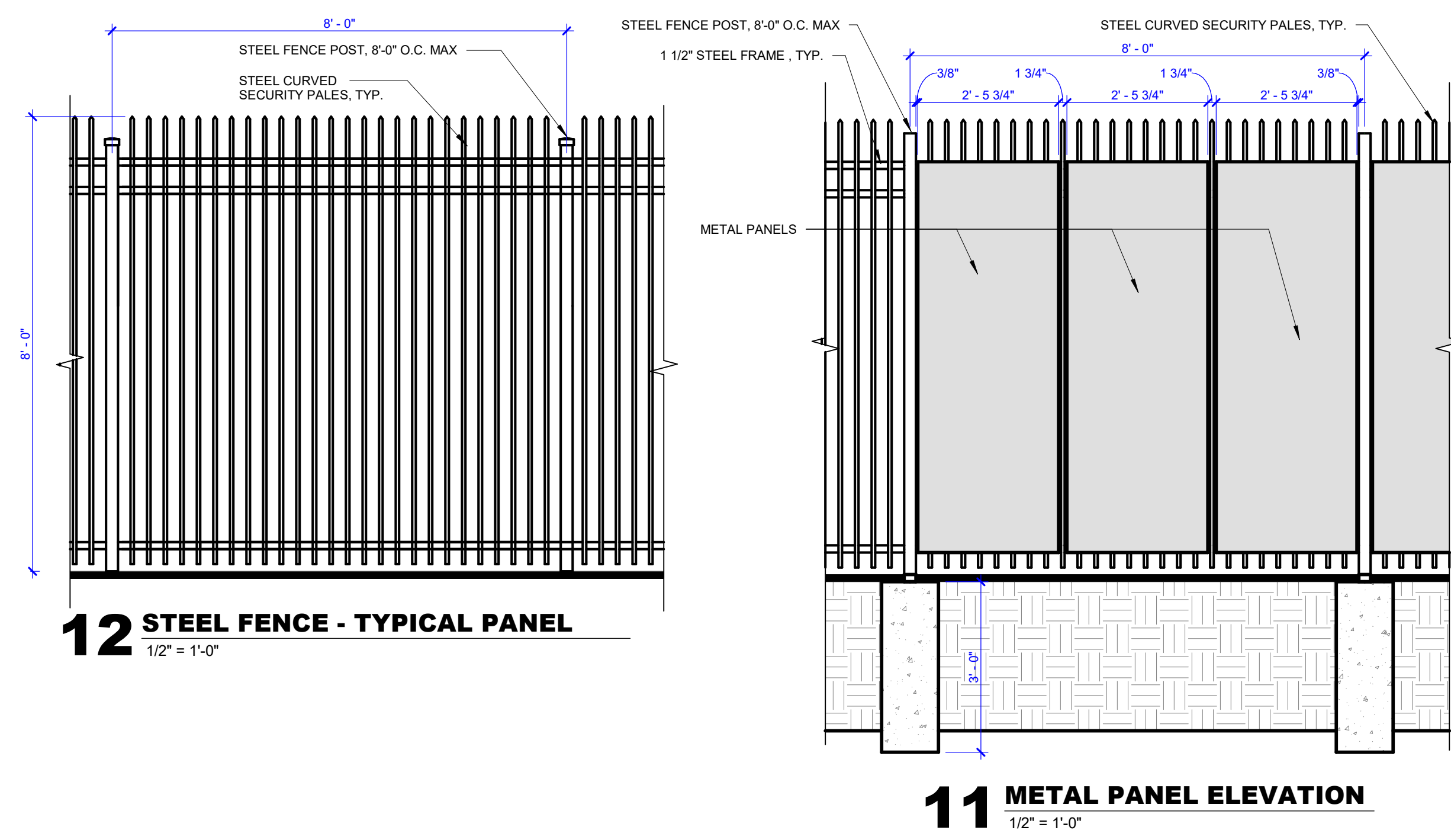
SEAL
NOT FOR CONSTRUCTION

SITE DETAILS

DRAWN: Author
REVIEWED: Checker
PROJECT NO: 24695.009

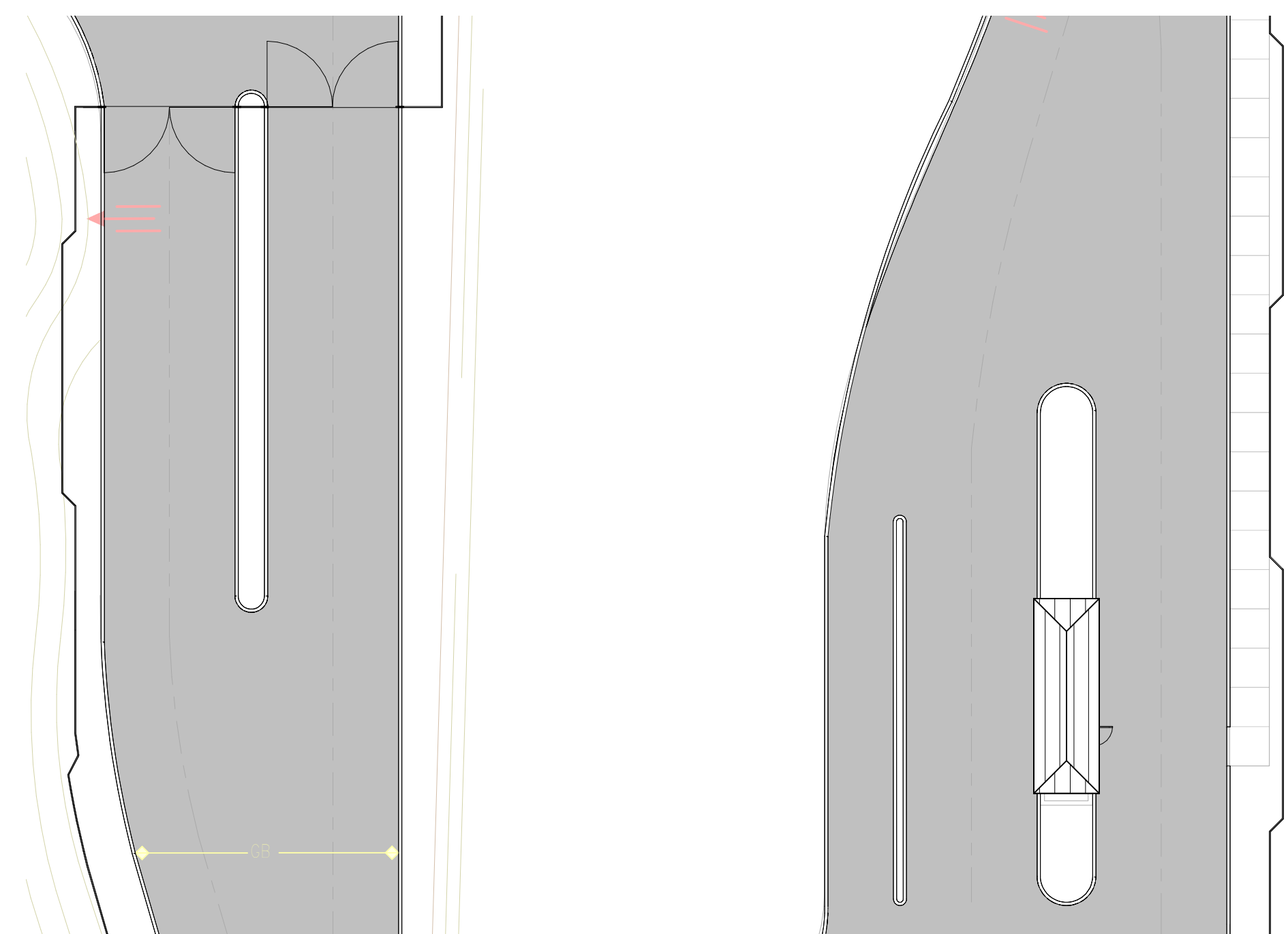
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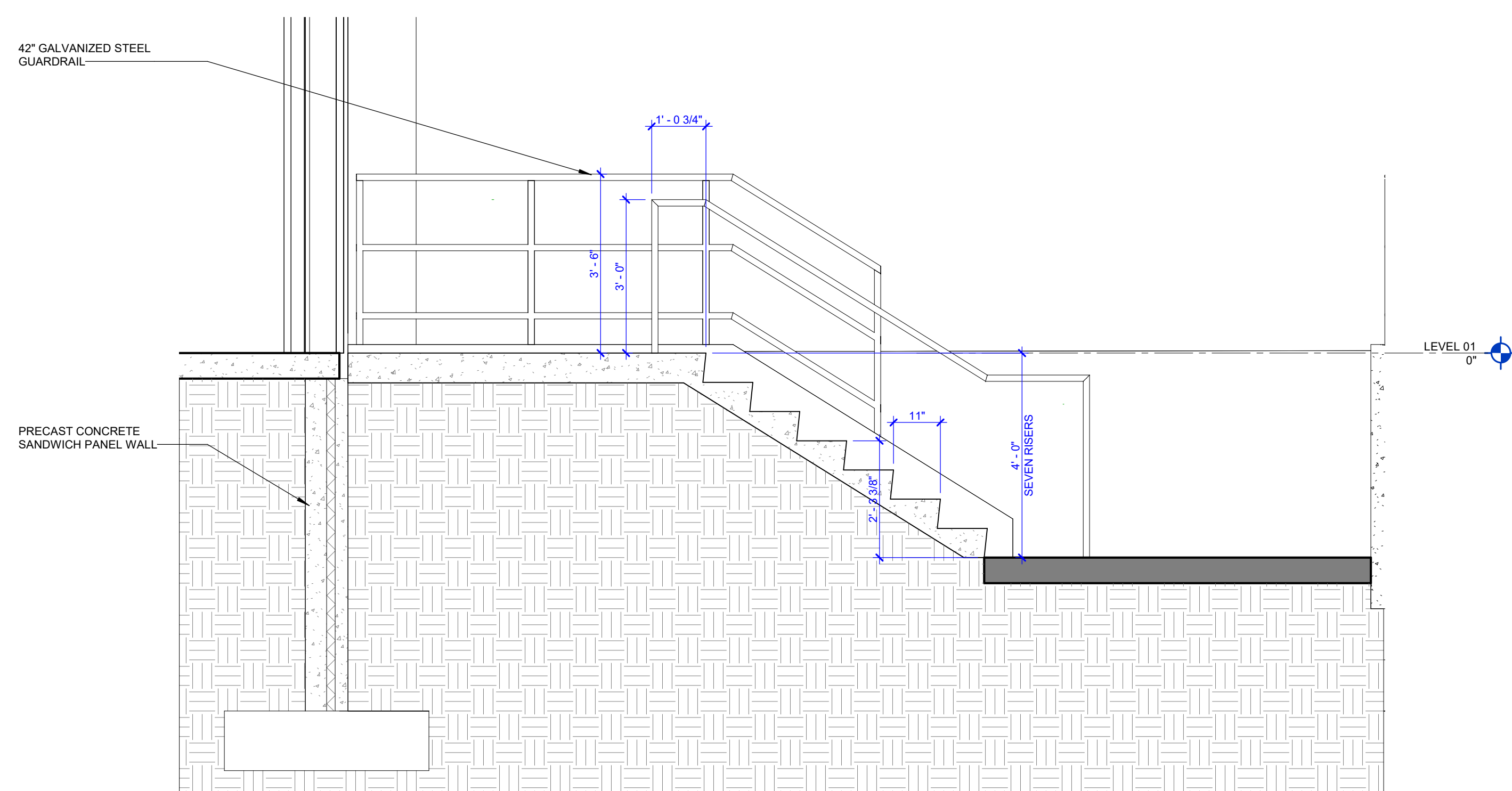
12 STEEL FENCE - TYPICAL PANEL
1/2" = 1'-0"

11 METAL PANEL ELEVATION
1/2" = 1'-0"

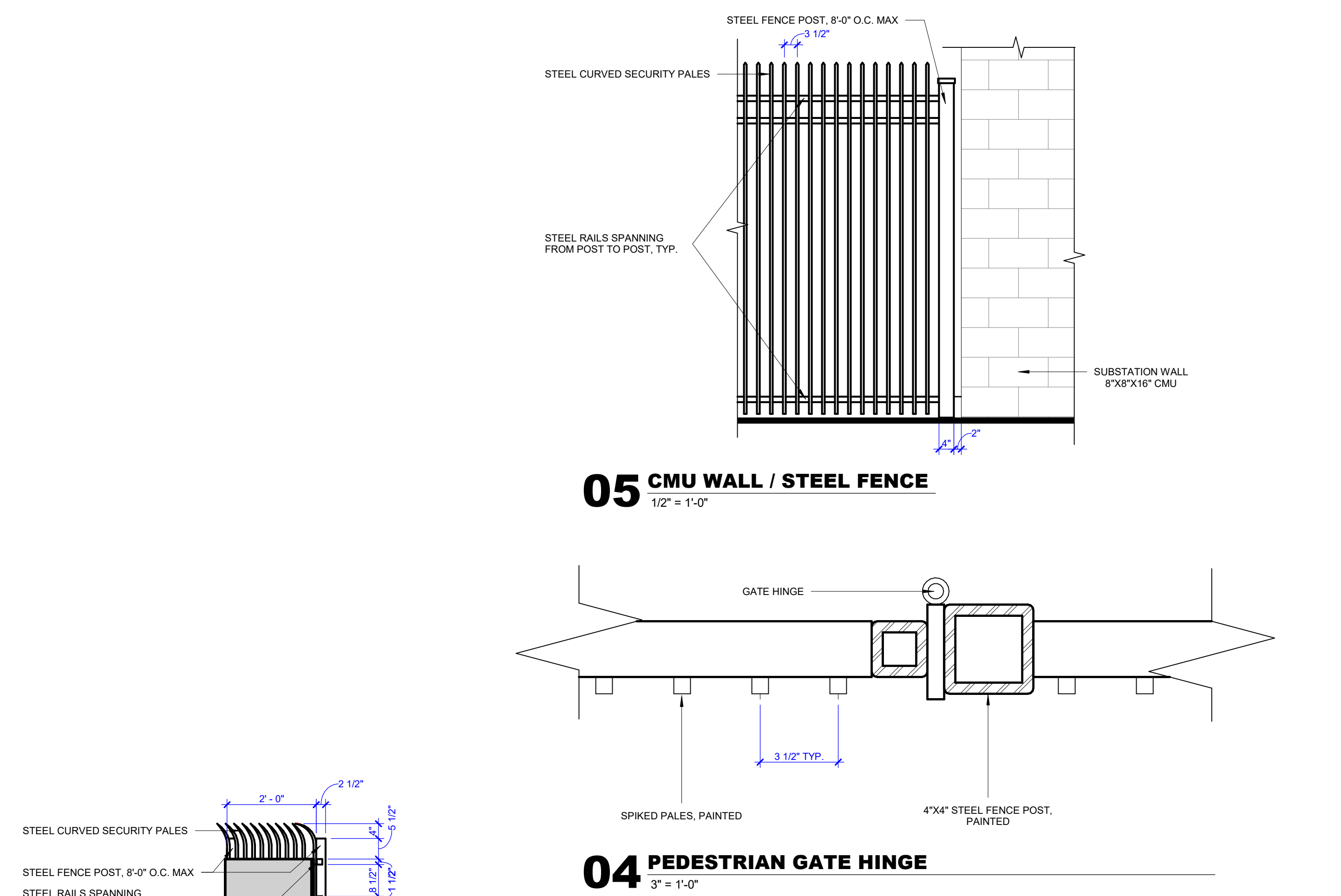


10 PRIMARY SITE ENTRANCE
1" = 20'-0"

09 SECURITY BOOTH
1" = 20'-0"

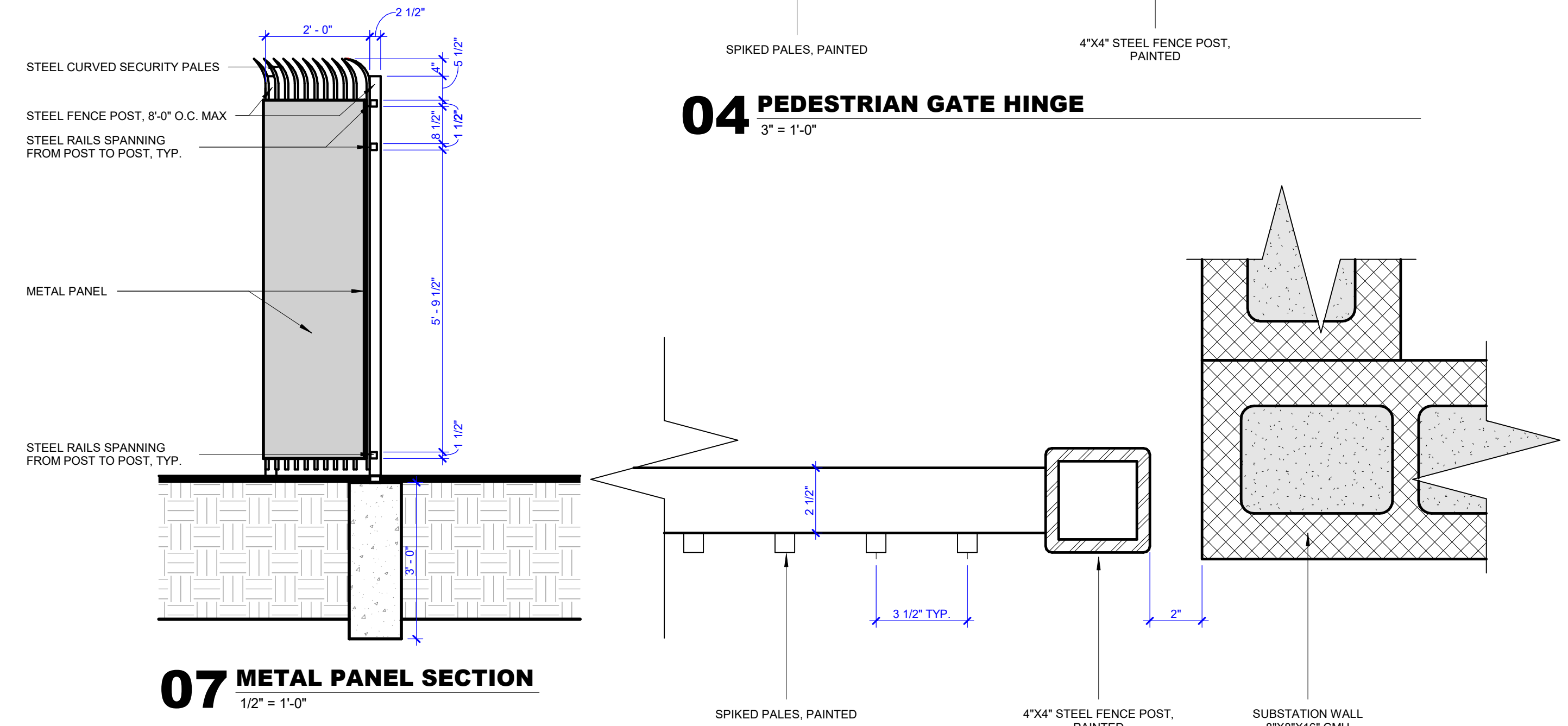


08 LOADING DOCK STAIR SECTION
1/2" = 1'-0"



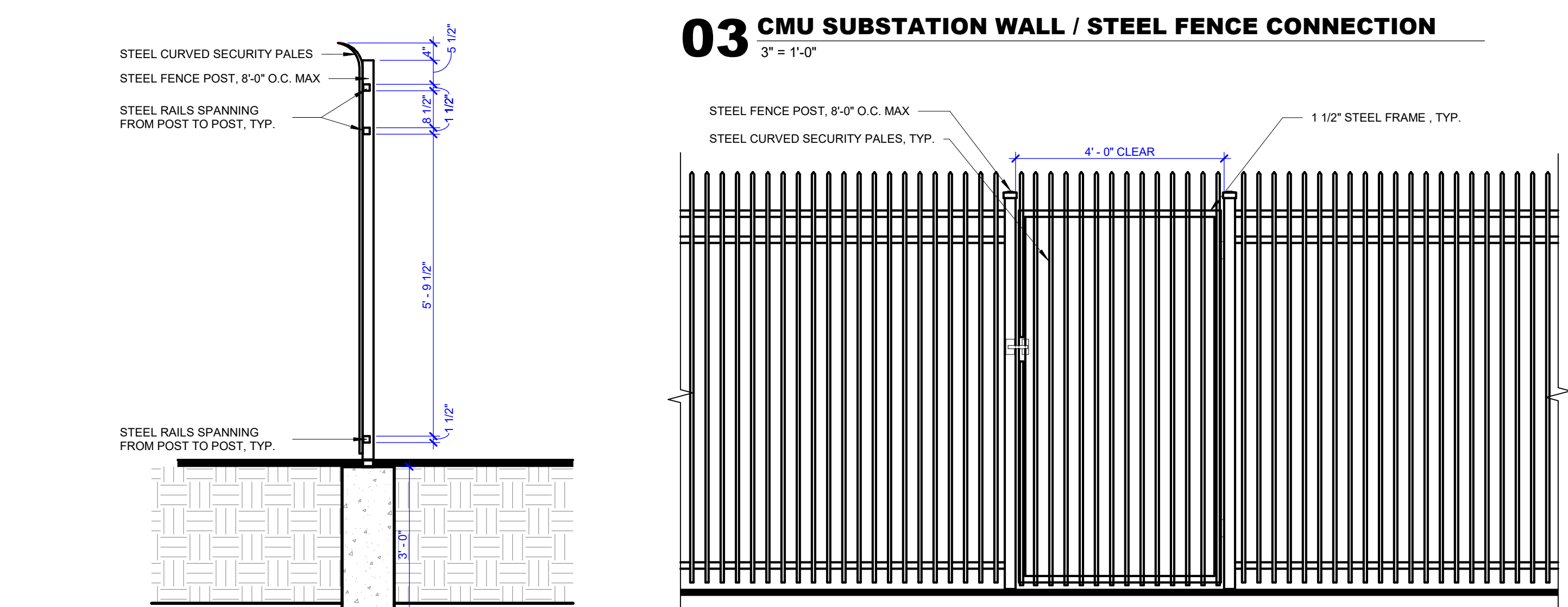
05 CMU WALL / STEEL FENCE
1/2" = 1'-0"

04 PEDESTRIAN GATE HINGE
3" = 1'-0"



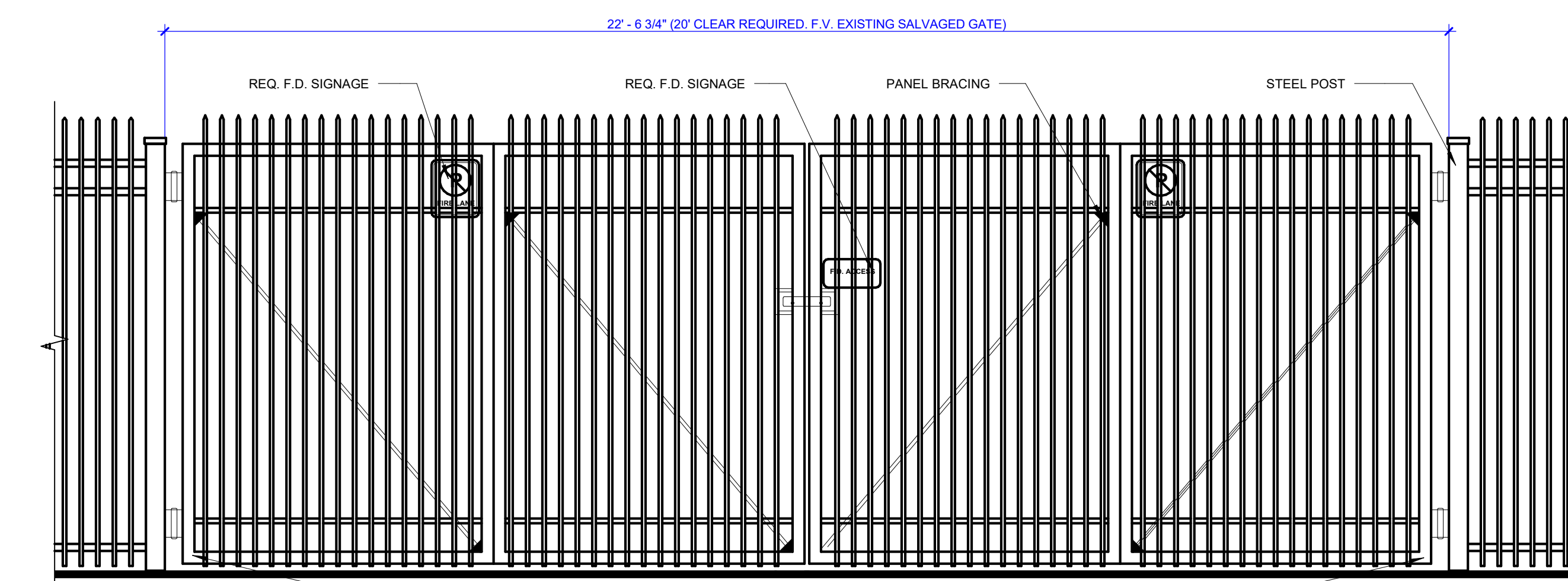
07 METAL PANEL SECTION
1/2" = 1'-0"

03 CMU SUBSTATION WALL / STEEL FENCE CONNECTION
3" = 1'-0"



06 STEEL FENCE SECTION
1/2" = 1'-0"

02 PEDESTRIAN GATE
1/2" = 1'-0"



01 VEHICULAR GATE
1/2" = 1'-0"