



CONCEPTUAL RENDERING

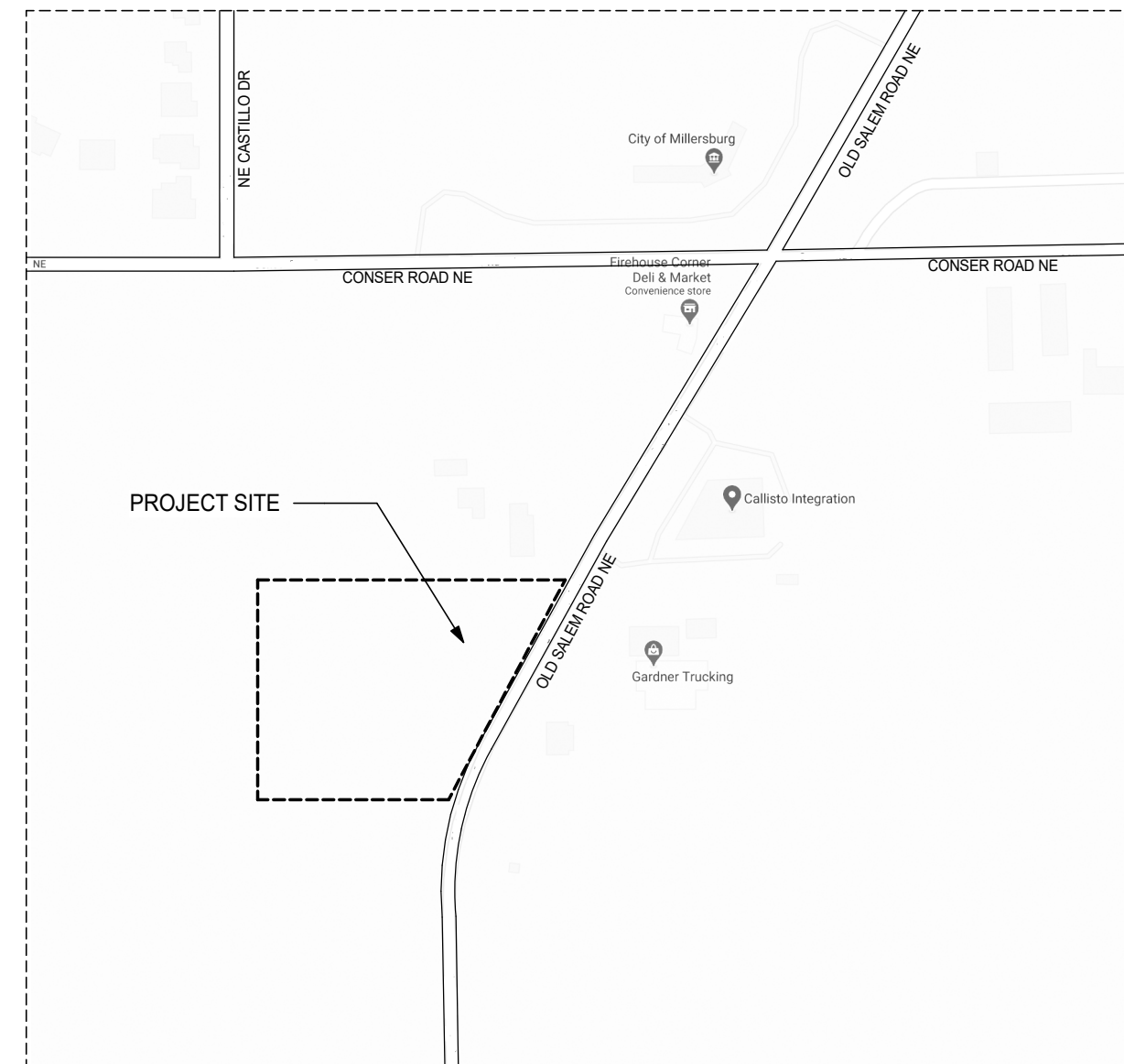
Station 15 Millersburg Fire

3215 Transition Parkway NE
Albany, OR 97321

BID SET
2/3/21

Soderstrom
Architects

VICINITY MAP:



Station 15

PROJECT ADDRESS:

3215 Transition Parkway NE
Albany, OR 97321

PROJECT SUMMARY:

CONSTRUCTION OF A NEW SINGLE-STORY FIRE STATION WITH ROOM FOR 5 APPARATUS AND DORMATORIES FOR SIX ALONG WITH A COMMUNITY MEETING ROOM.

PROJECT TEAM

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DEFERRED SUBMITTALS

REFER TO SPECIFICATION SECTION 01 3000 AND 01 4000 FOR BIDDER DESIGN REQUIREMENTS FOR BOTH AHJ REVIEW ITEMS AND NON-AHJ DEFERRED ITEMS. SUBMITTAL DOCUMENTS FOR AHJ DEFERRED SUBMITAL ITEMS SHALL BE SUBMITTED TO THE ARCHITECT OF RECORD BY THE GENERAL CONTRACTOR. ARCHITECT AND APPROPRIATE ENGINEER OF RECORD SHALL REVIEW AND RETURN. THE GENERAL CONTRACTOR SHALL THEN FORWARD AHJ SUBMITTAL ITEMS TO THE BUILDING OFFICAL FOR AHJ APPROVAL WITH A NOTATION INDICATING THAT THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED AND THAT THEY HAVE BEEN FOUND IN GENERAL CONFORMANCE WITH THE DESIGN OF THE BUILDING. THE AHJ DEFERRED SUBMITAL ITEMS SHALL NOT BE INSTALLED UNTIL THEIR DESIGN AND SUBMITAL DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL.

AUTHORITY HAVING JURISDICTION (AHJ) DEFFERRED SUBMITTAL ITEMS:

- A. PRECAST ARCHITECTURAL CONCRETE AND ATTACHMENTS, DIVISION 03
- B. FIRE SPRINKLER SYSTEM, DIVISION 21
- C. FIRE ALARM, DIVISION 28
- D. STRUCTURAL ENGINEERING FOR MECHANICAL SYSTEM SEISMIC RESTRAINTS
- E. STRUCTURAL ENGINEERING FOR OPEN WEB JOISTS, DIVISION 6
- F. LANDSCAPE IRRIGATION DESIGN

SEE SPECIFICATION SECTION 01 4000 SUBMITTAL REQUIREMENTS FOR NON-AHJ BIDDER DESIGNED/ENGINEERED ITEMS.

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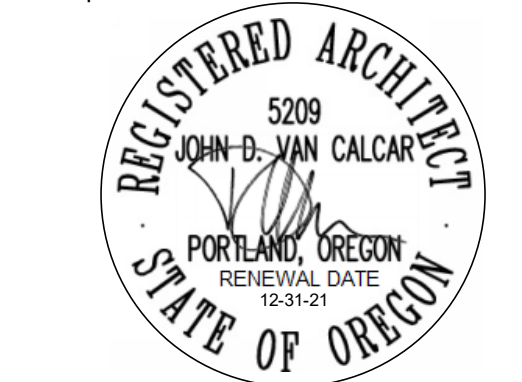


Project
Consultant

Revisions

No.	Description	Date
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Stamp



Issuance

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Date

2/3/21

Project Number

20006

Drawing Title

PROJECT INFO

Sheet No

G1.01

PROJECT NOTES

- CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE CURRENT EDITION OF THE CITY OF ALBANY STANDARD CONSTRUCTION SPECIFICATIONS (AS ADOPTED BY THE CITY OF MILLERSBURG), THE PROJECT SPECIFICATIONS, CONSTRUCTIONS DRAWINGS, AND THESE SPECIAL PROVISIONS. IN SITUATIONS WHERE SPECIFICATION REQUIREMENTS DIFFER, THE MORE STRINGENT REQUIREMENT SHALL APPLY.
- THE CONSTRUCTION CONTRACT IS FOR THE CONSTRUCTION OF A COMPLETE AND FULLY FUNCTIONING INSTALLATION. THESE DOCUMENTS DESCRIBE THE DESIGN INTENT AND SPECIFIC REQUIREMENTS OF THE INSTALLATION. THESE DOCUMENTS DO NOT INTEND TO SHOW EVERY ITEM REQUIRED TO CONSTRUCT THE WORK. ITEMS SUCH AS FASTENERS, CONNECTORS, FILLERS, MISCELLANEOUS CLOSURE ELEMENTS, ANCILLARY CONTROL WIRING AND POWER WHERE REQUIRED FOR THE CONTROL OR OPERATION OF THE PROVIDED EQUIPMENT ARE NOT ALWAYS SHOWN BUT ARE CONSIDERED INCLUDED IN THE SCOPE OF THE WORK. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE A FULLY FUNCTIONING INSTALLATION WHICH MEETS THE DESIGN INTENT, INCLUDING THE SPECIFIC REQUIREMENTS INCLUDED IN THESE DOCUMENTS.
- ALL ITEMS IN THESE DOCUMENTS ARE NEW UNLESS OTHERWISE NOTED.
- THESE DOCUMENTS DESCRIBE A SINGLE CONSTRUCTION CONTRACT. THE USE OF SUBCONTRACTORS IS THE ELECTION OF THE CONTRACTOR. THESE DOCUMENTS DO NOT INTEND TO DIVIDE THE WORK AMONG THE CONTRACTOR'S SUBCONTRACTORS. WHERE THE DOCUMENTS IDENTIFY WORK WHICH IS "NOT IN MECHANICAL WORK" OR "NOT IN ELECTRICAL WORK" IT MEANS THAT WORK IS NOT FURTHER DESCRIBED OR SPECIFIED IN THE MECHANICAL OR ELECTRICAL DRAWINGS OR SPECIFICATIONS. IT DOES NOT PRECLUDE THE CONTRACTOR FROM DELEGATING THE WORK TO THE ENTITIES OF HIS ELECTION. IN ADDITION THE DIVISION OF THE CONTRACT DOCUMENTS INTO ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL AND OTHER DESIGN DISCIPLINES NEITHER DIVIDES THE WORK FOR THOSE DISCIPLINES AS SHOWN ONLY IN THOSE DRAWINGS OR SPECIFICATIONS.
- ITEMS INDICATED IN THIS SET NOTED "BY OWNER" ARE NOT IN THE CONTRACT (N.I.C.)
- UNLESS OTHERWISE NOTED, IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND THE SUBCONTRACTORS TO REVIEW ALL DRAWINGS, PROJECT MANUAL, ADDENDA, ETC. IN ORDER TO ASSURE THE COORDINATION OF ALL WORK AFFECTING EACH TRADE. FAILURE TO REVIEW AND COORDINATE ALL CONTRACT DOCUMENTS BY THE GENERAL CONTRACTOR WITH ALL THE SUBCONTRACTORS FOR APPLICABLE ITEMS OF THE WORK SHALL NOT RELIEVE THE RESPONSIBLE PARTY FROM PERFORMING ALL WORK SO REQUIRED AS PART OF THE CONTRACT.
- UNLESS OTHERWISE NOTED, THE PROJECT MANUAL, WHICH INCLUDES THE GENERAL CONDITIONS, SUPPLEMENTAL CONDITIONS, AND TECHNICAL SPECIFICATIONS, AND THE DRAWINGS ARE COMPLEMENTARY AND TOGETHER DESCRIBE THE PROJECT REQUIREMENTS. WHERE THERE ARE DISCREPANCIES BETWEEN THE PROJECT MANUAL AND THE DRAWINGS, THE CONTRACTOR SHALL ADVISE THE ARCHITECT AND REQUEST A CLARIFICATION. THE ORDER OF PRECEDENCE BETWEEN THE DRAWINGS AND THE PROJECT MANUAL IS AS DEFINED IN THE PROJECT MANUAL.
- UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL LAYOUT AND SEQUENCE THE INSTALLATION OF THE WORK SO THAT THE DIFFERENT SYSTEMS DO NOT OBSTRUCT THE INSTALLATION OF SUCCESSIVE WORK. IN GENERAL, SYSTEMS INSTALLED FIRST SHOULD BE KEPT AS HIGH AND TIGHT TO STRUCTURE AS POSSIBLE TO LEAVE SPACE AVAILABLE FOR SYSTEMS WHICH FOLLOW.
- REFER TO THE PROJECT MANUAL FOR SPECIFICATIONS, GENERAL INFORMATION, PRODUCTS AND EXECUTION REQUIREMENTS. REQUIREMENTS OF THE SPECIFICATIONS APPLY TO ALL ASPECTS OF THE WORK AND ARE INCLUDED AS ADDITIONAL INFORMATION FOR EACH ITEM SPECIFIED. IF DISCREPANCIES EXISTS BETWEEN THE SPECIFICATIONS AND DRAWINGS, THE MORE STRINGENT REQUIREMENTS SHALL PREVAIL. THE GENERAL CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVES OF ANY DISCREPANCIES.
- THE DRAWINGS SHALL NOT BE SCALED. THE GENERAL CONTRACTOR SHALL REFER TO THE DIMENSIONS INDICATED OR THE ACTUAL SIZES OF CONSTRUCTION ITEMS. WHERE NO DIMENSIONS OR METHOD OF DETERMINING A LOCATION IS GIVEN, VERIFY CORRECT DIMENSIONS OR LOCATION WITH THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
- THE DRAWINGS AND REFERENCED DETAILS HAVE BEEN DIMENSIONED IN ORDER TO ESTABLISH THE CONTROL AND GUIDELINES FOR FIELD LAYOUT. WHERE A DISCREPANCY EXISTS BETWEEN THE DRAWING AND THE DETAIL THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE FOR CLARIFICATION PRIOR TO INSTALLATION.
- DIMENSIONS ARE TO FACE OF STUD UNLESS OTHERWISE NOTED.
- WHERE DIMENSIONS ARE NOTED TO BE VERIFIED IN THE FIELD (V/F) THE DIMENSION SHOWN IS THE DESIGN BASIS, BUT MAY DIFFER FROM ACTUAL CONDITIONS. CONTRACTOR SHALL VERIFY THESE DIMENSIONS WHILE LAYING OUT THE WORK AND REPORT ANY DISCREPANCIES BETWEEN THE DESIGN BASIS AND ACTUAL DIMENSIONS TO THE OWNER'S REPRESENTATIVE PRIOR TO PROCEEDING WITH THE WORK. WHERE DIMENSIONS ARE NOTED "+/-" FIELD DIMENSIONS MAY VARY FROM THE NOTED DIMENSIONS BY MINOR AMOUNTS. IF THE CONTRACTOR IDENTIFIES DIMENSIONS IN THE FIELD THAT DIFFER BY MORE THAN 1" FROM THE +/- DIMENSIONS INDICTED IN THE DRAWINGS, THE CONTRACTOR SHOULD CONFIRM DIFFERENTIAL WITH ARCHITECTS.
- INTERIOR DETAILS ARE KEYED TO THE PLANS AT TYPICAL LOCATIONS. TYPICAL DETAILS APPLY TO ALL LOCATIONS WHICH ARE SIMILAR BUT ARE NOT OTHERWISE DETAILED. THE CONTRACTOR AND SUBCONTRACTORS ARE RESPONSIBLE TO COORDINATE THE LOCATION OF TYPICAL DETAILS AND INSTALL THE WORK INDICATED. IF DISCREPANCIES EXIST OR QUALIFICATION IS REQUIRED, THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE FOR CLARIFICATION PRIOR TO PROCEEDING.
- INTERIOR FINISHES ARE KEYED TO THE DRAWINGS AT TYPICAL LOCATIONS. THE FINISHES APPLY TO ALL LOCATIONS WHICH ARE SIMILAR BUT ARE NOT OTHERWISE DETAILED. CONTRACTOR AND SUBCONTRACTORS ARE RESPONSIBLE TO COORDINATE THE LOCATION ALL TYPICAL DETAILS AND INSTALL THE WORK INDICATED. IF DISCREPANCIES EXIST OR QUALIFICATION IS REQUIRED, THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE FOR CLARIFICATION PRIOR TO PROCEEDING.
- ABBREVIATIONS ON THIS SHEET APPLY TO THE ENTIRE SET UNLESS OTHERWISE NOTED.
- WALL FIRE RATING INDICATIONS ON THE FLOOR PLANS SHOW EXTENT OF FIRE RATED PARTITION. FIRE RATING IN A PARTITION SHALL CONTINUE OVER DOOR OR WINDOW OPENING WHETHER OR NOT THEY APPEAR IN PLAN.
- IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO VERIFY SIZE AND INVERT ELEVATION OF OPENINGS / SLEEVES THROUGH CONCRETE AND MASONRY WALLS AND CONCRETE FOUNDATION WALLS. OPENINGS / SLEEVES ARE NOT LIMITED TO THOSE SHOWN ON STRUCTURAL DRAWING SHEETS.
- IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO COORDINATE AND MAKE PROVISIONS FOR ALL PIPE / CONDUIT SLEEVES THROUGH CONCRETE WALLS.
- ELEVATIONS ARE TO TOP OF CONCRETE OR OTHER HARD SURFACE MATERIAL.
- DETAILS ARE INTENDED TO SHOW METHOD AND MANNER OF ACCOMPLISHING THE WORK. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT JOB DIMENSIONS OR CONDITIONS AND SHALL BE INCLUDED AS PART OF THE WORK.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND EXISTING CONDITIONS AT THE SITE BEFORE COMMENCING WORK AND REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO START OF THE WORK. IN CASE OF CONFLICT BETWEEN ARCHITECTURAL AND CONSULTANTS DRAWINGS, THE ARCHITECT WILL DETERMINE THE CORRECT INTENTION OF THE WORK.
- THE BUILDING SHALL BE PROVIDED WITH A FULL SPRINKLER SYSTEM COMPLYING WITH APPLICABLE CODES OF THE AUTHORITY HAVING JURISDICTION.
- NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES, SYMBOLS, AND TYPICAL DETAILS. SPECIFIC NOTES ON DETAILS APPLY TO SIMILAR CONDITIONS UNLESS NOTED OTHERWISE (UNO / UON).
- WHERE FIRE RATED OPENING PROTECTION IS REQUIRED, THE FIRE DOORS AND SMOKE AND DRAFT CONTROL ASSEMBLIES INSTALLED IN CORRIDOR OPENINGS SHALL BE TESTED AND LABELED IN ACCORDANCE WITH OSSC CURRENT EDITION SECTION 714. IN ACCORDANCE WITH THE REQUIREMENTS OF THE LISTED ASSEMBLY, THE MANUFACTURER'S INSTALLATION INSTRUCTIONS SHALL BE PROVIDED WITH EACH ASSEMBLY FOR INSTALLATION AND FOR REVIEW BY THE INSPECTION AUTHORITY.

ABBREVIATIONS

#	POUND OR NUMBER	FA	FIRE ALARM	PAR	PARAPET
A/C	AIR CONDITIONING	FAF	FLUID APPLIED FLOORING	PERF	PERFORATE(D)
AV	AUDIO VISUAL	FD	FLOOR DRAIN, FIRE DAMPER	PJT	PANEL JOINT
AB	ANCHOR BOLT	FE(C)	FIRE EXTINGUISHER (CABINET)	PLAM	PLASTIC LAMINATE
AC	ASPHALTIC CONCRETE	FF	FINISH FLOOR	PLATF	PLATFORM
ACM	ALUMINUM COMPOSITE METAL	FFE	FURNISHINGS FIXTURES AND EQUIPMENT	PNL	PANEL
ACT	ACOUSTICAL CEILING TILE	FGL	FIBERGLASS	PNT	PAINT
AD	AREA DRAIN	FHC	FIRE HOSE CABINET	PSF	POUNDS PER SQUARE FOOT
ADD	ADDENDUM	FHMS	FLATHEAD MACHINE SCREW	PSI	POUNDS PER SQUARE INCH
ADH	ADHESIVE	FHW	FLATHEAD WOOD SCREW	PT	PRESSURE TREATED, POINT
ADJ	ADJUSTABLE, ADJACENT	FIN	FINISH(ED)	PTD	PAINTED, PAPER TOWEL DISPENSER
AFF	ABOVE FINISH FLOOR	FL	FLOOR	PTL	PARTIAL
AGG	AGGREGATE	FLASHG	FLASHING	PTN	PARTION
AHJ	AUTHORITY HAVING JURISDICTION	FLCO	FLOOR CLEANOUT	PVC	POLYVINYL CHLORIDE
AL(UM)	ALUMINUM	FLR	FLOOR(ING)	PWD	PLYWOOD
ALT	ALTERNATE	FLS	FIRE LIFE SAFETY	QT	QUARRY TILE
ANOD	ANODIZED	FLUOR	FLUORESCENT	RA	RETURN AIR
AP	ACCESS / ACOUSTIC PANEL	FND(N)	FOUNDATION	RAD	RADIUS
APPROX	APPROXIMATE	FOC	FACE OF CONCRETE	RB	RESILIENT BASE
ARCH	ARCHITECT(URAL)	FOF	FACE OF FINISH	RCP	REFLECTED CEILING PLAN
AUTO	AUTOMATIC	FOS	FACE OF STEEL/STUD	RD	ROOF DRAIN
BATT	BATT INSULATION	FP	FIREPROOFING	REF(R)	REFER(ENCE), REFRIGERATOR
BD	BOARD	FR	FRAME(D), FRAMING	REIN(F)	REINFORCE(D), REINFORCING
BIT	BITUMINOUS	FS	FULL SIZE, FLAME SPREAD	REQ(D)	REQUIRED
BLDG	BUILDING	FT	FIRE TREATED	REV	REVISION(S), REVISED
BLKG	BLOCKING	FTG	FOOTING	RH	RIGHT HAND
BM	BENCH MARK	GA	GAUGE	RM	ROOM
BO	BOTTOM OF	GALV	GALVANIZED	RND	ROUND
BOL	BOLLARD	GB	GRAB BAR, GYPSUM BOARD	RO	ROUGH OPENING
BOT	BOTTOM	GL	GLASS, GLAZING, GRIDLINE	S	SOUTH
BR(N)Z	BRONZE	GWB	GYPSUM WALL BOARD	SA	SUPPLY AIR
BSMT	BASEMENT	GYP (BD)	GYPSUM (BOARD)	SAM	SELF-ADHERED MEMBRANE
CAB	CABINET	HB	HOSE BIB	SC	SOLID CORE
CB	CATCH BASIN	HBD	HARDBOARD	SCHED	SCHEDULE
CCTV	CLOSED CIRCUIT TV	HC	HOLLOW CORE	SEC(T)	SECTION
CEM	CEMENT	HD	HEAVY DUTY	SIM	SIMILAR
CF	CUBIC FOOT	HDR	HEADER	SL	SLEEVE
CG	CORNER GUARD	HDW(R)	HARDWARE	SPEC(S)	SPECIFICATION(S)
CI	CONTINUOUS INSULATION	HM	HOLLOW METAL	SQ	SQUARE
CJ(T)	CONTROL JOINT	HOR(I)Z	HORIZONTAL	SS	STAINLESS STEEL
CL	CENTERLINE	HR	HOUR	STD	STANDARD
CLG	CEILING	HT	HEIGHT	STL	STEEL
CLR	CLEAR(ANCE)	HTG	HEATING	STRUCT	STRUCTURAL
CMU	CONCRETE MASONRY UNIT	HVAC	HEATING, VENTILATION, AND AIR CONDITIONING	SUPP	SUPPLEMENT, SUPPLY
COL	COLUMN	HWD	HARDWOOD	SUSP	SUSPENDED
CONC	CONCRETE	HW	HOT WATER HEATER	SV	SHEET VINYL
CONST	CONSTRUCTION	ID	INSIDE DIAMETER	TB,	TACKBOARD
CONT	CONTINUE, CONTINUOUS	INCL	INCLUDE(D), INCLUDING	TCKBD	TACKBOARD
COORD	COORDINATE	INS(UL)	INSULATE(D), INSULATION	TEL	TELEPHONE
CPT	CARPET	INT	INTERIOR	TEMP	TEMPERED, TEMPERATURE
CRS	COURSE	JAN(T)	JANITOR	TG, T&G	TONGUE AND GROOVE
CS	COUNTERSINK	JC	JANITOR'S CLOSET	TO	TOP OF
CSMT	CASEMENT	JT	JOINT	TOC	TOP OF CURB, TOP OF CONCRETE
CT	CERAMIC TILE	KO	KNOCK-OUT	TOF	TOP OF FRAMING
CTR	CENTER	LAM	LAMINATE(D)	TOP	TOP OF PARAPET
CUST	CUSTODIAL	LAV	LAVATORY	TOPL	TOP OF PLATE
CX	CONNECTION	LH	LEFT HAND	TOR	TOP OF ROOF
CY	CUBIC YARD	LW	LIGHTWEIGHT	TOS	TOP OF STEEL
DEM(O)	DEMOLISH, DEMOLITION	MAX	MAXIMUM	TOW	TOP OF WALL
DEP	DEPRESSED	MB	MACHINE BOLT, MARKER BOARD	TS	TUBE STEEL
DF	DRAINING FOUNTAIN	MECH	MECHANICAL	TYP	TYPICAL
DIA	DIAMETER	MEZZ	MEZZANINE	U/C	UNDERCOUNTER
DIAG	DIAGONAL	MFR	MANUFACTURE(R)	UNO, UNO	UNLESS NOTED OTHERWISE
DIM	DIMENSION	MGR	MANAGER	VB	VAPOR BARRIER
DISP	DISPENSER	MH	MANHOLE	VCT	VINYL COMPOSITION TILE
DIV	DIVISION	MIN	MINIMUM	VERT	VERTICAL
DL	DEAD LOAD	MISC	MISCELLANEOUS	VEST	VESTIBULE
DMT	DEMOUNTABLE	MO	MASONRY OPENING	VFY	VERIFY
DN	DOWN	MOD	MODULAR	VIF	VERIFY IN FIELD
DR	DOOR	MP	METAL PANEL	W	WEST
DS	DOWNSPOUT	MRGB	MOISTURE RESISTANT GYPSUM BOARD	W/	WITH
DTL	DETAIL	MTL	METAL	W/O	WITHOUT
DWG(S)	DRAWING(S)	MULL	MULLION	WC	WATER CLOSET
DWR	DRAWER	MWP	MEMBRANE WATERPROOFING	WD	WOOD
E	EAST	N	NORTH	WP	WATERPROOF(ING)
EA	EACH	NAT	NATURAL	WS	WATERSTOP
EB	EXPANSION BOLT	NIC	NOT IN CONTRACT	WWF	WELDED WIRE FABRIC
EJ	EXPANSION JOINT	NOM	NOMINAL	XPS	EXTRUDED POLYSTYRENE
EL, ELEV	ELEVATION	NTS	NOT TO SCALE	YD	YARD
ELEC	ELECTRIC(AL)	OA	OVERALL	±	PLUS OR MINUS
EMER(G)	EMERGENCY	OC	ON CENTER	ø	DIAMETER
ENCL	ENCLOSE(URE)	OD	OUTSIDE DIAMETER		
EOS	EDGE OF SLAB	OH	OVERHEAD		
EP	ELECTRICAL PANEL BOARD	OPG	OPENING		
EPDM	ETHYLENE PROPYLENE DIENEMONOMER	OPP	OPPOSITE		
EQ	EQUAL	OVHD	OVERHEAD		
EQUIP	EQUIPMENT				
EST	ESTIMATE				
EXH	EXHAUST				
EXIST(E)	EXISTING				
EXP	EXPOSED, EXPANSION				
EXT	EXTERIOR				

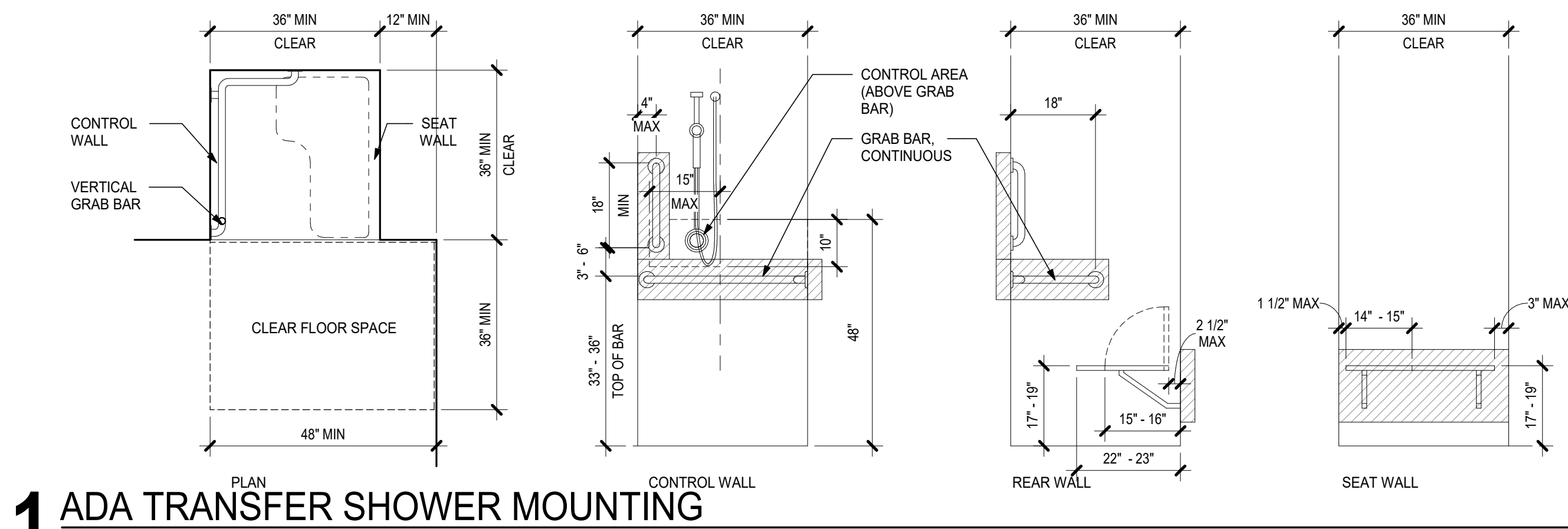
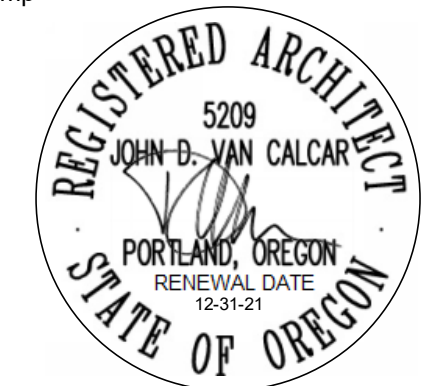
SYMBOLS LEGEND

	BUILDING SECTION MARK 1=SECTION NO. A101= SHEET NO.
	WALL SECTION MARK 1=SECTION NO. A101= SHEET NO.
	EXTERIOR ELEVATION MARK 1=SECTION NO. A101= SHEET NO.
	INTERIOR ELEVATION MARK FILLED 1=SECTION NO. A101= SHEET NO.
	DETAIL SECTION MARK 1=SECTION NO. A101= SHEET NO.
	ENLARGED VIEW MARK 1=SECTION NO. A101= SHEET NO.
	PARTITION MARK (REF. PARTITION TYPES)
	DOOR TAG
	INTERIOR WINDOW MARK
	EXTERIOR WINDOW MARK
	NORTH ARROW
	LEVEL MARK
	GRID HEAD
	KEYNOTE - REFER TO LEGEND ON SHEET
	REVISION CLOUD AND MARK
	CONTROL JOINT
	GRAPHIC SCALE
	MATCHLINE
	ALIGN DISCONTINUOUS PLANES
	CASEWORK TAG (INTERIOR ELEVATIONS)

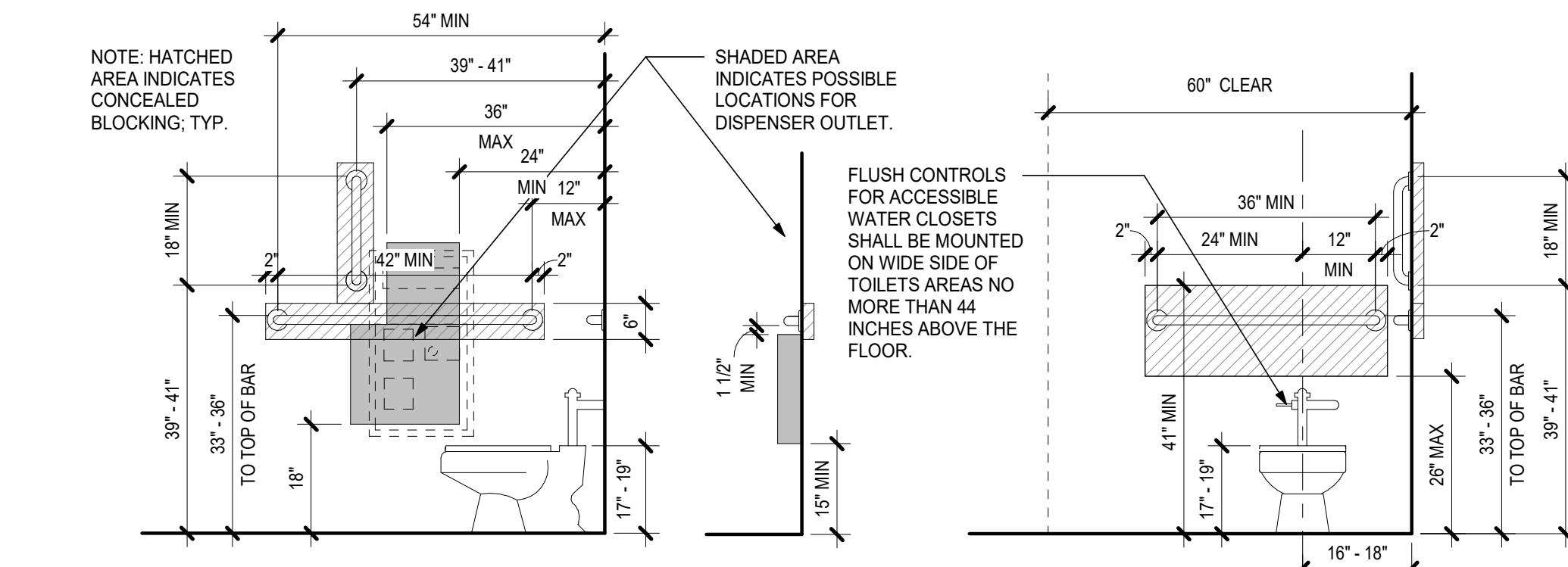
MATERIALS LEGEND

	BRICK (PLAN/SECTION)		UNDISTURBED EARTH
	BRICK (ELEVATION)		DISTURBED EARTH
	STUCCO		STEEL
	RIGID INSULATION		GYPSUM BOARD
	SPRAY INSULATION		DRAINAGE FILL
	CONCRETE MASONRY		PLYWOOD
	CONCRETE		BLANKET OR LOOSE FILL INSULATION

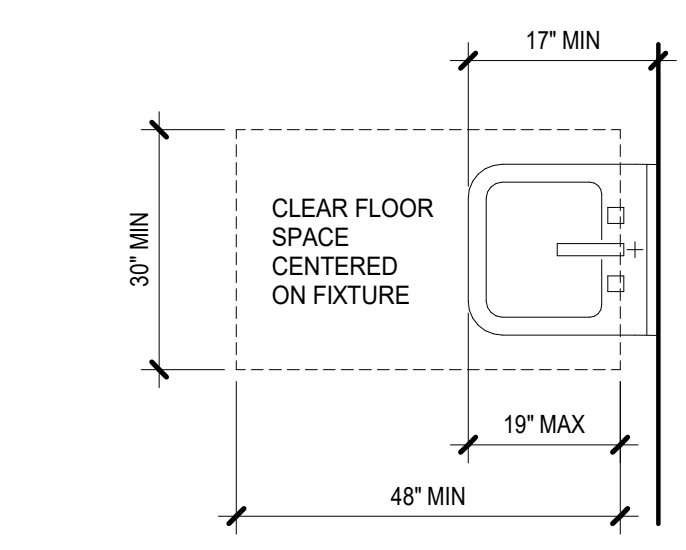
No.	Description	Date



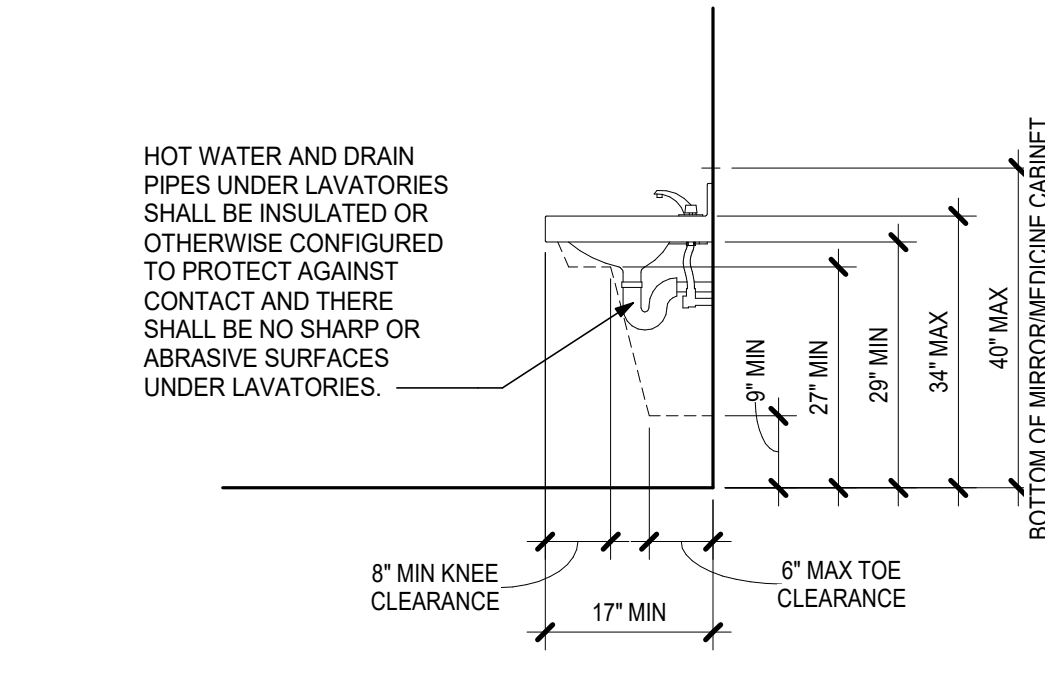
1 ADA TRANSFER SHOWER MOUNTING
1/2" = 1'-0"



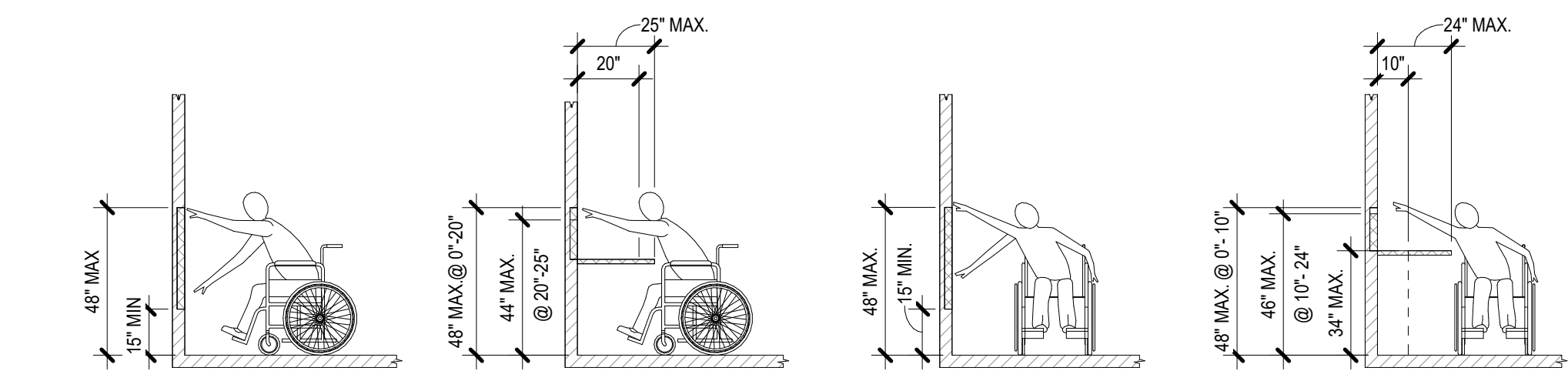
2 ADA WC ELEVATIONS
1/2" = 1'-0"



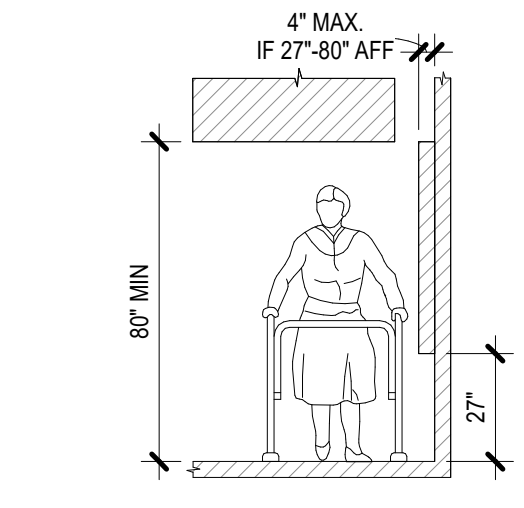
8 TYP LAVATORY PLAN
1/2" = 1'-0"



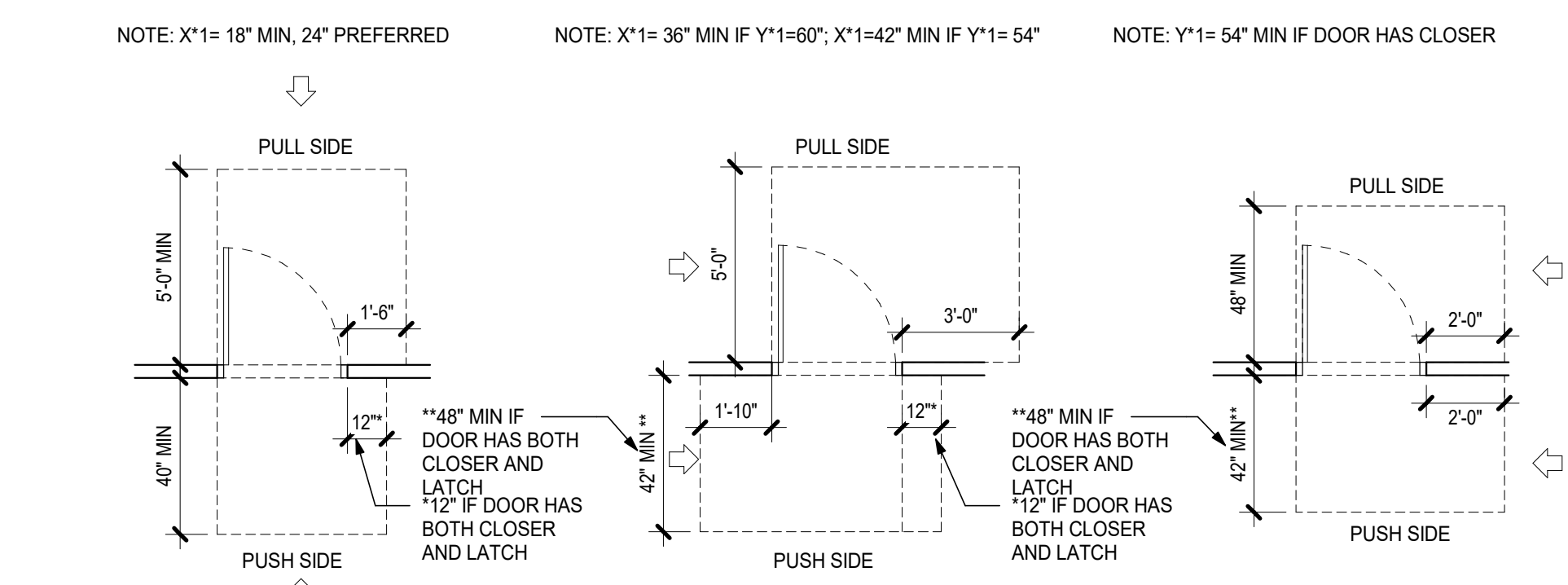
7 TYP LAVATORY ELEVATION
1/2" = 1'-0"



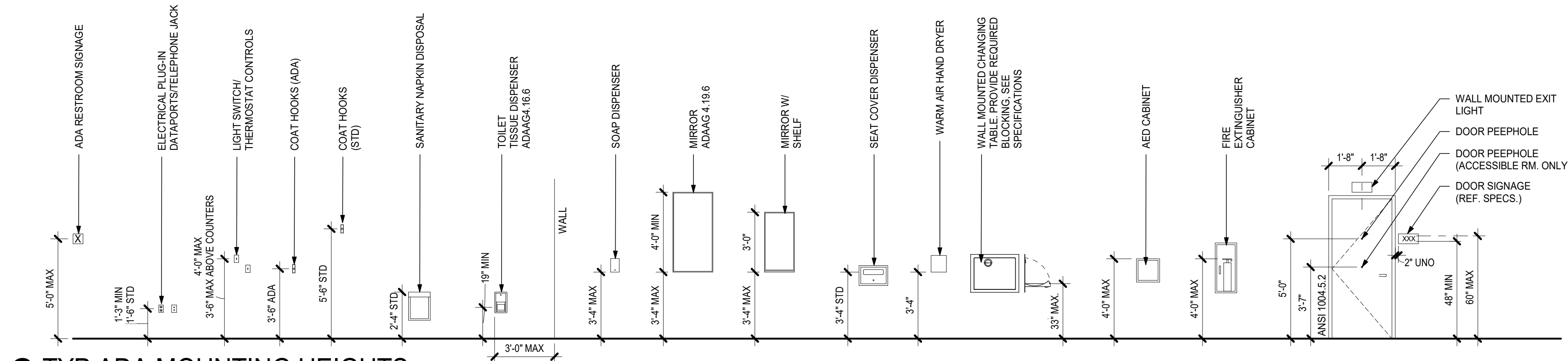
9 TYP REACH RANGES
1/4" = 1'-0"



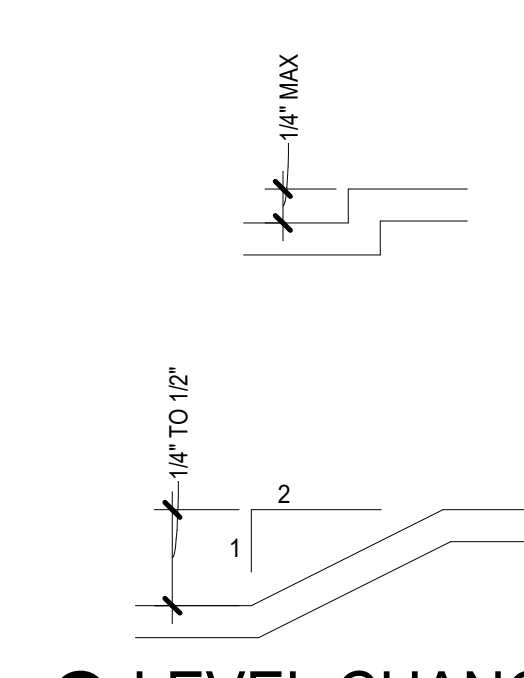
4 PROTRUDING OBJECTS
1/4" = 1'-0"



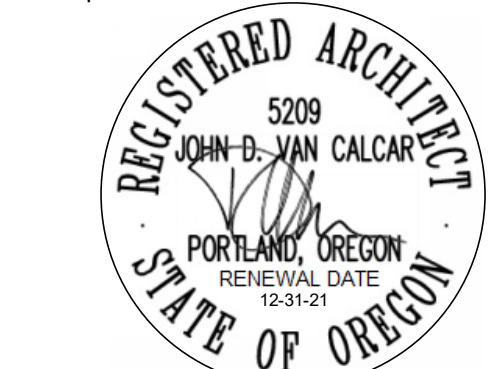
5 TYP ADA DOOR CLEARANCES
1/4" = 1'-0"



6 TYP ADA MOUNTING HEIGHTS
1/4" = 1'-0"



3 LEVEL CHANGES
1/4" = 1'-0"



CODE SUMMARY

GOVERNING CODES AND STANDARDS

- 2019 Oregon Structural Specialty Code
- 2019 Oregon Zero Energy Ready Commercial Code
- 2019 Oregon Fire Code
- 2017 Oregon Plumbing Specialty Code
- 2019 Oregon Mechanical Specialty Code
- 2017 Oregon Electrical Specialty Code w/2020 Amendments
- 2009 ANSI 117.1 Guidelines for Accessible and Useable Buildings & Facilities
- ASHRAE 90.1-2019

PROPERTY DESCRIPTION AND ZONING

LEGAL DESCRIPTION: T10SR03WSEC 28
PARCEL SIZE: 3.61 ACRES
ZONE: PF (PUBLIC FACILITY)
JURISDICTION: CITY OF MILLERSBURG

TYPE AND CLASSIFICATION

CONSTRUCTION TYPE: VB
FIRE PROTECTION: FULLY SPRINKLERED AND ALARMED

USE AND OCCUPANCY CLASSIFICATION

NON-SEPARATED MIXED USE
ALLOWABLE BUILDING AREA AND HEIGHT FOR NON-SEPARATED OCCUPANCIES SHALL BE BASED ON THE MOST RESTRICTIVE ALLOWANCES FOR THE OCCUPANCY GROUP UNDER CONSIDERATION (OSSC SECTION 508.3.2)

OCCUPANCIES: S-1 (APPARATUS BAY AND SUPPORT)
R-2 (DWELLING / SLEEPING UNITS) - MOST RESTRICTIVE
B (OFFICES, MEETING ROOM)

SEE FIRE PARTITIONS BELOW FOR REQUIREMENT.

BUILDING AREA

TOTAL FLOOR AREA: 10,084 SF
ALLOWABLE AREA: 26,000 SF (BASED ON TABULAR AREA FOR R-2 OCCUPANCY - TABLE 506.2)

MEZZANINE: 648 SF
MEZZANINE AREA NOT INCLUDED IN BUILDING AREA TOTAL PER OSSC 505.2

BUILDING HEIGHTS

NUMBER OF STORIES: 1
ALLOWABLE STORIES: 3 (BASED ON R-2, TABLE 504.4)

BUILDING HEIGHT: 26 FT 8 IN
ALLOWABLE HEIGHT: 60 FT (BASED ON R-2, TABLE 504.3)

BUILDING YARDS

NORTH: 225 FT MINIMUM
EAST: 180 FT MINIMUM TO R.O.W.
SOUTH: 50 FT MINIMUM TO R.O.W.
WEST: 30 FT MINIMUM TO R.O.W.

FIRE PARTITION

DWELLING AND SLEEPING UNIT SEPARATIONS: 1/2 HR
TYPE VB CONSTRUCTION,
WITH AUTOMATIC SPRINKLER SYSTEM
(OSSC SECTIONS 420.2 AND 708.3)

EGRESS REQUIREMENTS

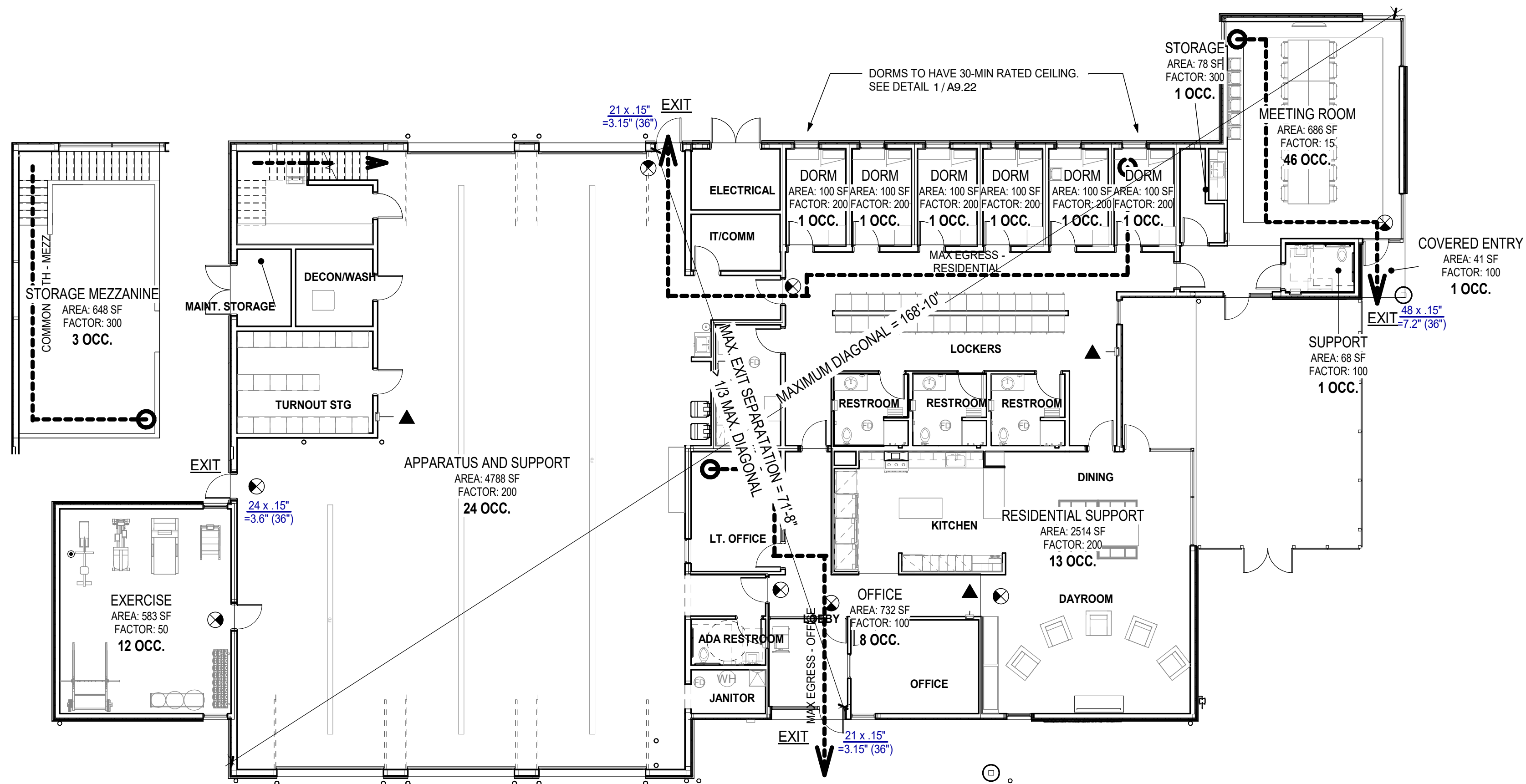
NUMBER OF EXITS REQUIRED: 2 REQUIRED WHEN OCCUPANCY EXCEEDS 49 BUT LESS THAN 500

MAX. ALLOWED TRAVEL DISTANCE: 250 FT (S-1, R-2)
(WITH SPRINKLER SYSTEM)
300 FT (B)

MAX. ALLOWED COMMON PATH: 100 FT (B, S)
(WITH SPRINKLER SYSTEM)
125 FT (R-2)

GROSS FLOOR AREA

ZONE	AREA
B	577 SF
B	873 SF
B	732 SF
R-2	2949 SF
R-2 (EXTERIOR)	163 SF
S-1	4790 SF
S-1	10084 SF



1 EXITING AND OCCUPANCY PLAN

3/32" = 1'-0"

LEGEND

- OCUPANT LOAD AT EXIT
- CODE WIDTH PER OCCUPANT
- ACTUAL PROVIDED EXIT WIDTH
- MIN CODE CALC EXIT WIDTH
- FEC-X FIRE EXTINGUISHER SYMBOL - CONTRACTOR TO VERIFY ALL LOCATIONS WITH FIRE CODE OFFICIAL PRIOR TO INSTALL
- MAXIMUM PATH OF EGRESS TRAVEL
- 30-MINUTE RATED FIRE PARTITION, 20 MINUTE OPENINGS SEE DETAIL B03/A0.11
- KNOX BOX; FINAL LOCATIONS PER DIRECTION FIRE MARSHALL
- EXIT SIGN

SHEET NOTES

1. CONFIRM FINAL LOCATION AND REQUIREMENTS OF POSTED FIRE LANE STRIPING AND SIGNAGE WITH FIRE OFFICIAL.
2. REFERENCE PLUMBING AND CIVIL PLANS FOR FDC INFORMATION
3. VERIFY ALL FIRE EXTINGUISHER LOCATIONS WITH FIRE CODE OFFICIAL PRIOR TO INSTALL.
4. REFERENCE ELECTRICAL PLANS FOR EXIT SIGN LOCATIONS

OCCUPANCY SCHEDULE

AREA NAME	AREA	OCC TYPE	FACTOR	OCC
EXERCISE	583 SF	B	50	12
OFFICE	732 SF	B	100	8
MEETING ROOM	686 SF	B	15	46
STORAGE	78 SF	B	300	1
SUPPORT	68 SF	B	100	1
COVERED ENTRY	41 SF	B	100	1
RESIDENTIAL SUPPORT	2514 SF	R2	200	13
DORM	100 SF	R2	200	1
DORM	100 SF	R2	200	1
DORM	100 SF	R2	200	1
DORM	100 SF	R2	200	1
DORM	100 SF	R2	200	1
DORM	100 SF	R2	200	1
APPARATUS AND SUPPORT	4788 SF	S1	200	24
STORAGE MEZZANINE	648 SF	S1	300	3
				115

FLS EGRESS PATHS

PATH	DIST
COMMON PATH - MEZZ	60'-10"
MAX EGRESS - MEETING ROOM	48'-8"
MAX EGRESS - OFFICE	51'-4"
MAX EGRESS - RESIDENTIAL	91'-1"

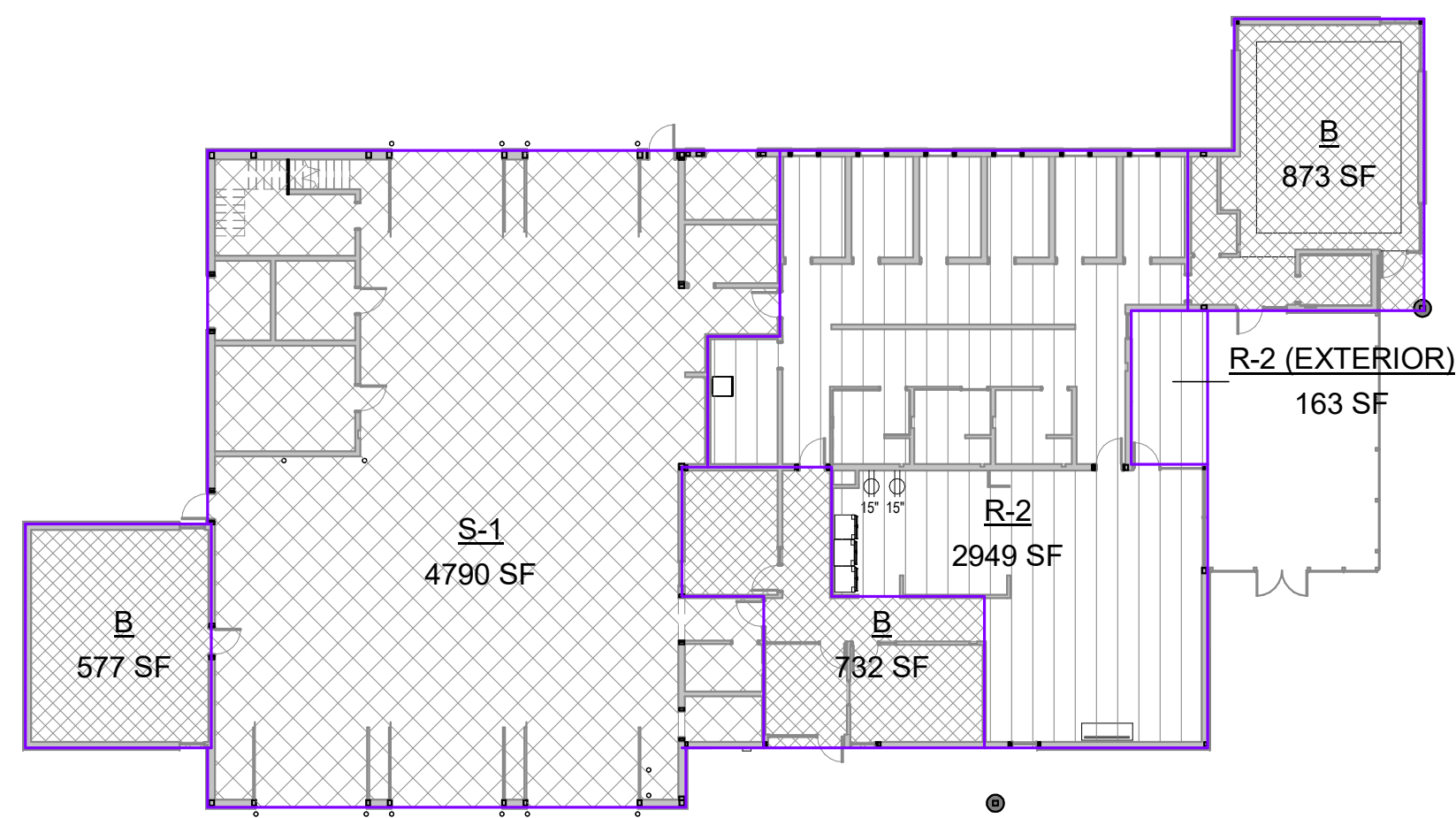
PLUMBING CALCULATIONS

	OCCUPANT LOAD			TOILETS			LAVATORIES			SHOWER		
	TOTAL	WOMEN	MEN	FACTOR	WOMEN	MEN	FACTOR	WOMEN	MEN	FACTOR	WOMEN	MEN
APPARATUS	27	14	14	1/100	0.14	0.14	1/100	0.14	0.14	N/A	N/A	N/A
MEETING	49	25	25	1/65 (W) 1/125 (M)	0.38	0.20	1/200	0.13	0.13	N/A	N/A	N/A
OFFICE	20	10	10	1/50 1/25 FIRST 50, THEN	0.40	0.40	1/80 1/40 FIRST 80, THEN	0.25	0.25	N/A	N/A	N/A
RESIDENTIAL	19	10	10	1/10	1.00	1.00	1/10	1.00	1.00	1/8	1.25	1.25
SUM					1.92	1.74		1.52	1.52		2.50	
REQUIRED					2.00	2.00		2.00	2.00		3.00	
PROVIDED					2	3		2	3		3	

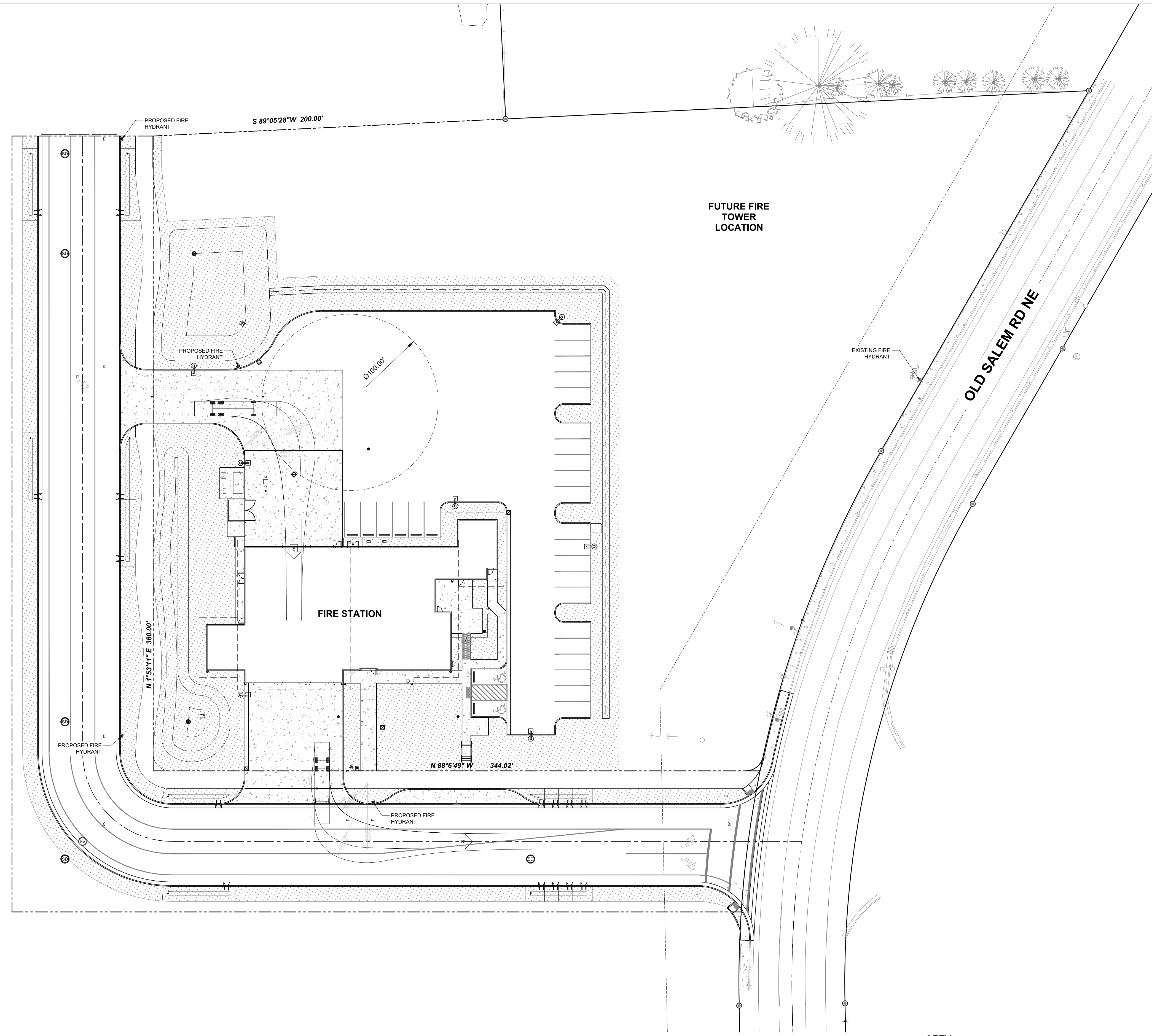
NOTE: ALL PROVIDED TOILET AND SHOWER ROOMS ARE SINGLE-OCCUPANT UNISEX FACILITIES

2 GROSS AREA CALCULATION PLAN

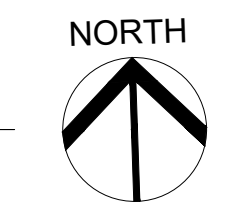
1" = 20'-0"



DATE: 1/28/2021 4:31 PM
 FILE PATH: \\ACTIVE PROJECTS\20335_SODERSTROMARCHITECTS_MILLERSBURG_MILLERSBURGFIRESTATION\CIVIL\3D\PRODUCTION DRAWINGS\FD1.0 FIRE PLAN
 © 2019 CROW ENGINEERING, INC.



1 FIRE ACCESS PLAN
 1" = 30'



**Millersburg Fire
Station 15**
Old Salem Road
Millersburg, OR 97321



Project

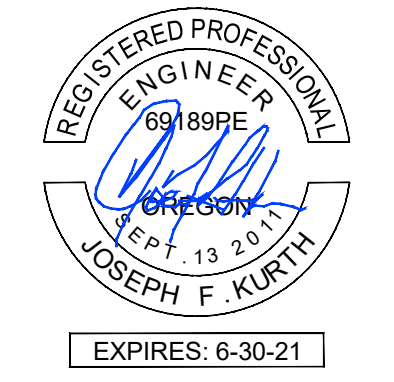
Consultant

CROW
ENGINEERING
9925 SW Nimbus Ave
Suite 110
Beaverton, OR 97008
T 503-213-2013
F 503-213-2018
crowengineering.com

Revisions

No.	Description	Date
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Stamp



Issuance

BID SET

Date

2/3/21

Project Number

20335

Drawing Title

FIRE ACCESS PLAN

Sheet No

FD1.00



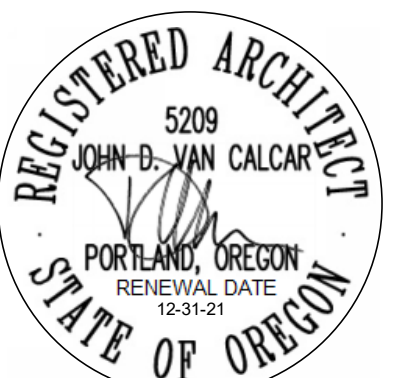
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Consultant

Revisions

No.	Description	Date

Stamp



Issuance

BID SET

Date

2/3/21

Project Number

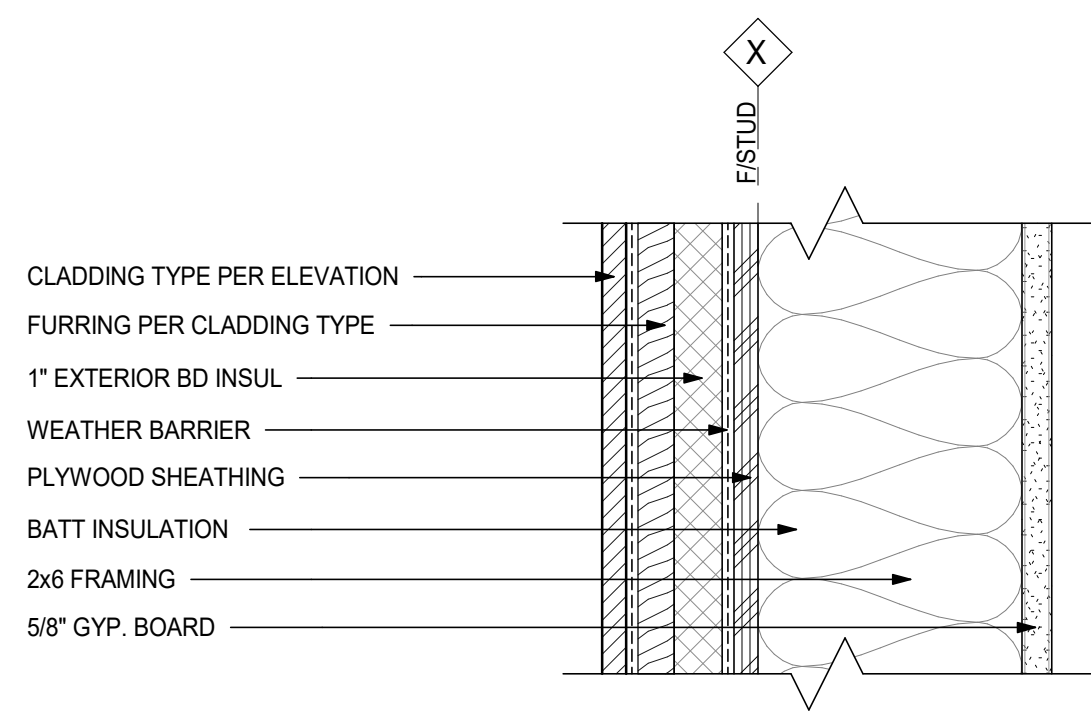
20006

Drawing Title

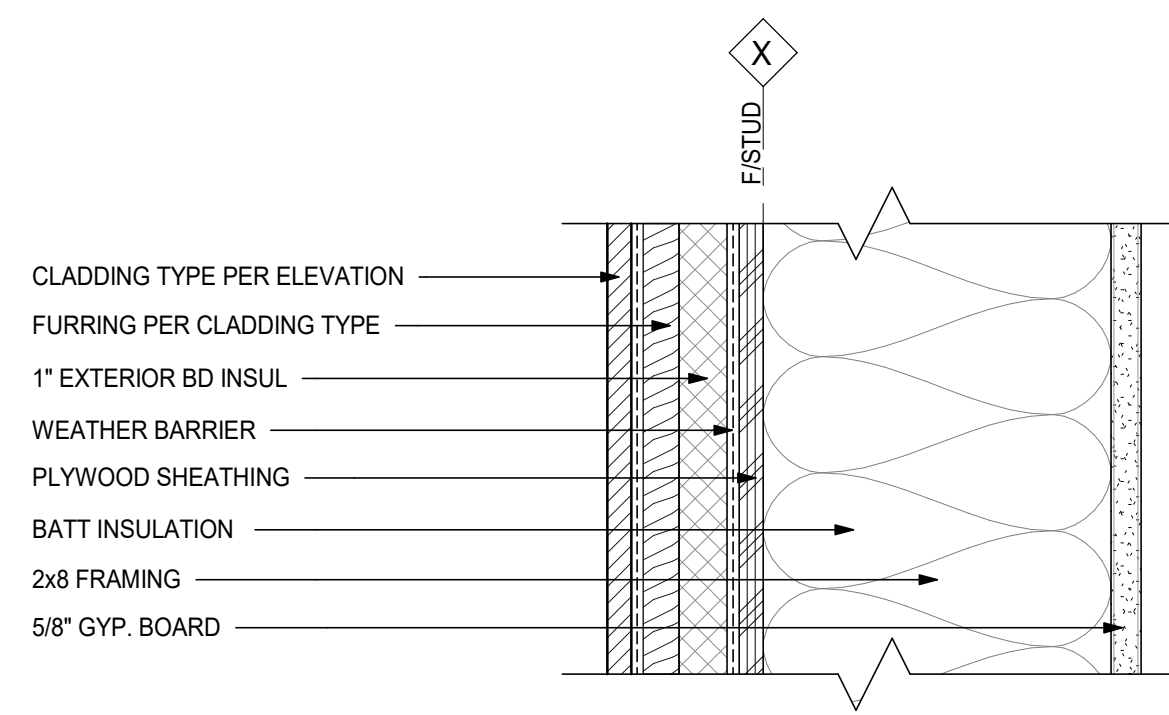
EXTERIOR ASSEMBLIES

Sheet No

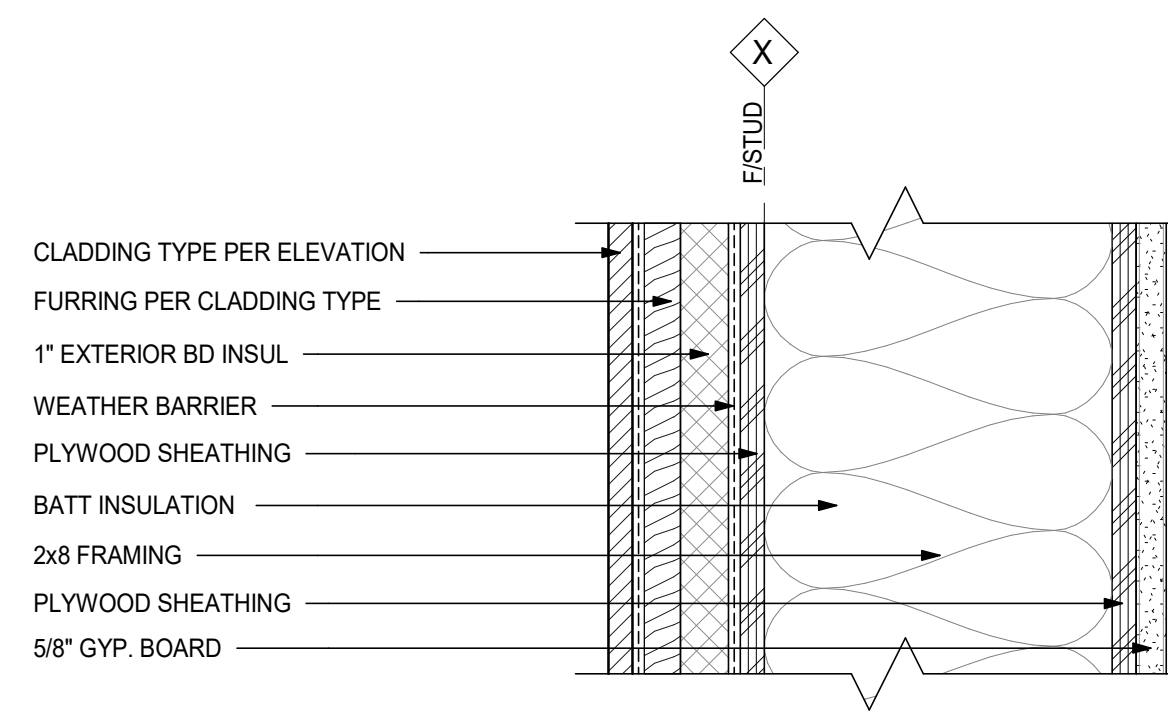
A0.01



W1 TYPICAL EXTERIOR ASSEMBLY
3\"/>

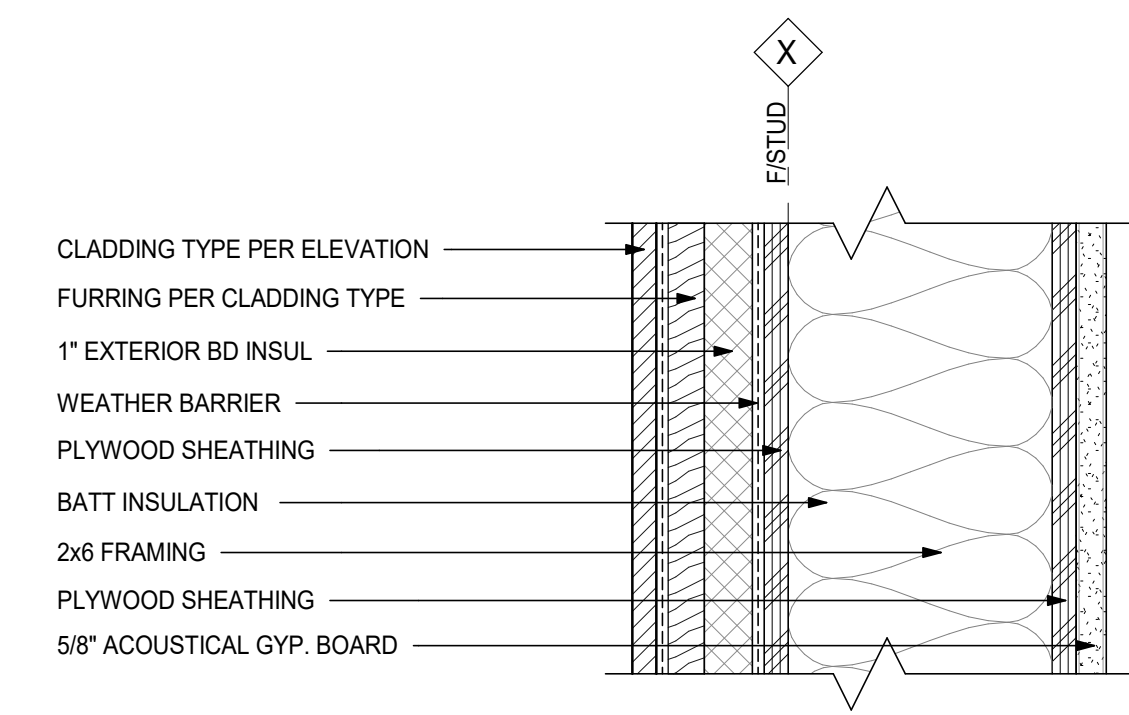


W2 EXTERIOR ASSEMBLY - 2X8 FRAMING
3\"/>

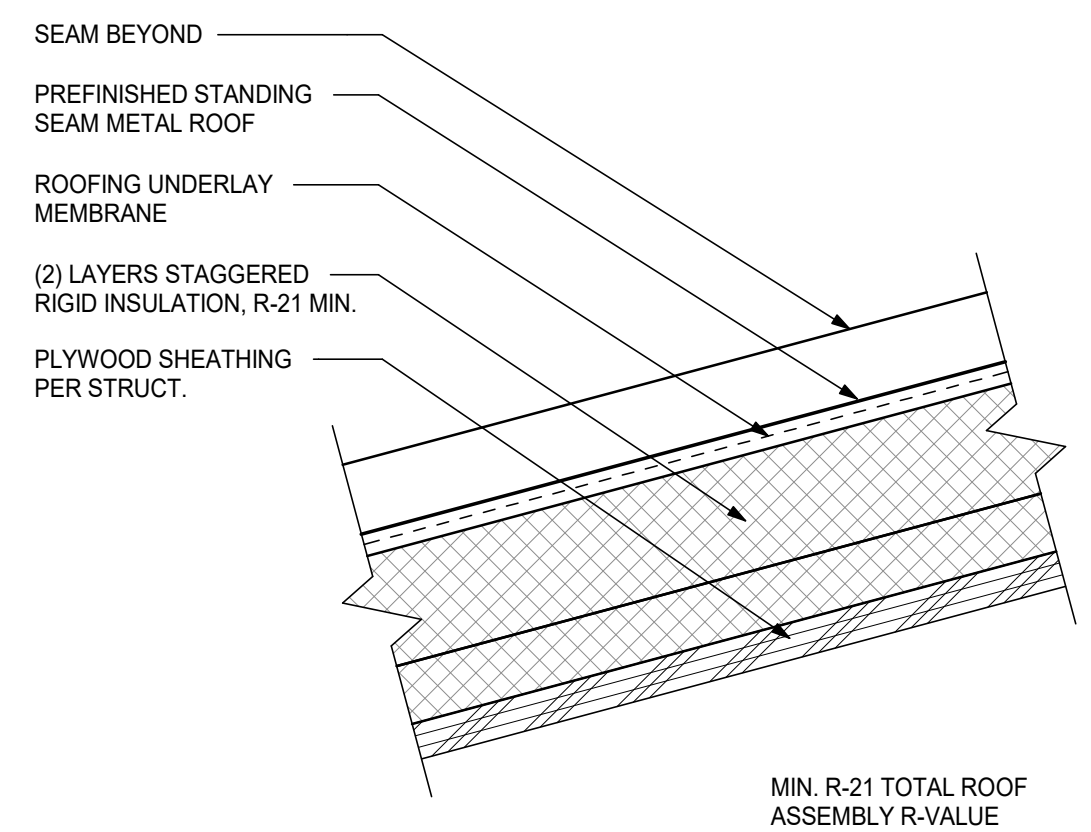


W3 EXTERIOR ASSEMBLY - SHEAR WALL
3\"/>

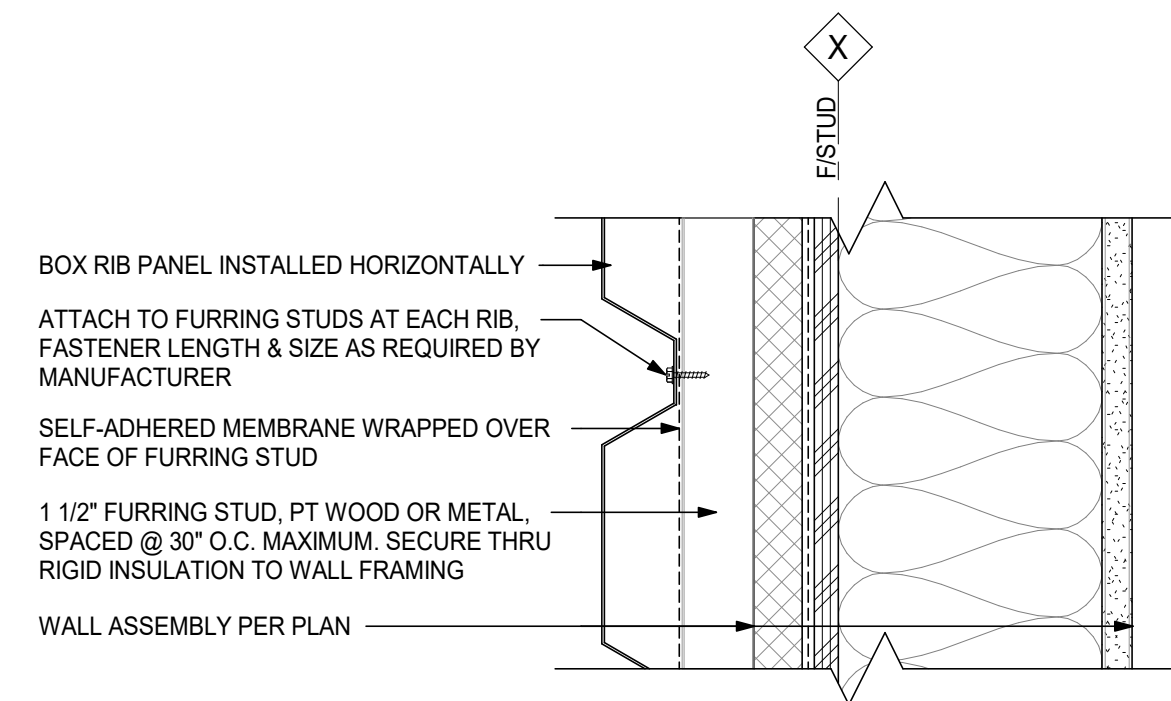
AT WALL TYPE W5, REPLACE 2x8 FRAMING WITH 2x10



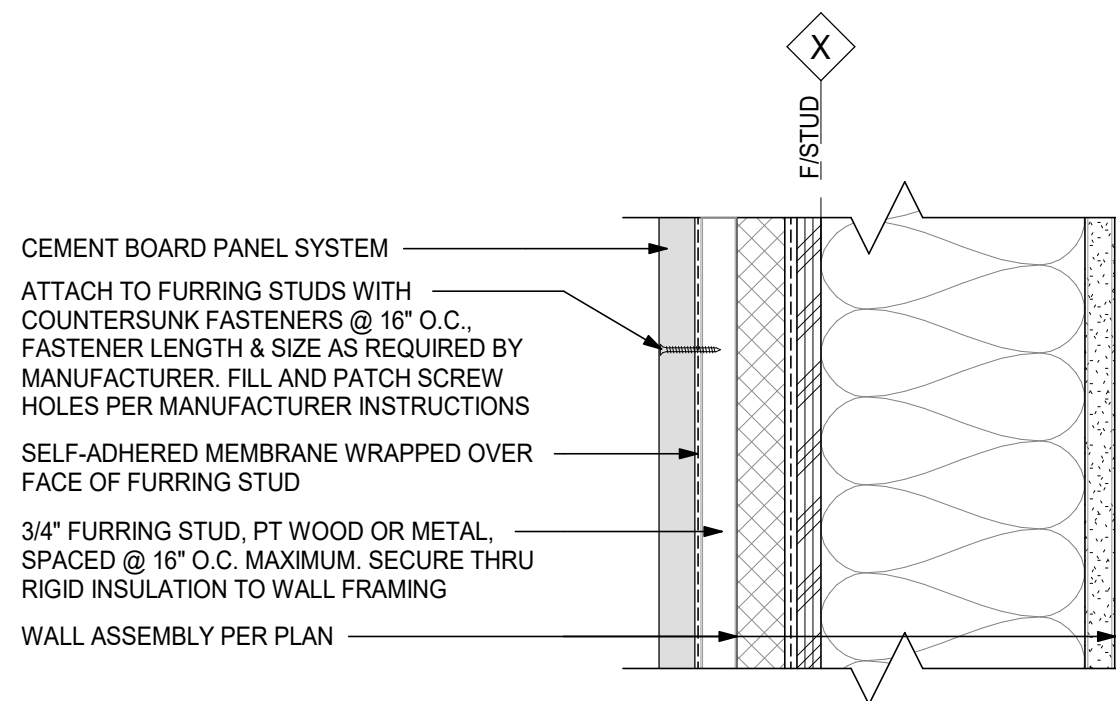
W4 EXT ASSEMBLY - SHEAR WALL @ DORMS
3\"/>



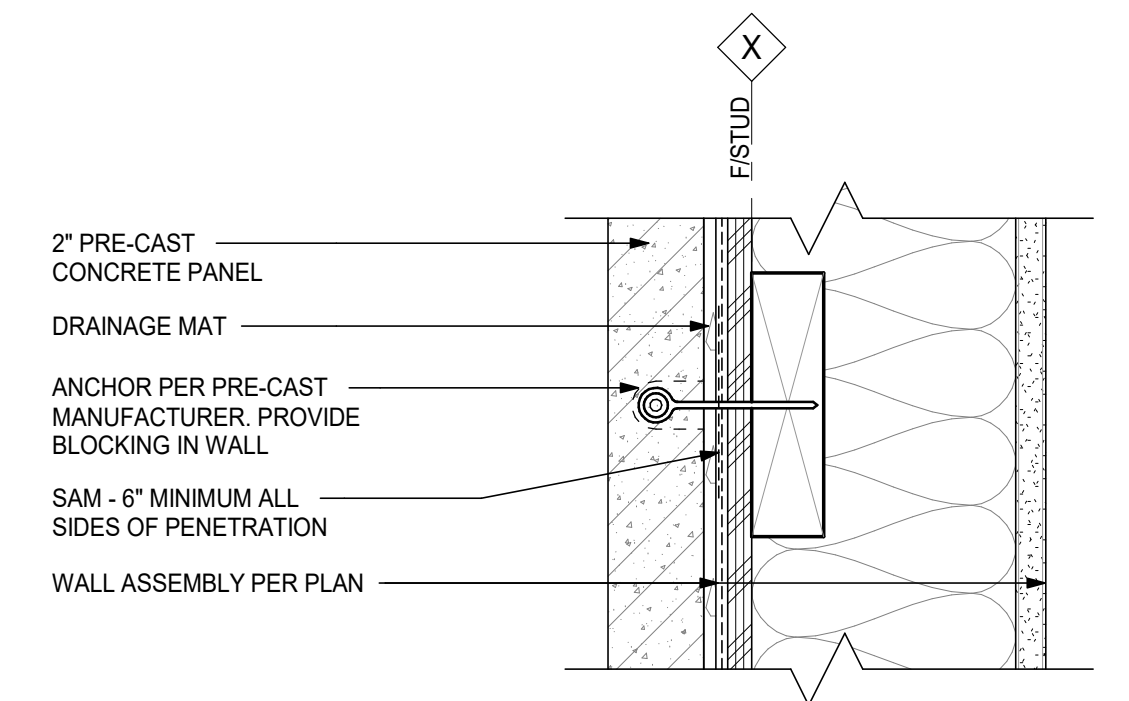
R1 ROOF ASSEMBLY
3\"/>



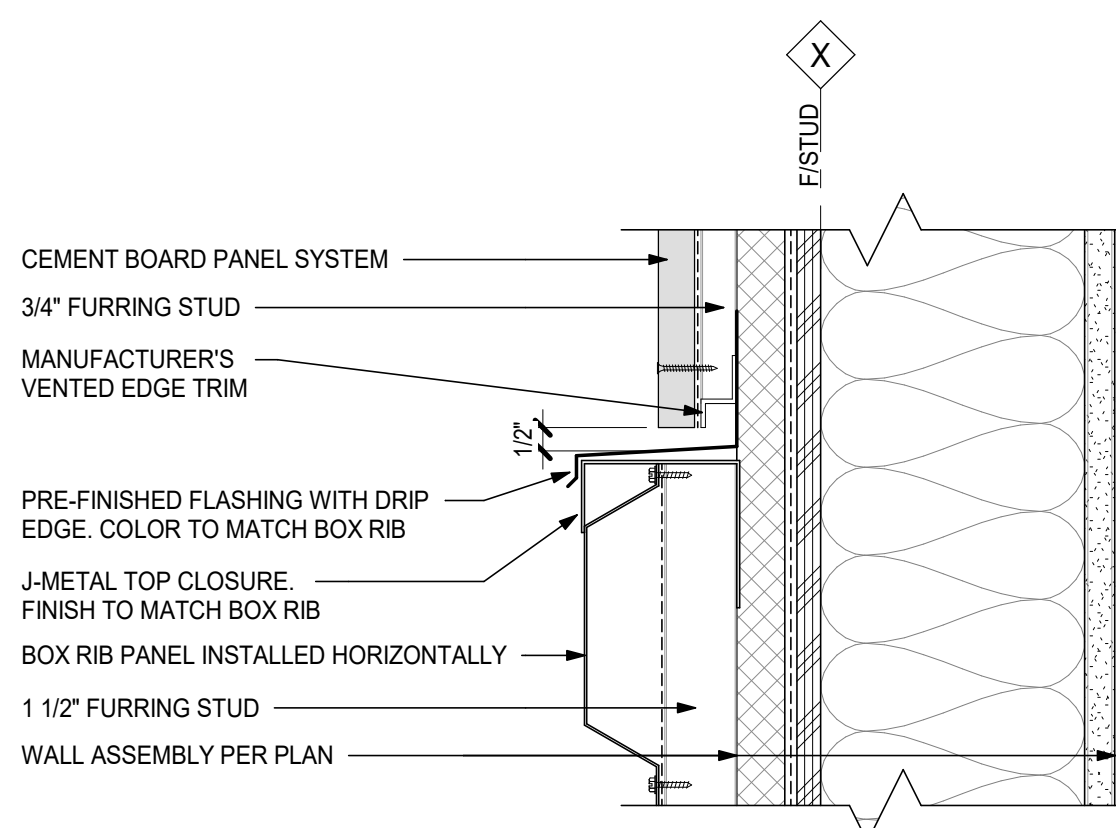
1 EXT CLADDING - BOX RIB
3\"/>



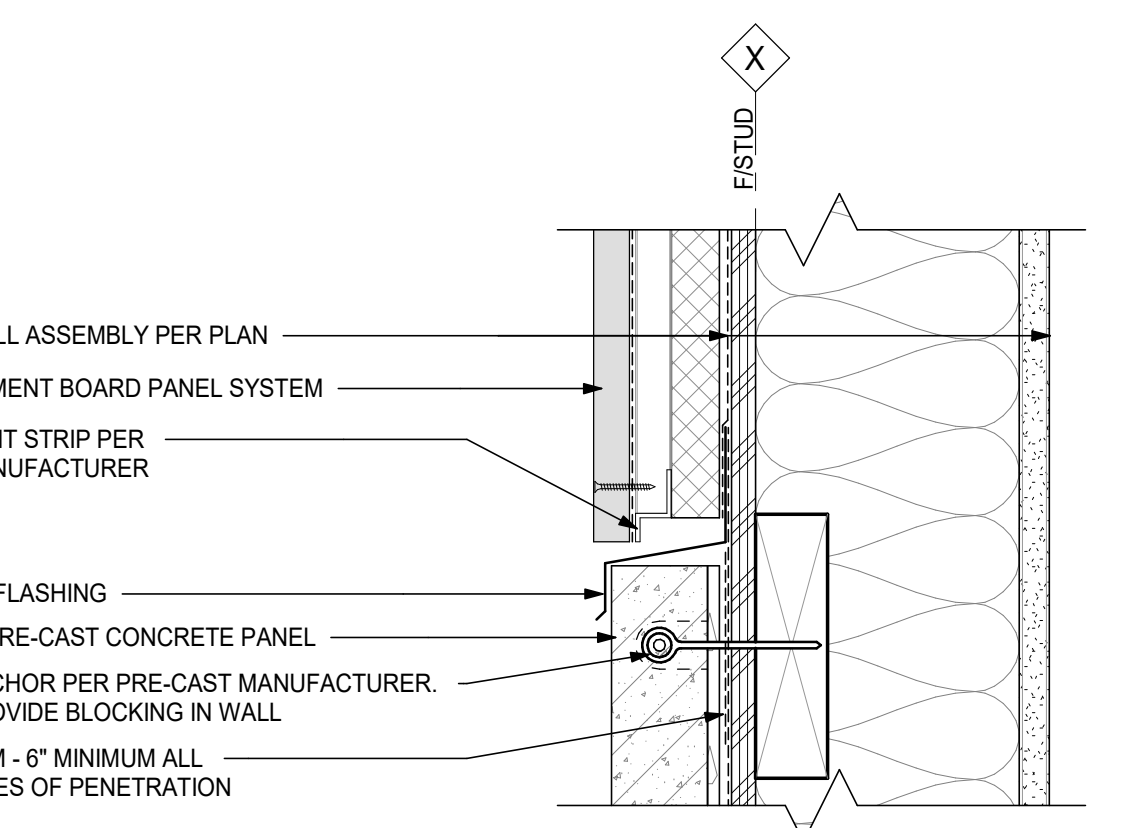
2 EXT CLAD - CEMENT BD PANEL SYSTEM
3\"/>



3 EXT CLAD - PRE-CAST CONCRETE BASE
3\"/>



4 CEMENT BOARD / BOX RIB TRANSITION
3\"/>



5 CEMENT BOARD / PRE-CAST TRANSITION
3\"/>



Project

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Revisions

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Issuance

BID SET

Date

2/3/21

Project Number

20006

Drawing Title

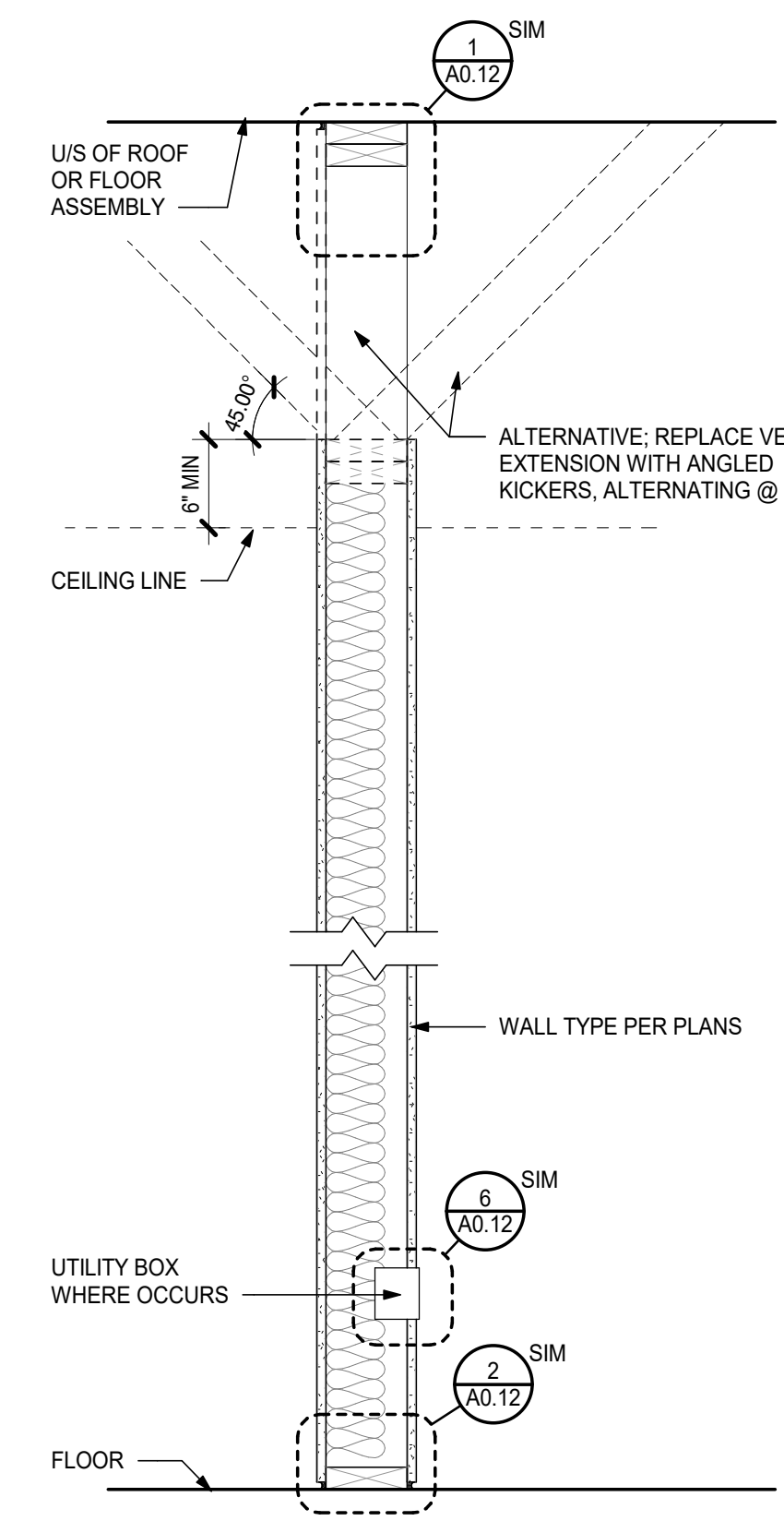
INTERIOR ASSEMBLIES

Sheet No

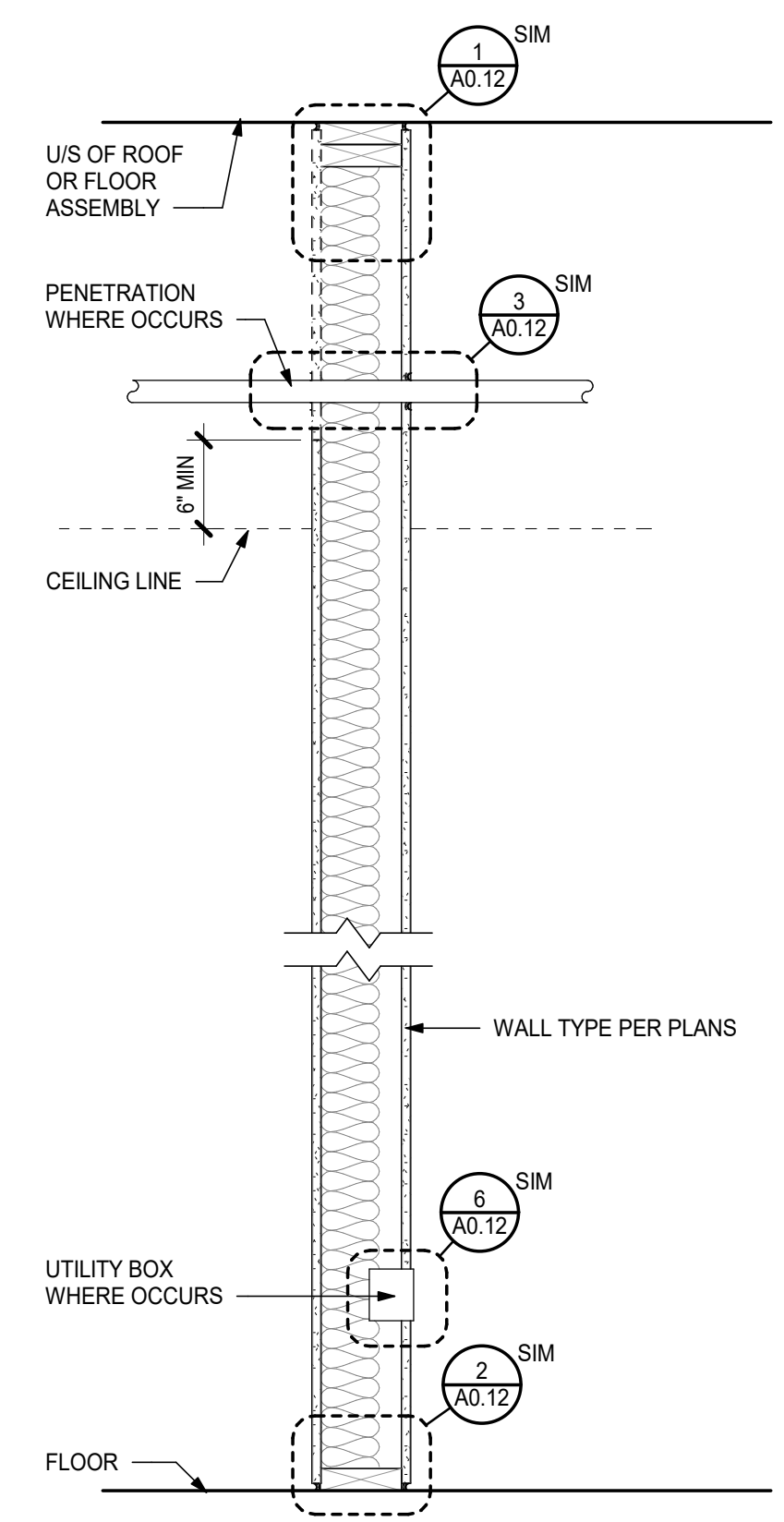
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SHEET NOTES

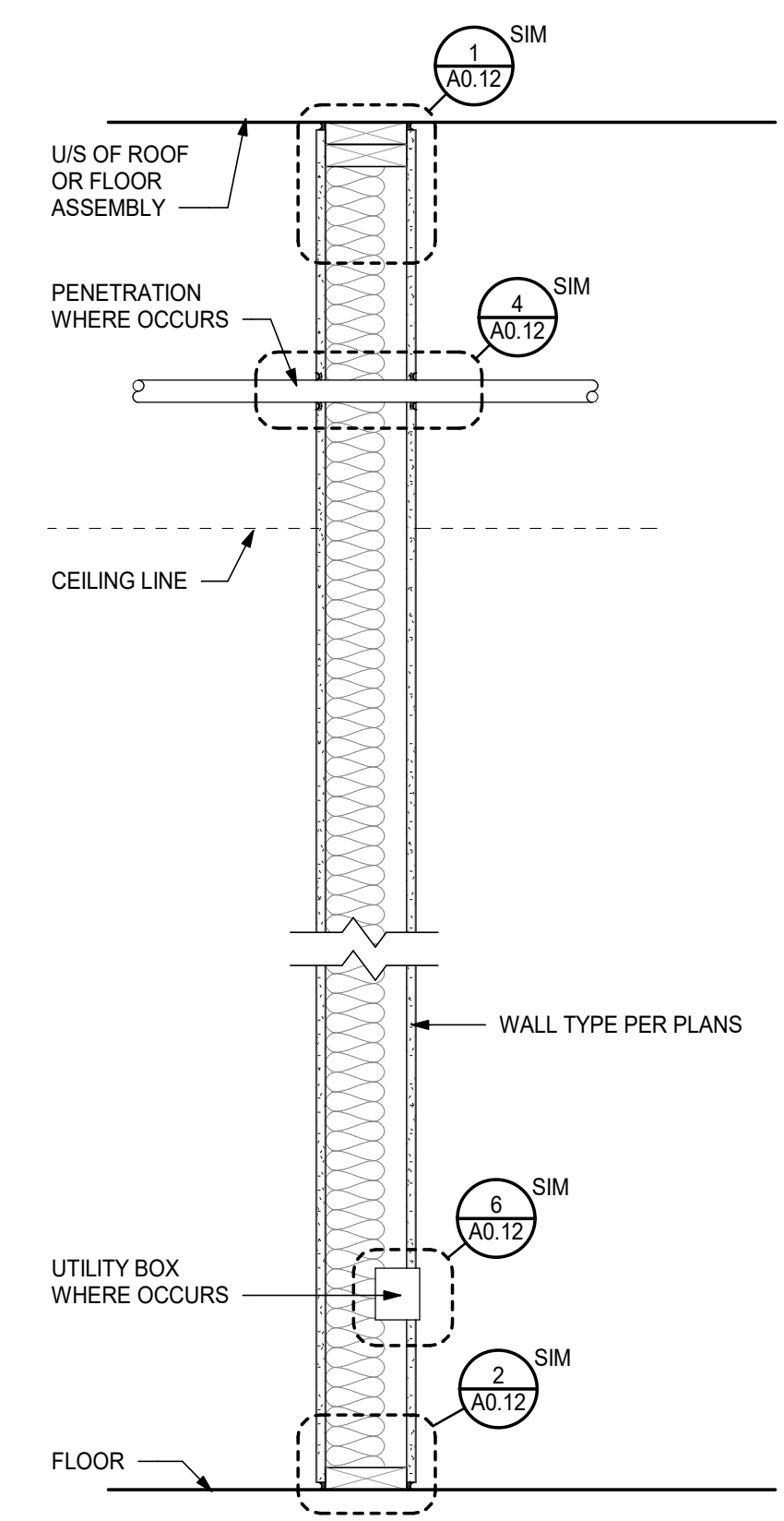
- DIMENSIONS ARE GENERALLY PROVIDED WITH REFERENCE TO NEAREST GRIDLINE WITHIN THAT QUADRANT OR AREA.
- ALL DIMENSIONS ARE FACE OF STUD (FOS) UNLESS OTHERWISE NOTED. CONTRACTOR TO ACCOUNT FOR BUILD-UP OF BACKING PLATES, PAN-HEAD SCREWS, ETC. IN LAYOUT OF TRACK TO ACCOMMODATE BUILD-UP AND PRESERVE REQUIRED DIMENSIONS.
- DIMENSION STRINGS ARE TO BE RECONCILED TO COLUMN GRIDLINES AT EACH INTERSECTION WITH A PERPENDICULAR RUN OF PLAN DIMENSIONS.
- ALL "MINIMUM" OR "CLEAR" DIMENSIONS SHALL BE MAINTAINED. ADA AND OTHER CODE REQUIRED MINIMUM DIMENSIONS ARE TO BE MAINTAINED AND FINAL CONFORMING LAYOUT VERIFICATIONS ARE THE CONTRACTORS RESPONSIBILITY.
- FIXED DIMENSIONS NOTED OUTSIDE THESE AREAS AND NOT NOTED AS "MINIMUM" OR "CLEAR" DIMENSIONS MAY BE ASSUMED TO HAVE A TOLERANCE OF +/- 1/4".
- DIMENSION STRINGS ATTEMPT TO PROVIDE A BREAK IN ITS LENGTH WITHIN EACH COLUMN BAY. WHERE THIS DOES NOT OCCUR, CONTRACTOR MAY SEEK A WRITTEN INTERPRETATION TO ACCOMMODATE A +/- TOLERANCE AT LOCATIONS NOT OTHERWISE NOTED AS "MINIMUM" OR "CLEAR" VIA RFI PROCESS.
- WALL LOCATIONS NOT SPECIFICALLY DIMENSIONED BUT IN CLOSE RELATIVE LOCATION TO DIMENSIONED WALLS ARE TO BE ALIGNED FLUSH. ARCHITECT TO PROVIDE CLARIFICATION AT AREAS OF CONCERN.
- WHERE TWO CORRIDORS INTERSECT, IT IS TO BE ASSUMED THAT THE WALL FACES ACROSS THE INTERSECTING CORRIDOR SHOULD CONTINUE IN ALIGNMENT (KEEPING A CONSISTENT CORRIDOR WIDTH).
- SHEATHING:
 - USE 5/8-INCH THICK TYPE X GYPSUM, WATER RESISTANT CORE WALLBOARD ASTM C1396, EXCEPT FOR SPECIAL CONDITIONS. USE FIRE RESISTANT TYPE X WALLBOARD ASTM C1396 IN FIRE RESISTANT RATED ASSEMBLIES. USE MOISTURE RESISTANT GLASS FIBER REINFORCED CONCRETE BACKING WALLBOARD ASTM C1325 AT WET LOCATIONS SUCH AS SHOWERS REQUIRING THE APPLICATION OF TILE. USE MOISTURE RESISTANT GLASS MAT PANELS ASTM C1658 BEHIND TILE AT NON-WET AREAS AND PAINTED AREAS SUBJECT TO MOISTURE.
- FINISH:
 - PROVIDE ACCESSORIES, FASTENERS, AND FINISHING MATERIALS IN ACCORDANCE WITH ASTM C1047, C1002, AND C840. INSTALL AND FINISH GYPSUM WALLBOARD IN ACCORDANCE WITH ASTM C840. PROVIDE FINISH LEVEL AS NOTED IN SPECIFICATIONS.
- RATED:
 - PROVIDE FIRE AND/OR SMOKE RATED PARTITIONS THAT COMPLY WITH PUBLISHED UL, FM GLOBAL, OR IBC DESIGNS.



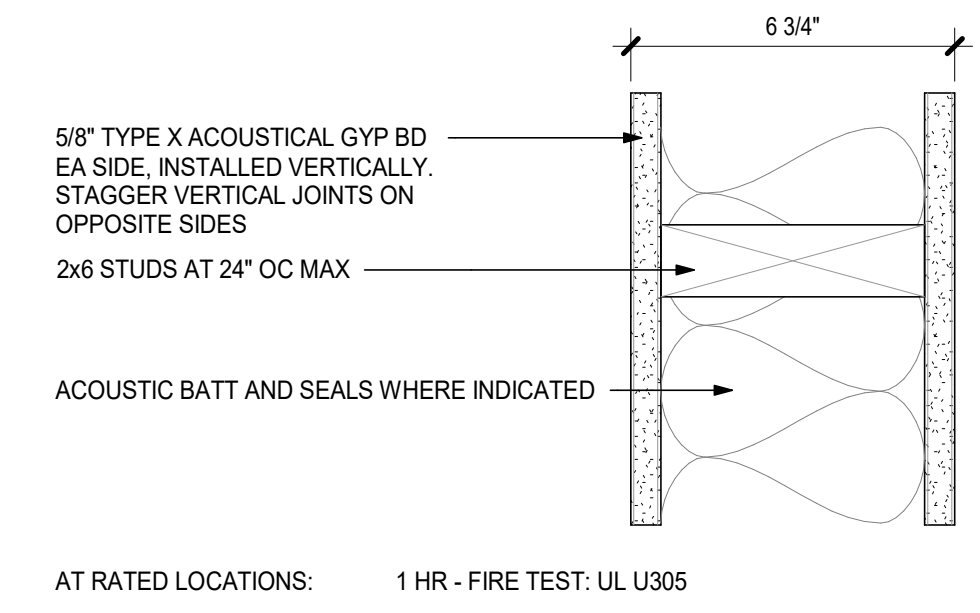
3 PARTITION ABOVE CLG
1" = 1'-0"



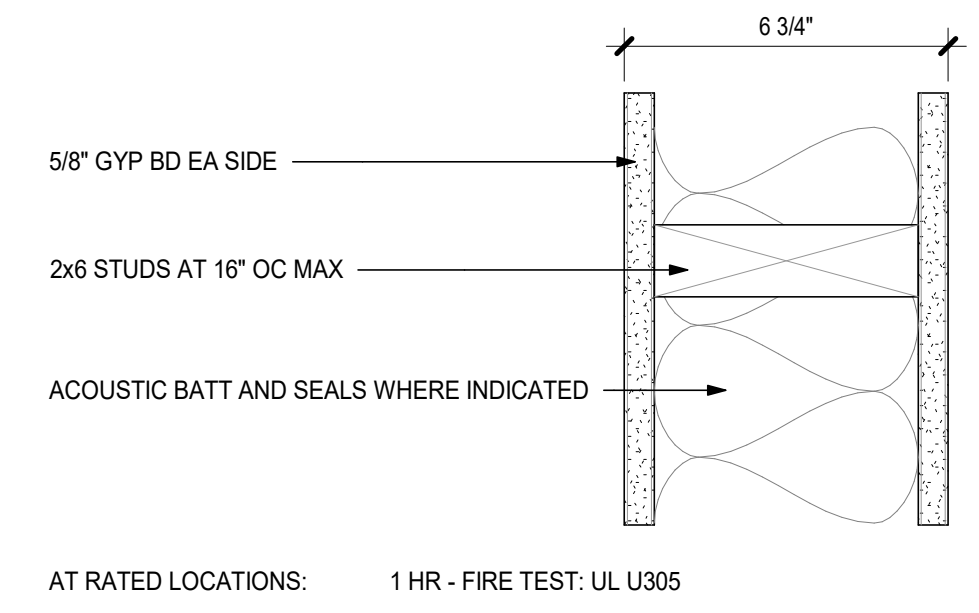
2 PARTITION TO U/S DECK
1" = 1'-0"



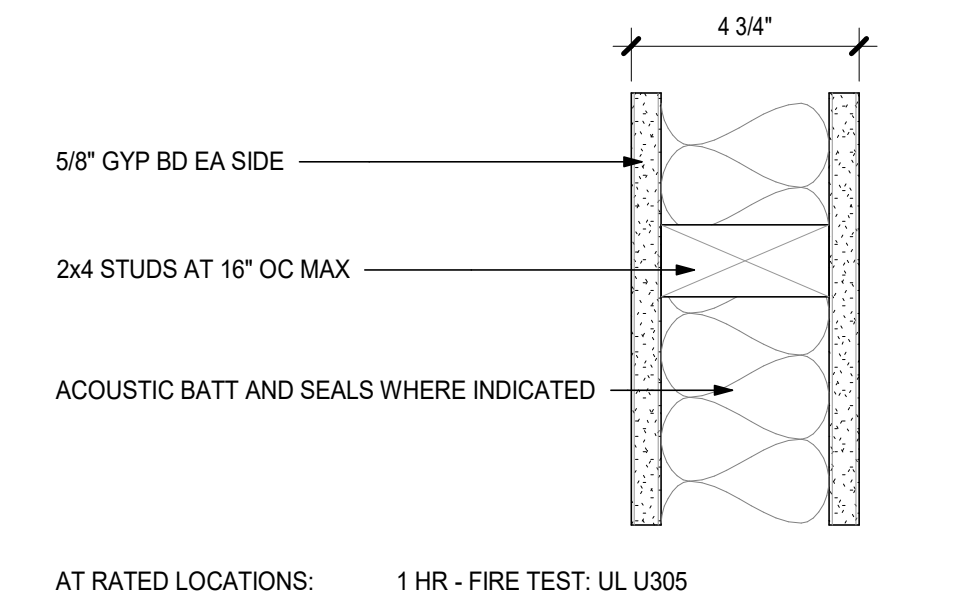
1 FIRE-RATED PARTITION
1" = 1'-0"



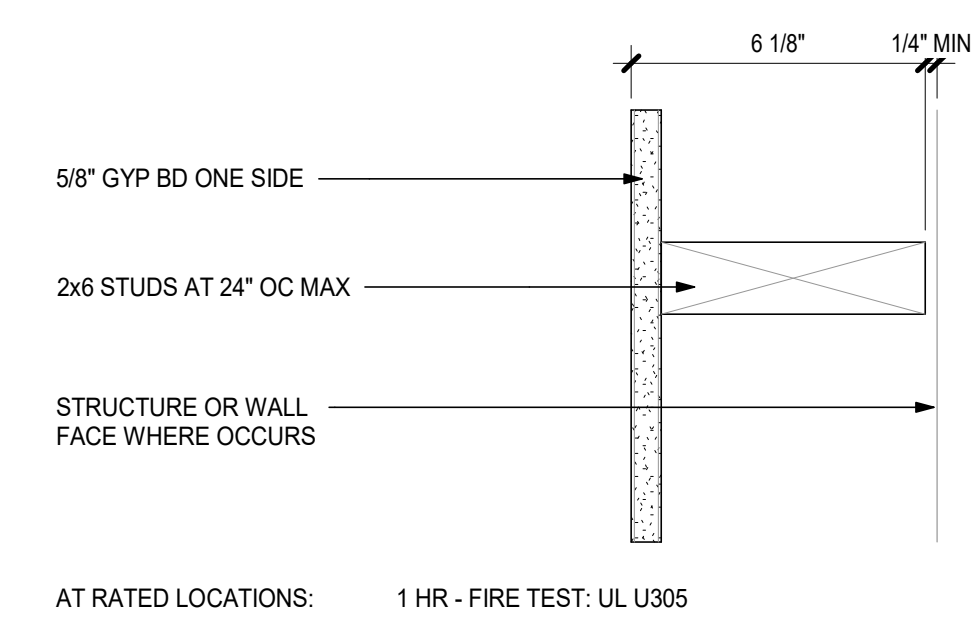
B03 ACOUSTICAL WALL
3\"/>



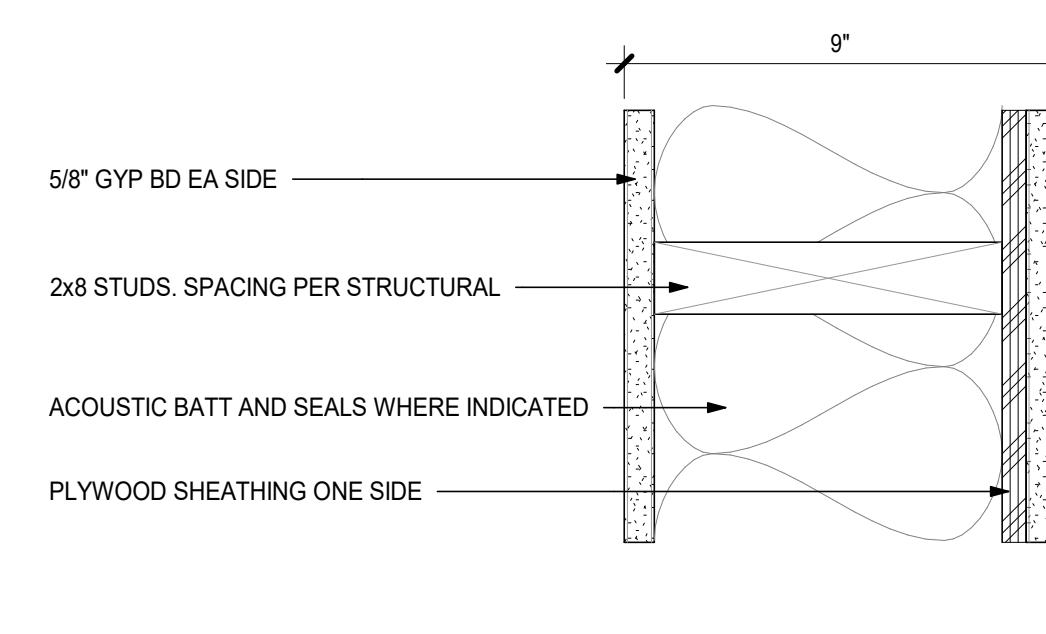
B02 TYP INTERIOR PARTITION, 2x6
3\"/>



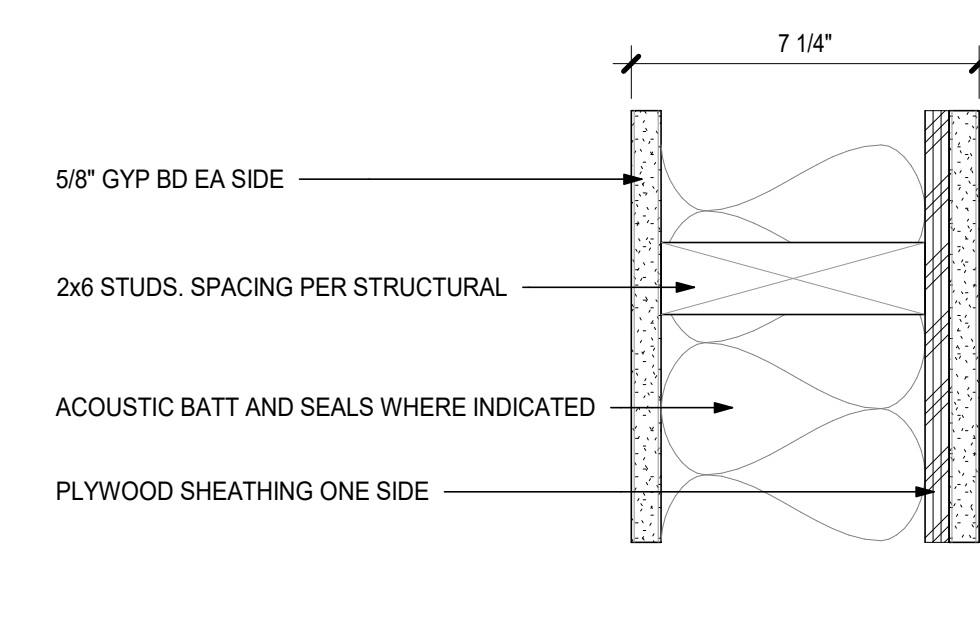
B01 TYPICAL INTERIOR PARTITION
3\"/>



F01 RESTROOM LEDGE FURRING
3\"/>



B05 INTERIOR SHEAR WALL, 2x8
3\"/>



B04 INTERIOR SHEAR WALL, 2x6
3\"/>



Project

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Revisions

No.	Description	Date

Stamp



Issuance

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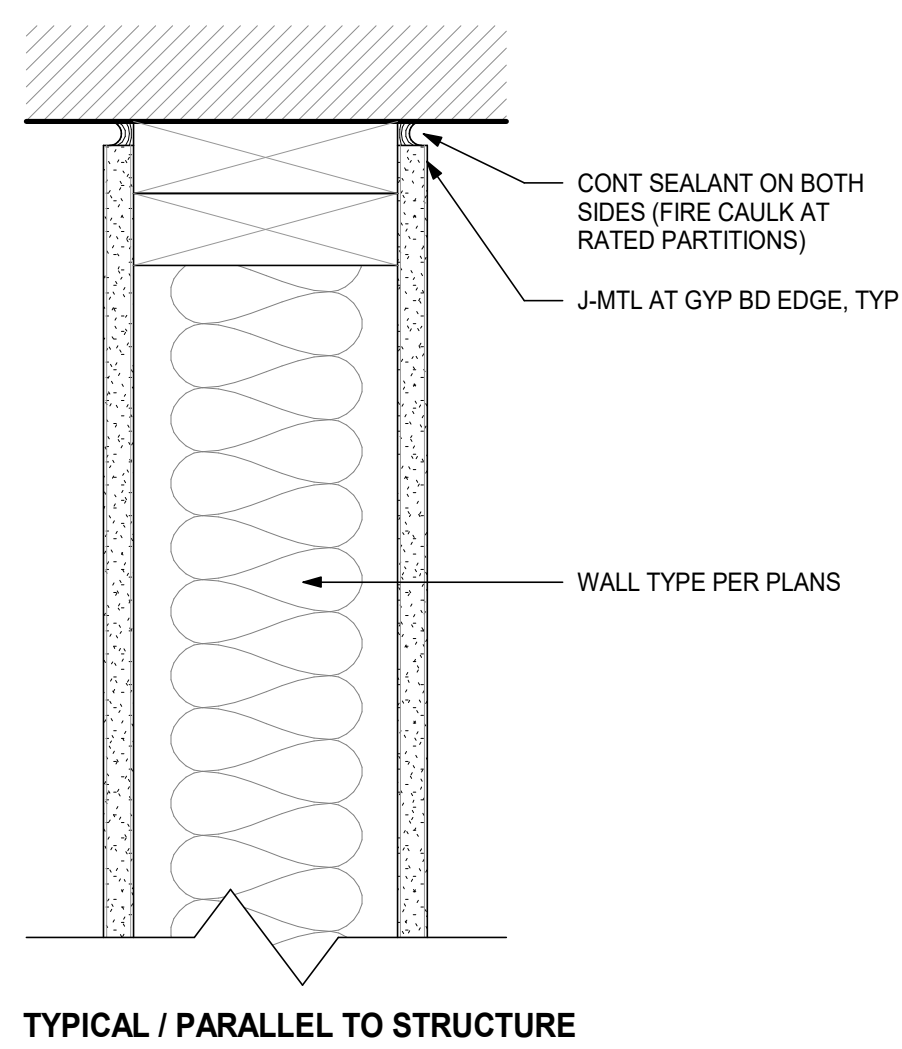
Date
2/3/21

Project Number
20006

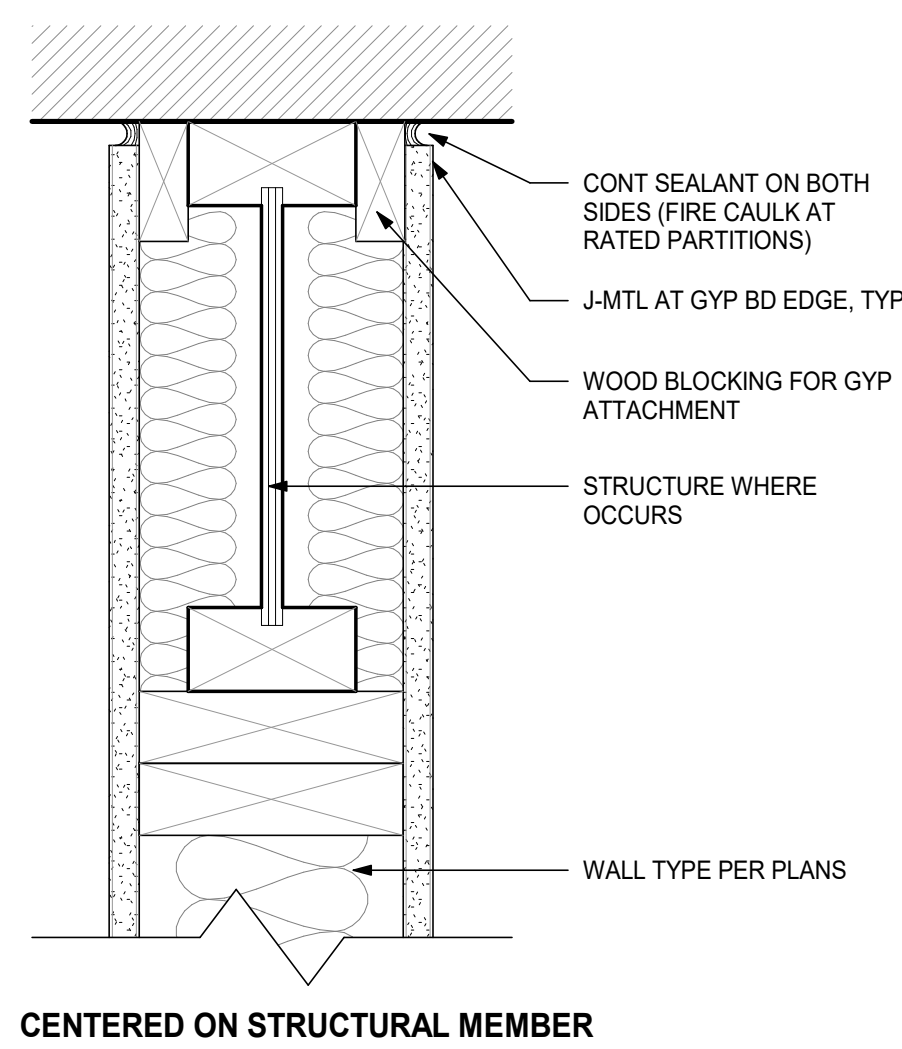
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INTERIOR ASSEMBLIES

Sheet No

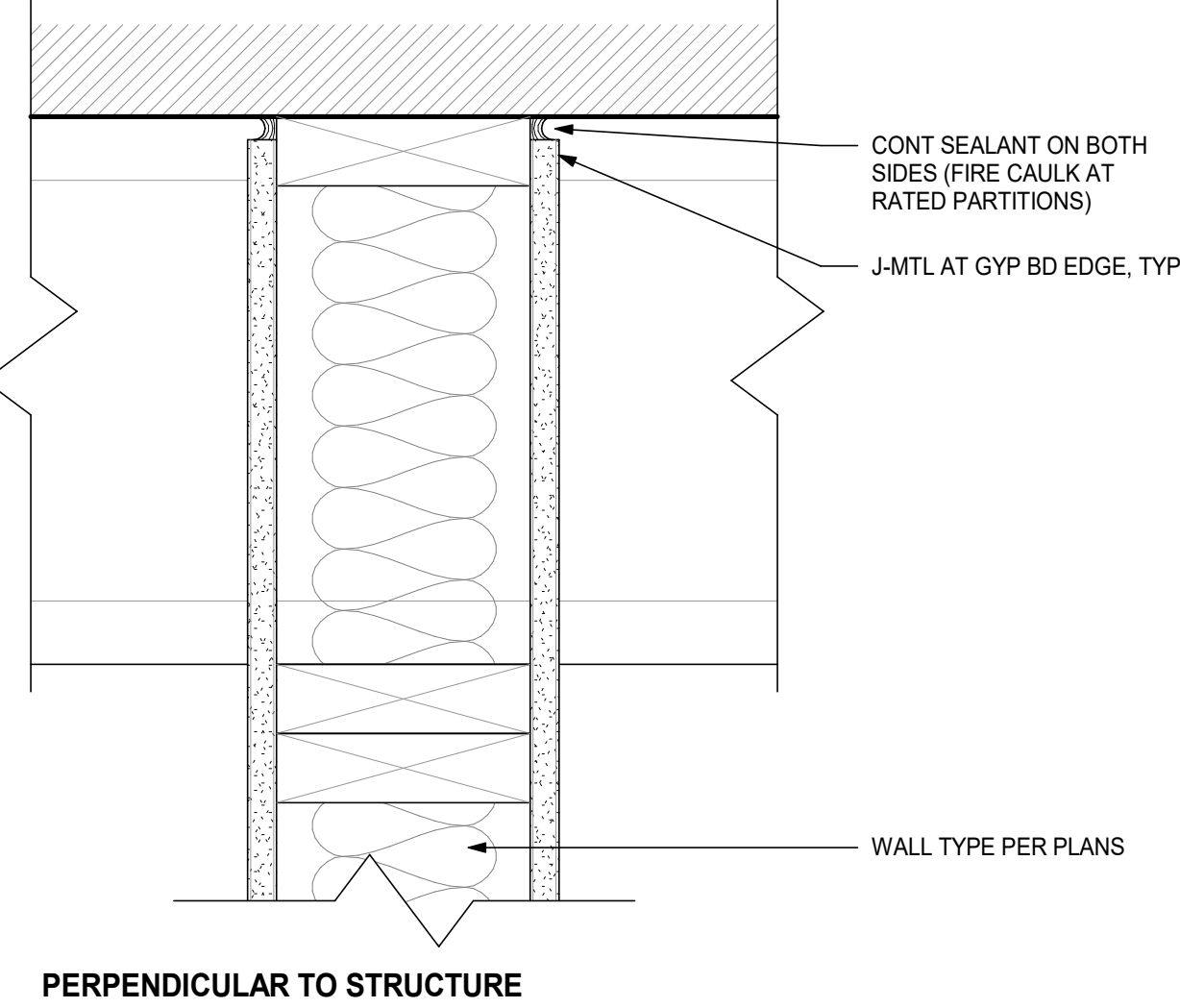
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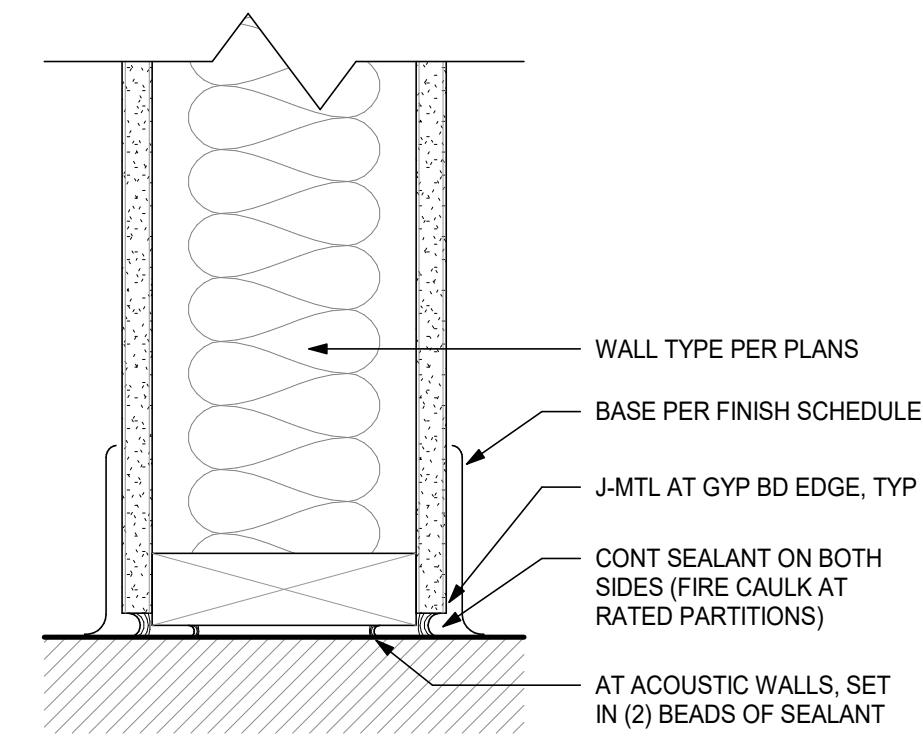
TYPICAL / PARALLEL TO STRUCTURE



CENTERED ON STRUCTURAL MEMBER

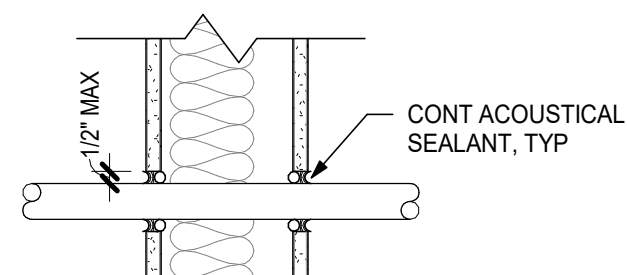


PERPENDICULAR TO STRUCTURE

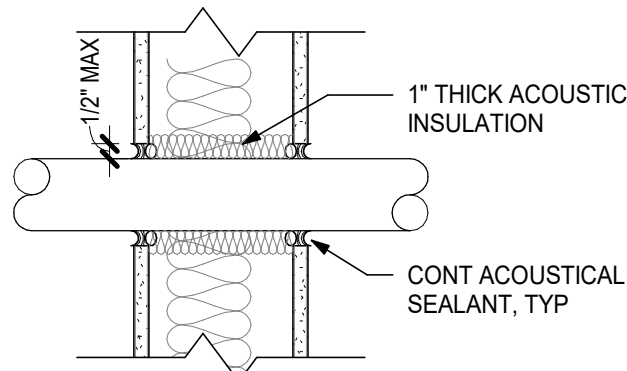


2 PARTITION SILL - TYP
3" = 1'-0"

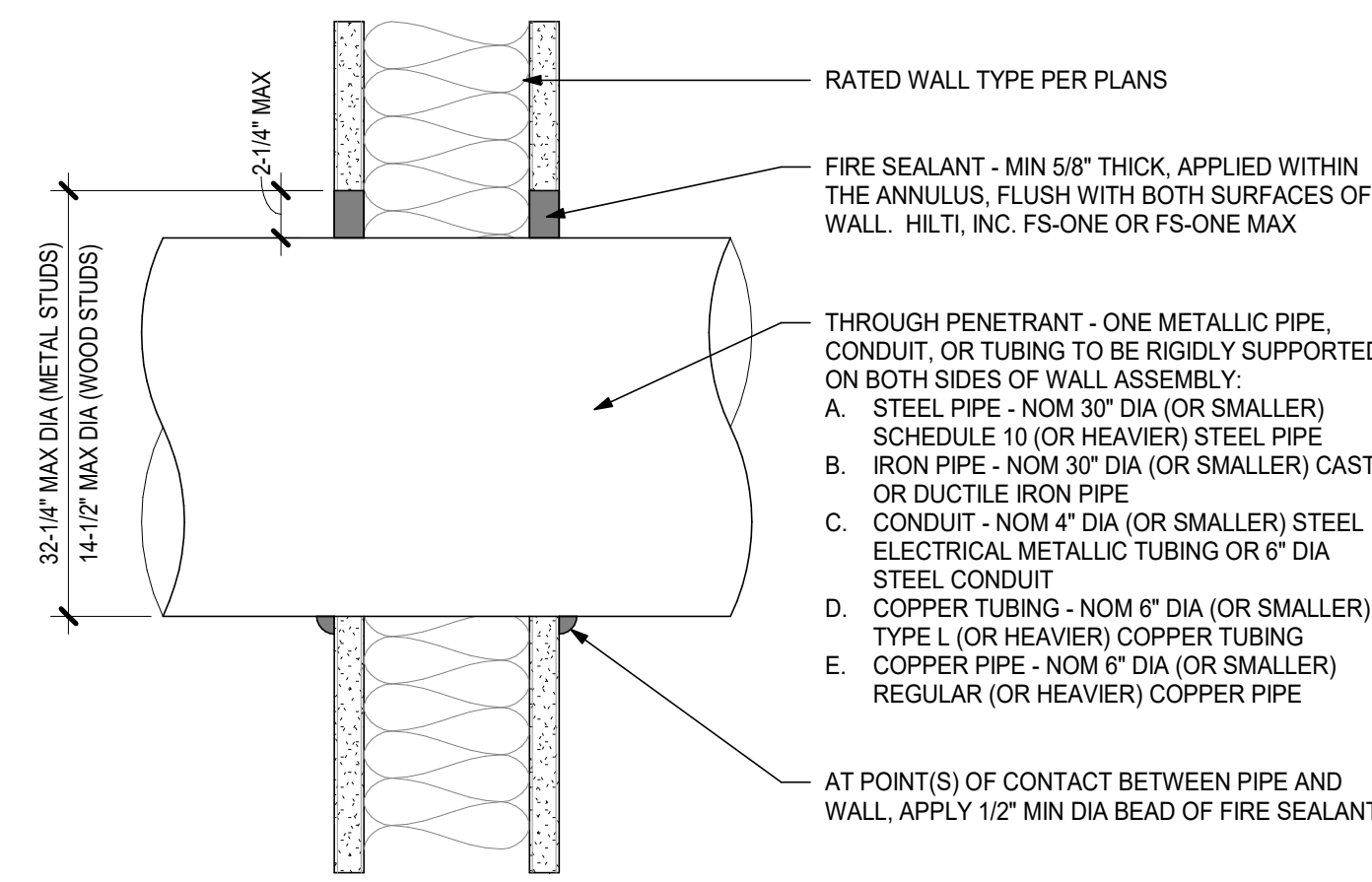
1 PARTITION HEAD CONDITIONS
3" = 1'-0"



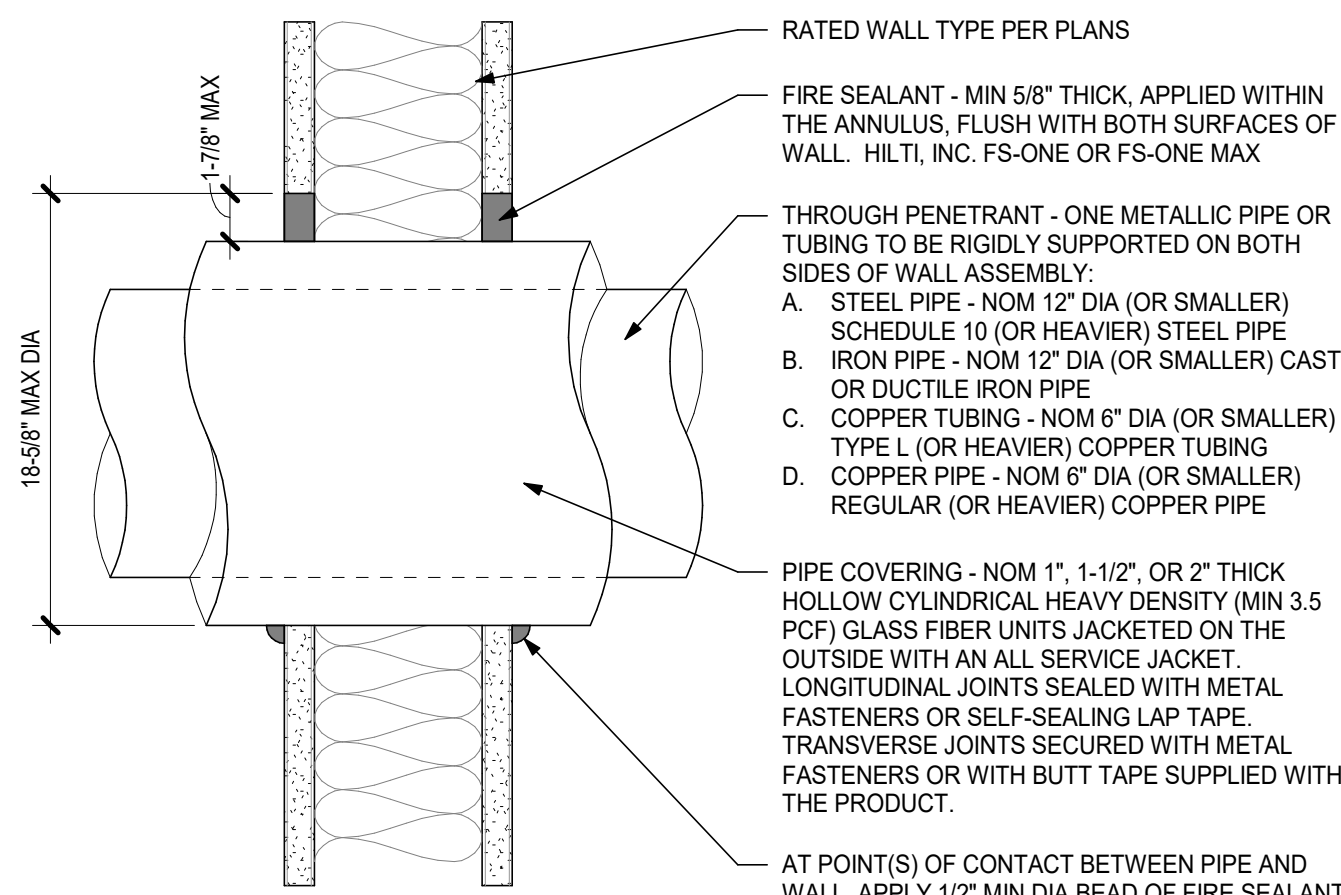
PENETRATION 1" DIA OR LESS



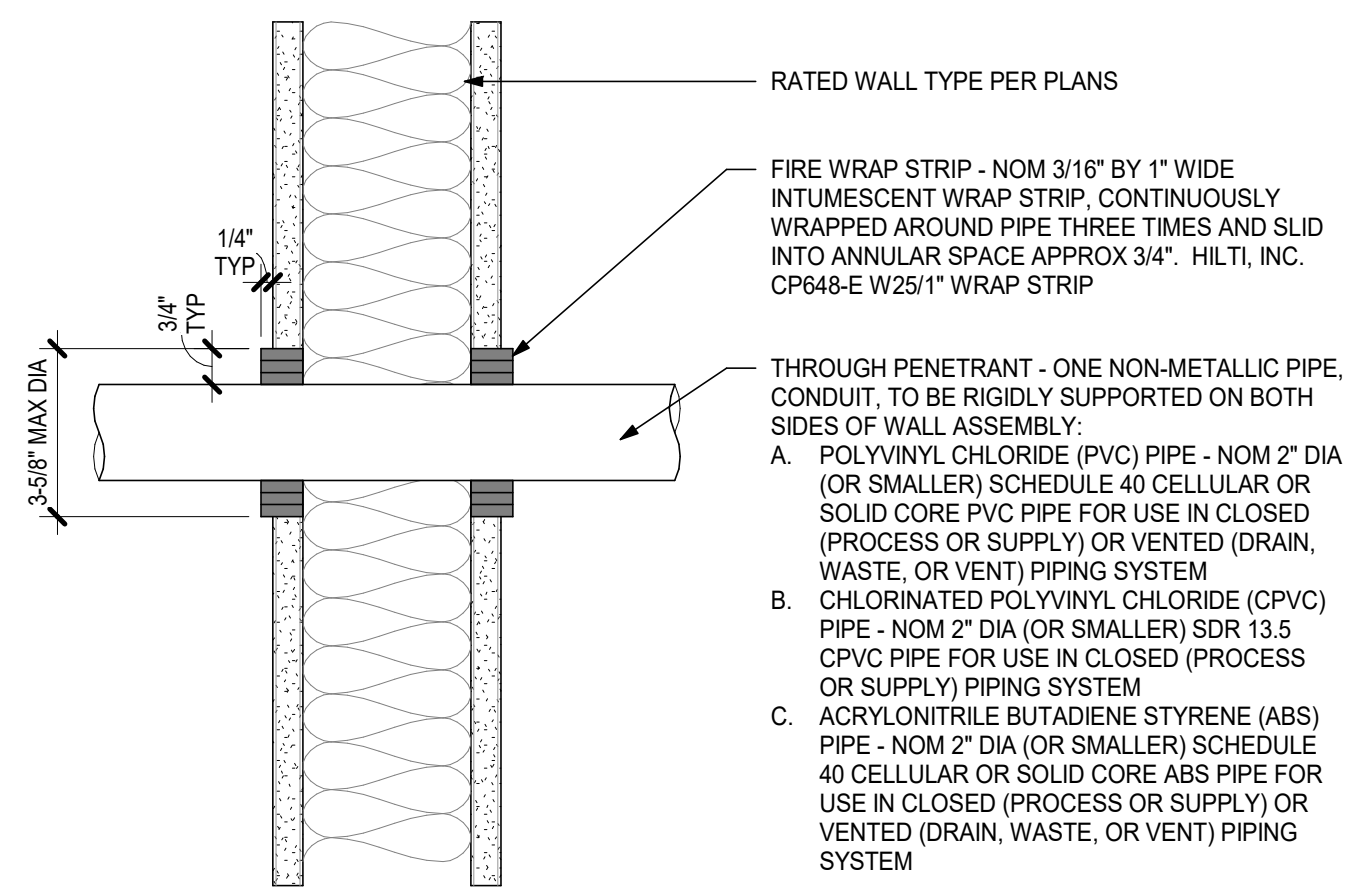
3 PENETRATION GREATER THAN 1" DIA
NON-RATED PENETRATIONS
1 1/2" = 1'-0"



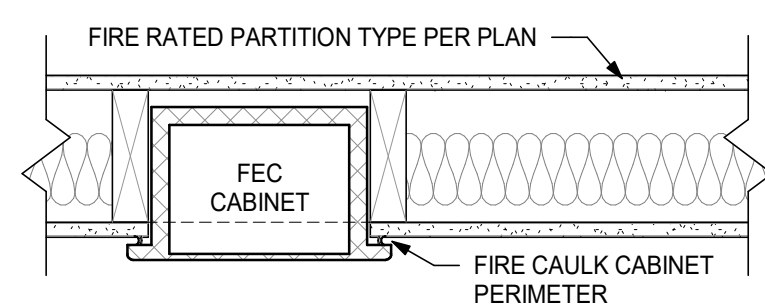
4 1 OR 2 HOUR METALLIC PENETRATION - UL SYSTEM NO. W-L-1054
RATED ASSEMBLY PENETRATION DETAILS
3" = 1'-0"



1 OR 2 HOUR WRAPPED METALLIC PENETRATION - UL SYSTEM NO. W-L-1054

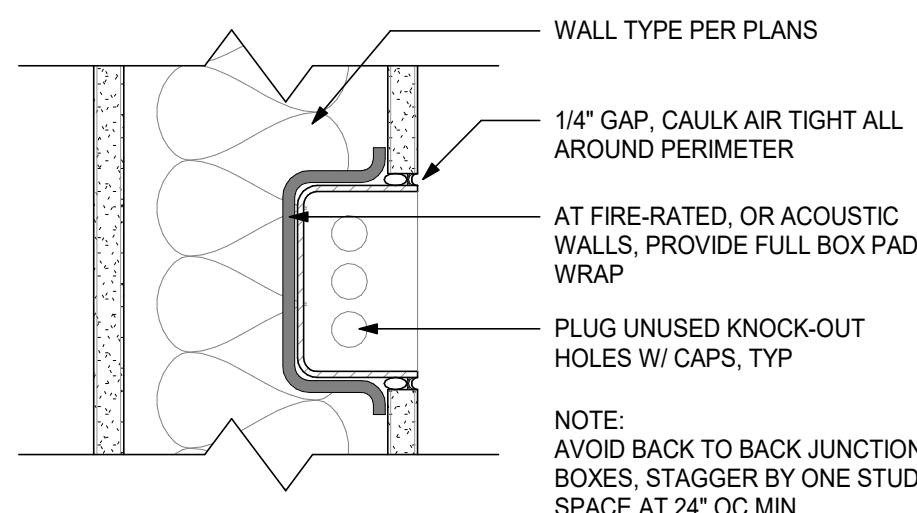


1 OR 2 HOUR NON-METALLIC PENETRATION - UL SYSTEM NO. W-L-2234



THIS DETAIL IS FOR REFERENCE ONLY; FIRE ASSEMBLIES SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THEIR LISTING AND THE MANUFACTURE'S PRINTED INSTALLATION INSTRUCTIONS.

5 RATED EXTINGUISHER CABINET
1 1/2" = 1'-0"



6 UTILITY BOX PENETRATION
3" = 1'-0"

Project
Millersburg Fire Station 15
3215 Transition Parkway NE
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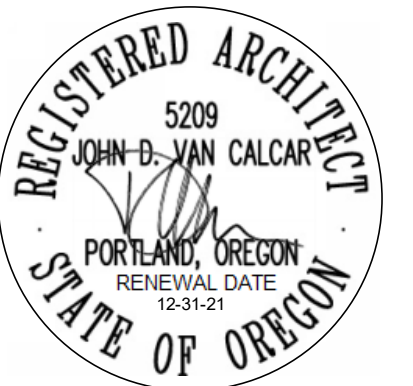
Project

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No.	Description	Date
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Date

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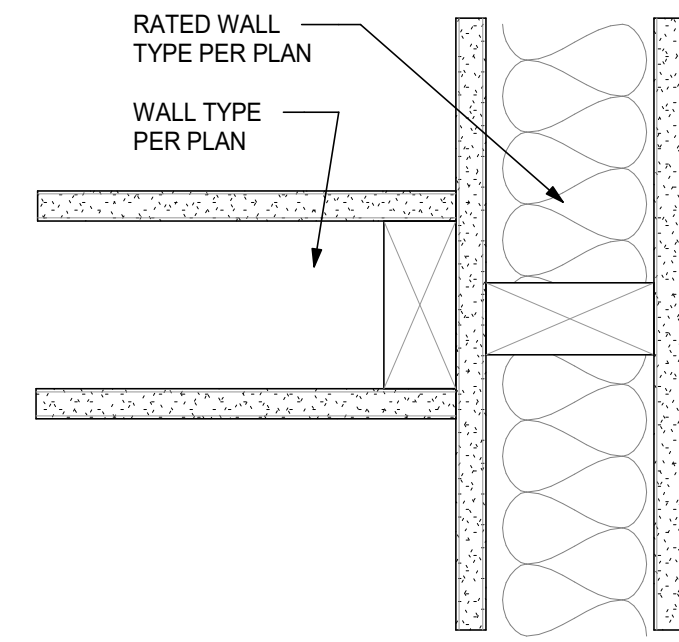
20006

Drawing Title

INTERIOR ASSEMBLIES

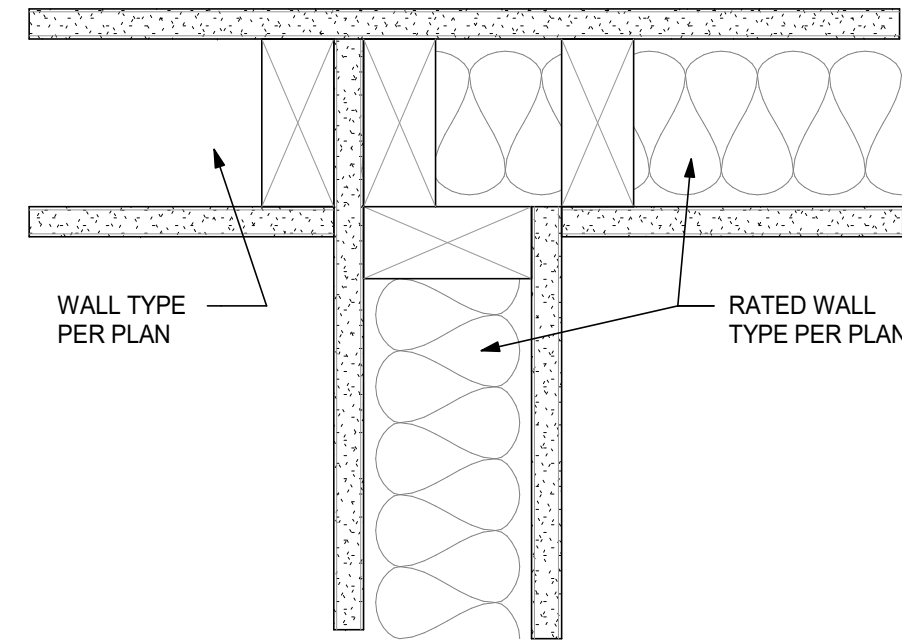
Sheet No

A0.21



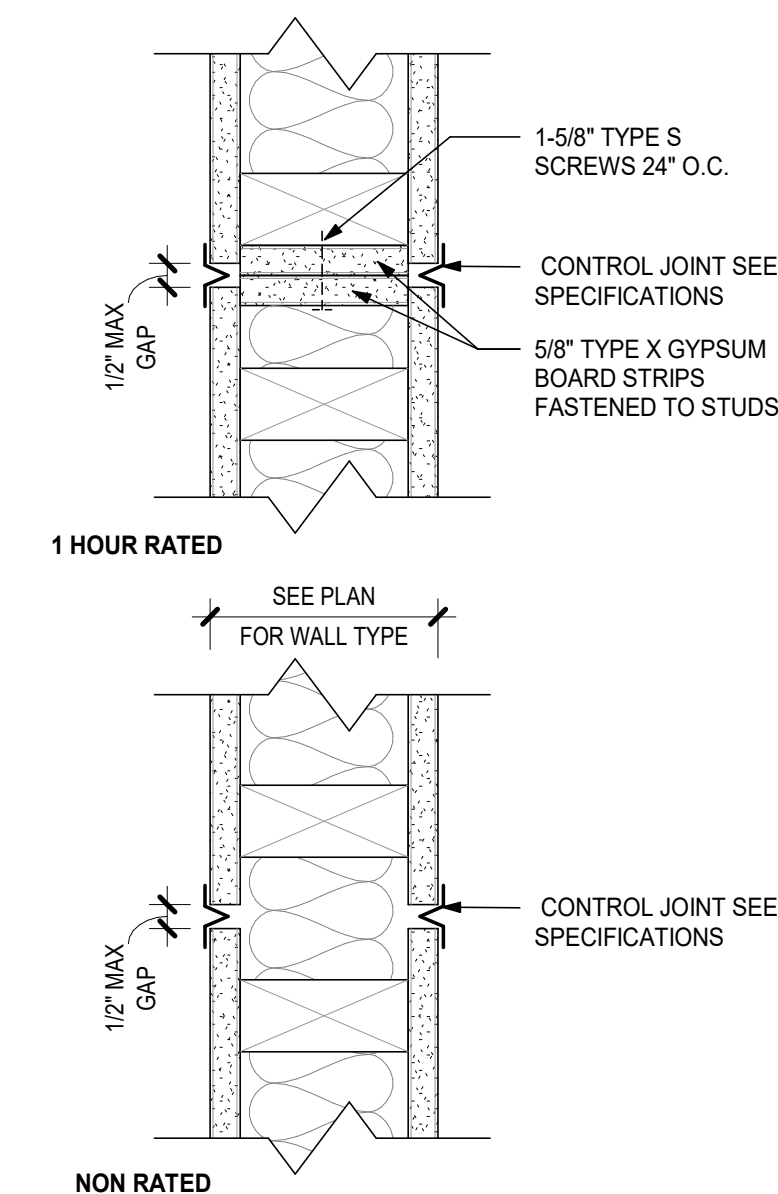
RATED TO NON RATED INTERSECTION

5 WALL PLAN DETAIL
3" = 1'-0"

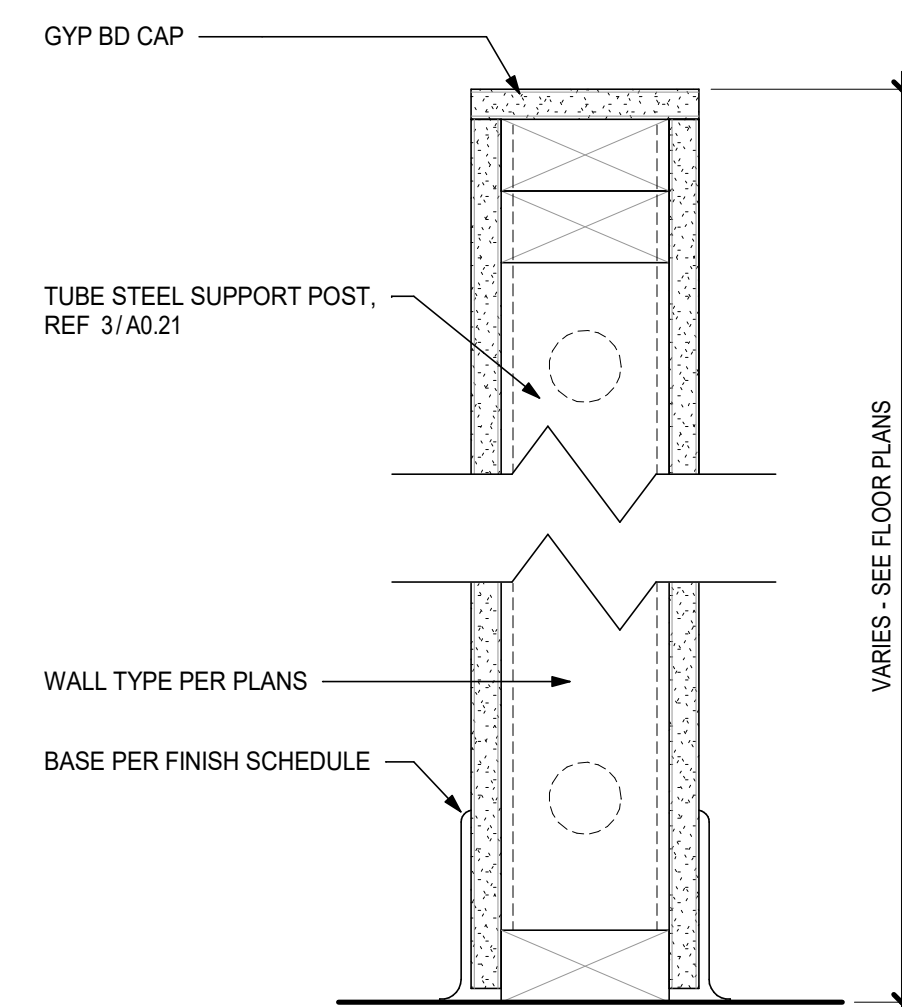


RATED TO NON RATED CORNER

4 WALL PLAN DETAIL
3" = 1'-0"



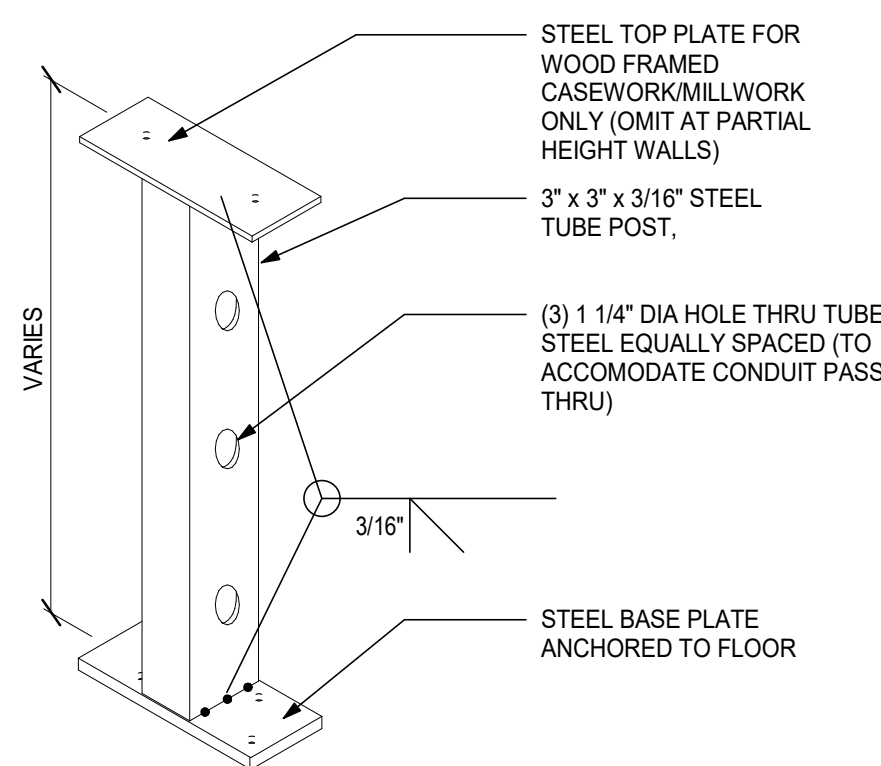
1 GYP CONTROL JOINT 1
3" = 1'-0"



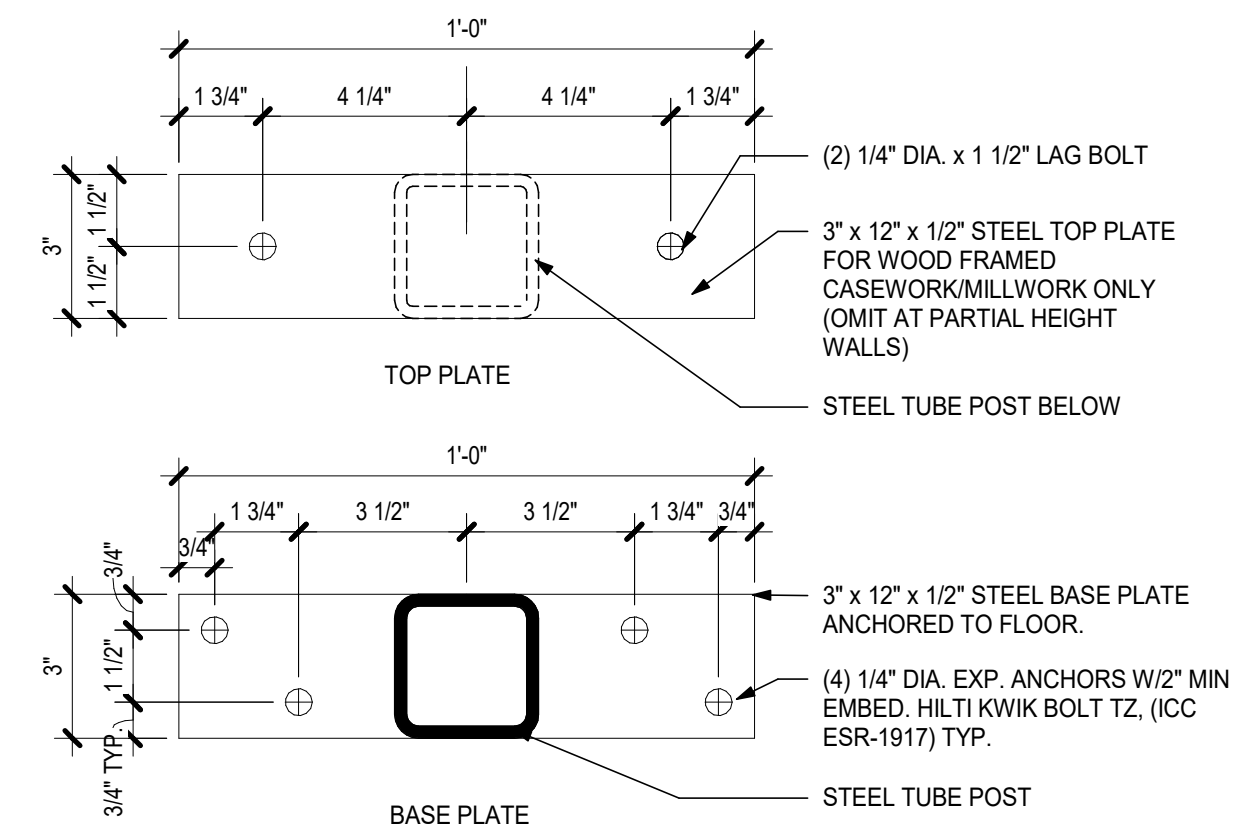
2 PARTIAL HEIGHT WALL DETAIL
3" = 1'-0"

LOCATION NOTE:

1. TUBE STEEL SUPPORT POST LOCATED AT ALL FREESTANDING CASEWORK/MILLWORK AND INTEGRATED INTO THE CASEWORK/MILLWORK @ 6'-0" O.C. AND WITHIN 16" OF EACH FREE END OR CORNER CONDITION.
2. TUBE STEEL SUPPORT POST LOCATED AT ALL PARTIAL HEIGHT WALLS @ 6'-0" O.C. AND WITHIN 16" OF EACH FREE END OR CORNER CONDITION. SEE FLOOR PLANS FOR WALL TYPE LOCATIONS/HEIGHTS AND PARTITION TYPES SHEET FOR PARTITION TAG LEGEND.



3 TUBE STEEL SUPPORT POST
3" = 1'-0"



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Albany, OR 97321



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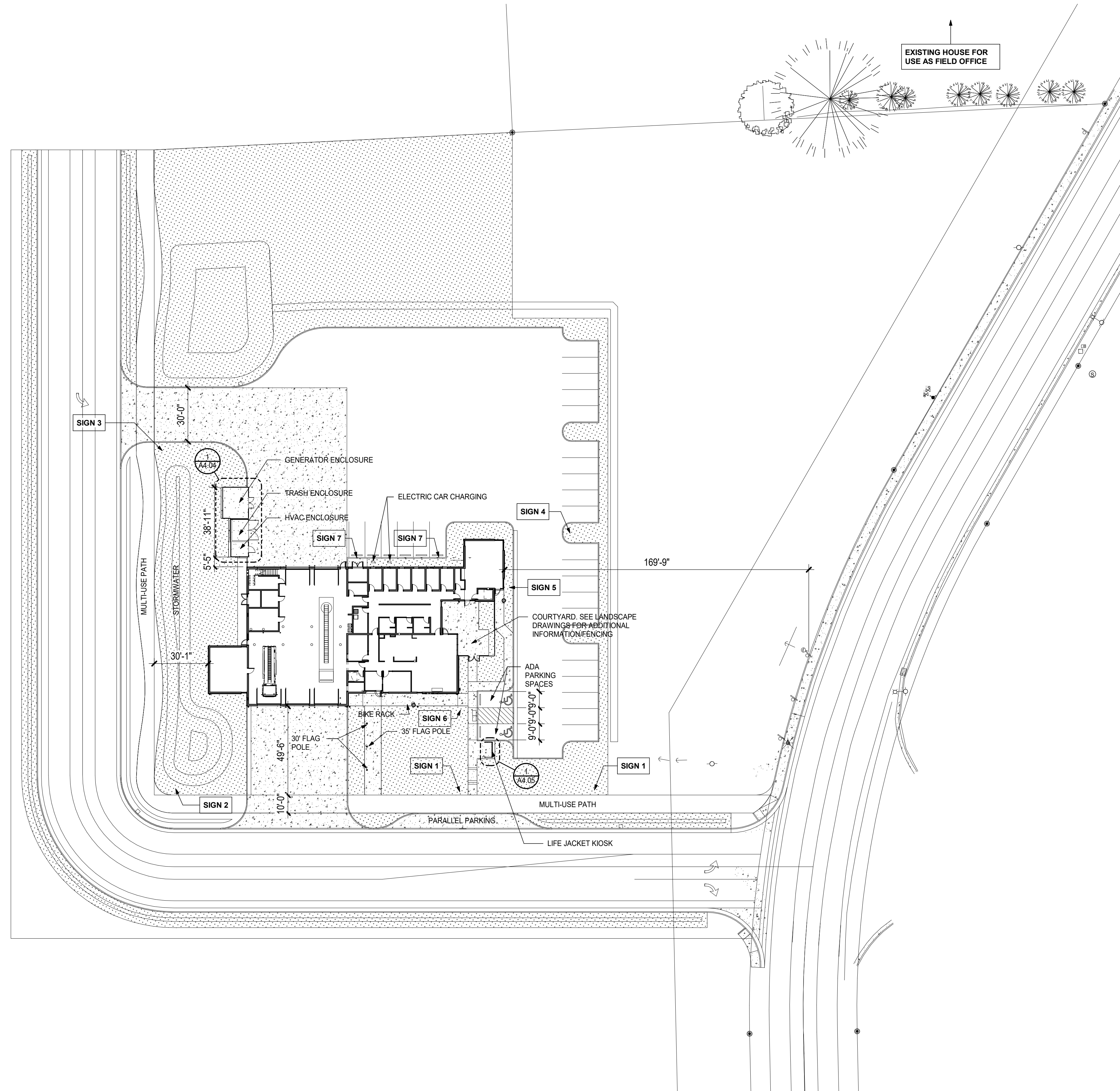
**ARCHITECTURAL
SITE PLAN**

Sheet No

A1.01

SHEET NOTES

1. ARCHITECTURAL SITE PLAN SHOWN FOR REFERENCE ONLY. REFER TO CIVIL AND LANDSCAPE DRAWINGS FOR SPECIFIC SITE INFORMATION.
2. SEE SHEET A8.50 FOR SIGNAGE DETAILS



1 OVERALL SITE PLAN

1/32" = 1'-0"



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OVERALL FLOOR PLAN

Sheet No

A2.01

SHEET NOTES

1. ANY EXTERIOR WALL NOT LABELED WITH A WALL TAG SHALL BE WALL TYPE: W01.
2. ANY INTERIOR WALL NOT LABELED WITH A WALL TAG SHALL BE WALL TYPE: B01, WITH GYP TERMINATING AT 6" ABOVE CEILING.
3. REFER TO SHEET A0.11 FOR INTERIOR PARTITION TYPES AND KEY.
4. REFER TO DIMENSIONAL STANDARDS ON A0.11.
5. ALL ACOUSTIC WALL SEPARATIONS MUST BE SEALED FOR SOUND TRANSMISSION.
6. SEE FOUNDATION PLAN FOR SLAB SLOPE AT TRENCH DRAINS
7. PROVIDE UNDER-SLAB VAPOR BARRIER BENEATH ENTIRE SLAB-ON-GRADE.

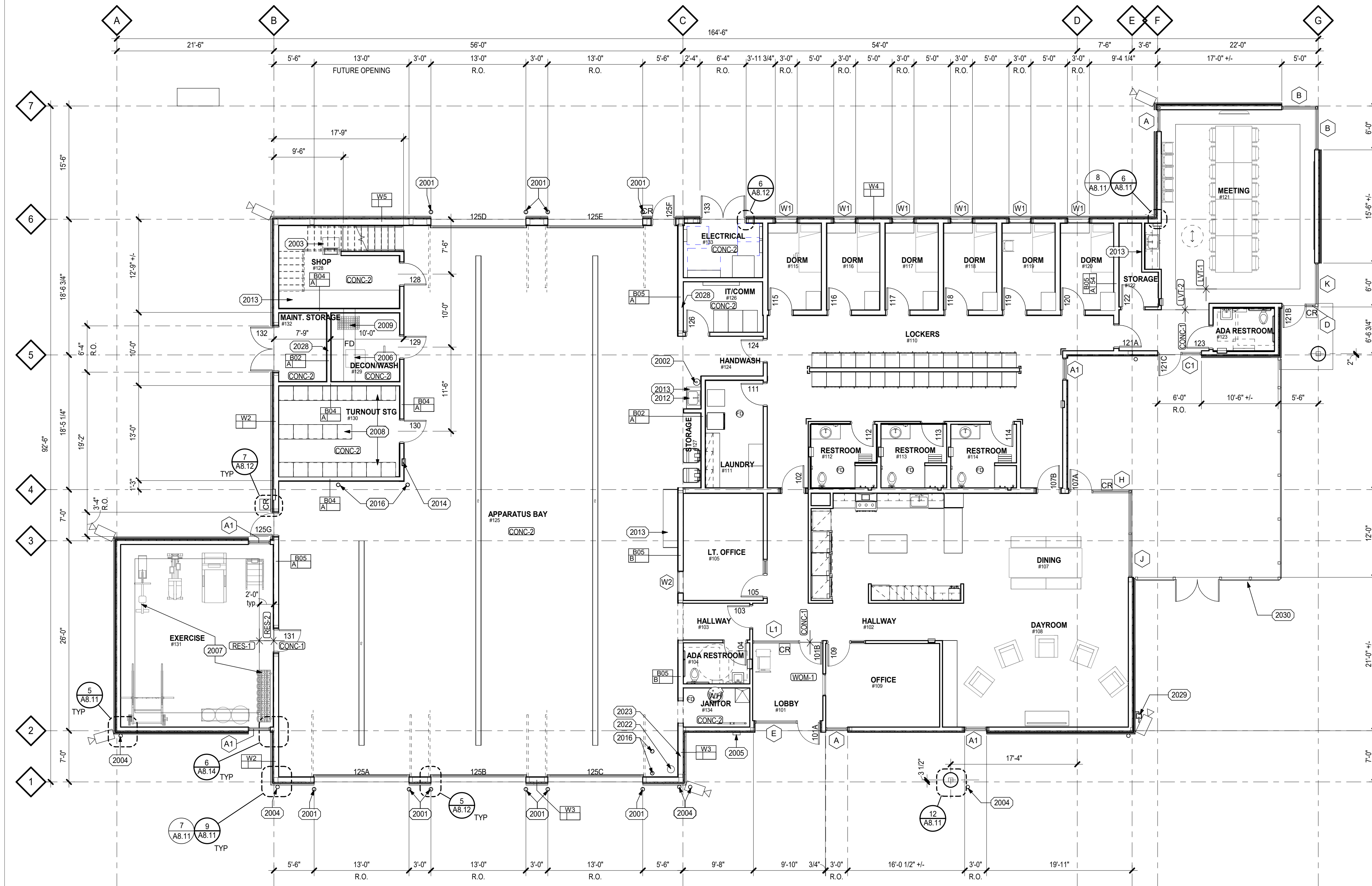
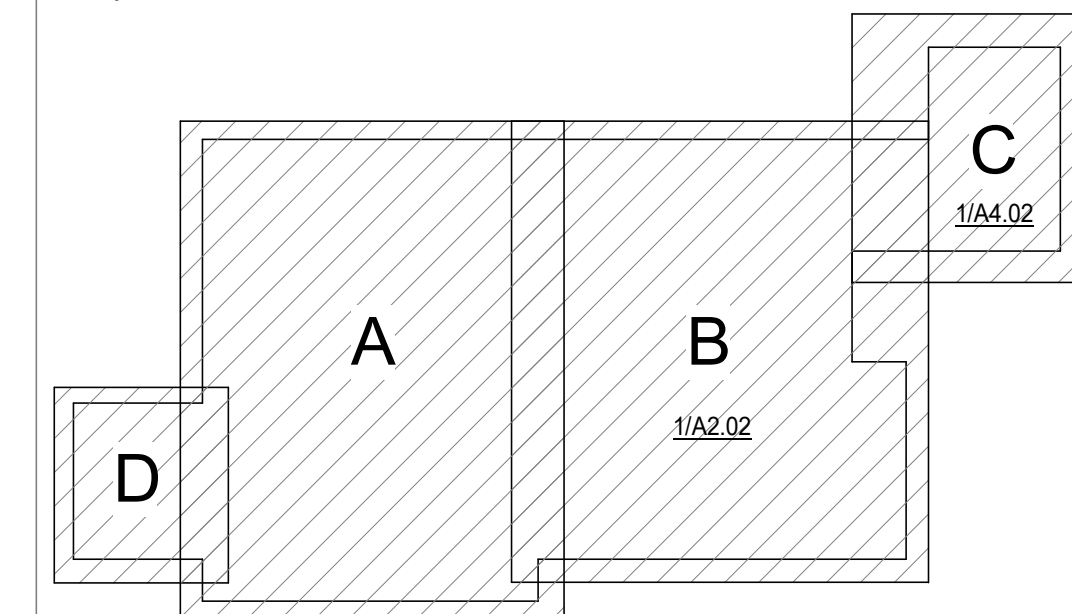
LEGEND

- ENLARGED VIEW MARK
1-SECTION NO.
A101= SHEET NO.
- PARTITION MARK
(REF. INTERIOR ASSEMBLIES)
- WINDOW TAG
- DOOR TAG
- FLOOR DRAIN - SEE PLUMBING DRAWINGS
- FLOOR TRENCH DRAIN - SEE PLUMBING DRAWINGS AND STRUCTURAL FOUNDATION PLAN
- FLOOR SINK - SEE KITCHEN EQUIPMENT DRAWINGS
- LOCATION OF FLOORING TRANSITION (MATERIAL A TO B)
- ORIENTATION OF FLOORING DIRECTION
- FLOOR FINISH
- CORNER GUARDS

LEGEND - KEYNOTES

MARK	DESCRIPTION
2001	6" DIA. BOLLARD
2002	EYE WASH
2003	ICE MACHINE
2004	6" DIA. DOWNSPOUT, SEE CIVIL PER CONNECTION.
2005	INTERCOM/DOOR ENTRY BOX, SEE ELECTRICAL FOR ADD'L INFO.
2006	EXTRACTOR WASHER, SEE PLUMBING FOR ADD'L INFO.
2007	GYM EQUIPMENT BY OWNER, COORDINATE LOCATIONS WITH OWNER, PROVIDE BLOCKING AS REQUIRED.
2008	TURNOUT RACKS, RELOCATE (12) FROM OWNER'S EXISTING FACILITY, PROVIDE (1) NEW TRIPLE RACK AND (3) NEW DOUBLE RACKS.
2009	DRYING RACKS BY OWNER.
2012	WASH STATION, SEE PLUMBING FOR ADD'L INFO.
2013	COUNTERTOP.
2014	FIRE EXTINGUISHER CABINET.
2016	BOLT-DOWN 6" DIA. BOLLARD.
2022	FIRE SPRINKLER RISER, SEE PLUMBING FOR ADD'L INFO.
2023	FIRE SPRINKLER CONTROL PANEL LOCATION.
2028	INTERIOR FINISH WALL SURFACE TO BE PLYWOOD, THIS ROOM ONLY.
2029	GAS METER, SEE PLUMBING
2030	COURTYARD FENCE, SEE LANDSCAPE DRAWINGS

Key Plan



1 OVERALL FLOOR PLAN

1/8" = 1'-0"





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Drawing Title

**LIVING QUARTERS
FLOOR PLAN**

Sheet No.

A2.02

SHEET NOTES

1. ANY EXTERIOR WALL NOT LABELED WITH A WALL TAG SHALL BE WALL TYPE: W01.
2. ANY INTERIOR WALL NOT LABELED WITH A WALL TAG SHALL BE WALL TYPE: B01, WITH GYP TERMINATING AT 6" ABOVE CEILING.
3. REFER TO SHEET A0.11 FOR INTERIOR PARTITION TYPES AND KEY.
4. REFER TO DIMENSIONAL STANDARDS ON A0.11.
5. ALL ACOUSTIC WALL SEPARATIONS MUST BE SEALED FOR SOUND TRANSMISSION.
6. SEE FOUNDATION PLAN FOR SLAB SLOPE AT TRENCH DRAINS
7. PROVIDE UNDER-SLAB VAPOR BARRIER BENEATH ENTIRE SLAB-ON-GRADE.

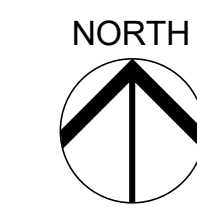
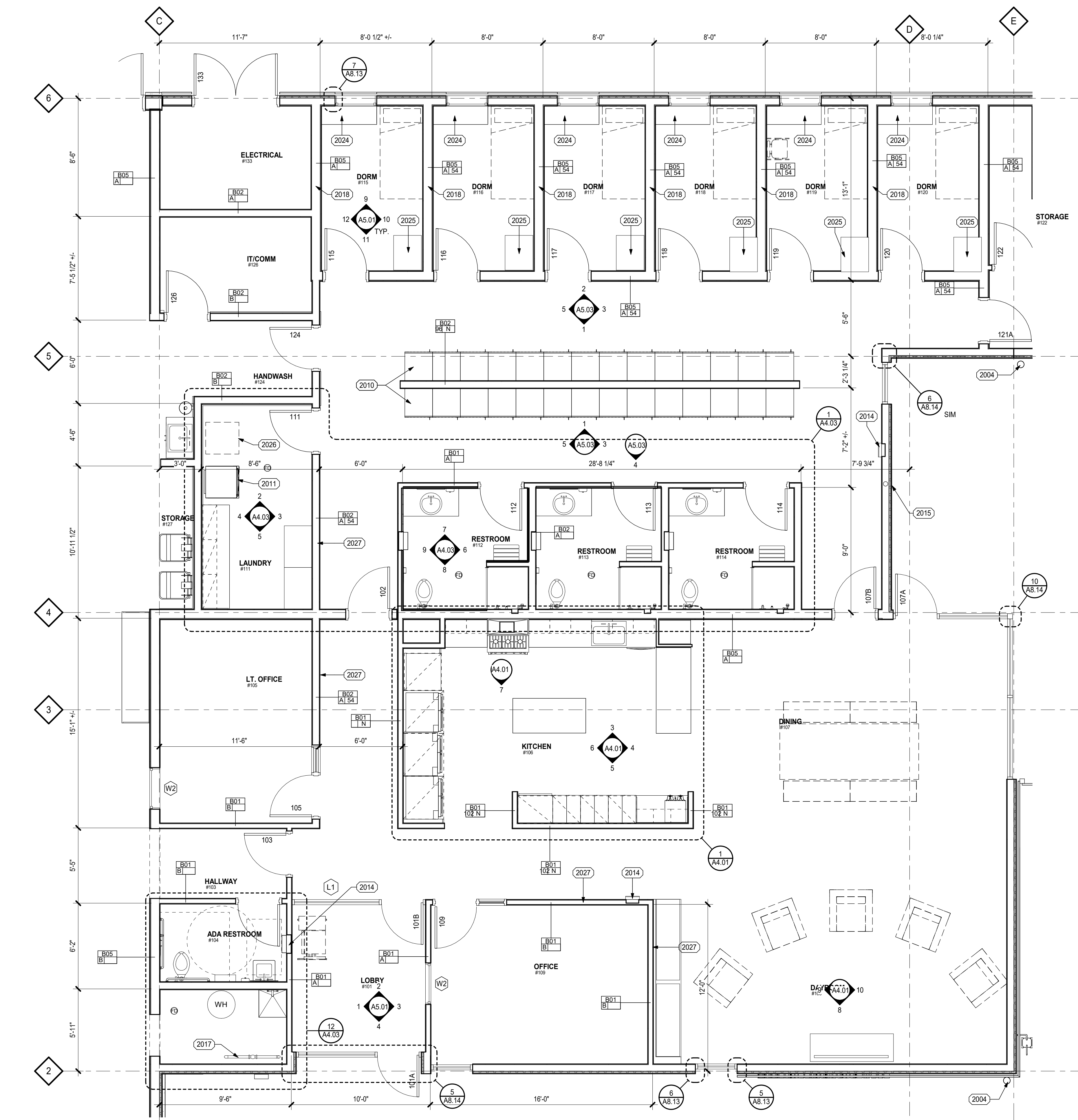
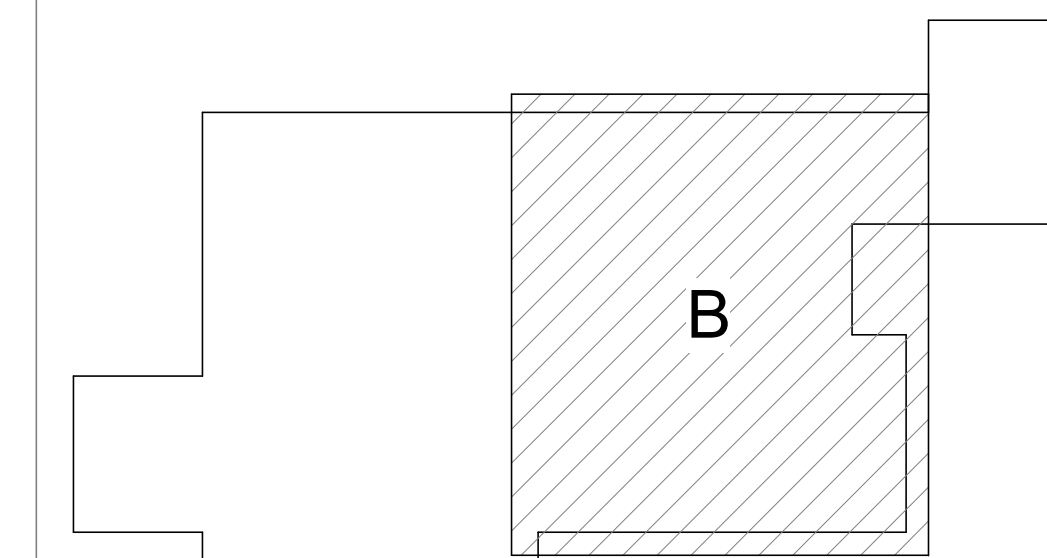
LEGEND

- ENLARGED VIEW MARK
1=SECTION NO.
A101=SHEET NO.
- PARTITION MARK
(REF. INTERIOR ASSEMBLIES)
- WINDOW TAG
- DOOR TAG
- FLOOR DRAIN - SEE PLUMBING DRAWINGS
- FLOOR TRENCH DRAIN - SEE PLUMBING DRAWINGS AND STRUCTURAL FOUNDATION PLAN
- FLOOR SINK - SEE KITCHEN EQUIPMENT DRAWINGS

LEGEND - KEYNOTES

MARK	DESCRIPTION
2004	6" DIA. DOWNSPOUT, SEE CIVIL PER CONNECTION.
2010	LOCKERS.
2011	STACKING WASHER/DRYER, OFCI
2014	FIRE EXTINGUISHER CABINET.
2015	GAS FOR BBQ CONNECTION. SEE PLUMBING FOR ADD'L INFO.
2017	BACKFLOW DEVICE. SEE PLUMBING FOR ADD'L INFO.
2018	(3) ROBE HOOKS. PROVIDE BACKING IN WALL.
2024	SHELF. SEE DETAIL 7/A9.01
2025	LINEN CABINET.
2026	FUTURE WASHER/DRYER. PROVIDE PLUMBING AND POWER
2027	PROVIDE IN-WALL BLOCKING FOR FUTURE WHITEBOARDS OR DISPLAY ITEMS

Key Plan



1 LIVING QUARTERS PLAN
1/4" = 1'-0"

DATE 2/1/2021 7:32:44 PM
FILE PATH: BIM 360/ Millersburg Fire Station/ Millersburg FS-CDs.rvt



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Drawing Title

OVERALL ROOF PLAN

Sheet No

A2.03

SHEET NOTES

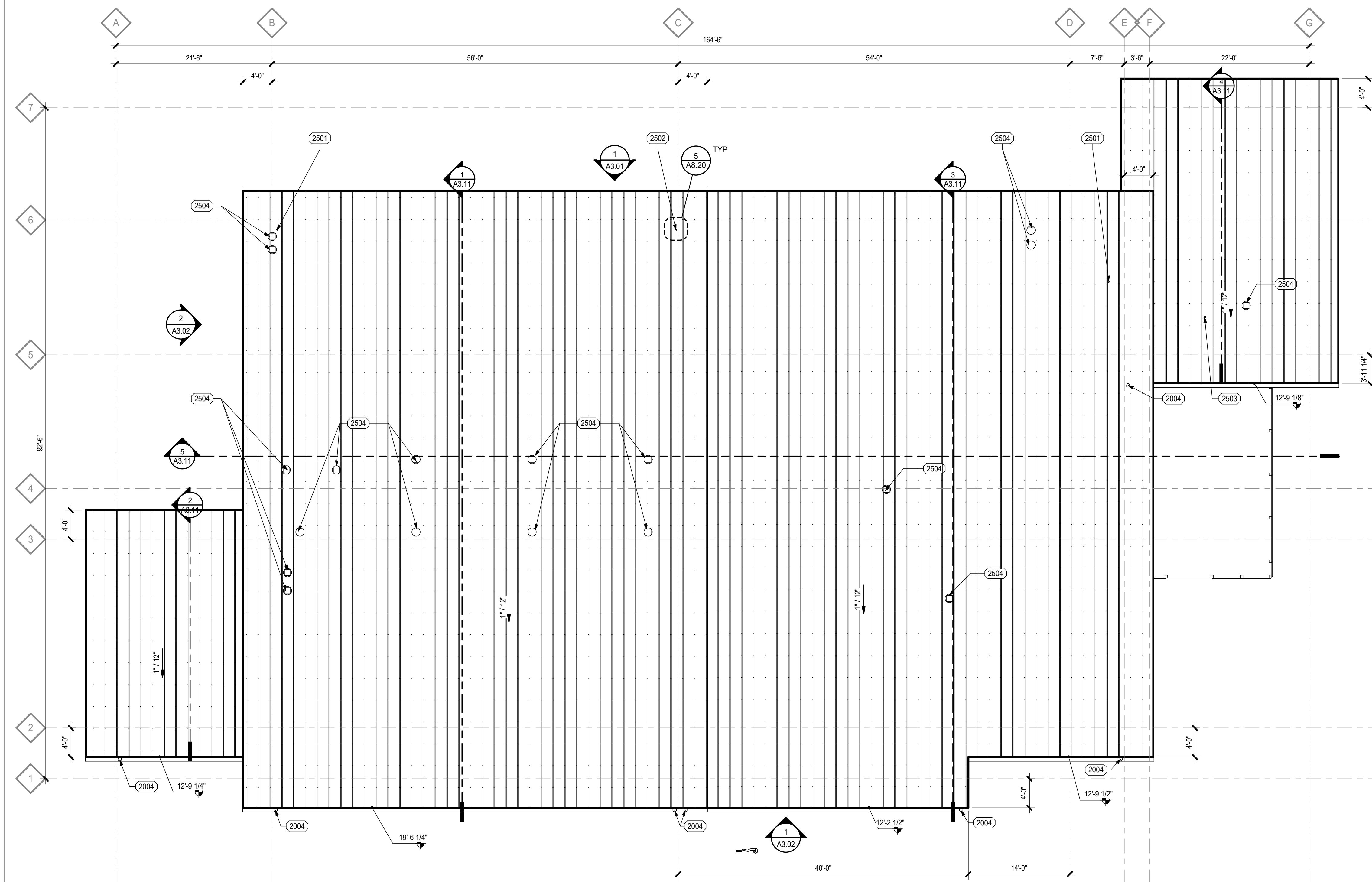
- ALL ROOF TOP EQUIPMENT WILL REQUIRE COLLATERAL PENETRATION FLASHING FOR CONDUIT AND/OR PIPING. NOT ALL PENETRATIONS ARE INDICATED ON THIS PLAN. REFER TO THE MECHANICAL AND ELECTRICAL DRAWINGS AND THE SPECIFICATIONS MANUAL LOCATIONS AND QUANTITIES OF OTHER PENETRATIONS NOT INDICATED ON THIS PLAN.
- ROOF ELEVATIONS SHOWN TO TOP OF THE ROOF SYSTEM. ALL ROOF ELEVATIONS ARE APPROXIMATE AND ARE TO BE FIELD VERIFIED.
- REFER TO TYPICAL ROOF DETAILS FOR FURTHER INFORMATION.
- ALL DOWNSPOUTS ARE 6" DIA UNLESS NOTED OTHERWISE.

LEGEND

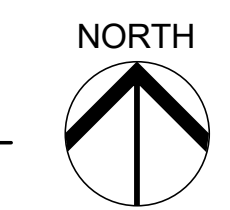
- X" / 12" DIRECTION OF ROOF SLOPE
- ○ ROOF DRAIN AND OVERFLOW
- ← SC / DS SCUPPER / DOWNSPOUT - SEE CIVIL DWGS FOR STORM DRAIN CONNECTION
- ○ ○ ○ ROOF VENTS AND EQUIPMENT - SEE MECH DWGS
- ⊕ ROOF TOP SPLIT UNIT ON P.T. SLEEPERS - SEE SLEEPER DETAIL
- ☐ ROOF HATCH

LEGEND - KEYNOTES

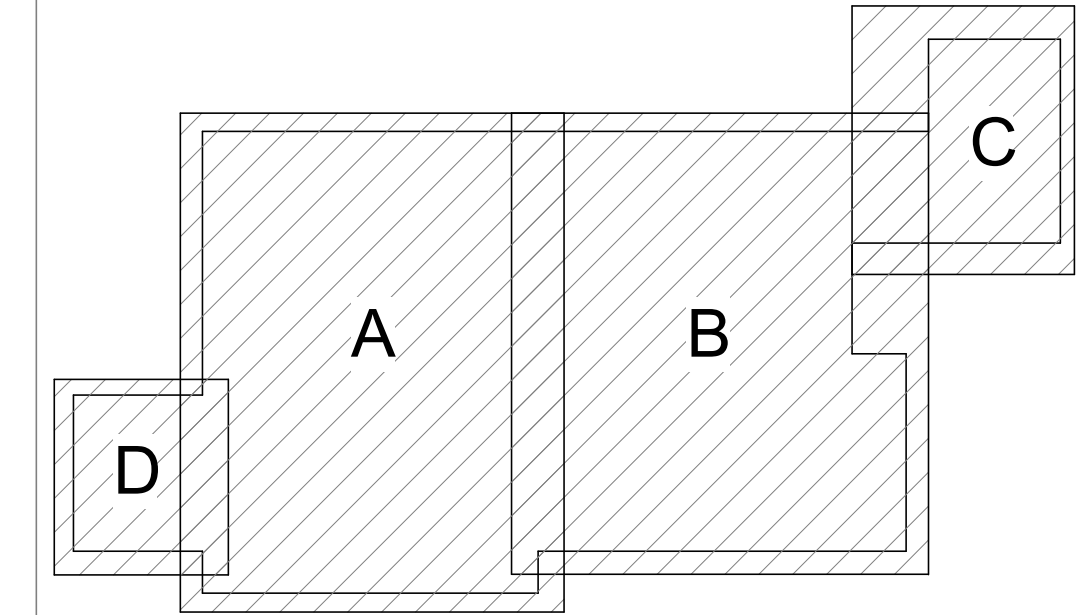
MARK	DESCRIPTION
2004	6" DIA. DOWNSPOUT. SEE CIVIL PER CONNECTION.
2501	ANALOG RADIO ANTENNA.
2502	DIGITAL RADIO ANTENNA.
2503	CONDUIT FOR FUTURE HAM RADIO ANTENNA. CAP AND SEAL TO PREVENT LEAKING.
2504	EXHAUST VENT. SEE PLUMBING AND MECHANICAL FOR SIZE.



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



Key Plan





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Consultant

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Stamp



Issuance

BID SET

Date

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Project Number

20006

Drawing Title

MEZZANINE PLAN

Sheet No

A2.04

SHEET NOTES

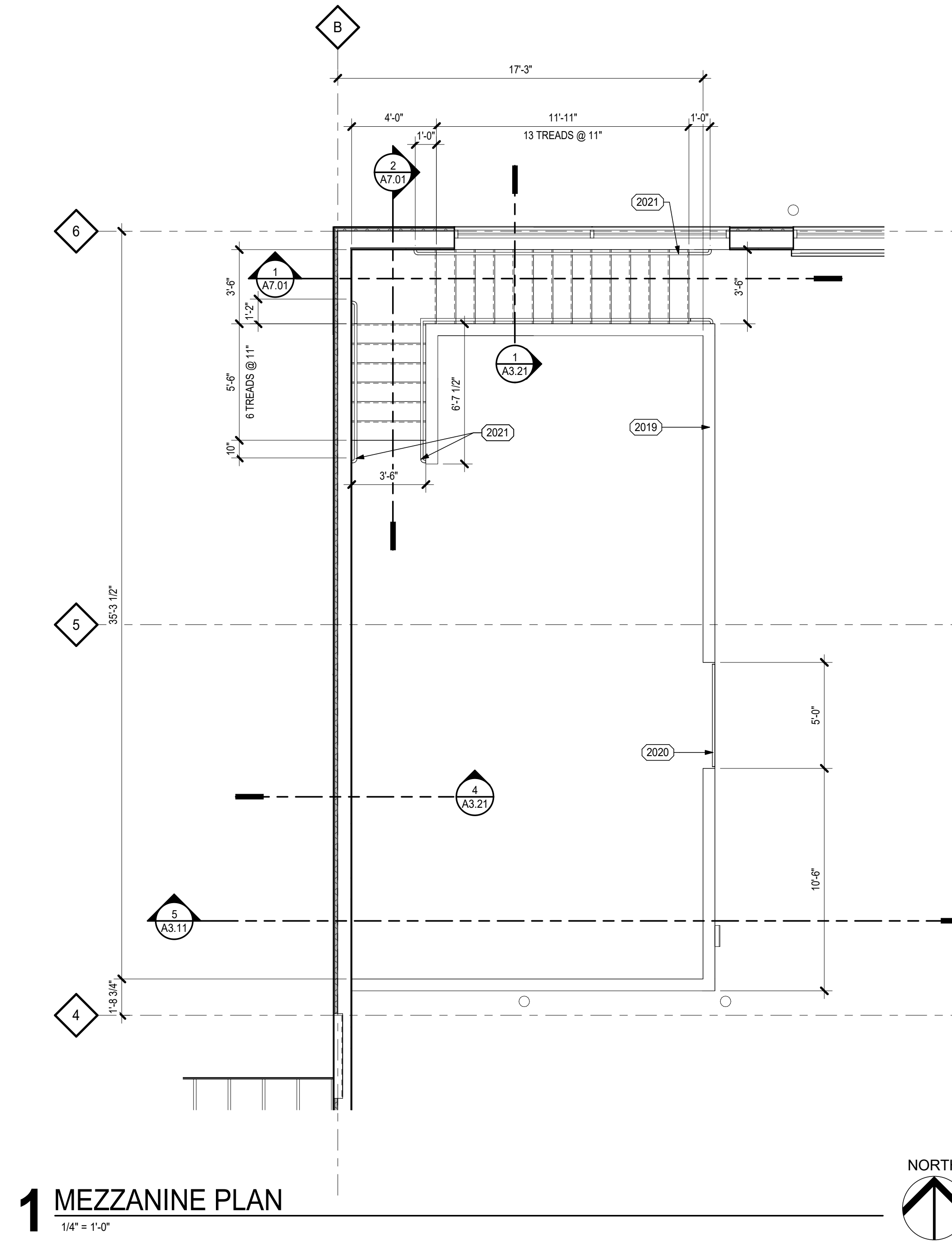
1. ANY EXTERIOR WALL NOT LABELED WITH A WALL TAG SHALL BE WALL TYPE: **W01**.
2. ANY INTERIOR WALL NOT LABELED WITH A WALL TAG SHALL BE WALL TYPE: **W01**. WITH GYP TERMINATING AT 6" ABOVE CEILING.
3. REFER TO SHEET A0.11 FOR INTERIOR PARTITION TYPES AND KEY.
4. REFER TO DIMENSIONAL STANDARDS ON A0.11.
5. ALL ACOUSTIC WALL SEPARATIONS MUST BE SEALED FOR SOUND TRANSMISSION.
6. SEE FOUNDATION PLAN FOR SLAB SLOPE AT TRENCH DRAINS
7. PROVIDE UNDER-SLAB VAPOR BARRIER BENEATH ENTIRE SLAB-ON-GRADE.

LEGEND

- ENLARGED VIEW MARK
1=SECTION NO.
A101= SHEET NO.
- PARTITION MARK
(REF. INTERIOR ASSEMBLIES)
- WINDOW TAG
- DOOR TAG
- FLOOR DRAIN - SEE PLUMBING DRAWINGS
- FLOOR TRENCH DRAIN - SEE PLUMBING DRAWINGS AND STRUCTURAL FOUNDATION PLAN
- FLOOR SINK - SEE KITCHEN EQUIPMENT DRAWINGS

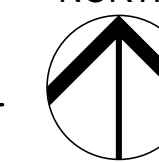
LEGEND - KEYNOTES

MARK	DESCRIPTION
2019	42" HIGH WALL WITH CAP.
2020	REMOVABLE GUARDRAIL SECTION.
2021	1 1/2" DIA. STEEL HANDRAIL.

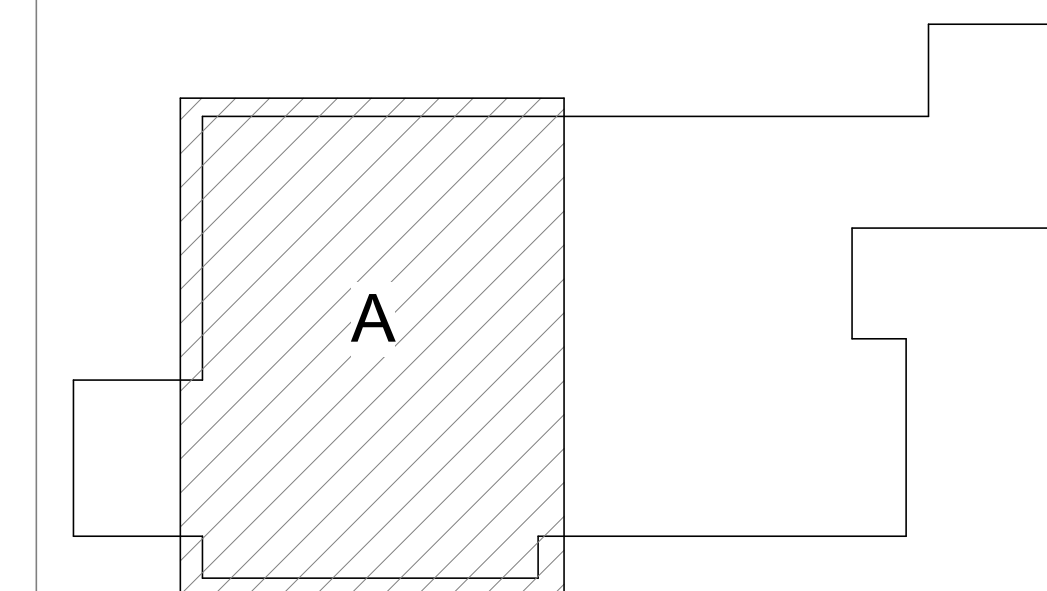


1 MEZZANINE PLAN
1/4" = 1'-0"

NORTH



Key Plan





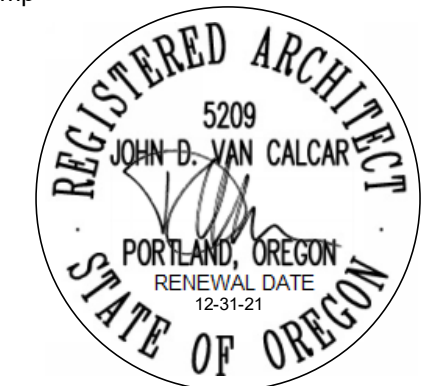
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No. Description Date

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Project Number

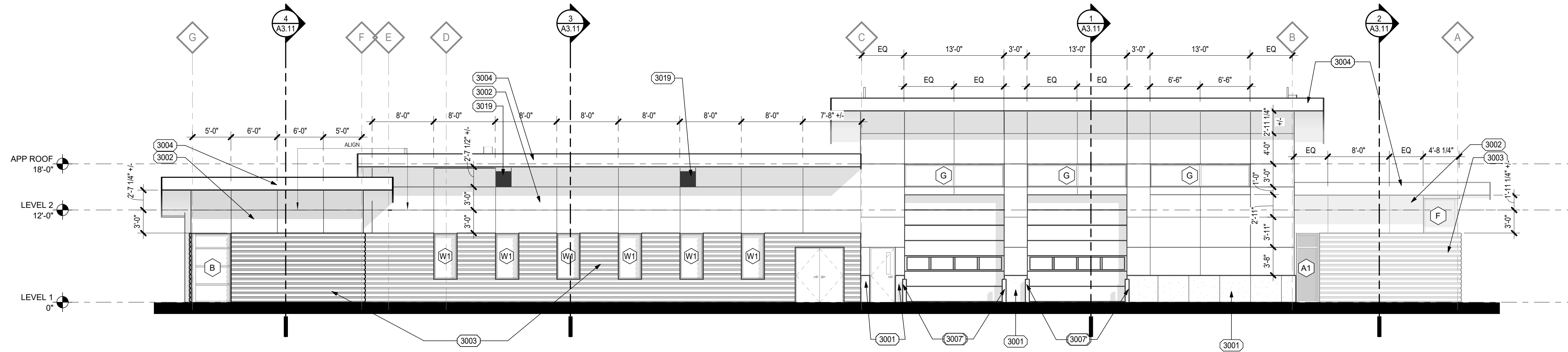
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Drawing Title

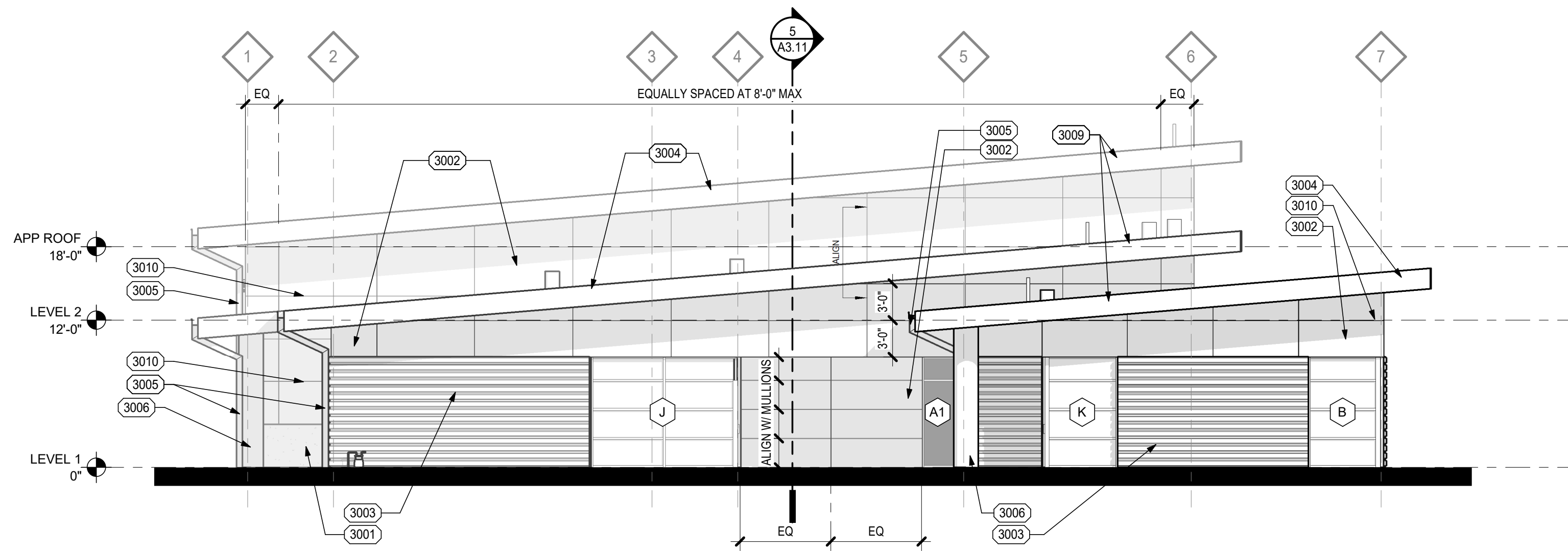
**EXTERIOR
ELEVATIONS**

Sheet No

A3.01



1 NORTH ELEVATION
1/8" = 1'-0"



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

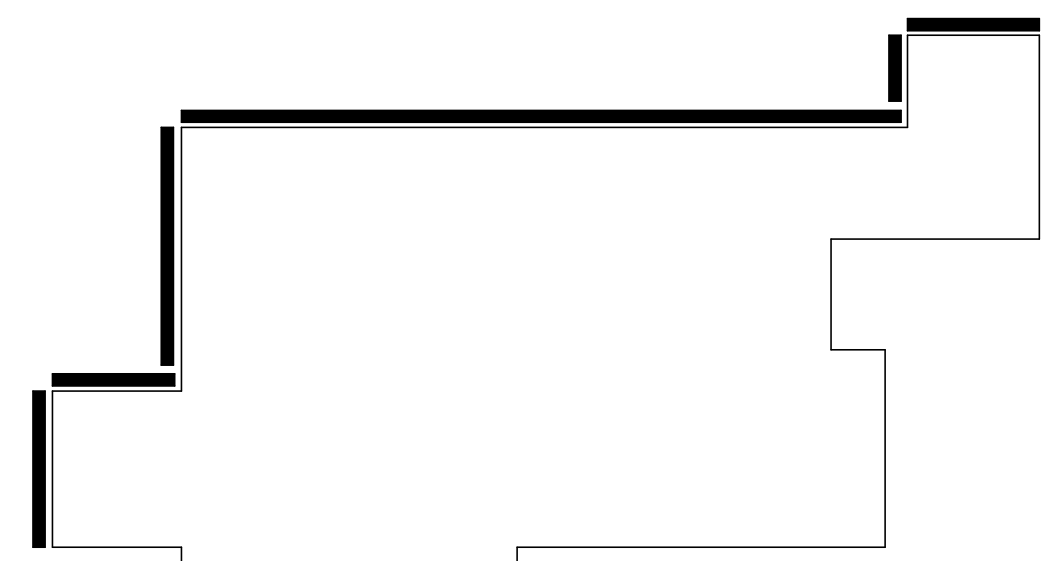
SHEET NOTES

1. REFER TO EXTERIOR ASSEMBLIES TYPES ON A0.01
2. REFER TO EXTERIOR FRAME TYPES ON A8.01
3. PANELS AT APPARATUS BAY TO BE P1. PANELS, AT REMAINDER OF BUILDING TO BE P2.
4. BOX RIB TO BE P1.

LEGEND - KEYNOTES

MARK	DESCRIPTION
3001	42" HIGH PRECAST BASE
3002	FIBER CEMENT BOARD PANEL REVEAL SYSTEM.
3003	BOX RIB PANEL
3004	18" FASCIA.
3005	6" DIA. DOWNSPOUT, PAINT TO MATCH WALL.
3006	COLUMN WITH WRAP, PRE-FINISHED TO P3.
3007	STEEL BOLLARD, PAINT P4.
3009	STANDING SEAM METAL ROOF.
3010	ALIGN WITH JOINT ON ADJACENT ELEVATION.
3019	LOUVER. SEE MECHANICAL PLANS FOR SIZE. ALIGN TO PANEL REVEAL UNLESS OTHERWISE INDICATED.

Key Plan



**Millersburg Fire
Station 15**
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Albany, OR 97321



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Drawing Title

**EXTERIOR
ELEVATIONS**

Sheet No

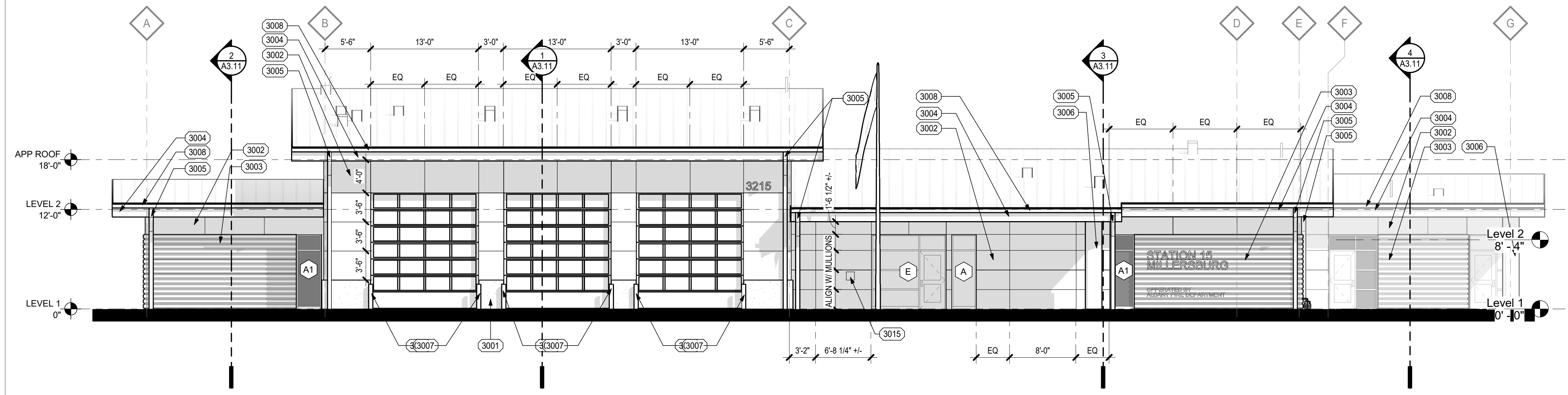
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SHEET NOTES

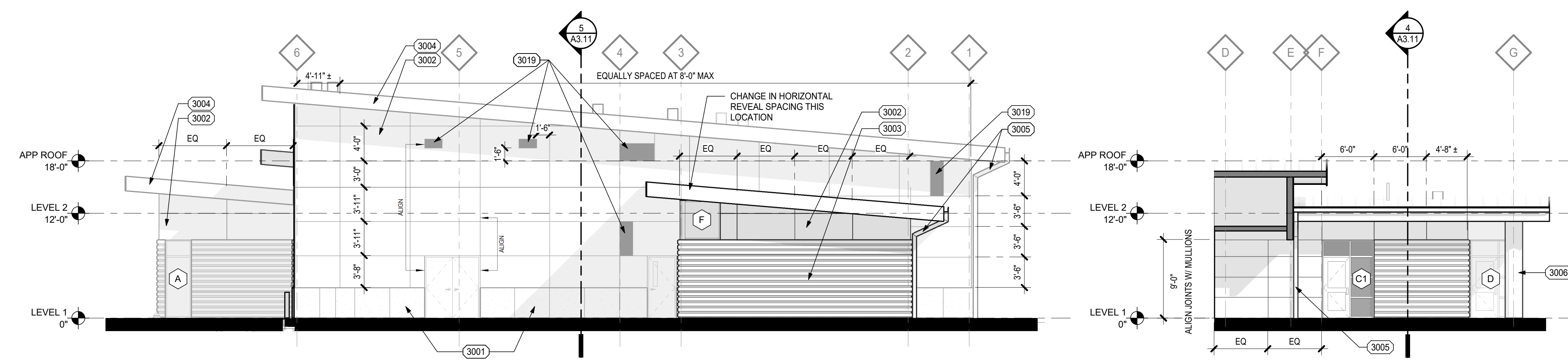
1. REFER TO EXTERIOR ASSEMBLIES TYPES ON A0.01
2. REFER TO EXTERIOR FRAME TYPES ON A8.01
3. PANELS AT APPARATUS BAY TO BE P1. PANELS, AT REMAINDER OF BUILDING TO BE P2.
4. BOX RIB TO BE P1.

LEGEND - KEYNOTES

MARK	DESCRIPTION
3001	42" HIGH PRECAST BASE
3002	FIBER CEMENT BOARD PANEL REVEAL SYSTEM.
3003	BOX RIB PANEL
3004	18" FASCIA.
3005	6" DIA. DOWNSPOUT, PAINT TO MATCH WALL.
3006	COLUMN WITH WRAP, PRE-FINISHED TO P3.
3007	STEEL BOLLARD, PAINT P4.
3008	6" X 6" GUTTER.
3015	CALL BOX / CARD READER.
3019	LOUVER. SEE MECHANICAL PLANS FOR SIZE. ALIGN TO PANEL REVEAL UNLESS OTHERWISE INDICATED.



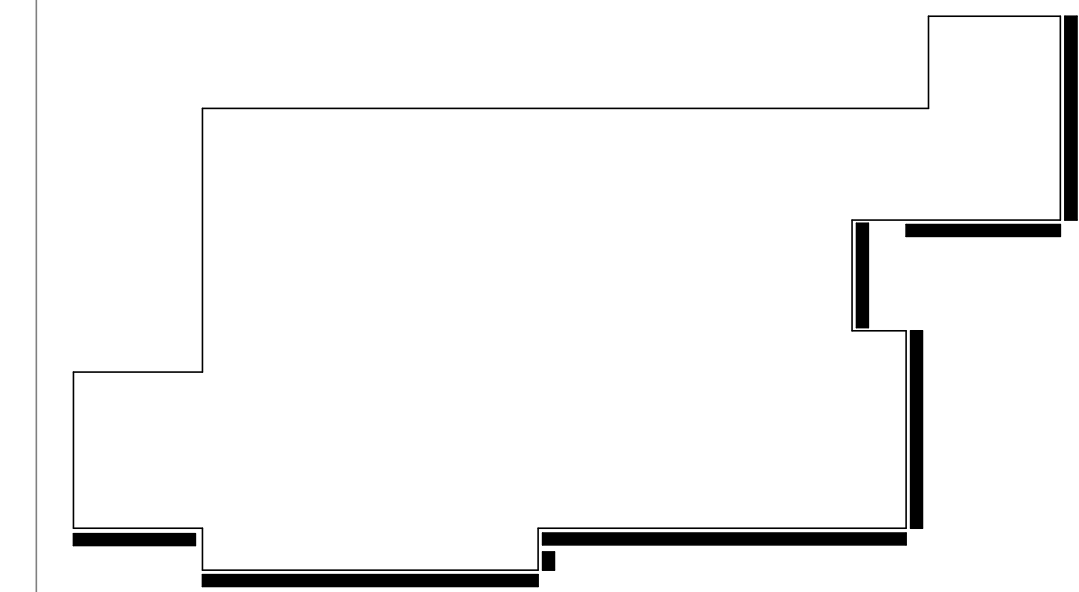
1 SOUTH ELEVATION
1/8" = 1'-0"



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

3 SOUTH ELEVATION - MEETING ROOM
1/8" = 1'-0"

Key Plan



Millersburg Fire
Station 15
3215 Transition Parkway
NE
Albany, OR 97321



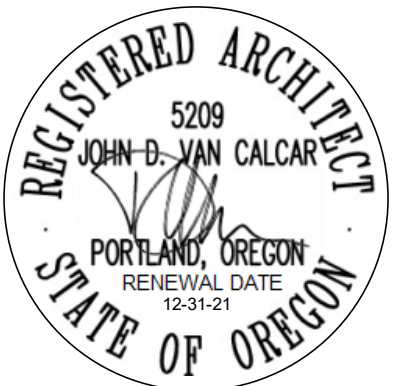
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Project Number

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Drawing Title

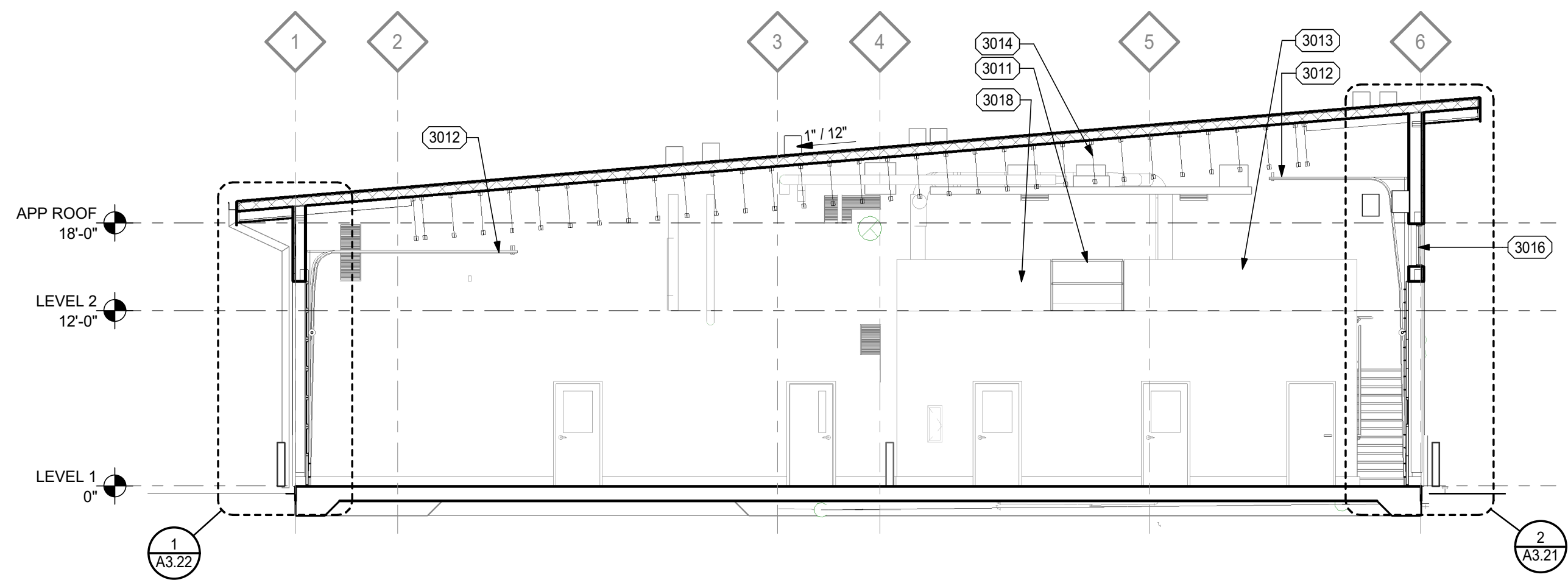
OVERALL BUILDING SECTIONS

Sheet No

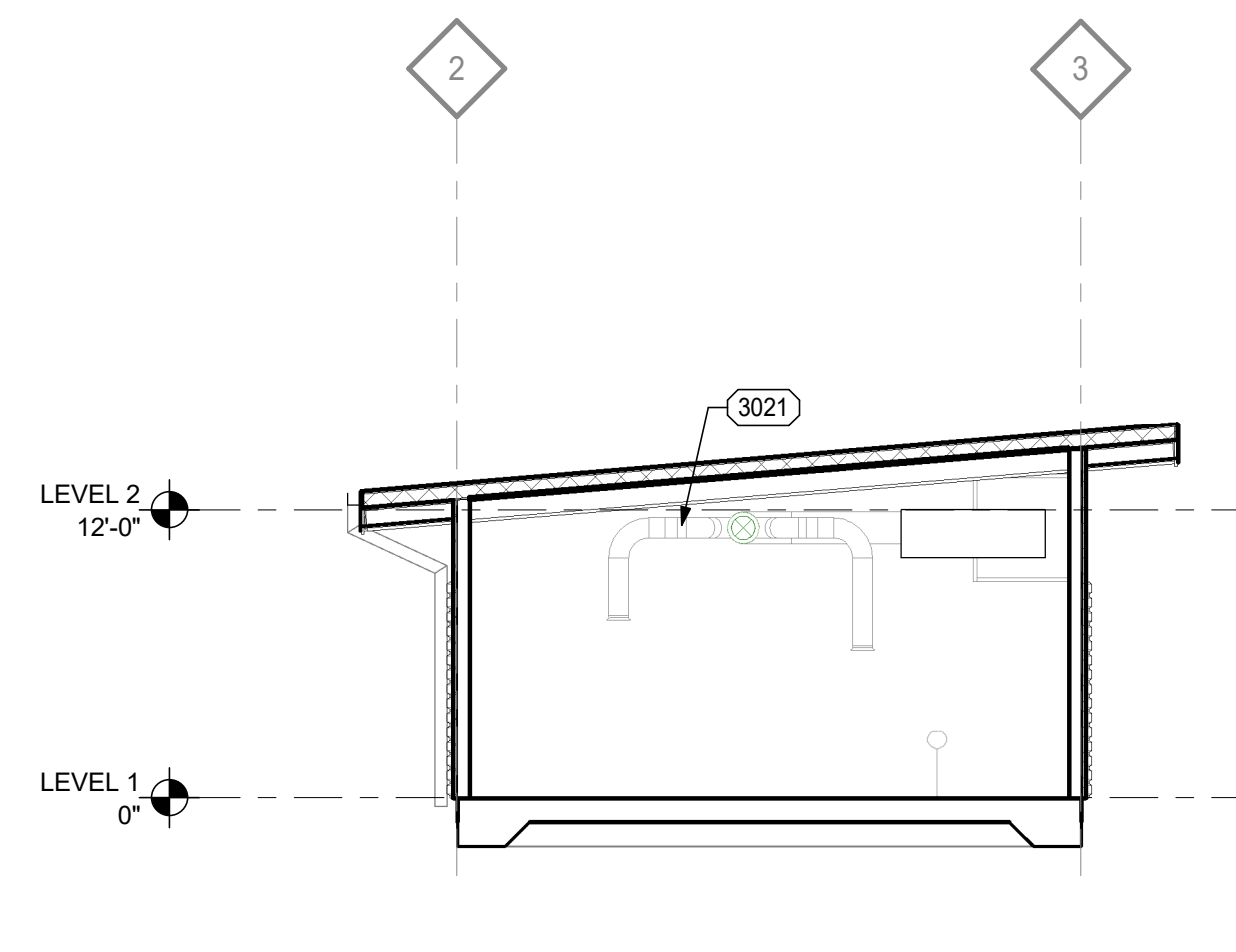
A3.11

LEGEND - KEYNOTES

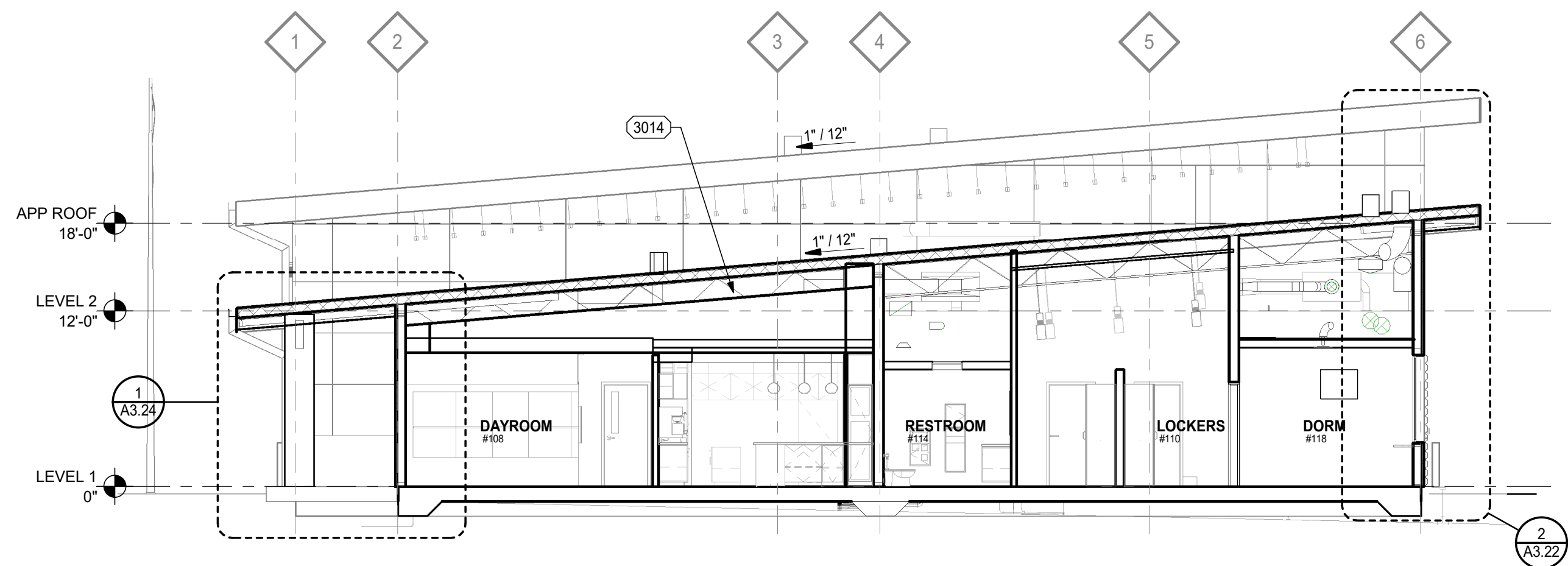
MARK	DESCRIPTION
3011	REMOVABLE GUARDRAIL SECTION.
3012	OVERHEAD DOOR TRACK, FOLLOW LINE OF ROOF.
3013	MEZZANINE.
3014	ROOF STRUCTURE.
3016	CLERESTORY WINDOW.
3018	MEZZANINE WALL, GUARDRAIL HEIGHT
3020	CEILING PER PLAN.
3021	MECHANICAL EQUIPMENT.



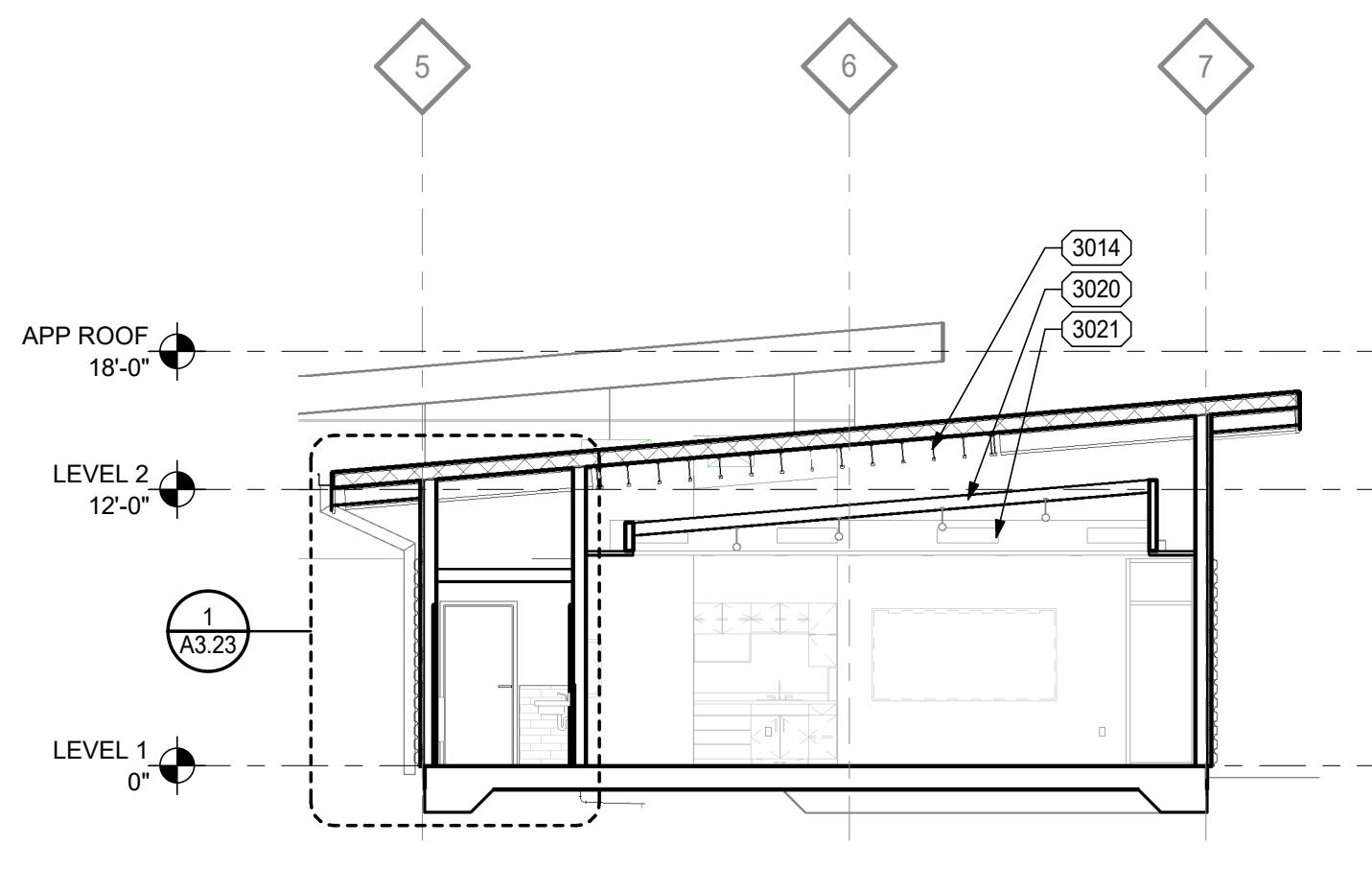
1 APPARATUS BAY - NS SECTION
1/8" = 1'-0"



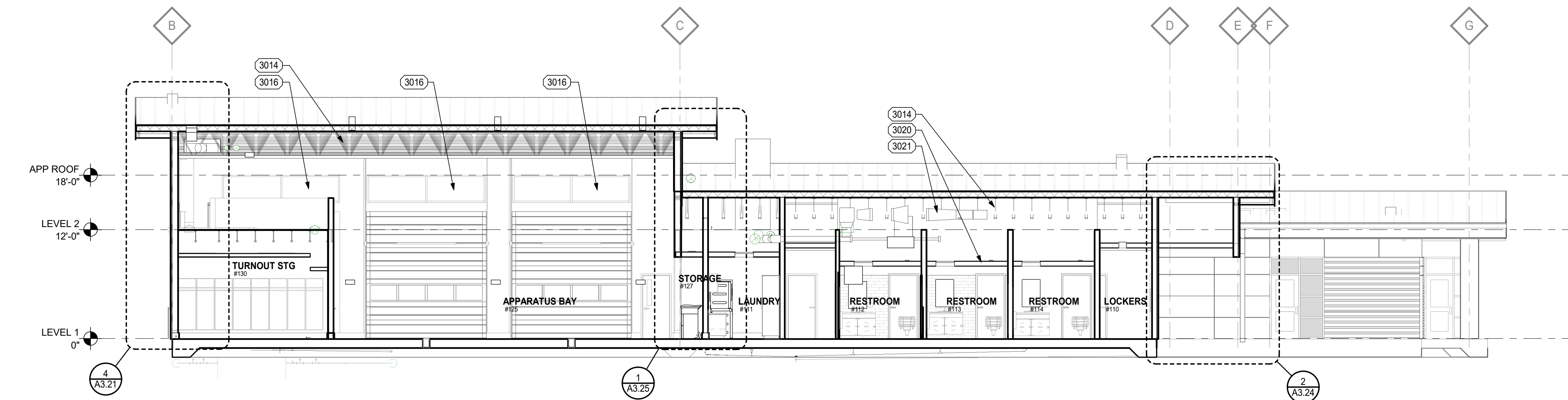
2 EXERCISE ROOM - NS SECTION
1/8" = 1'-0"



3 LIVING QUARTERS - NS SECTION
1/8" = 1'-0"



4 MEETING ROOM - NS SECTION
1/8" = 1'-0"



5 BUILDING - EW SECTION
1/8" = 1'-0"

**Millersburg Fire
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Albany, OR 97321



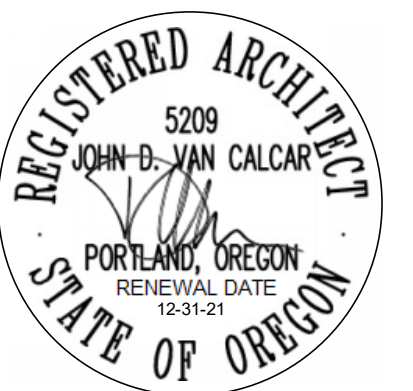
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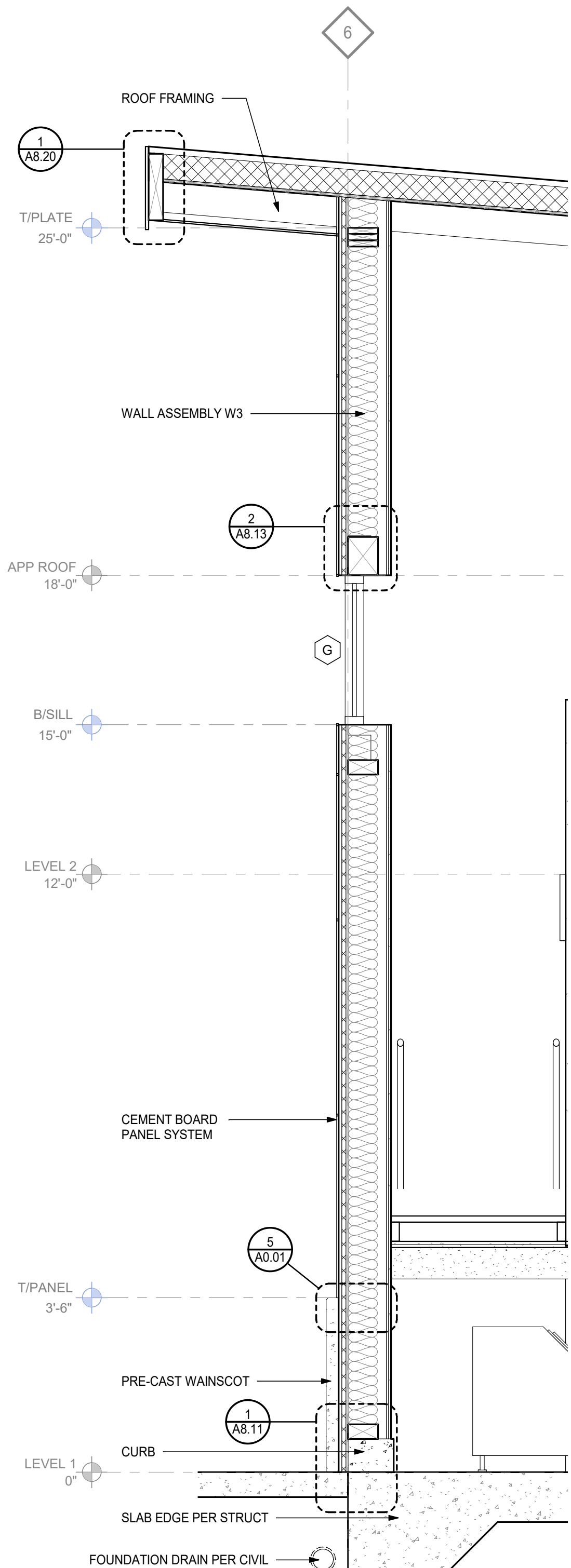
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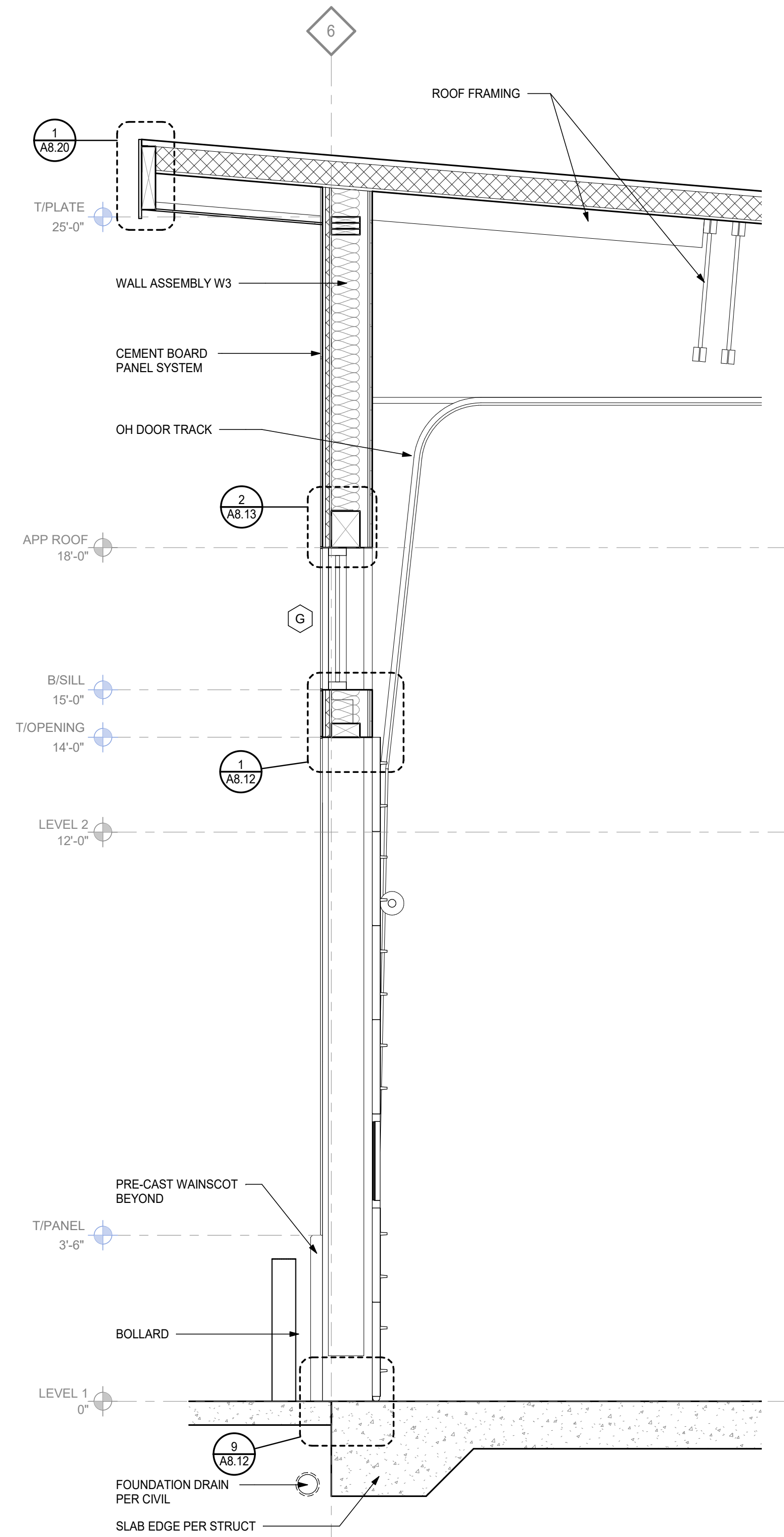
EXTERIOR WALL SECTIONS

Sheet No

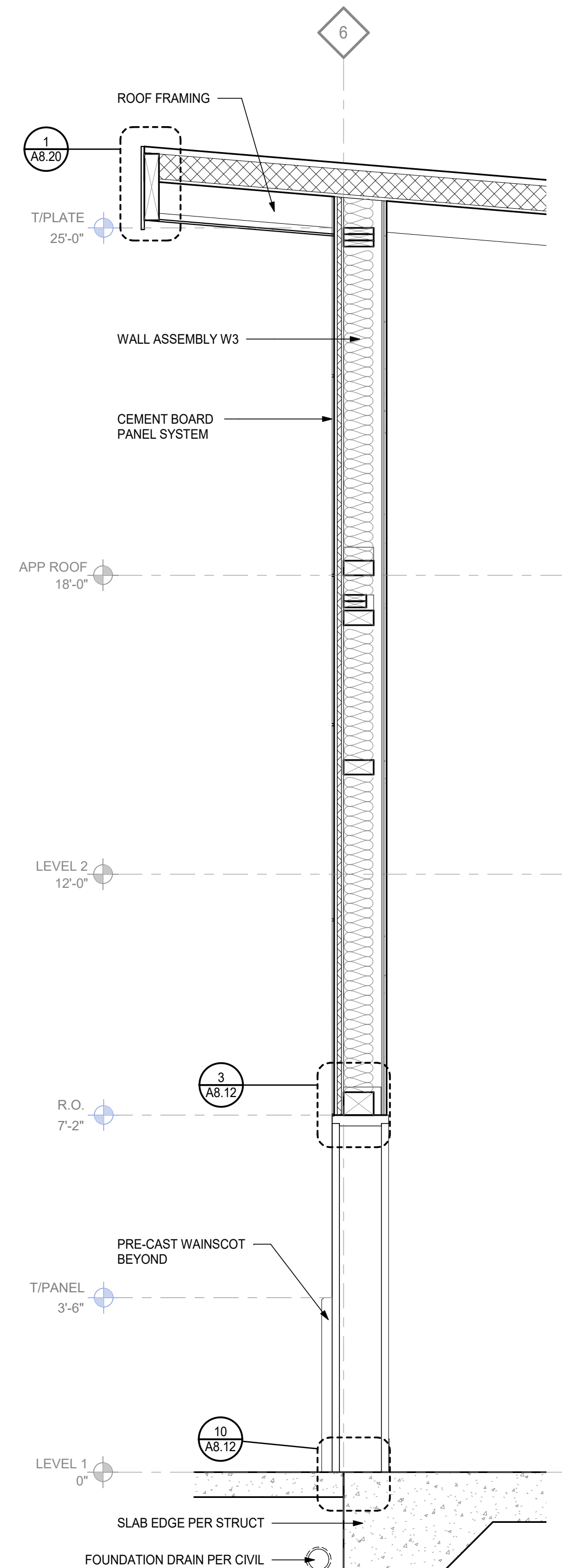
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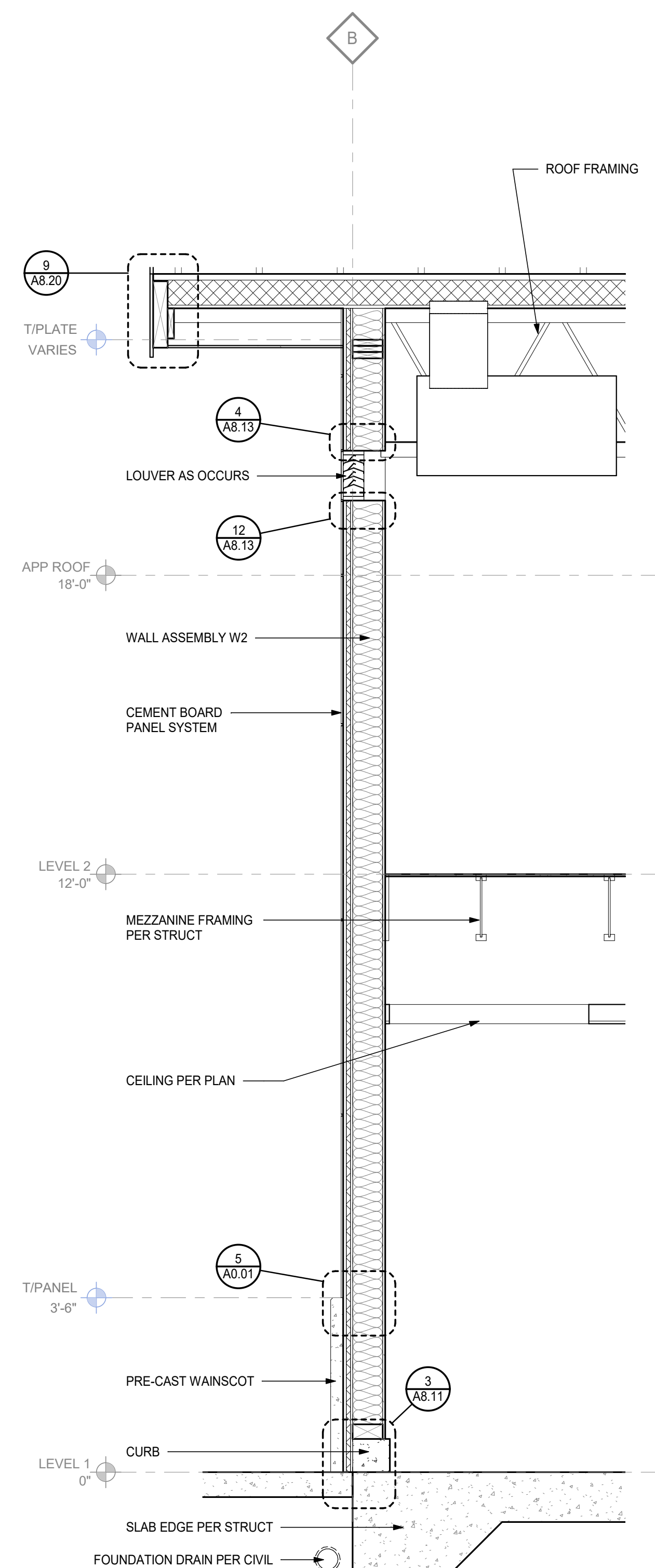
1 TYP APP BAY WALL
1/2" = 1'-0"



2 OH DOOR - NORTH WALL
1/2" = 1'-0"



3 PERSONNEL DOOR AT APP BAY
1/2" = 1'-0"



4 WALL AT MEZZANINE
1/2" = 1'-0"

Millersburg Fire
Station 15
3215 Transition Parkway
NE
Albany, OR 97321



Project

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Revisions

No.	Description	Date

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2/3/21

Project Number

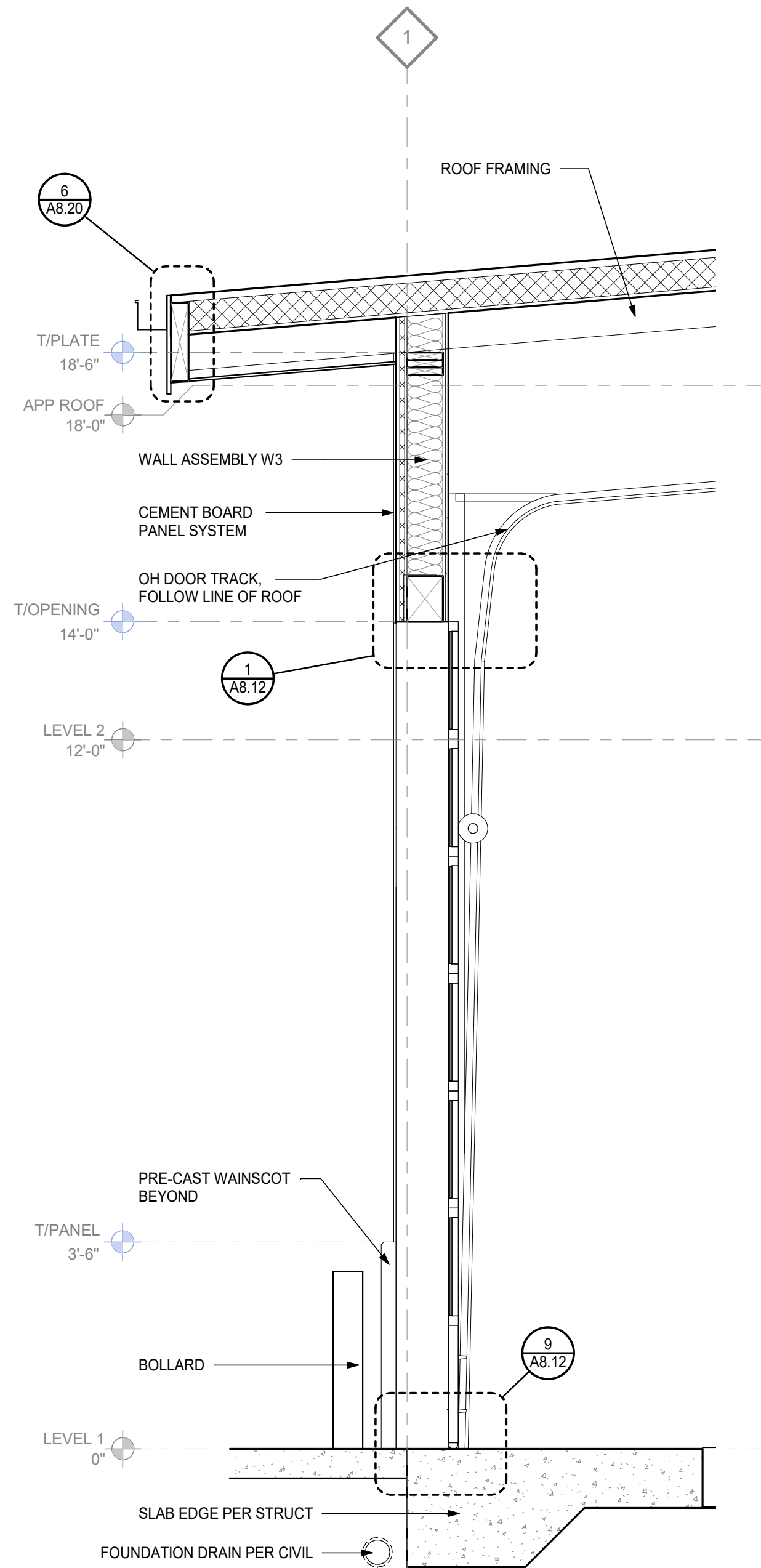
20006

Drawing Title

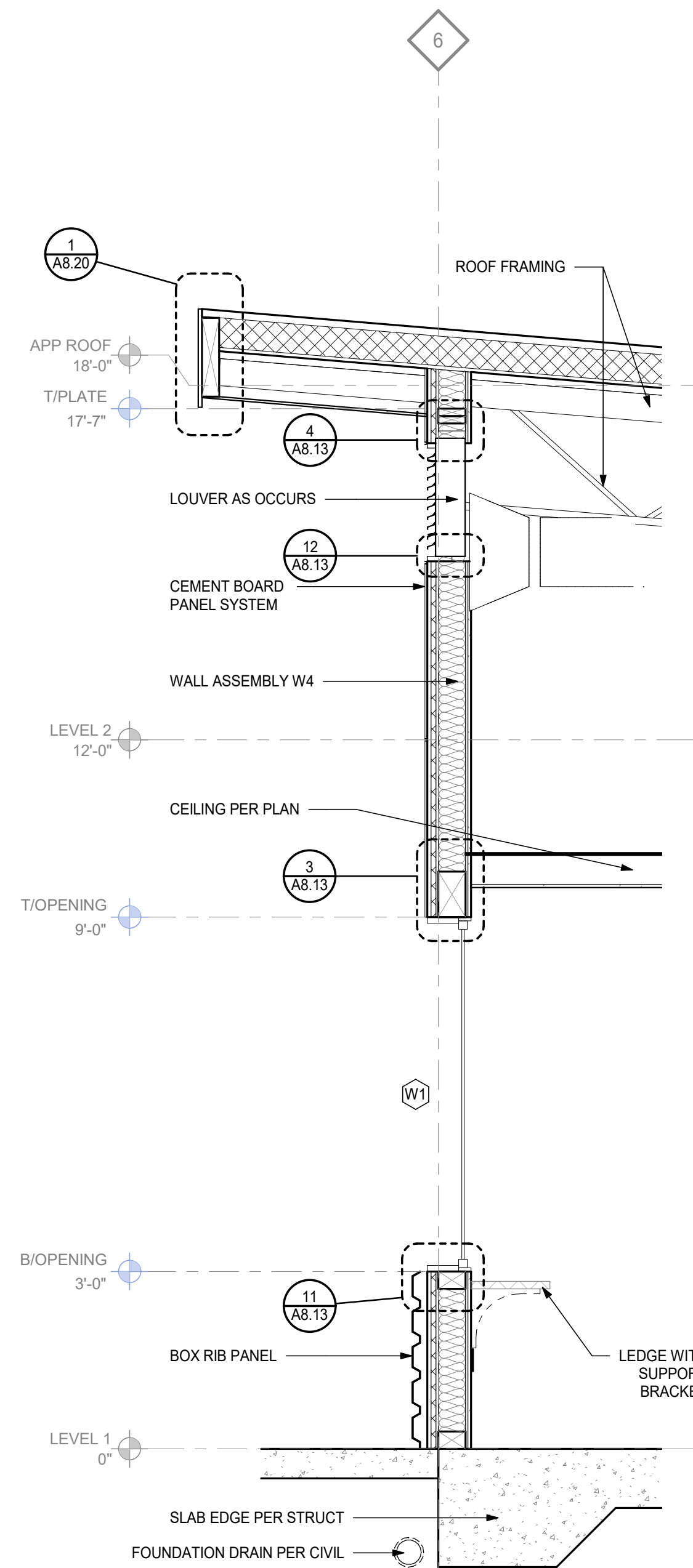
EXTERIOR WALL SECTIONS

Sheet No

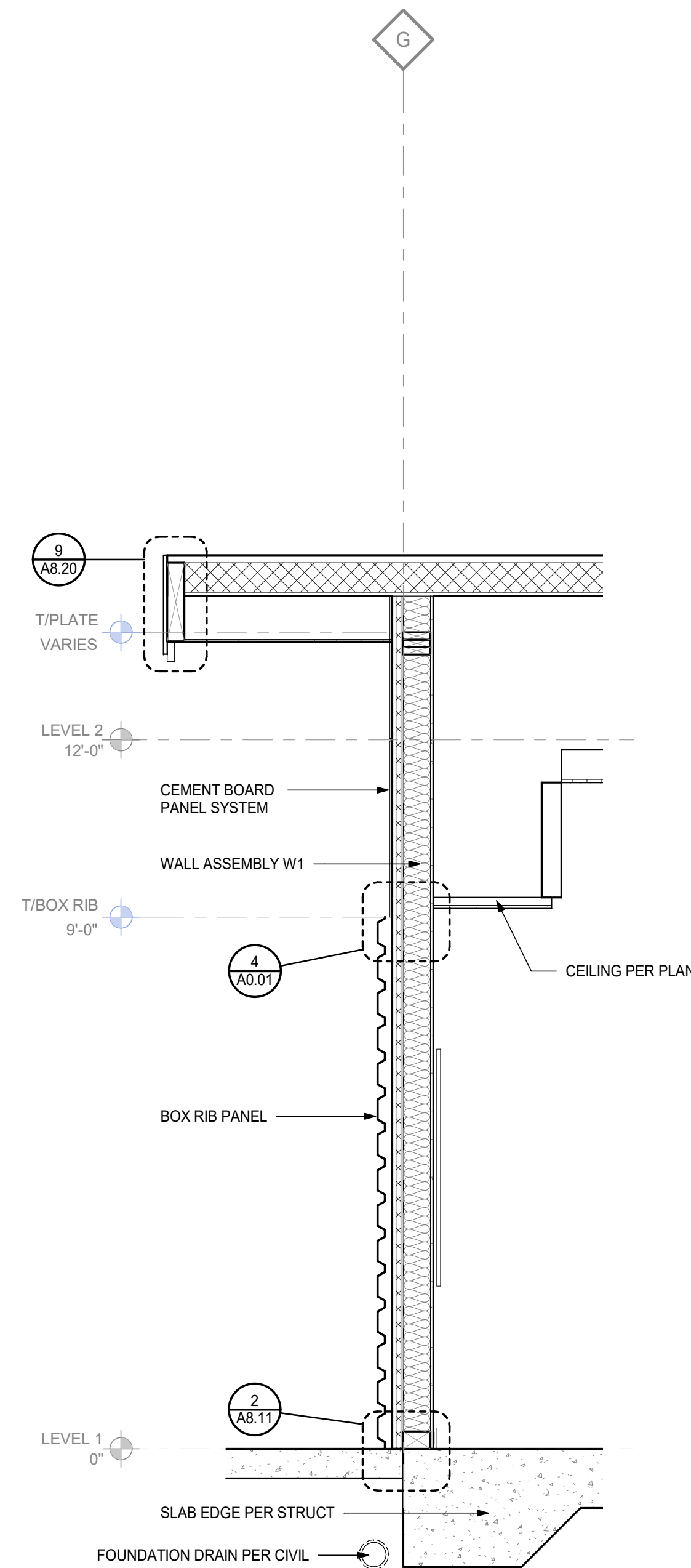
A3.22



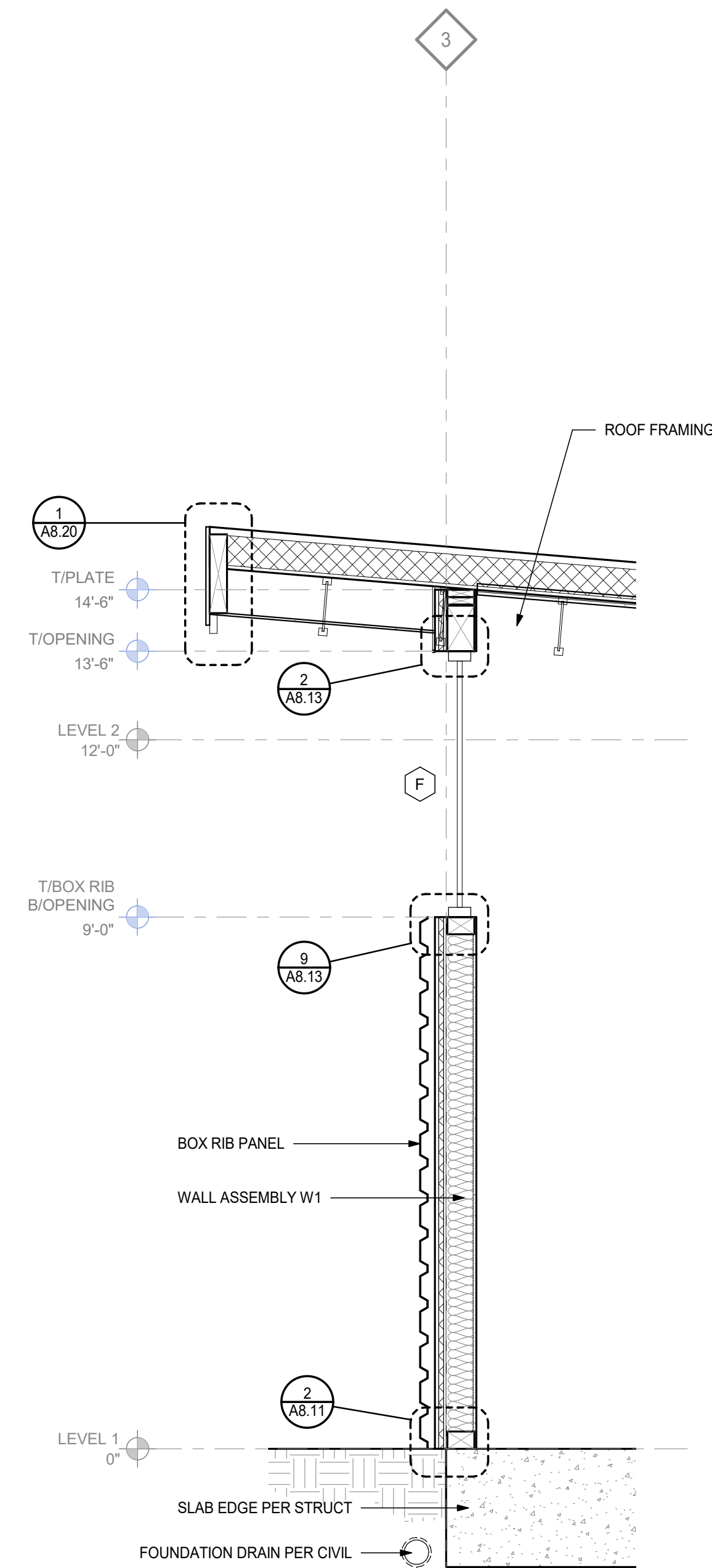
1 OH DOOR AT SOUTH WALL
1/2" = 1'-0"



2 DORM WINDOW
1/2" = 1'-0"



3 TYP WALL W/ METAL PANEL-SIDE EAVE
1/2" = 1'-0"



4 TYP CLERESTORY WINDOW
1/2" = 1'-0"

Millersburg Fire Station 15
3215 Transition Parkway
NE Albany, OR 97321



Project

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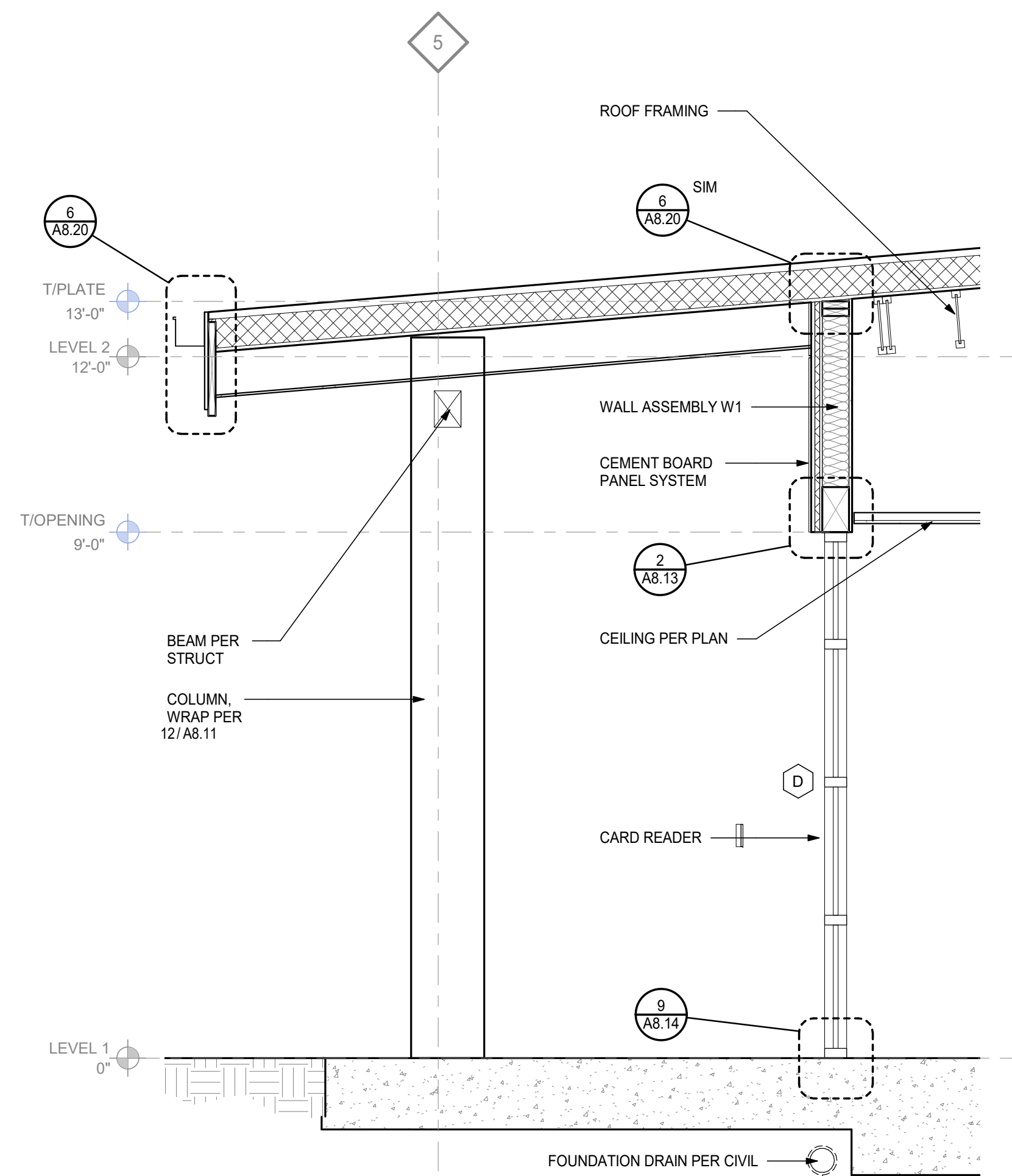
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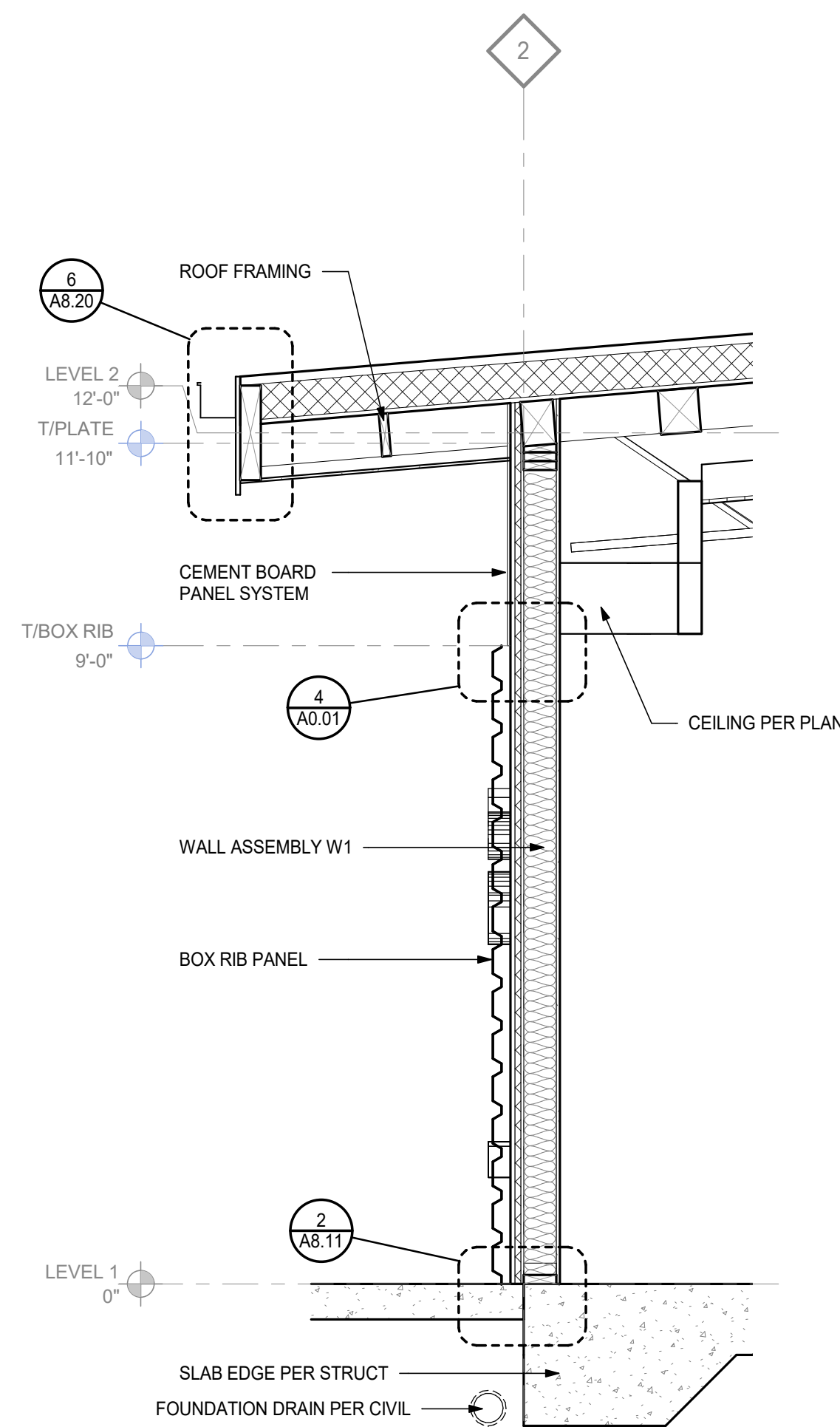
EXTERIOR WALL SECTIONS

Sheet No

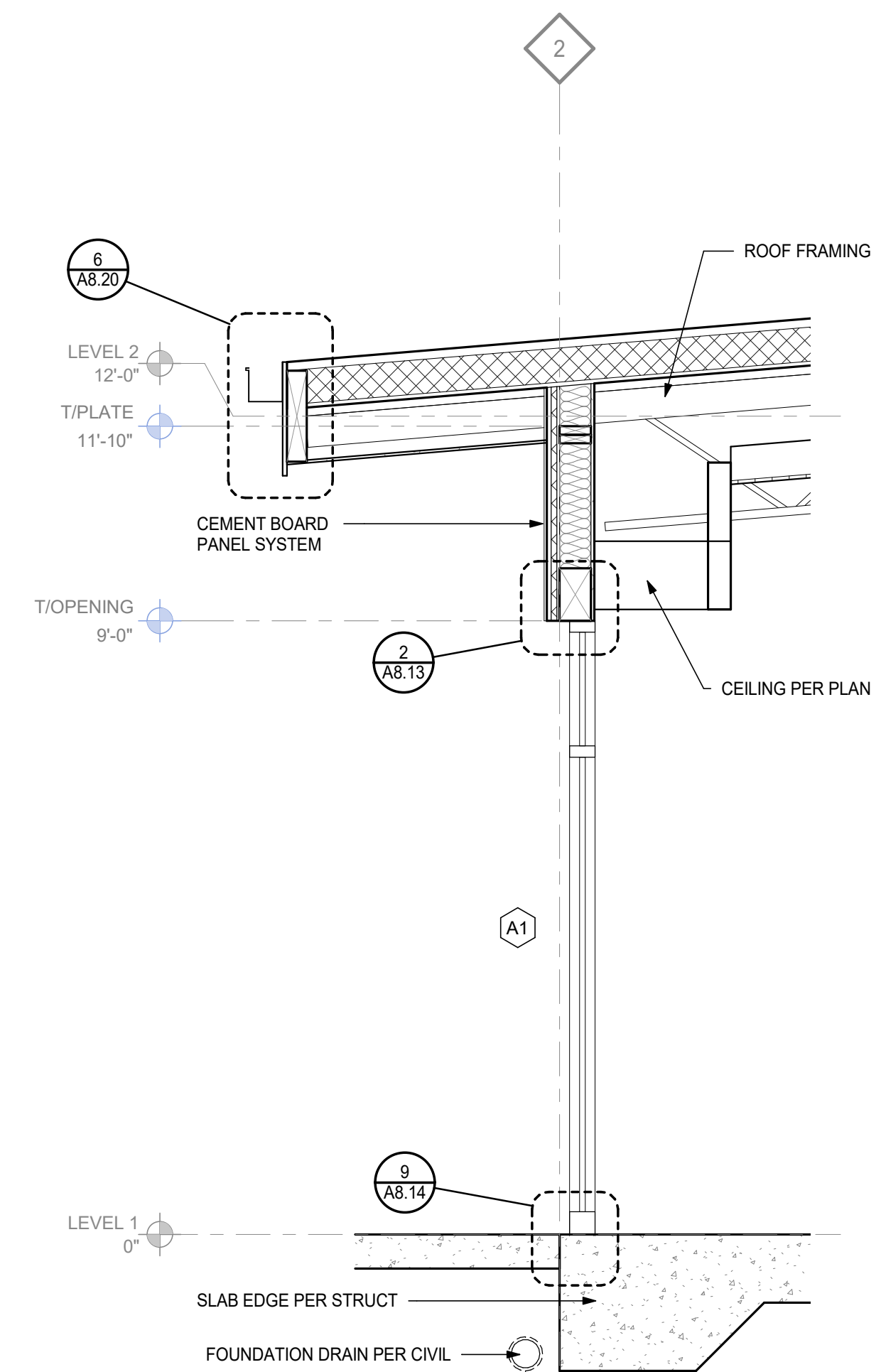
A3.23



1 MEETING ROOM ENTRY
1/2" = 1'-0"



2 TYP WALL W/ METAL PANEL AT GUTTER
1/2" = 1'-0"



3 DAYROOM WINDOW
1/2" = 1'-0"

**Millersburg Fire
Station 15**
3215 Transition Parkway
NE Albany, OR 97321



Project

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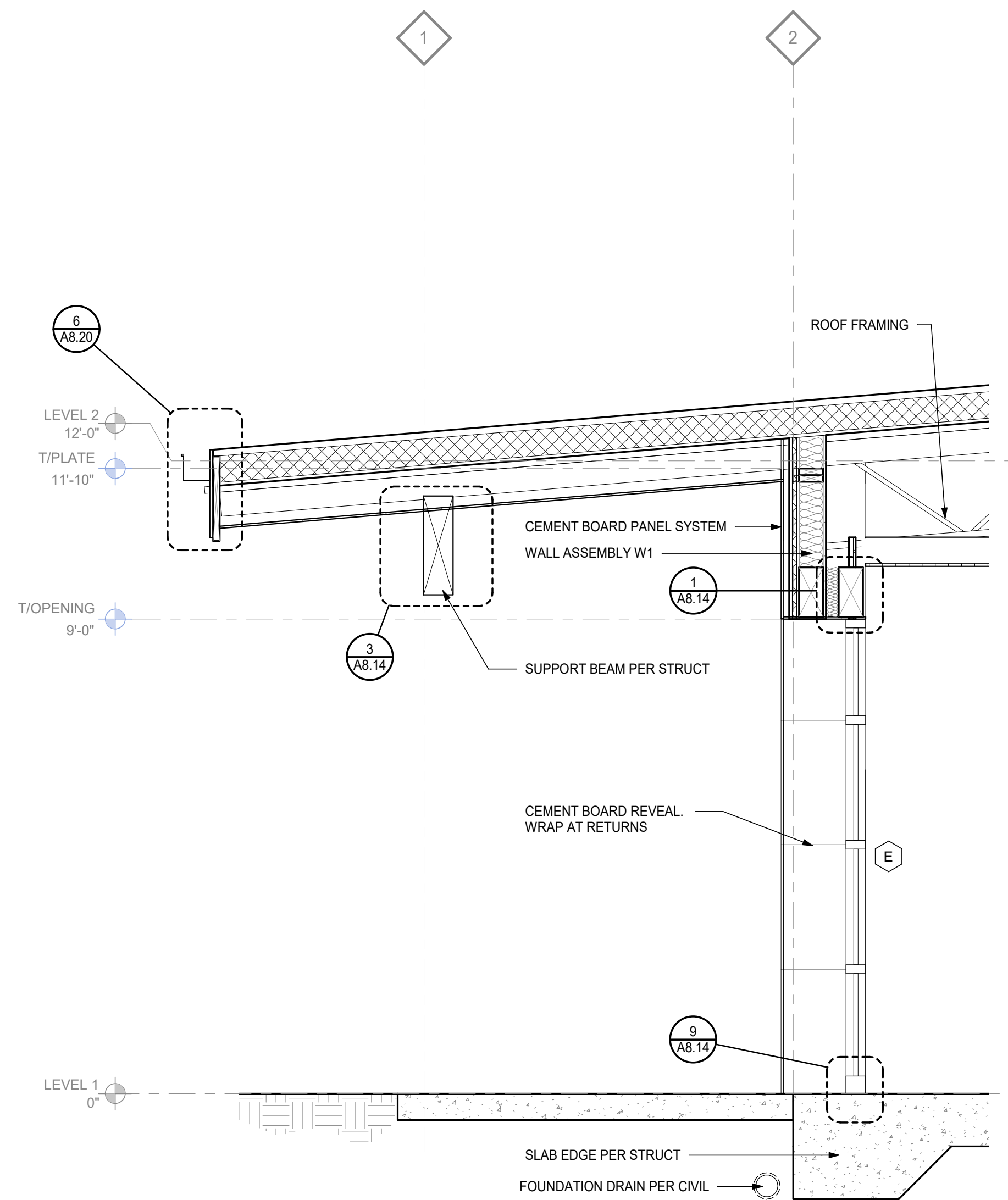
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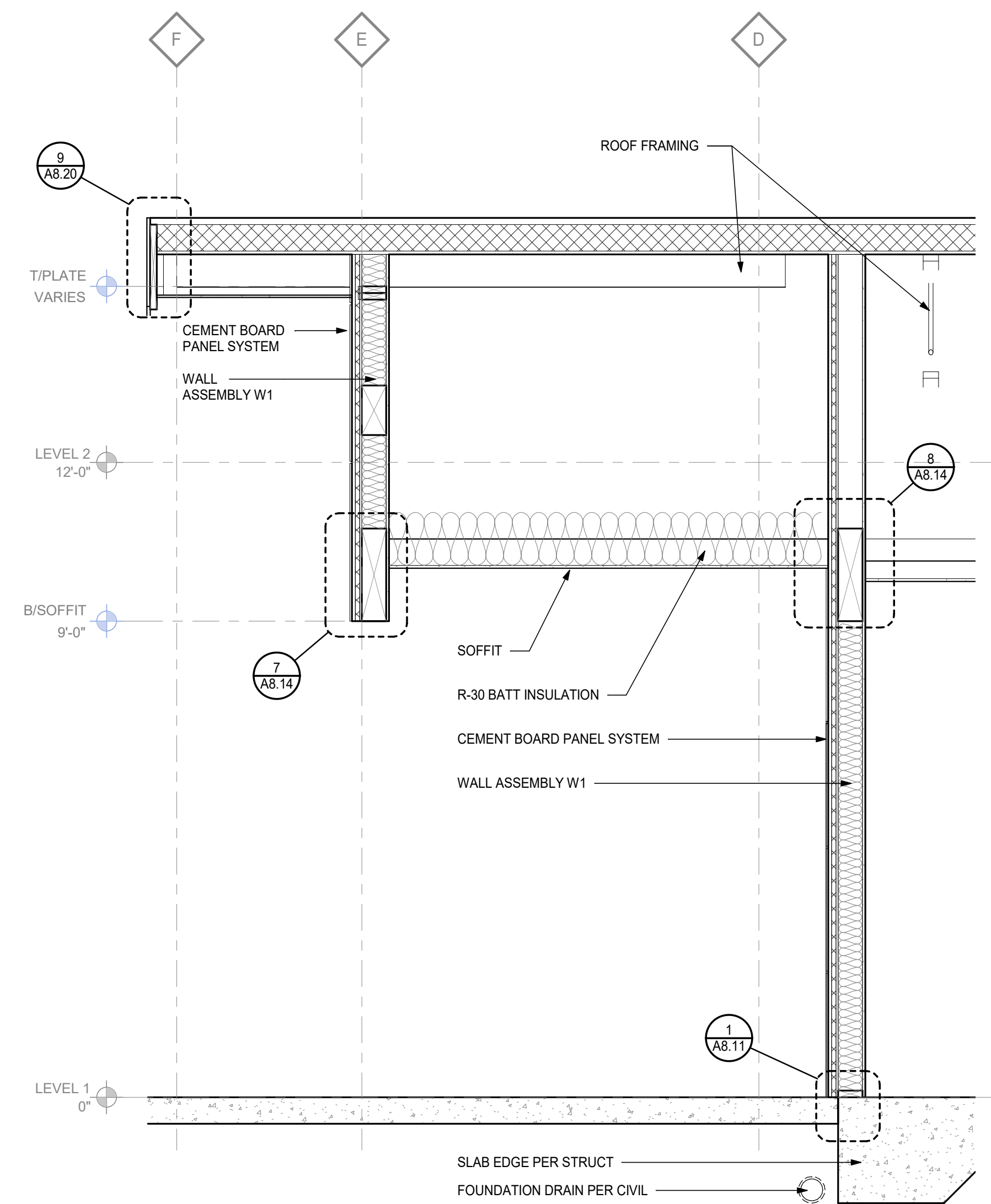
EXTERIOR WALL SECTIONS

Sheet No

A3.24



1 MAIN ENTRY
1/2" = 1'-0"



2 COVERED PATIO
1/2" = 1'-0"

**Millersburg Fire
Station 15**
3215 Transition Parkway
NE
Albany, OR 97321



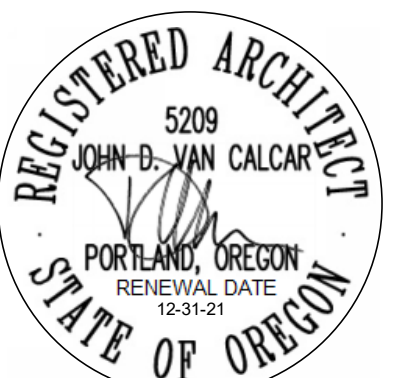
Project

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Project Number

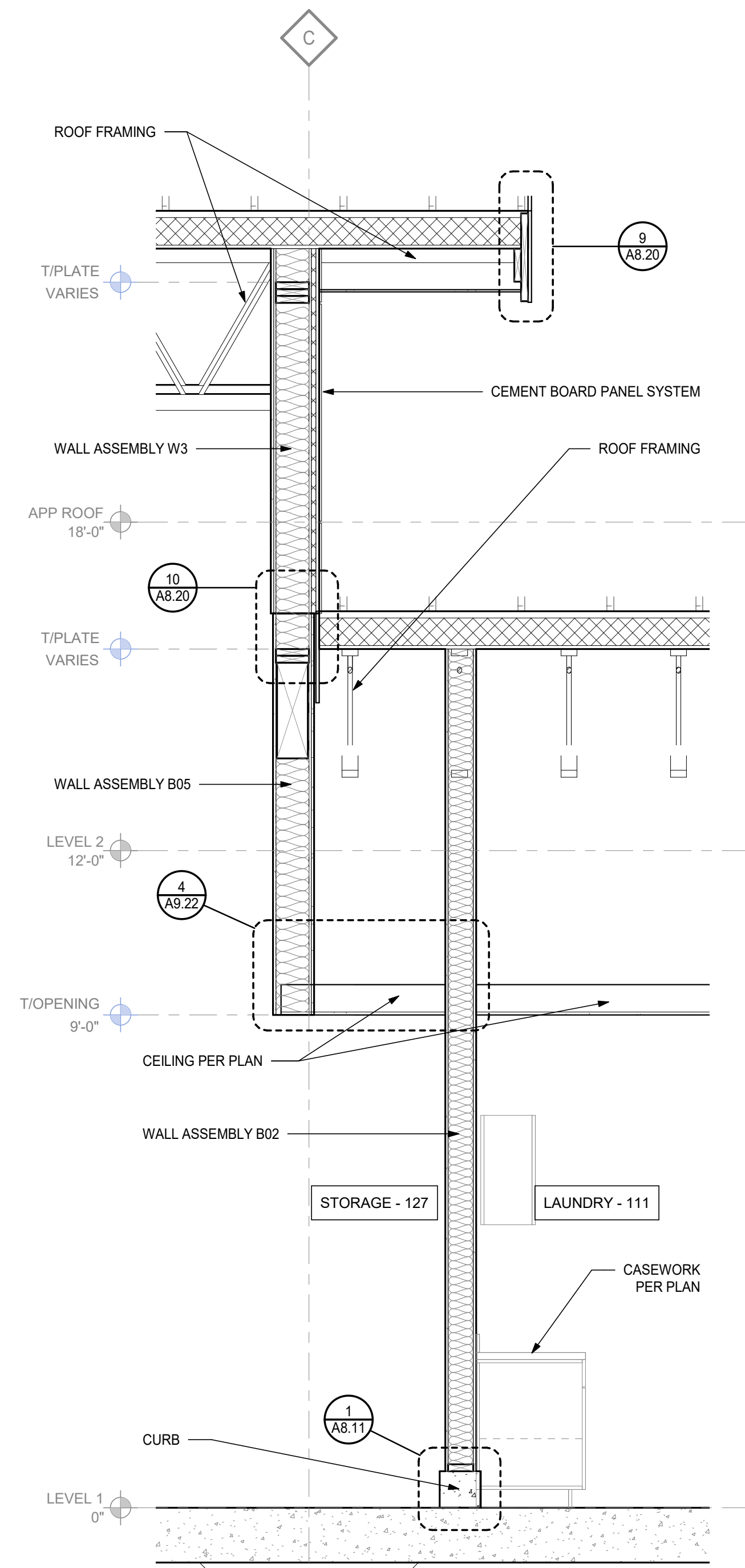
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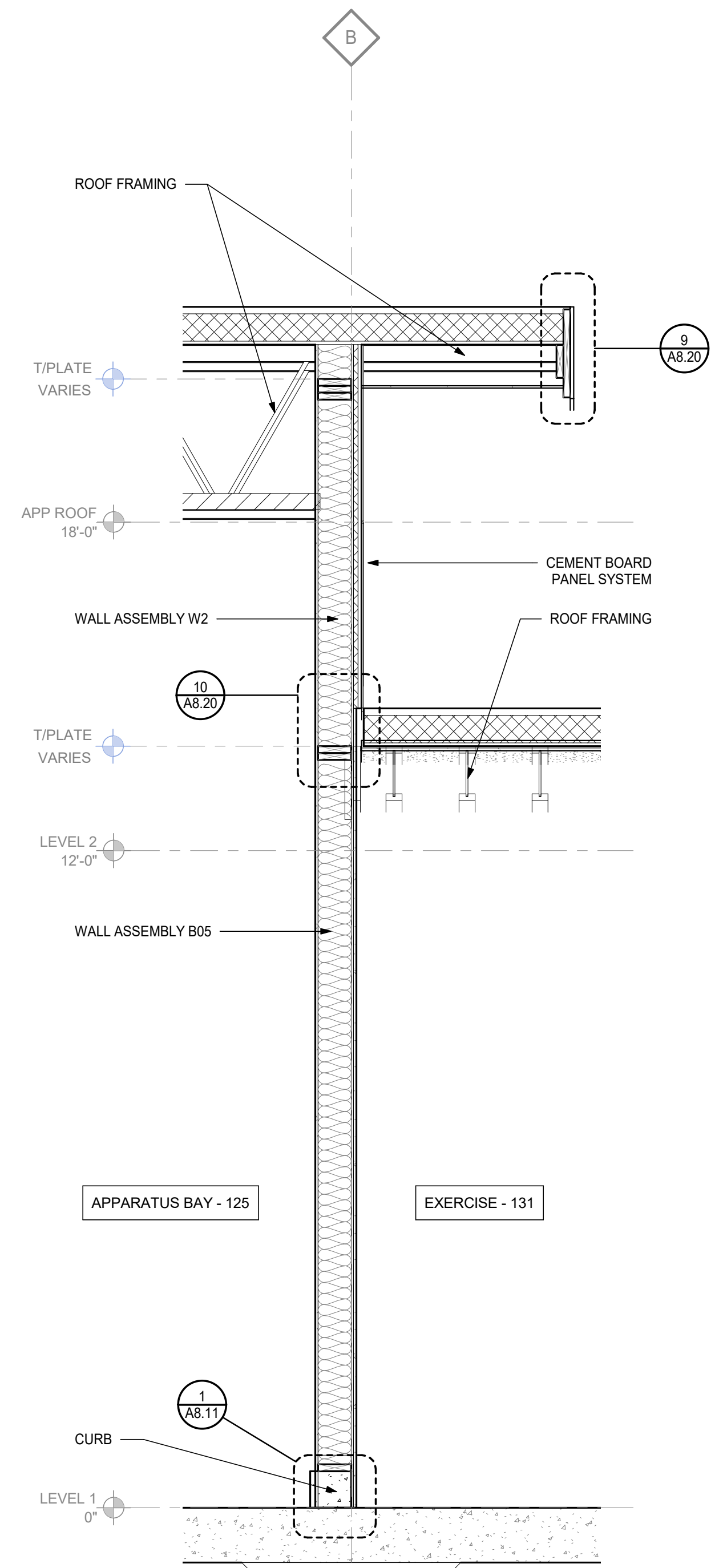
INTERIOR WALL SECTIONS

Sheet No

A3.25



1 WALL AT APP BAY/LIVING QUARTERS
1/2" = 1'-0"



2 WALL AT APP BAY/EXERCISE ROOM
1/2" = 1'-0"



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20006

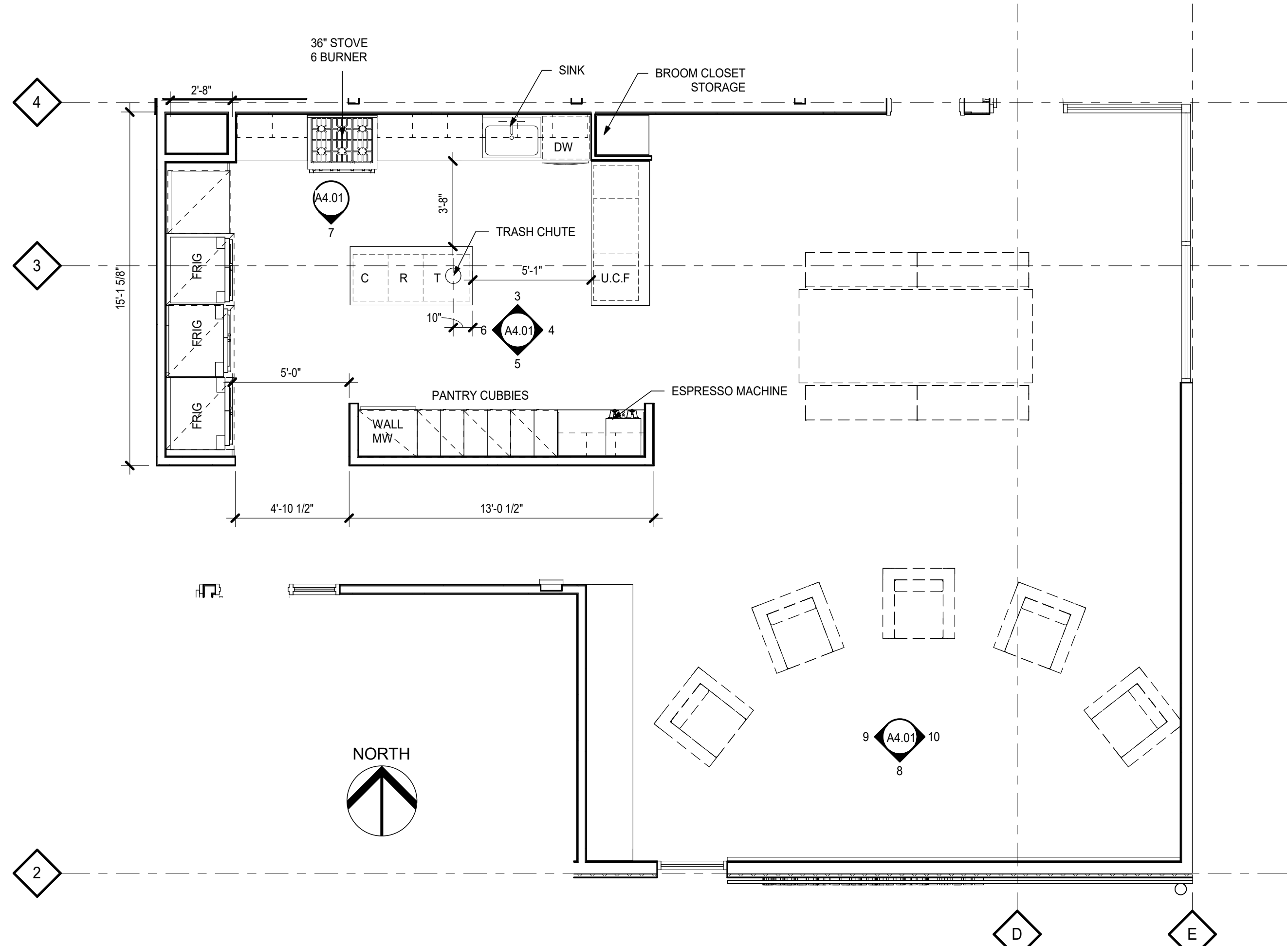
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ENLARGED KITCHEN PLANS AND ELEVATIONS

Sheet No

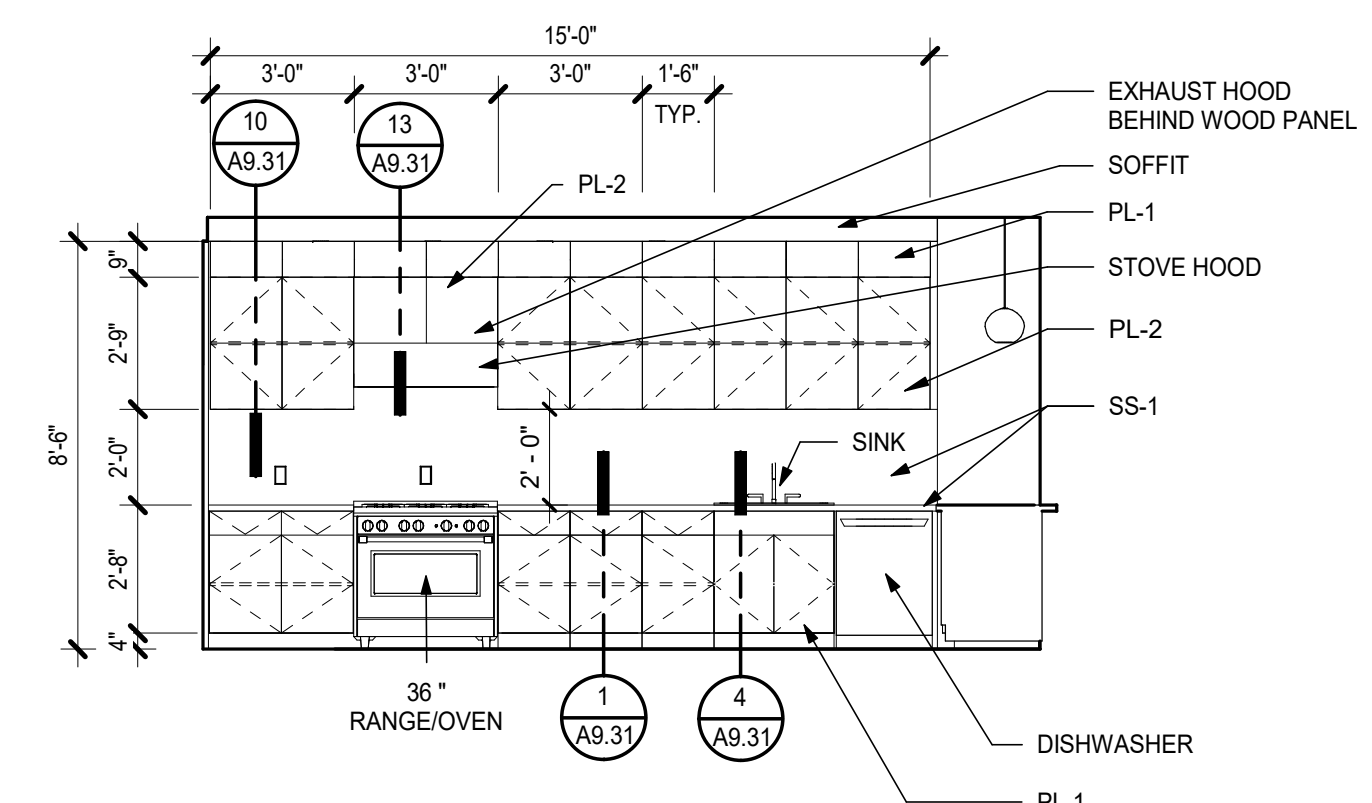
A4.01

SHEET NOTES

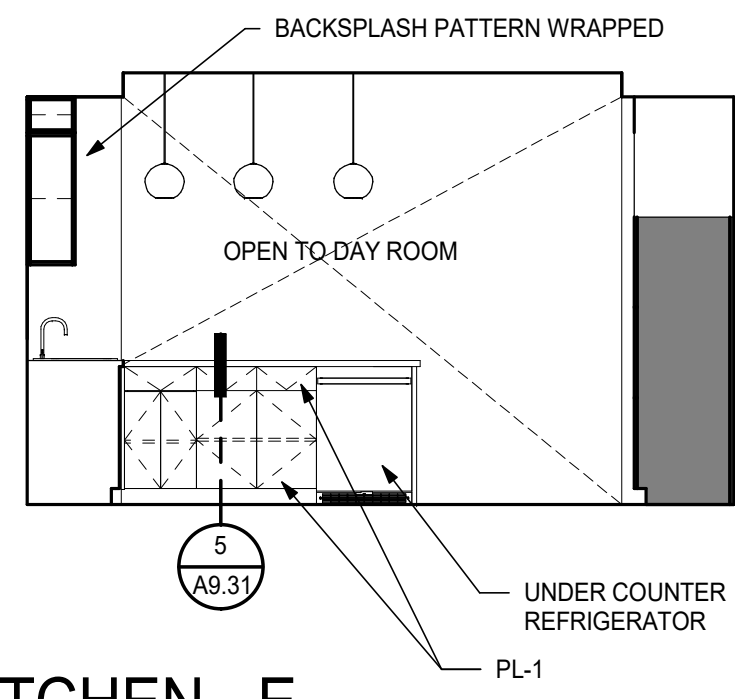
1. REFER TO TYPICAL MOUNTING HEIGHTS AND ADA DIMENSIONAL STANDARDS ON G2.02
2. PROVIDE IN-WALL BACKING FOR ALL WALL-MOUNTED ITEMS AND FOR FUTURE ITEMS WHERE INDICATED.
3. VERIFY ALL FIRE EXTINGUISHER LOCATIONS WITH FIRE CODE OFFICIAL PRIOR TO INSTALL.
4. SEE HM FRAME AND STOREFRONT TYPES IN A8.01.
5. SEE I2.02 FOR FINISH SCHEDULE



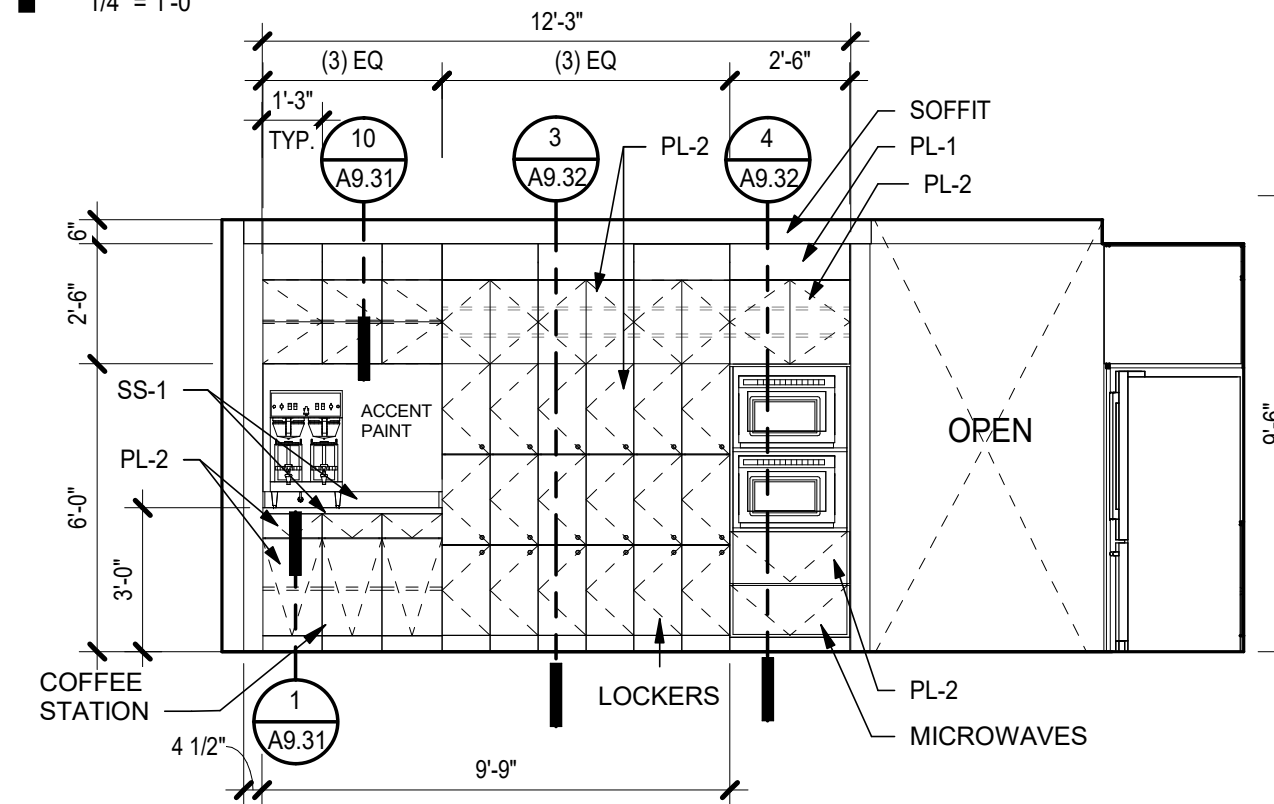
1 ENLARGED KITCHEN
1/4" = 1'-0"



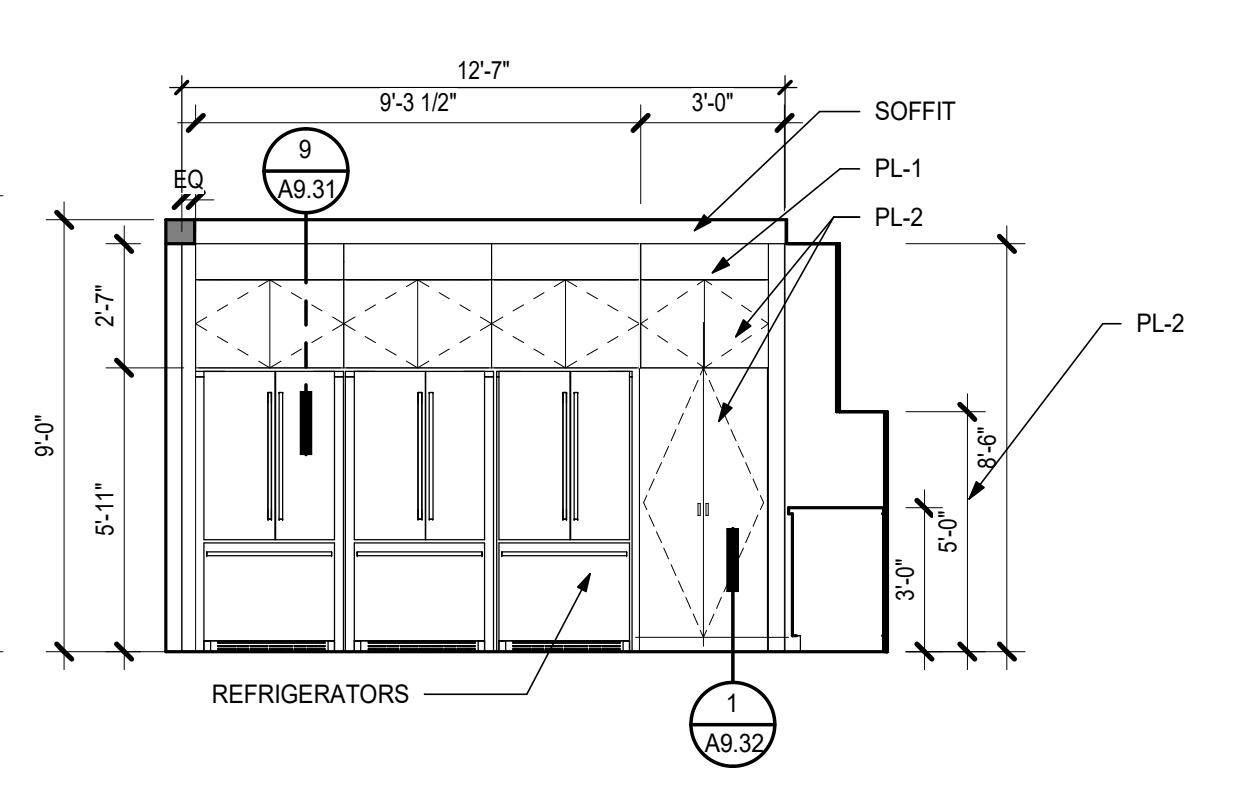
3 106 - KITCHEN - N
1/4" = 1'-0"



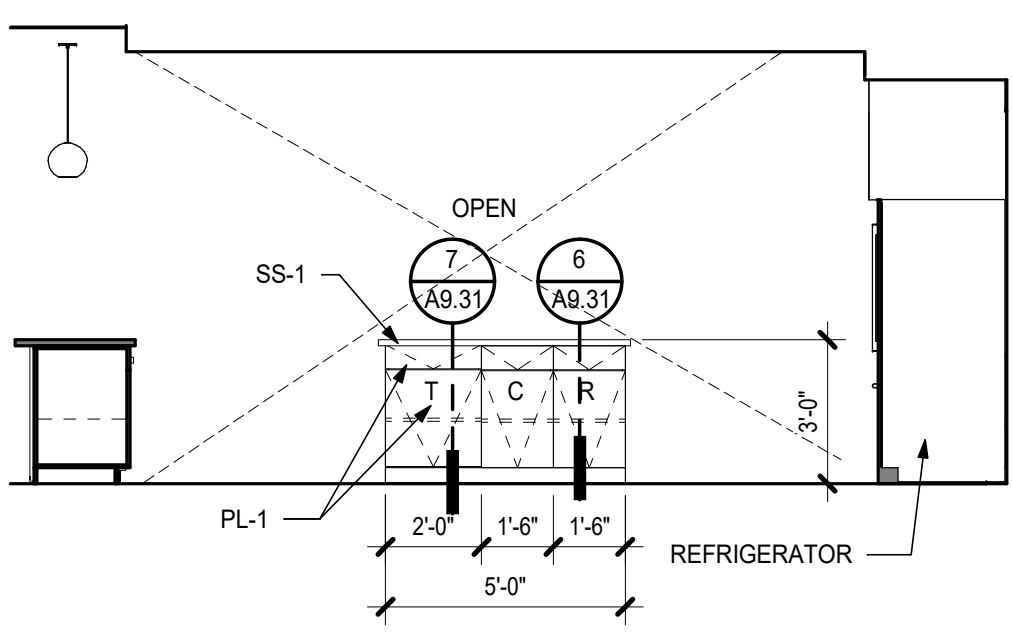
4 106 - KITCHEN - E
1/4" = 1'-0"



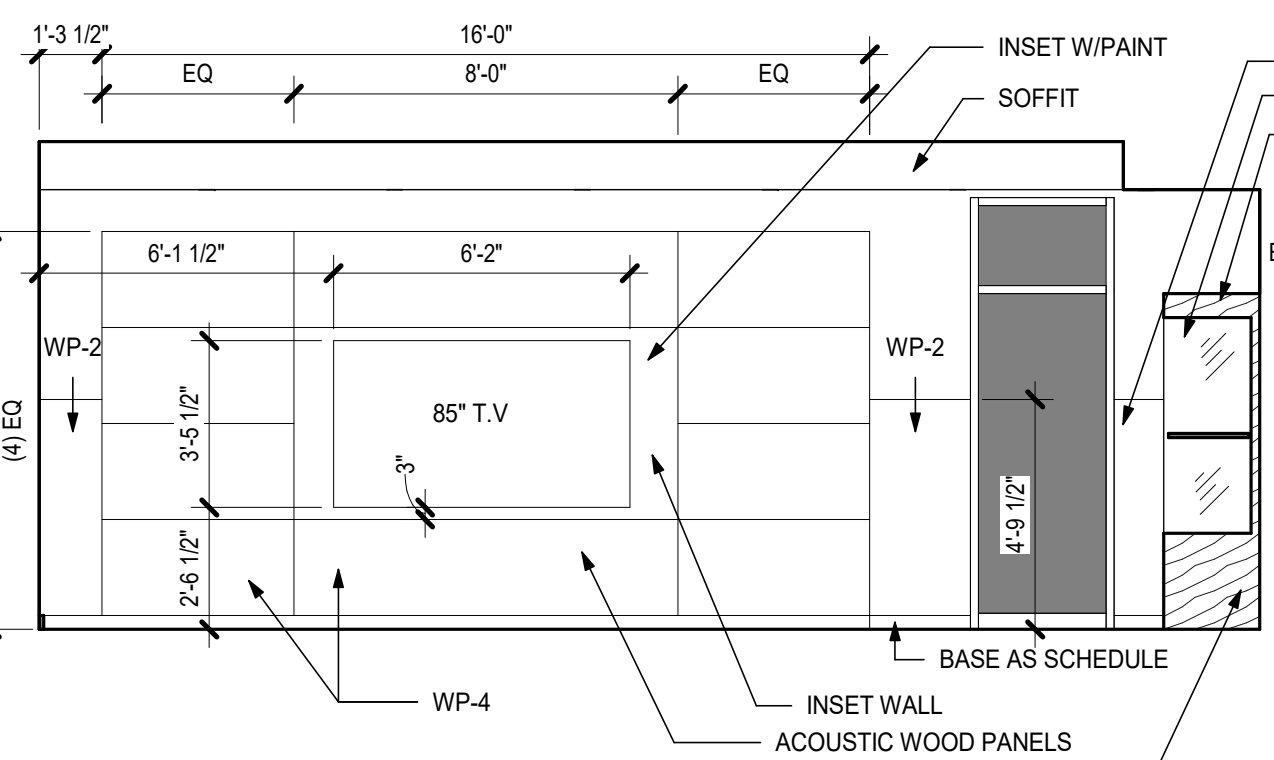
5 106 - KITCHEN - S
1/4" = 1'-0"



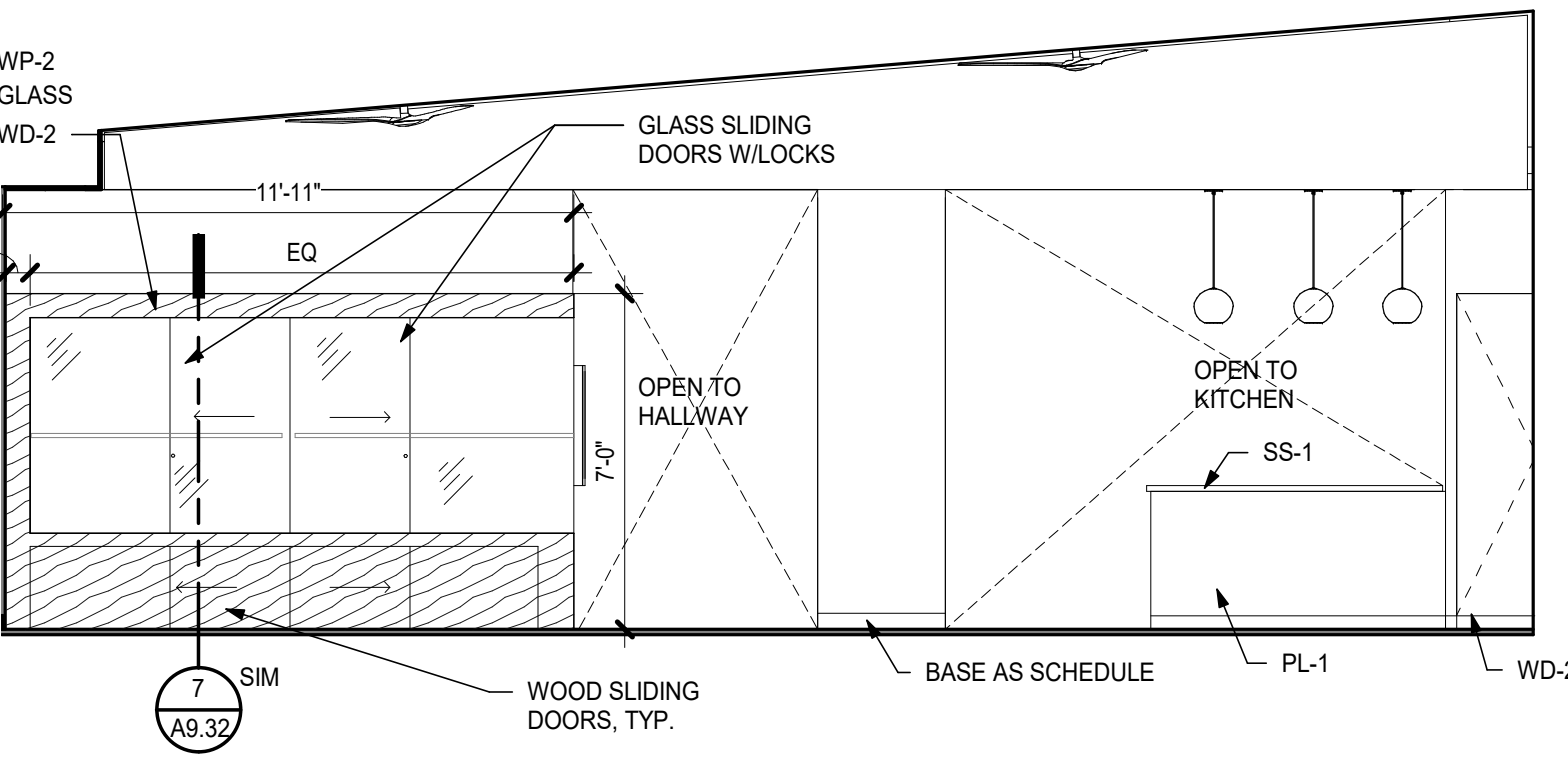
6 106 - KITCHEN - W
1/4" = 1'-0"



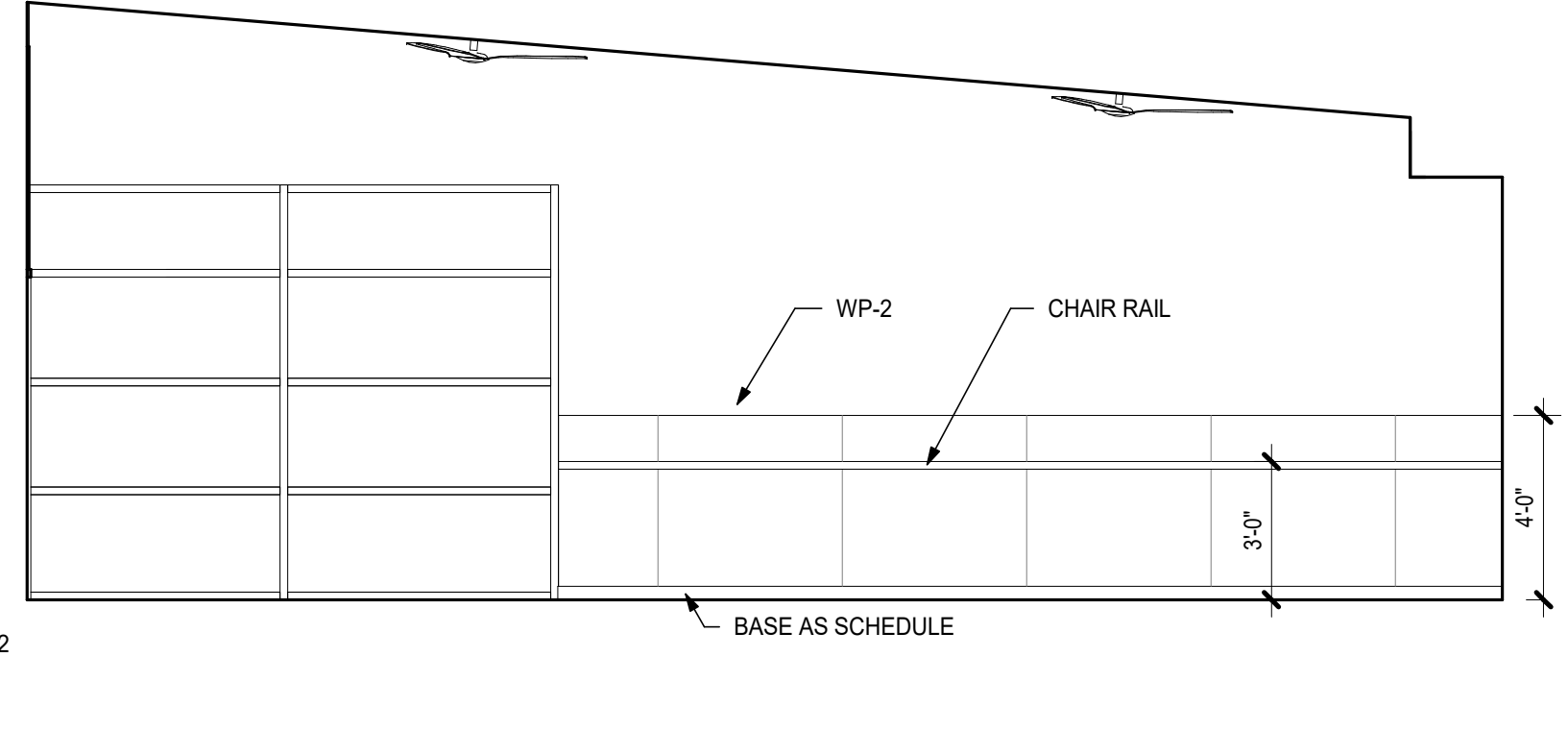
7 106 - KITCHEN ISLAND - S
1/4" = 1'-0"



8 DAY ROOM
1/4" = 1'-0"

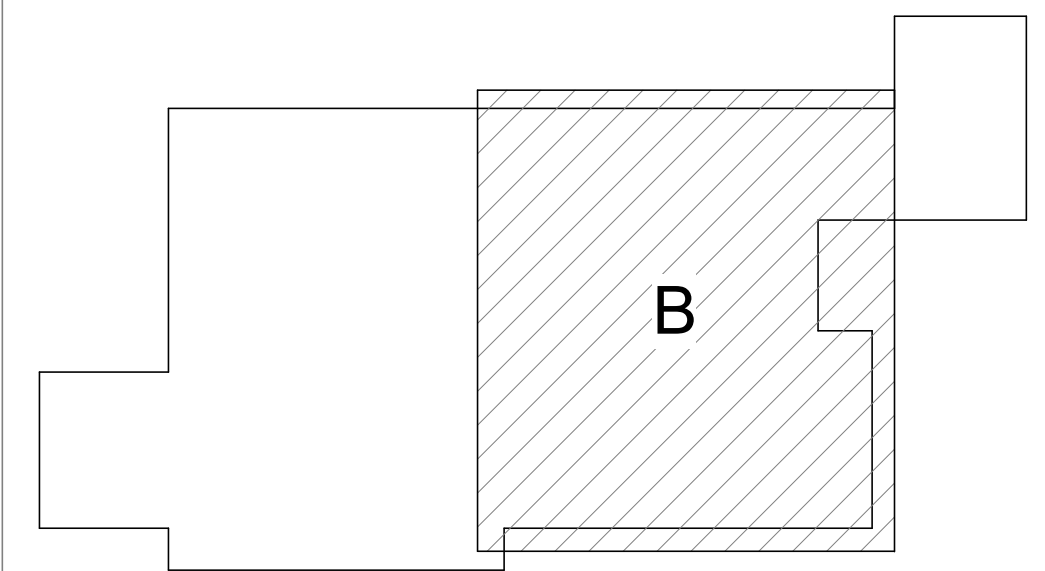


9 DAY ROOM WEST
1/4" = 1'-0"



10 DAY ROOM EAST
1/4" = 1'-0"

Key Plan





SHEET NOTES

1. ANY EXTERIOR WALL NOT LABELED WITH A WALL TAG SHALL BE WALL TYPE: W01.
2. ANY INTERIOR WALL NOT LABELED WITH A WALL TAG SHALL BE WALL TYPE: B01, WITH GYP TERMINATING AT 6" ABOVE CEILING.
3. REFER TO SHEET A0.11 FOR INTERIOR PARTITION TYPES AND KEY.
4. REFER TO DIMENSIONAL STANDARDS ON A0.11.
5. ALL ACOUSTIC WALL SEPARATIONS MUST BE SEALED FOR SOUND TRANSMISSION.
6. SEE FOUNDATION PLAN FOR SLAB SLOPE AT TRENCH DRAINS
7. PROVIDE UNDER-SLAB VAPOR BARRIER BENEATH ENTIRE SLAB-ON-GRADE.

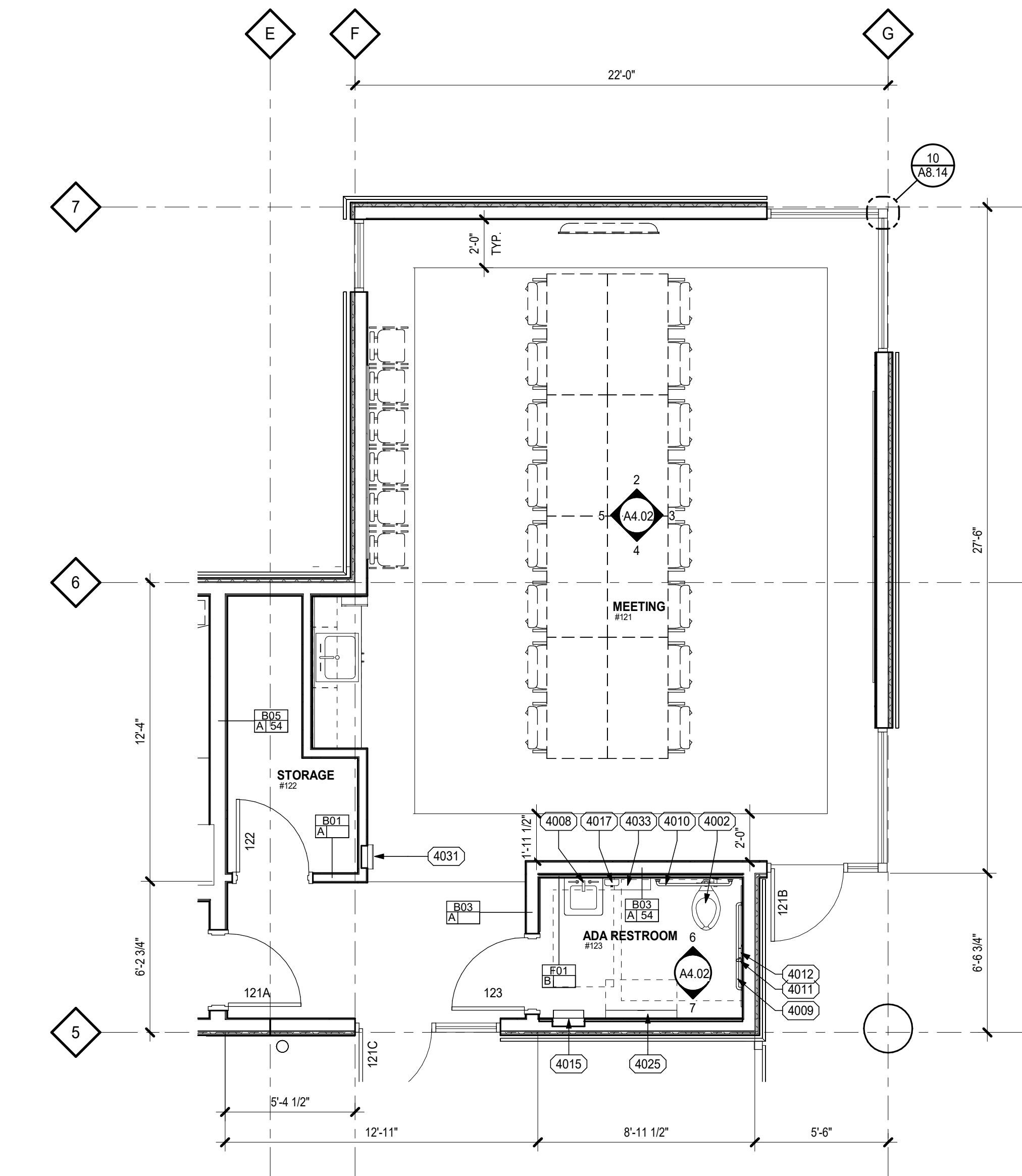
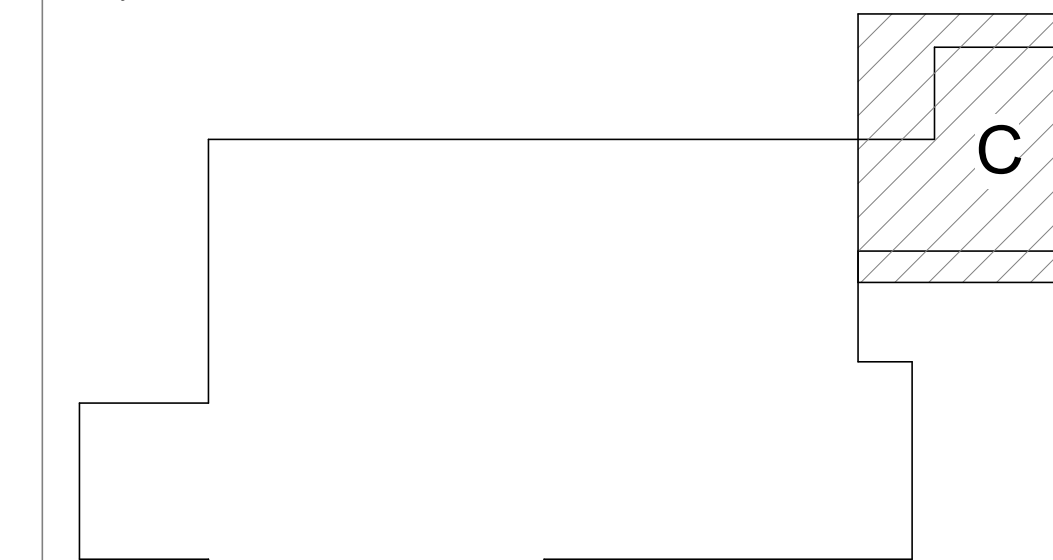
LEGEND

- ENLARGED VIEW MARK
1=SECTION NO.
A101= SHEET NO.
- PARTITION MARK
(REF. INTERIOR ASSEMBLIES)
- WINDOW TAG
- DOOR TAG
- FLOOR DRAIN - SEE PLUMBING DRAWINGS
- FLOOR TRENCH DRAIN - SEE PLUMBING DRAWINGS AND STRUCTURAL FOUNDATION PLAN
- FLOOR SINK - SEE KITCHEN EQUIPMENT DRAWINGS

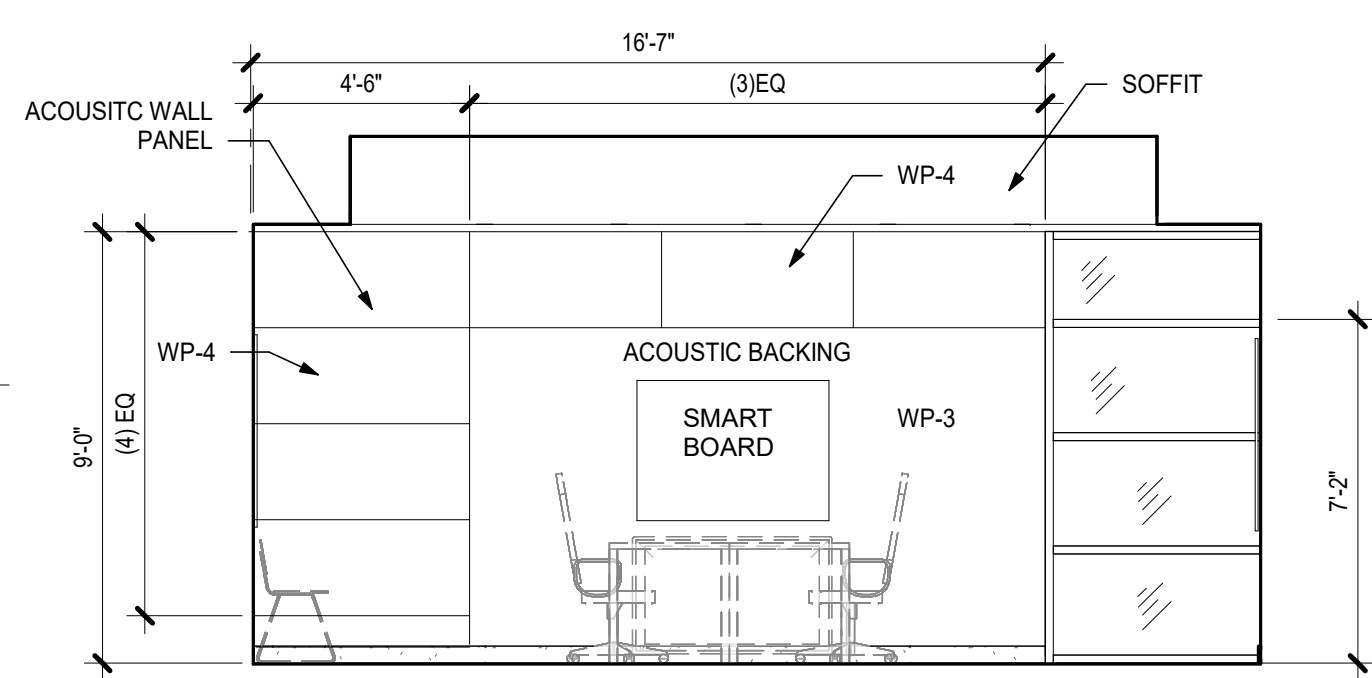
LEGEND - KEYNOTES

MARK	DESCRIPTION
4002	FLOOR MOUNT FLUSH VALVE TOILET, ADA.
4008	WALL-MOUNTED SINK, ADA.
4009	42" HORIZONTAL GRAB BAR.
4010	36" HORIZONTAL GRAB BAR.
4011	18" VERTICAL GRAB BAR.
4012	COMBINATION TOILET PAPER / SEAT COVER / NAPKIN DISPOSAL UNIT.
4015	COMBINATION PAPER TOWEL DISPENSER & WASTE DISPOSAL UNIT.
4017	SOAP DISPENSER.
4025	BABY CHANGING STATION.
4031	FIRE EXTINGUISHER CABINET.
4033	8" D X 18" L METAL SHELF. MOUNT AT 2'-10" A.F.F.

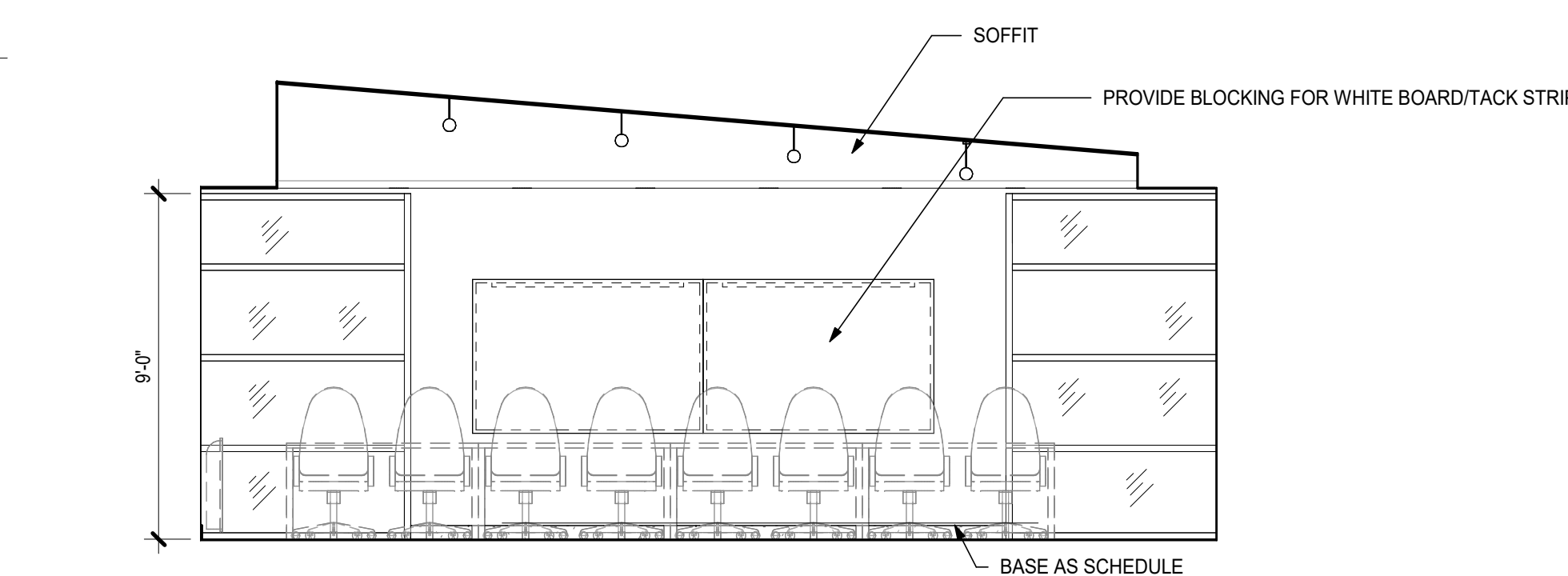
Key Plan



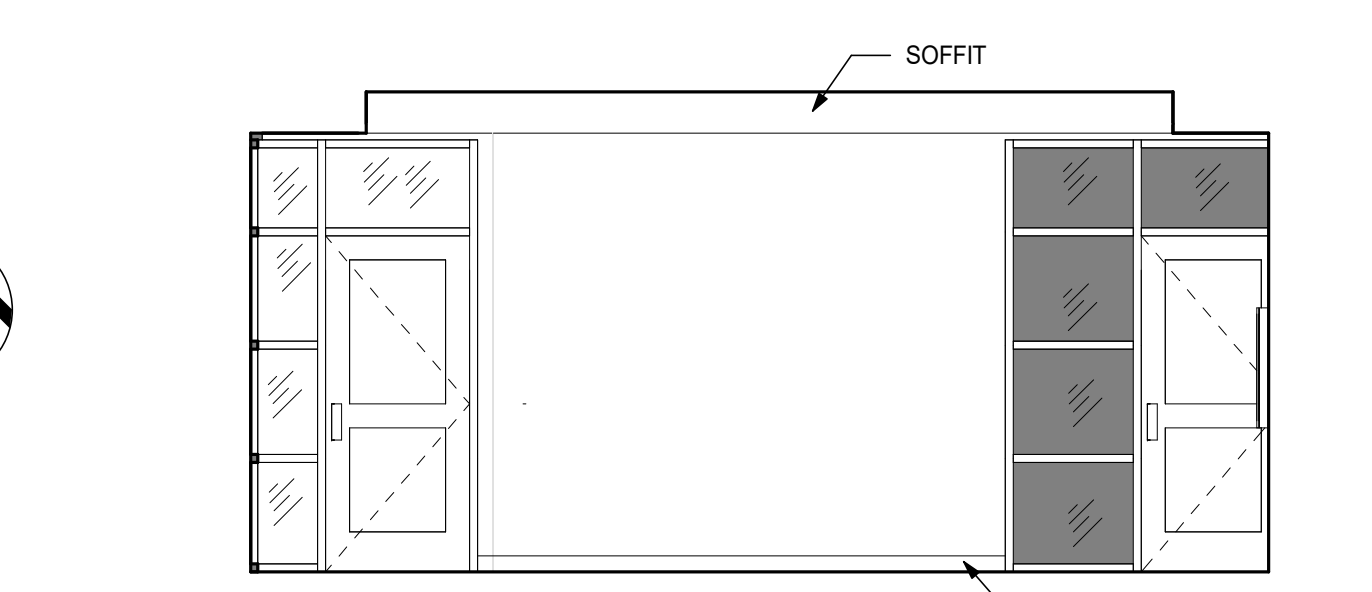
1 ENLARGED MEETING ROOM
1/4" = 1'-0"



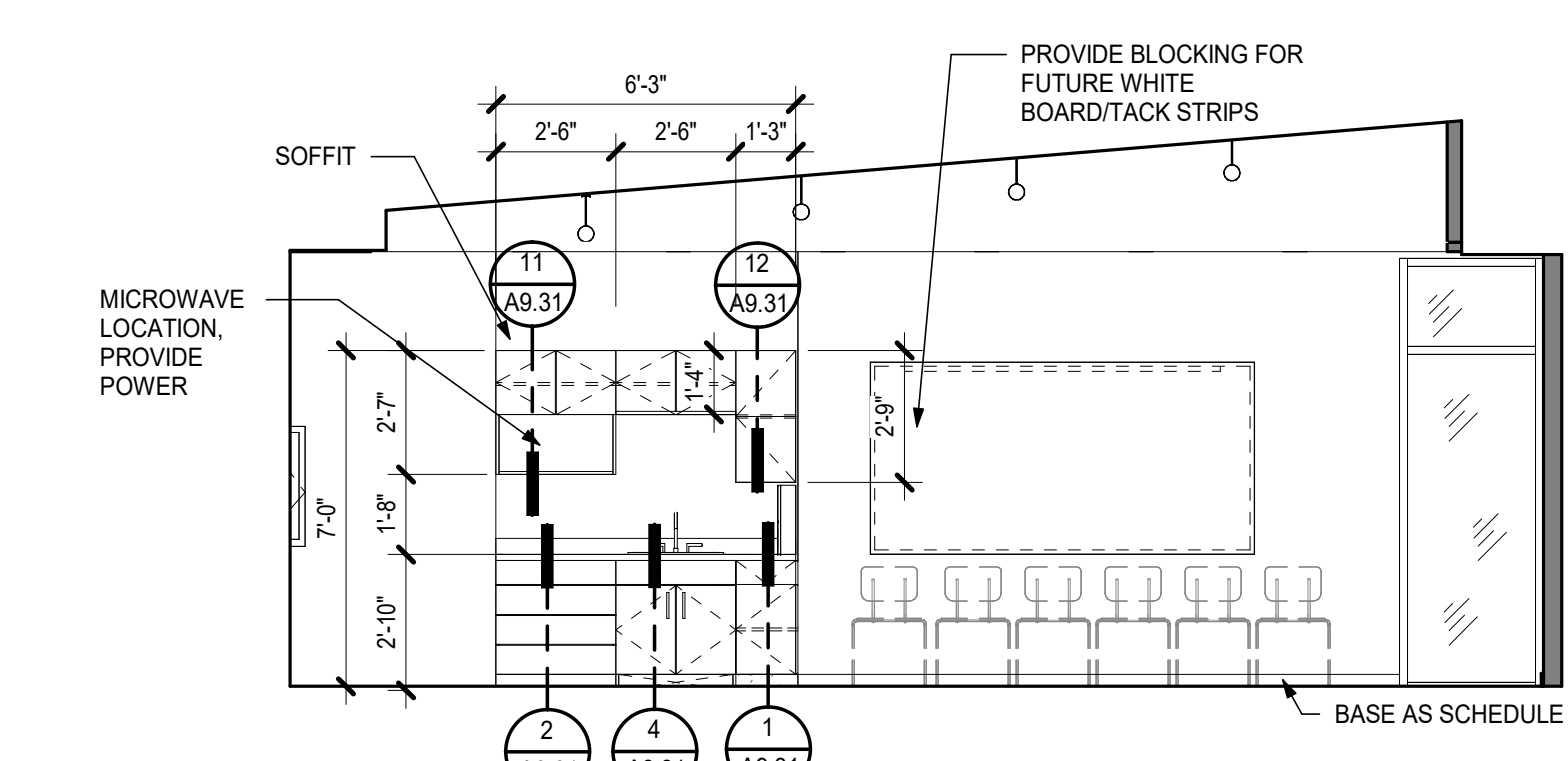
2 121 - MEETING ROOM - N
1/4" = 1'-0"



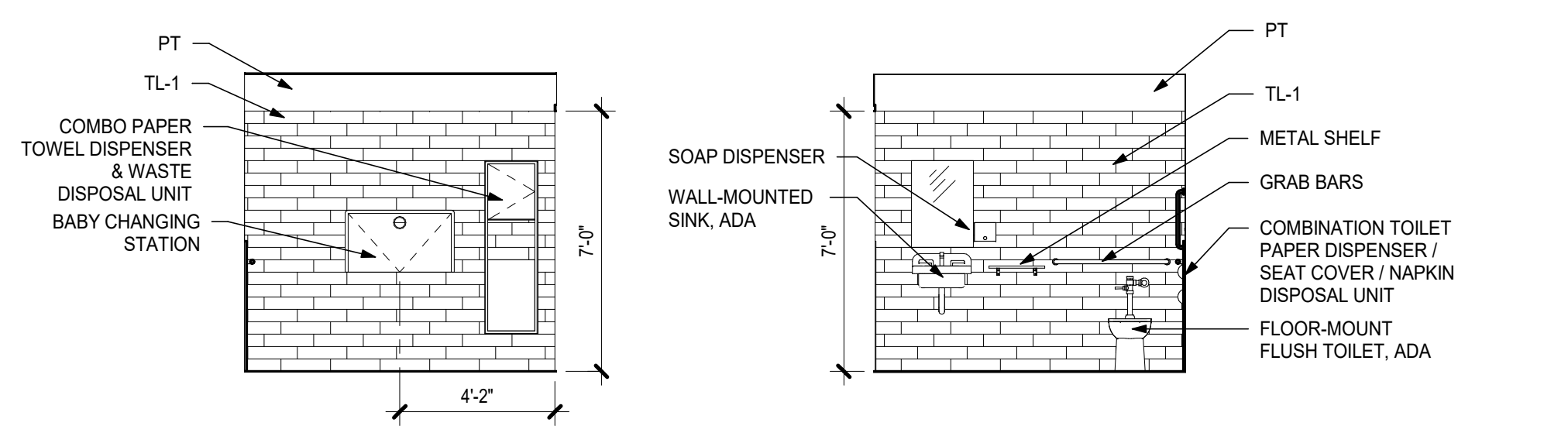
3 121 - MEETING ROOM - E
1/4" = 1'-0"



4 121 - MEETING ROOM - S
1/4" = 1'-0"



5 121 - MEETING ROOM - W
1/4" = 1'-0"



6 123 - ADA RESTROOM - N
1/4" = 1'-0"

7 123 - ADA RESTROOM - S
1/4" = 1'-0"

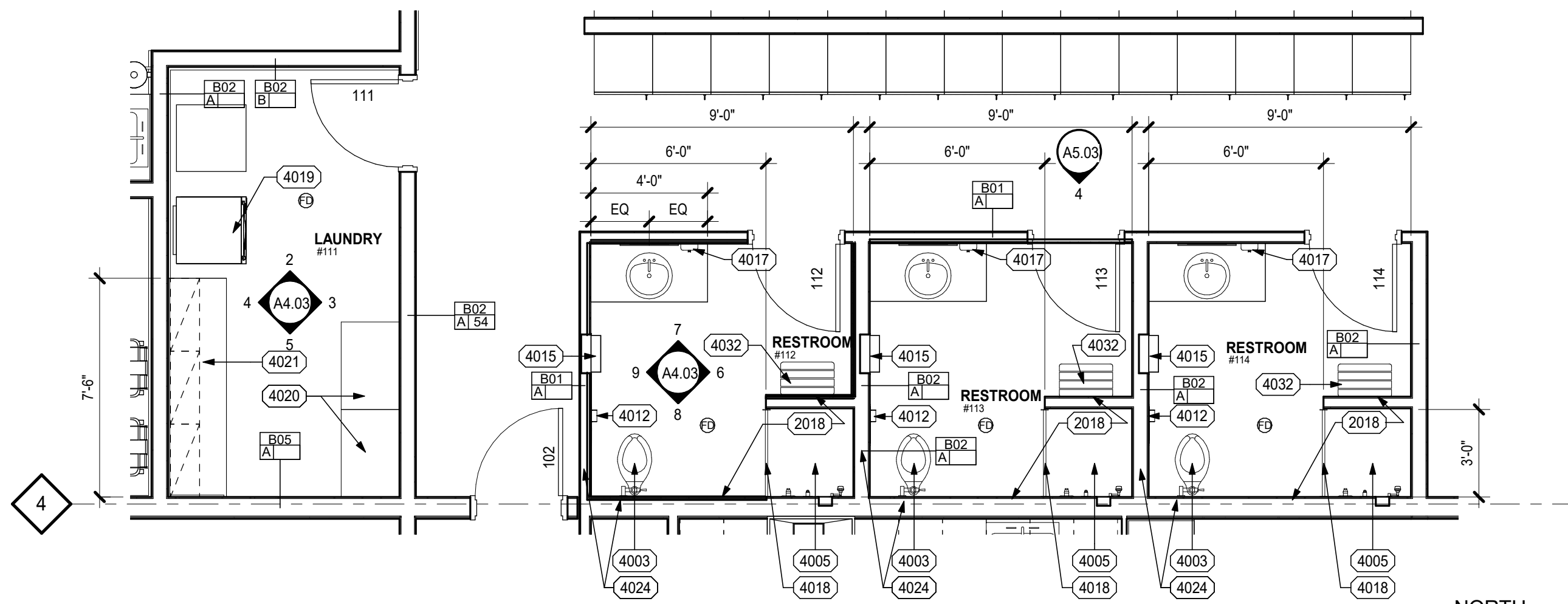


SHEET NOTES

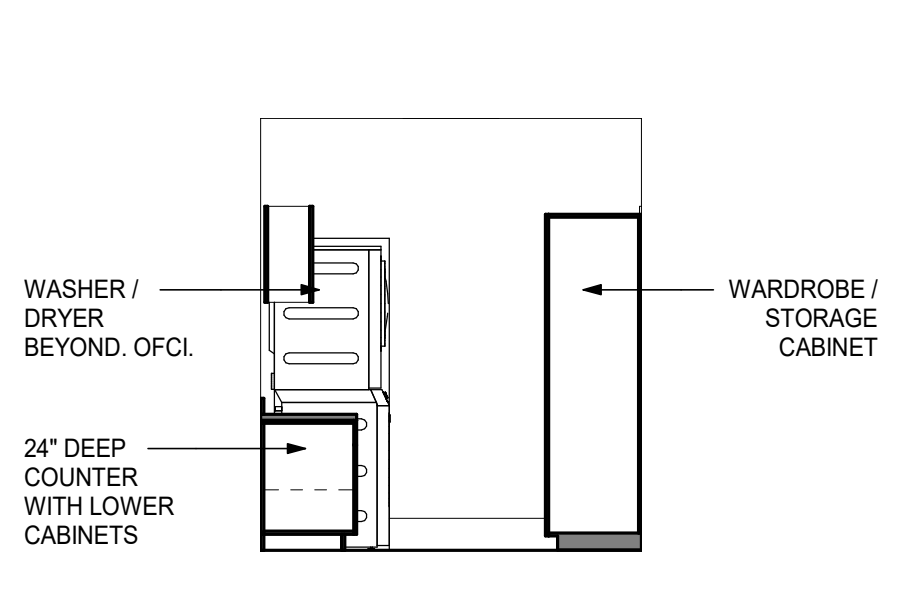
1. REFER TO TYPICAL MOUNTING HEIGHTS AND ADA DIMENSIONAL STANDARDS ON G2.02
2. PROVIDE IN-WALL BACKING FOR ALL WALL-MOUNTED ITEMS AND FOR FUTURE ITEMS WHERE INDICATED.
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5. SEE I2.02 FOR FINISH SCHEDULE

LEGEND - KEYNOTES

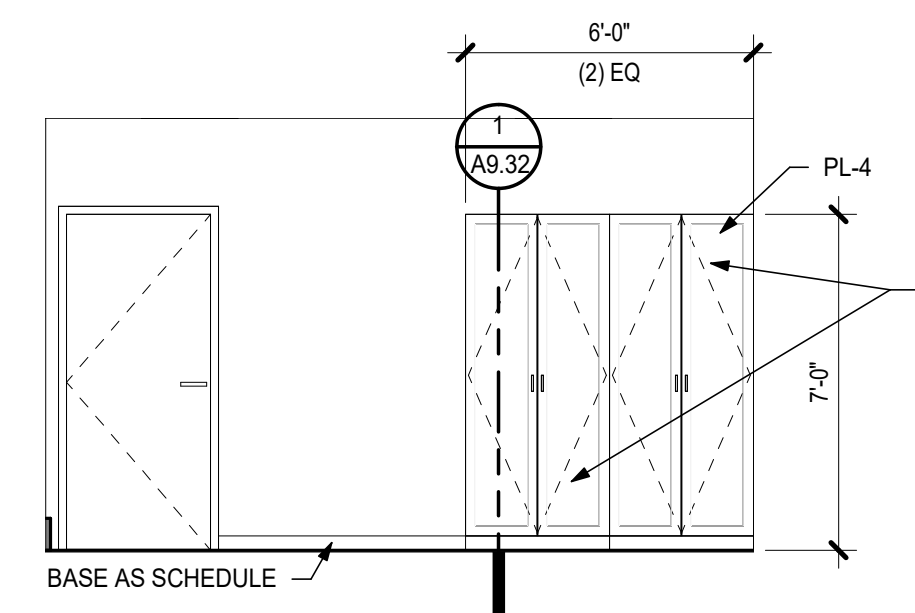
MARK	DESCRIPTION
2017	BACKFLOW DEVICE. SEE PLUMBING FOR ADD'L INFO.
2018	(3) ROBE HOOKS. PROVIDE BACKING IN WALL.
4002	FLOOR MOUNT FLUSH VALVE TOILET, ADA.
4003	FLOOR MOUNT FLUSH VALVE TOILET.
4005	PRE-FABRICATED SHOWER INSERT.
4008	WALL-MOUNTED SINK, ADA.
4009	42" HORIZONTAL GRAB BAR.
4010	36" HORIZONTAL GRAB BAR.
4011	18" VERTICAL GRAB BAR.
4012	COMBINATION TOILET PAPER / SEAT COVER / NAPKIN DISPOSAL UNIT.
4015	COMBINATION PAPER TOWEL DISPENSER & WASTE DISPOSAL UNIT.
4017	SOAP DISPENSER.
4018	SHOWER CURTAIN AND ROD.
4019	WASHER / DRYER, OFCI.
4020	WARDROBE / STORAGE CABINET.
4021	24" DEEP COUNTER WITH LOWER CABINETS.
4022	MOP SINK.
4023	HOT WATER HEATER.
4024	PROVIDE BLOCKING IN WALLS FOR FUTURE GRAB BARS.
4032	WALL MOUNTED FOLD-DOWN BENCH. 24" L X 15" D
4033	8" D X 18" L METAL SHELF. MOUNT AT 2'-10" A.F.F.



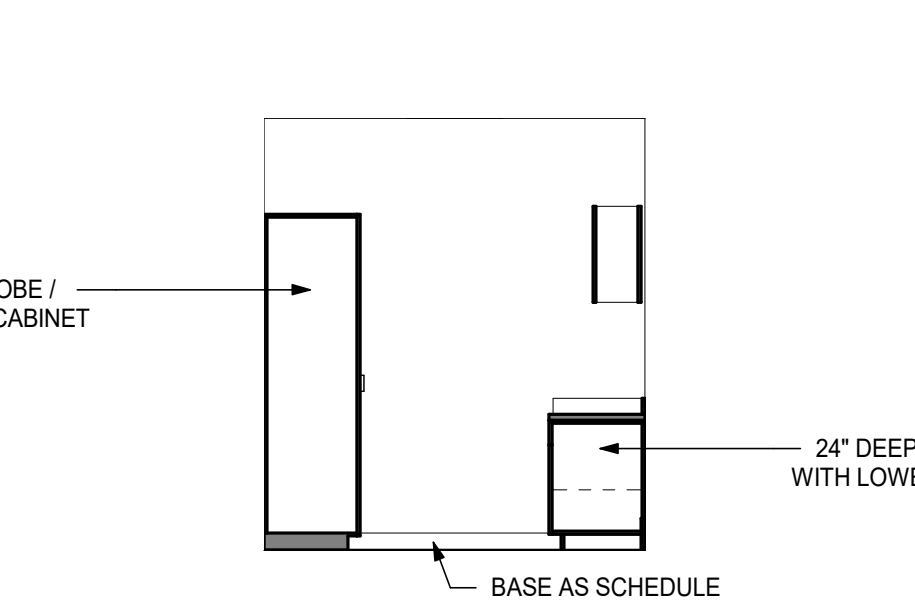
1 ENLARGED RESTROOM AND LAUNDRY
1/4" = 1'-0"



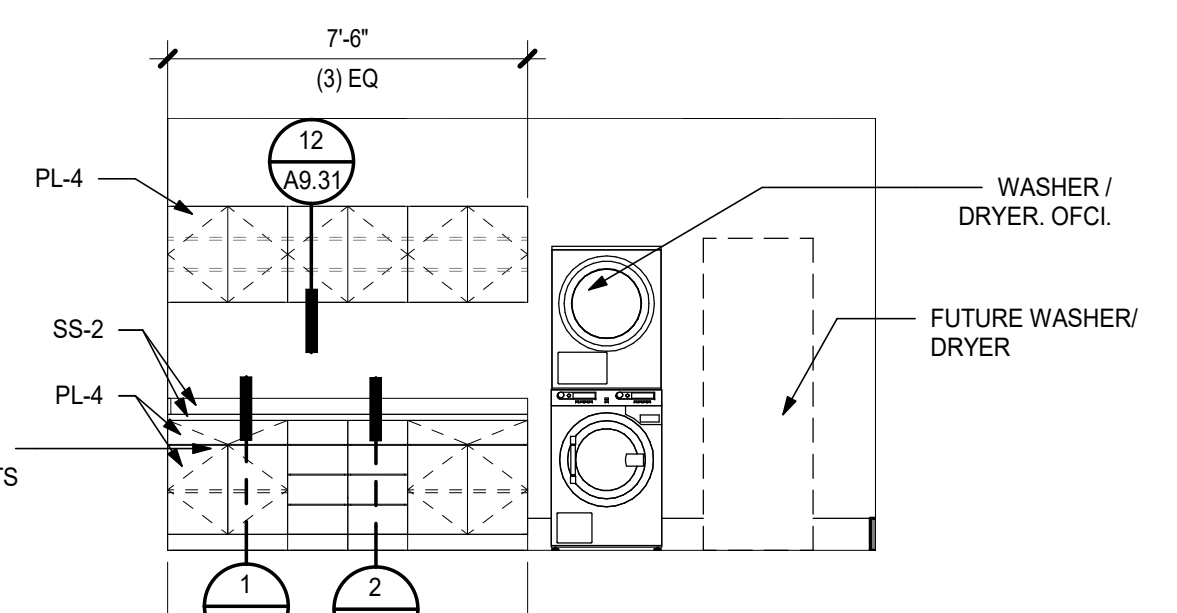
2 111 - LAUNDRY - N
1/4" = 1'-0"



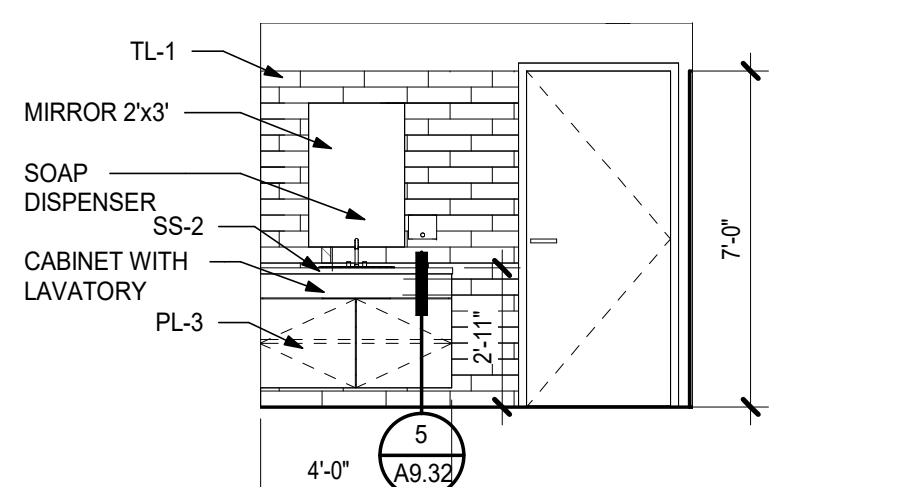
3 111 - LAUNDRY - E
1/4" = 1'-0"



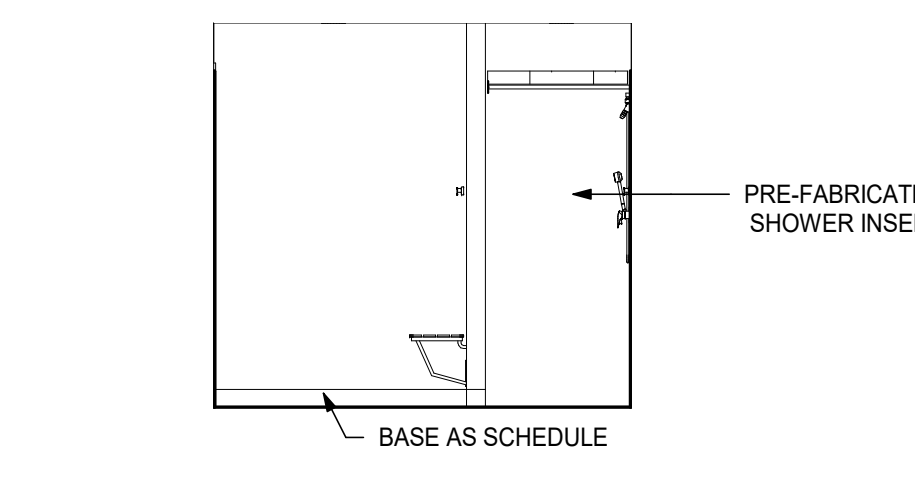
5 111 - LAUNDRY - S
1/4" = 1'-0"



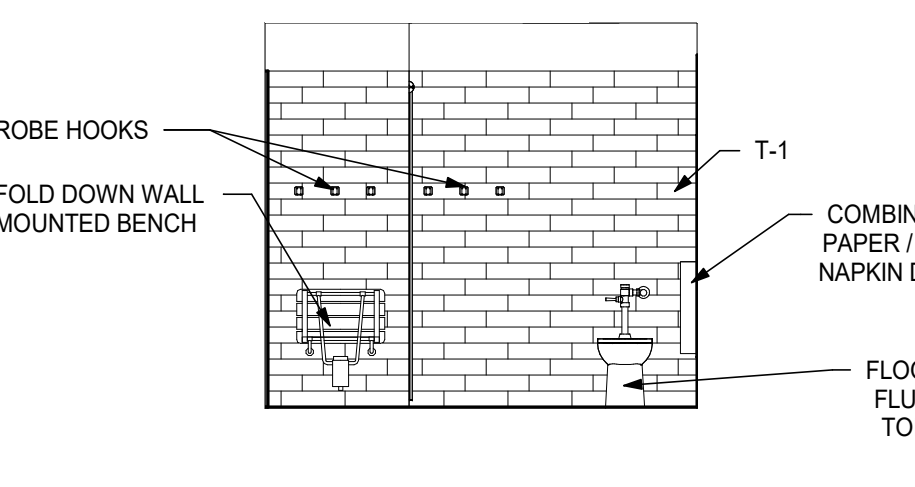
4 111 - LAUNDRY - W
1/4" = 1'-0"



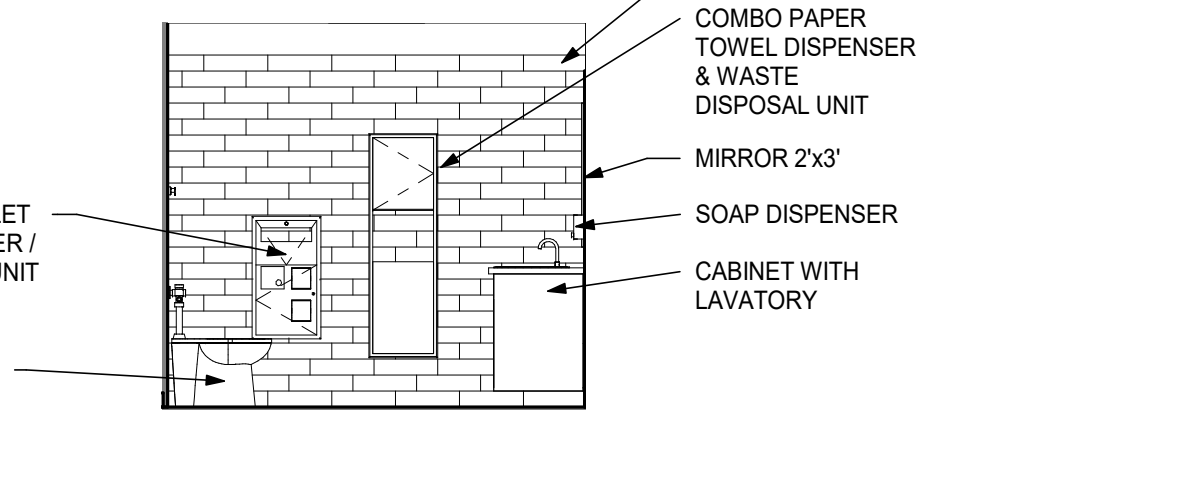
7 112 - RESTROOM - N
1/4" = 1'-0"



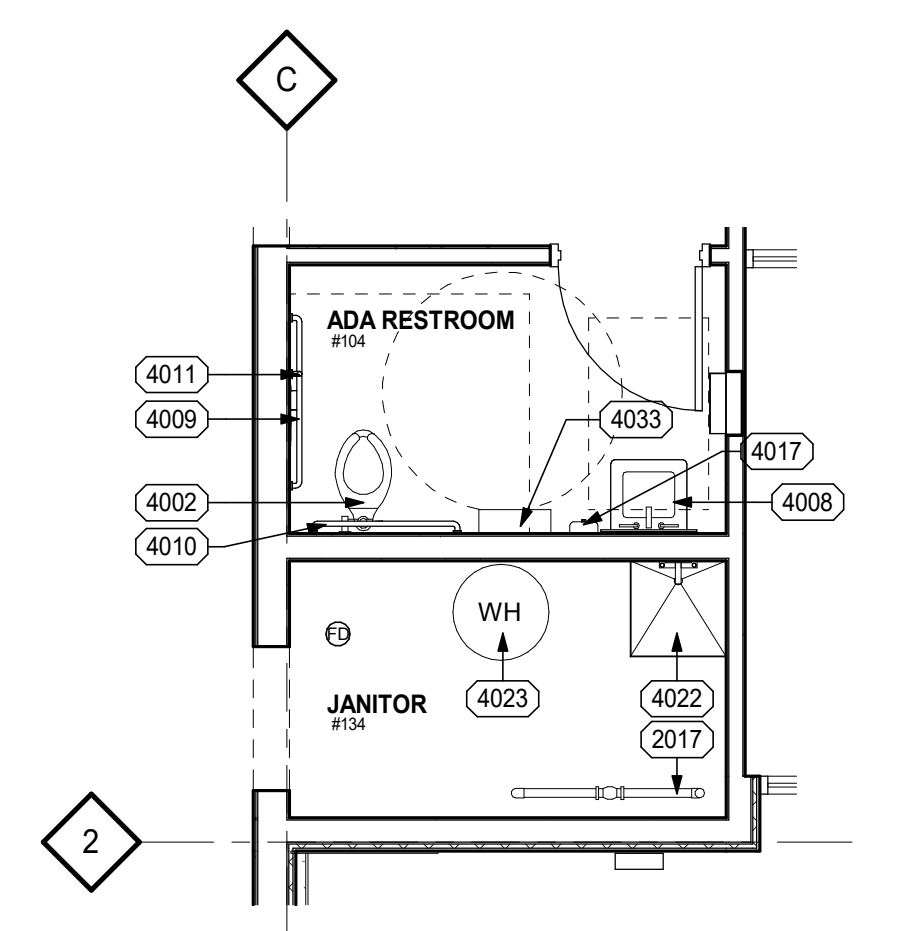
6 112 - RESTROOM - E
1/4" = 1'-0"



8 112 - RESTROOM - S
1/4" = 1'-0"

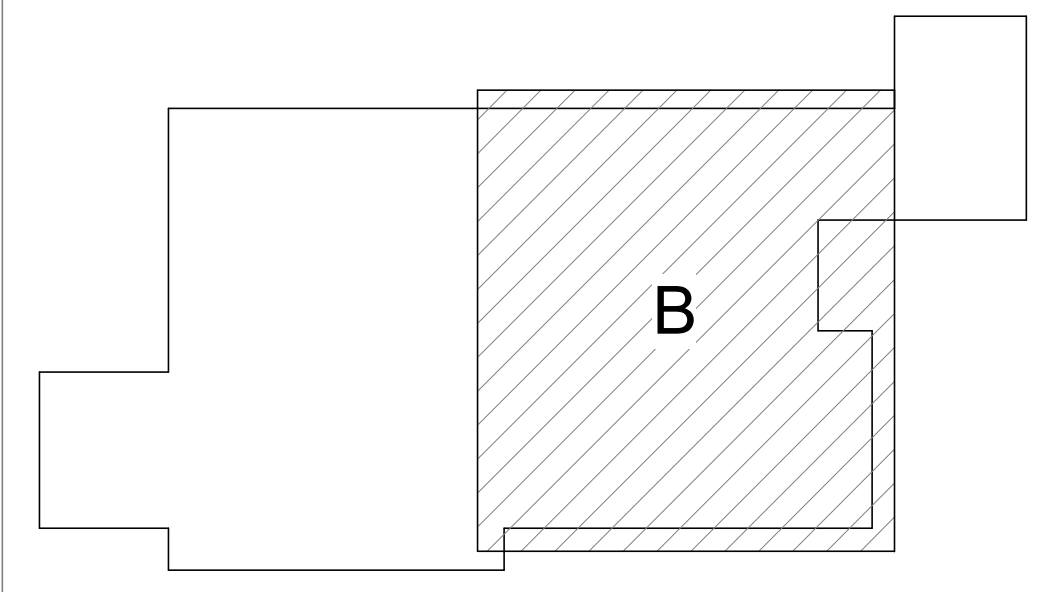


9 112 - RESTROOM - W
1/4" = 1'-0"



12 104 - ADA RESTROOM
1/4" = 1'-0"

Key Plan





Project

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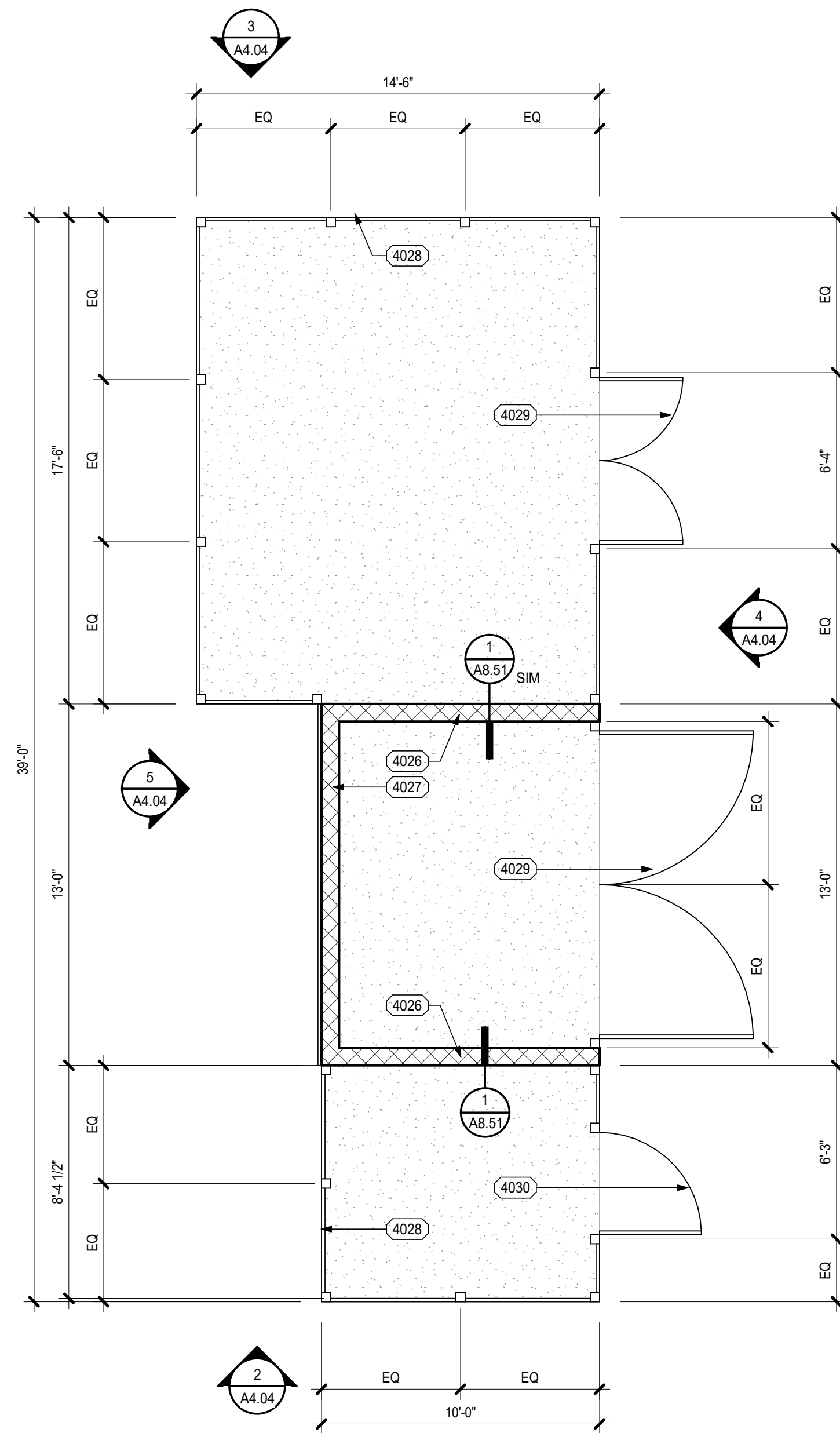
SCREENING ENCLOSURES

Sheet No

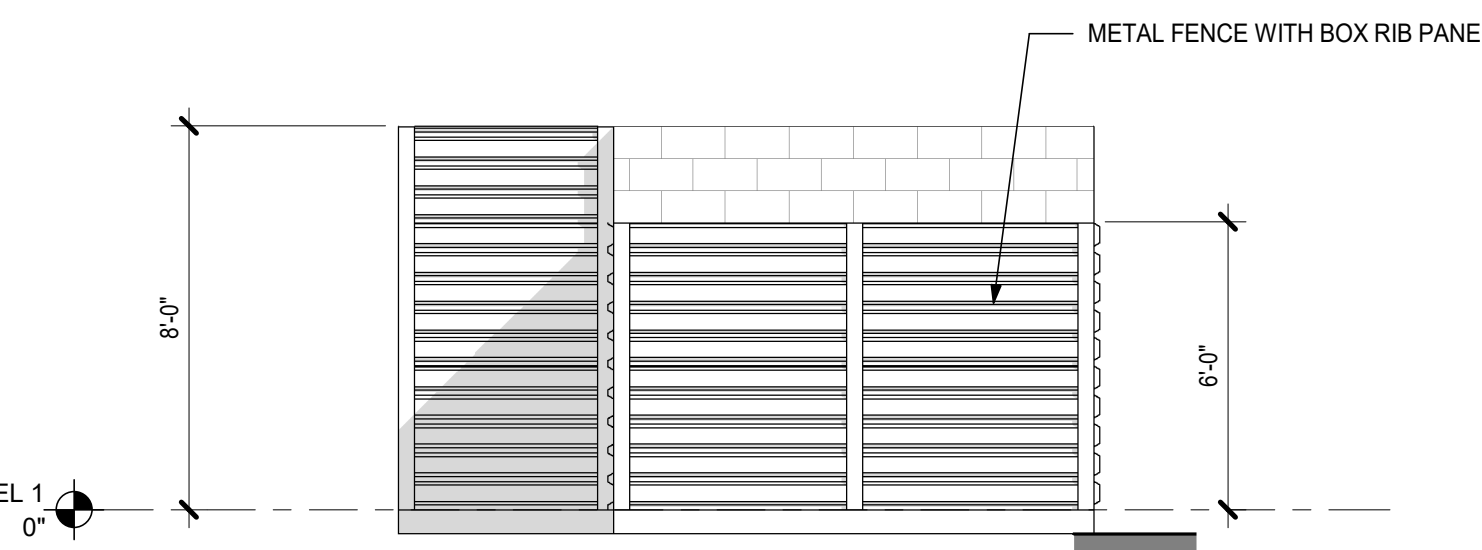
A4.04

MARK	DESCRIPTION
4026	CMU WALL
4027	CMU WALL WITH BOX RIB PANEL
4028	METAL FENCE WITH BOX RIB PANEL
4029	DOUBLE GATE
4030	SINGLE GATE

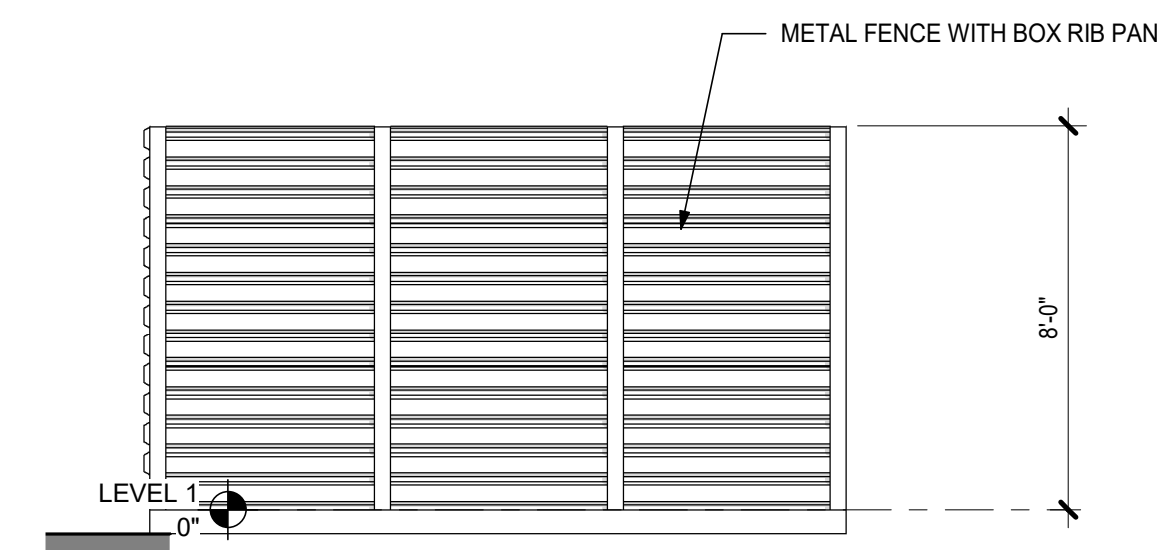
SEE SHEET A8.51 FOR FENCE DETAILS



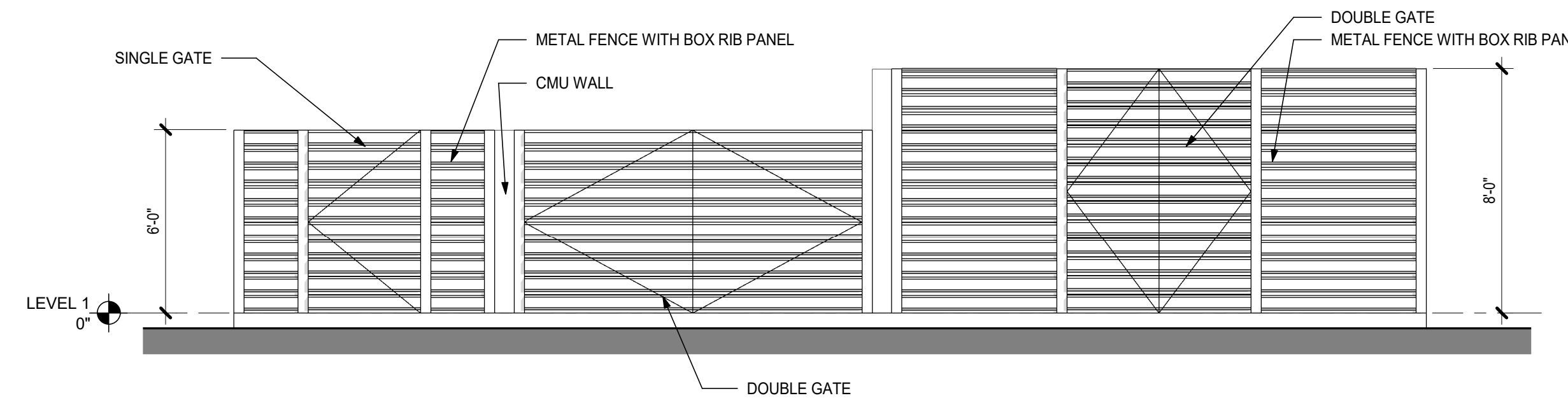
1 SCREENING ENCLOSURES
1/4" = 1'-0"



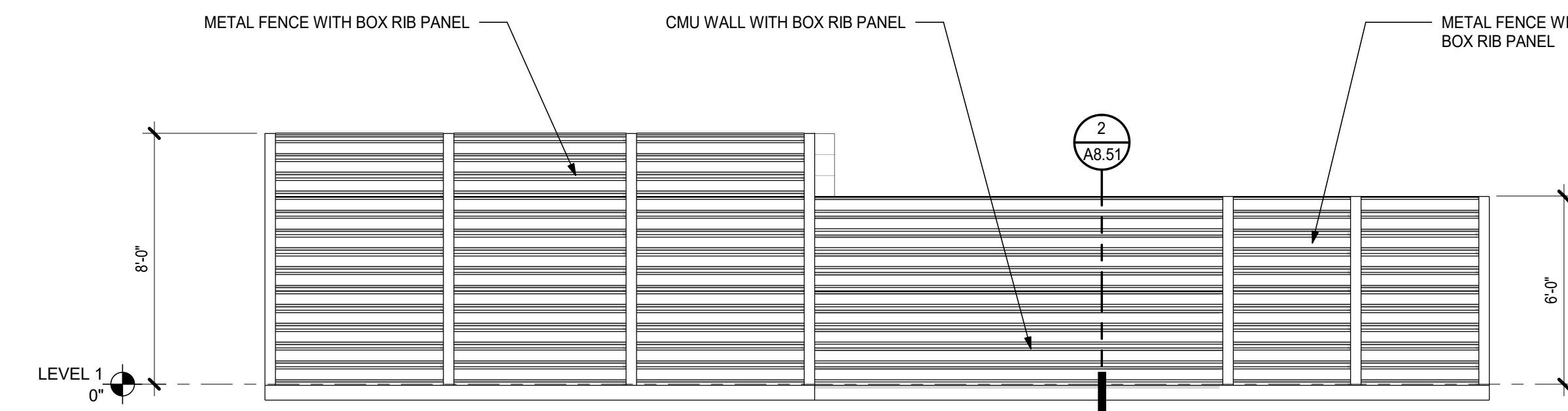
2 SCREENING - SOUTH ELEVATION
1/4" = 1'-0"



3 SCREENING - NORTH ELEVATION
1/4" = 1'-0"



4 SCREENING - EAST ELEVATION
1/4" = 1'-0"



5 SCREENING - WEST ELEVATION
1/4" = 1'-0"



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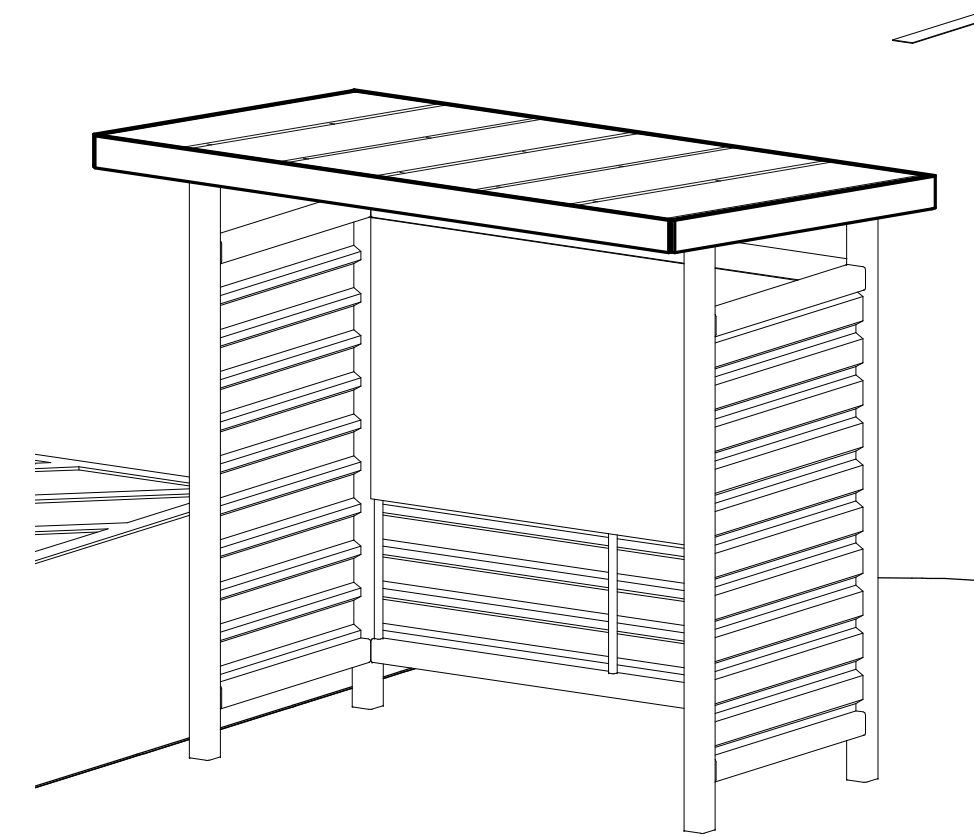
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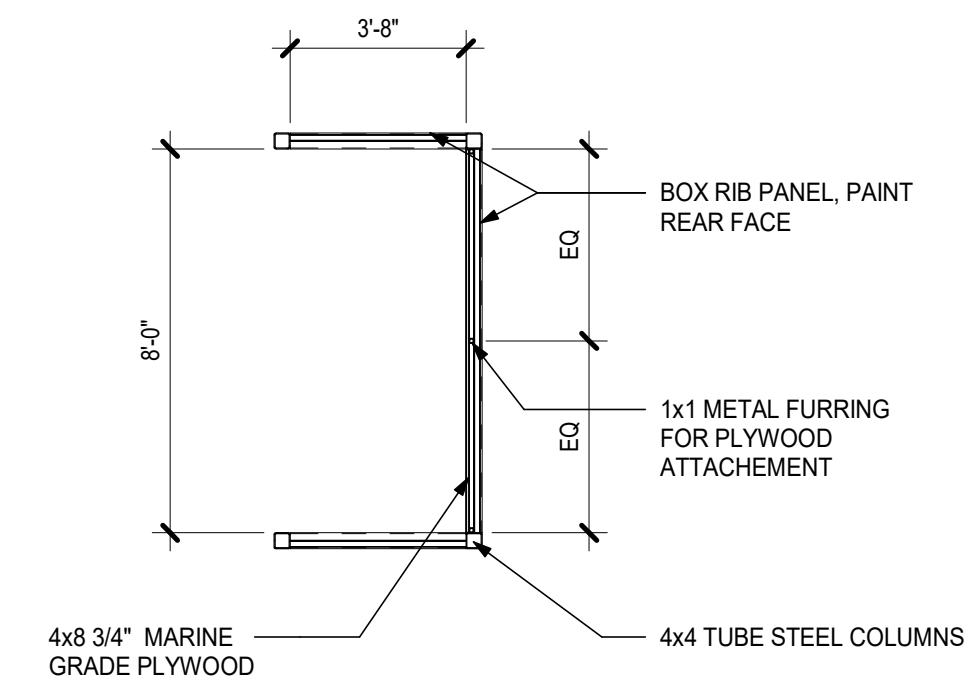
LIFE JACKET KIOSK

Sheet No

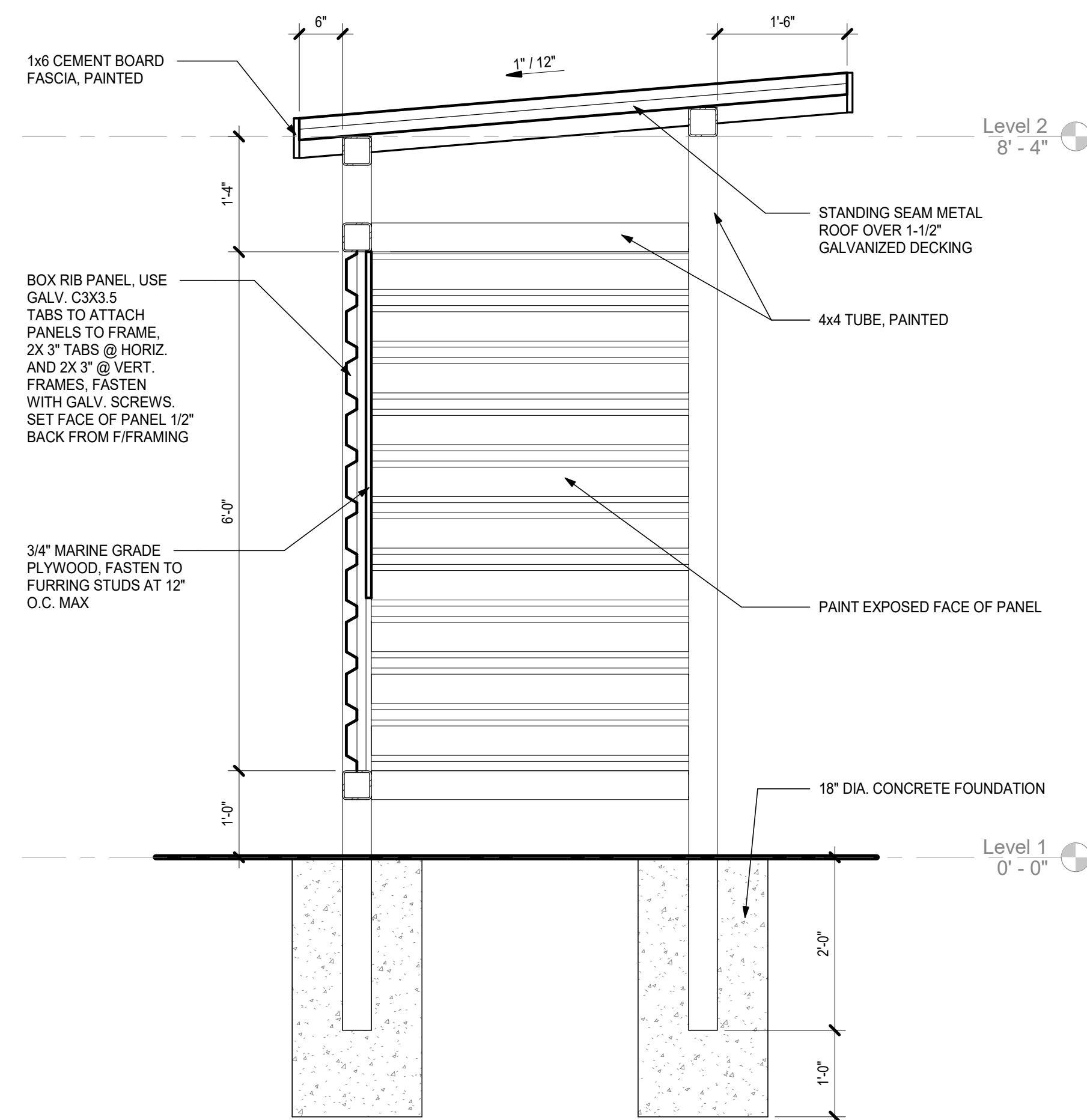
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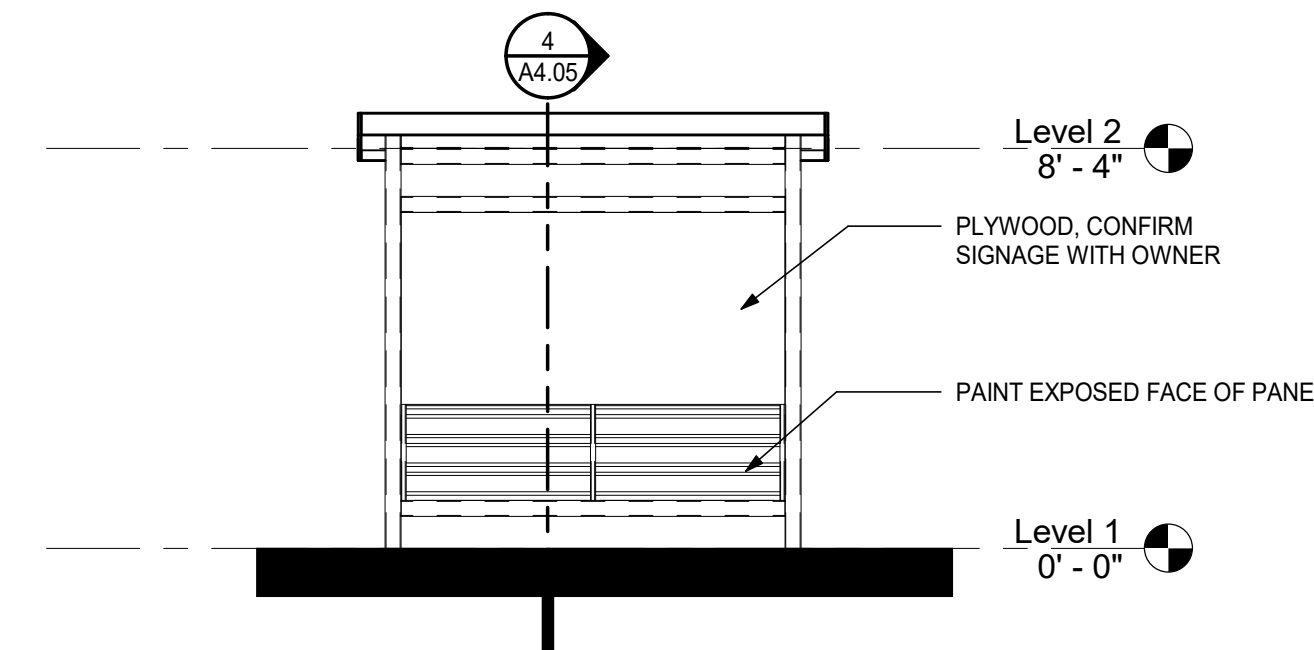
KIOSK 3D VIEW



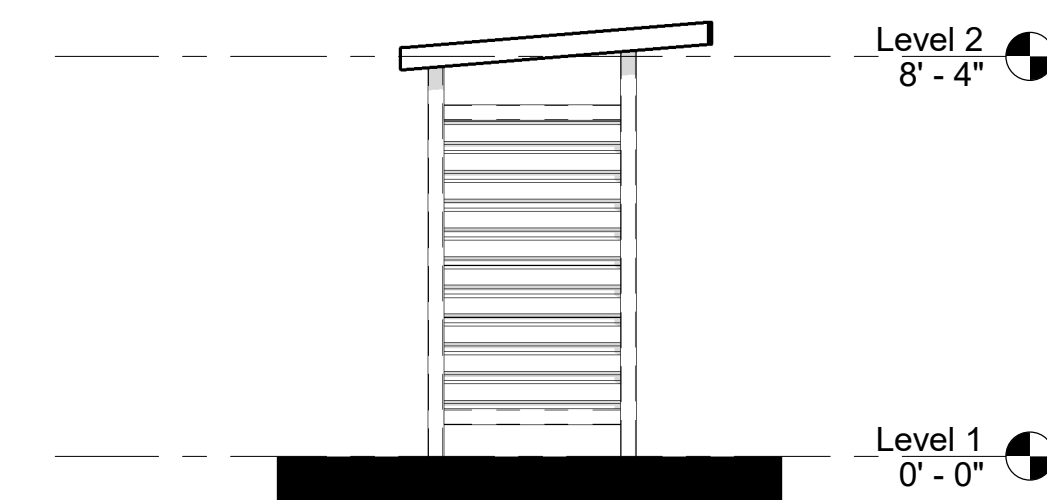
1 LIFE JACKET KIOSK PLAN
1/4" = 1'-0"



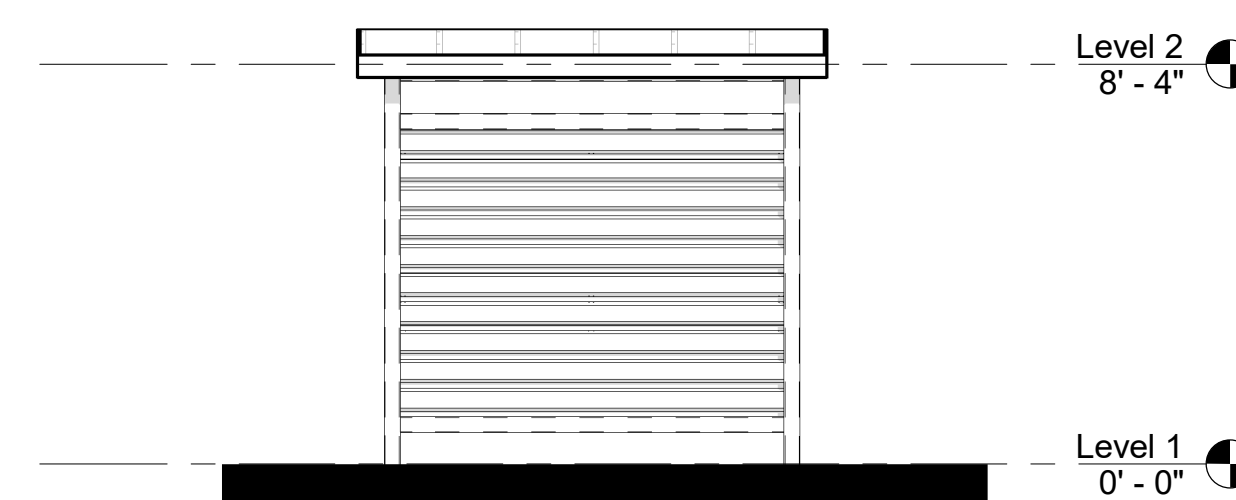
4 KIOSK SECTION
3/4" = 1'-0"



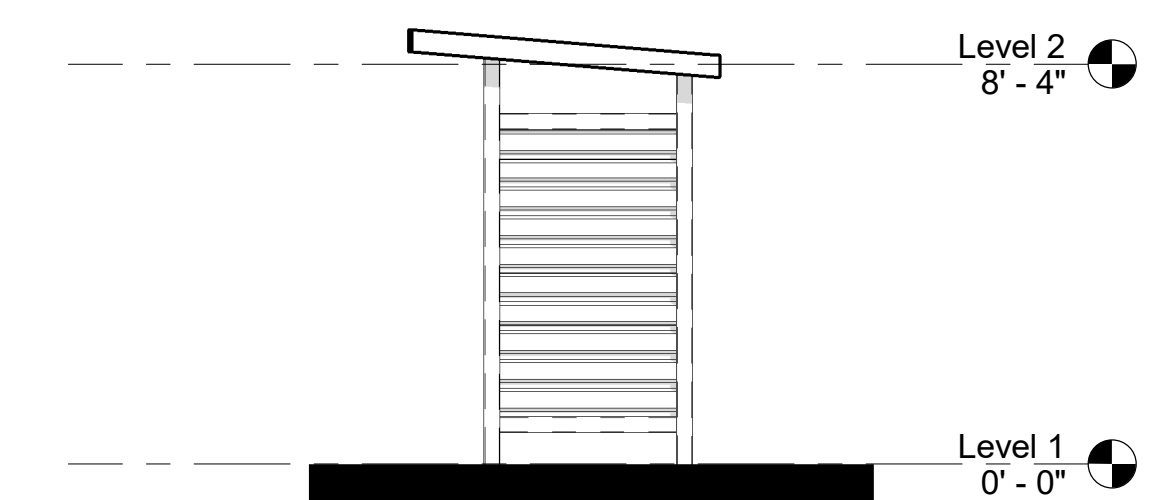
2 KIOSK - WEST ELEVATION
1/4" = 1'-0"



3 KIOSK - NORTH ELEVATION
1/4" = 1'-0"



5 KIOSK - EAST ELEVATION
1/4" = 1'-0"



6 KIOSK - SOUTH ELEVATION
1/4" = 1'-0"

Millersburg Fire
Station 15
3215 Transition Parkway
NE
Albany, OR 97321



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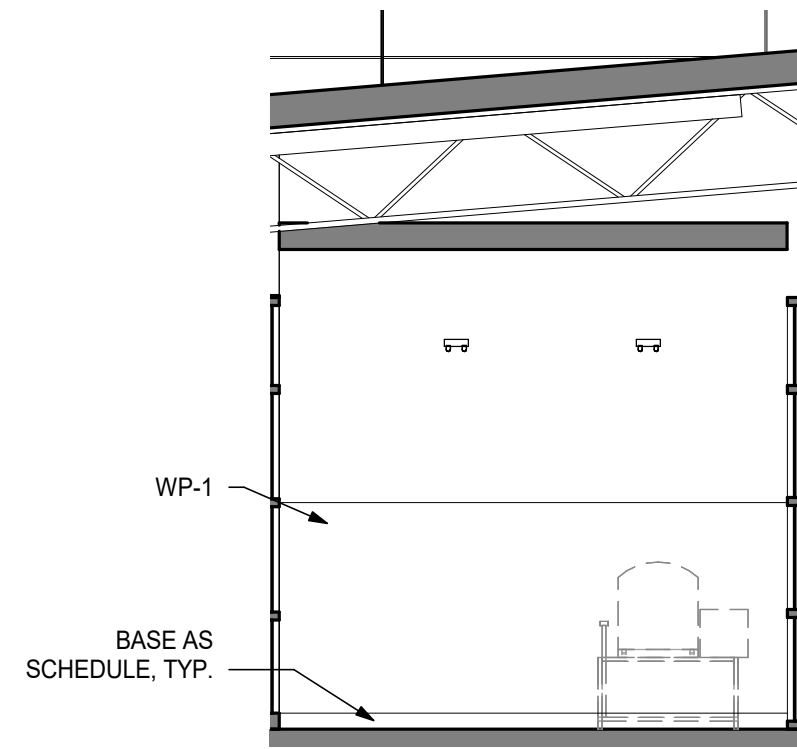
**INTERIOR
ELEVATIONS**

Sheet No

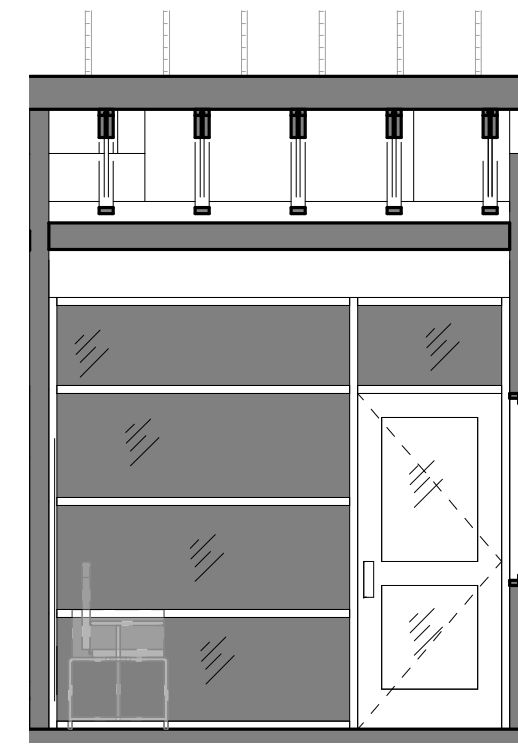
A5.01

SHEET NOTES

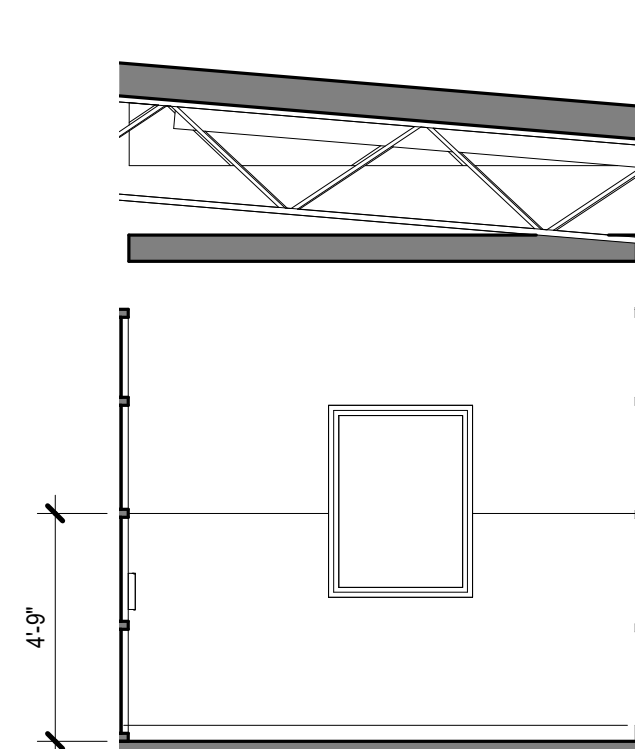
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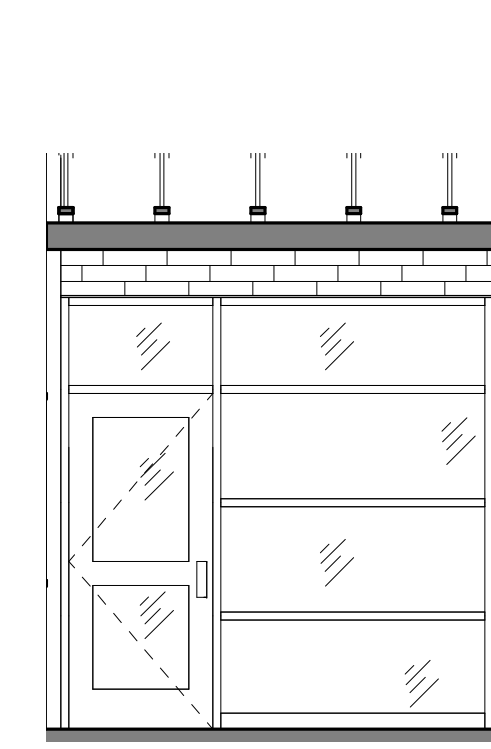
1 101 - LOBBY - W
1/4" = 1'-0"



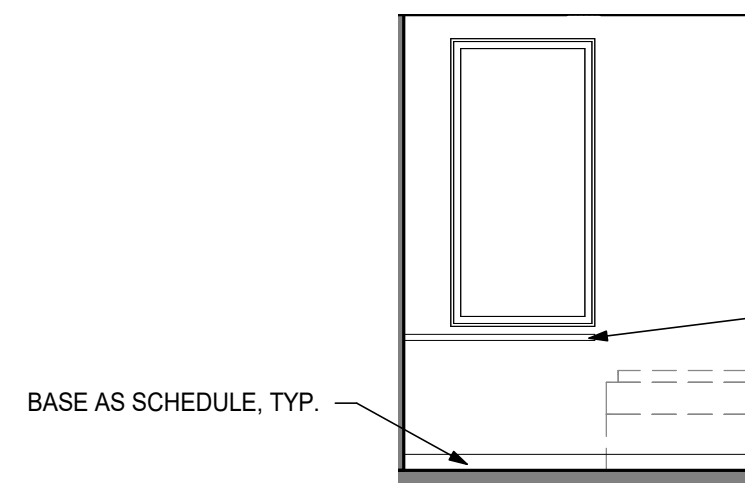
2 101 - LOBBY - N
1/4" = 1'-0"



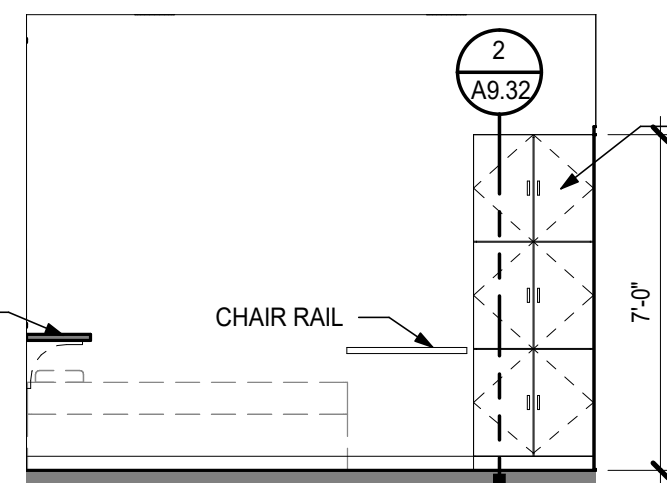
3 101 - LOBBY - E
1/4" = 1'-0"



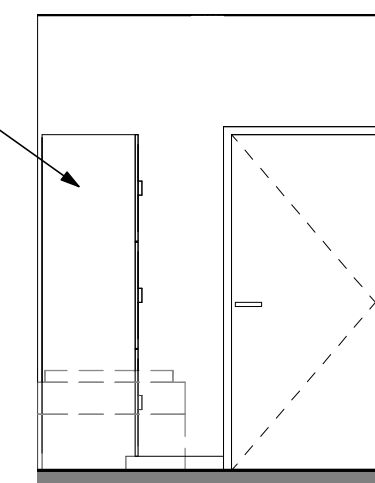
4 101 - LOBBY - S
1/4" = 1'-0"



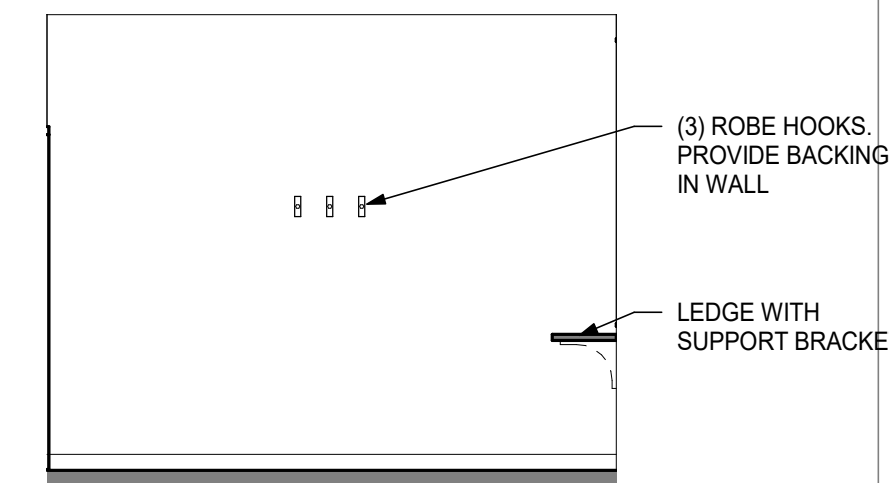
9 115 - DORM - N
1/4" = 1'-0"



10 115 - DORM - E
1/4" = 1'-0"



11 115 - DORM - S
1/4" = 1'-0"

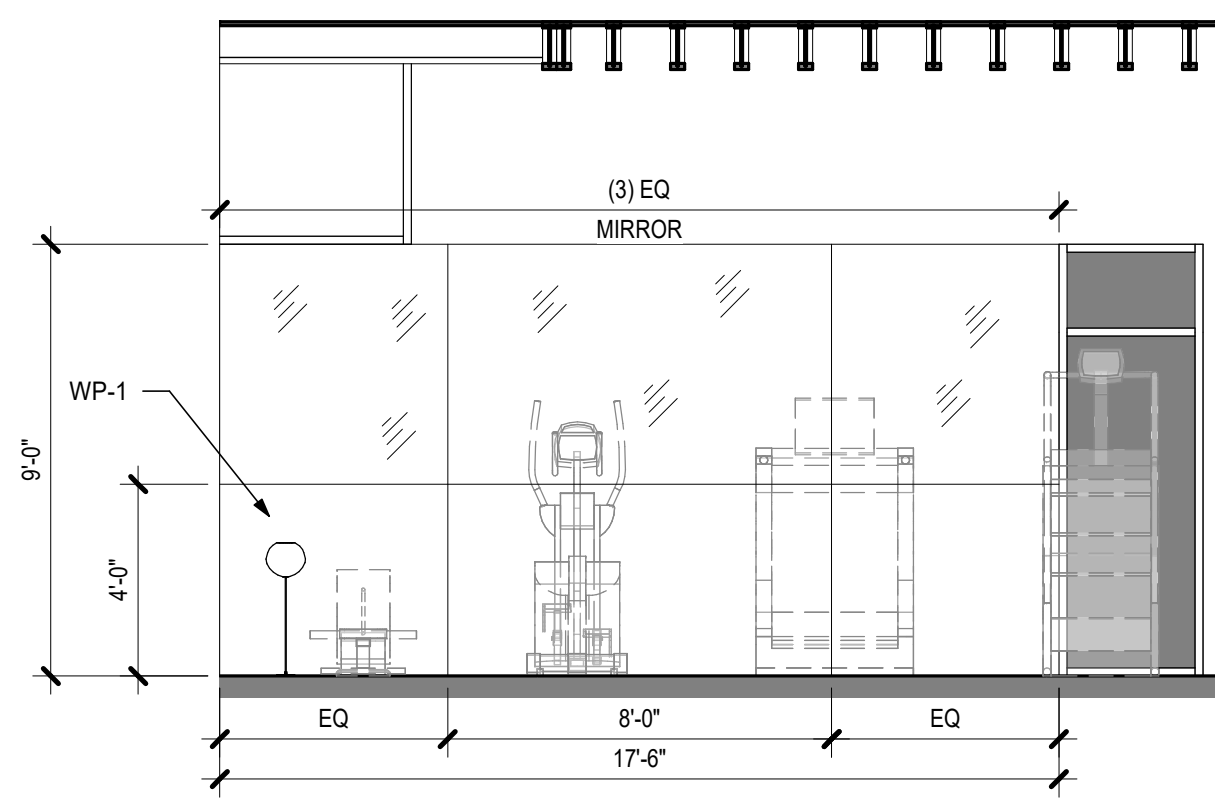


12 115 - DORM - W
1/4" = 1'-0"

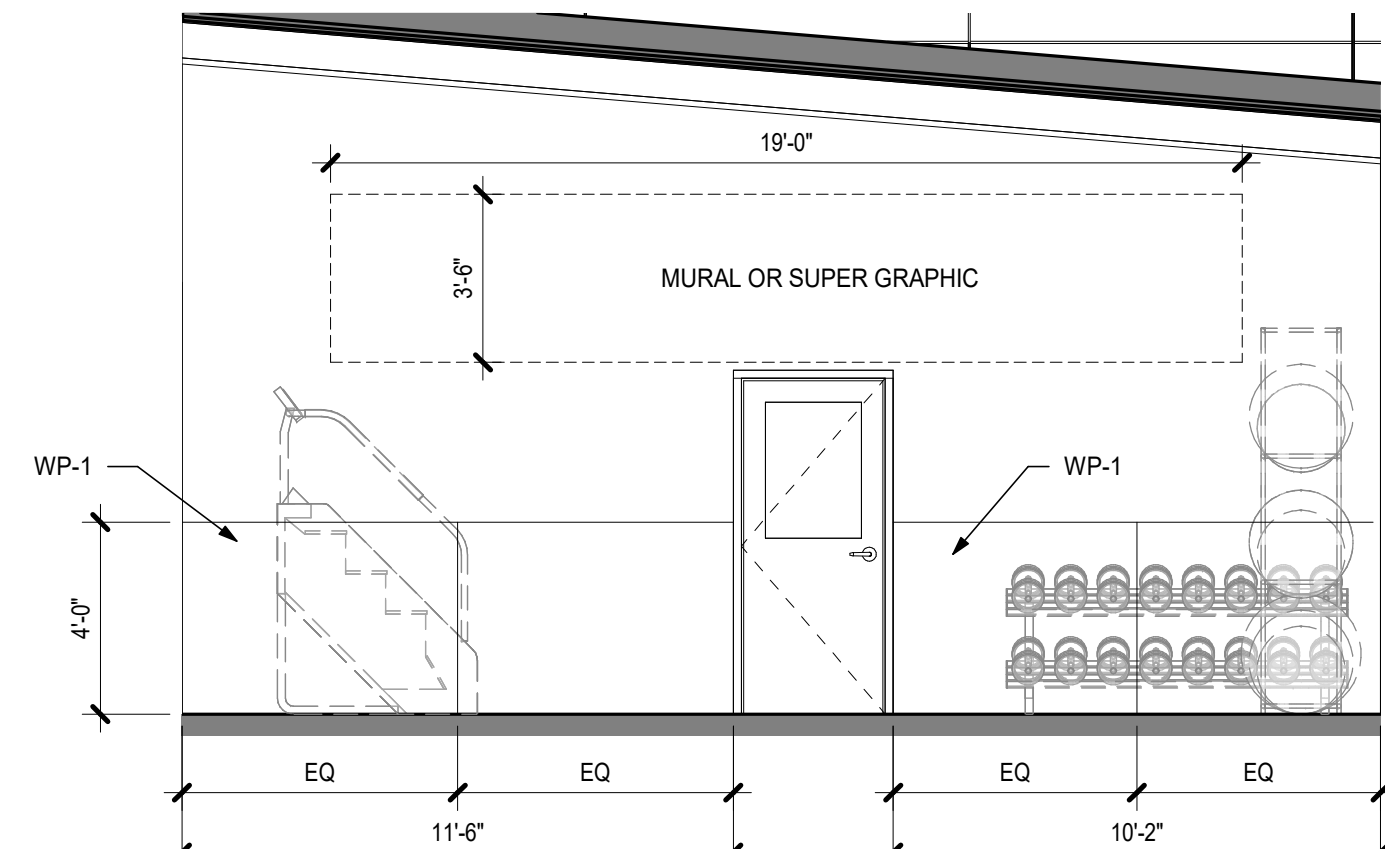


Project

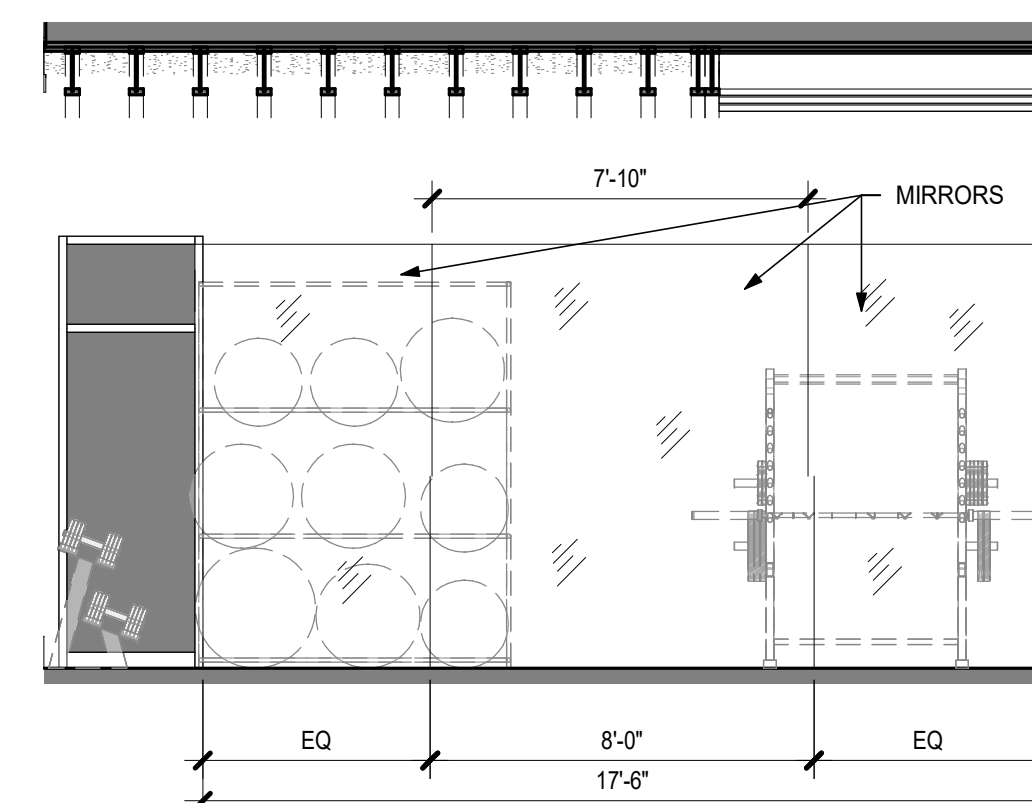
Consultant



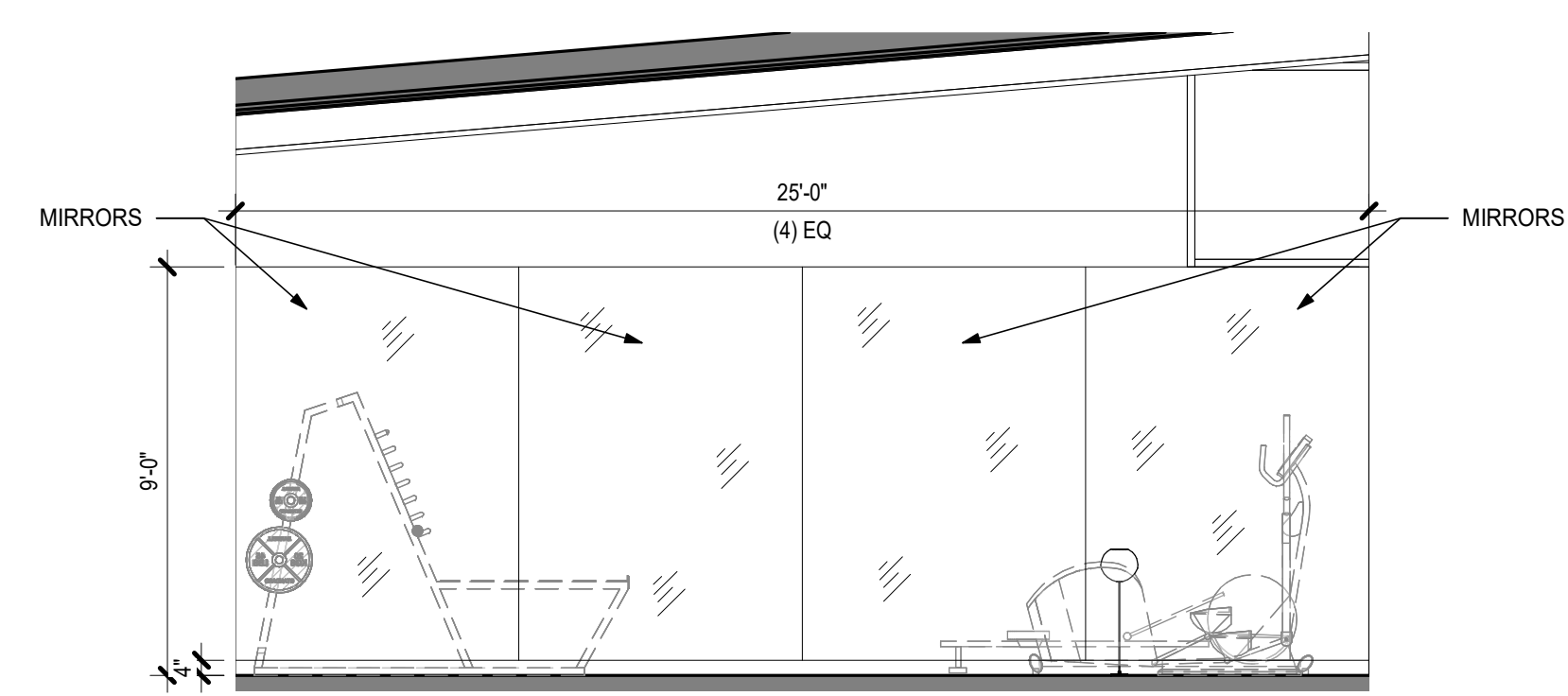
1 131 - EXCERISE - N
1/4" = 1'-0"



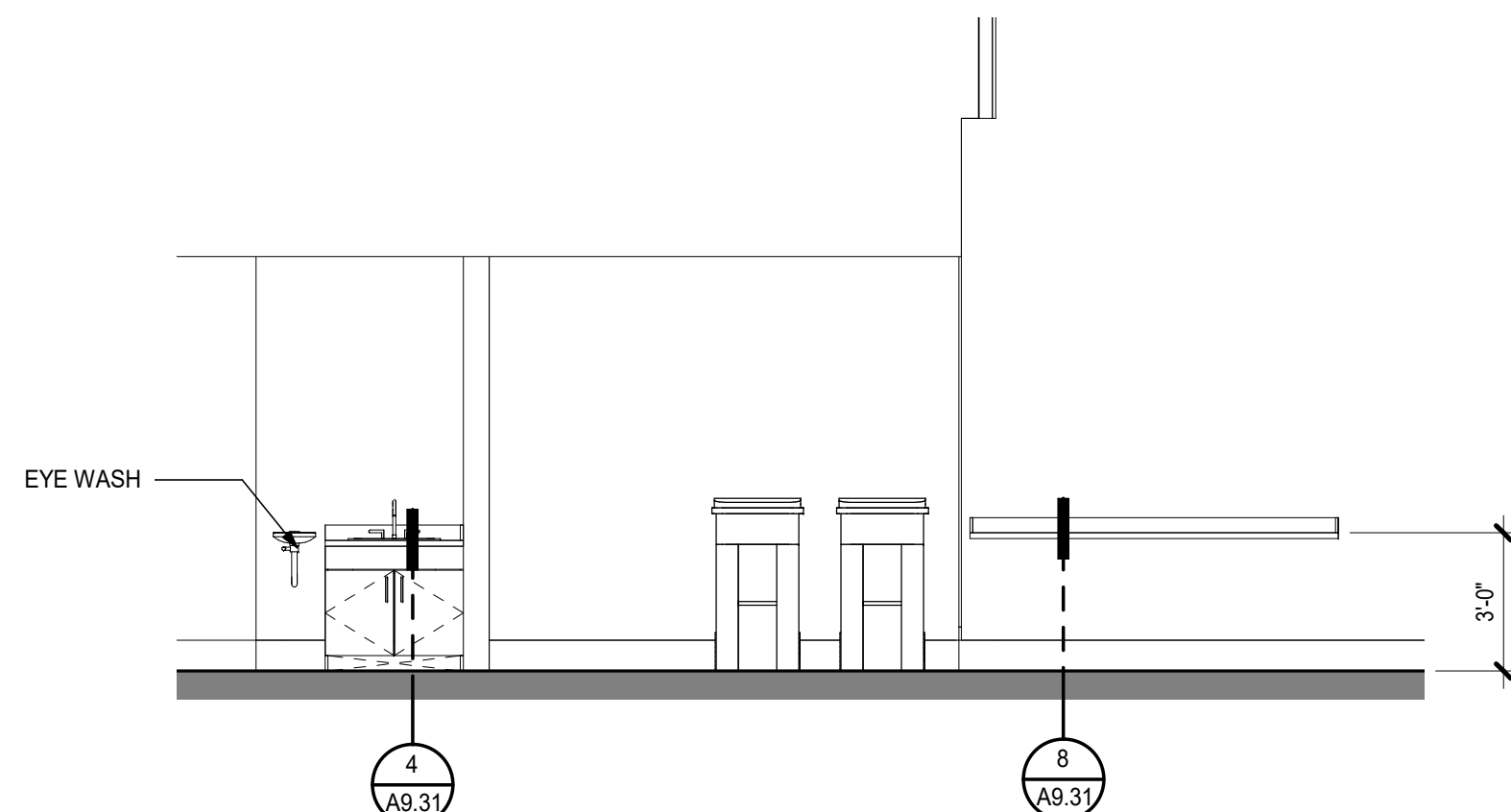
2 131 - EXCERISE - E
1/4" = 1'-0"



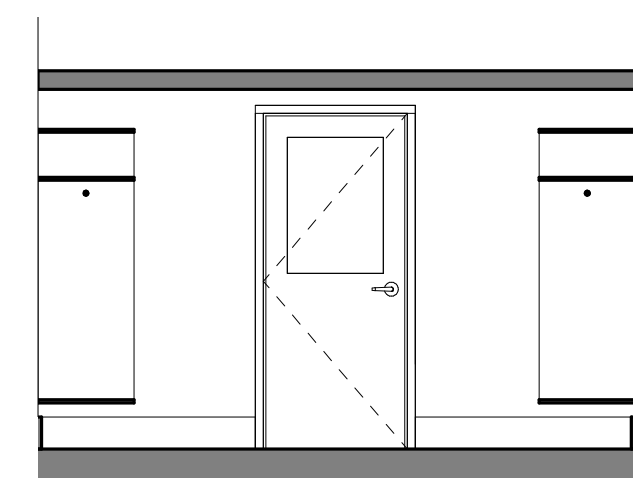
3 131 - EXCERISE - S
1/4" = 1'-0"



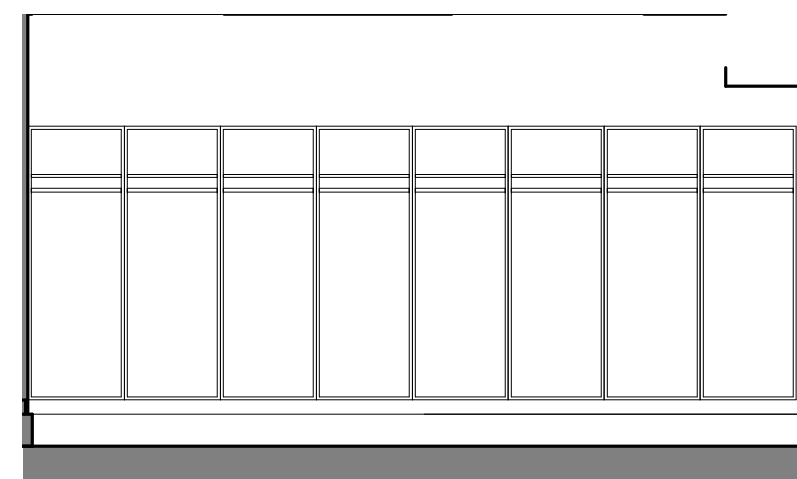
4 131 - EXCERISE - W
1/4" = 1'-0"



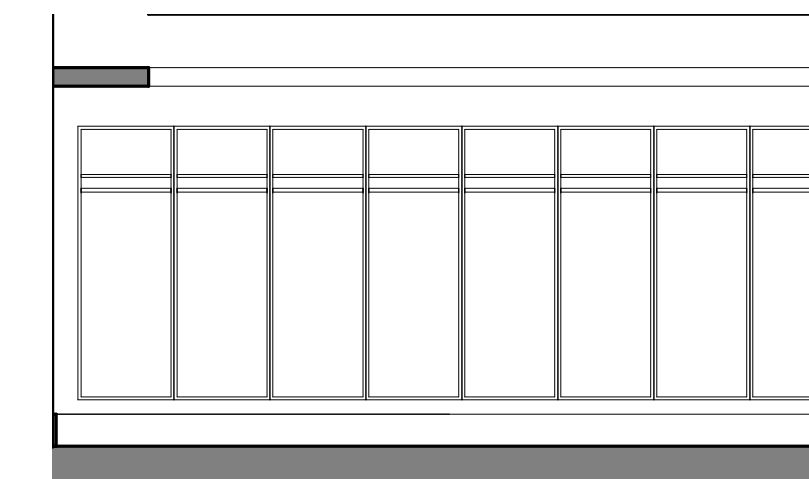
5 ELECTRONICS CHARGING/REPAIR
1/4" = 1'-0"



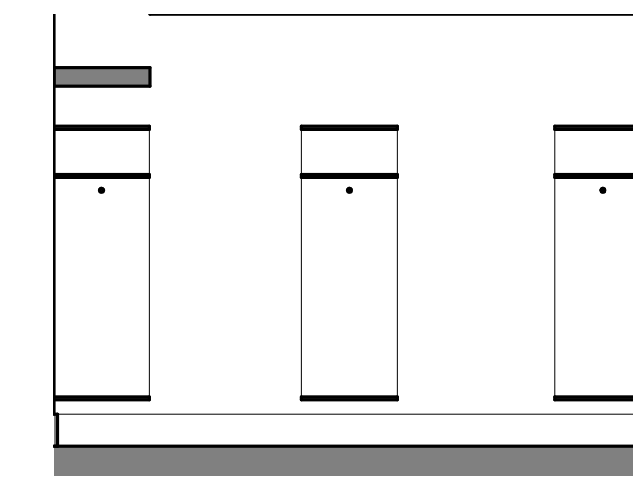
6 130 - TURNOUT STG - E
1/4" = 1'-0"



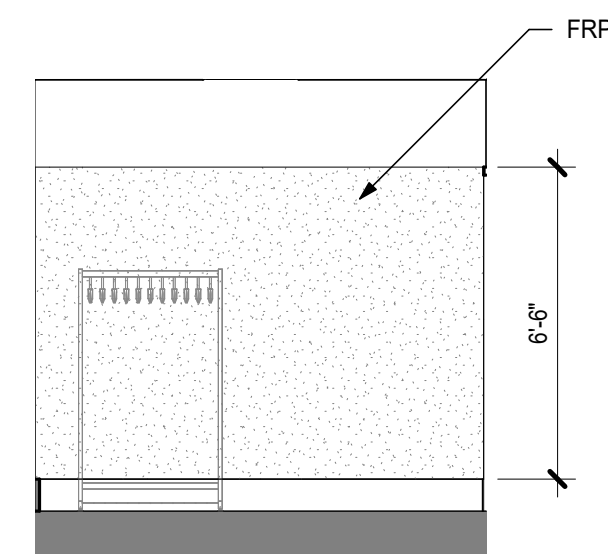
7 130 - TURNOUT STG - N
1/4" = 1'-0"



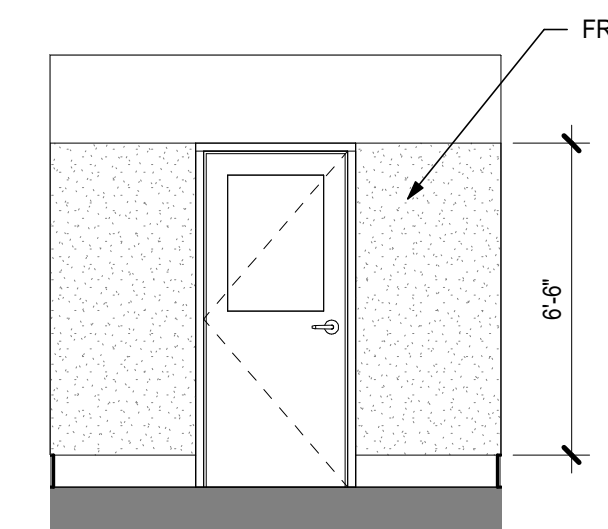
8 130 - TURNOUT STG - S
1/4" = 1'-0"



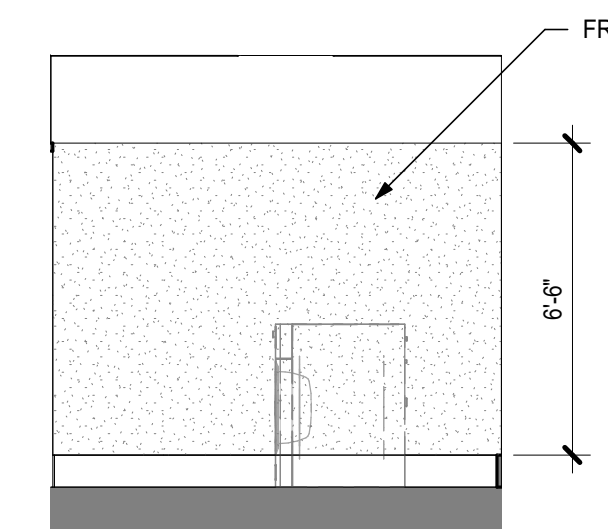
9 130 - TURNOUT STG - W
1/4" = 1'-0"



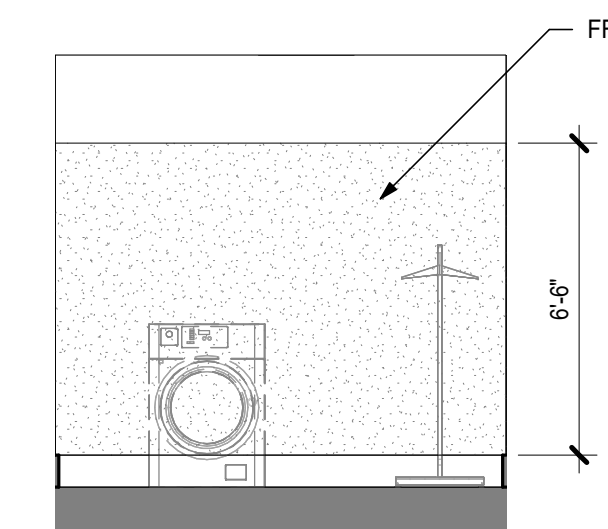
10 129 - DECON/WASH - N
1/4" = 1'-0"



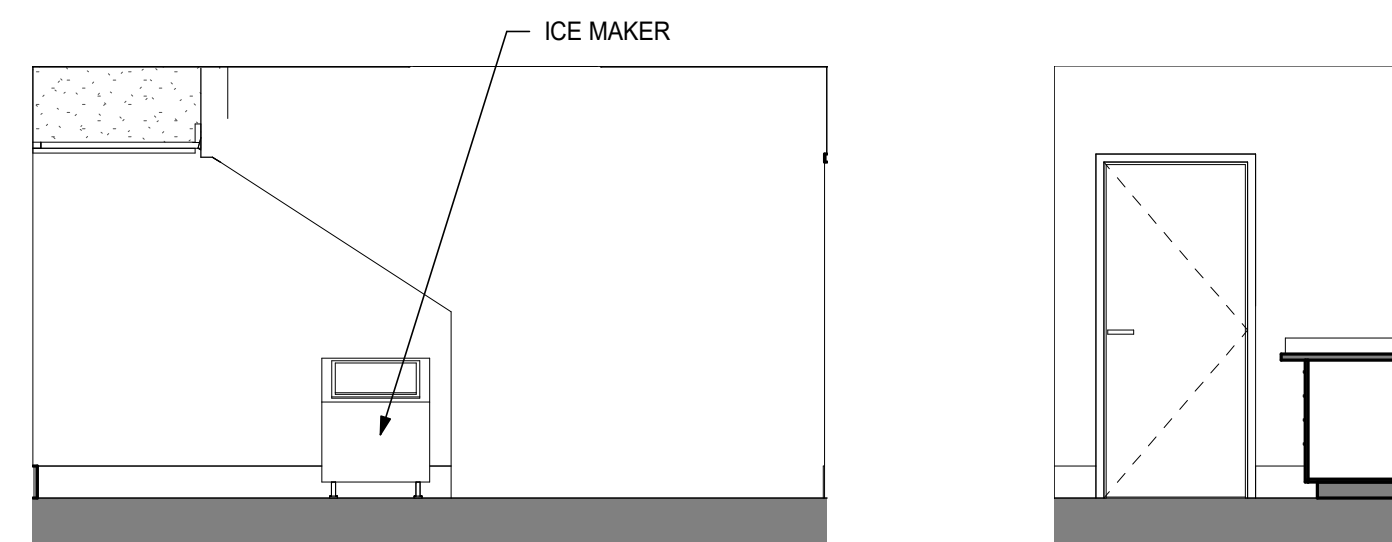
11 129 - DECON/WASH - E
1/4" = 1'-0"



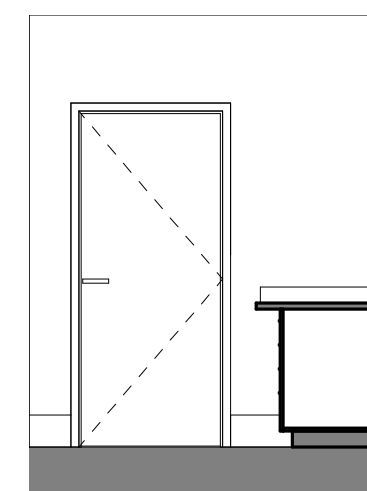
12 129 - DECON/WASH - S
1/4" = 1'-0"



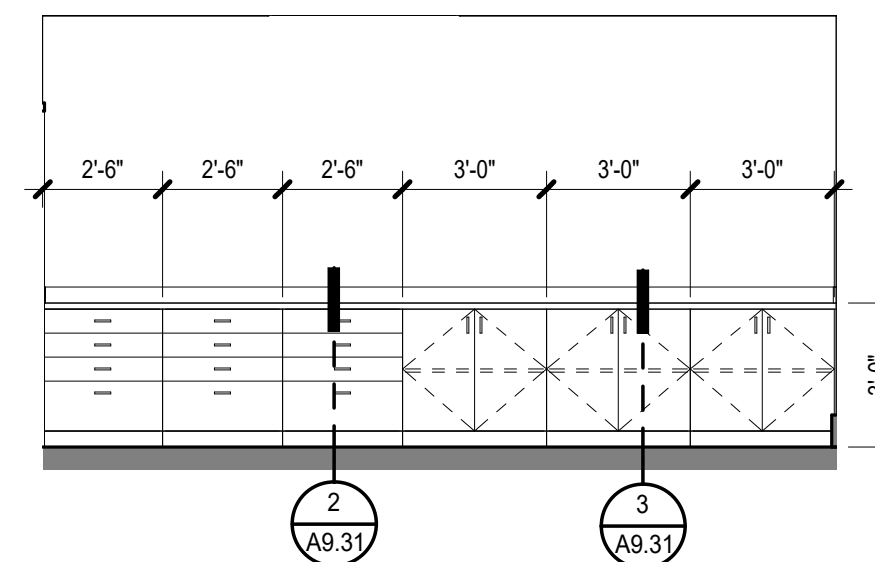
13 129 - DECON/WASH - W
1/4" = 1'-0"



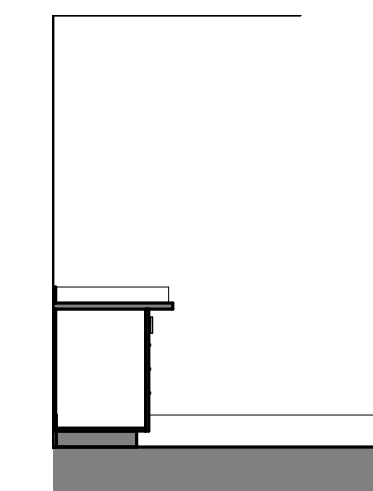
14 128 - SHOP - N
1/4" = 1'-0"



15 128 - SHOP - E
1/4" = 1'-0"



16 128 - SHOP - S
1/4" = 1'-0"



17 128 - SHOP - W
1/4" = 1'-0"

SHEET NOTES

1. REFER TO TYPICAL MOUNTING HEIGHTS AND ADA DIMENSIONAL STANDARDS ON G2.02
2. PROVIDE IN-WALL BACKING FOR ALL WALL-MOUNTED ITEMS AND FOR FUTURE ITEMS WHERE INDICATED.
3. VERIFY ALL FIRE EXTINGUISHER LOCATIONS WITH FIRE CODE OFFICIAL PRIOR TO INSTALL.
4. SEE HM FRAME AND STOREFRONT TYPES IN A8.01.
5. SEE 12.02 FOR FINISH SCHEDULE

Revisions

No.	Description	Date

Stamp



Issuance

BID SET

Date
2/3/21

Project Number
20006

Drawing Title
INTERIOR ELEVATIONS

Sheet No

A5.02



Project

Consultant

Revisions

No.	Description	Date

Stamp



Issuance

BID SET

Date

2/3/21

Project Number

20006

Drawing Title

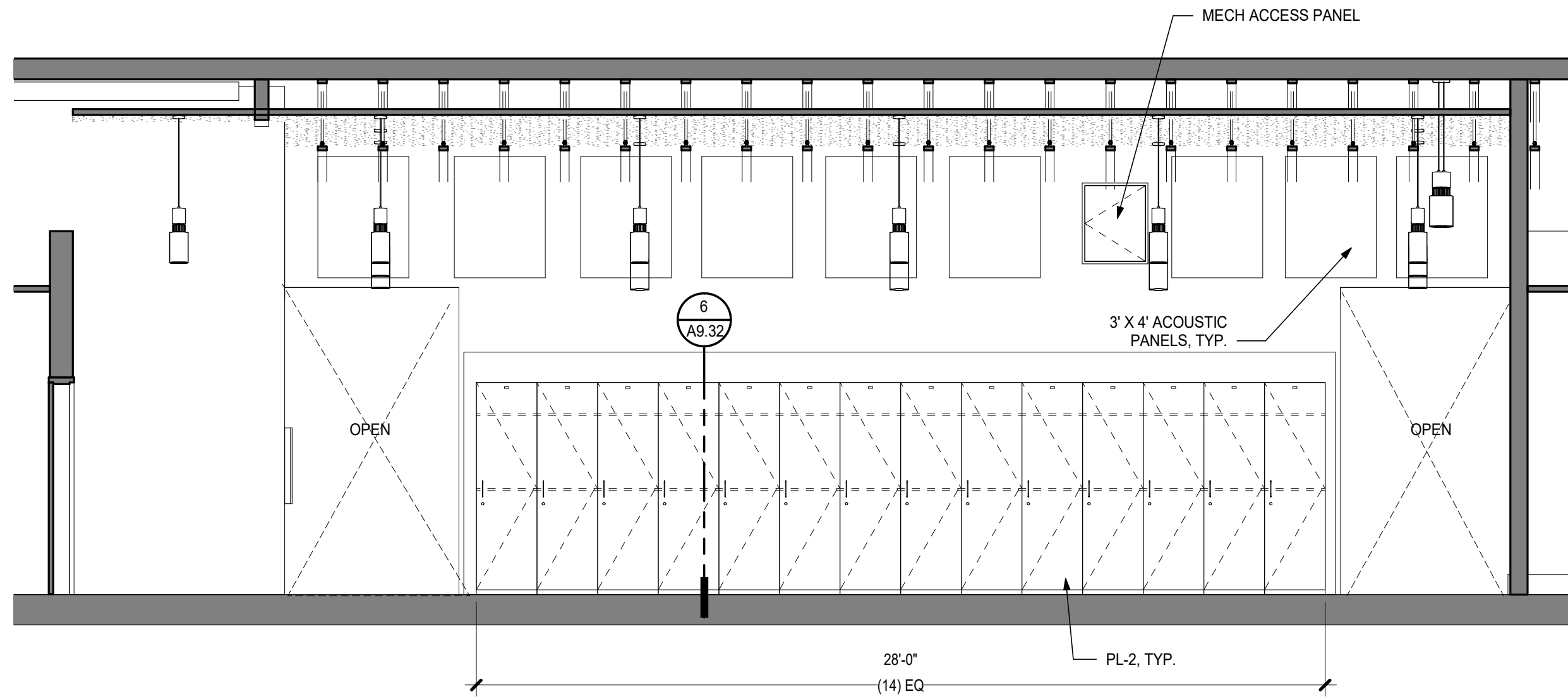
INTERIOR ELEVATIONS

Sheet No

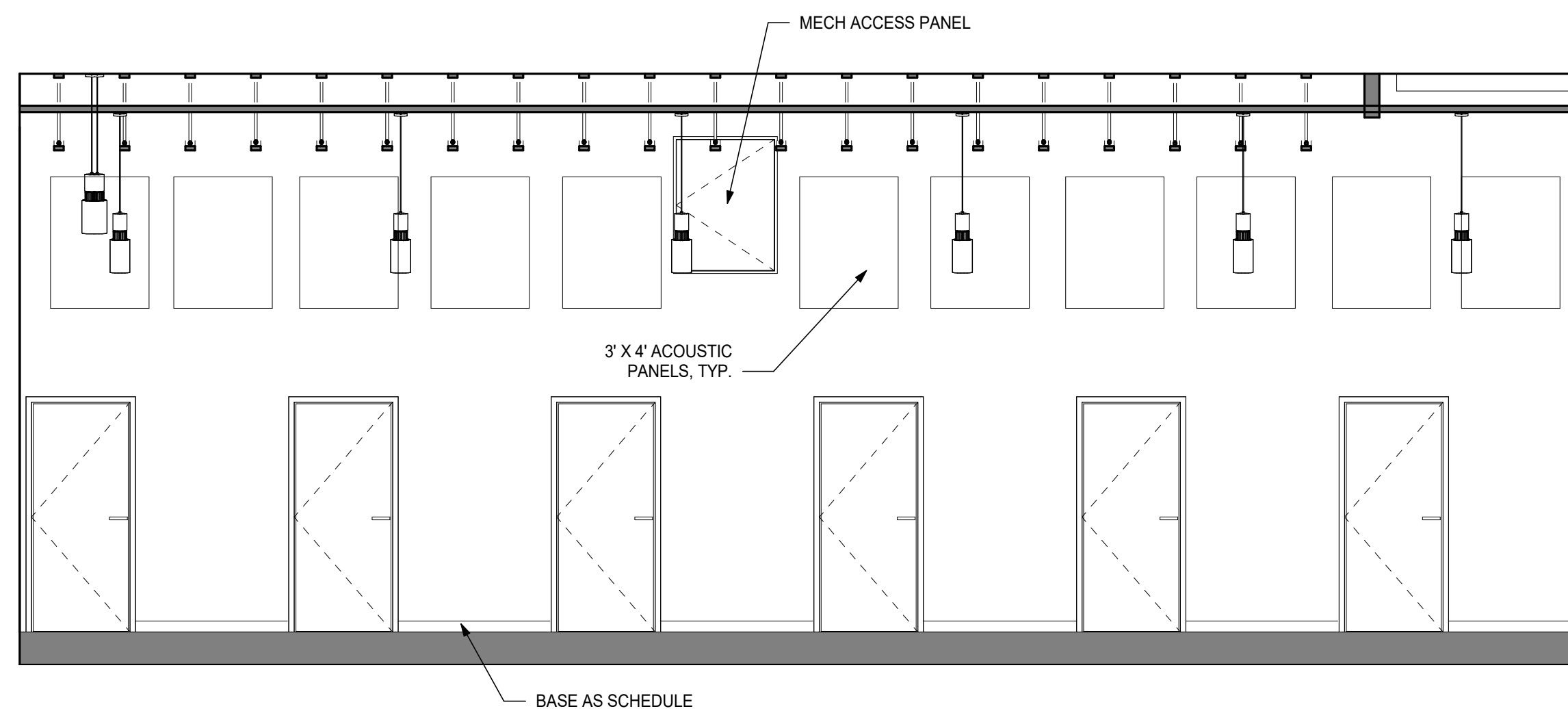
A5.03

SHEET NOTES

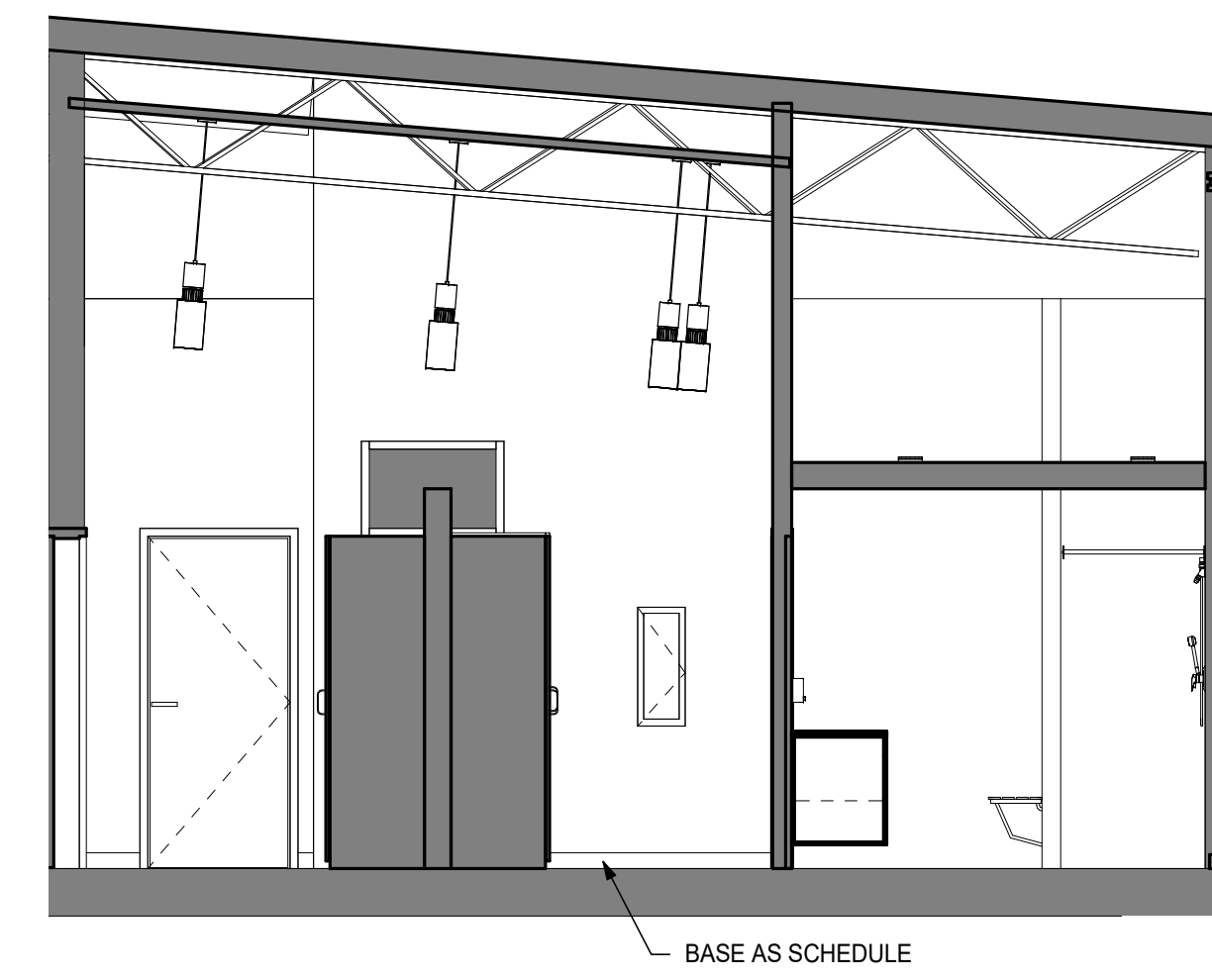
1. REFER TO TYPICAL MOUNTING HEIGHTS AND ADA DIMENSIONAL STANDARDS ON G2.02
2. PROVIDE IN-WALL BACKING FOR ALL WALL-MOUNTED ITEMS AND FOR FUTURE ITEMS WHERE INDICATED.
3. VERIFY ALL FIRE EXTINGUISHER LOCATIONS WITH FIRE CODE OFFICIAL PRIOR TO INSTALL.
4. SEE HM FRAME AND STOREFRONT TYPES IN A8.01.
5. SEE I2.02 FOR FINISH SCHEDULE



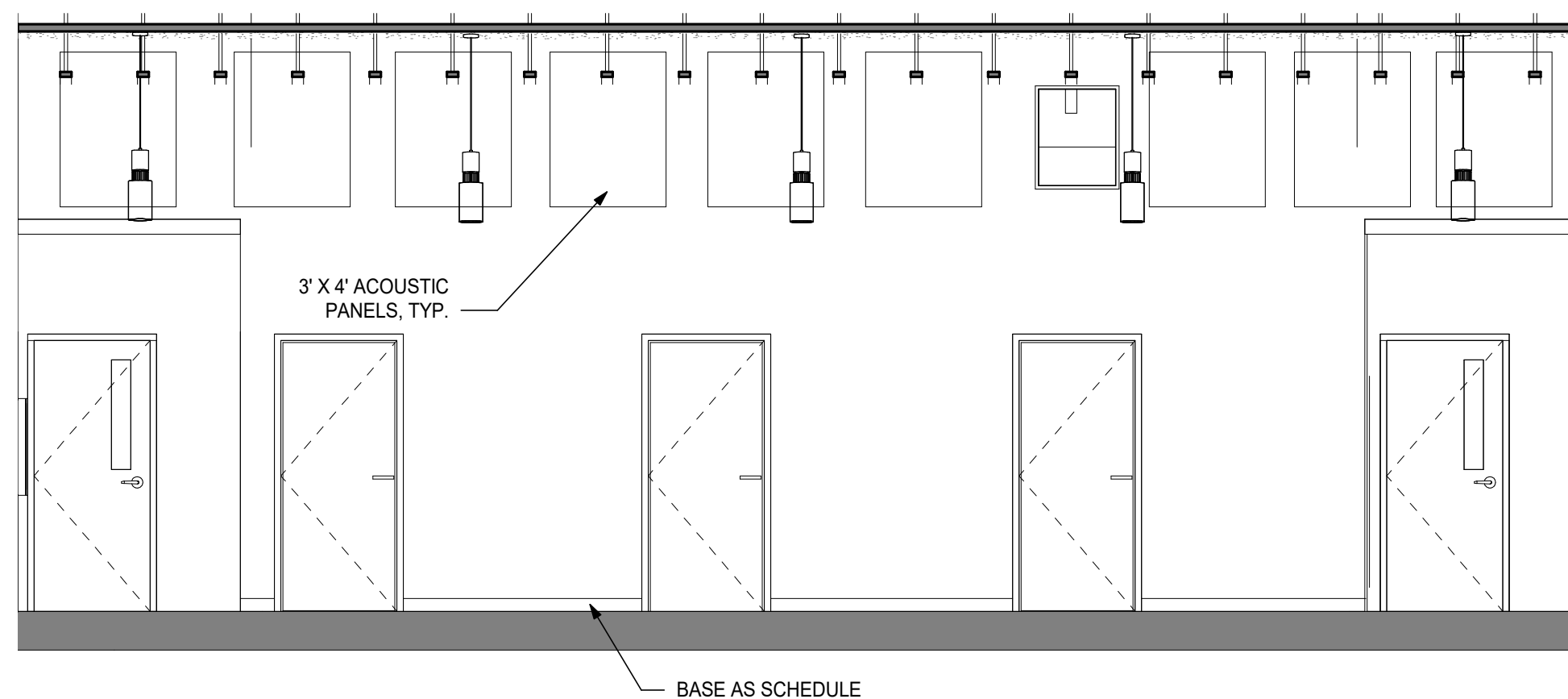
1 110 - LOCKERS - CENTER
1/4" = 1'-0"



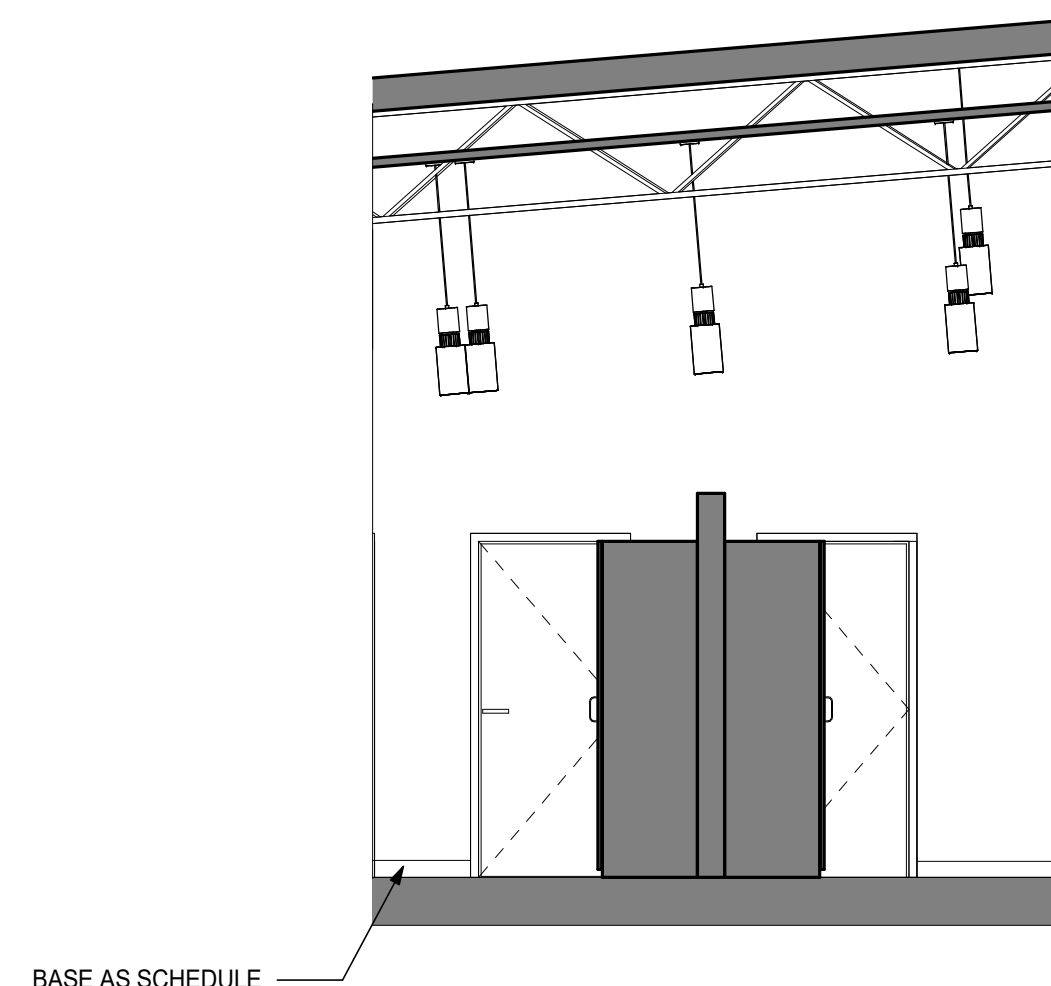
2 110 - LOCKERS - N
1/4" = 1'-0"



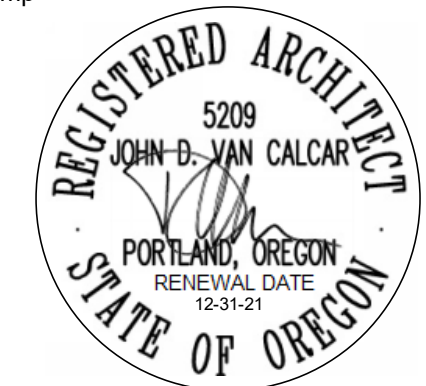
3 110 - LOCKERS - E
1/4" = 1'-0"



4 110 - LOCKERS - S
1/4" = 1'-0"



5 110 - LOCKERS - W
1/4" = 1'-0"



SHEET NOTES

- REFER TO ENGINEER'S DRAWINGS FOR LIGHT SWITCHING AND SPECIFICATION, EXIT SIGN LOCATIONS, AND ELECTRICAL AND MECHANICAL SYSTEMS.
- REPORT TO ARCHITECT ANY CONFLICTS BETWEEN ELECTRICAL, MECHANICAL, OR STRUCTURAL DRAWINGS AND THIS LAYOUT.
- ALL VISIBLE STRUCTURE, DUCTWORK, PIPES, CONDUITS, AND OTHER ASSOCIATED COMPONENTS NOT FULLY CONCEALED BEHIND A CONTINUOUS CEILING TO BE PAINTED.
- ALL LIGHTS AND GRIDS ARE TO BE CENTERED IN ROOM, UNLESS NOTED OTHERWISE.

LEGEND

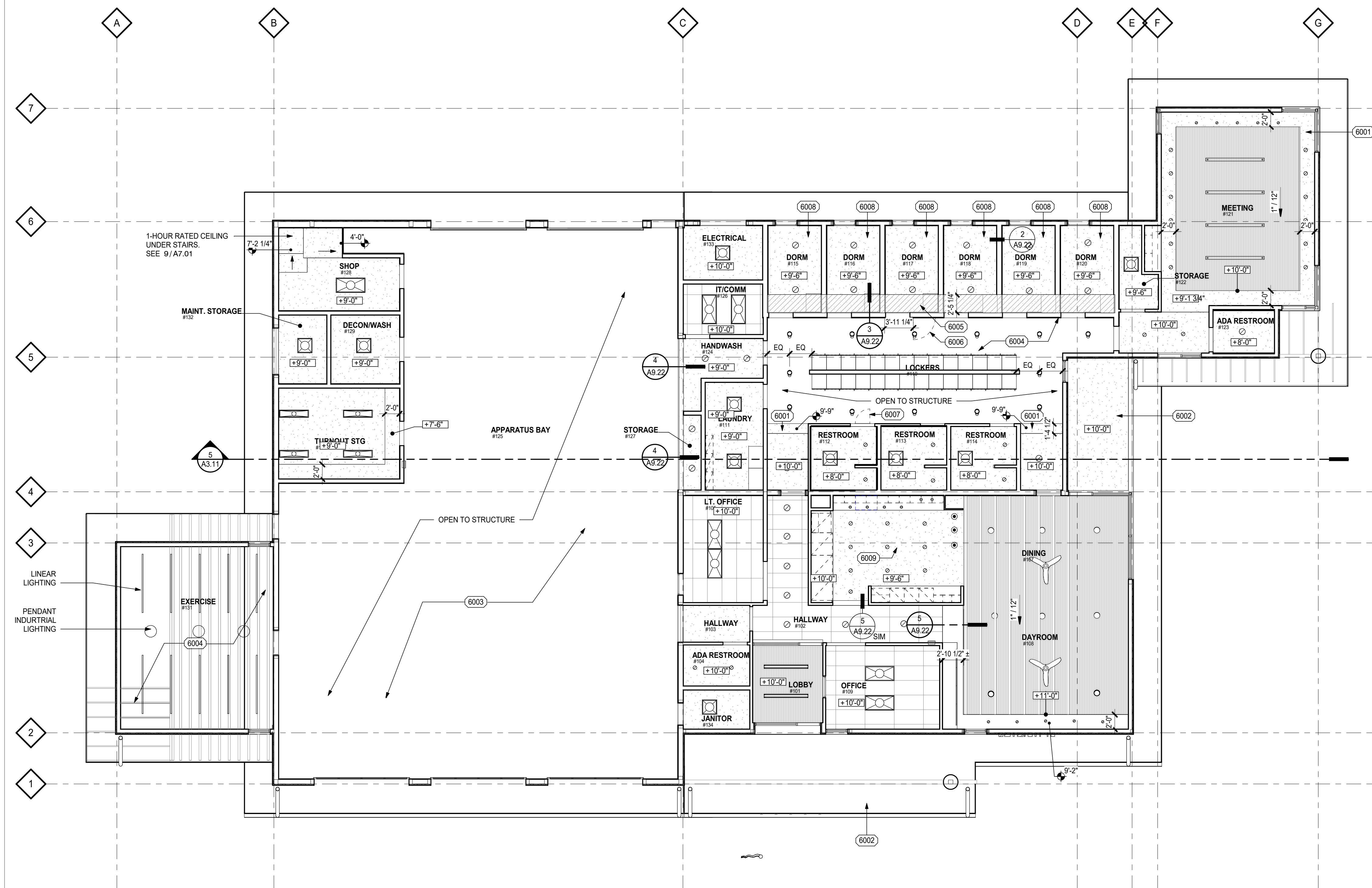
- X'-XX" CEILING SPOT HEIGHT
- +X'-X" FINISH CEILING HEIGHT ABOVE FINISH FLOOR
- X'-X" BY FIXT LIGHT FIXTURE HEIGHT ABOVE FIN FLOOR TO BOTTOM OF FIXTURE, TYP FOR ROOM UNLESS NOTED OTHERWISE
- GYP BD CEILING / SOFFIT
- ACOUSTIC CEILING TILE (ACT)
- WOOD CEILING
- CEILING ACCESS PANEL
- AIR TERMINAL SHOWN FOR LOCATION ONLY - NOT ALL LOCATIONS MAY BE SHOWN; SEE MECHANICAL DRAWINGS FOR QTY
- LIGHT FIXTURE TYPES - SEE ELECTRICAL

LEGEND - KEYNOTES

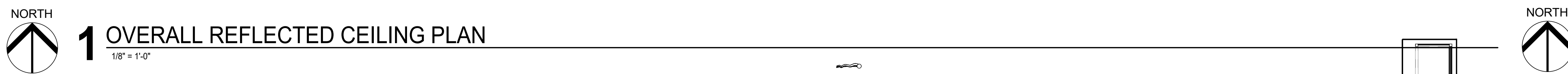
MARK	DESCRIPTION
6001	SOFFIT.
6002	PAINT EXTERIOR SOFFIT P., TYP.
6003	PAINT ALL EXPOSED STRUCTURE, DUCTS, PIPING, ETC. WHITE.
6004	PAINT ALL EXPOSED STRUCTURE, DUCTS, PIPING, ETC. BLACK.
6005	PLYWOOD WALK PATH ABOVE CEILING FOR MECHANICAL EQUIPMENT ACCESS.
6006	36"W X 48"H ACCESS HATCH, BASE ALIGNED WITH TOP OF PLYWOOD WALK.
6007	24"W X 30"H ACCESS HATCH TO SPACE ABOVE RESTROOM CEILING.
6008	30 MIN. RATED CEILING, SEE DETAIL 1/A9.22
6009	PROVIDE BLOCKING TO SUPPORT FUTURE CEILING-MOUNTED POT RACK

BID ALTERNATE

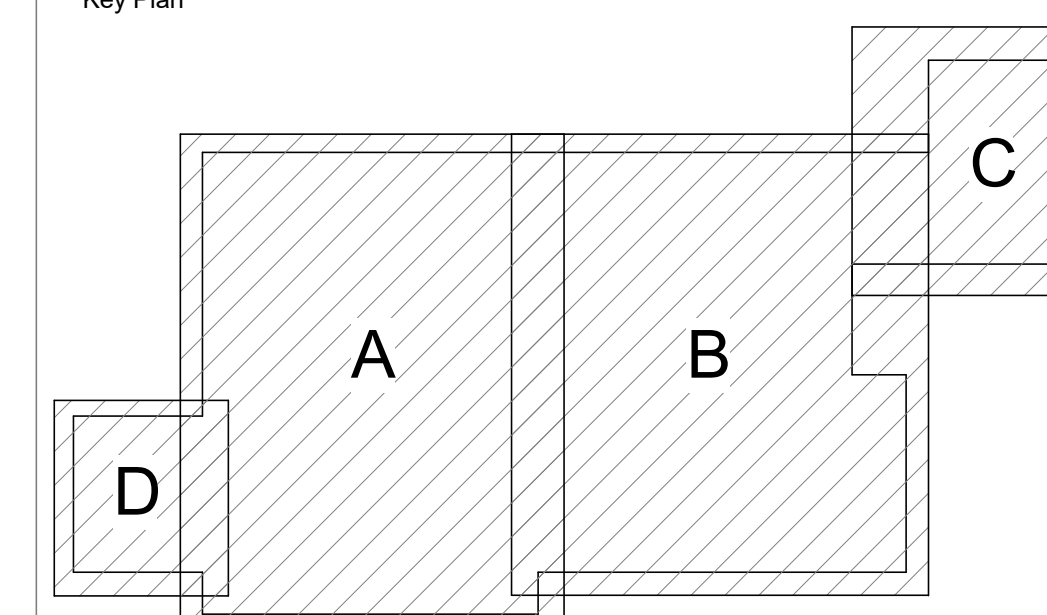
- BID ALTERNATE NO. B2:
- BASE BID: PROVIDE ARMSTRONG WOODWORKS "VECTOR" WOOD CEILING SYSTEM AT AREAS INDICATED TO RECEIVE WOOD CEILING
 - ALTERNATE B2A: PROVIDE 1x6 TONGUE AND GROVE BOARDS, CLEAR STAINED, ATTACHED TO 1/2" PLYWOOD SUBSTRATE AT AREAS INDICATED TO RECEIVE WOOD CEILING
 - ALTERNATE B2B: PROVIDE GYPSUM BOARD CEILING AT AREAS INDICATED TO RECEIVE WOOD CEILING



1 OVERALL REFLECTED CEILING PLAN
1/8" = 1'-0"



Key Plan





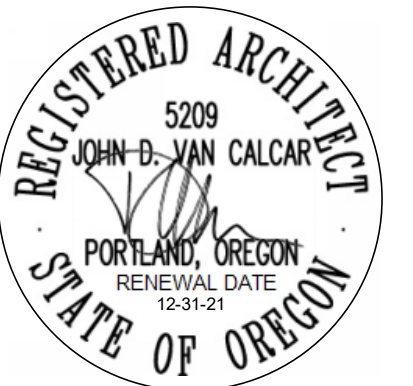
Project

Consultant

Revisions

No.	Description	Date

Stamp



Issuance

BID SET

Date

2/3/21

Project Number

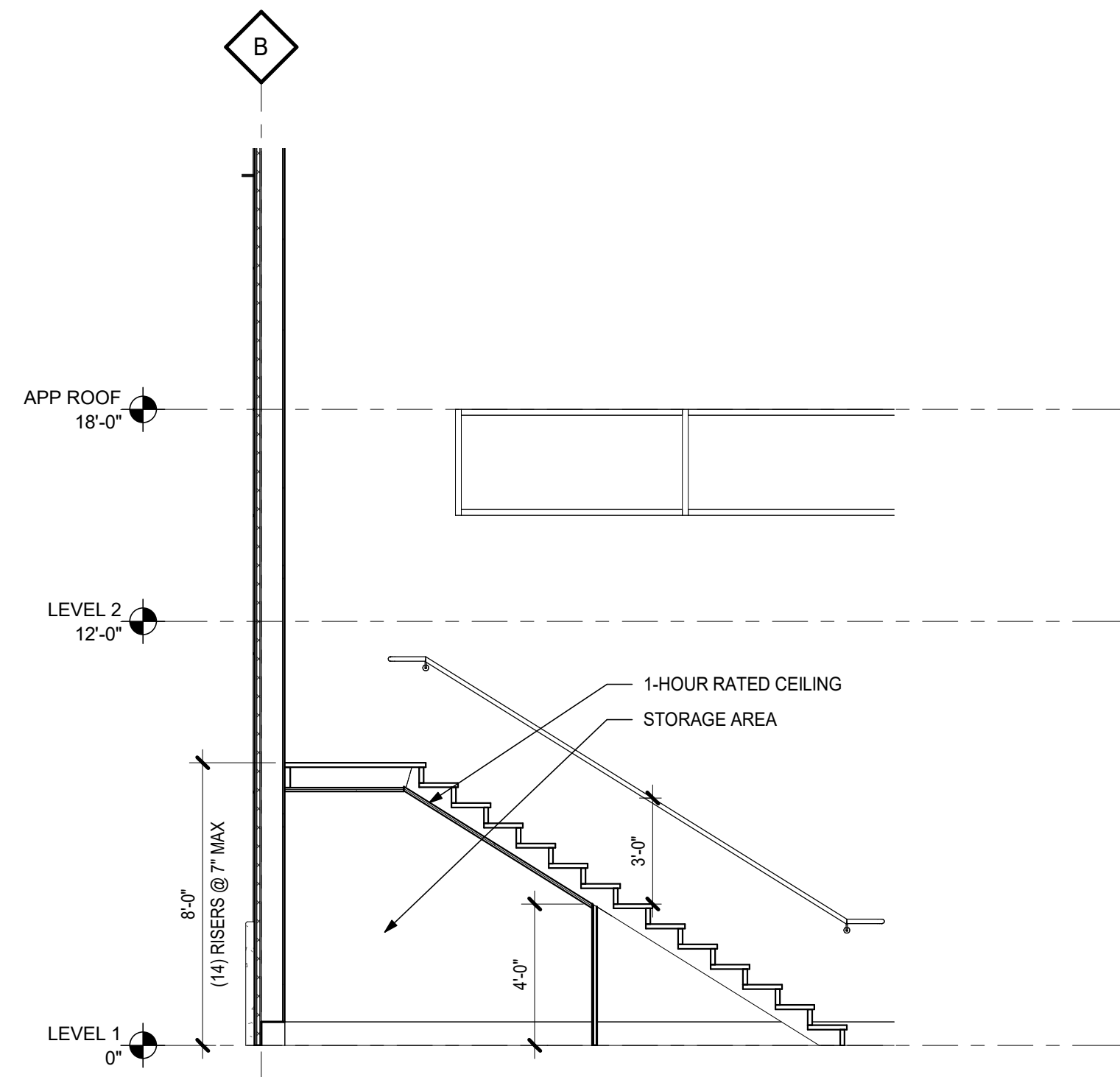
20006

Drawing Title

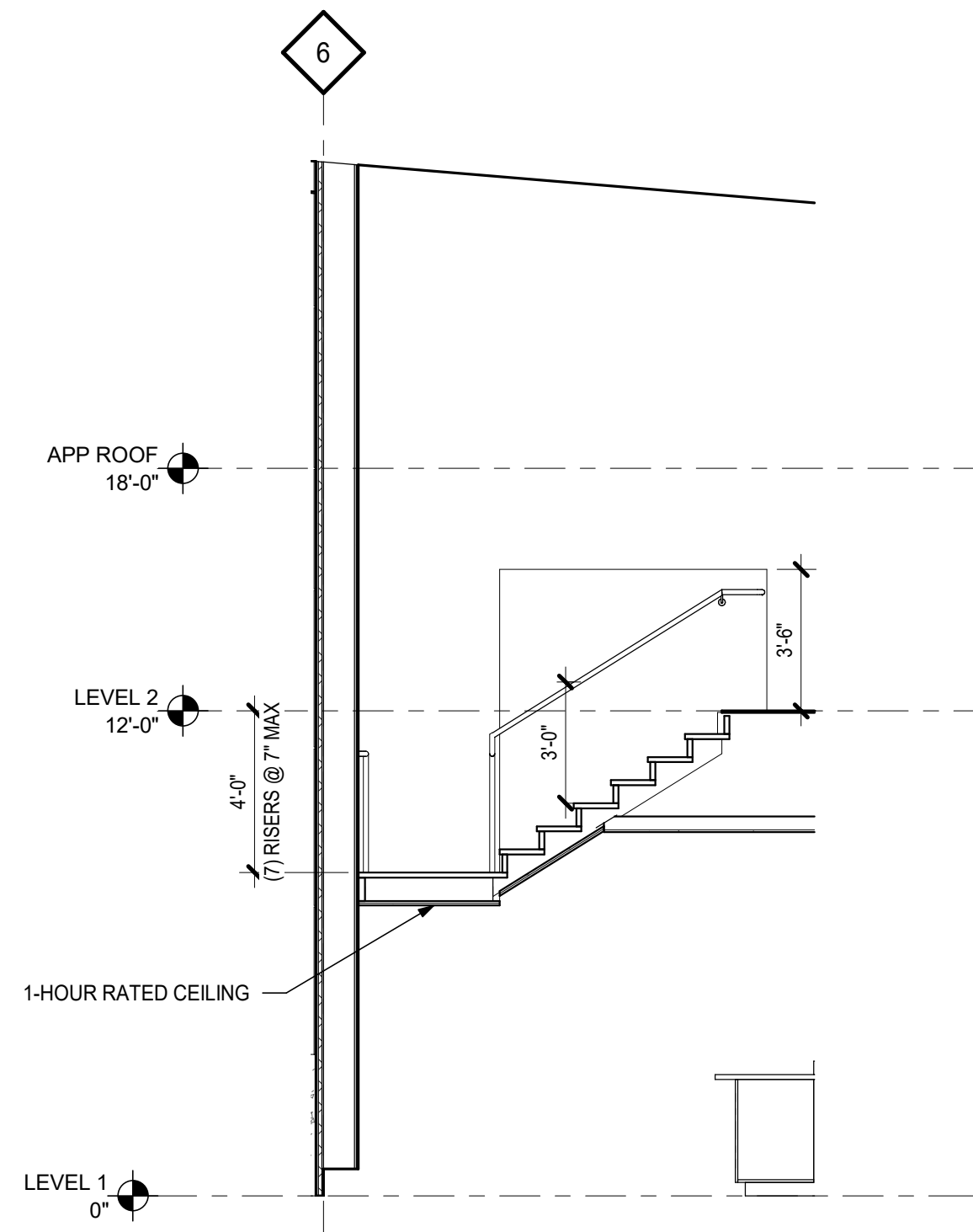
**VERTICAL
CIRCULATION**

Sheet No

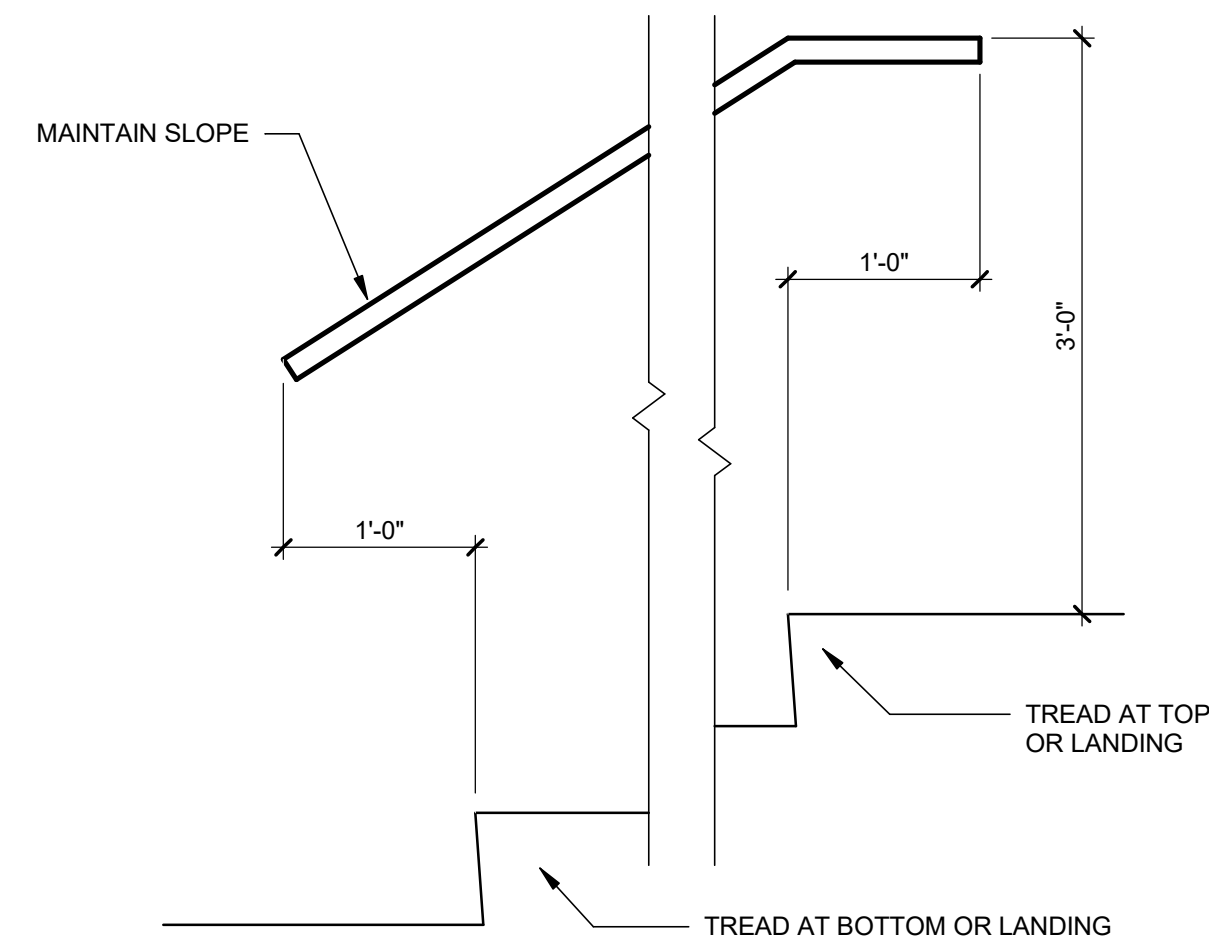
A7.01



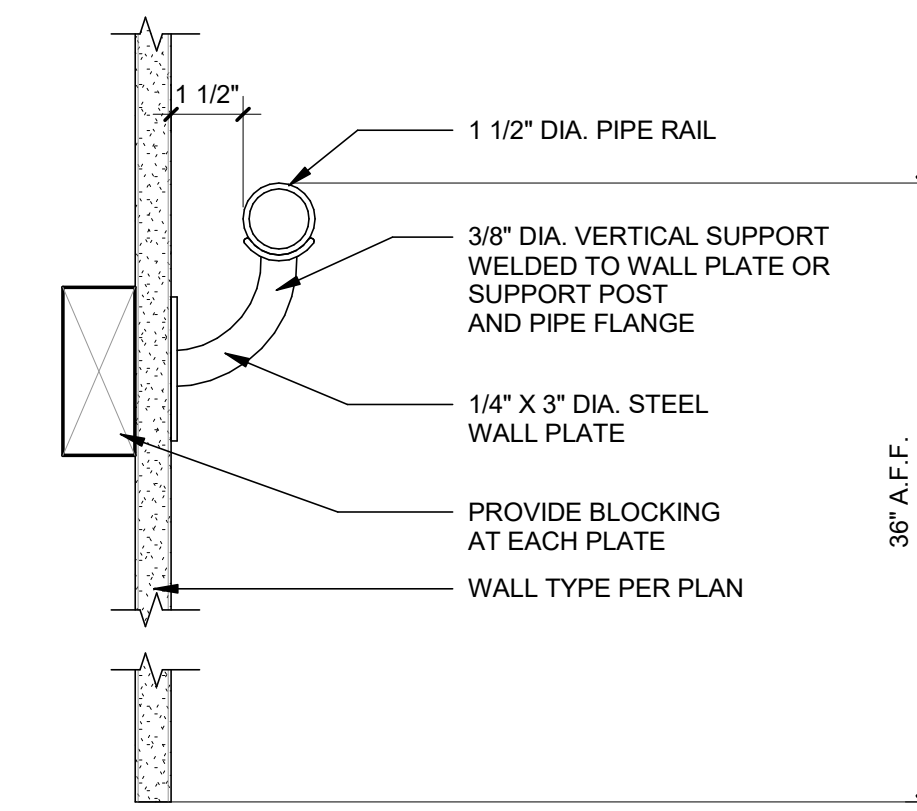
1 MEZZANINE STAIR SECTION
1/4" = 1'-0"



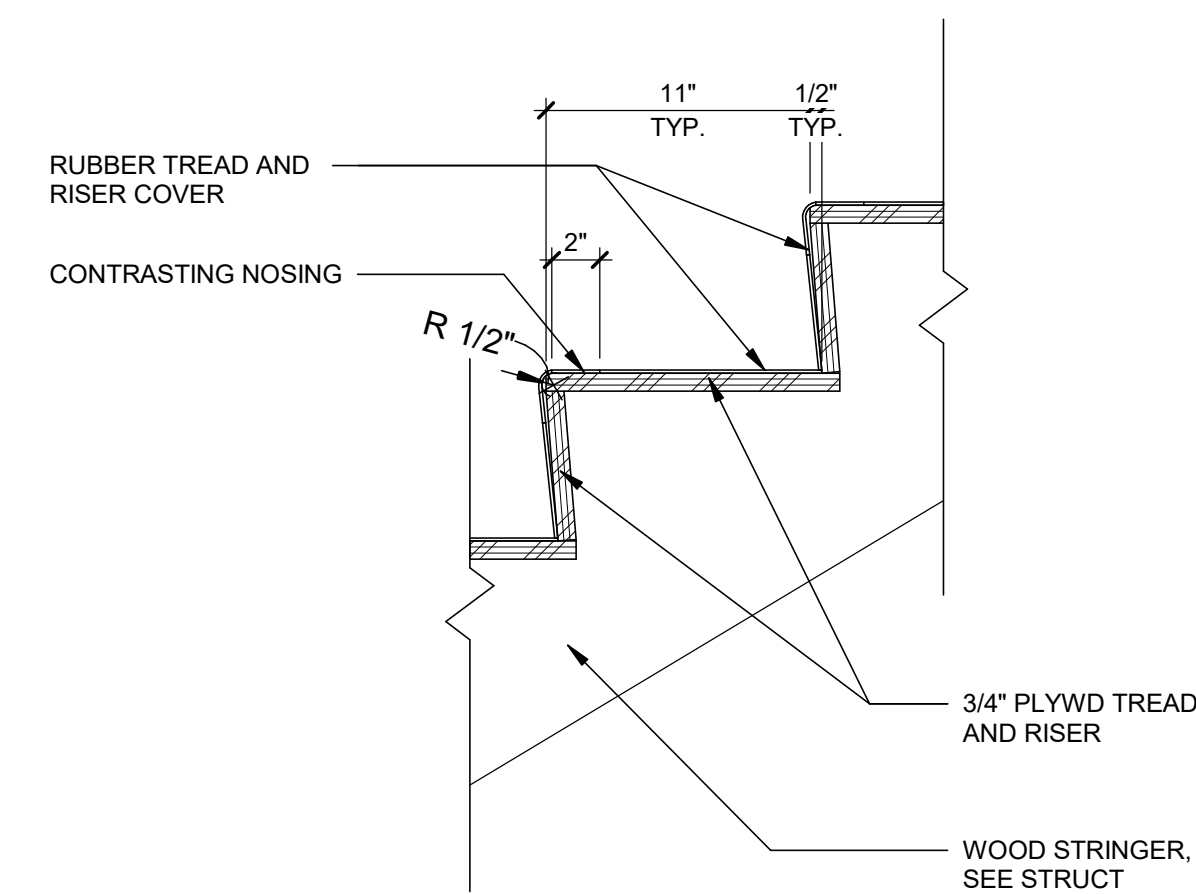
2 MEZZANINE STAIR SECTION 2
1/4" = 1'-0"



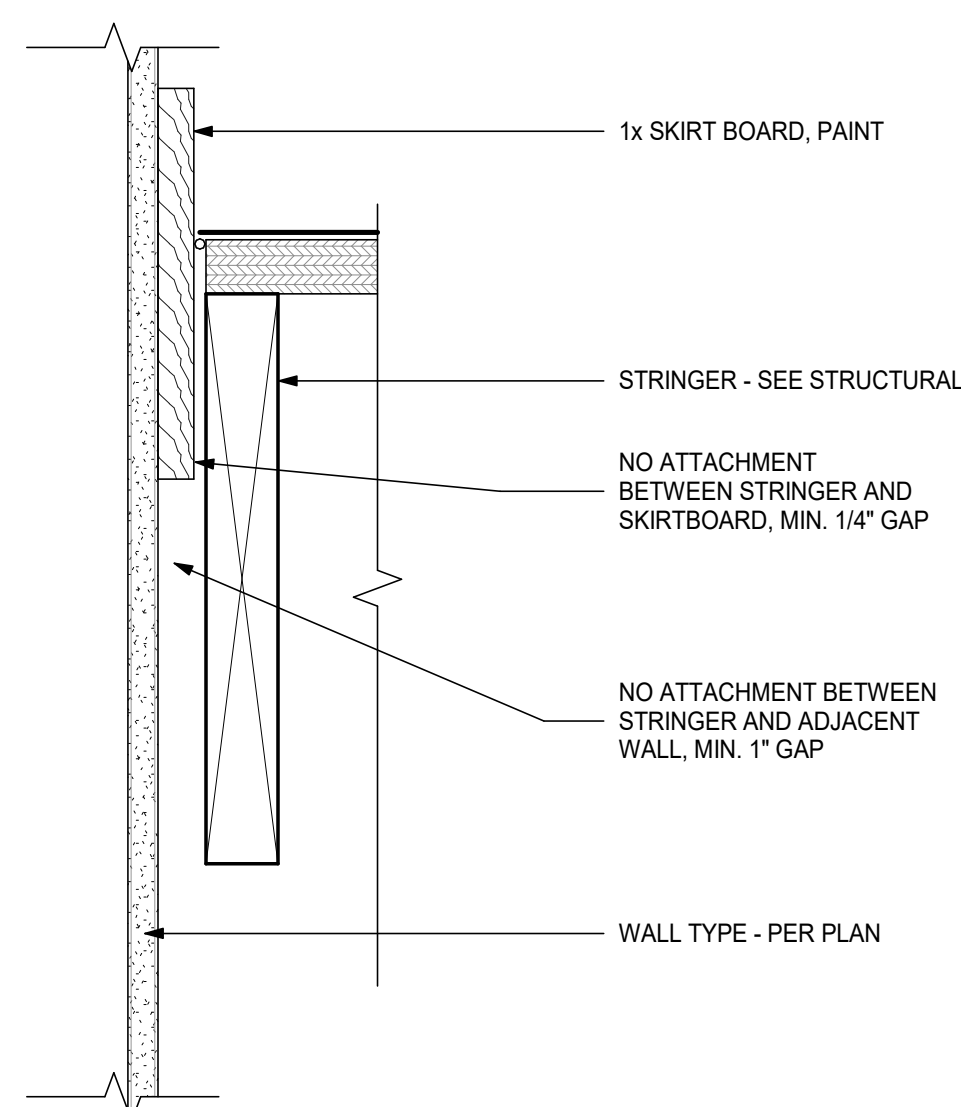
3 HANDRAIL OVERRUNS
1" = 1'-0"



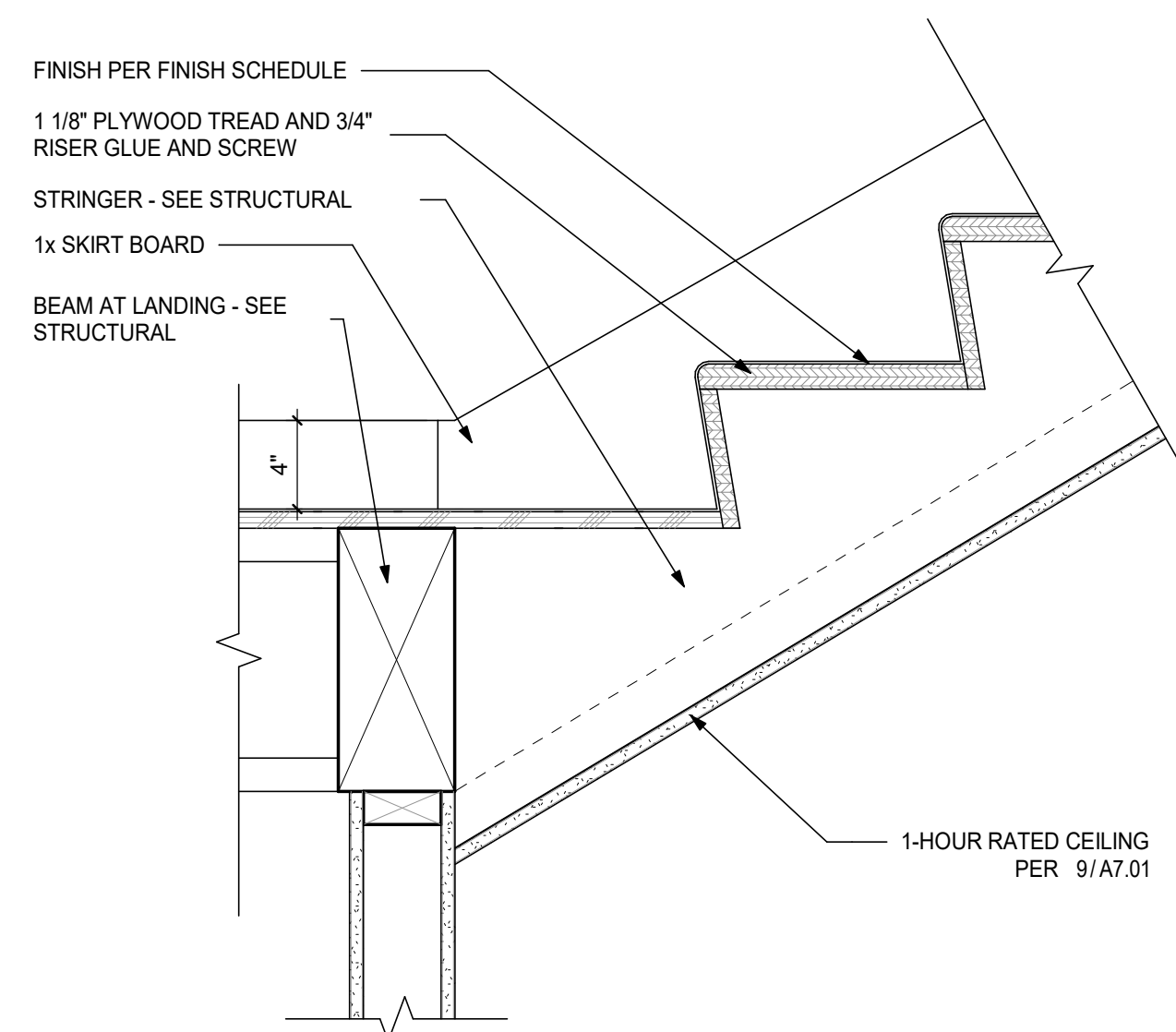
4 HANDRAIL DETAIL
3" = 1'-0"



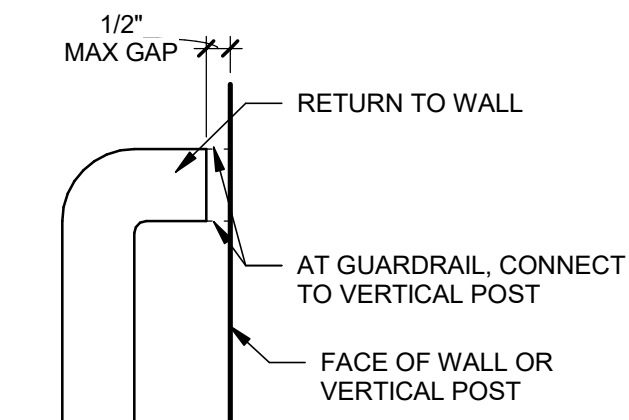
5 TYP. WOOD STAIR RISER
1 1/2" = 1'-0"



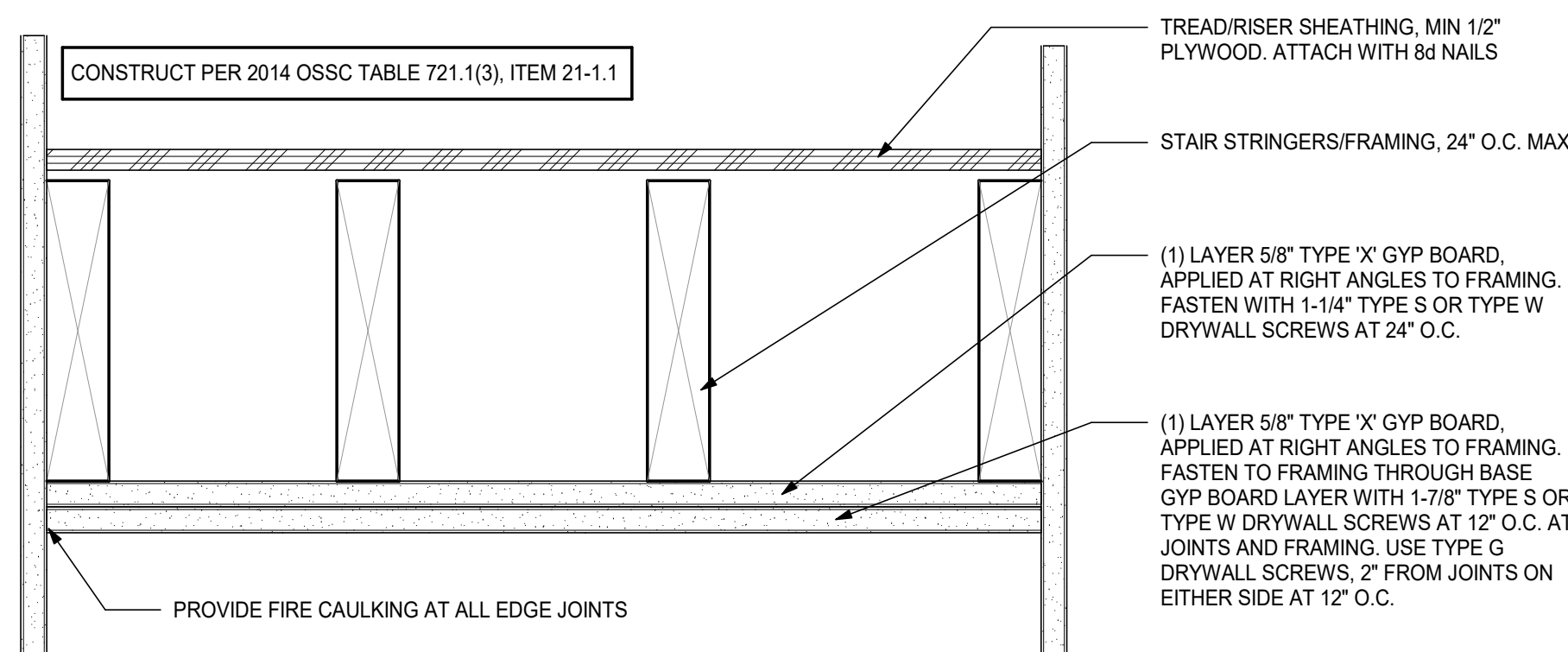
6 STAIR STRINGER - WOOD
3" = 1'-0"



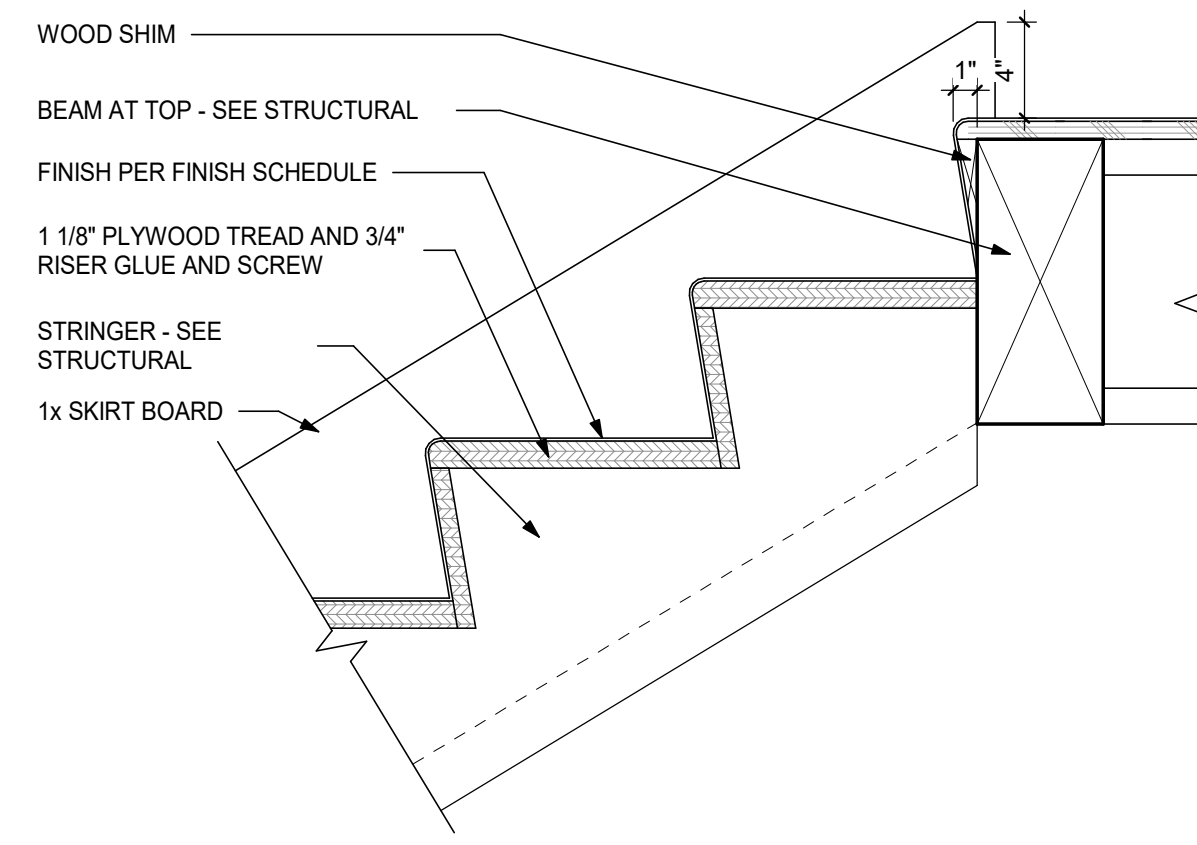
7 STAIR BASE AT LANDING - WOOD
1 1/2" = 1'-0"



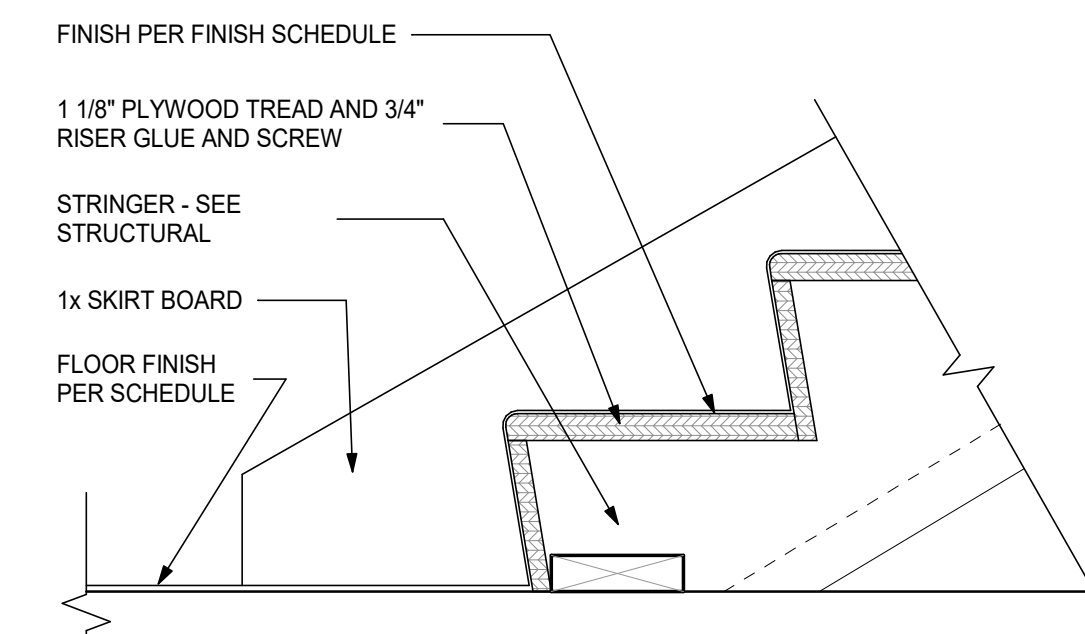
8 HANDRAIL RETURN
3" = 1'-0"



9 STAIR 1-HR FLOOR
3" = 1'-0"



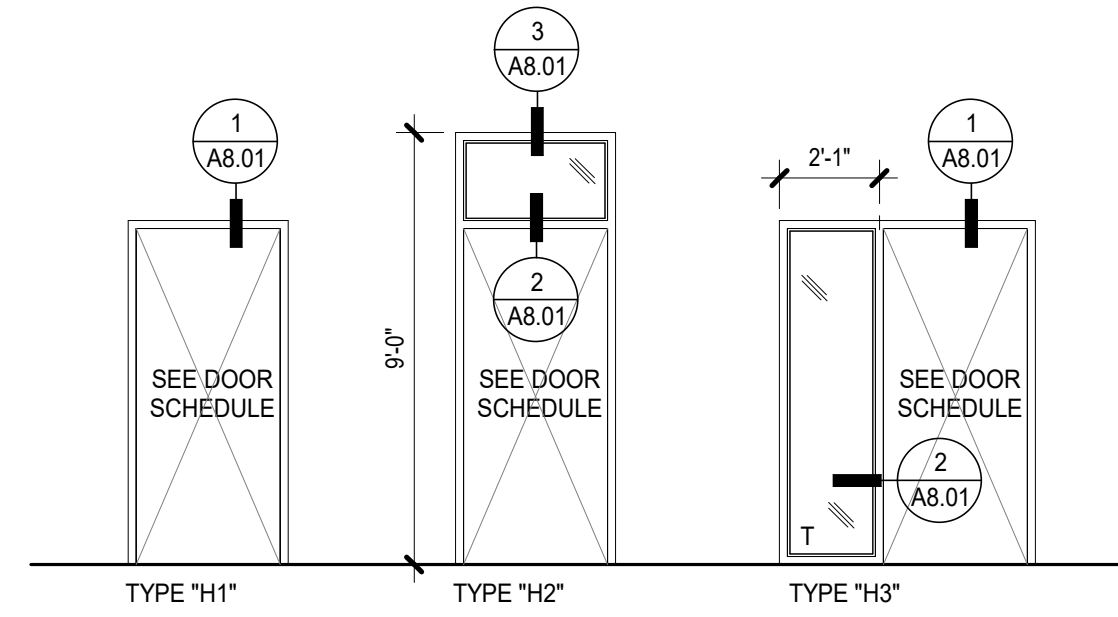
10 STAIR TOP - WOOD
1 1/2" = 1'-0"



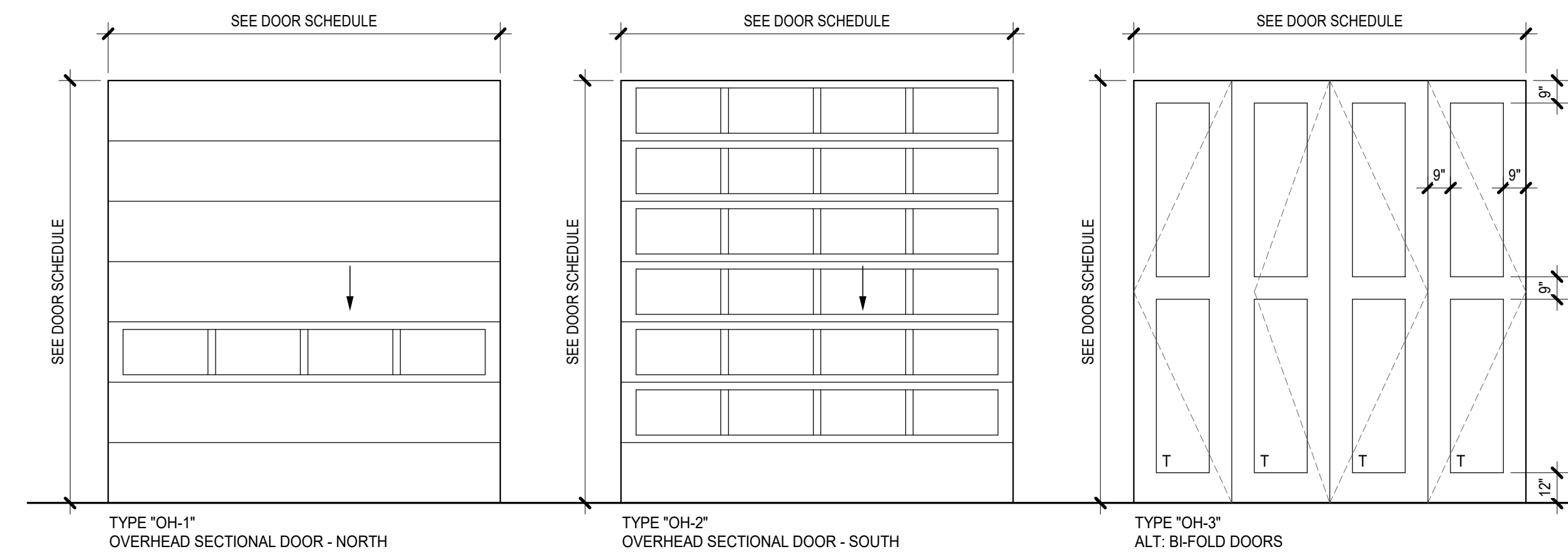
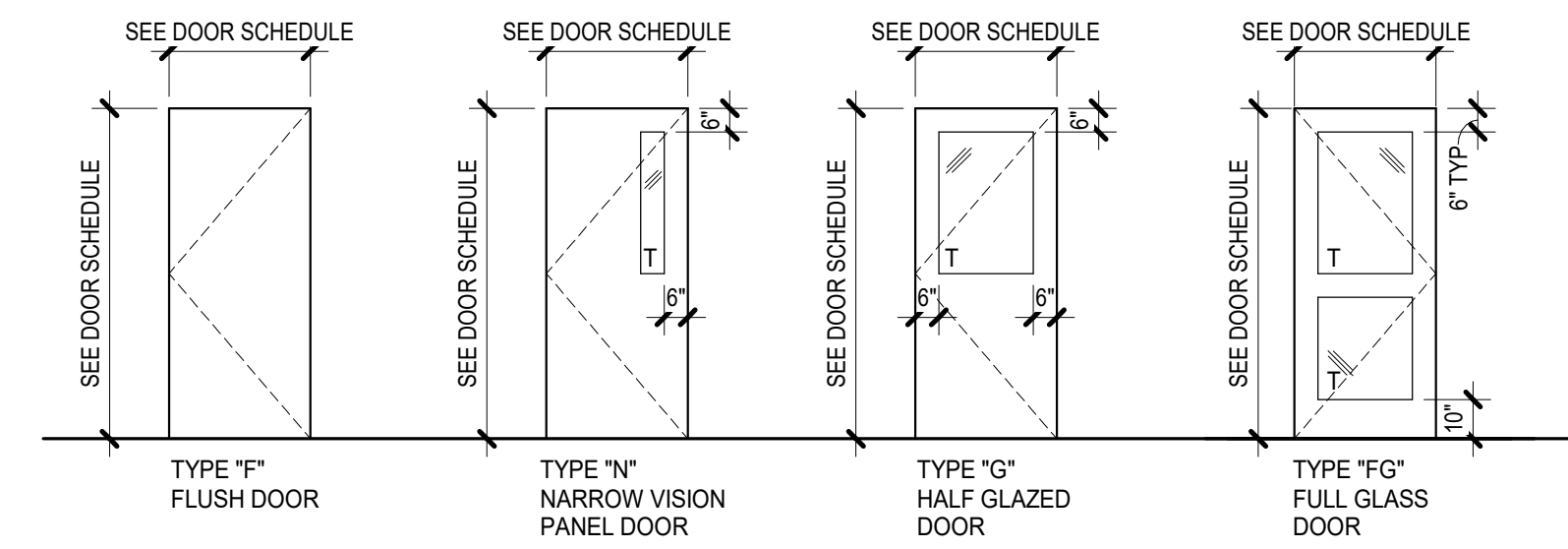
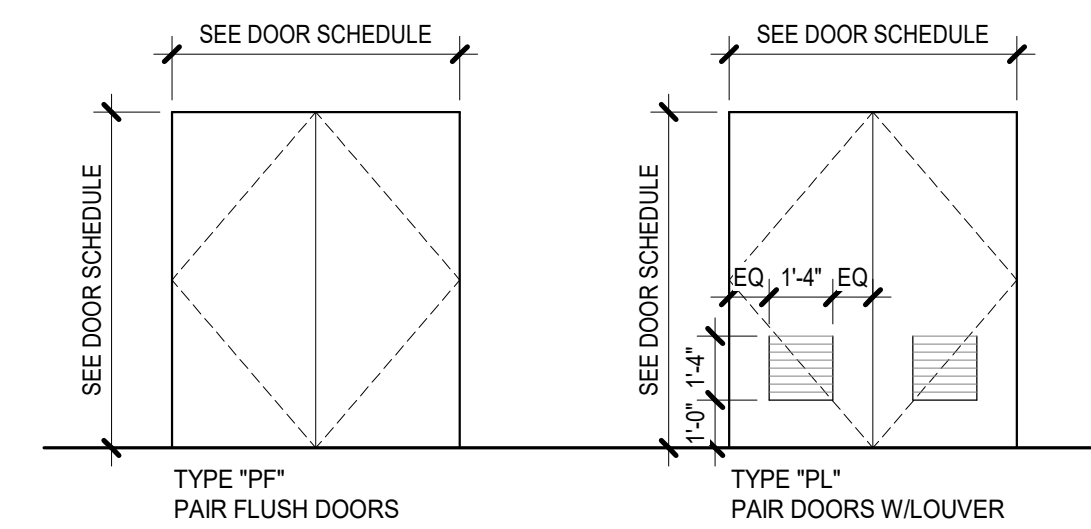
11 STAIR BASE - WOOD
1 1/2" = 1'-0"

SHEET NOTES

- "SAFETY GLAZING" SHALL BE PROVIDED IN ALL "HAZARDOUS LOCATIONS" DEFINED IN OSSC.
- "T" ON FRAME TYPES INDICATES TEMPERED SAFETY GLAZING.
- VERIFY IN FIELD ALL ROUGH OPENING DIMENSIONS
- SEE FLEXIBLE FLASHING DIAGRAM FOR FLASHING AT EXTERIOR OPENINGS.



LEGEND - FRAME TYPES



LEGEND - DOOR TYPES

LEGEND

- AL ALUMINUM
- FF FACTORY FINISH
- HM HOLLOW METAL
- HMK HOLLOW METAL KNOCKDOWN
- HMW HOLLOW METAL WELDED
- P PAINT
- SF STOREFRONT
- STL STEEL
- WD WOOD

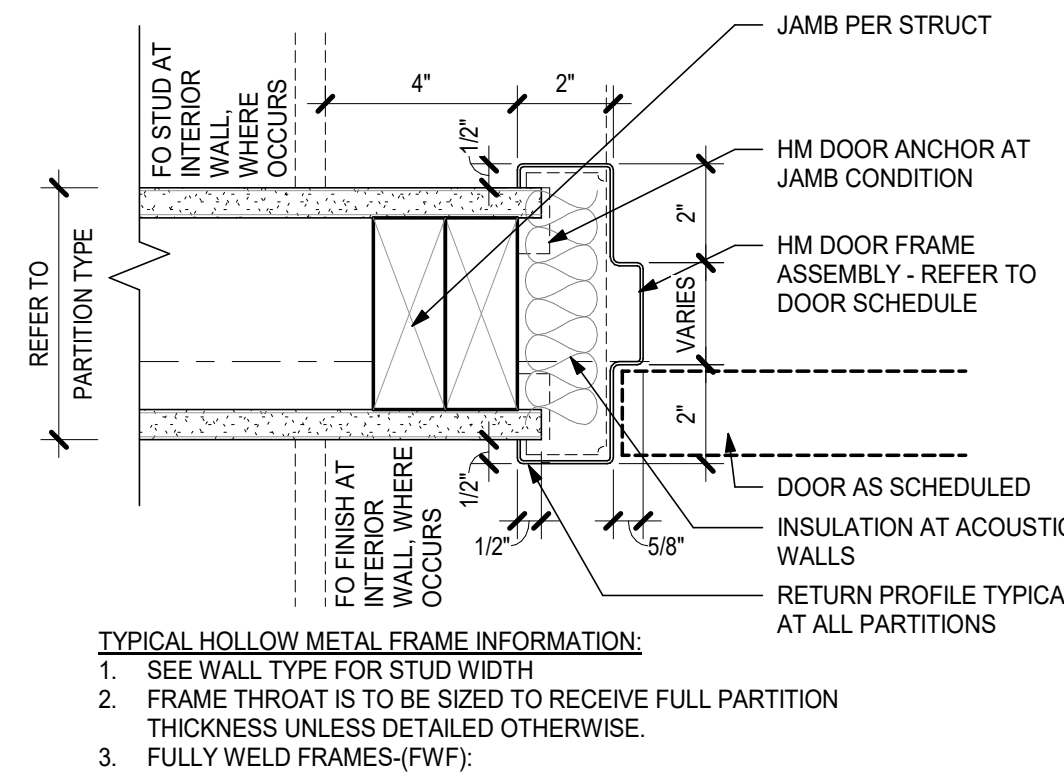
BID ALTERNATE

- BID ALTERNATE NO. B1:
- BASE BID: AT DOORS MARKED AS OH2, PROVIDE GLAZED OVERHEAD SECTIONAL DOORS AS CURRENTLY DESCRIBED IN DOOR TYPE.
 - ALTERNATE B1: AT DOORS MARKED AS OH2, PROVIDE BI-FOLD DOORS AS SHOWN IN OH3 IN PLACE OF OVERHEAD DOORS (3 TOTAL).

DOOR AND FRAME SCHEDULE

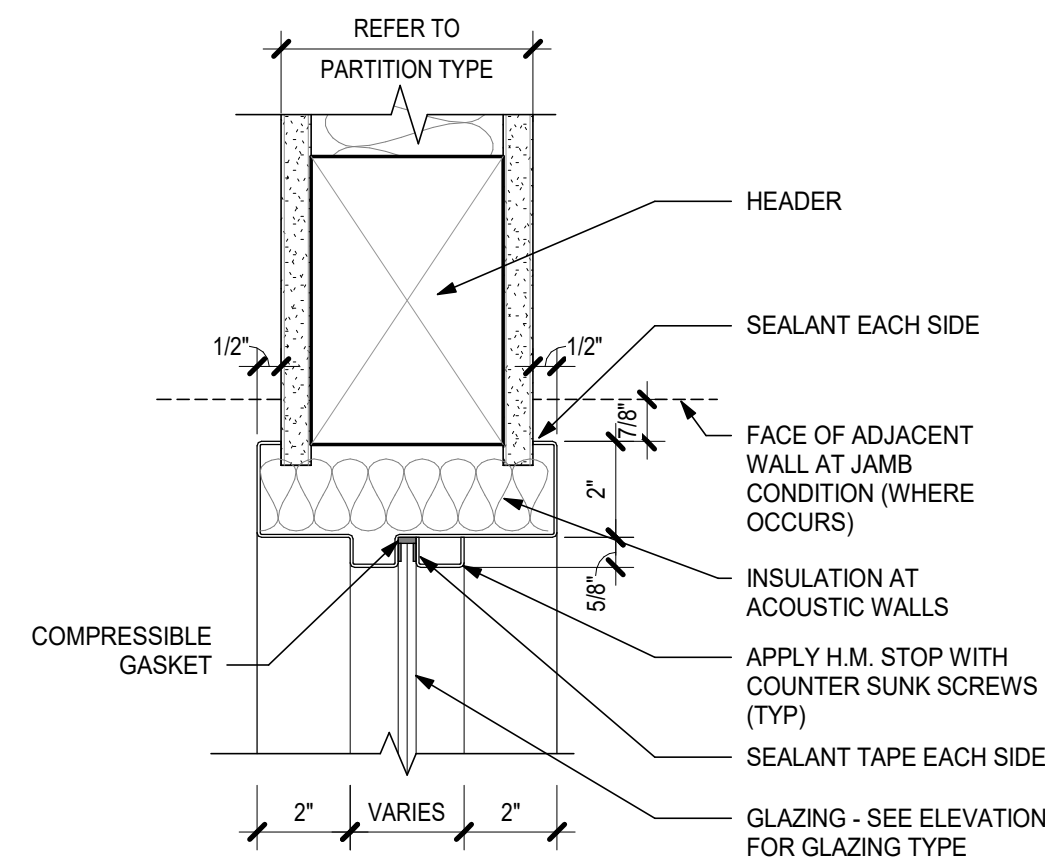
MARK	DOORS						FRAMES						HARDWARE SET	FIRE RATING LABEL (MIN.)	NOTES
	OPENING SIZE		TYPE	MAT	FIN	TYPE	MAT	FIN	DETAILS						
	WIDTH	HGT.							HEAD	JAMB					
101A	3'-0"	7'-0"	SF	AL	FF	SF	AL	FF	1/A8.14	5/A8.14	H2				
101B	3'-0"	7'-0"	SF	AL	FF	SF	AL	FF	4/A9.01	8/A9.01	H5		Frosted Glass		
102	3'-0"	7'-0"	N	WD	FF	H1	HMK	FF	1/A8.01 SIM	1/A8.01 SIM	H7				
103	3'-0"	7'-0"	N	HM	P	H1	HMW	P	1/A8.01	1/A8.01	H6				
104	3'-0"	7'-0"	F	HM	P	H1	HMW	P	1/A8.01	1/A8.01	H9				
105	3'-0"	7'-0"	F	WD	FF	H3	HMK	FF	1/A8.01 SIM	1/A8.01 SIM	H7				
107A	3'-0"	7'-0"	SF	AL	FF	SF	AL	FF	2/A8.13	6/A8.14 SIM	H2				
107B	3'-0"	7'-0"	N	WD	FF	H1	HMK	FF	1/A8.01 SIM	1/A8.01 SIM	H7				
109	3'-0"	7'-0"	F	WD	FF	H3	HMK	FF	1/A8.01 SIM	1/A8.01 SIM	H7				
111	3'-0"	7'-0"	F	WD	FF	H1	HMK	FF	1/A8.01 SIM	1/A8.01 SIM	H7				
112	3'-0"	7'-0"	F	WD	FF	H1	HMK	FF	1/A8.01 SIM	1/A8.01 SIM	H9				
113	3'-0"	7'-0"	F	WD	FF	H1	HMK	FF	1/A8.01 SIM	1/A8.01 SIM	H9				
114	3'-0"	7'-0"	F	WD	FF	H1	HMK	FF	1/A8.01 SIM	1/A8.01 SIM	H9				
115	3'-0"	7'-0"	F	WD	FF	H1	HMK	FF	1/A8.01 SIM	1/A8.01 SIM	H8	20 MIN	STC RATED		
116	3'-0"	7'-0"	F	WD	FF	H1	HMK	FF	1/A8.01 SIM	1/A8.01 SIM	H8	20 MIN	STC RATED		
117	3'-0"	7'-0"	F	WD	FF	H1	HMK	FF	1/A8.01 SIM	1/A8.01 SIM	H8	20 MIN	STC RATED		
118	3'-0"	7'-0"	F	WD	FF	H1	HMK	FF	1/A8.01 SIM	1/A8.01 SIM	H8	20 MIN	STC RATED		
119	3'-0"	7'-0"	F	WD	FF	H1	HMK	FF	1/A8.01 SIM	1/A8.01 SIM	H8	20 MIN	STC RATED		
120	3'-0"	7'-0"	F	WD	FF	H1	HMK	FF	1/A8.01 SIM	1/A8.01 SIM	H8	20 MIN	STC RATED		
121A	3'-0"	7'-0"	F	WD	FF	H1	HMK	FF	1/A8.01 SIM	1/A8.01 SIM	H1				
121B	3'-0"	7'-0"	SF	AL	FF	SF	AL	FF	2/A8.13	5/A8.14	H2				
121C	3'-0"	7'-0"	SF	AL	FF	SF	AL	FF	2/A8.13	6/A8.13	H4		Frosted Glass		
122	3'-0"	7'-0"	F	WD	FF	H1	HMK	FF	1/A8.01 SIM	1/A8.01 SIM	H9				
123	3'-0"	7'-0"	F	WD	FF	H1	HMK	FF	1/A8.01 SIM	1/A8.01 SIM	H6				
124	3'-0"	7'-0"	N	HM	P	H1	HMW	P	1/A8.01	1/A8.01	H6				
125A	13'-0"	14'-0"	OH2	STL	FF	---	---	---	1/A8.12	5/A8.12					
125B	13'-0"	14'-0"	OH2	STL	FF	---	---	---	1/A8.12	5/A8.12					
125C	13'-0"	14'-0"	OH2	STL	FF	---	---	---	1/A8.12	5/A8.12					
125D	13'-0"	14'-0"	OH1	STL	FF	---	---	---	1/A8.12	5/A8.12					
125E	13'-0"	14'-0"	OH1	STL	FF	---	---	---	1/A8.12	5/A8.12					
125F	3'-0"	7'-0"	N	HM	P	H1	HMW	P	2 & 3/A8.12	6 & 7/A8.12	H1				
125G	3'-0"	7'-0"	N	HM	P	H1	HMW	P	2 & 3/A8.12	6 & 7/A8.12	H1				
126	3'-0"	7'-0"	F	HM	P	H1	HMW	P	1/A8.01	1/A8.01	H10				
128	3'-0"	7'-0"	N	HM	P	H1	HMW	P	1/A8.01	1/A8.01	H6				
129	3'-0"	7'-0"	G	HM	P	H1	HMW	P	1/A8.01	1/A8.01	H6				
130	3'-0"	7'-0"	G	HM	P	H1	HMW	P	1/A8.01	1/A8.01	H6				
131	3'-0"	7'-0"	G	HM	P	H1	HMW	P	1/A8.01	1/A8.01	H6				
132	6'-0"	7'-0"	PL	HM	P	H1	HMW	P	2 & 3/A8.12	6 & 7/A8.12	H3				
133	6'-0"	7'-0"	PF	HM	P	H1	HMW	P	2 & 3/A8.12	6 & 7/A8.12	H3				

SEE SPECIFICATIONS FOR DOOR HARDWARE SCHEDULE



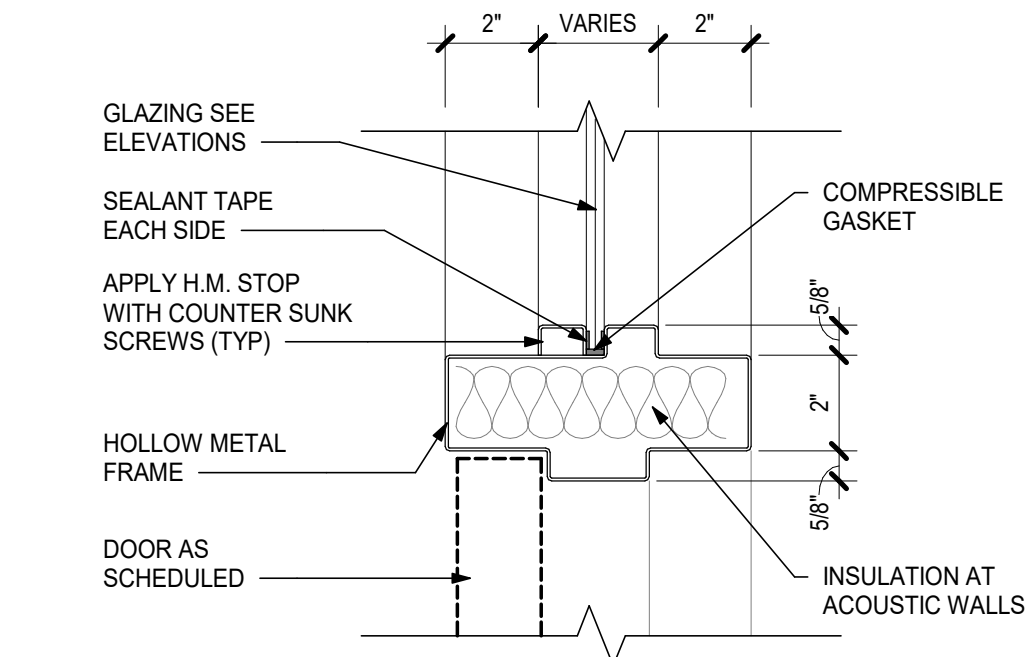
1 HM JAMB-DOOR-INT

3" = 1'-0"



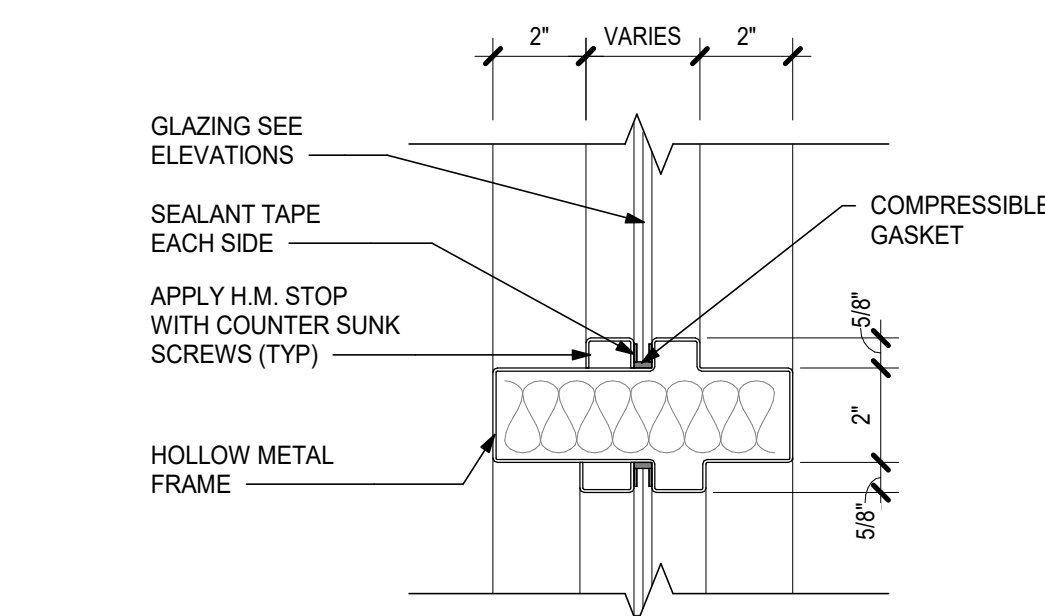
3 HM JAMB-WINDOW-INT

3" = 1'-0"



2 HM MULLION-DOOR-INT

3" = 1'-0"



4 HM MULLION-WINDOW-INT

3" = 1'-0"

**Millersburg Fire
Station 15**
3215 Transition Parkway
NE Albany, OR 97321



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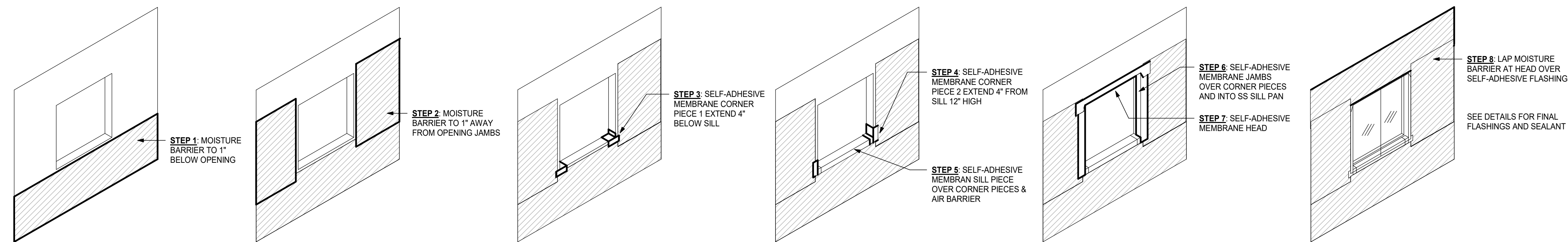
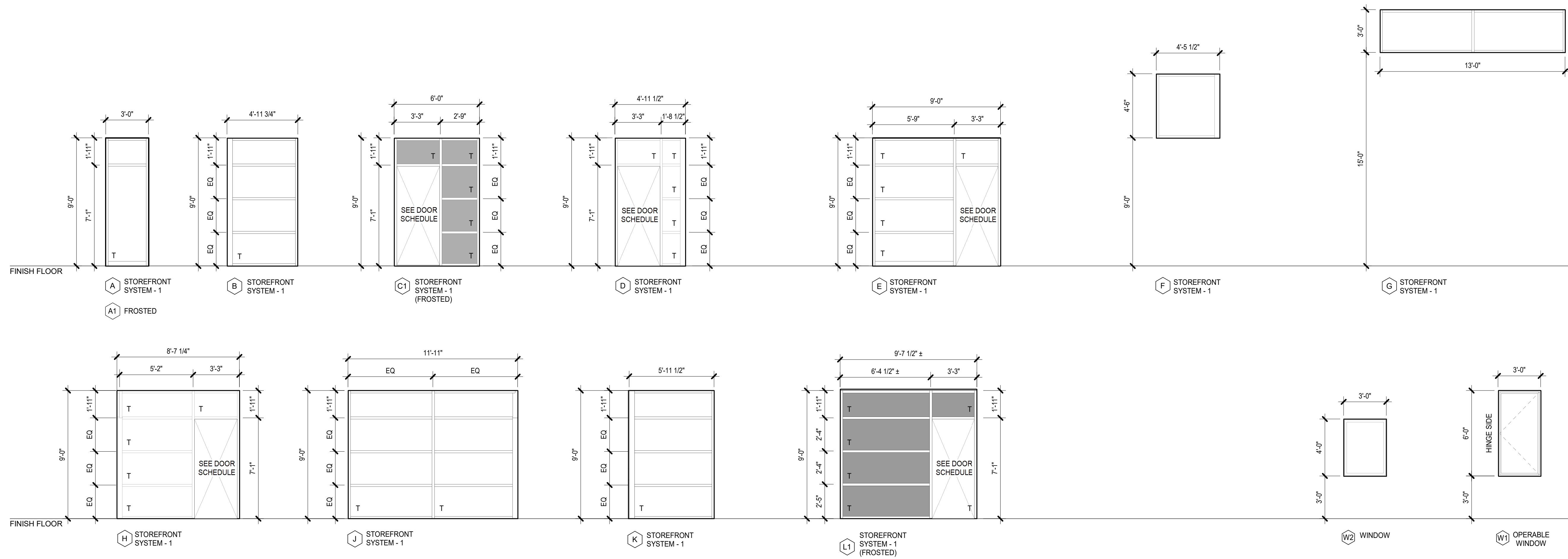
20006

Drawing Title

**EXTERIOR OPENING
TYPES**

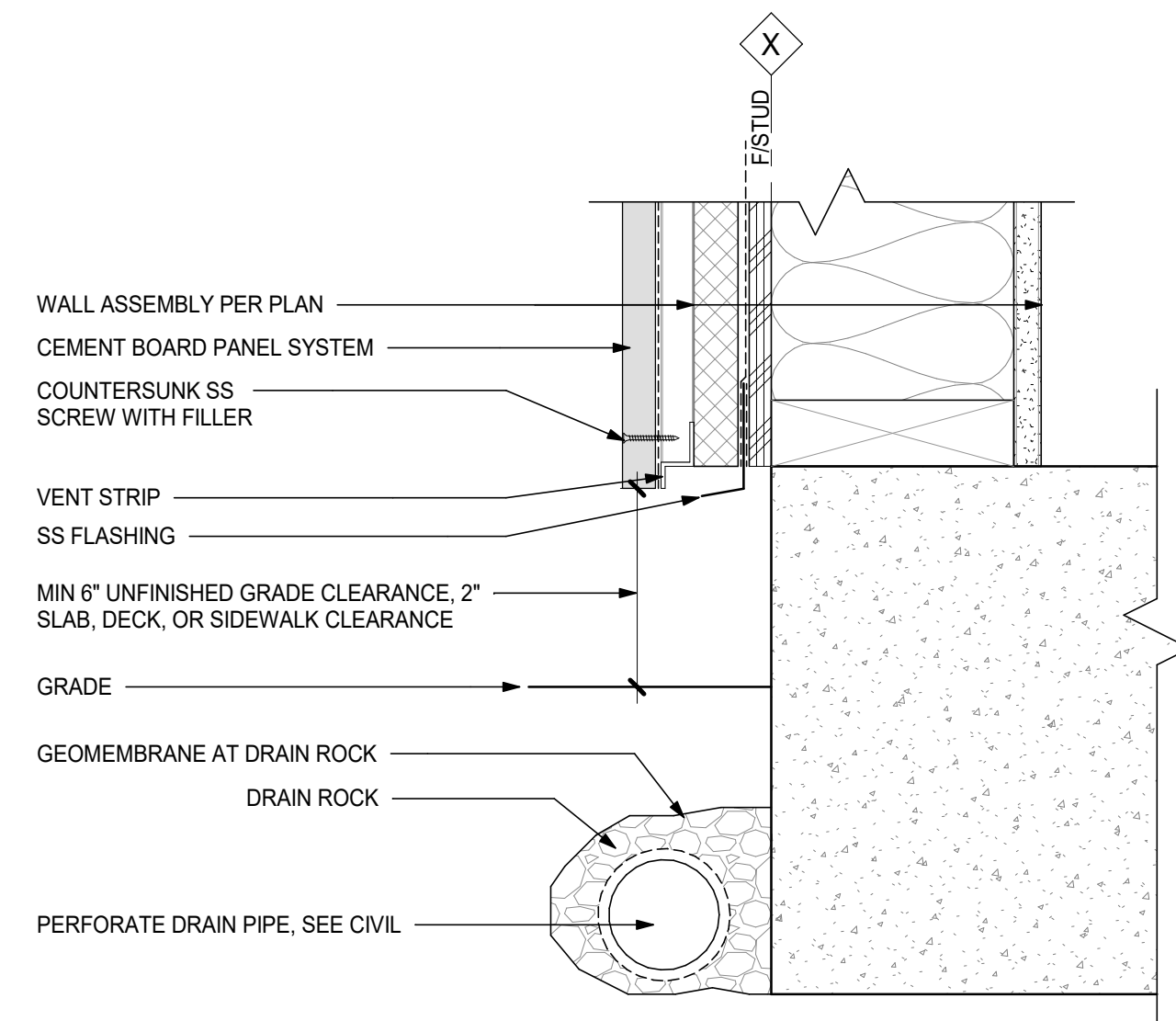
Sheet No

A8.02

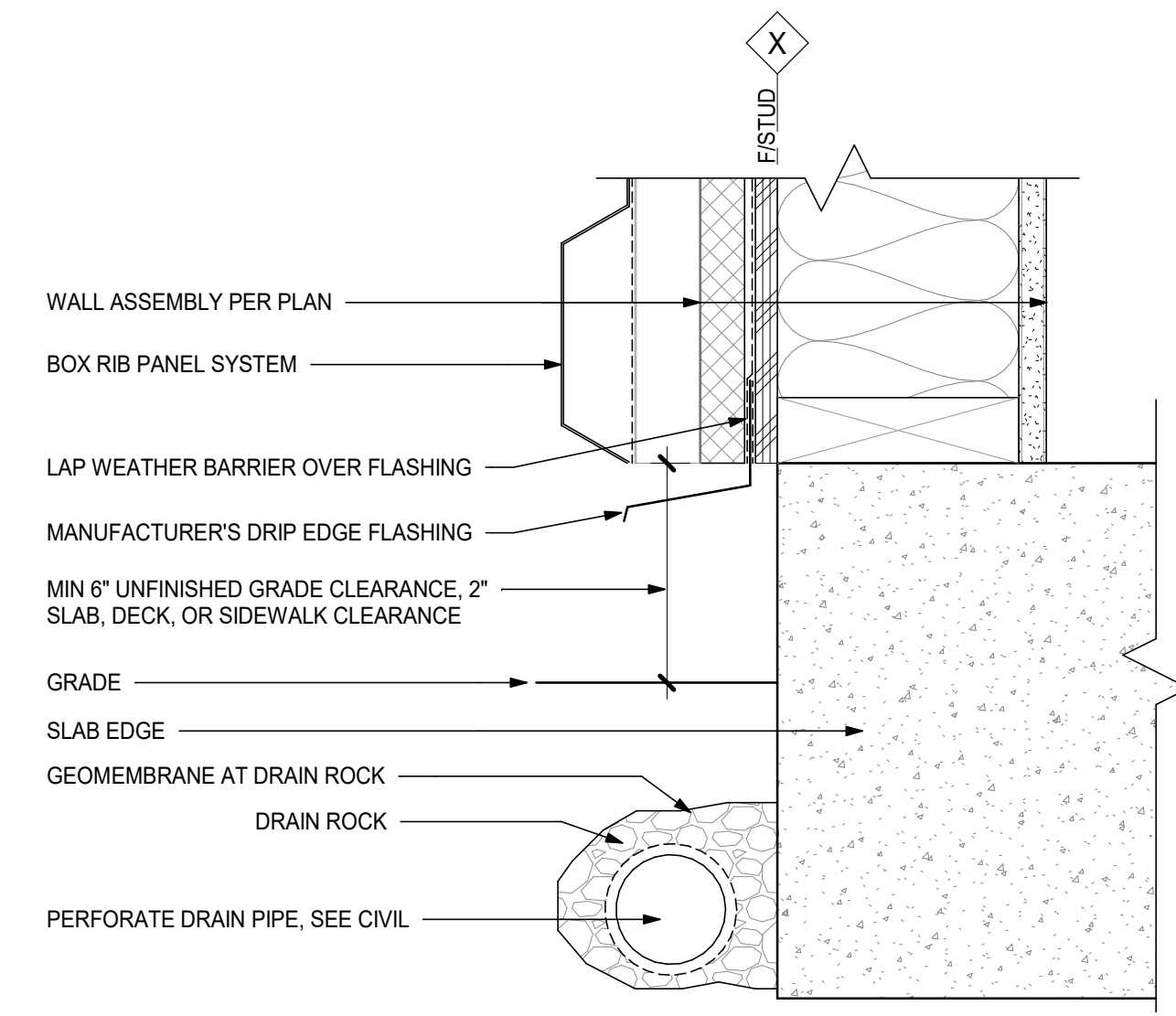


1 FLEXIBLE FLASHING DIAGRAM

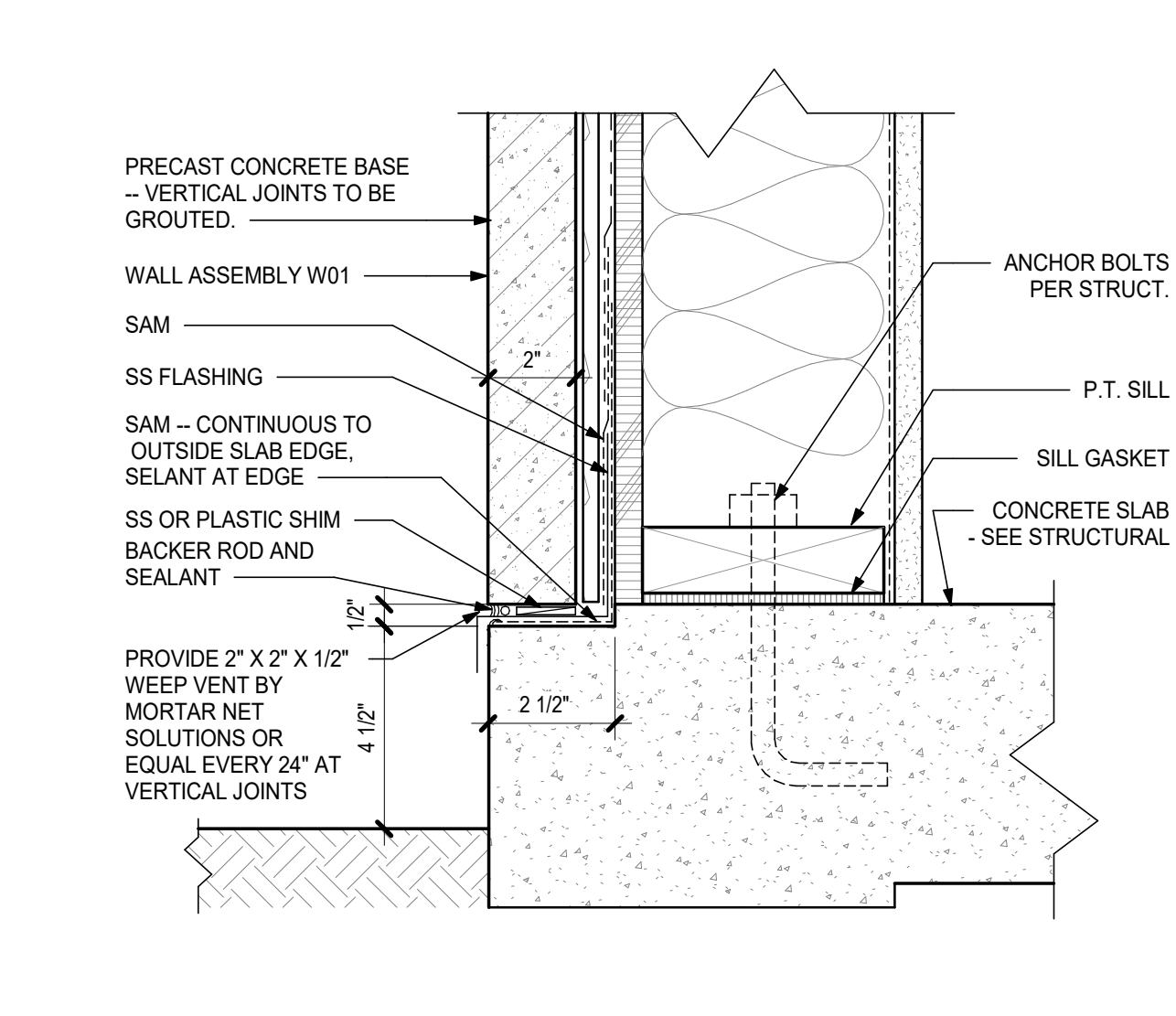
12" = 1'-0"



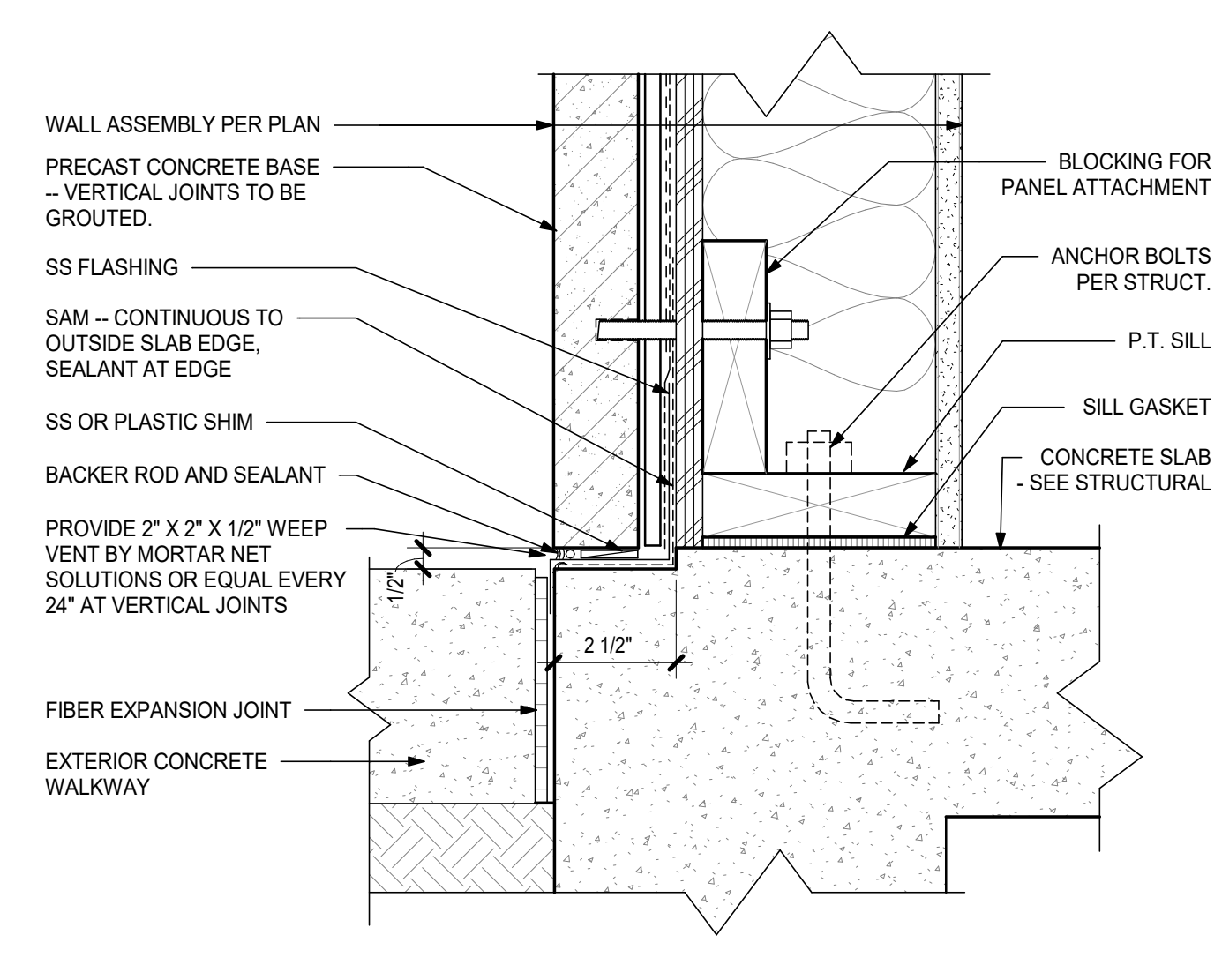
1 CEMENT BOARD BASE
 3" = 1'-0"



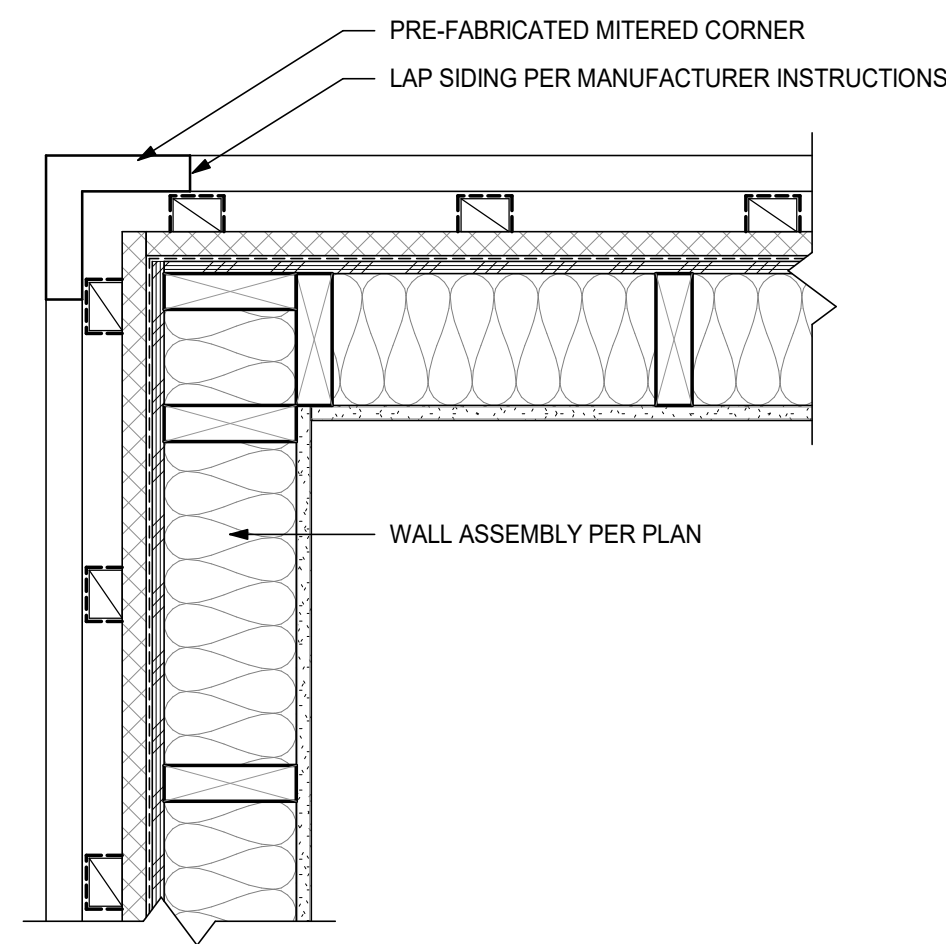
2 BOX RIB BASE
 3" = 1'-0"



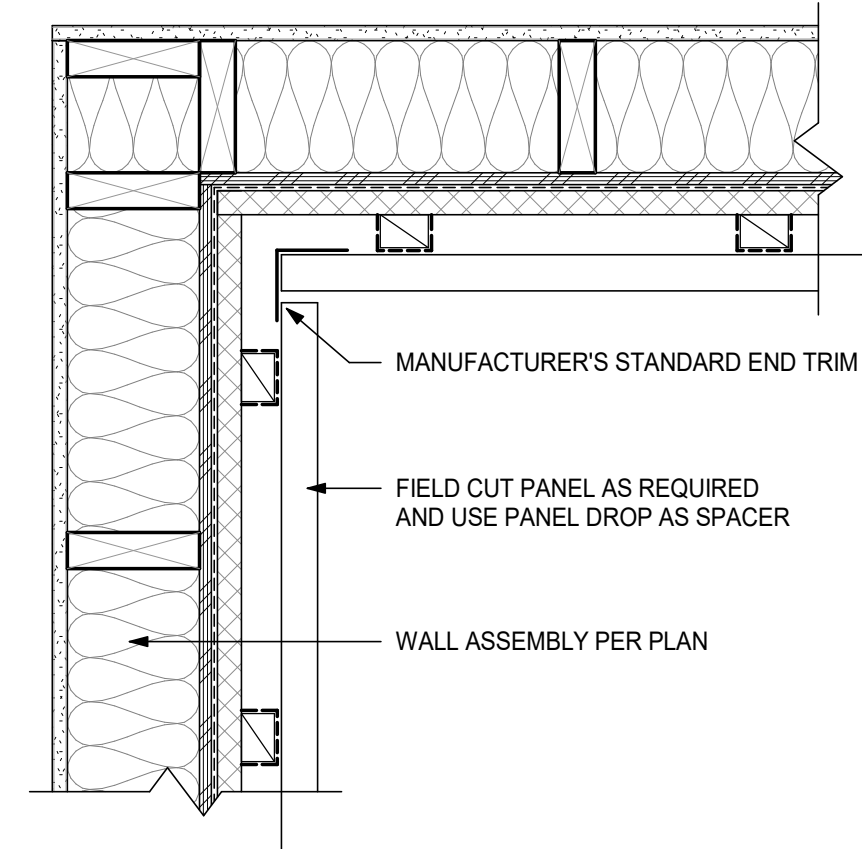
3 PRECAST AT CONCRETE SLAB
 3" = 1'-0"



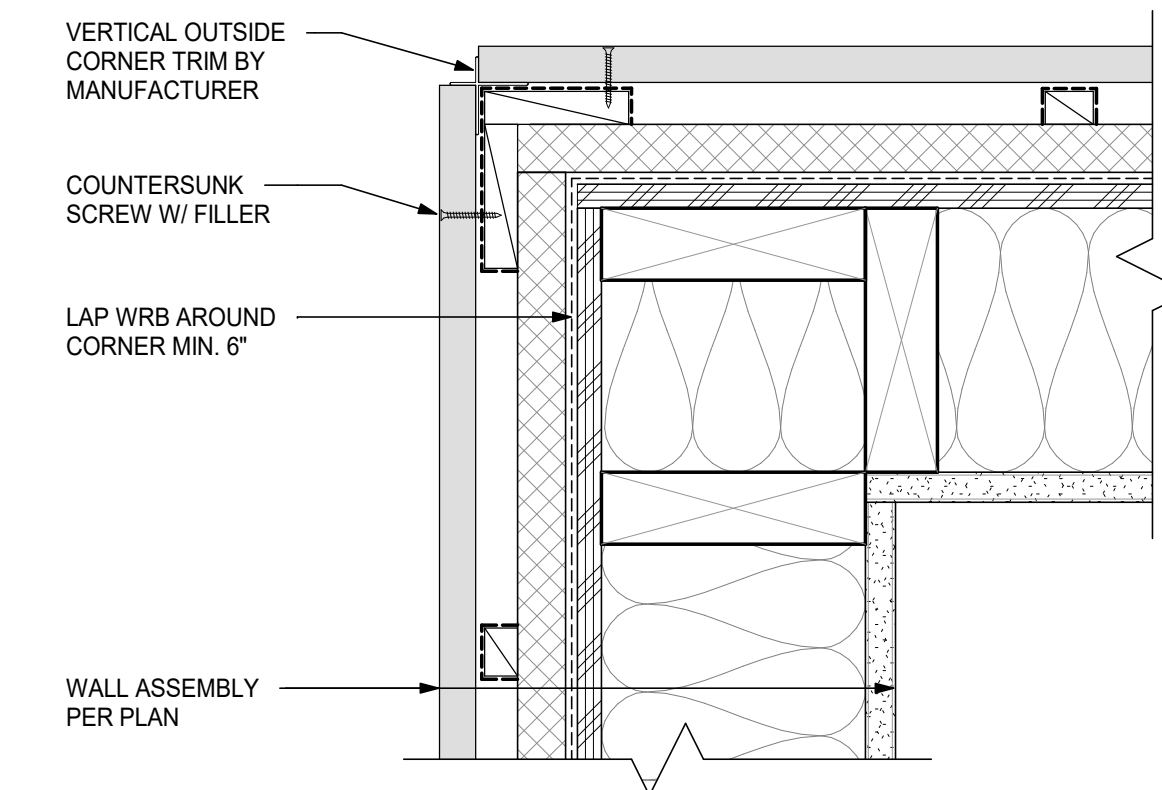
4 PRECAST AT EXTERIOR WALKWAY
 3" = 1'-0"



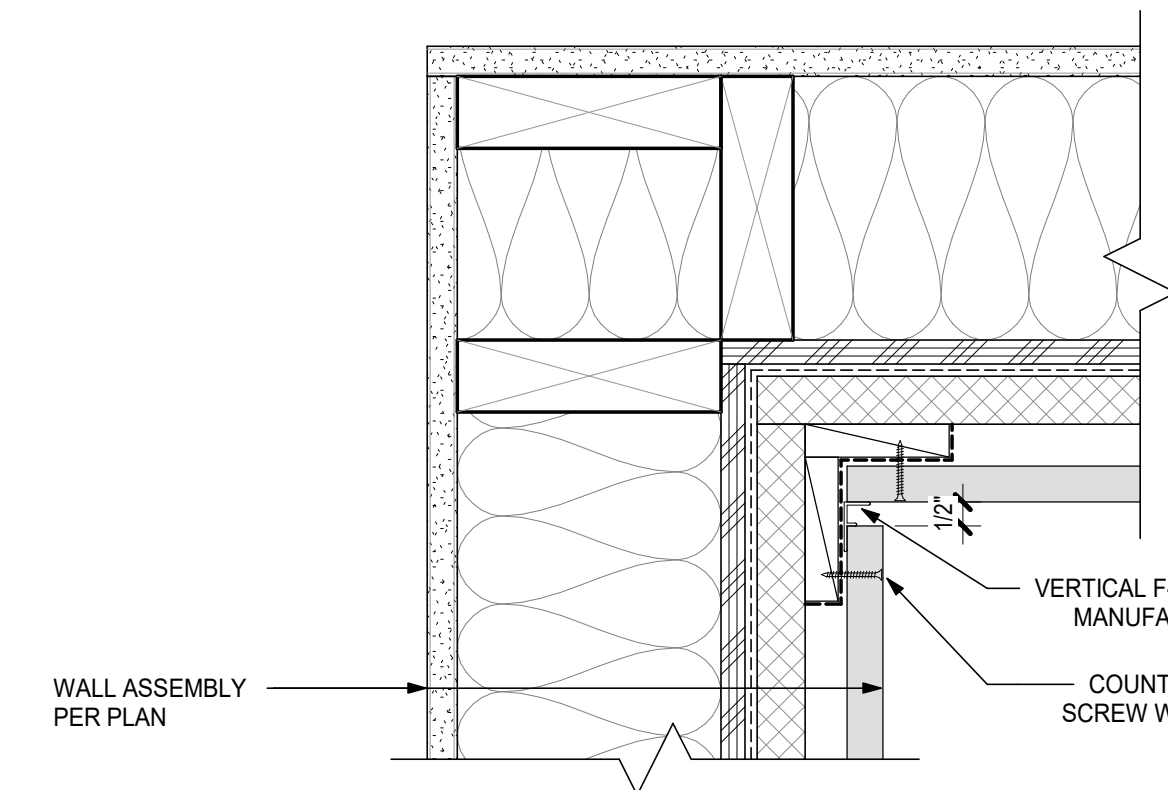
5 METAL PANEL OUTSIDE CORNER
 1 1/2" = 1'-0"



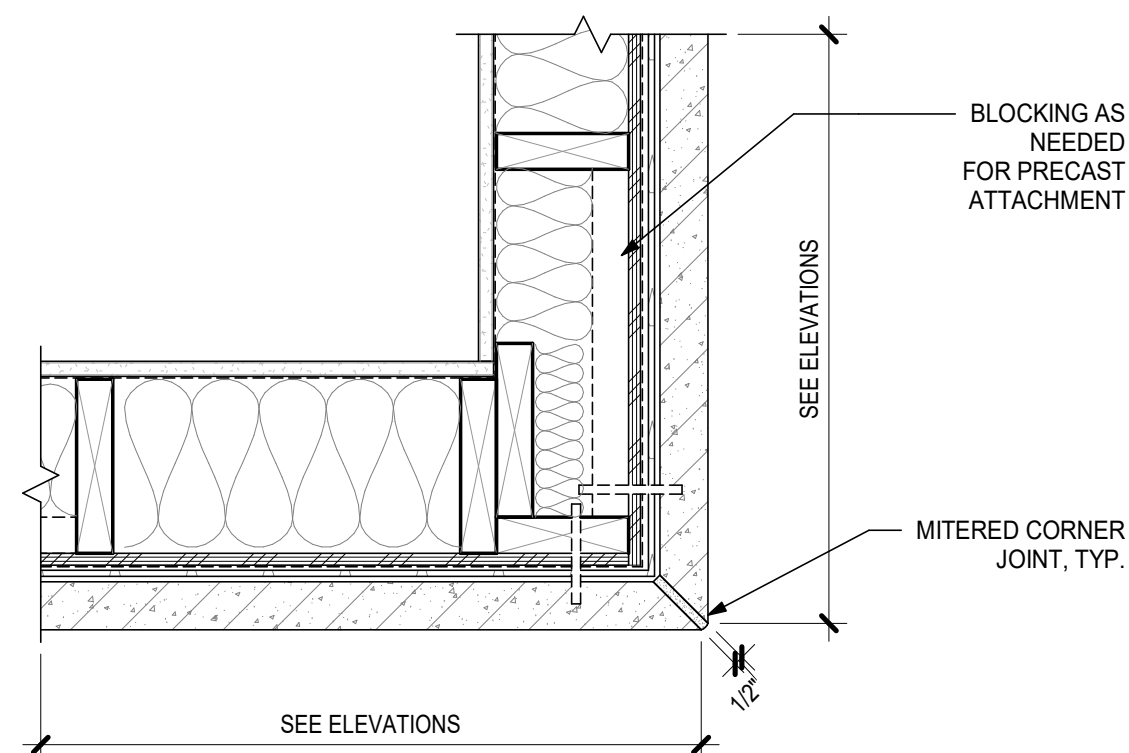
6 METAL PANEL INSIDE CORNER
 1 1/2" = 1'-0"



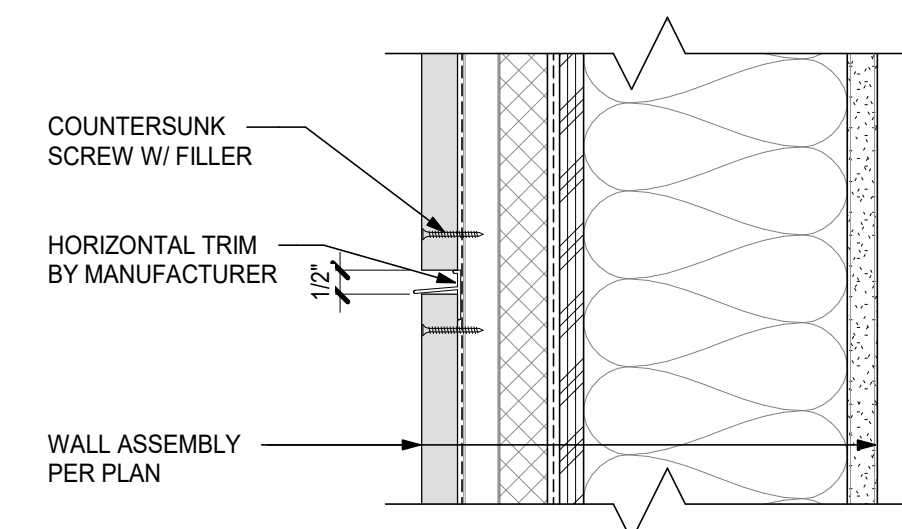
7 CEMENT BOARD OUTSIDE CORNER
 3" = 1'-0"



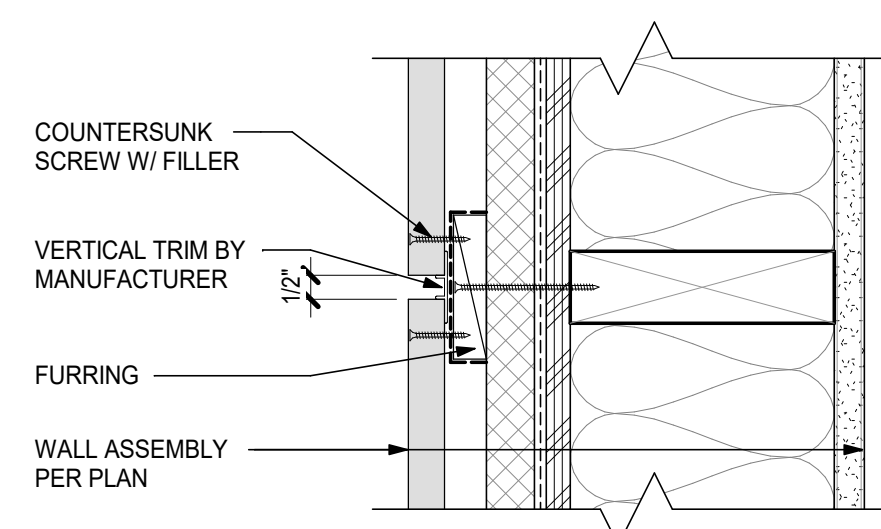
8 CEMENT BOARD INSIDE CORNER
 3" = 1'-0"



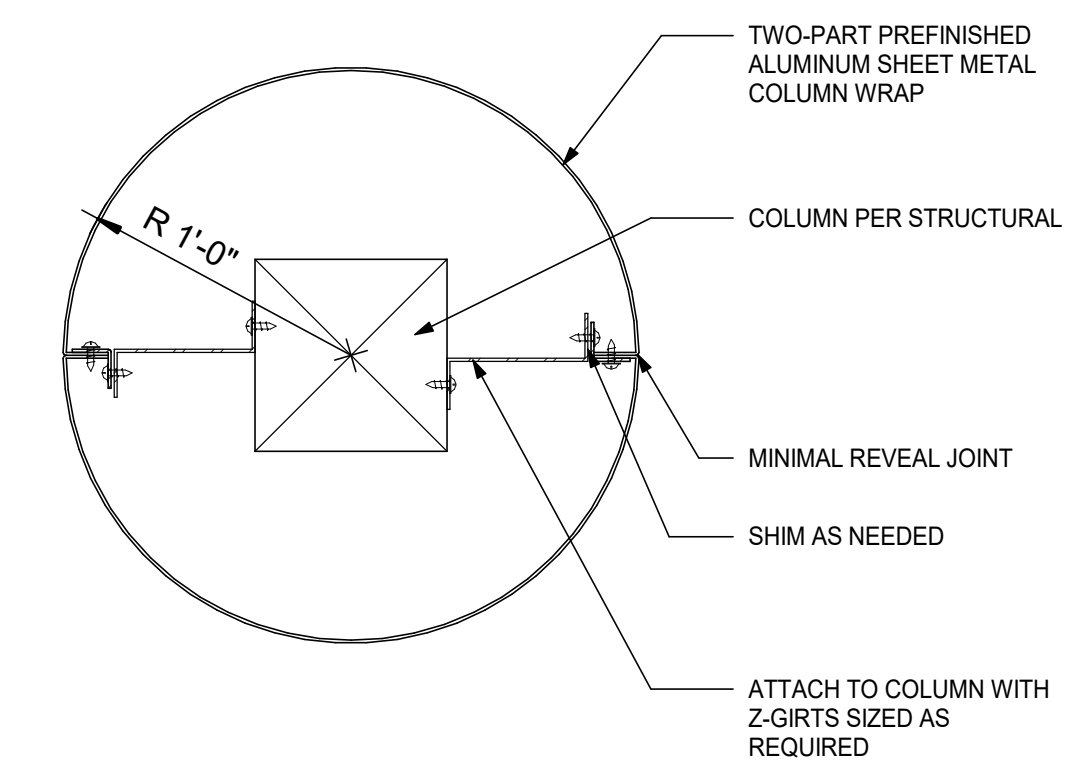
9 PRECAST AT TYPICAL CORNER
 1 1/2" = 1'-0"



10 CEMENT BOARD HORIZONTAL REVEAL
 3" = 1'-0"



11 CEMENT BOARD VERTICAL REVEAL
 3" = 1'-0"



12 METAL COLUMN WRAP
 1 1/2" = 1'-0"



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Drawing Title
EXTERIOR WALL DETAILS

Sheet No

A8.11



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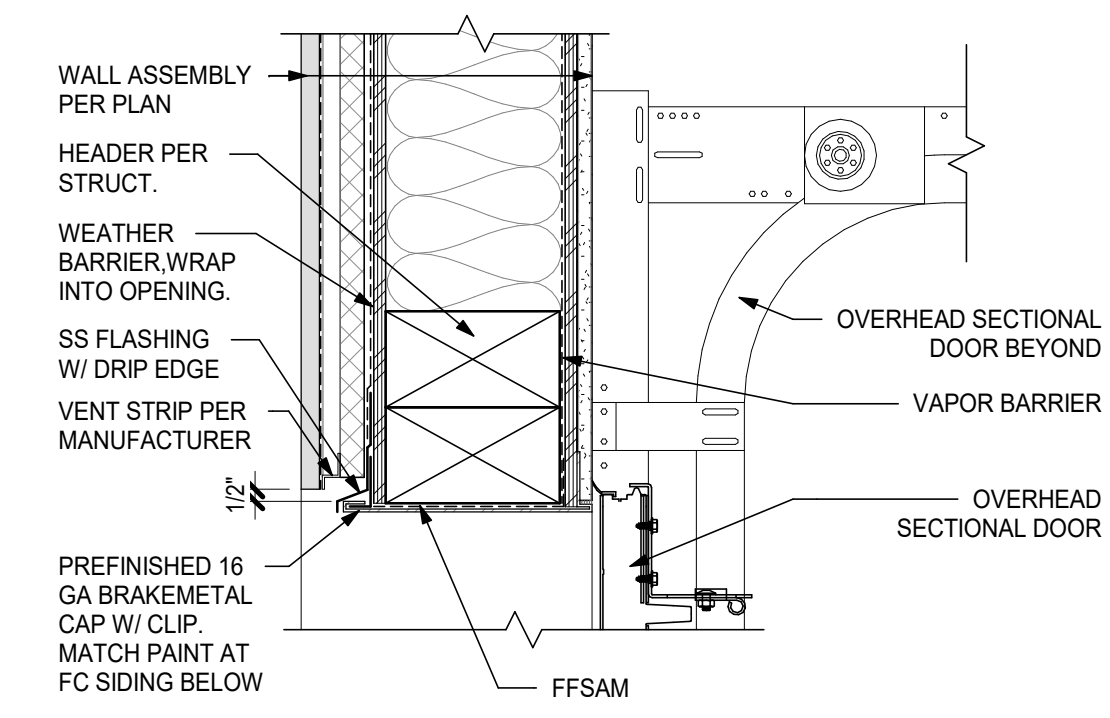
20006

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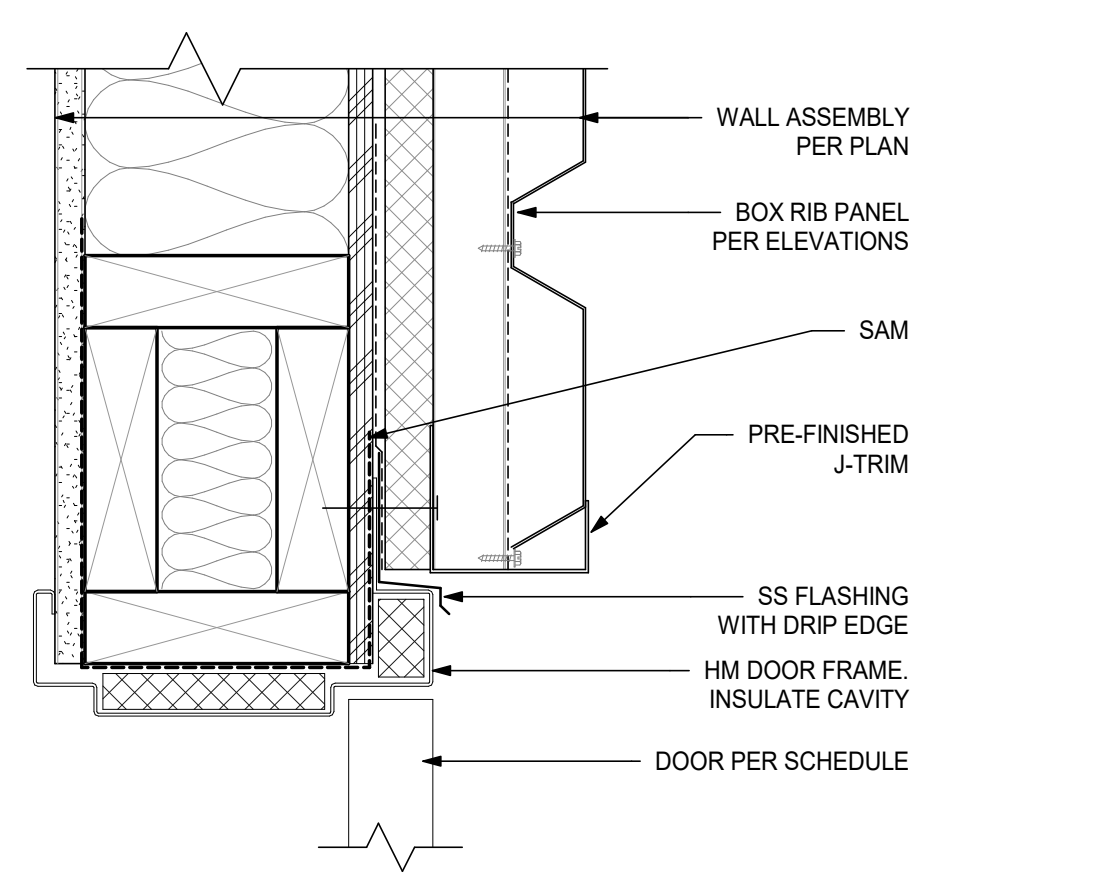
**EXTERIOR OPENING
DETAILS**

Sheet No

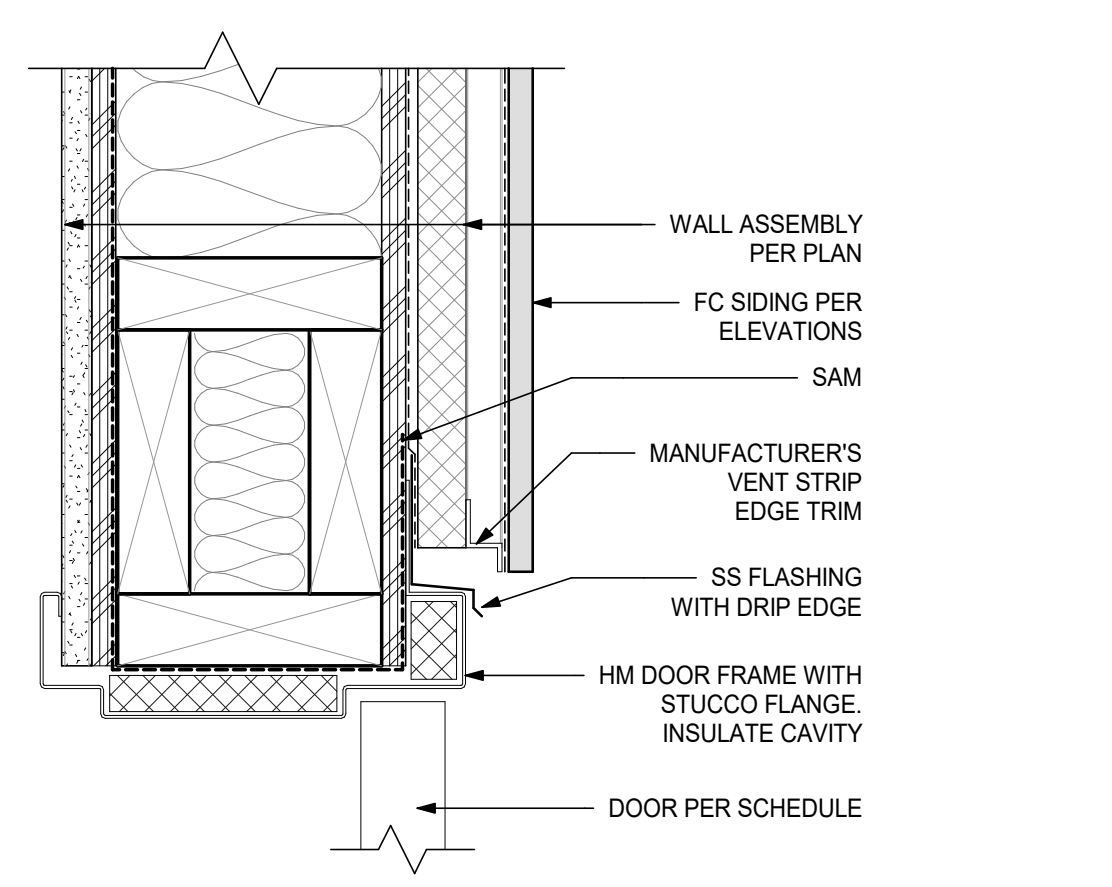
A8.12



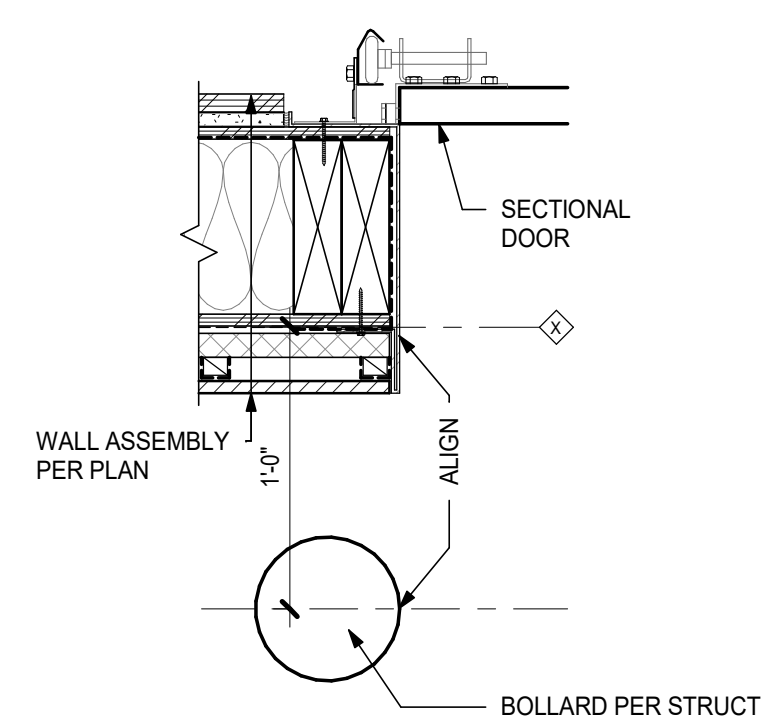
1 OH DOOR HEAD
1 1/2" = 1'-0"



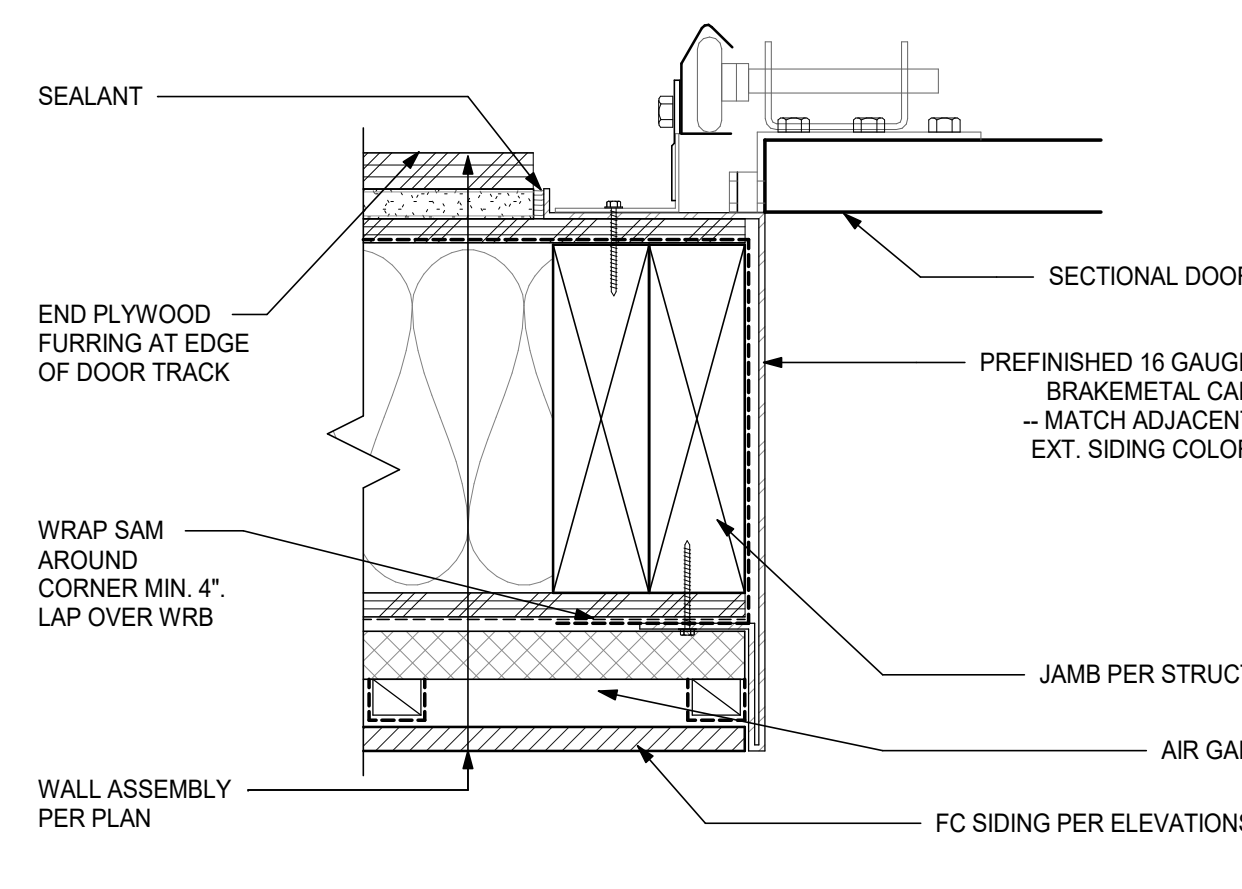
2 EXT. HM DOOR HEAD AT BOX RIB
3" = 1'-0"



3 EXT. HM DOOR HEAD AT CEMENT BOARD
3" = 1'-0"

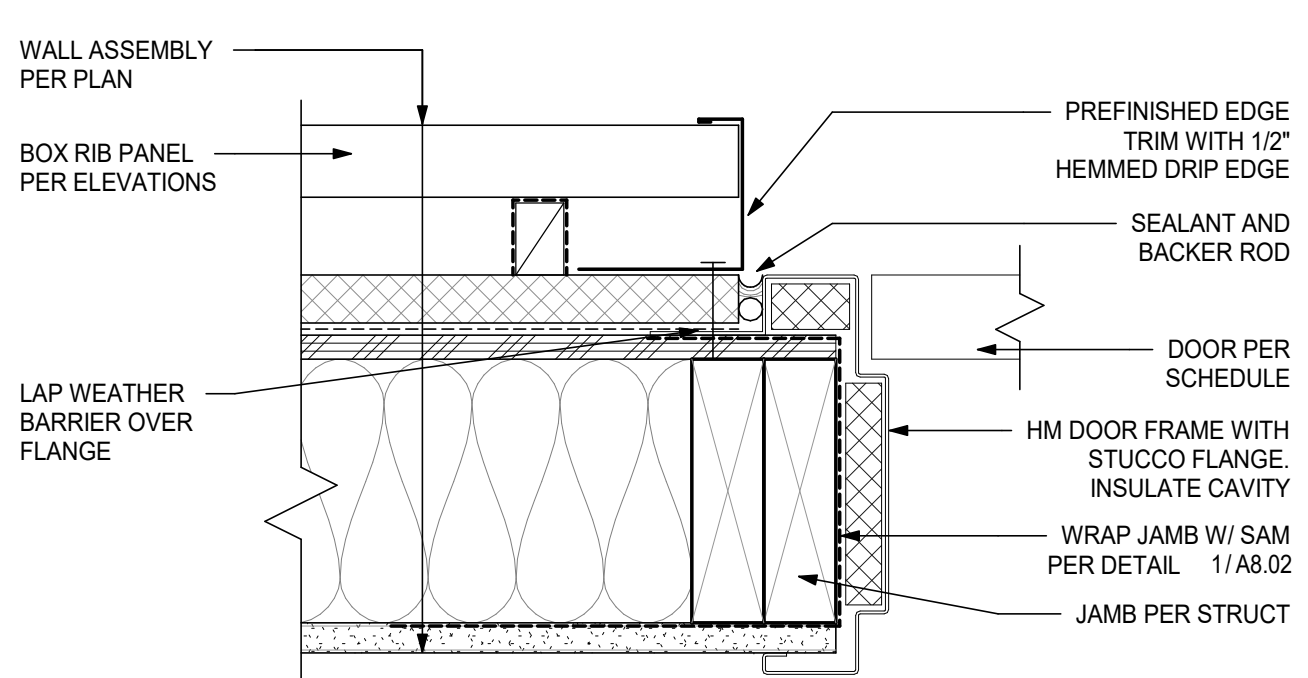


4 BOLLARD LOCATION
1 1/2" = 1'-0"

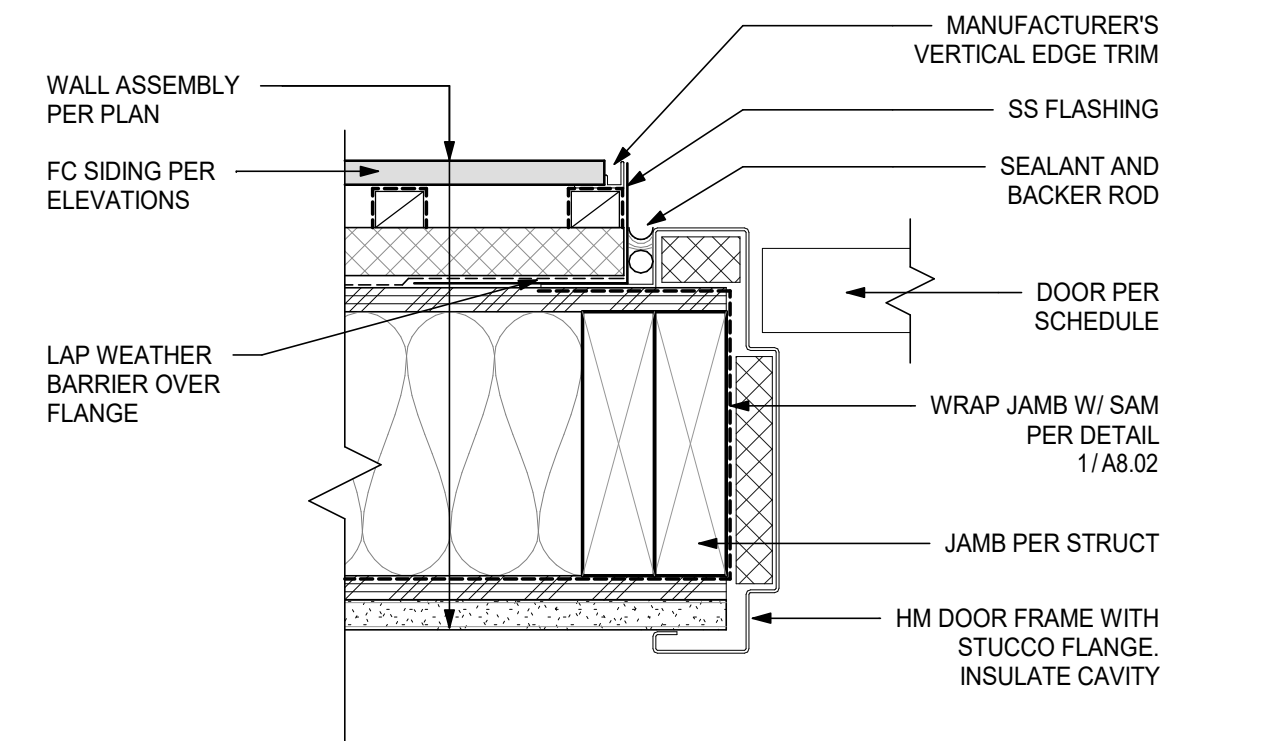


5 OH DOOR JAMB
3" = 1'-0"

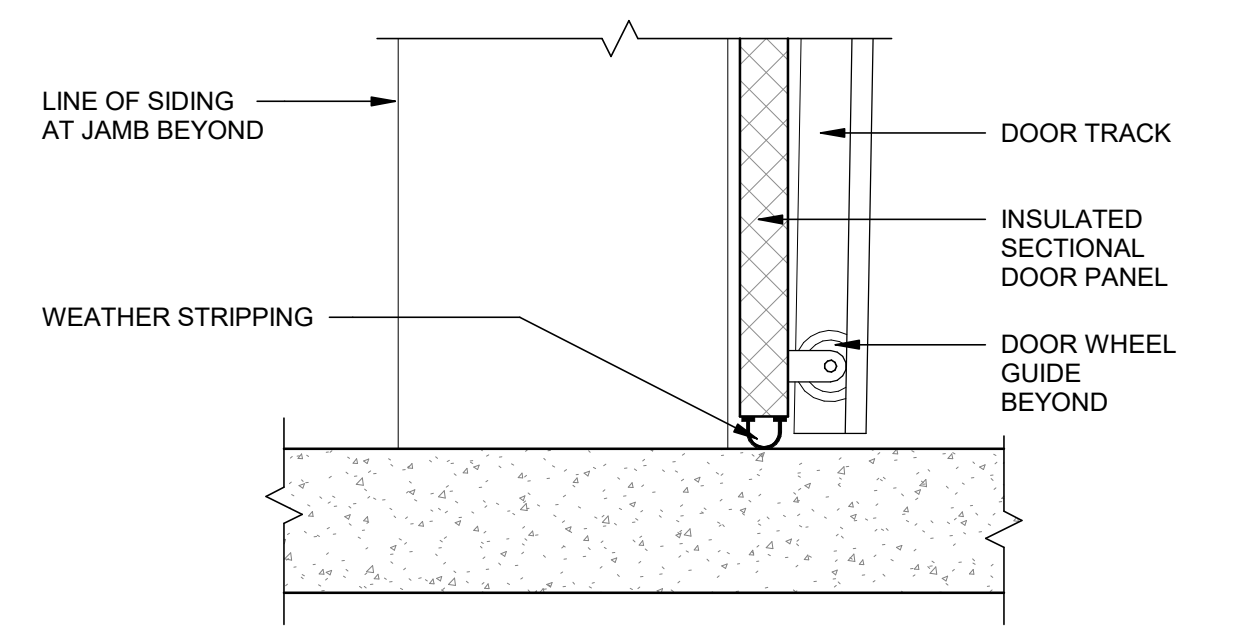
SIM AT PRE-CAST PANEL



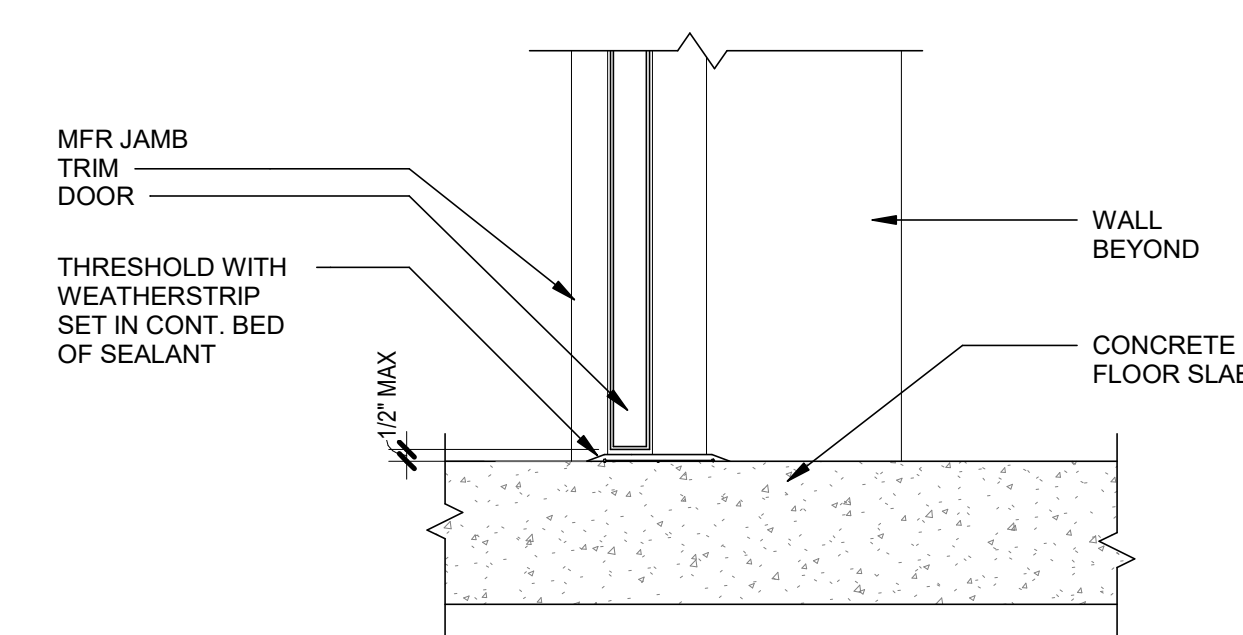
6 EXT. DOOR JAMB AT BOX RIB
3" = 1'-0"



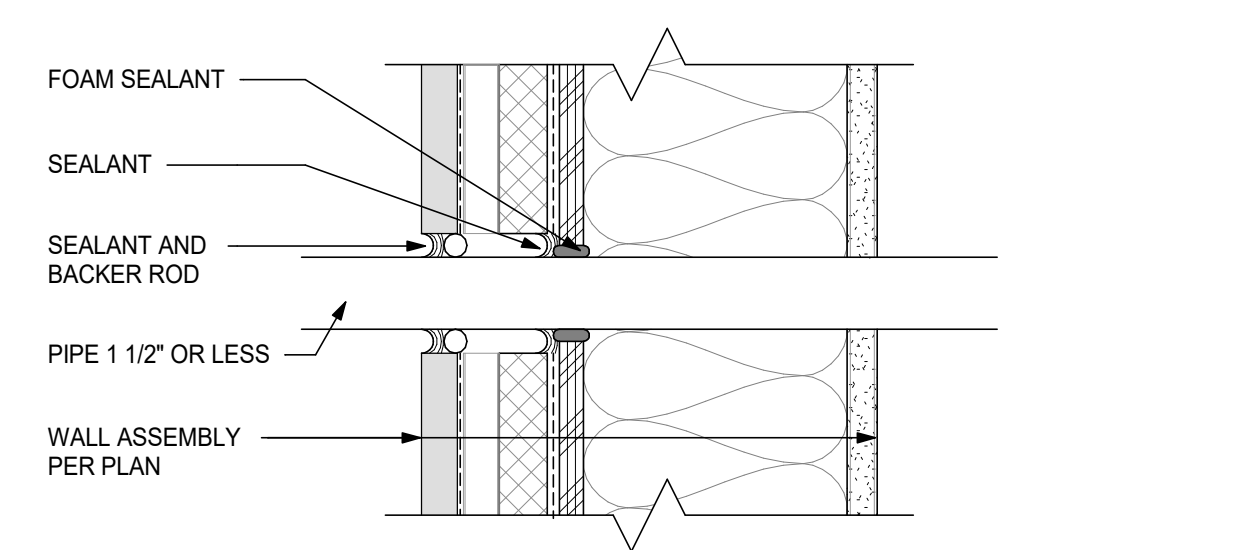
7 EXT. HM DOOR JAMB AT CEMENT BOARD
3" = 1'-0"



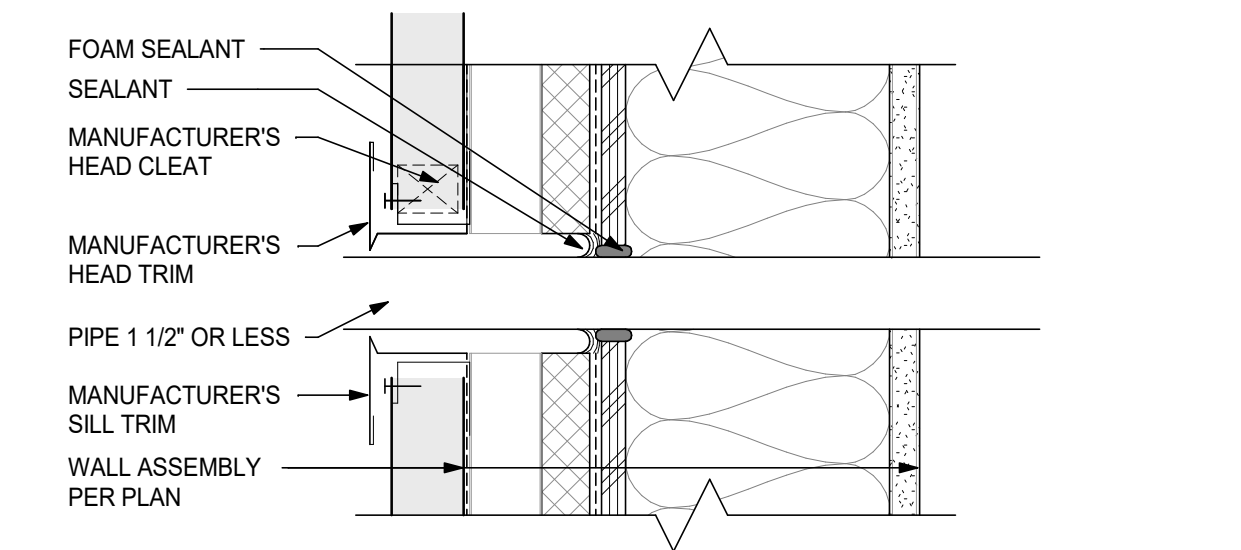
9 OH DOOR SILL
1 1/2" = 1'-0"



10 EXT. DOOR THRESHOLD
1 1/2" = 1'-0"



11 PENETRATION AT CEMENT BOARD
3" = 1'-0"



12 PENETRATION AT BOX RIB
3" = 1'-0"



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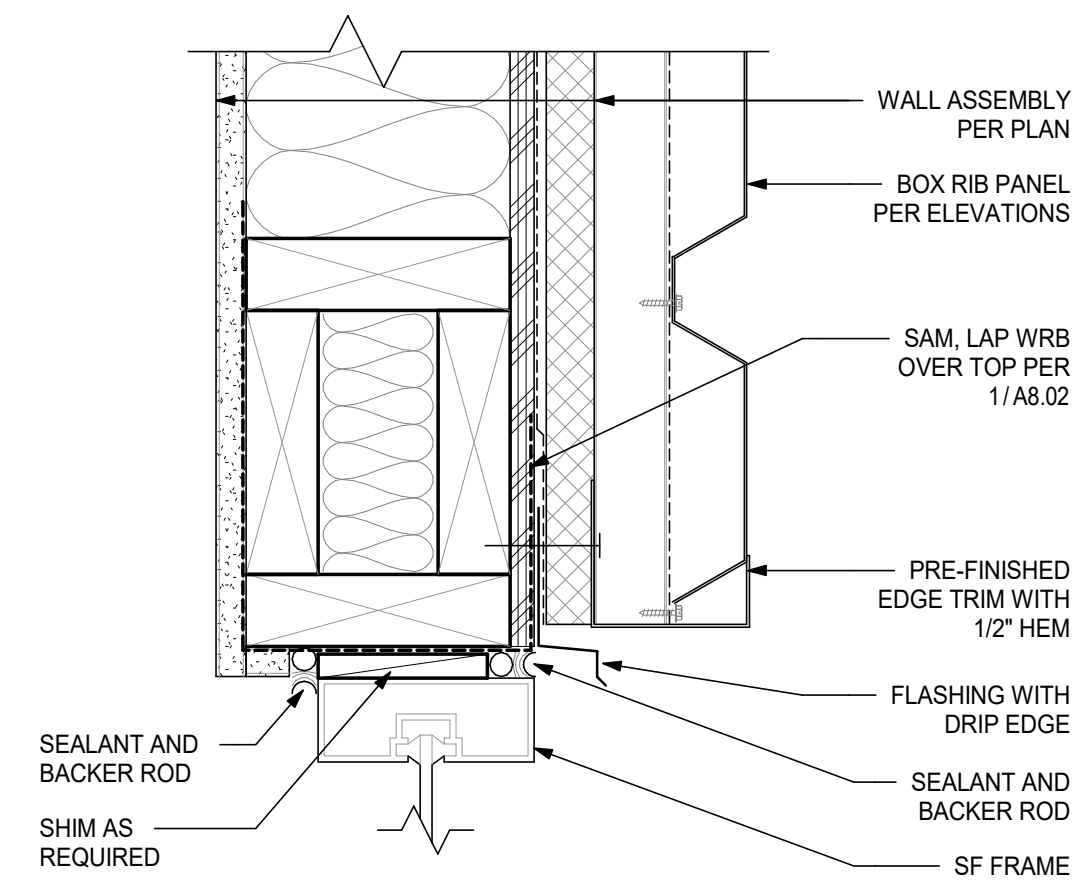
Date
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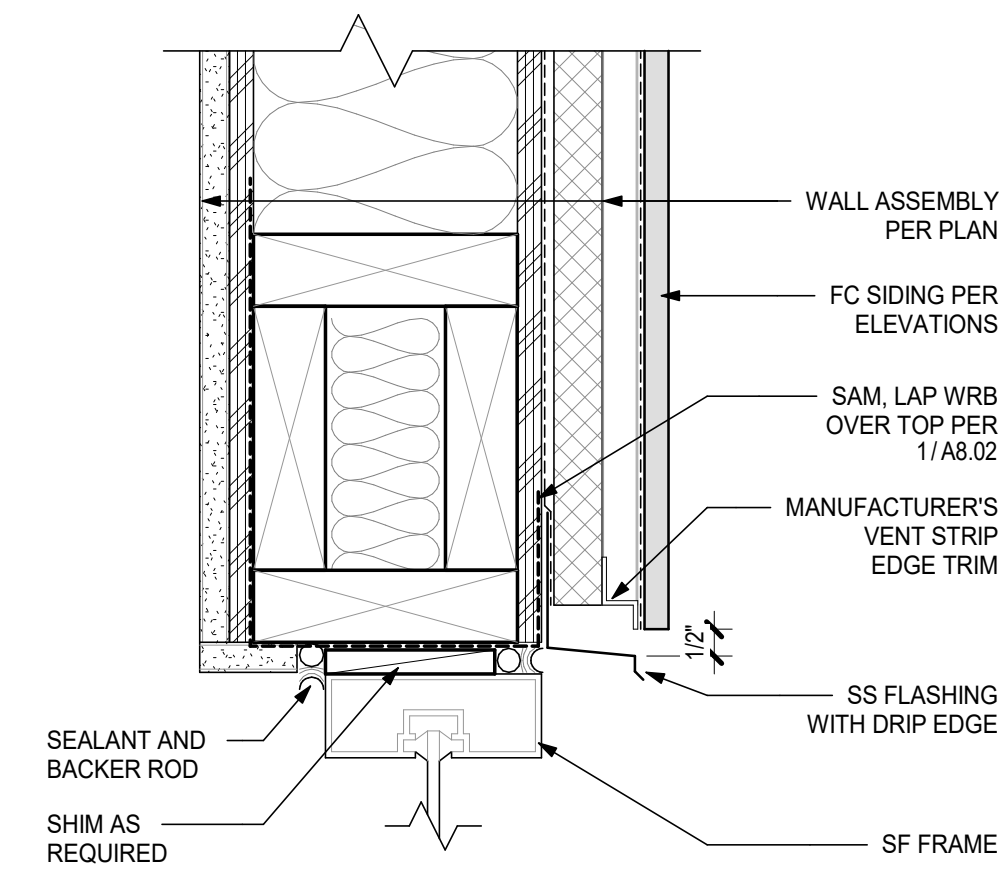
Drawing Title
EXTERIOR OPENING DETAILS

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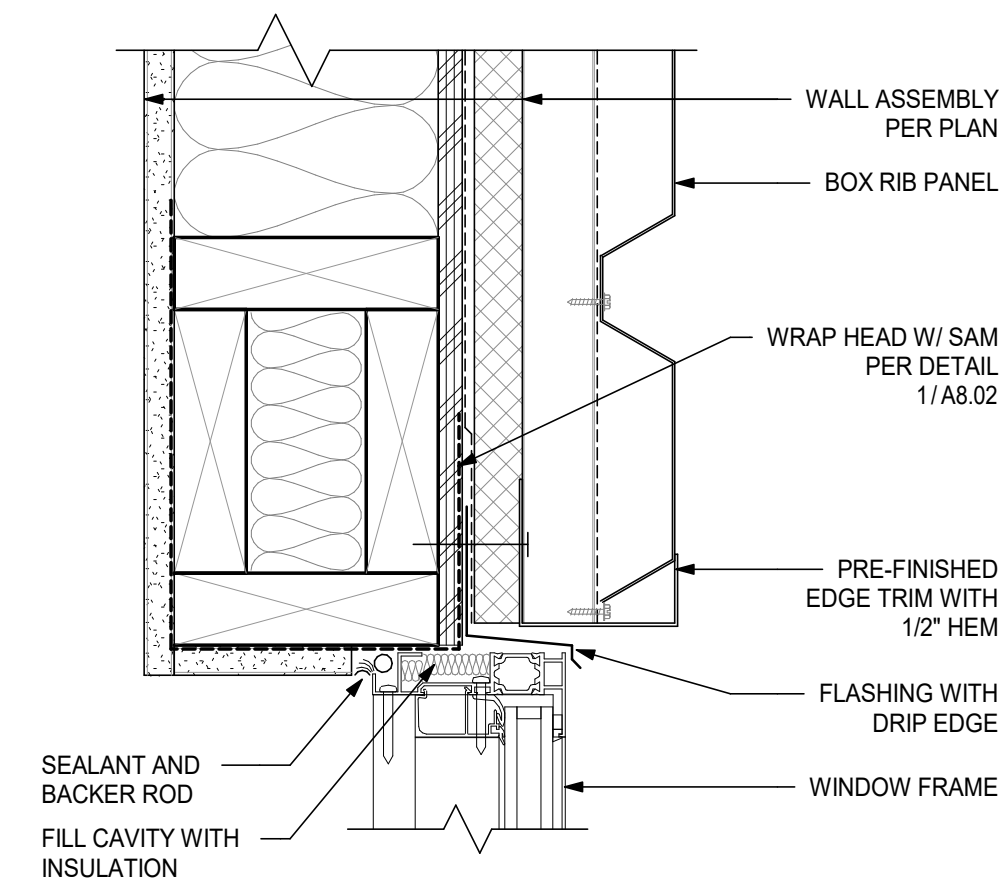
A8.13



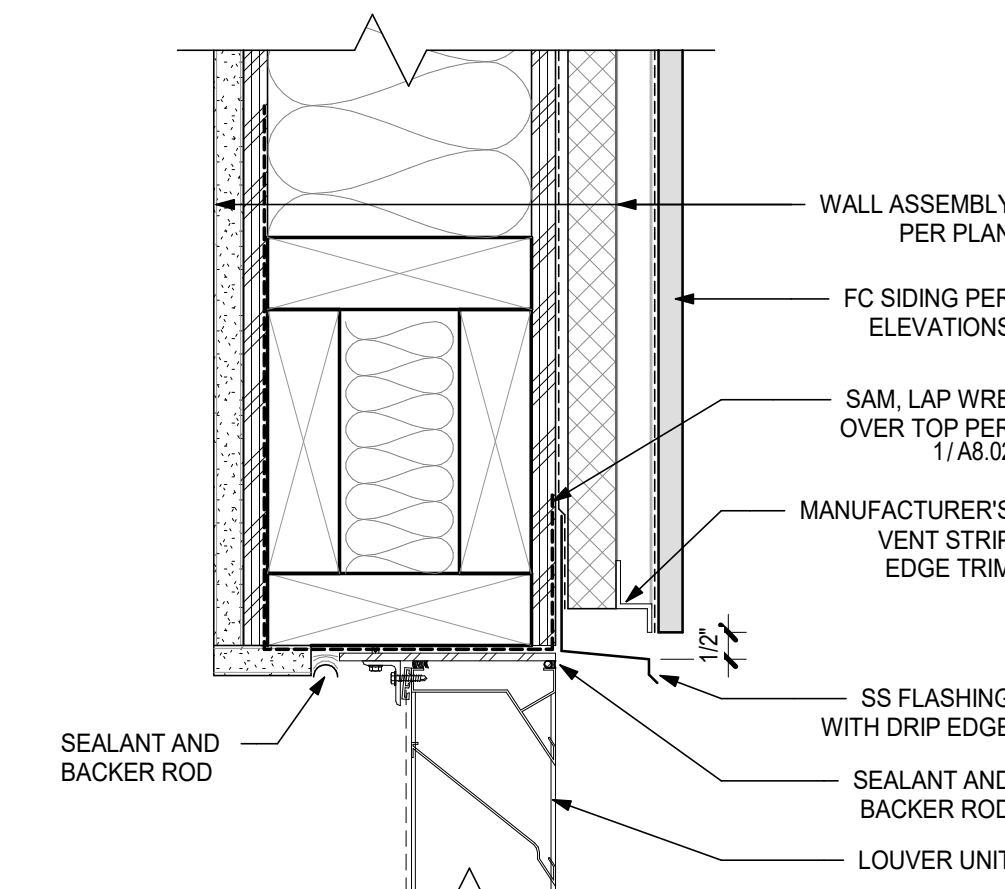
1 SF HEAD AT BOX RIB
3" = 1'-0"



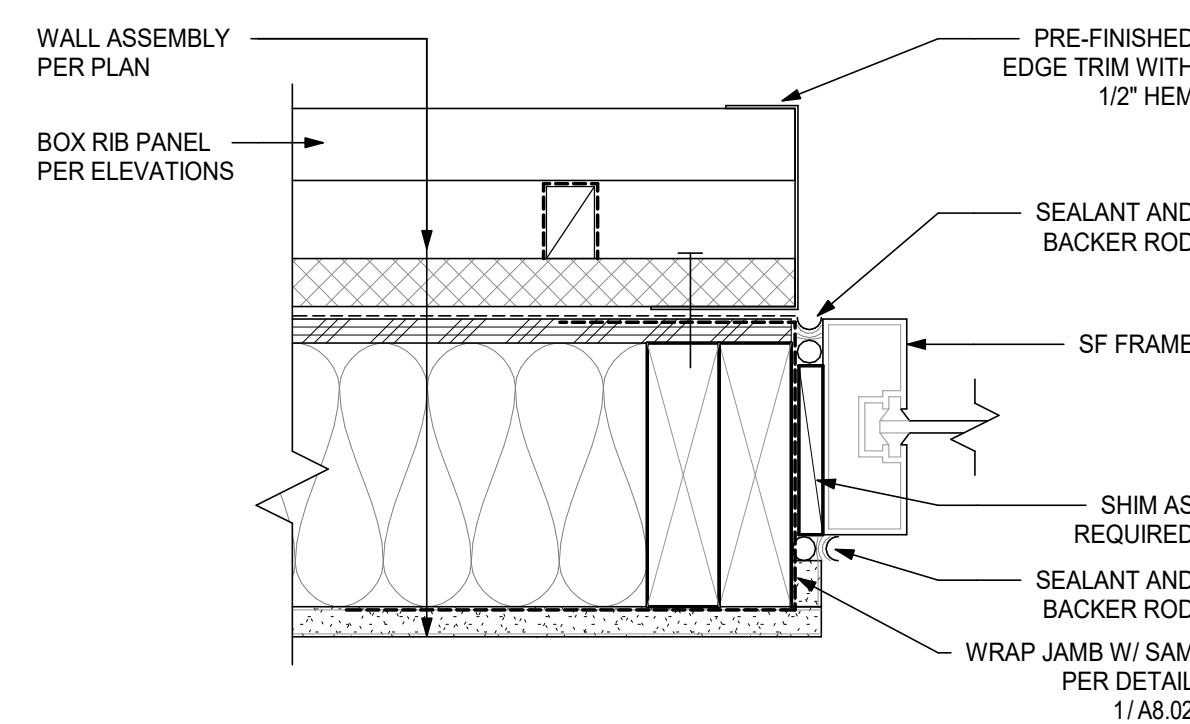
2 SF HEAD AT CEMENT BOARD
3" = 1'-0"



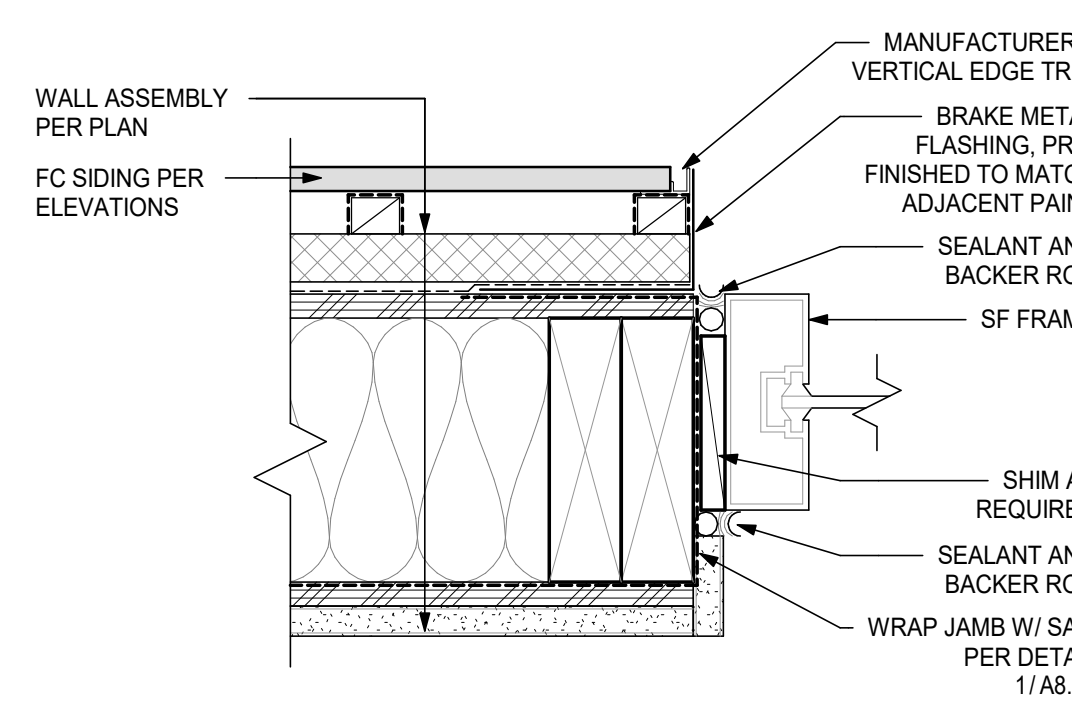
3 OPERABLE WINDOW HEAD
3" = 1'-0"



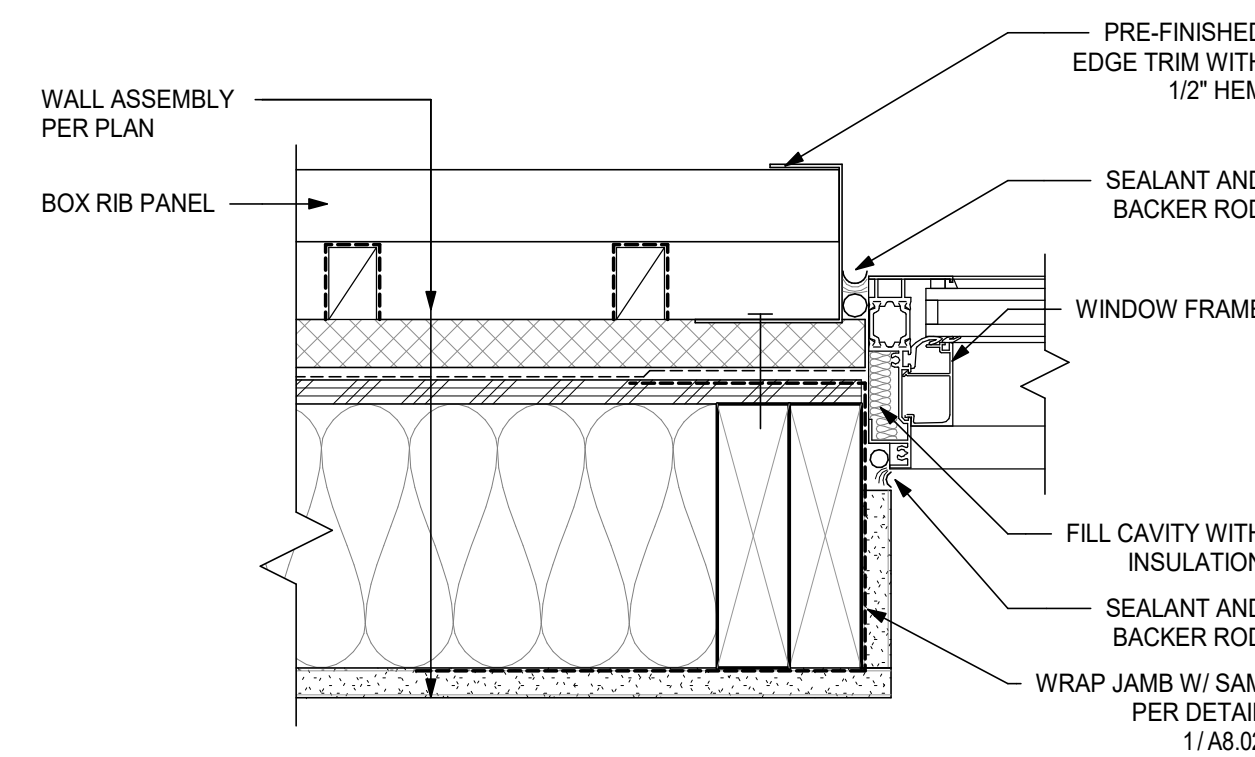
4 LOUVER HEAD
3" = 1'-0"



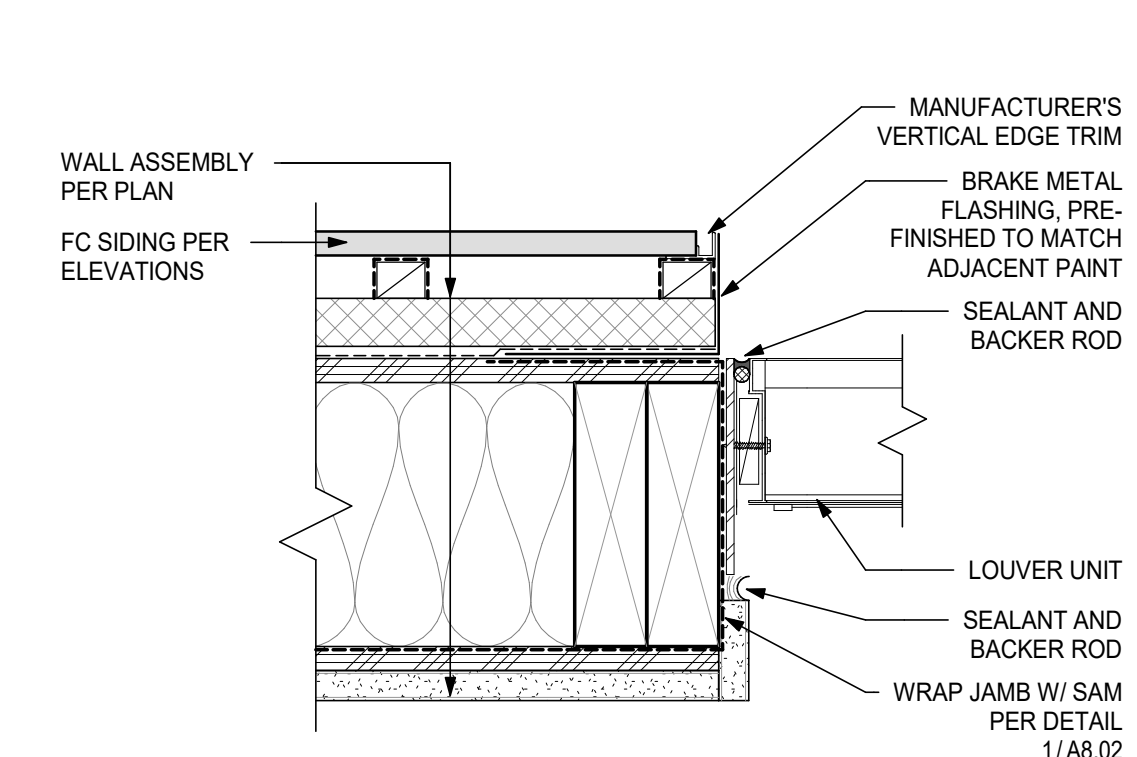
5 SF JAMB AT BOX RIB
3" = 1'-0"



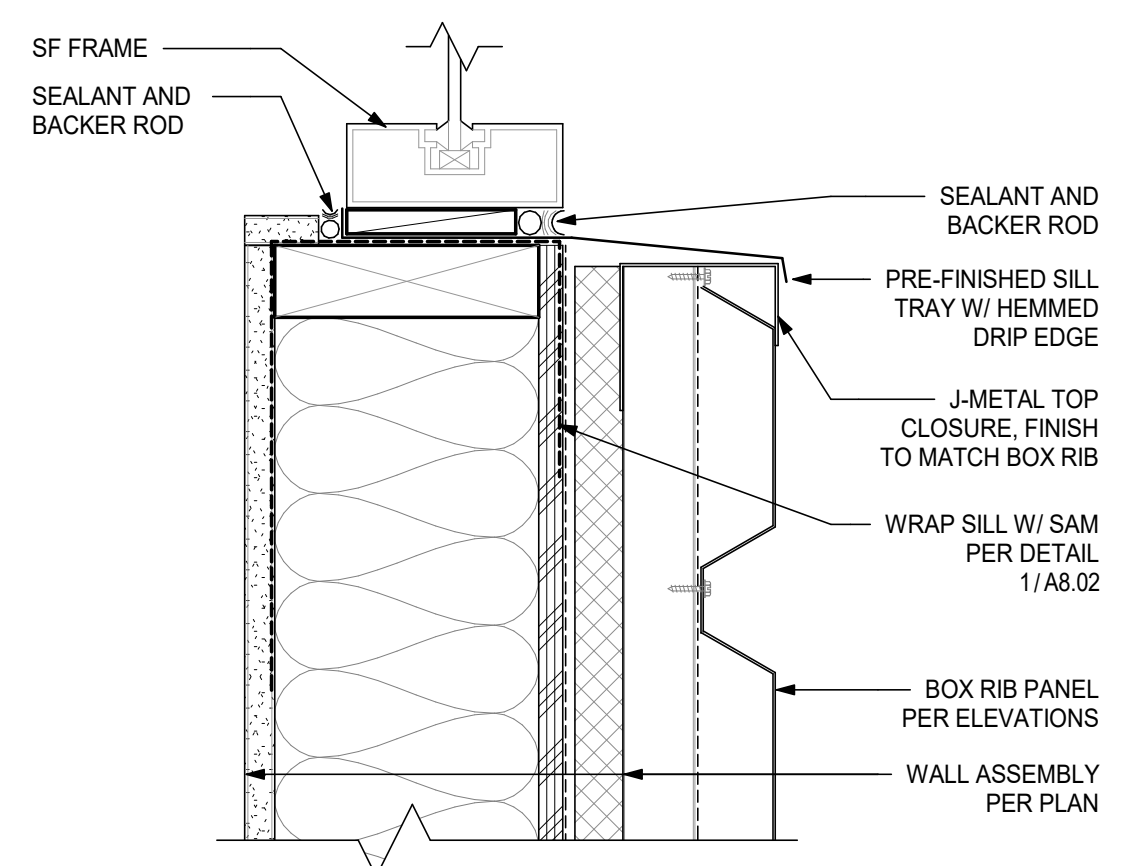
6 SF JAMB AT CEMENT BOARD
3" = 1'-0"



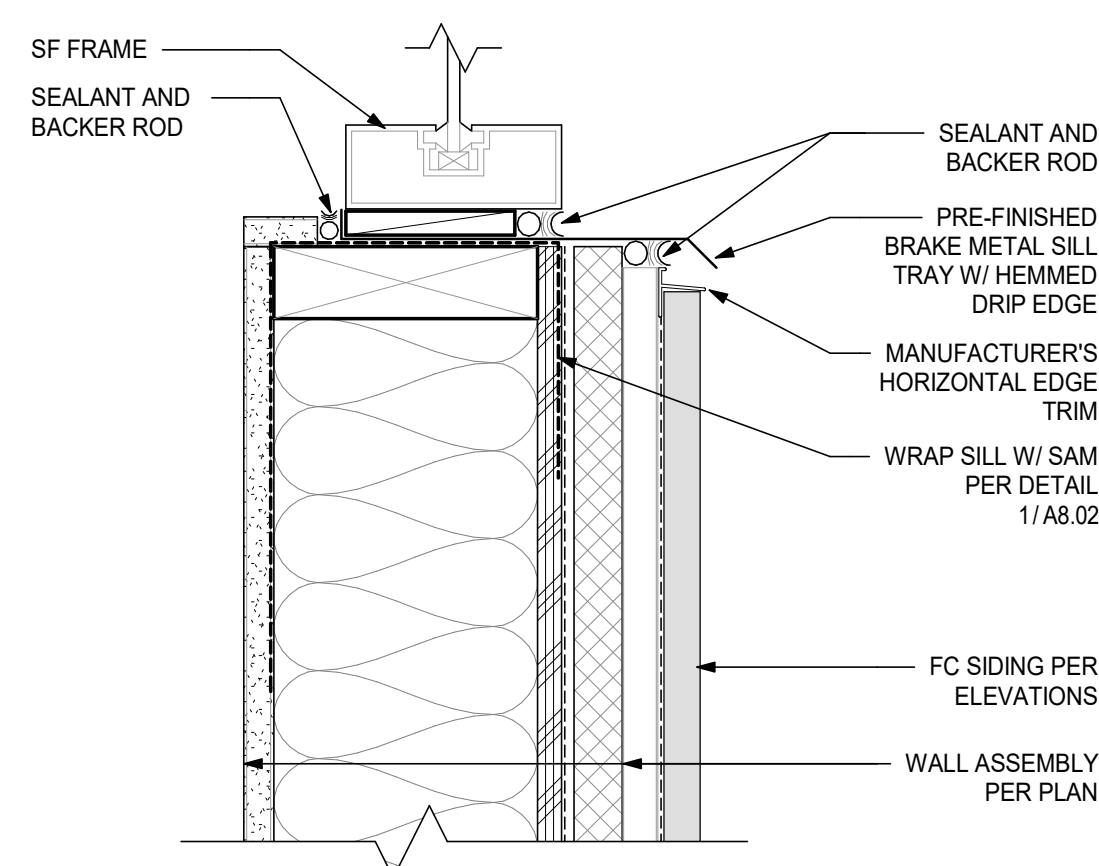
7 OPERABLE WINDOW JAMB
3" = 1'-0"



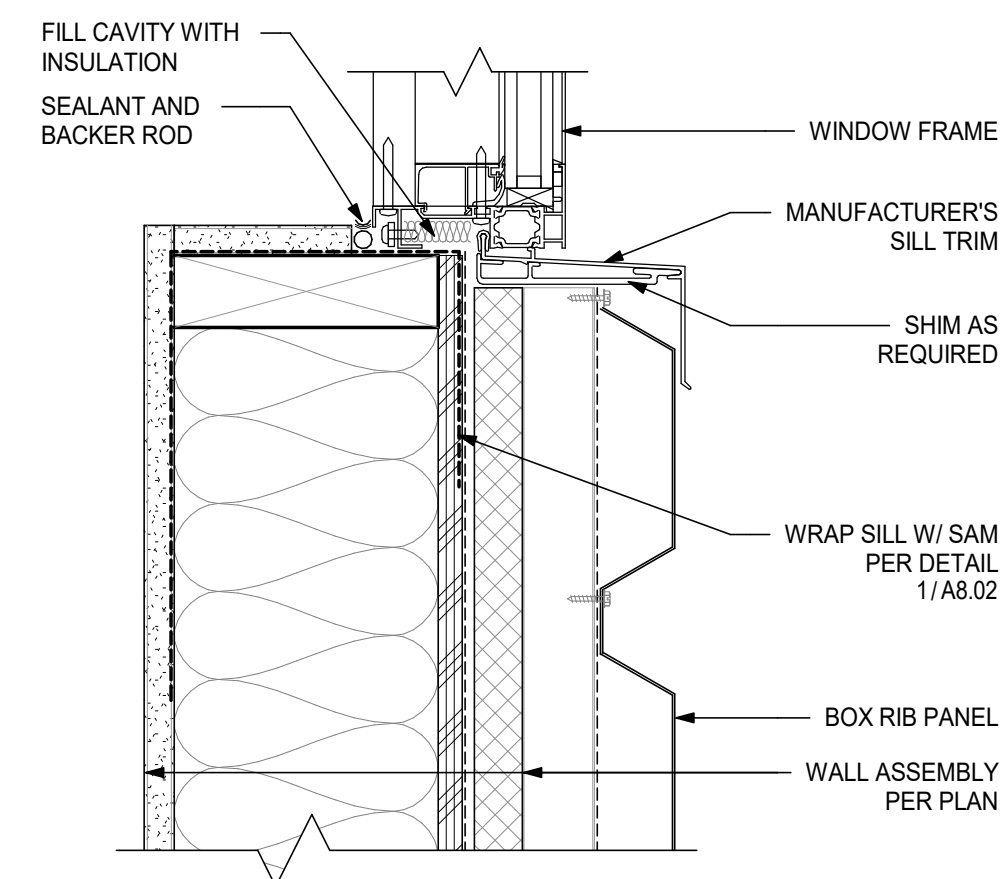
8 LOUVER JAMB
3" = 1'-0"



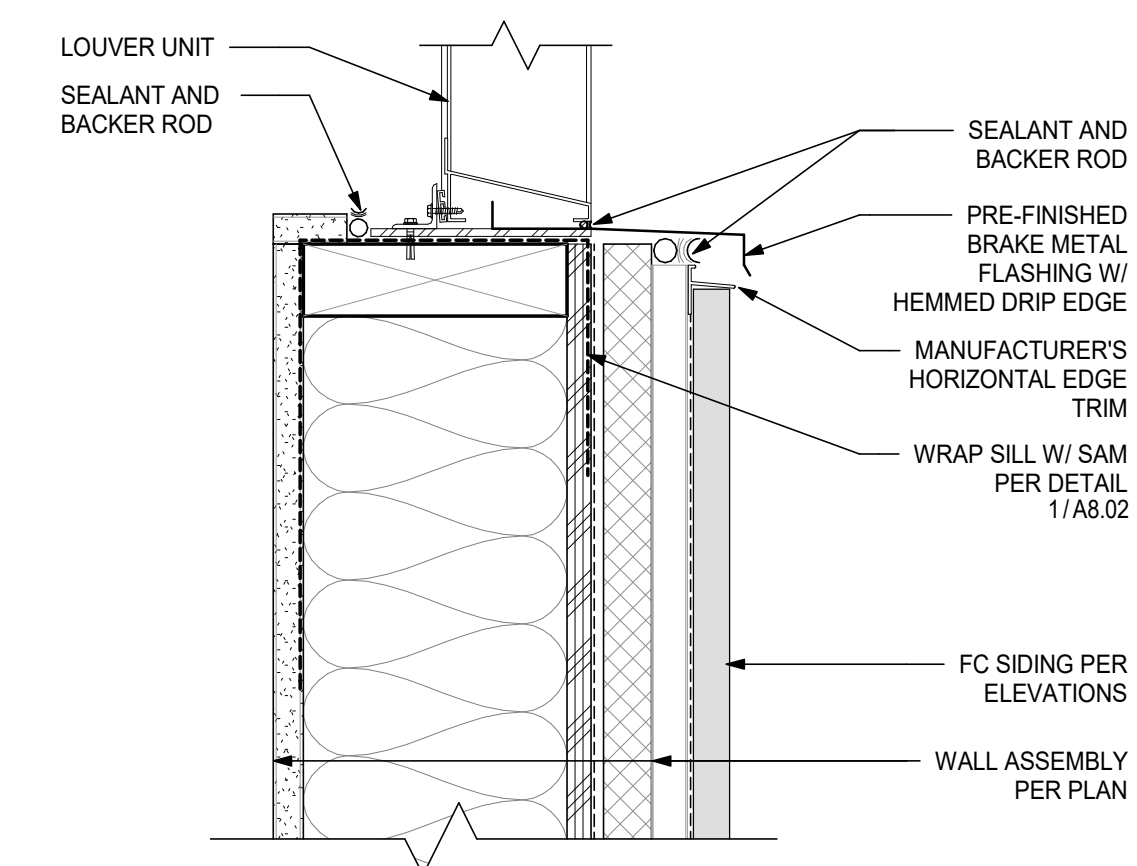
9 SF SILL AT BOX RIB
3" = 1'-0"



10 SF SILL AT CEMENT BOARD
3" = 1'-0"



11 OPERABLE WINDOW SILL
3" = 1'-0"



12 LOUVER SILL
3" = 1'-0"

Millersburg Fire Station 15
3215 Transition Parkway
Albany, OR 97321



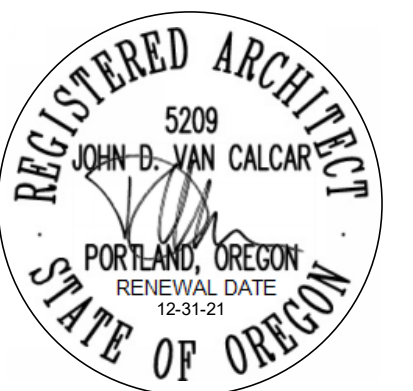
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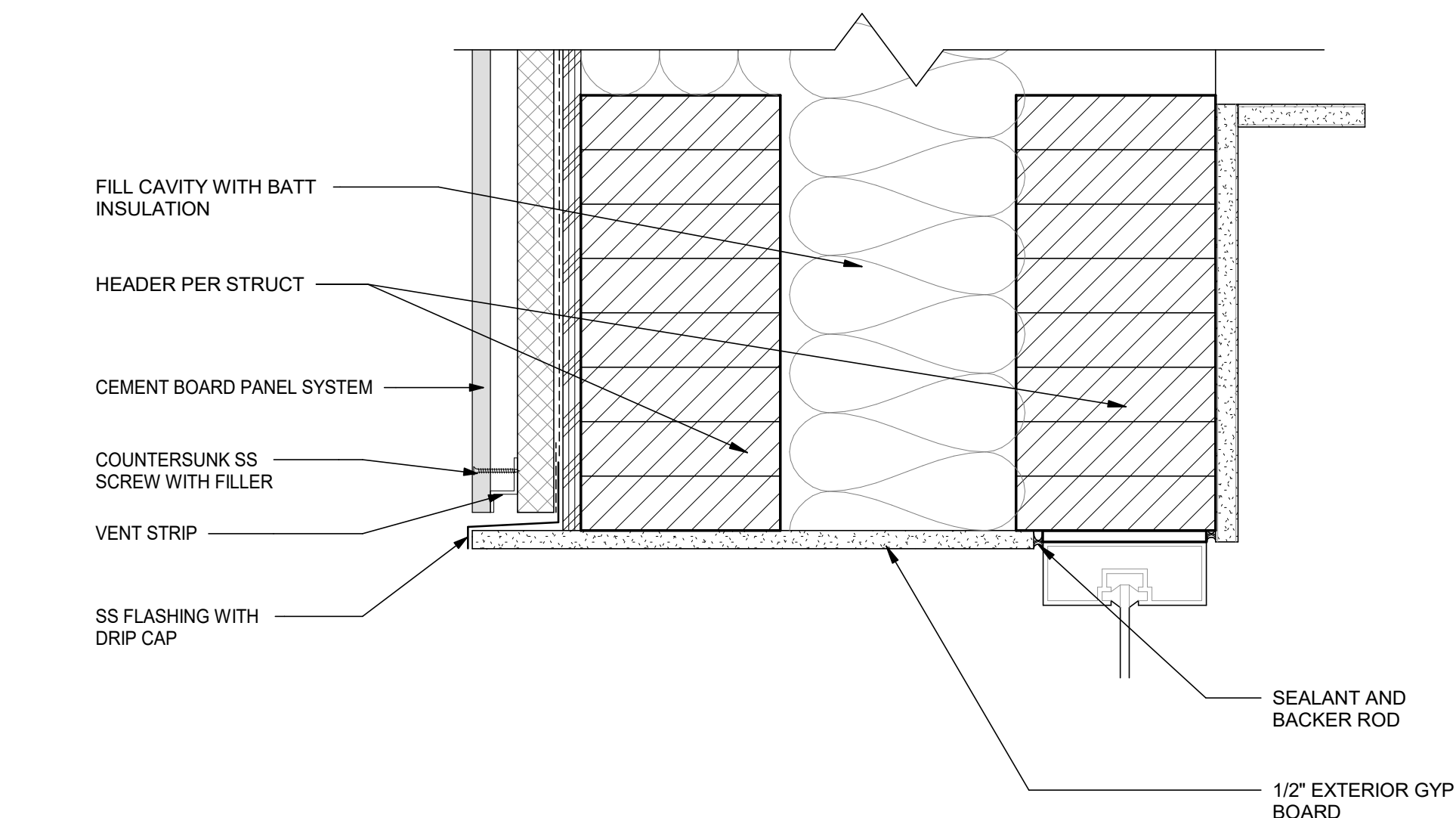
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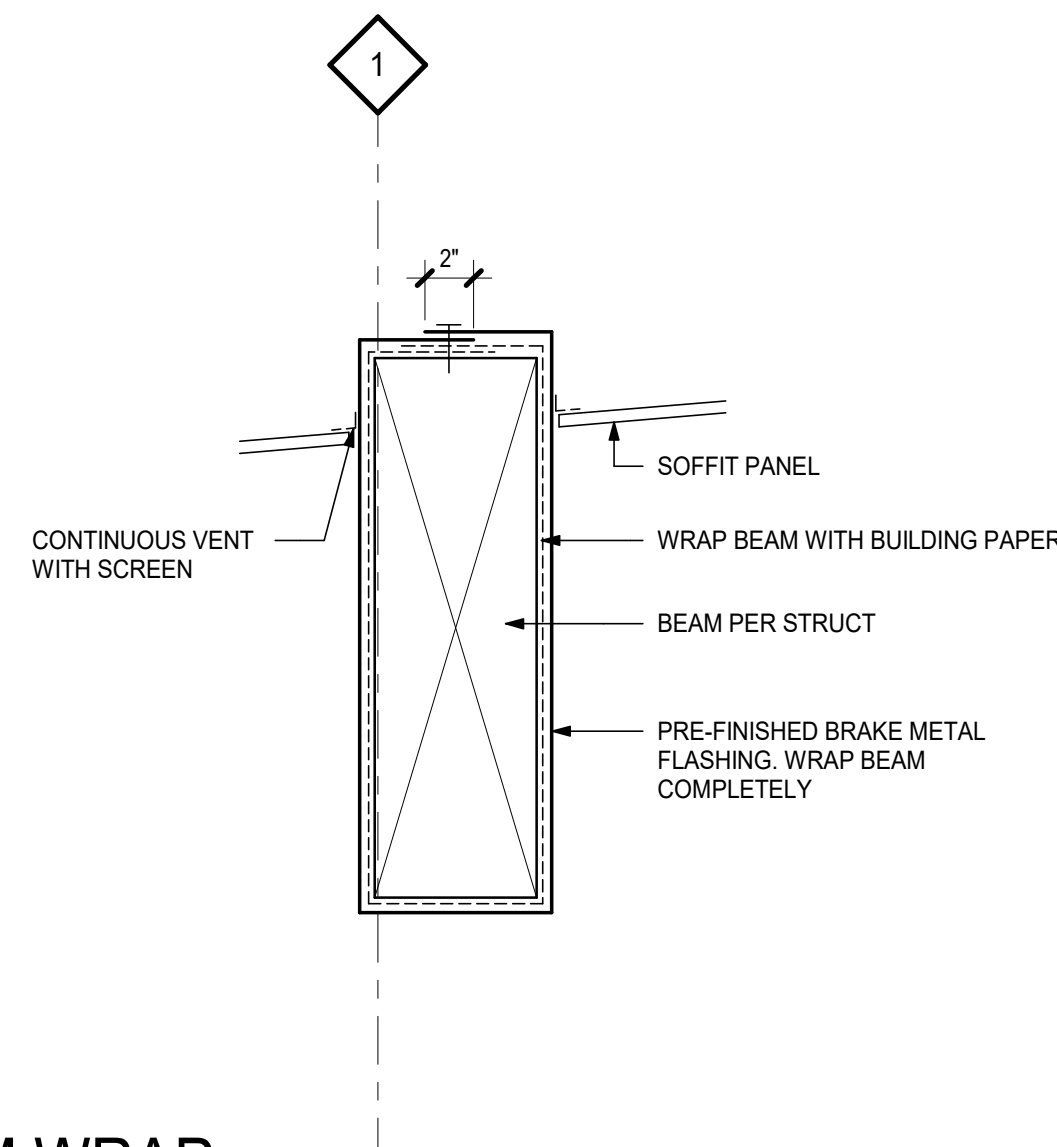
ENTRY DETAILS

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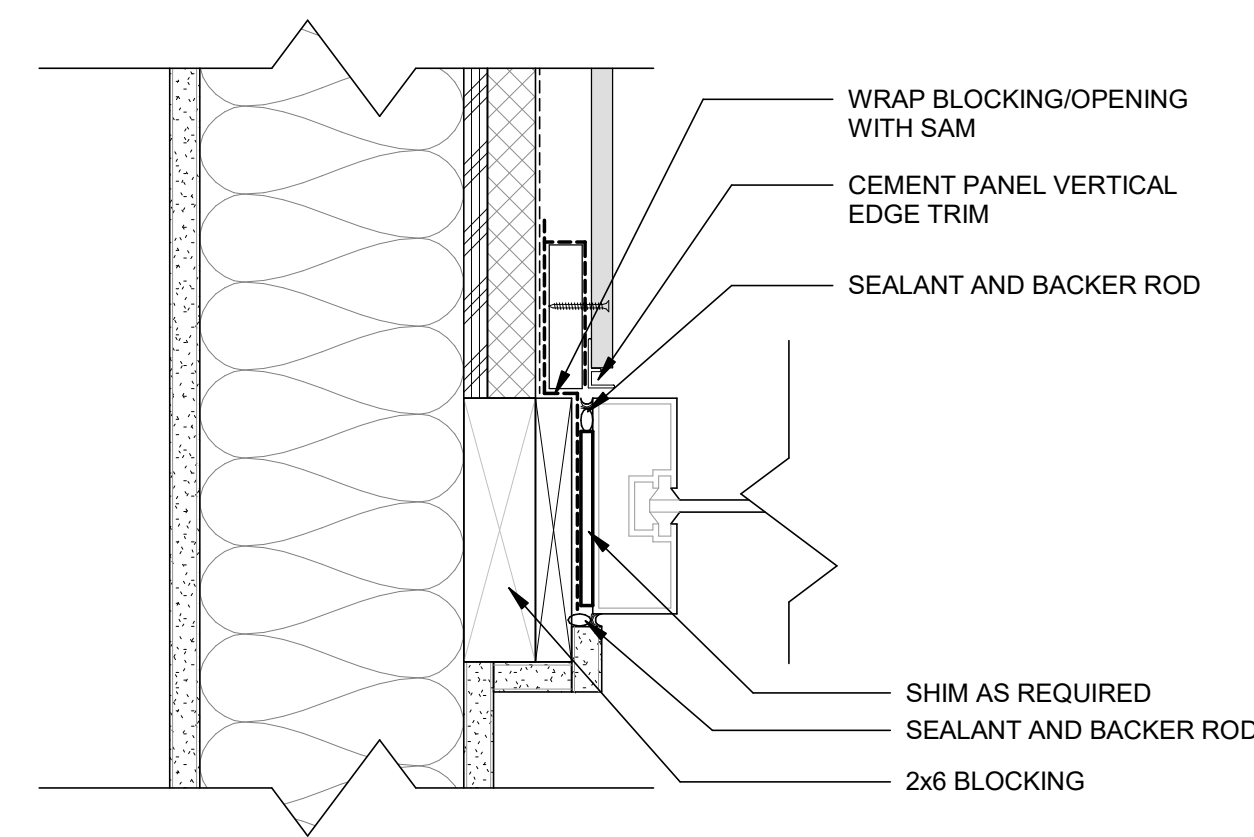
A8.14



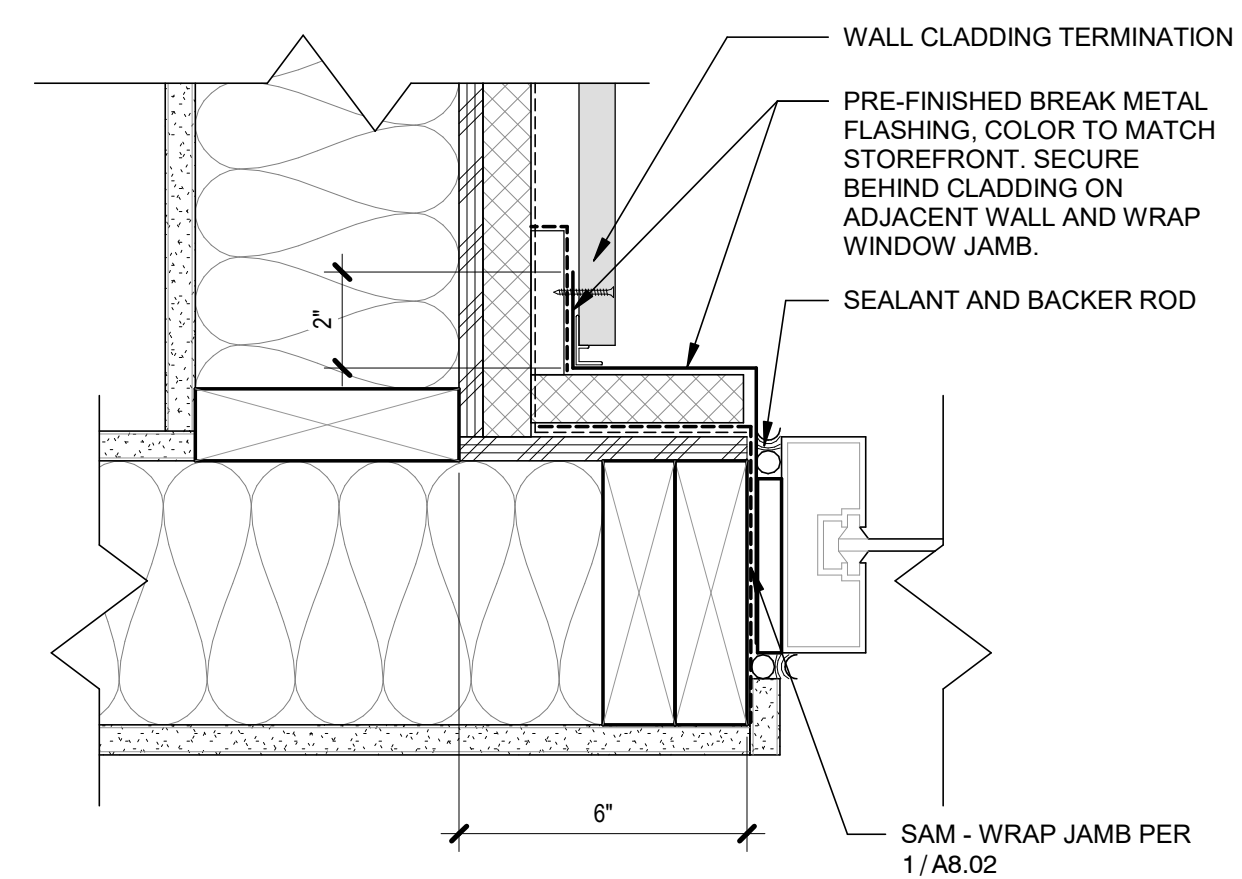
1 SF HEAD AT RECESSED ENTRY
3" = 1'-0"



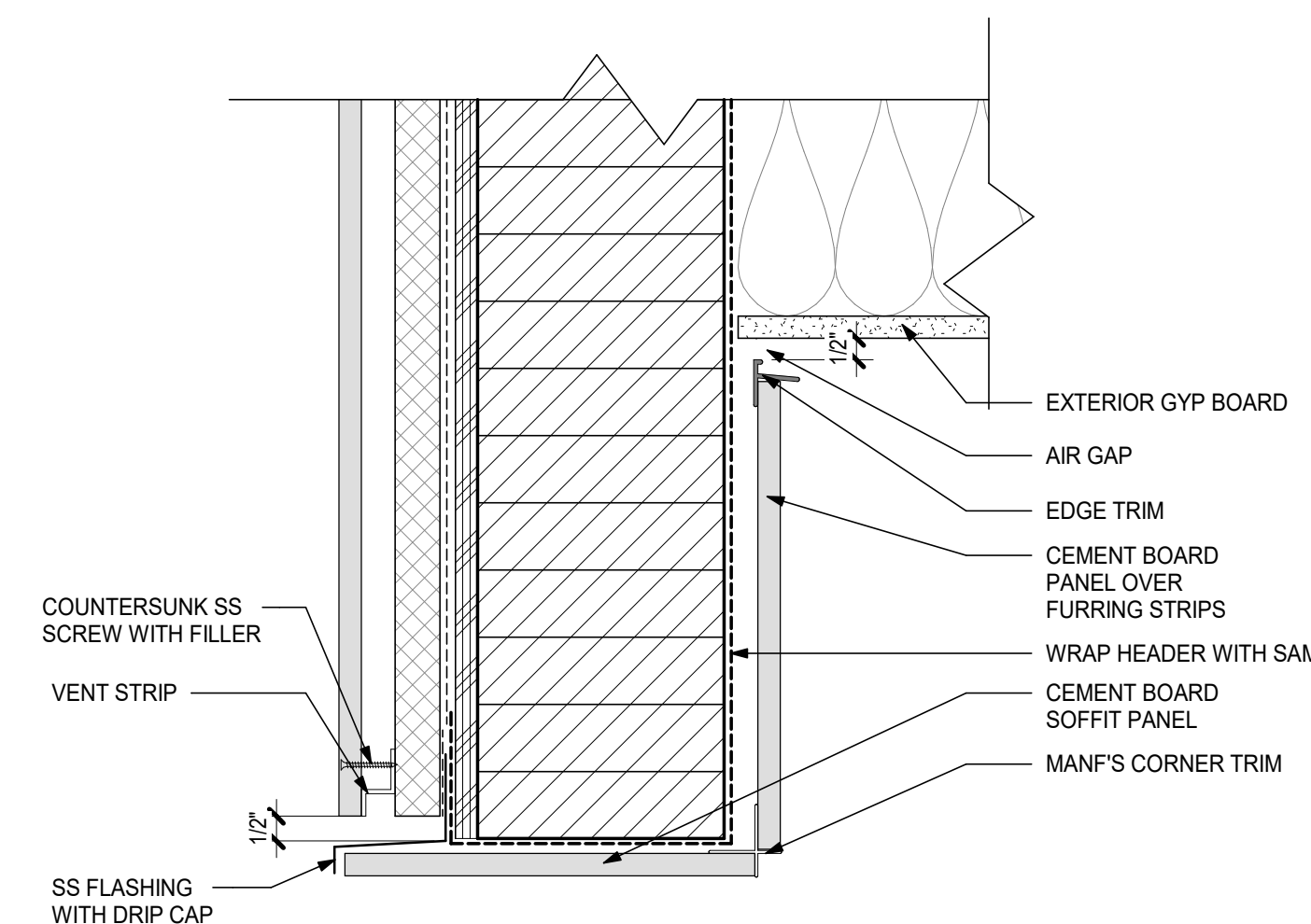
3 BEAM WRAP
1 1/2" = 1'-0"



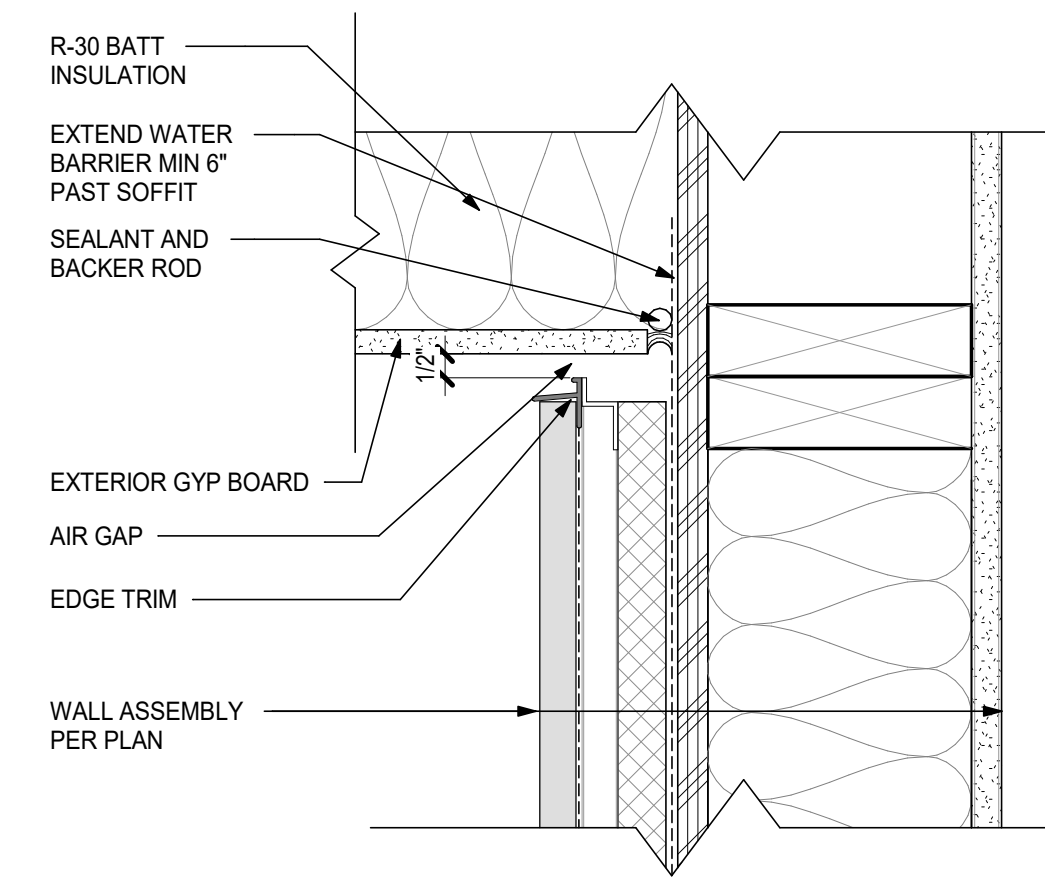
5 SF JAMB AT RECESSED ENTRY
3" = 1'-0"



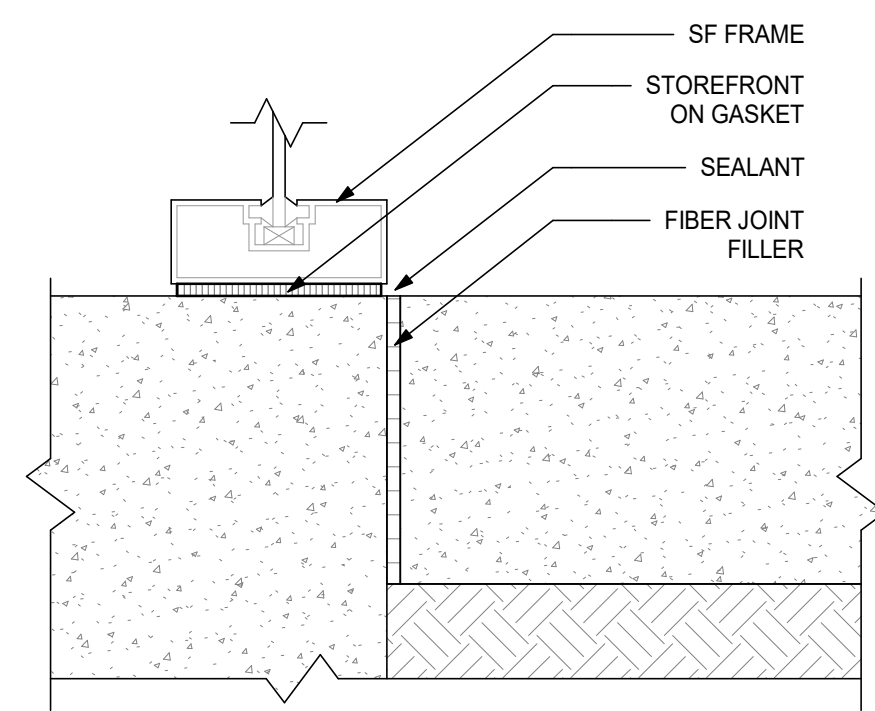
6 WINDOW AT WALL CORNER
3" = 1'-0"



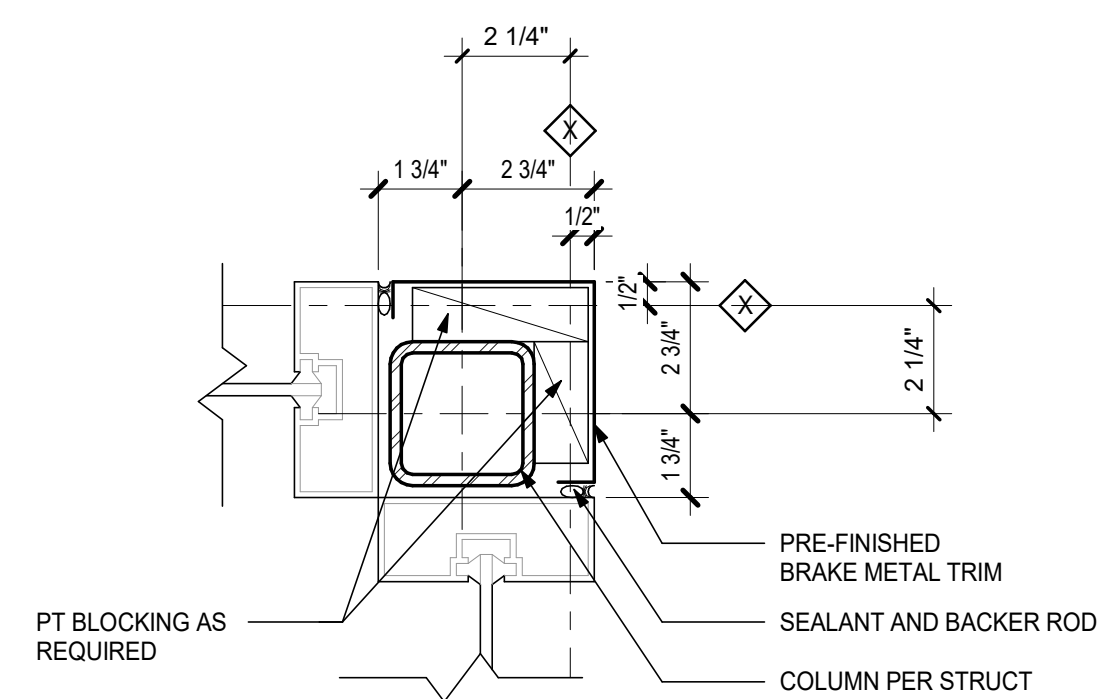
7 COVERED PATIO - OUTSIDE EDGE
3" = 1'-0"



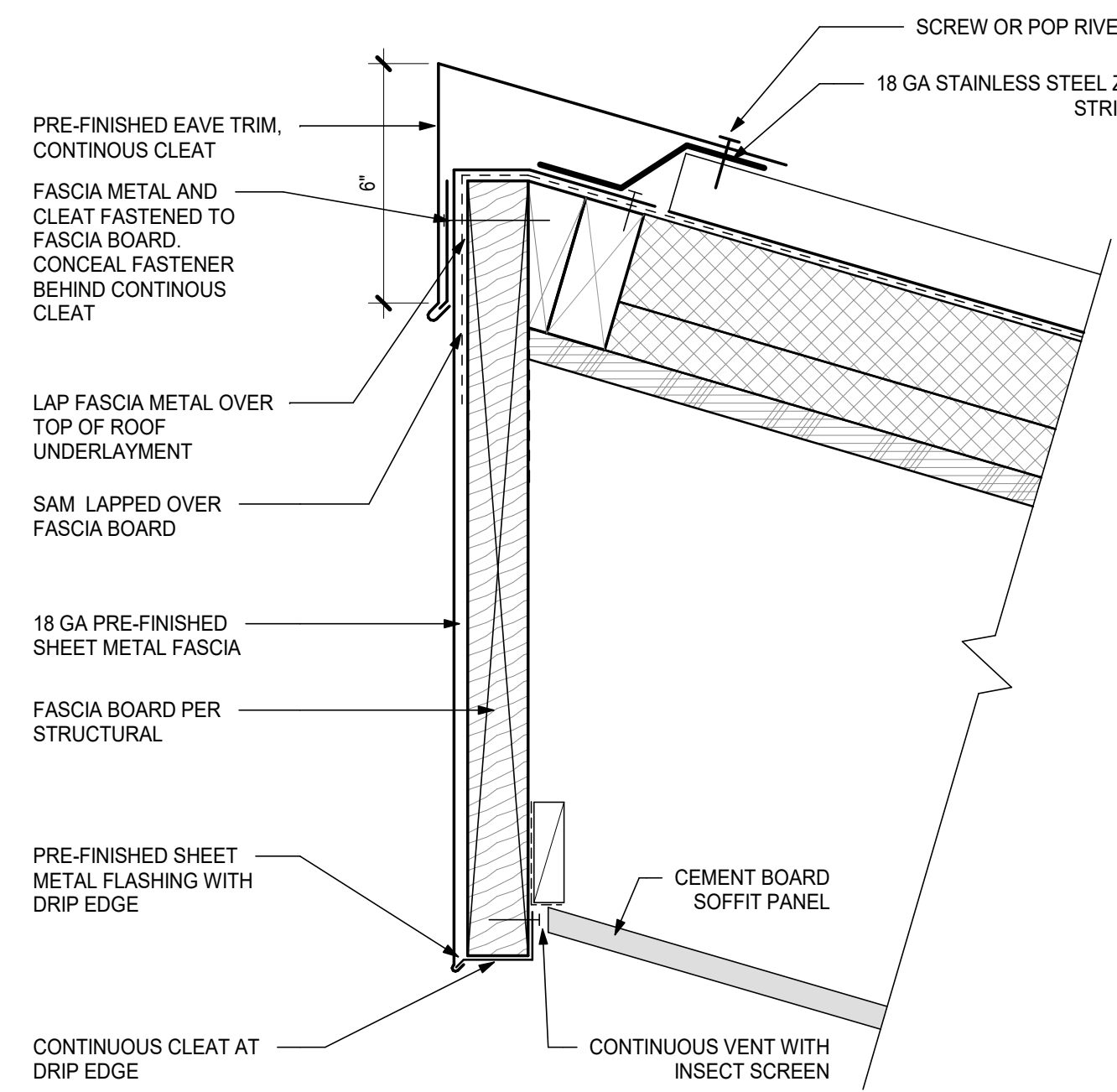
8 COVERED PATIO - INSIDE EDGE
3" = 1'-0"



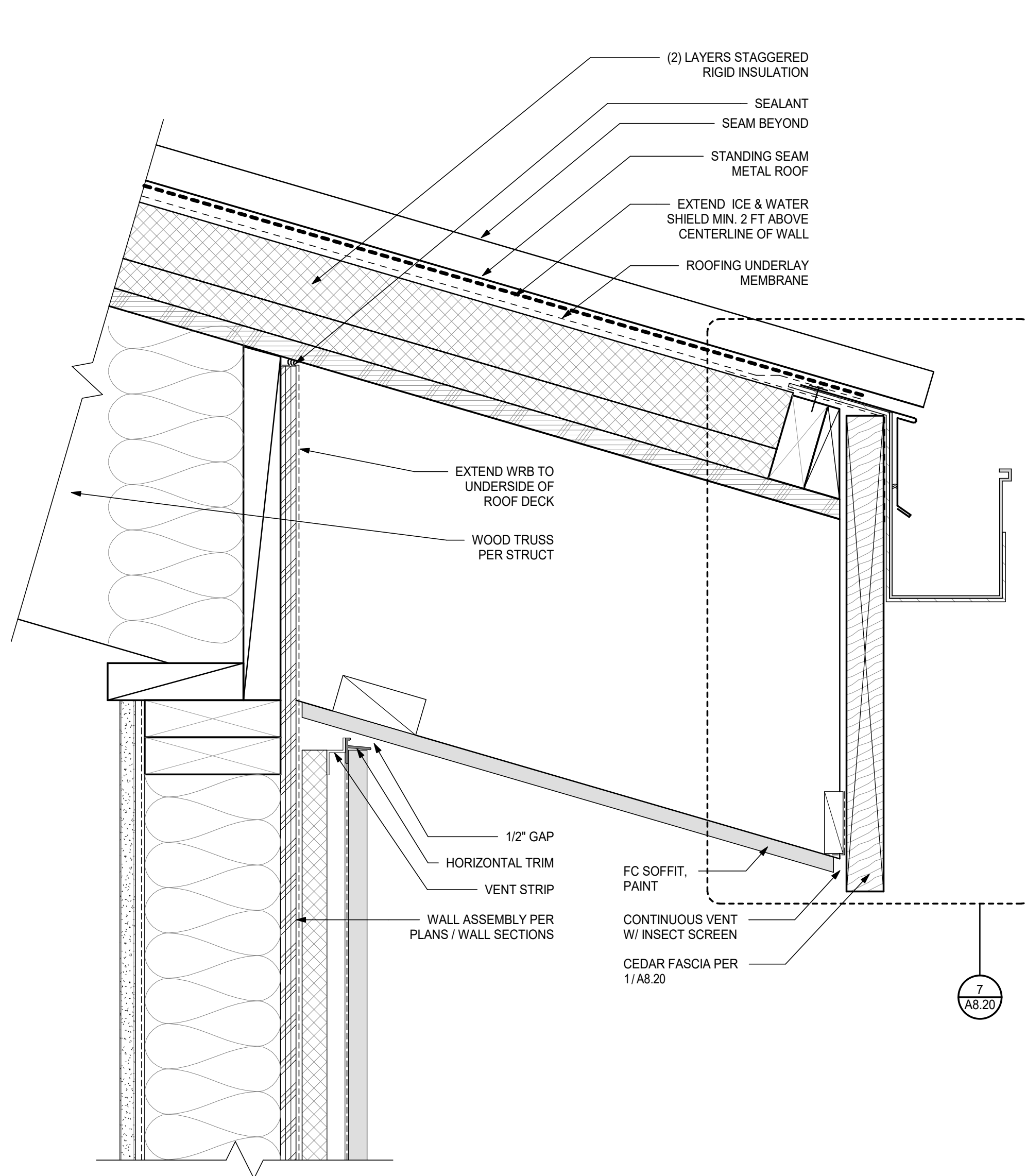
9 SF SILL
3" = 1'-0"



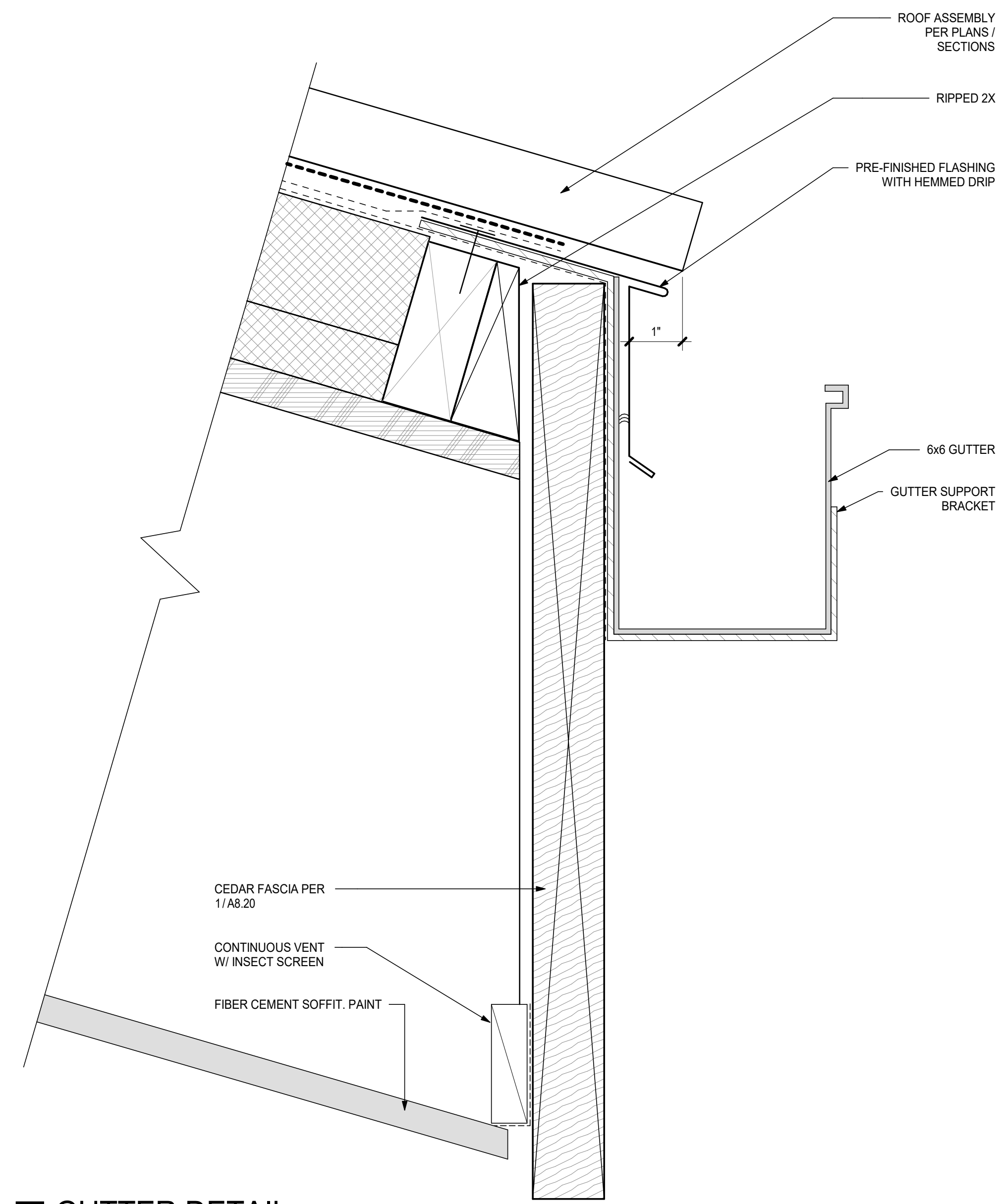
10 SF COLUMN COVER
3" = 1'-0"



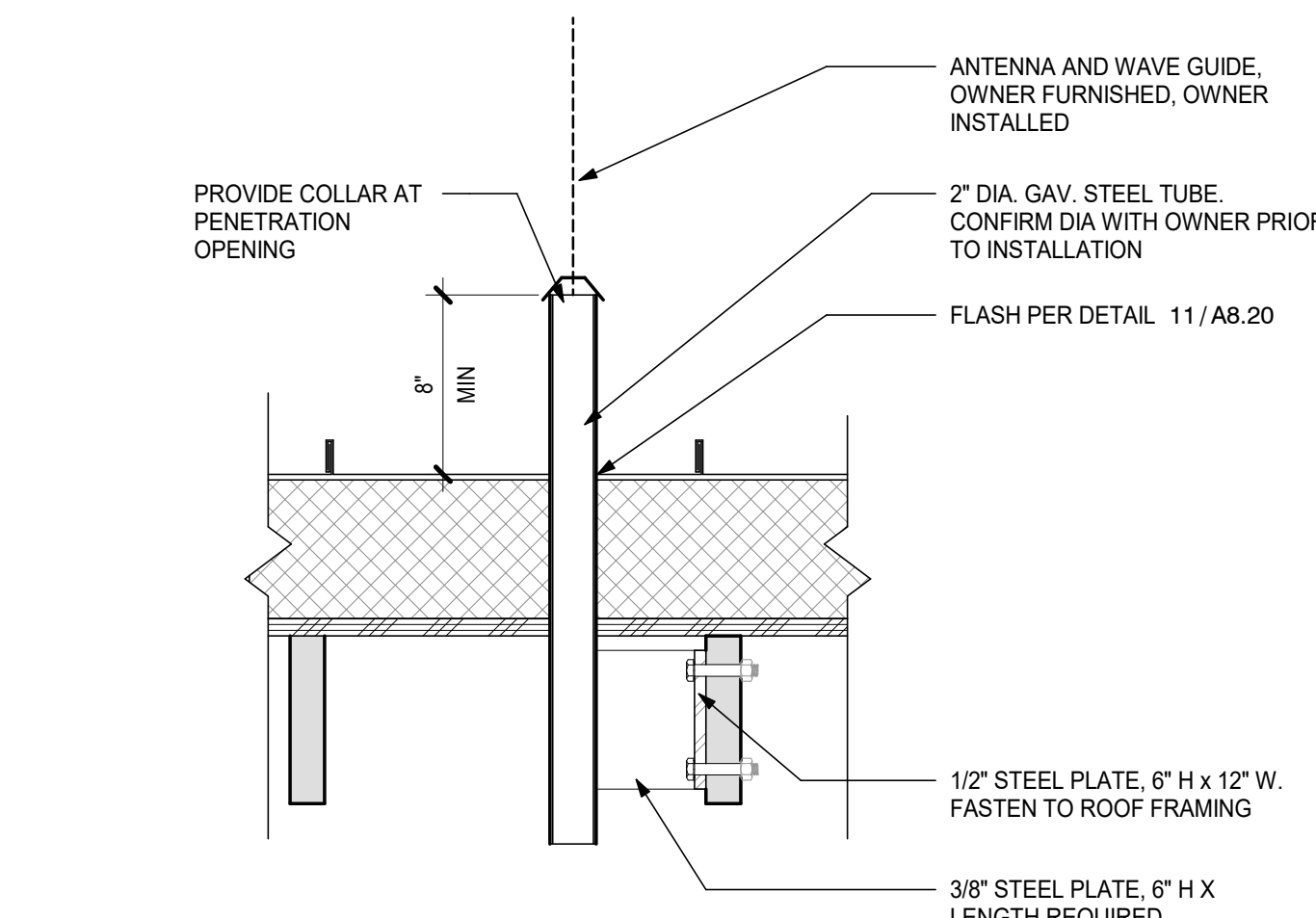
1 ROOF HIGH EDGE
3" = 1'-0"



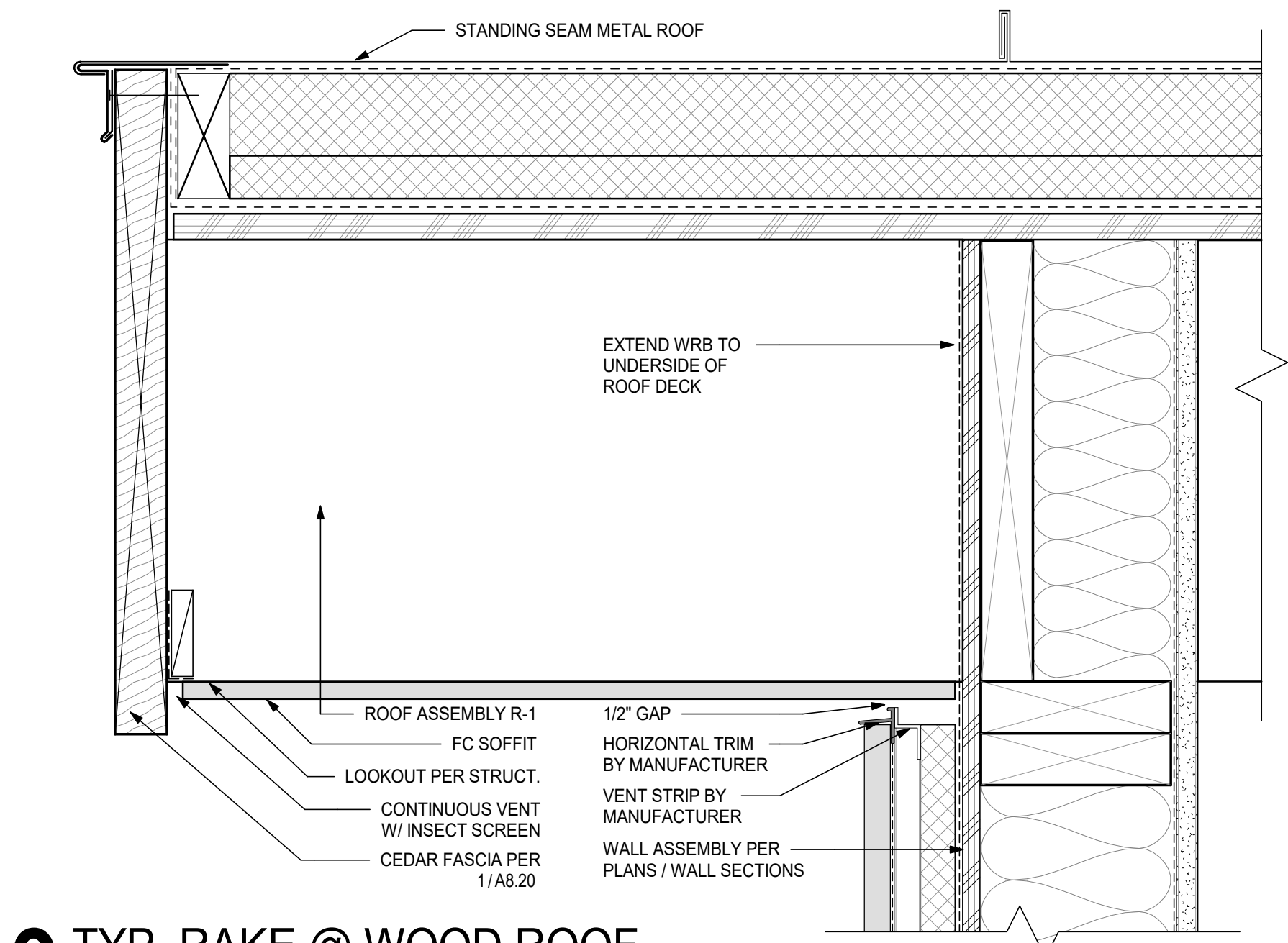
6 EAVE @ WOOD ROOF
3" = 1'-0"



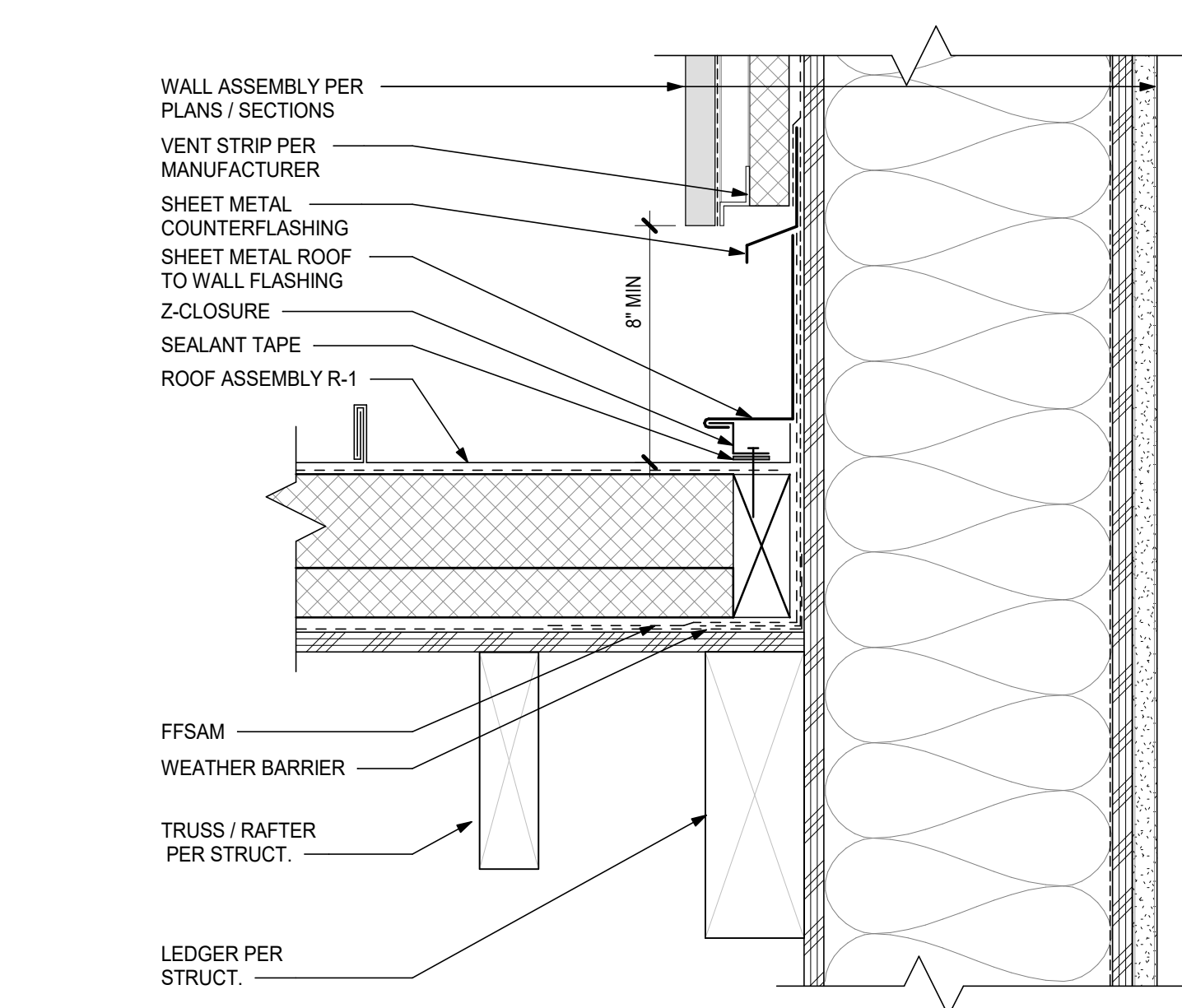
7 GUTTER DETAIL
6" = 1'-0"



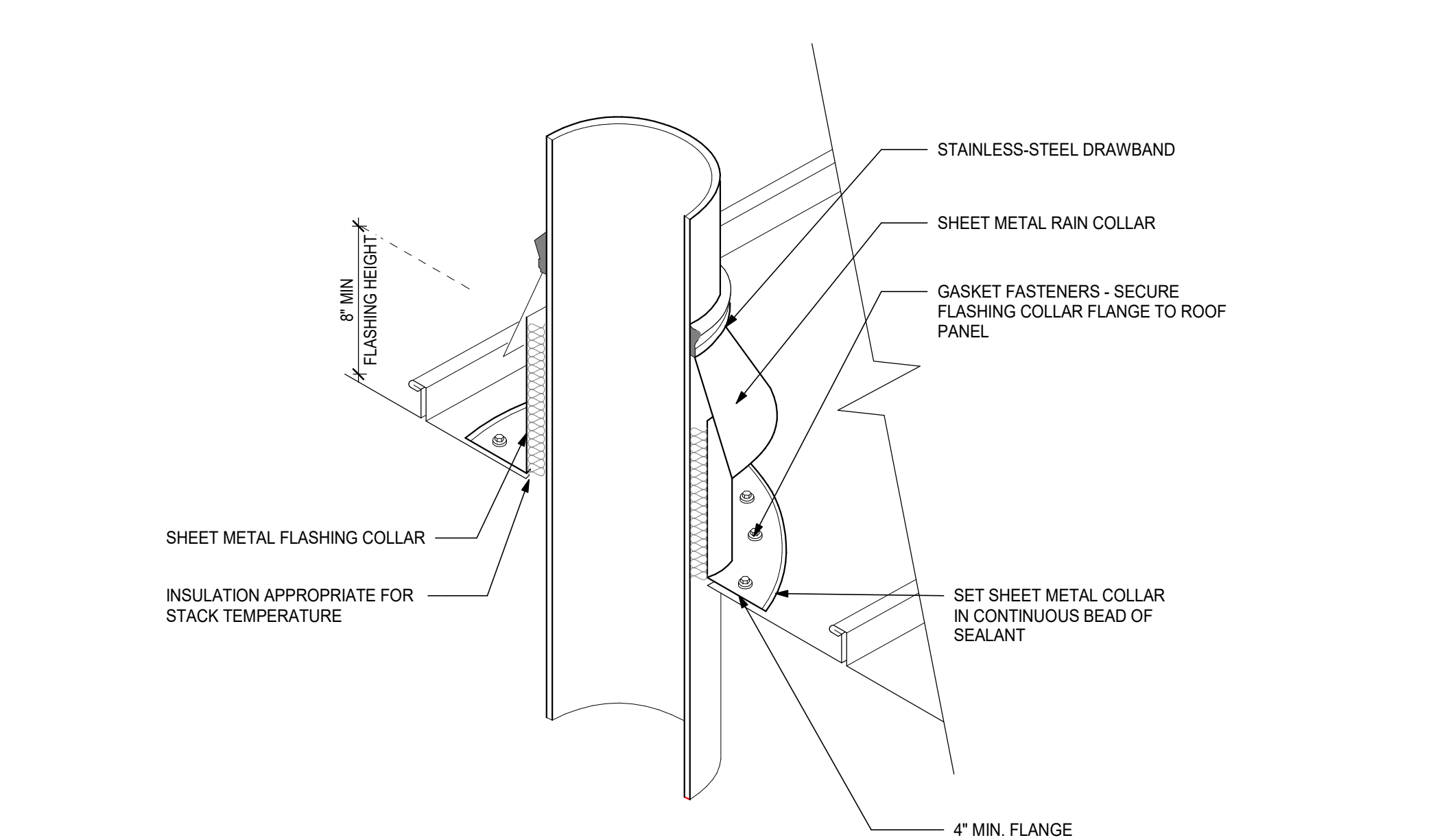
5 ANTENNA MOUNT
1 1/2" = 1'-0"



9 TYP. RAKE @ WOOD ROOF
3" = 1'-0"



10 ROOF TO SIDE-WALL TRANSITION
3" = 1'-0"

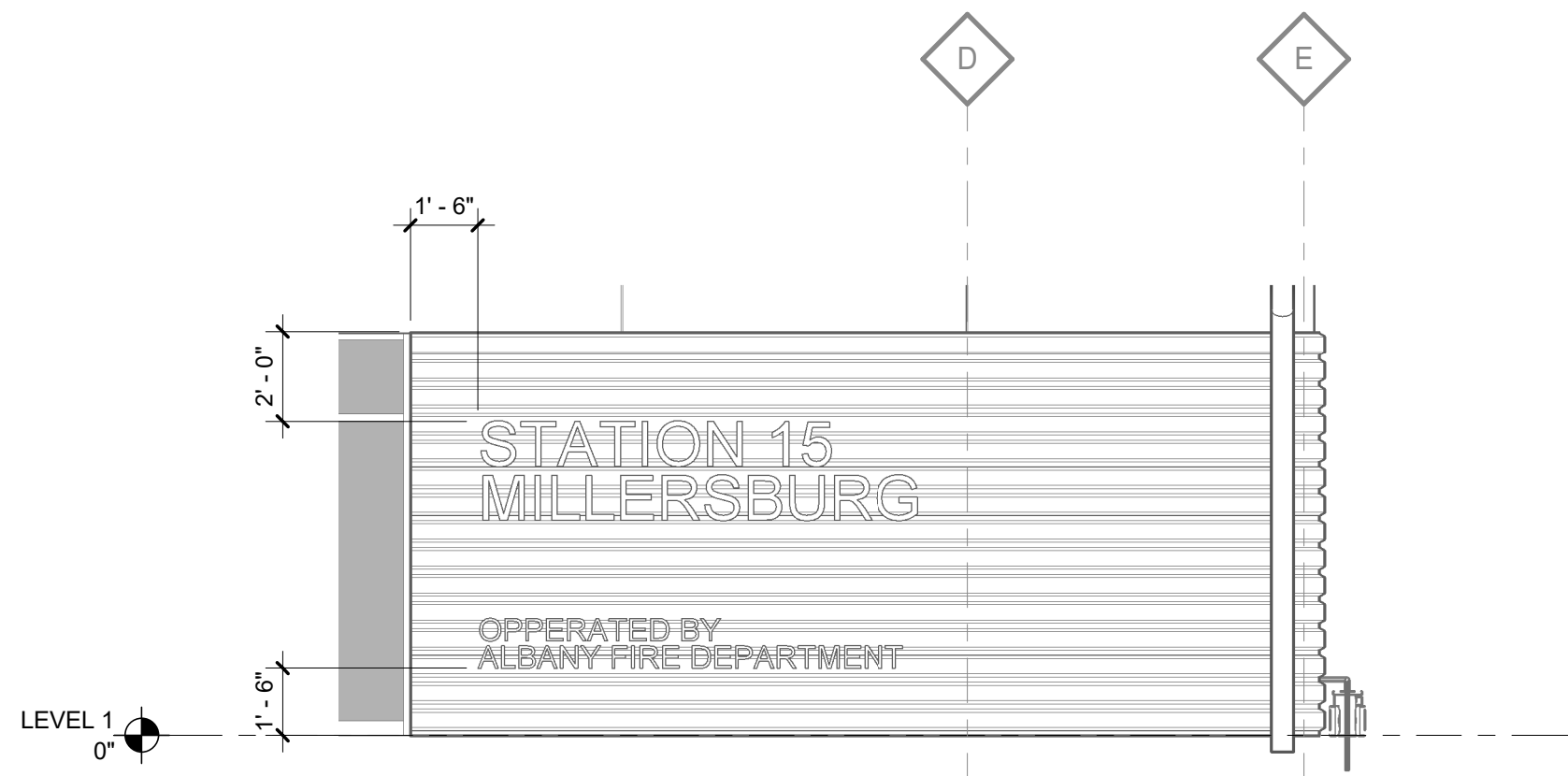


11 VERTICAL VENT PENETRATION
1/2" = 1'-0"

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1 SIGNAGE ELEVATION

1/4" = 1'-0"



LOCATION: SOUTH FACADE, EAST CORNER - UPPER PORTION
 MATERIAL: ALUMINUM
 COLOR: CLEAR ANNOXIDIZED
 FONT: ARIAL OR APPROVED EQUAL
 SIZE: 12" HIGH LETTERS



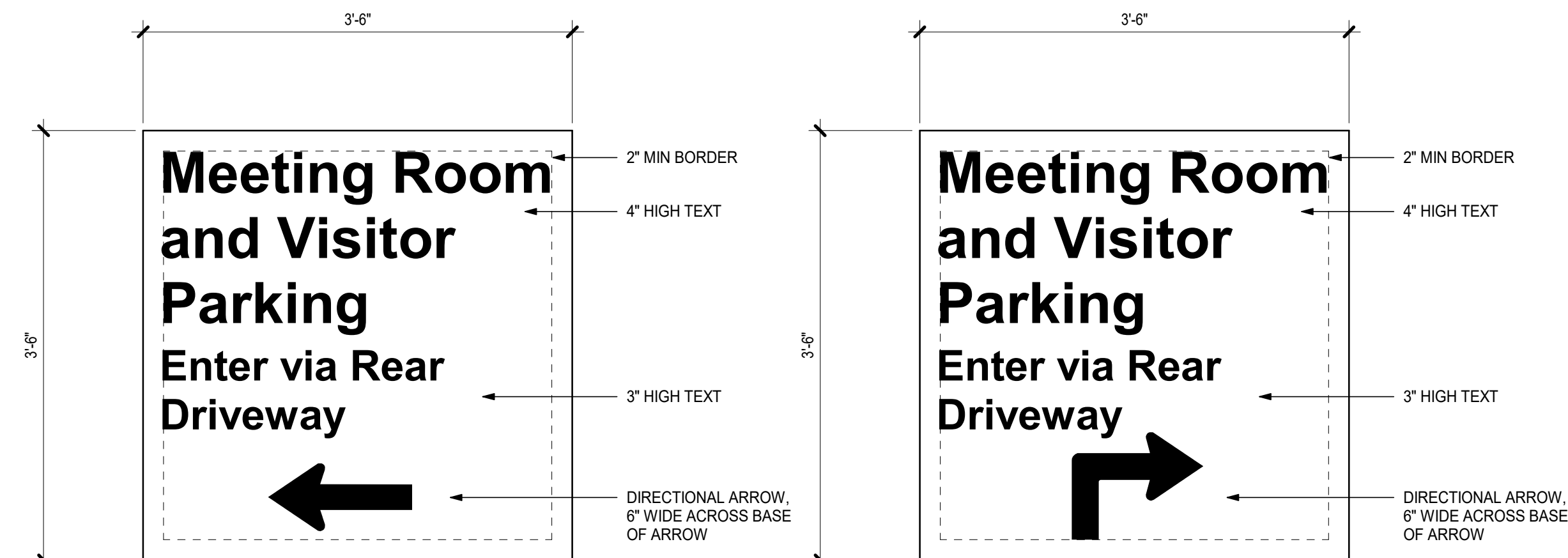
LOCATION: SOUTH FACADE, EAST CORNER - LOWER PORTION
 MATERIAL: ALUMINUM
 COLOR: CLEAR ANNOXIDIZED
 FONT: ARIAL OR APPROVED EQUAL
 SIZE: 6" HIGH LETTERS



LOCATION: SOUTH FACADE, APPARATUS BAY
 MATERIAL: ALUMINUM
 COLOR: CLEAR ANNOXIDIZED
 FONT: ARIAL OR APPROVED EQUAL
 SIZE: 12" HIGH LETTERS

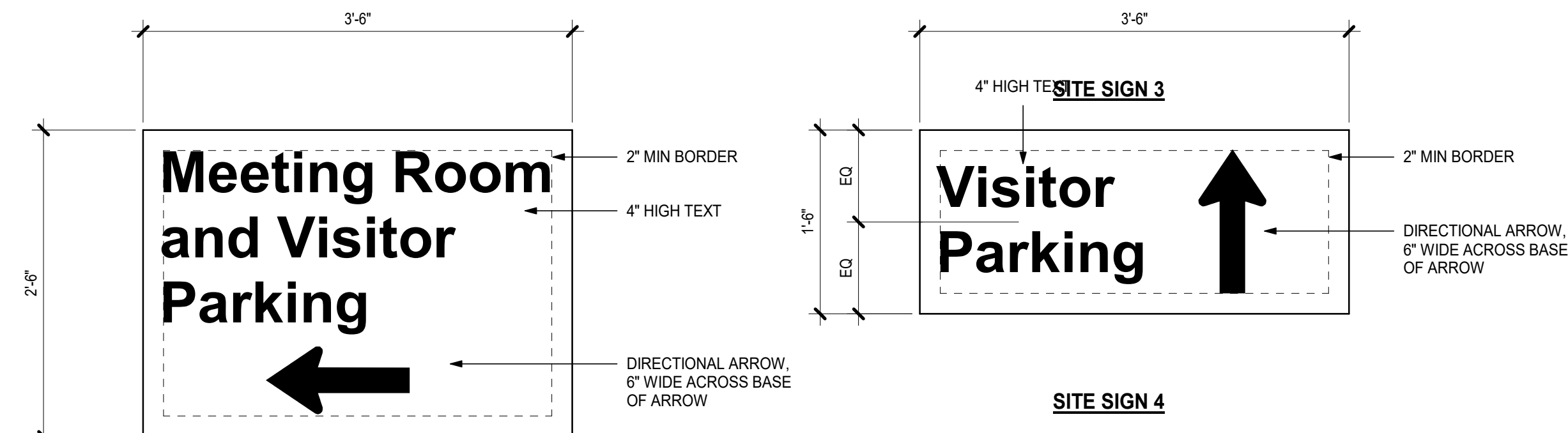
2 BUILDING SIGNAGE

1" = 1'-0"



SITE SIGN 1

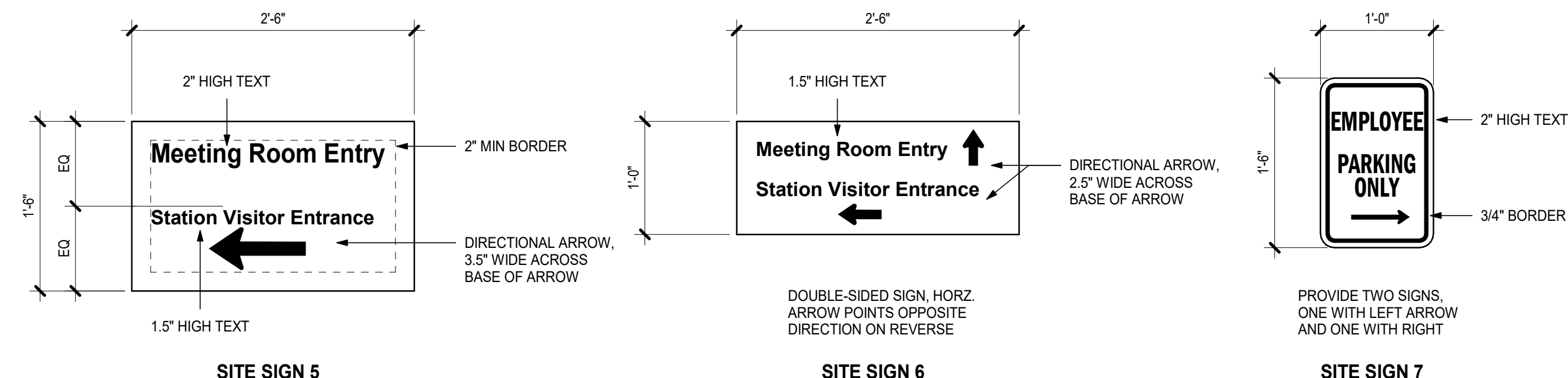
SITE SIGN 2



SITE SIGN 3

SITE SIGN 4

DOUBLE-SIDED SIGN, ARROW POINTS OPPOSITE DIRECTION ON REVERSE



SITE SIGN 5

SITE SIGN 6

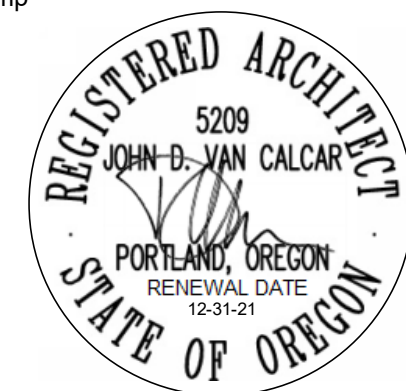
SITE SIGN 7

DOUBLE-SIDED SIGN, HORZ. ARROW POINTS OPPOSITE DIRECTION ON REVERSE

PROVIDE TWO SIGNS, ONE WITH LEFT ARROW AND ONE WITH RIGHT

3 DIRECTIONAL SIGNAGE

1" = 1'-0"





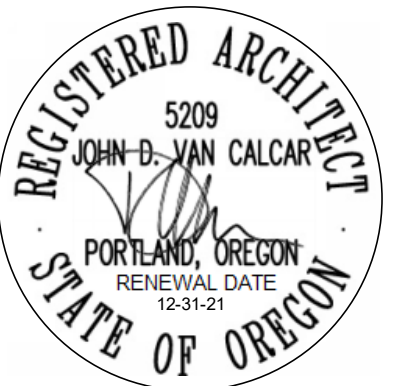
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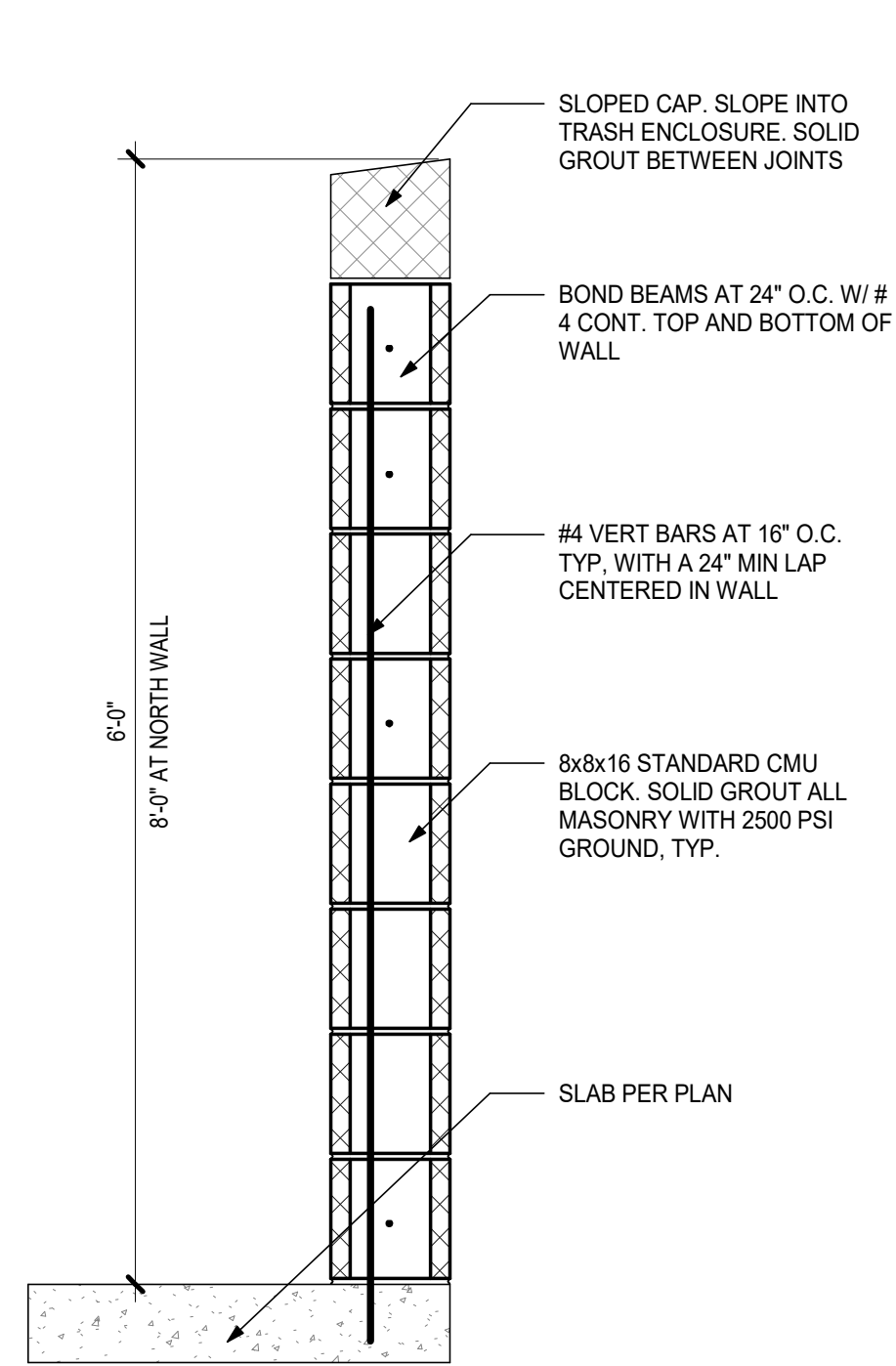
20006

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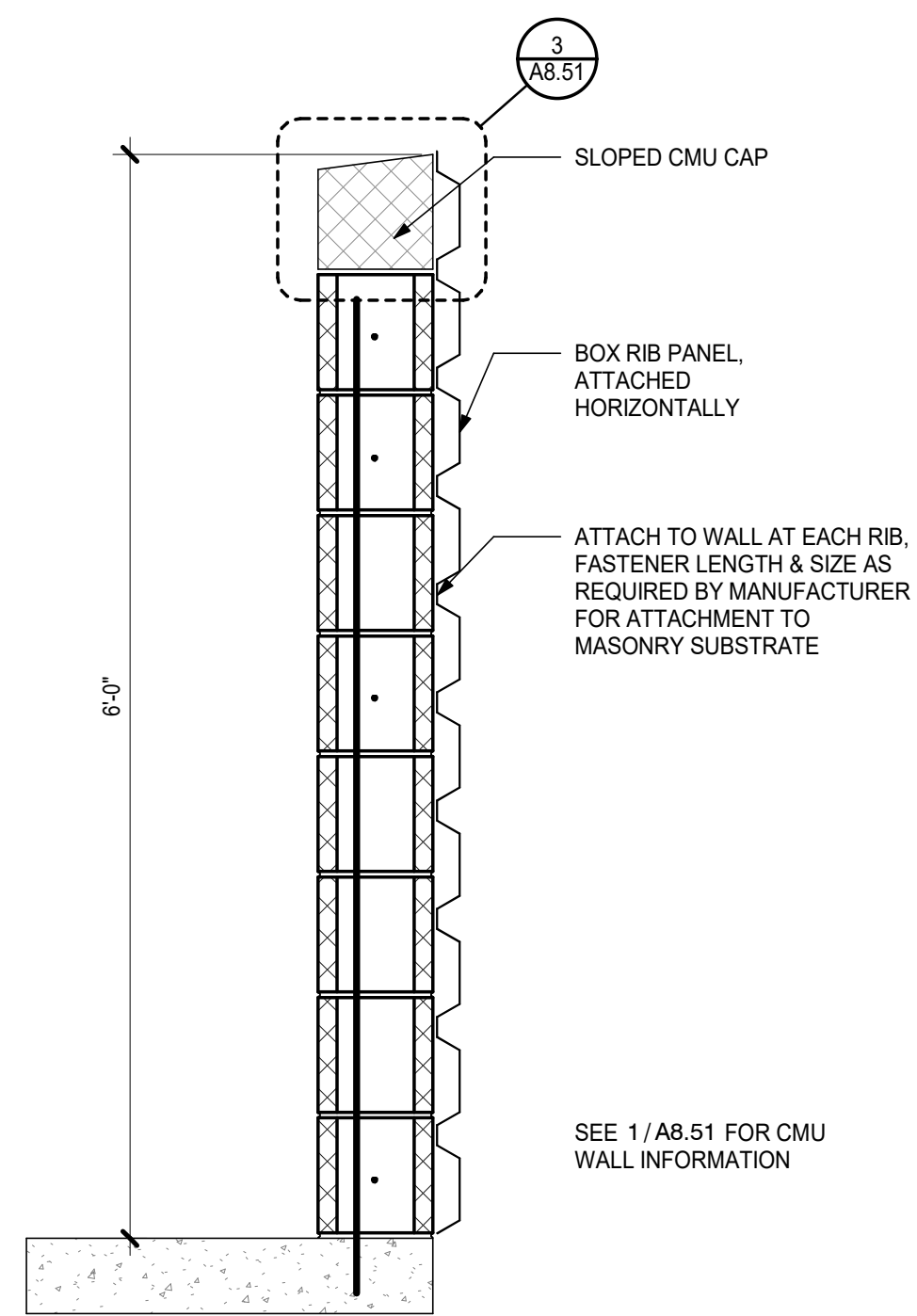
SITE DETAILS

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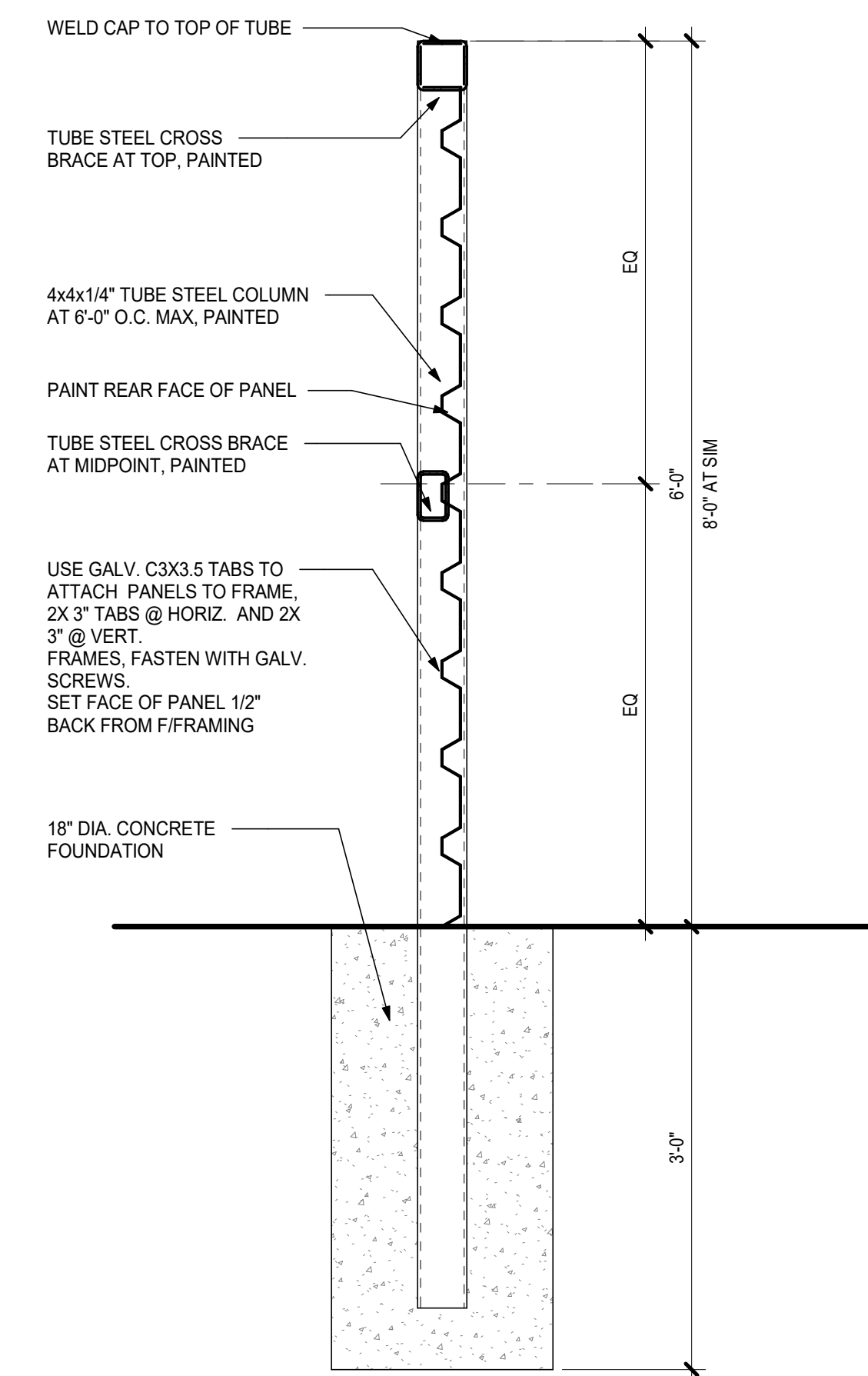
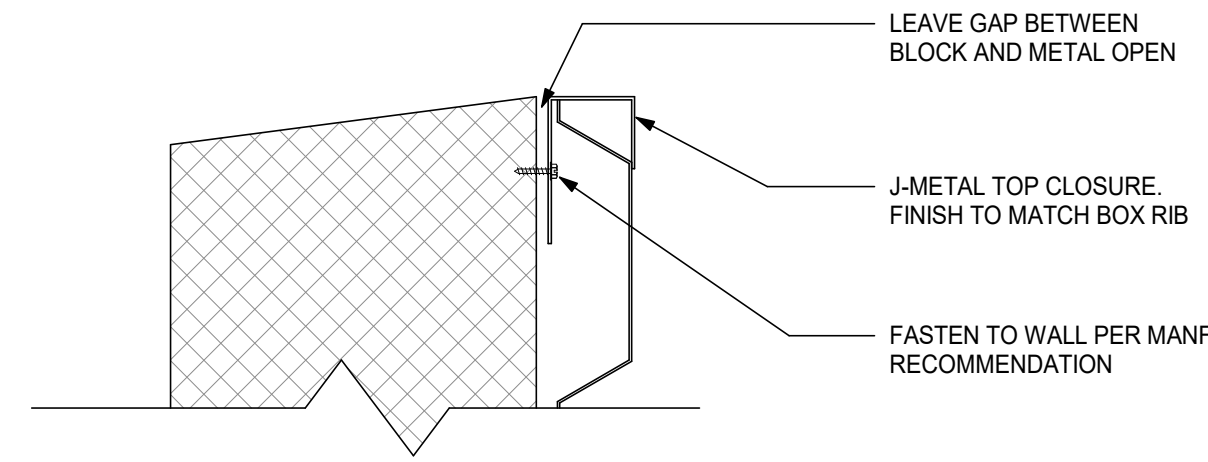


1 TRASH ENCLOSURE WALL
1" = 1'-0"

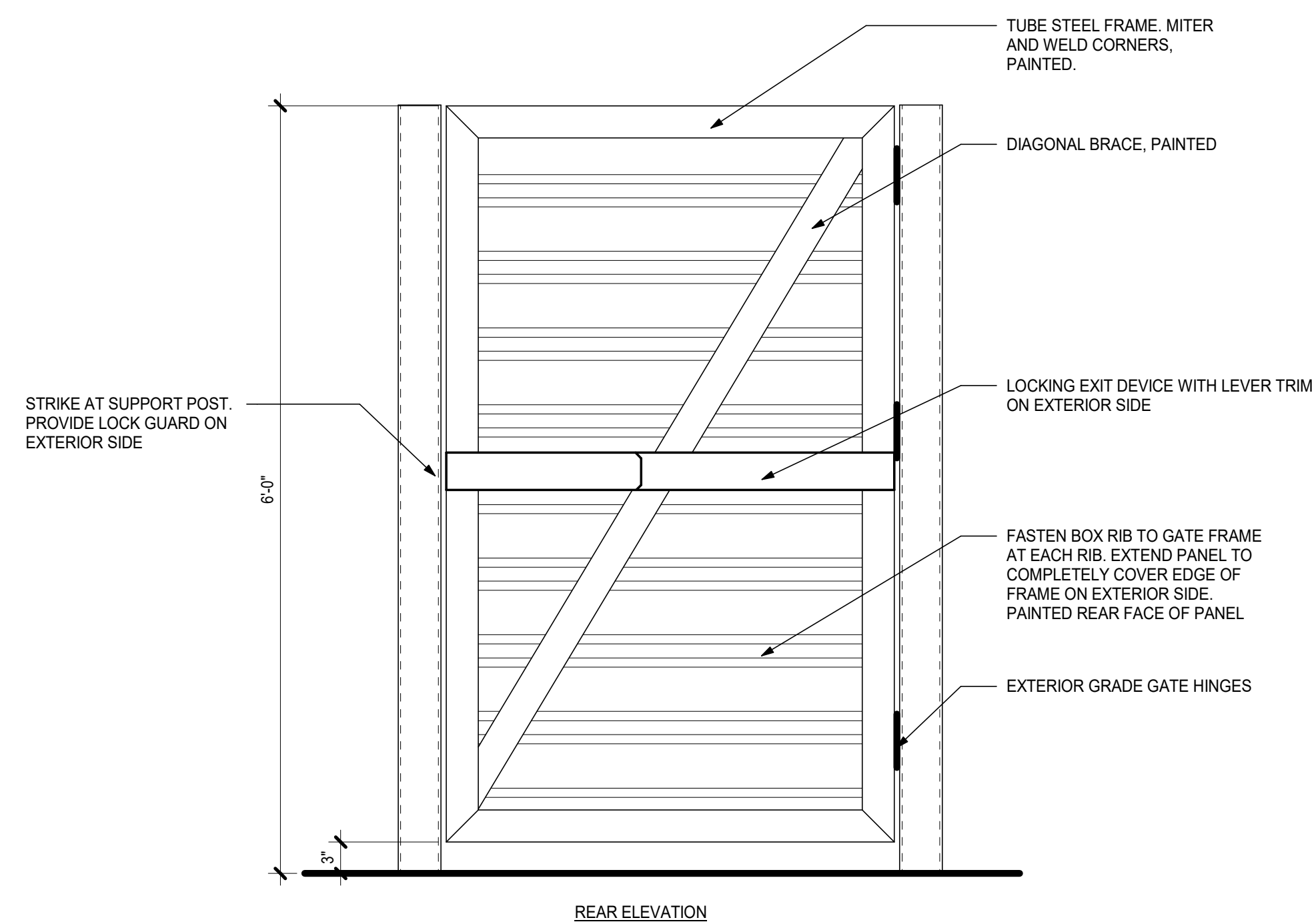


2 TRASH ENCLOSURE WALL CLADDING
1" = 1'-0"

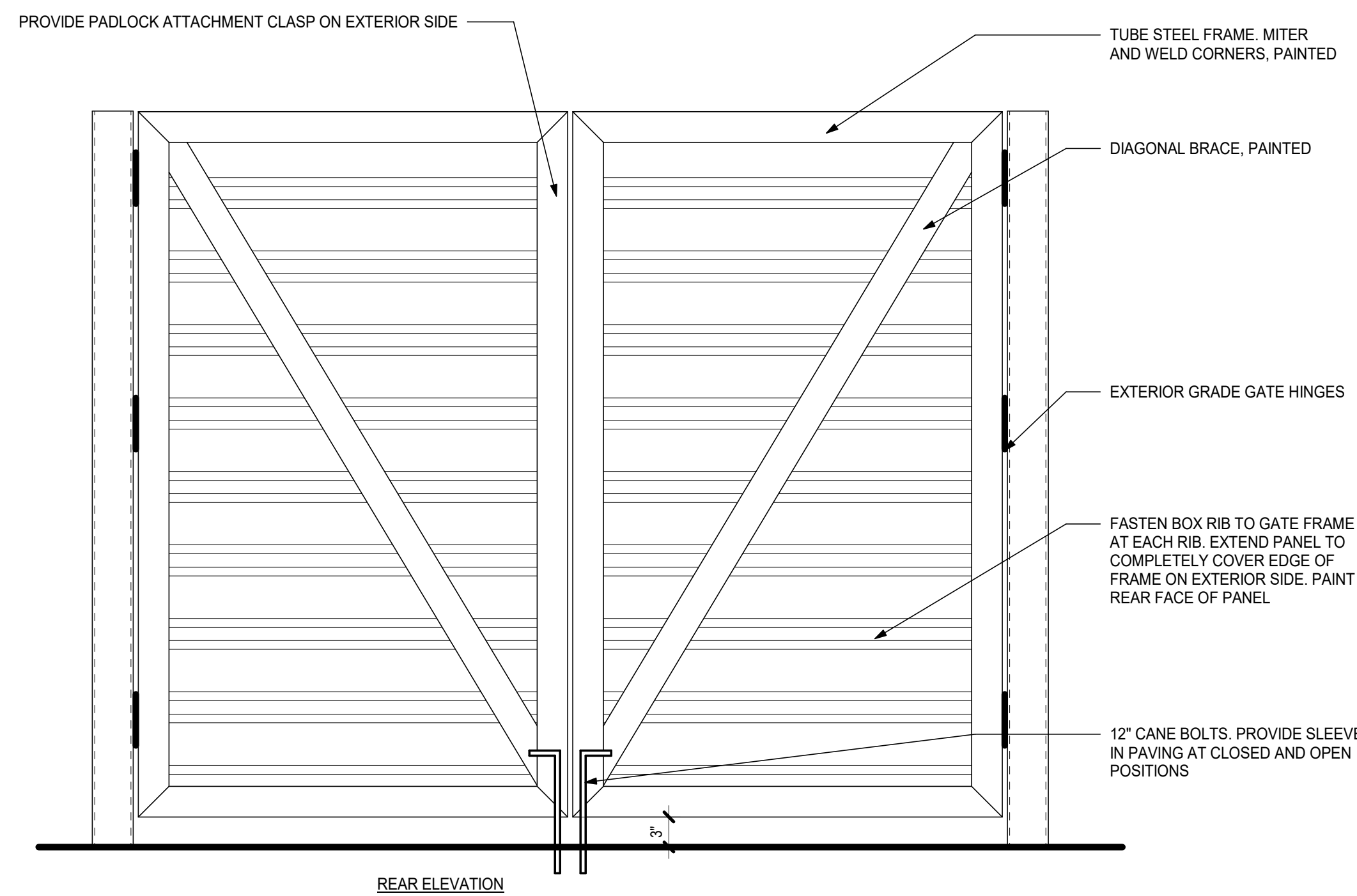
3 METAL PANEL TERMINATION
3" = 1'-0"



4 SCREENING FENCE
1" = 1'-0"



5 SINGLE GATE
1" = 1'-0"



6 DOUBLE GATE
1" = 1'-0"

**Millersburg Fire
Station 15**
3215 Transition Parkway
NE
Albany, OR 97321



Project

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Revisions

No.	Description	Date

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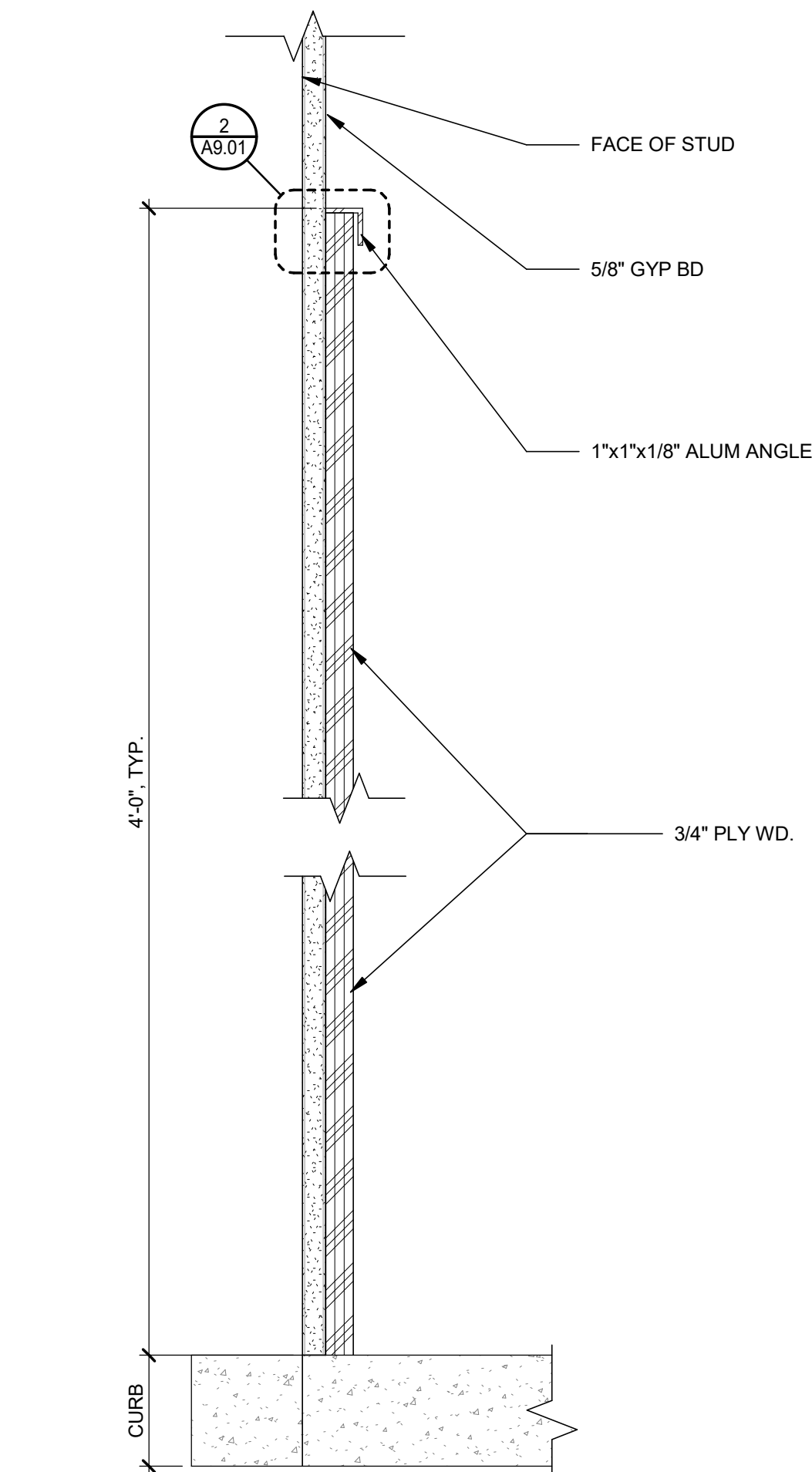
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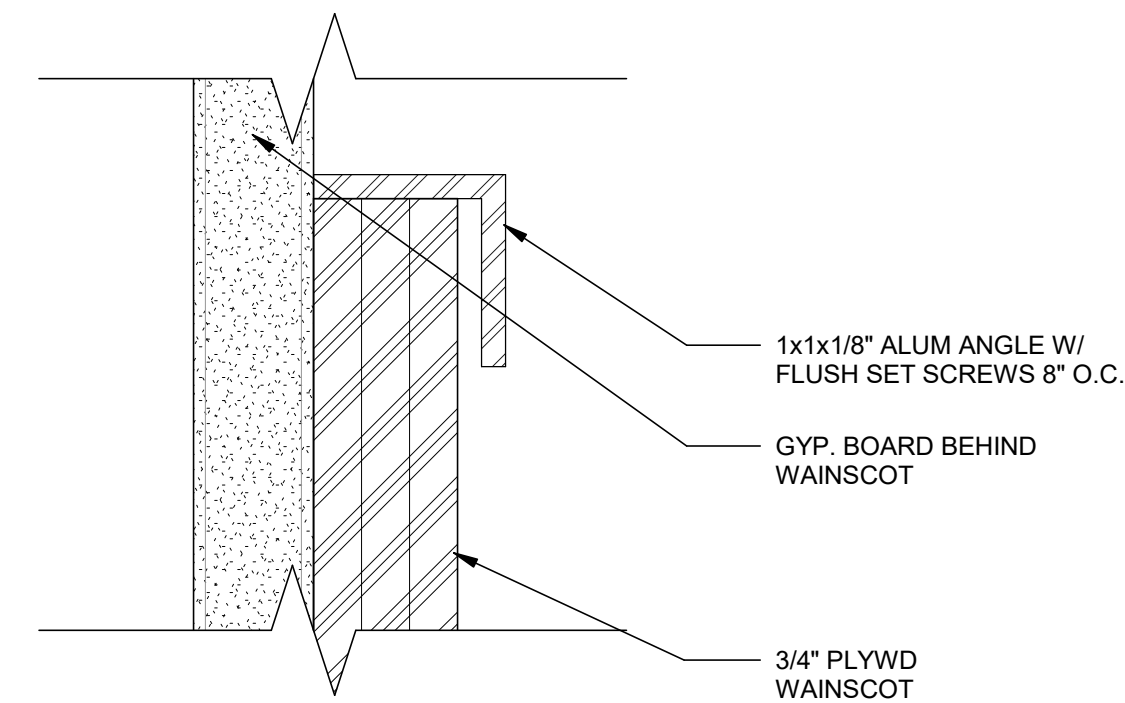
**INTERIOR DETAILS -
GENERAL**

Sheet No

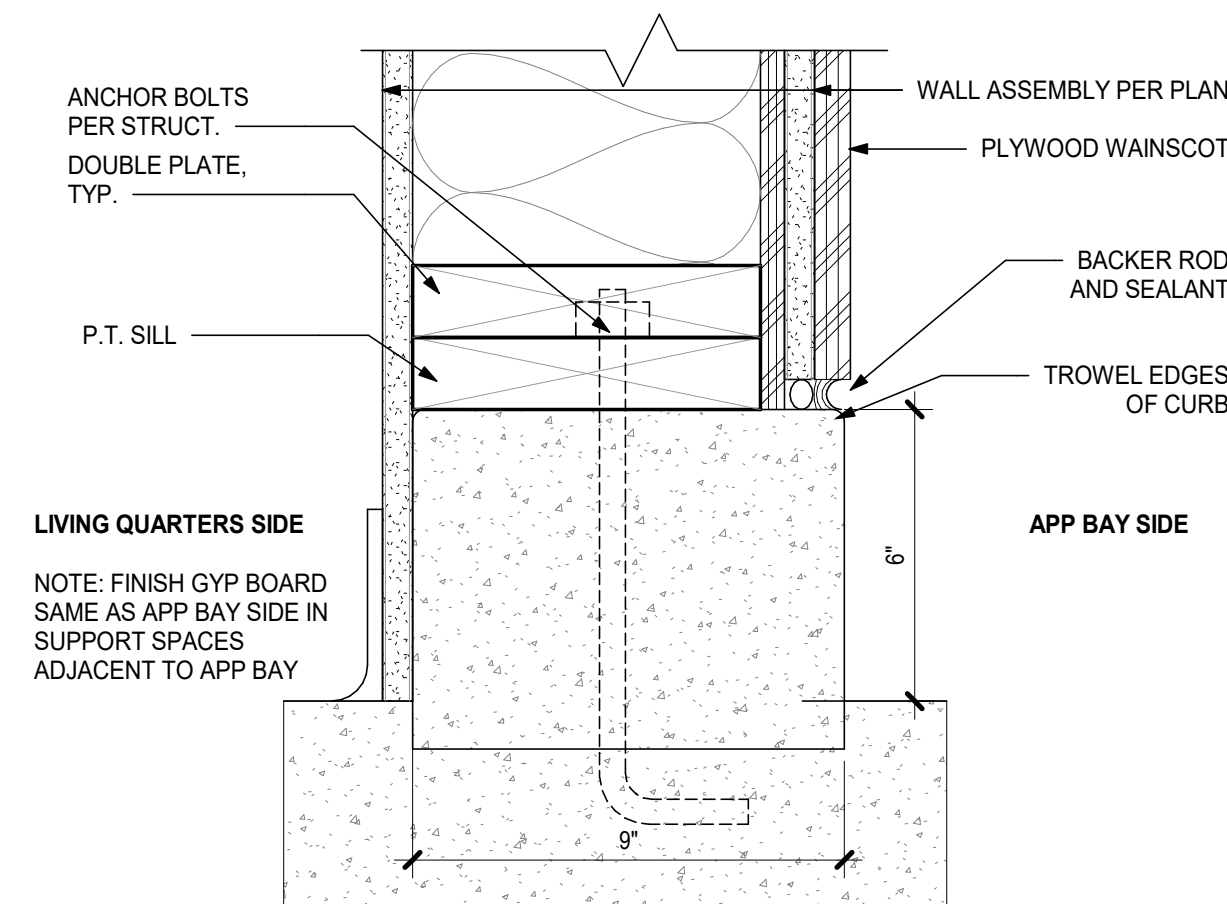
A9.01



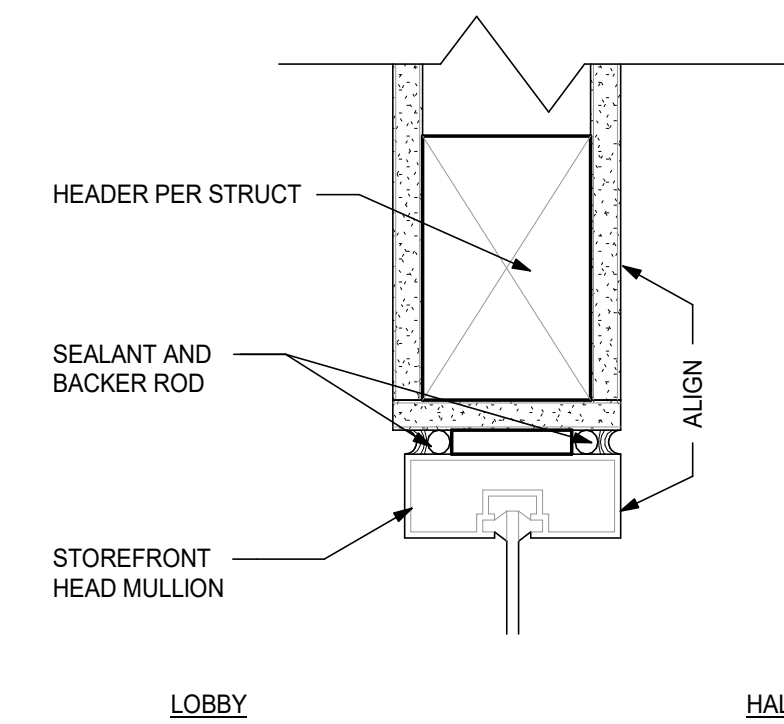
5 APP BAY WAINSCOT
3" = 1'-0"



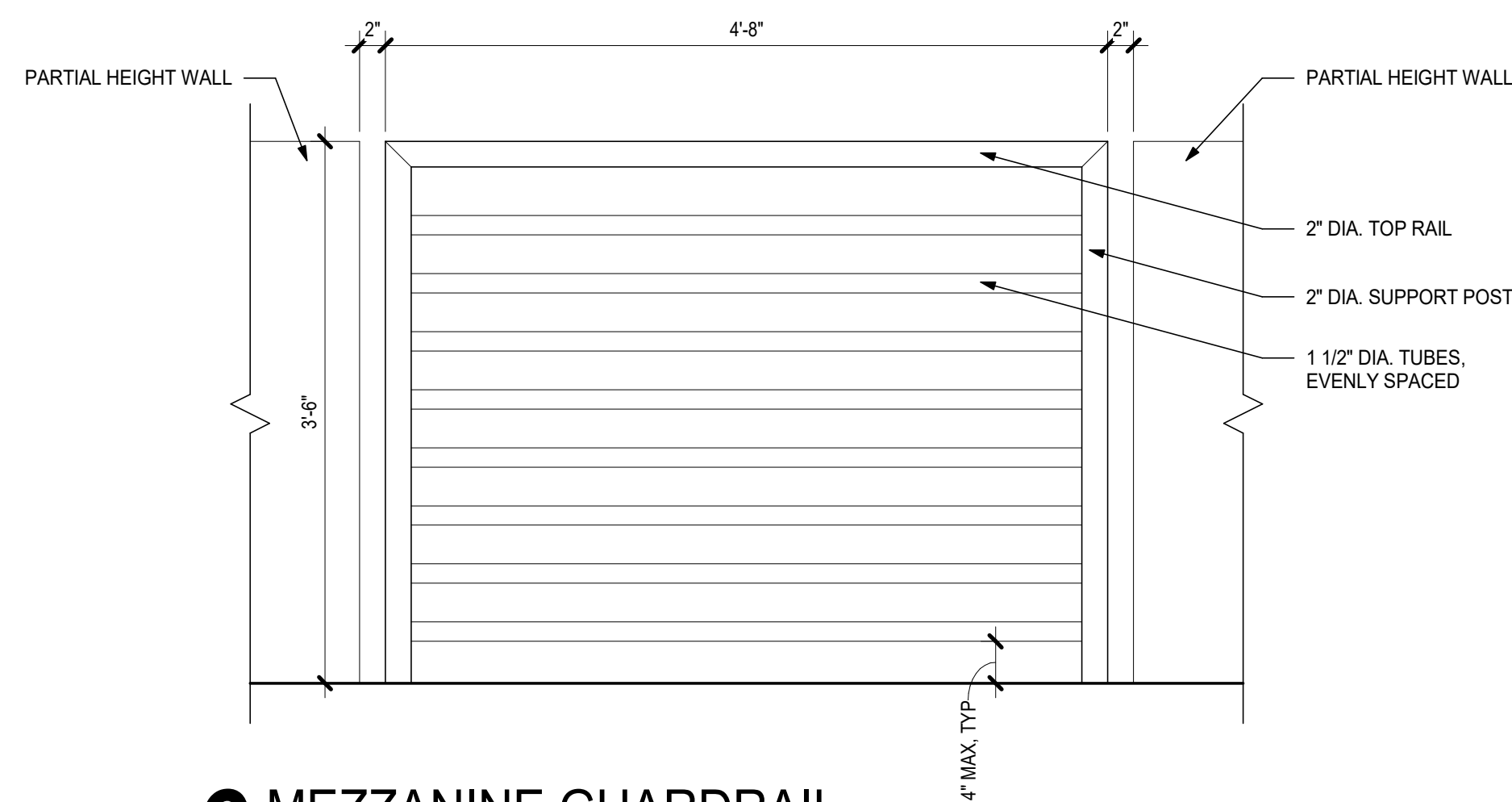
2 TRIM @ WAINSCOT - APP BAY
12" = 1'-0"



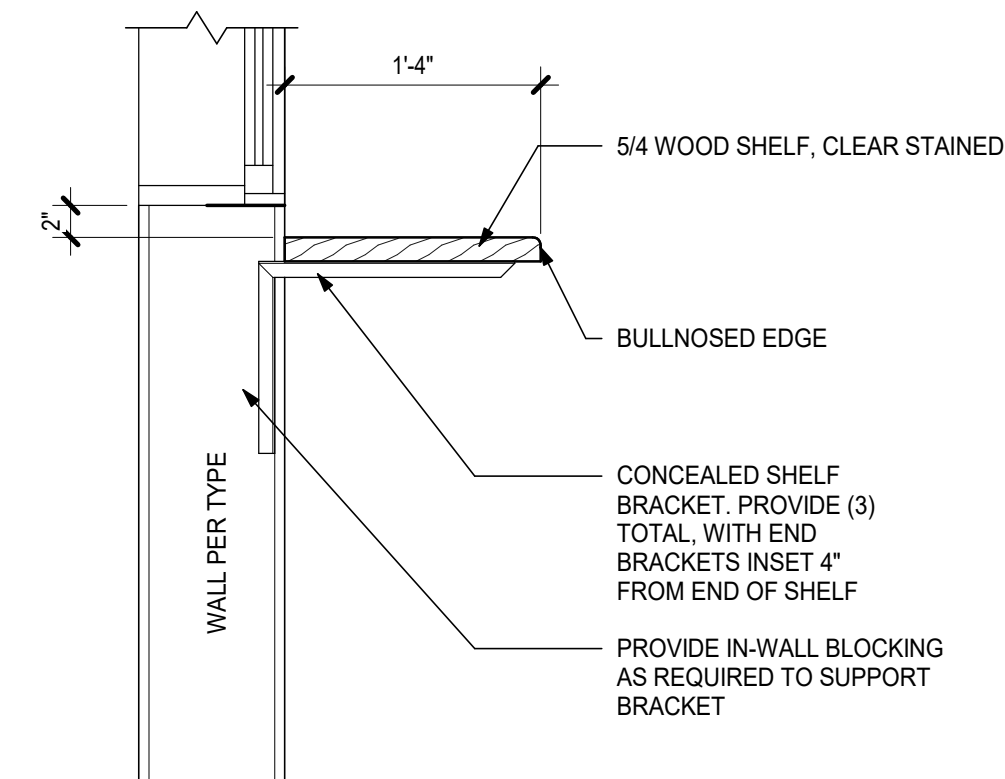
3 CURB AT APPARATUS BAY
3" = 1'-0"



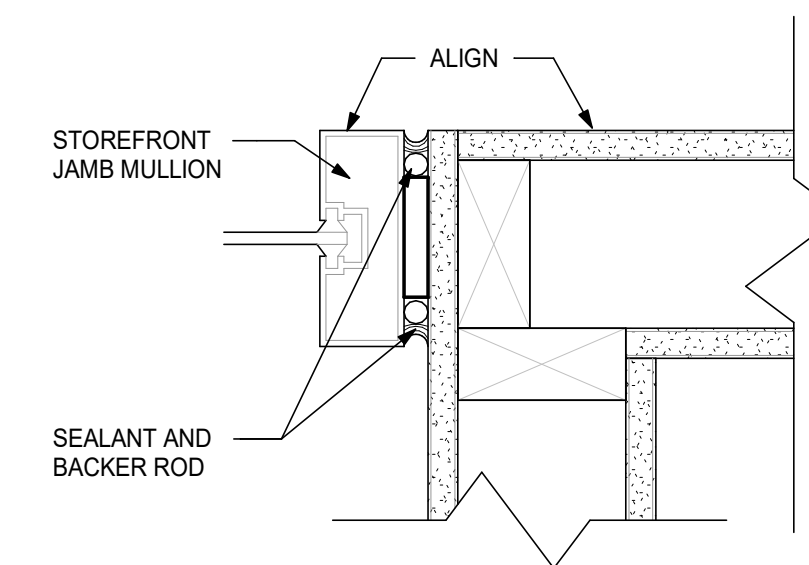
4 INTERIOR SF HEAD
3" = 1'-0"



6 MEZZANINE GUARDRAIL
1" = 1'-0"



7 DORM SHELF
1" = 1'-0"



8 INTERIOR SF JAMB
3" = 1'-0"



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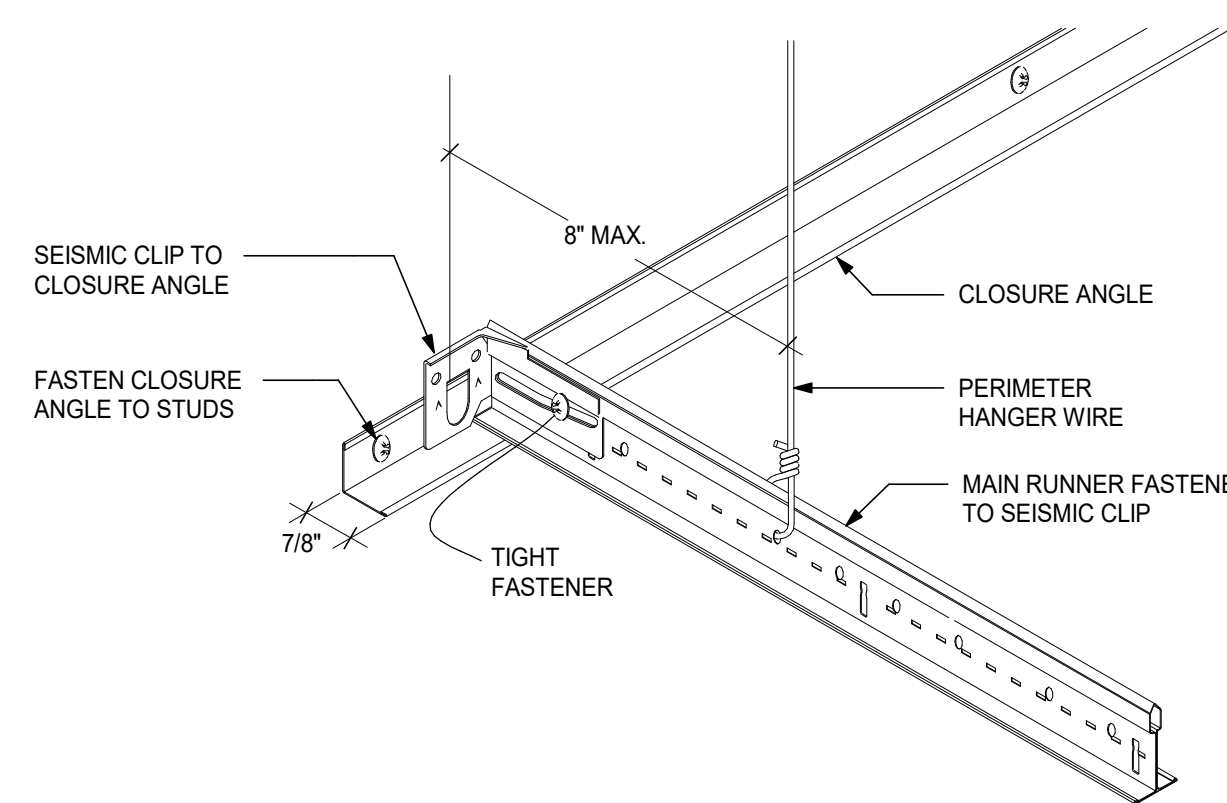
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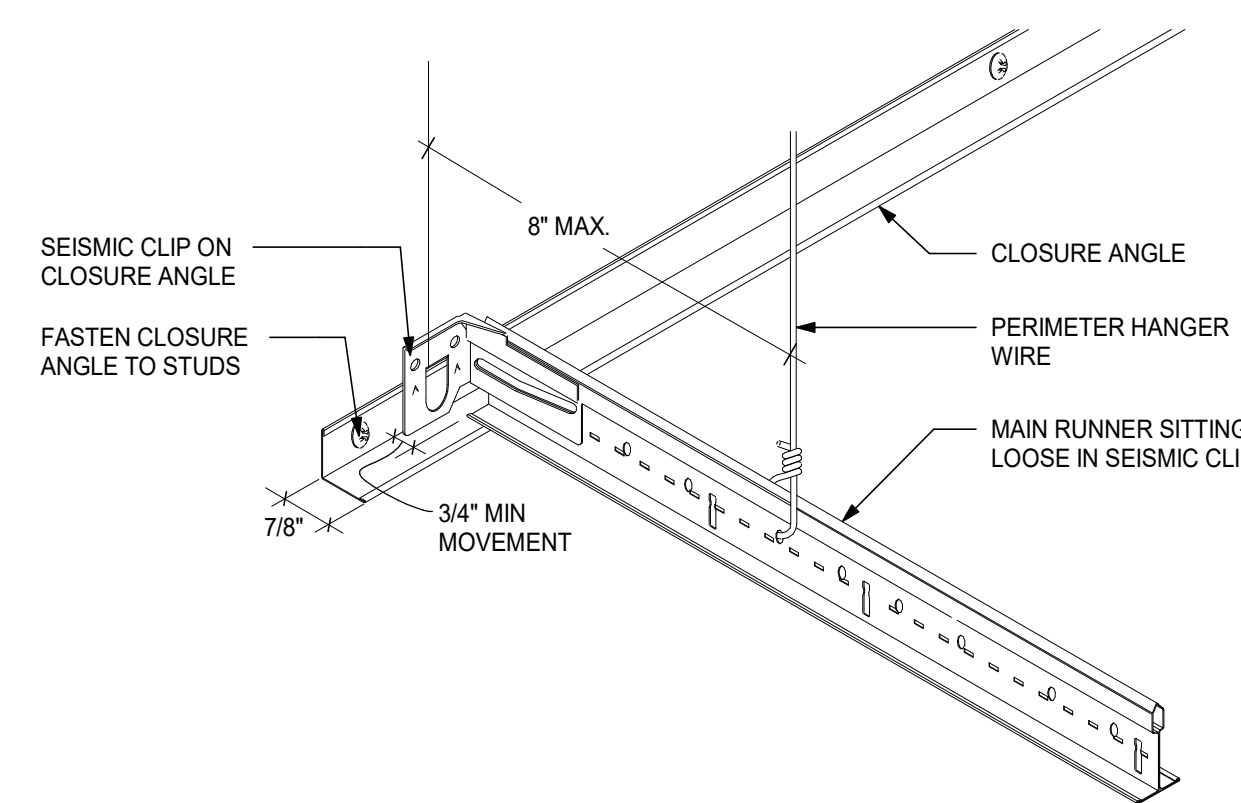
**INTERIOR DETAILS -
CEILINGS**

Sheet No.

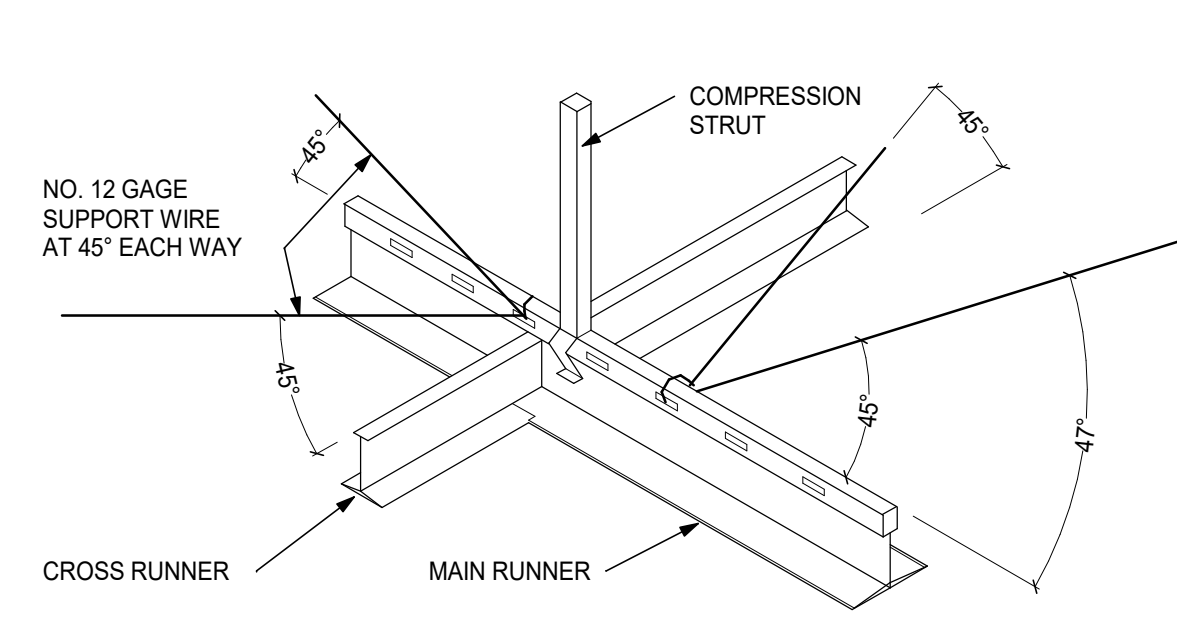
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1 ACT-SEISMIC JOINT-ATTACHED
3" = 1'-0"

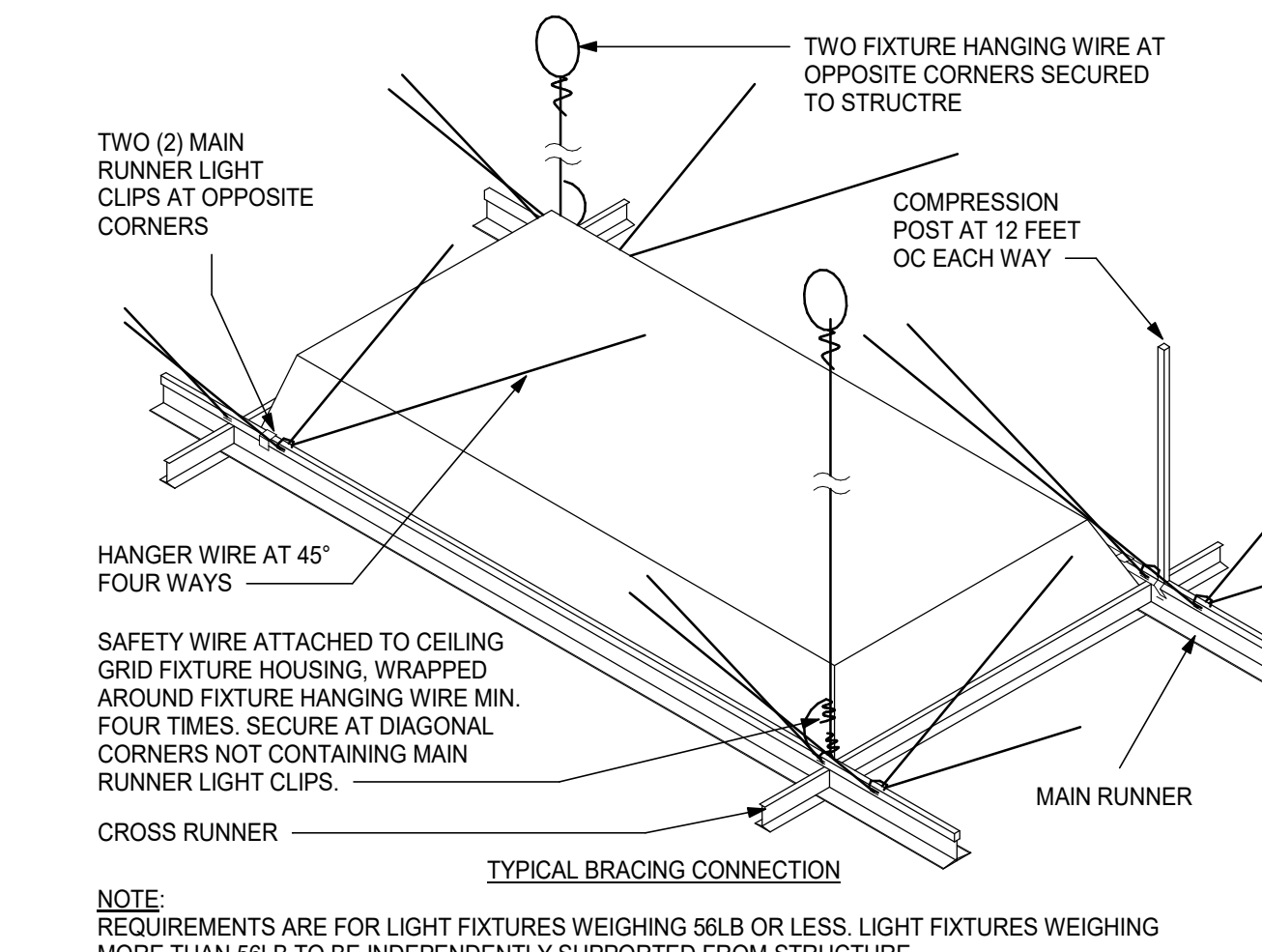


2 ACT-SEISMIC JOINT-UNATTACHED
3" = 1'-0"



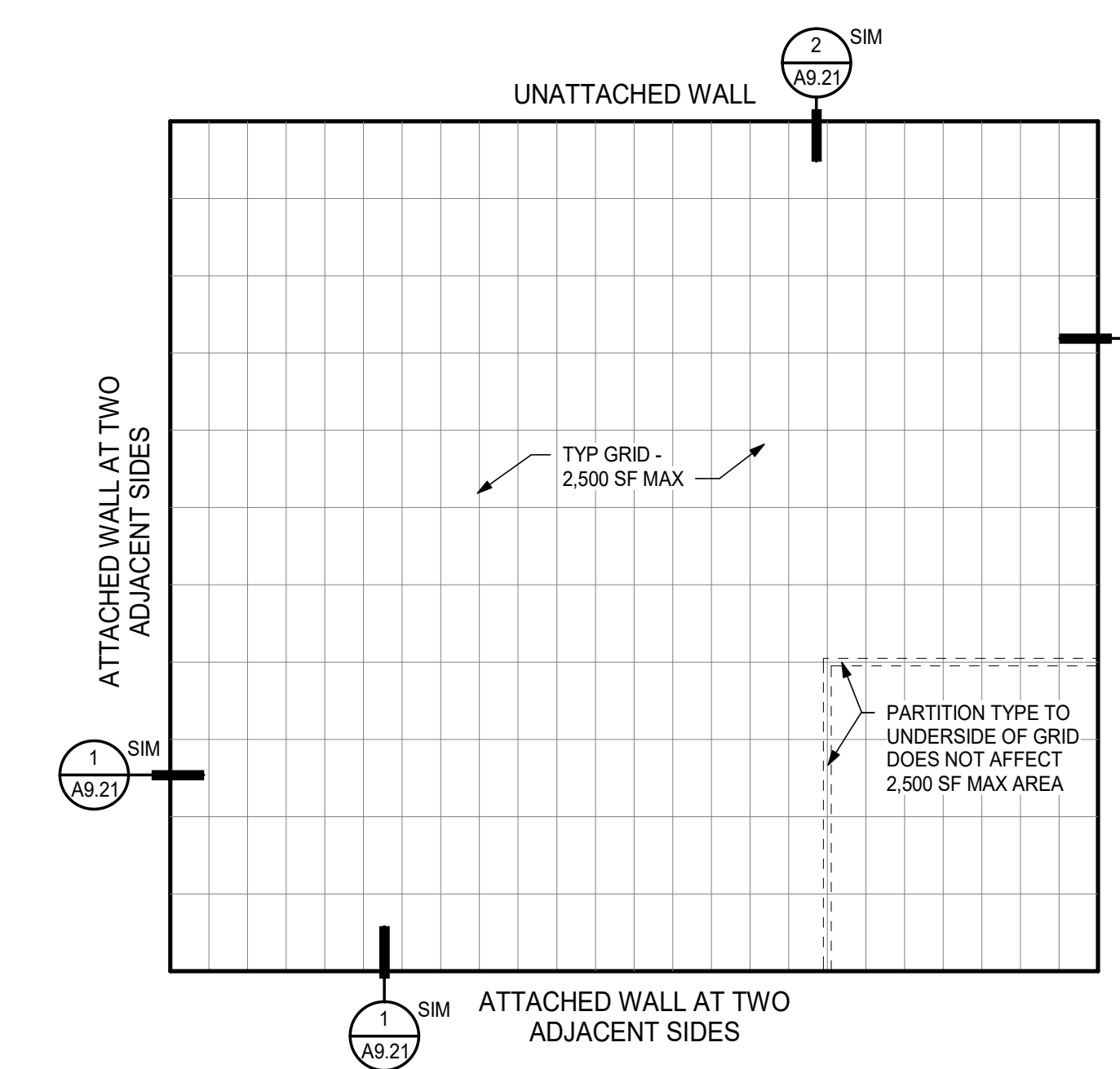
MAXIMUM RECOMMENDED LENGTHS FOR VERTICAL STRUTS	
EMT CONDUIT	
1/2" EMT CONDUIT	UP TO 5'-10"
3/4" EMT CONDUIT	UP TO 7'-8"
1" EMT CONDUIT	UP TO 9'-9"
METAL STUD	
SINGLE 1 5/8" METAL STUD (20 GAUGE)	UP TO 12'
BACK TO BACK 1 5/8" METAL STUD (20 GAUGE)	UP TO 15'
SINGLE 2 1/2" METAL STUD (20 GAUGE)	UP TO 13'-6"
BACK TO BACK 2 1/2" METAL STUD (25 GAUGE)	UP TO 15'

3 ACT-LATERAL FORCE BRACING
12" = 1'-0"



4 ACT-LIGHT FIXTURE-ATTACHED
12" = 1'-0"

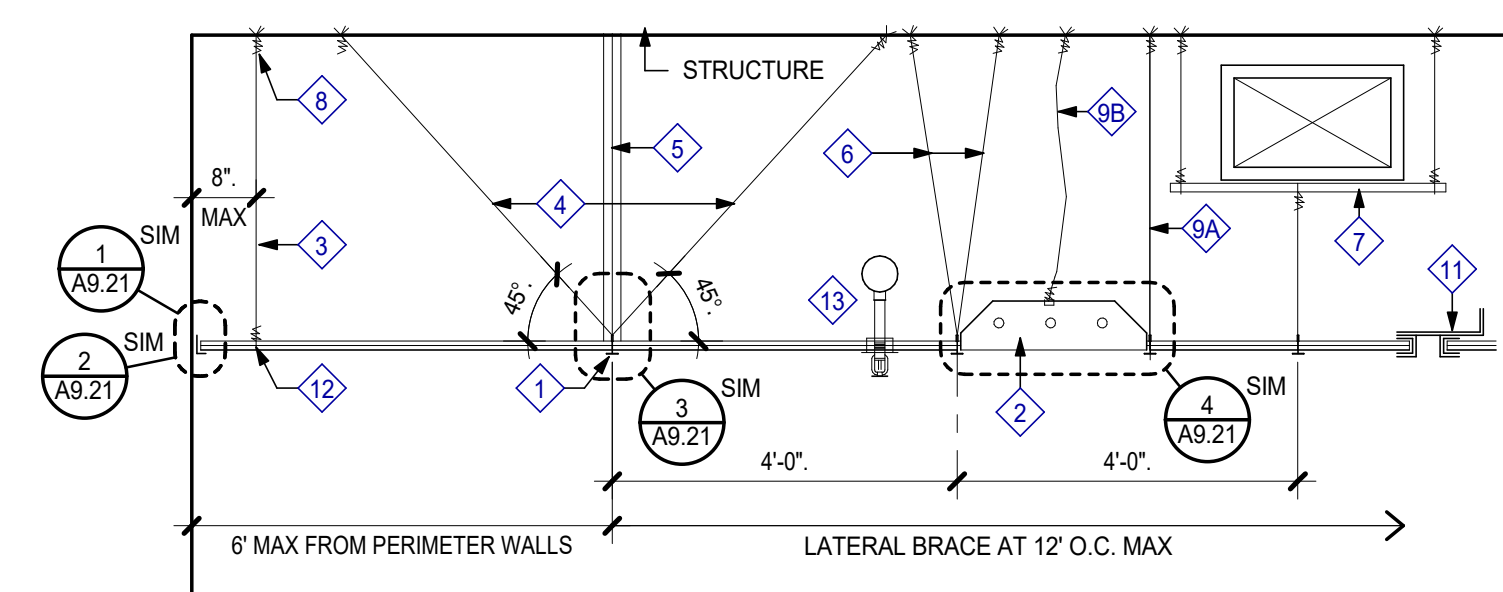
ACT-TYP SUSPENDED CEILING SYSTEM PLAN



SUSPENDED CEILINGS WITH AREAS LESS THAN OR EQUAL TO 144 SF THAT ARE SURROUNDED BY WALLS OR SOFFITS THAT ARE Laterally BRACED TO THE STRUCTURE MAY BE ATTACHED TO THE CLOSURE STRIP AT ALL FOUR SIDES.

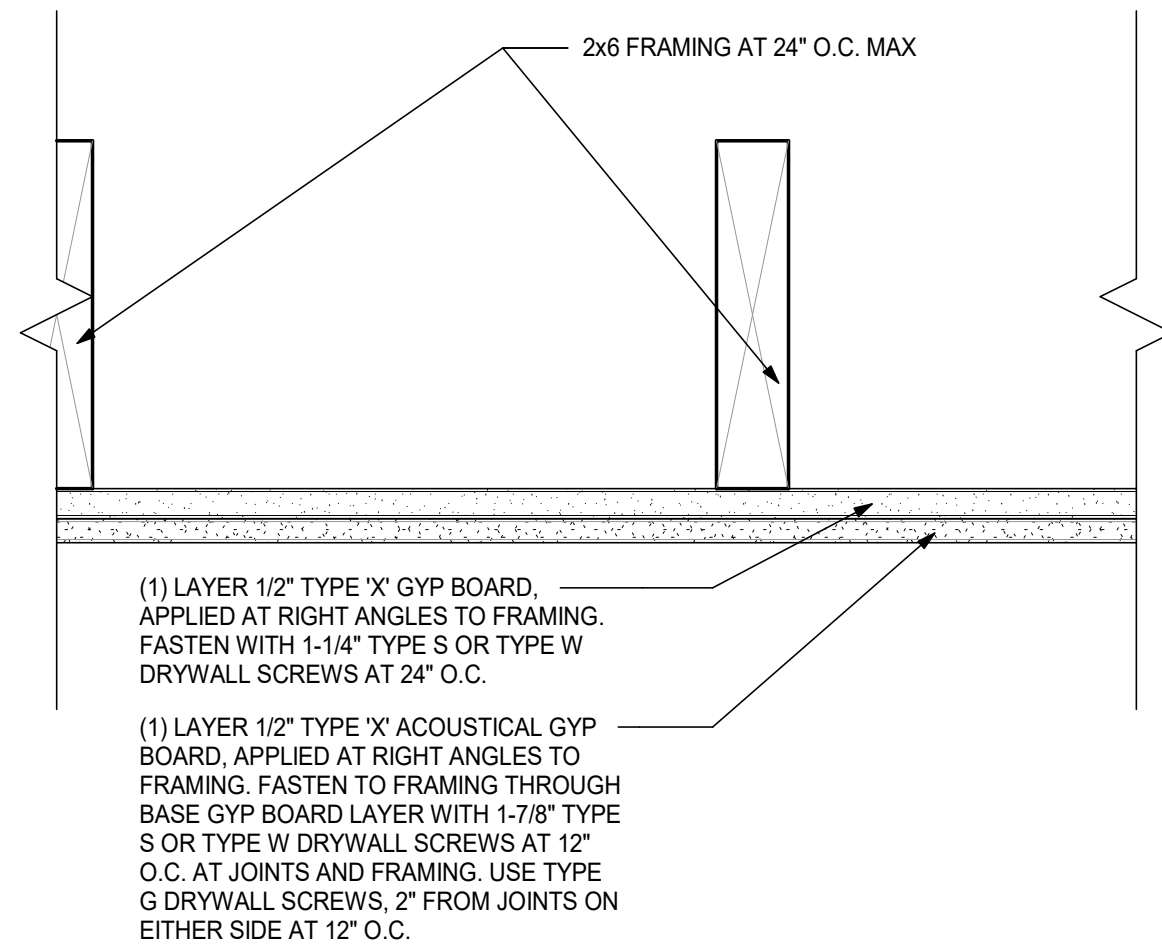
- EXPANSION ANCHORS MUST COMPLY WITH ICC-ES ACCEPTANCE CRITERIA "AC193".
- ADHESIVE ANCHORS MUST COMPLY WITH ICC-ES ACCEPTANCE CRITERIA "AC308".
- POWER ACTUATED FASTENERS (PAF)
 - MUST HAVE CURRENT ICC-ES REPORT.
 - INTERIOR WALLS: INCREASE FACTOR OF SAFETY TO 2:1 (80% OF THE LISTED VALUE).
 - REUNDANCY REQUIRED. MINIMUM 3 PAFs INSTALLED IN ANY APPLICATION. MINIMUM SPACING SHALL BE PER PAF LISTING.
 - ENGINEERING DESIGN CALCULATIONS MUST BE SUBMITTED.
 - THIS ALTERNATE METHOD WILL BE REVIEWED IN CONJUNCTION WITH THE ADOPTION OF THE 2014 OREGON STRUCTURAL SPECIALTY CODE.
 - CANNOT BE USED IN TENSION FOR LOADS EXCEEDING 90 LBS.

ACT-SUSPENDED CEILING NOTES

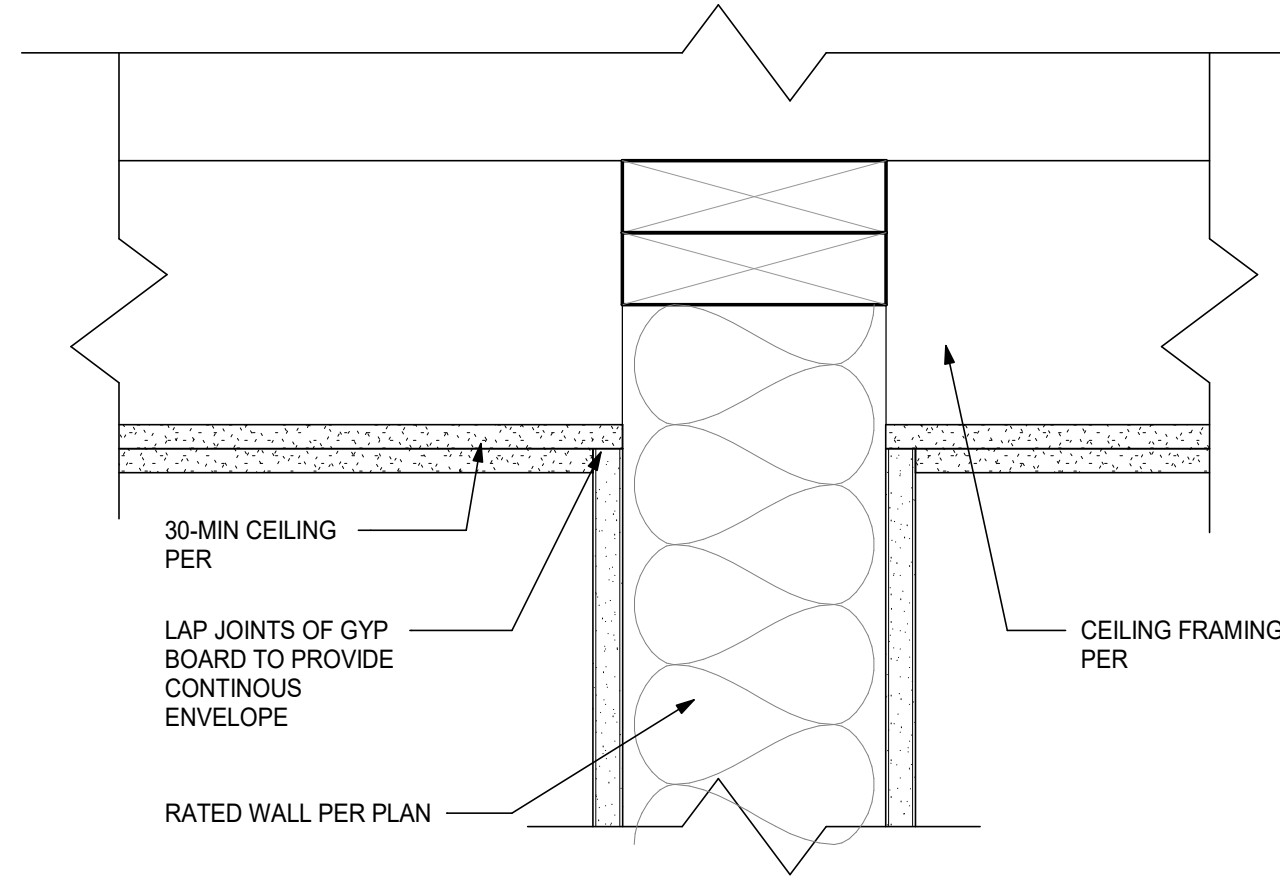


- GRID SYSTEM REQUIREMENTS:**
- GRID SYSTEM RAING: HEAVY DUTY.
 - DESIGN REQUIREMENTS: CEILING MUST BE DESIGNED PER STATE OF OREGON STRUCTURAL SPECIALTY CODE FOR SEISMIC CATEGORIES D, E, & F, ASCE 7-10 CISCA RECOMMENDATION FOR SEISMIC ZONE 3 & 4.
- INSTALLATION:**
- MAIN RUNNERS: 4 FEET O.C., SUPPORTED WITH NO. 12 GA. WIRES AT 4 FEET O.C. (OR NO. 10 GA. WIRES AT 5 FEET O.C.), HANGER ATTACHEMENT TO BE DESIGNED TO SUPPORT NOT LESS THAN 200 POUNDS.
 - CROSS RUNNERS: RUNNERS SUPPORTED BY MAIN RUNNERS AND CAPABLE OF CARRYING DESIGN LOAD WITH DEFLECTION EQUAL TO 1/360 OF ITS SPAN OR LESS.
 - HANGER WIRE SYSTEM TO BEGIN WITHIN 8 INCHES OF PERIMETER WALL.
 - WHERE CEILINGS EXCEED 1000 SF, GRID LATERAL FORCE BRACING IS REQUIRED. GRID LATERAL FORCE BRACING AT 12'-0" OC EACH WAY; BEGIN WITHIN 6 FEET OF PERIMETER AND WITHIN 2 INCHES OF CROSS RUNNER INTERSECTION. PROVIDE FOUR (4) - NO. 12 GA. WIRES SECURED TO MAIN RUNNER AND SPLAYED 90 DEGREES FROM EACH OTHER AT AN ANGLE NOT EXCEEDING 45 DEGREES FROM CEILING PLANE.

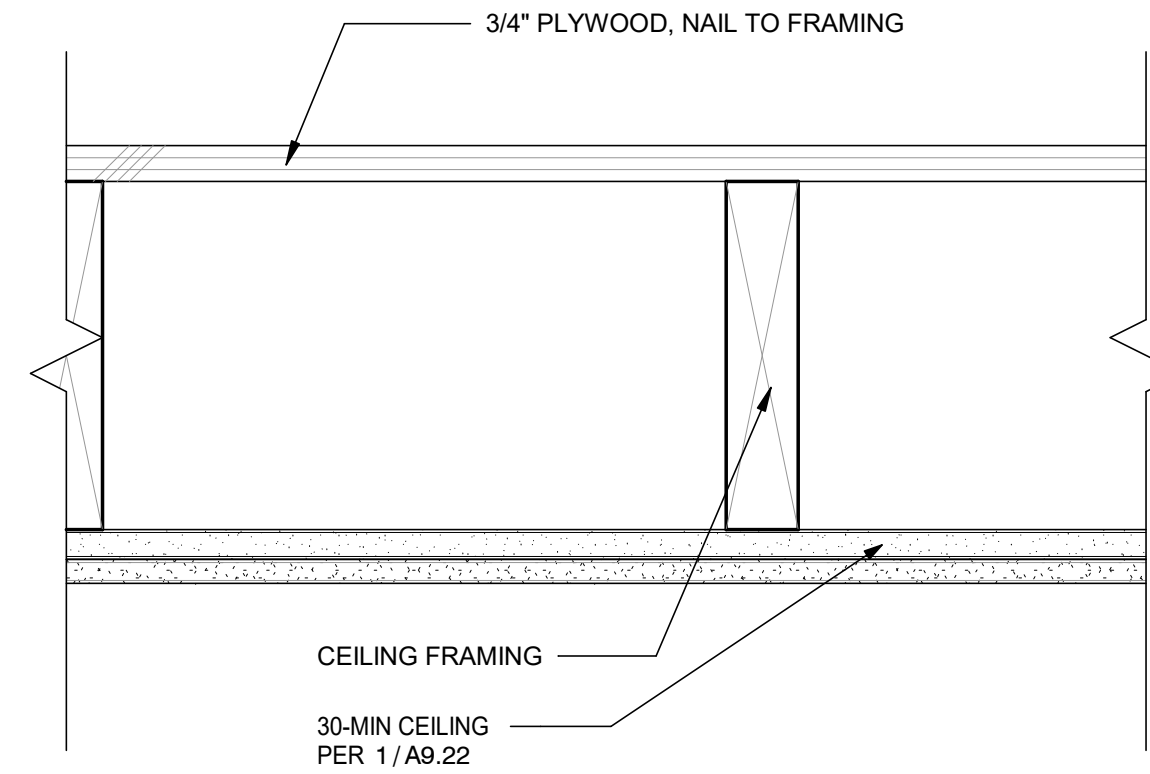
- COMPRESSION STRUT AT EACH LATERAL GRID BRACING LOCATION. STRUT TO BE ADEQUATE TO RESIST VERTICAL FORCE COMPONENT INDUCED BY BRACING WIRES, SPACED 12 FEET ON CENTER IN BOTH DIRECTIONS. STRUT TO BE COMPATIBLE WITH SUSPENSION SYSTEM.
- SYSTEM HANGERS MORE THAN 1:6 OUT OF PLUMB, PROVIDE COUNTER SLOPE HANGERS.
- WHERE HANGER WIRES ARE NOT POSSIBLE DUE TO OBSTRUCTIONS, PROVIDE TRAPEZE OR EQUIVALENT DEVICE. TRAPEZE SUSPENSION FOR SPANS EXCEEDING 48 INCHES TO BE MINIMUM OF BACK-TO-BACK 1-1/4 INCH COLD ROLLED CHANNELS.
- HANGER WIRE ATTACHMENT TO CONCRETE, STEEL OR CONCRETE OVER METAL DECK MAY BE ATTACHED WITH THE FOLLOWING PAF HILTI X-U EMBED 3/4" (ESR-2269) OR SIMPSON PDP EMBED 3/4" (ESR-2138). ANCHOR LOAD HANGER WIRE SHALL NOT EXCEED 90 LBS. PAFs MAY NOT BE USED FOR ANY COMPONENT OF LATERAL FORCE BRACING DETAIL. FOLLOW MANUFACTURER'S DIRECTION FOR EMBEDMENT INTO STEEL.
- LIGHT FIXTURE SUPPORT: DETAIL 15/A9.21.
 - WITH SUSPENSION SYSTEM, NO. 12 GA. HANGERS TO BE ATTACHED TO GRID. MEMBERS WITHIN 3 INCHES OF EACH CORNER OF EACH FIXTURE - TANDEM FIXTURES MAY USE COMMON WIRES.
 - LIGHT FIXTURES WEIGHING LESS THAN 56 LBS. REQUIRE (2)-NO. 12 GA. SLACK WIRES FROM FIXTURE HOUSING TO STRUCTURE ABOVE.
 - LIGHT FIXTURES IN EXCESS OF 56 LBS. TO BE SUPPORTED DIRECTLY FROM STRUCTURE ABOVE. WIRES MUST BE TAUT.
 - LIGHT FIXTURES TO BE POSITIVELY ATTACHED TO GRID SYSTEM. ATTACHEMENT DEVICE TO CARRY 100 PERCENT OF LIGHT FIXTURE WEIGHT ACTING IN ANY DIRECTION.
- INTERIOR PARTITION WALLS EXTENDING TO GRID, THAT DO NOT ALIGN WITH 4-WAY BRACING OF GRID, MUST HAVE THEIR OWN LATERAL WALL BRACING PER DETAIL.
- PROVIDE SEISMIC JOINTS WHERE CEILING AREA EXCEEDS 2,500 SQ. FT. OR PROVIDE FULL HEIGHT PARTITION.
- CLOSURE ANGLE AT PERIMETER OF EACH 2,500 SF SUSPENDED CEILING SYSTEM, (2) SIDES TO BE ATTACHED TO ADJACENT WALLS. (2) OPPOSITE ADJACENT SIDES TO BE UNATTACHED.
- WHERE SPRINKLER HEADS AND OTHER PENETRATIONS OCCUR, PROVIDE 2 INCH OVERSIZED ESCUTCHEON OR ADAPTER TO ALLOW AT LEAST 1 INCH MOVEMENT IN ALL HORIZONTAL DIRECTIONS, OR PROVIDE STANDARD ESCUTCHEON AND PENETRATIONS WITH FLEXIBLE HEAD CONNECTIONS.



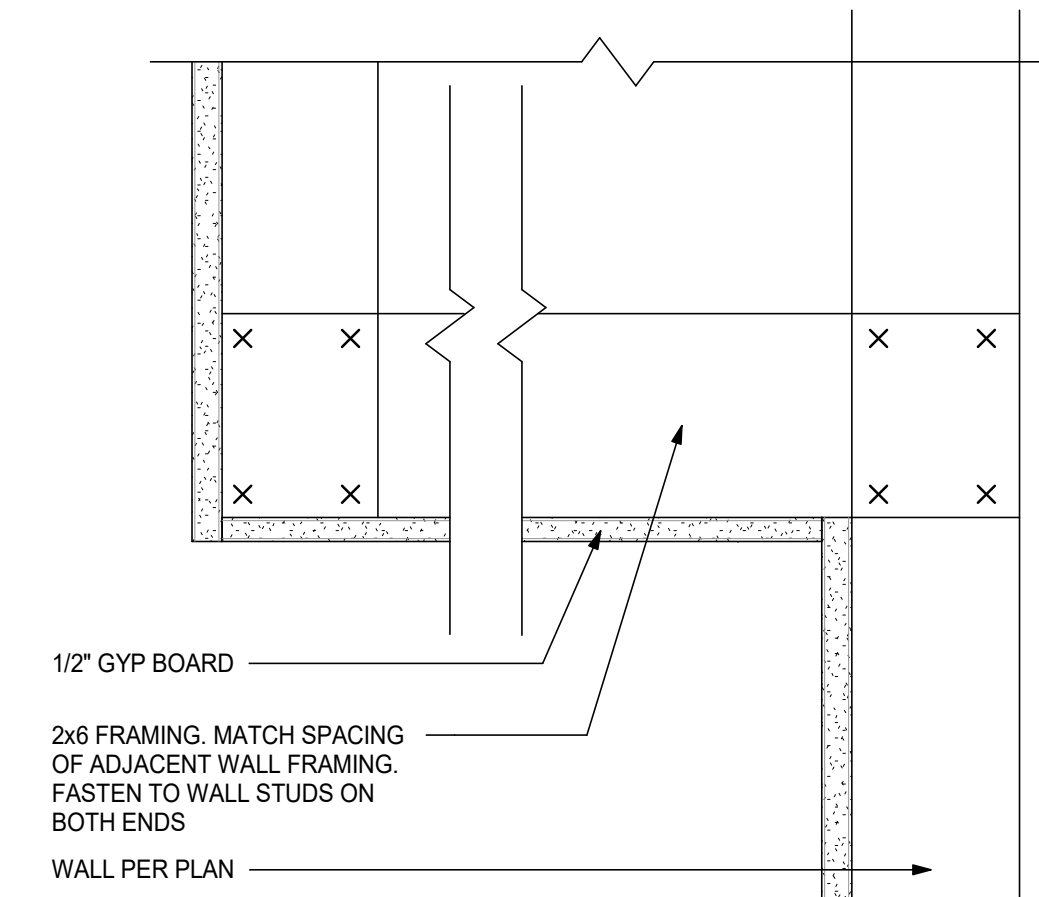
1 30-MIN CEILING
3" = 1'-0"



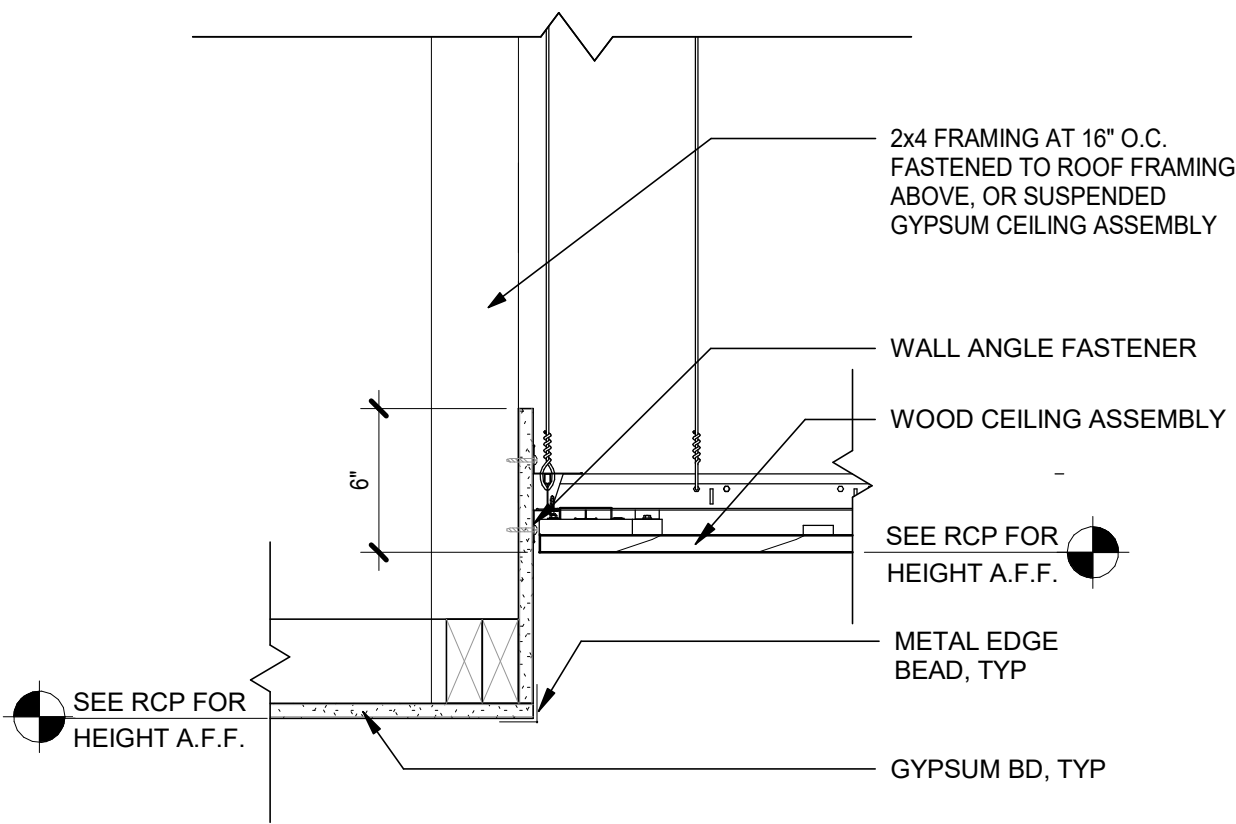
2 RATED CEILING/WALL INTERSECTION
3" = 1'-0"



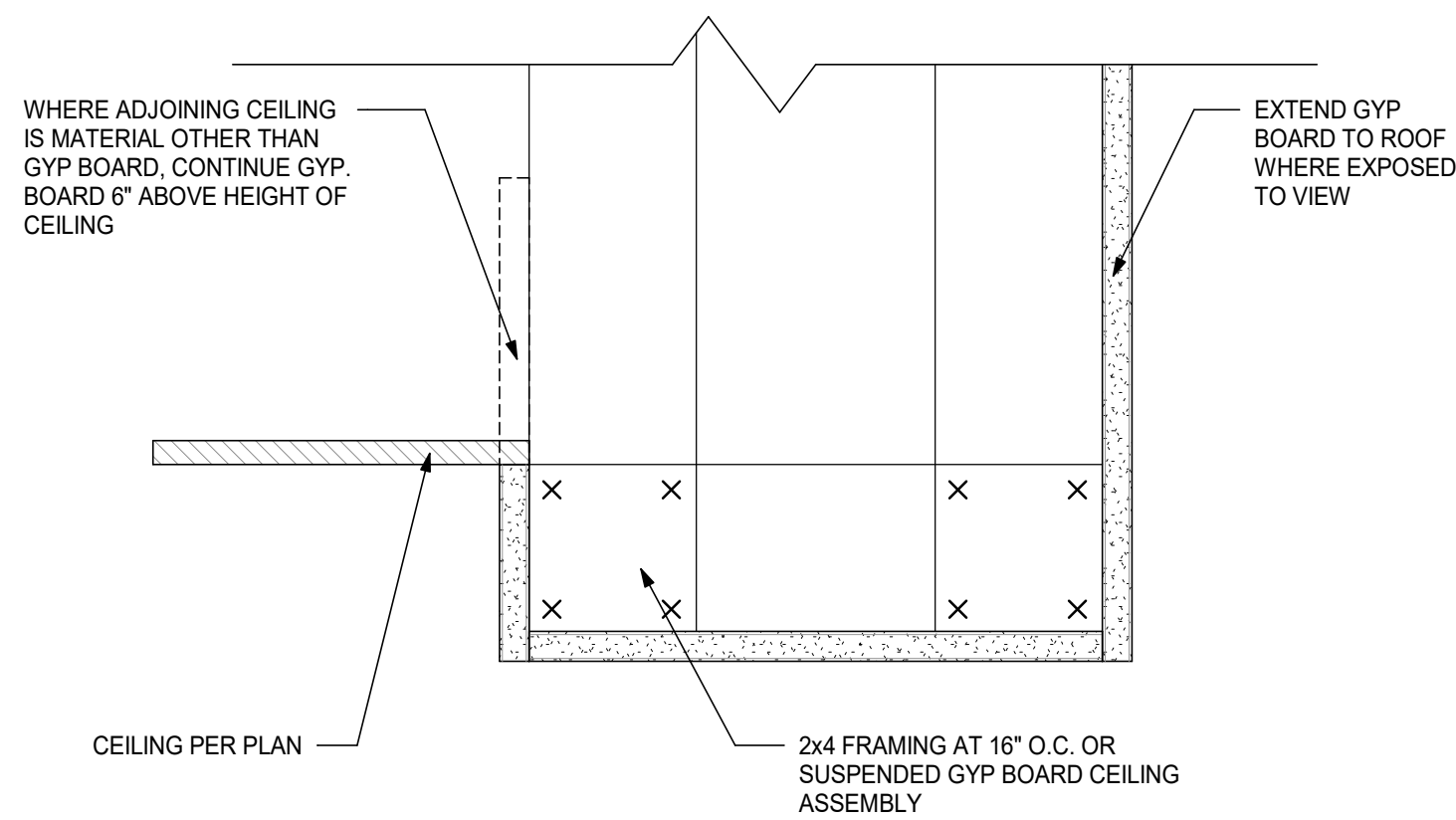
3 MECH ACCESS WALKWAY
3" = 1'-0"



4 APP BAY SOFFIT
3" = 1'-0"



5 GYP TRANSITION @ WOOD CEILING
1 1/2" = 1'-0"



6 TYP. SOFFIT AT CEILING TRANSITION
3" = 1'-0"

Project
Millersburg Fire Station 15
3215 Transition Parkway NE
Albany, OR 97321

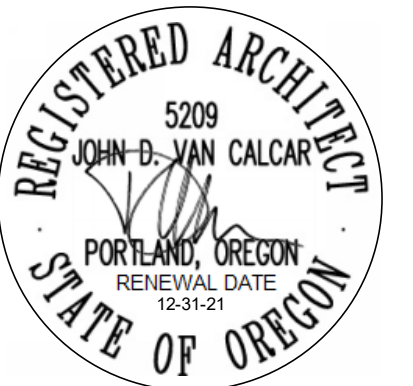


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Revisions

No.	Description	Date
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20006

Drawing Title

INTERIOR DETAILS - CEILINGS

Sheet No

A9.22



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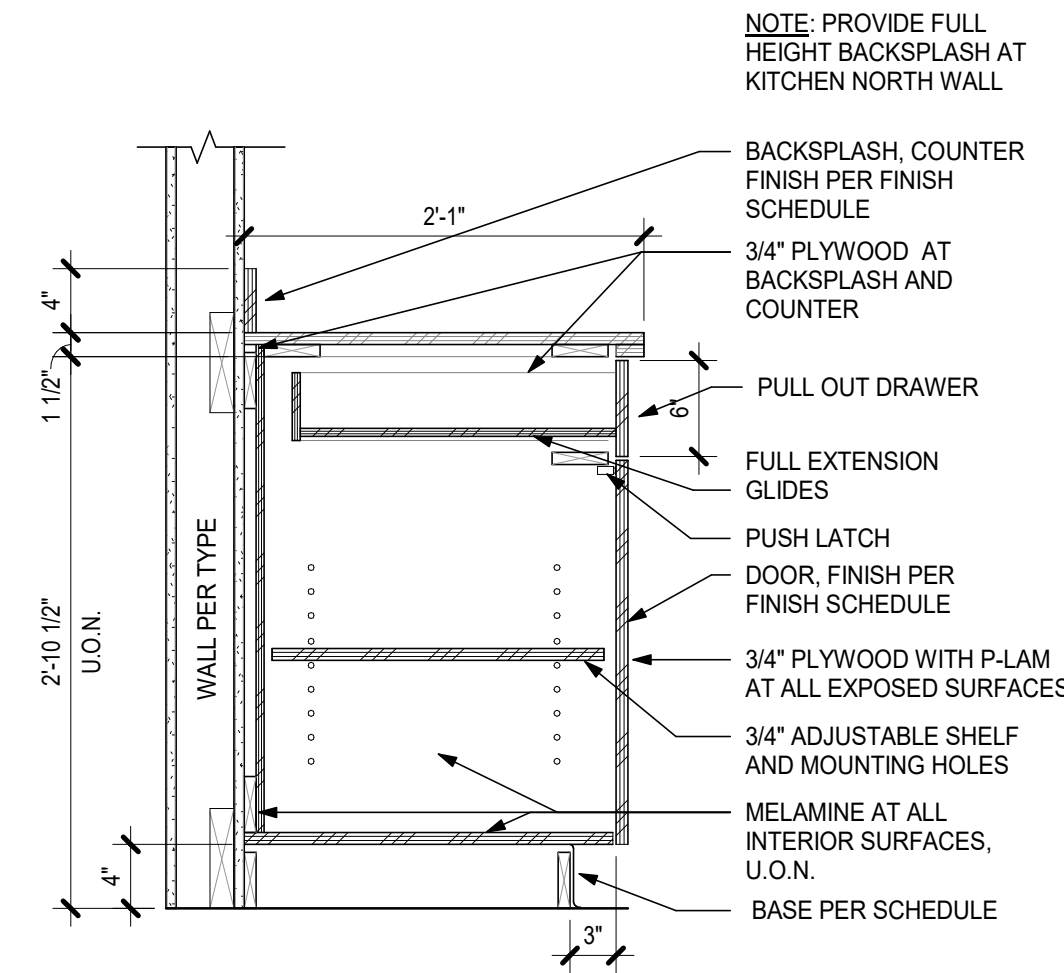
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Drawing Title

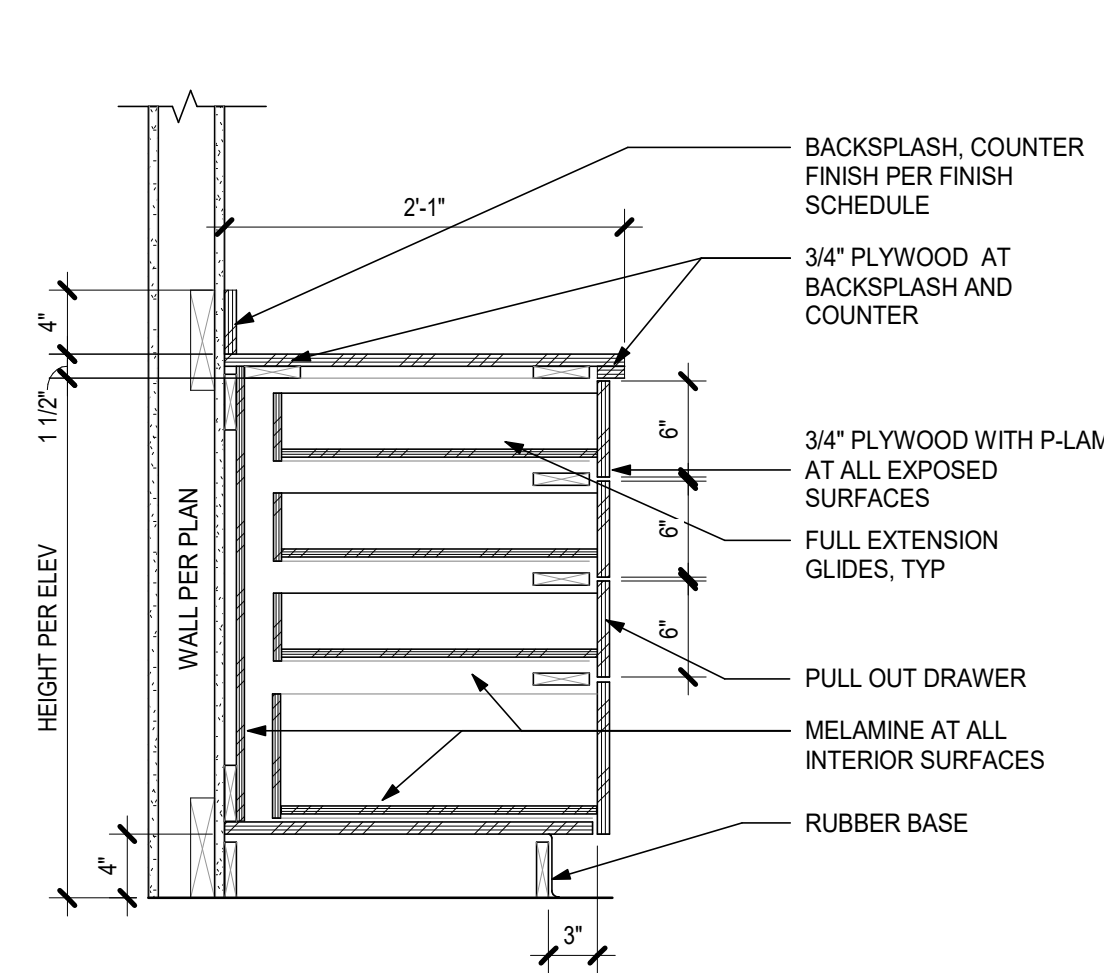
**INTERIOR DETAILS -
CASEWORK**

Sheet No

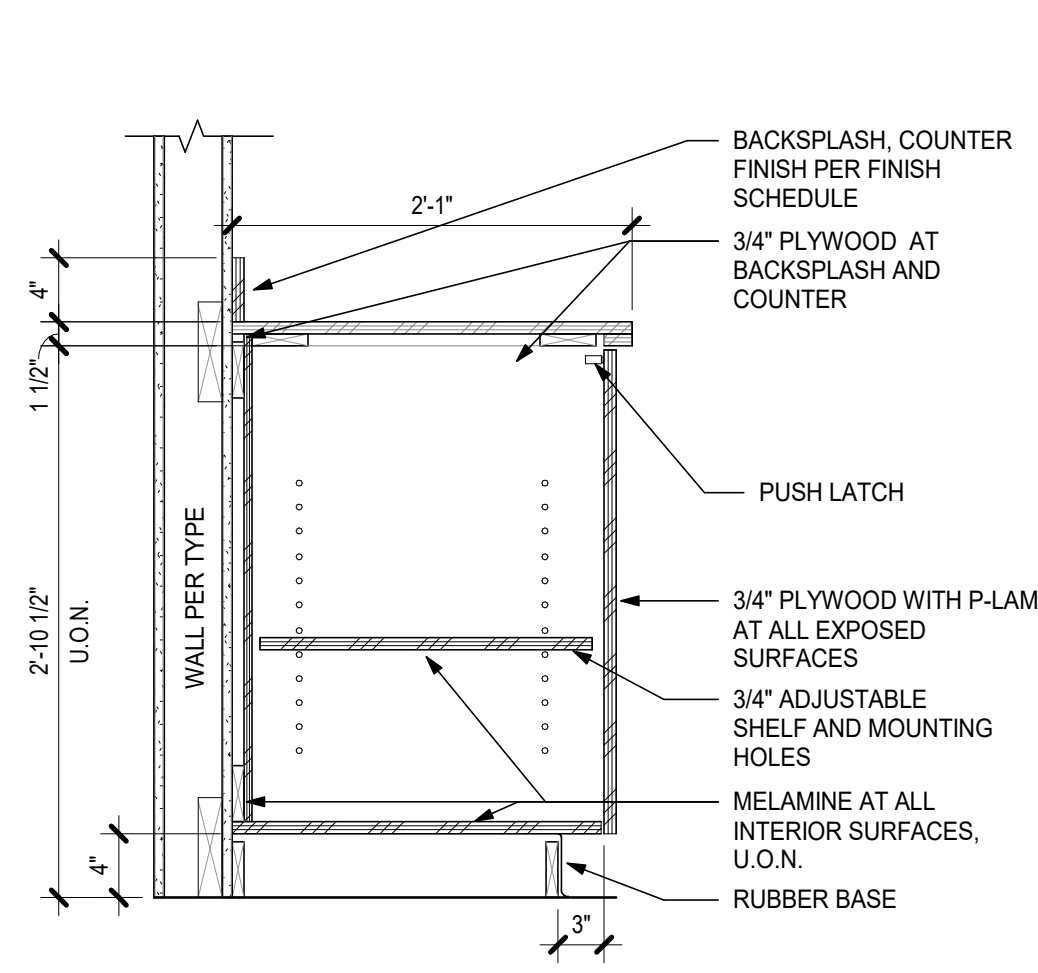
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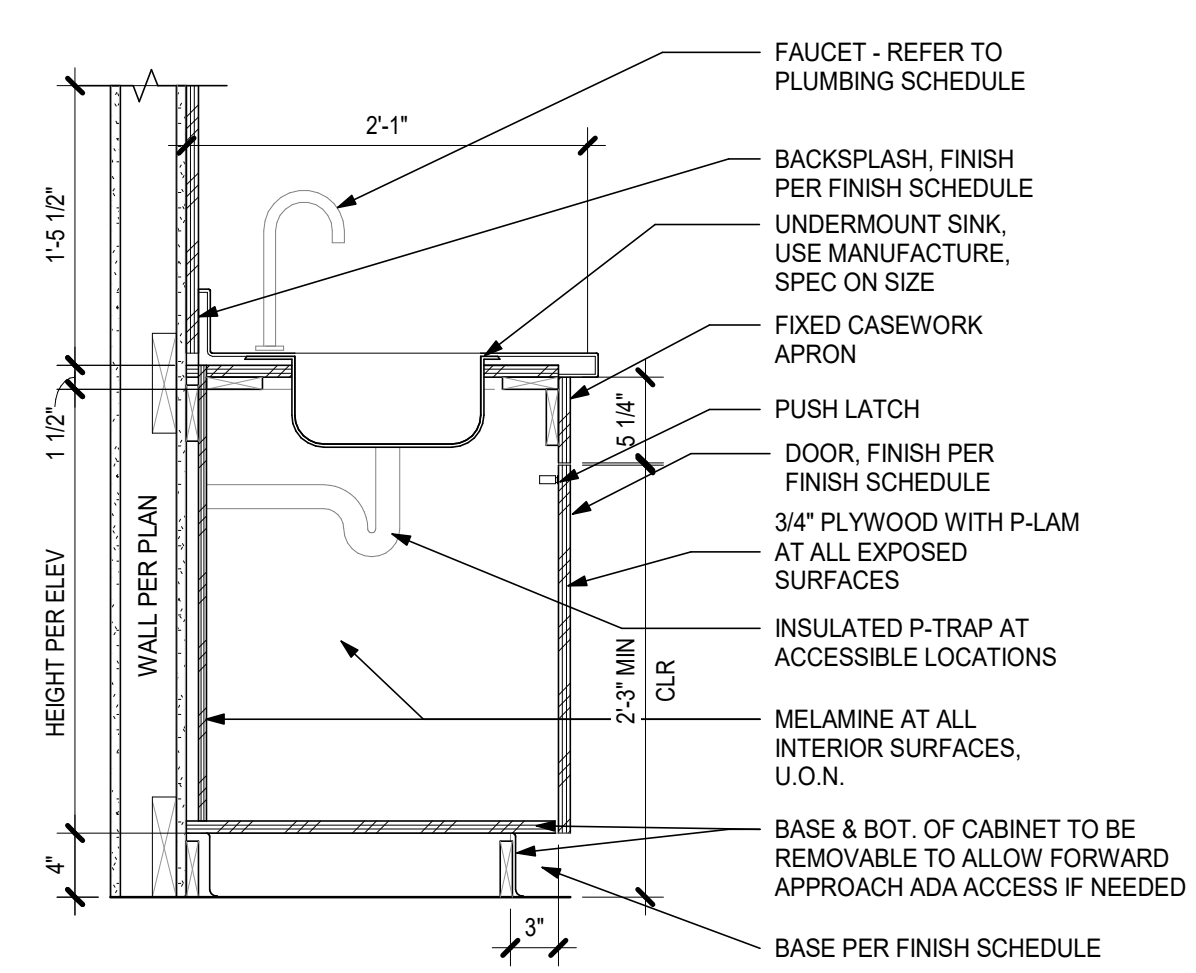
1 BASE CABINET- DOOR & DRAWER
1" = 1'-0"



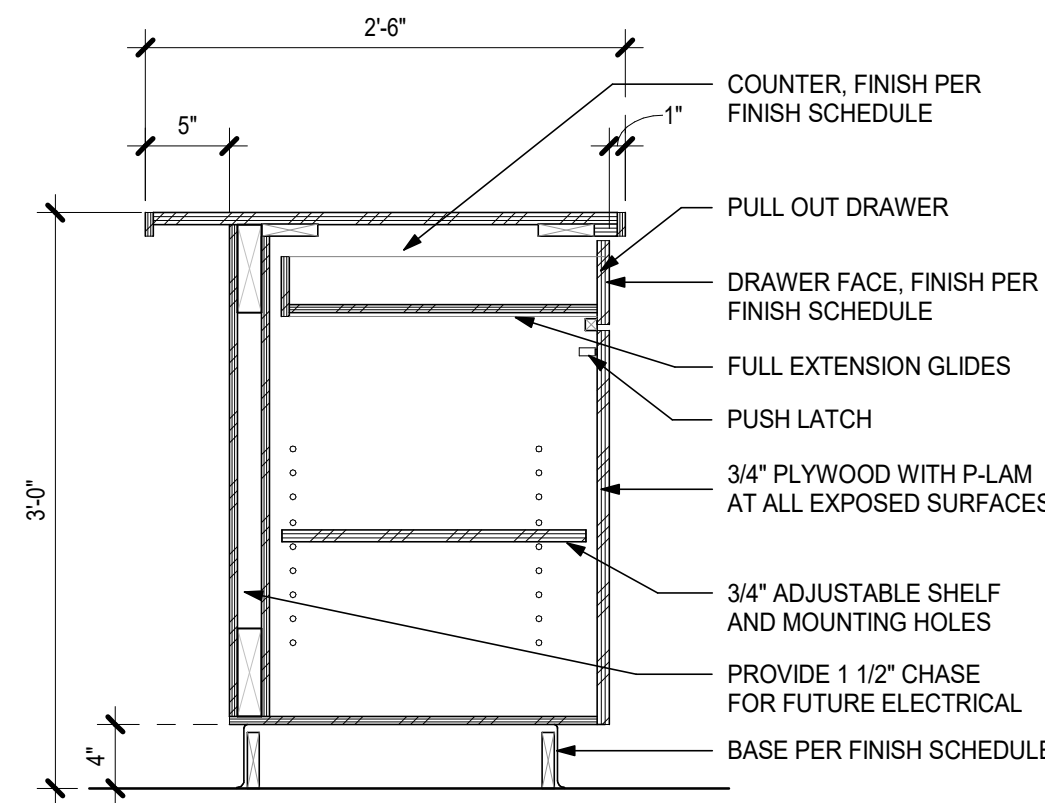
2 BASE CABINET- 4 DRAWER
1" = 1'-0"



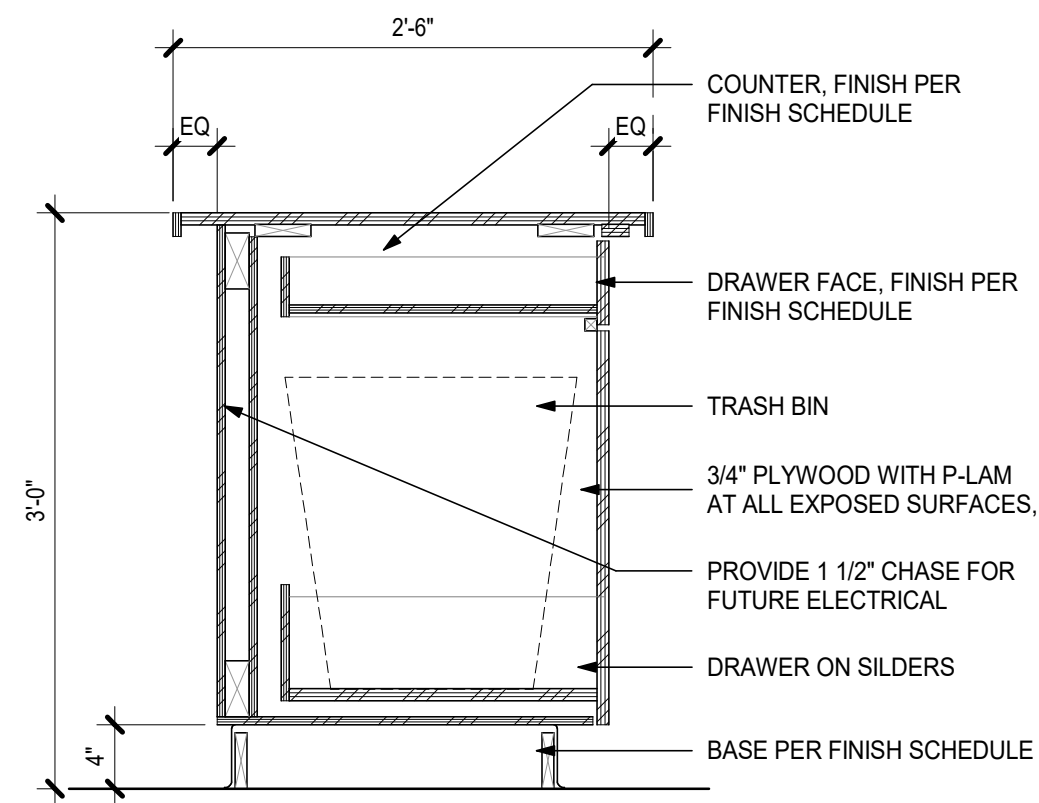
3 BASE CABINET- DOOR ONLY
1" = 1'-0"



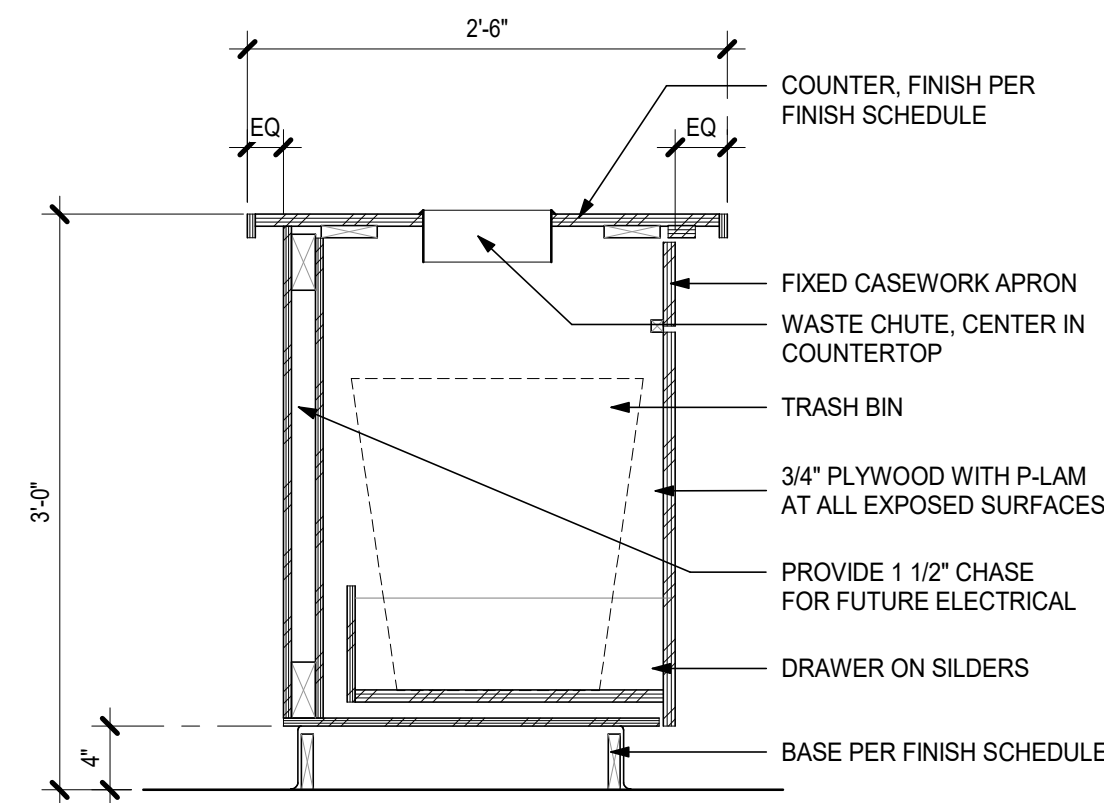
4 BASE CABINET- SINK
1" = 1'-0"



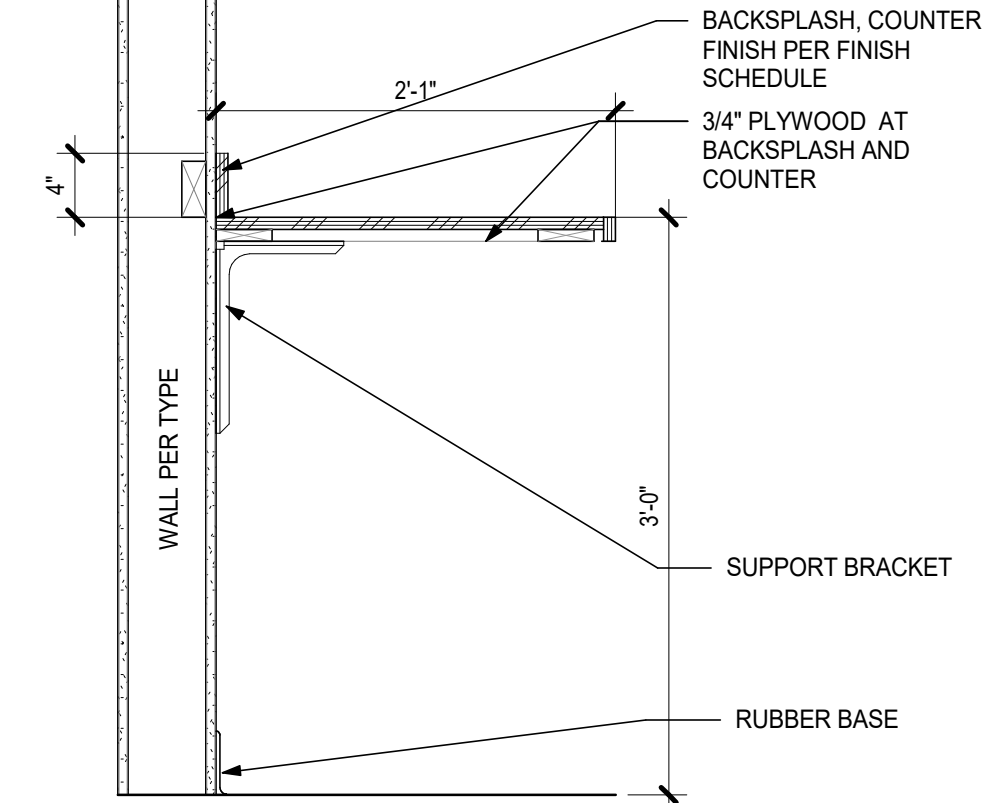
5 BASE CABINET- PENNINSULA
1" = 1'-0"



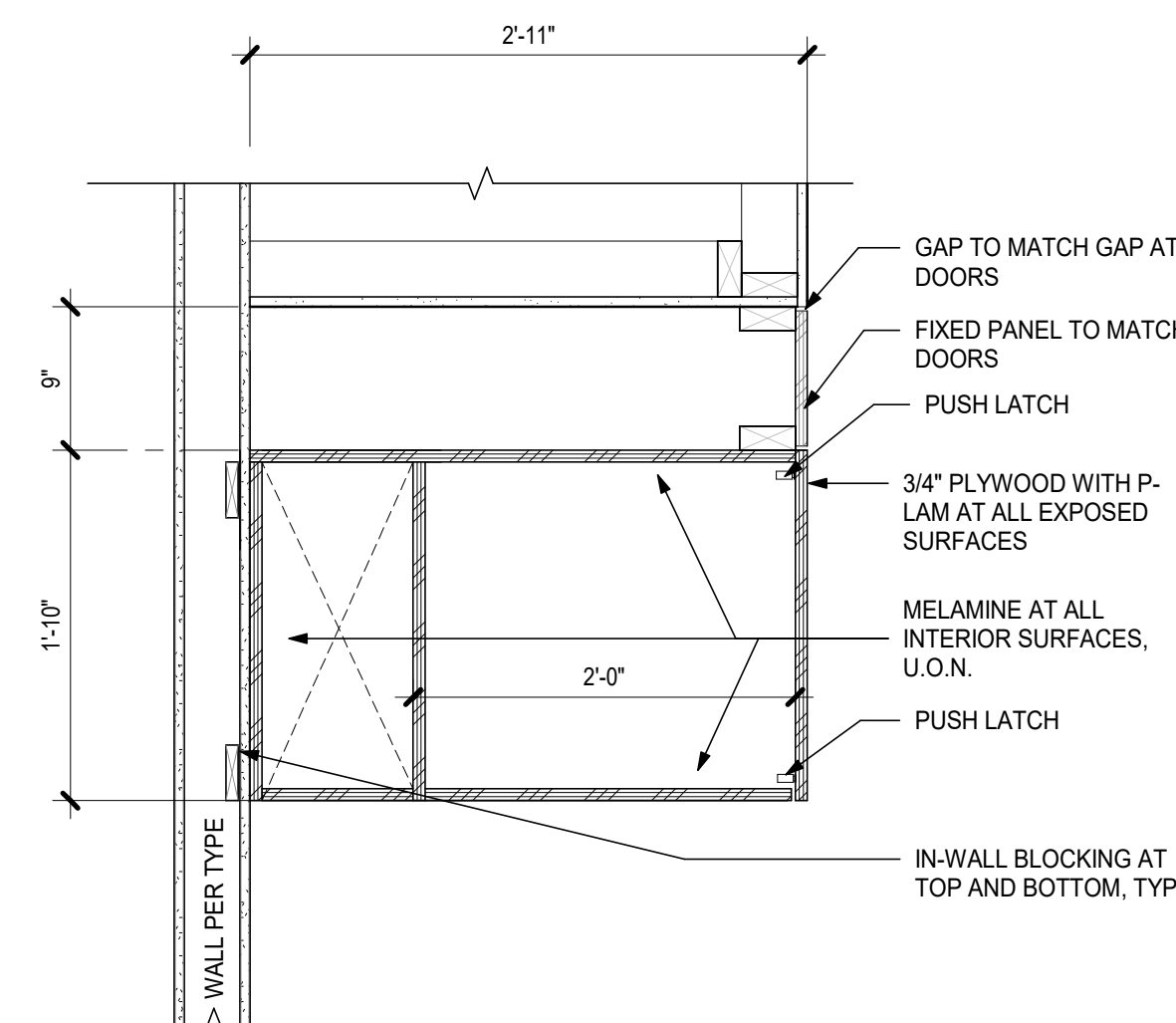
6 BASE CABINET- ISLAND
1" = 1'-0"



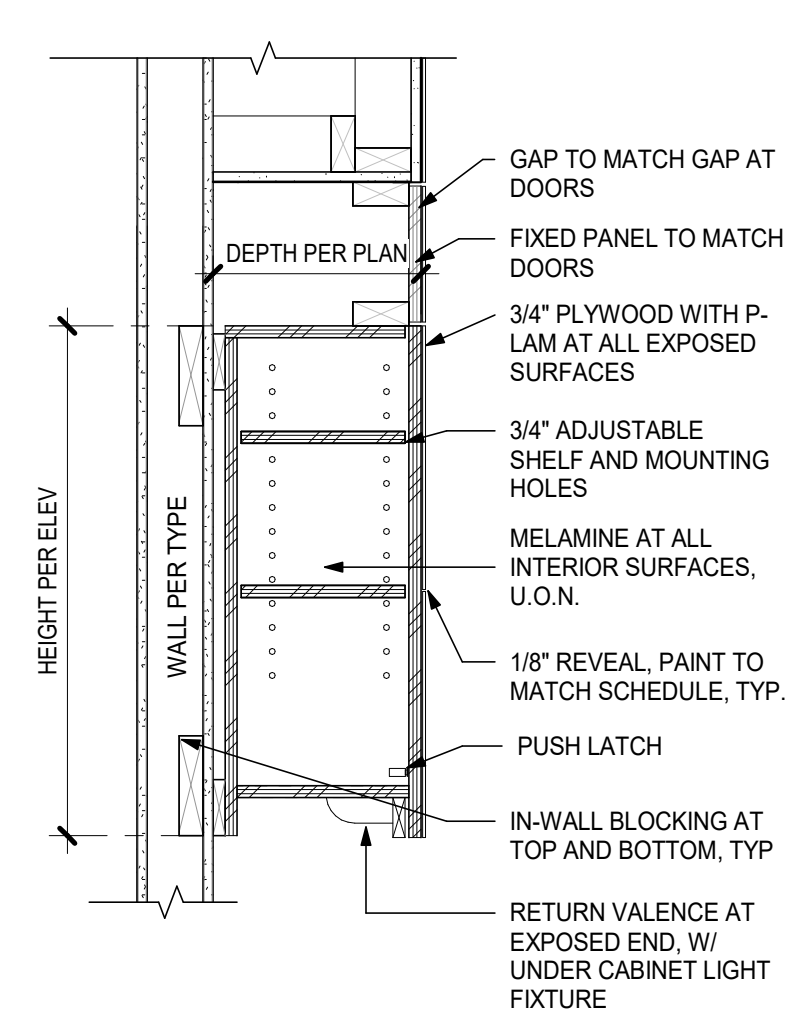
7 BASE CABINET- TRASH DRAWER
1" = 1'-0"



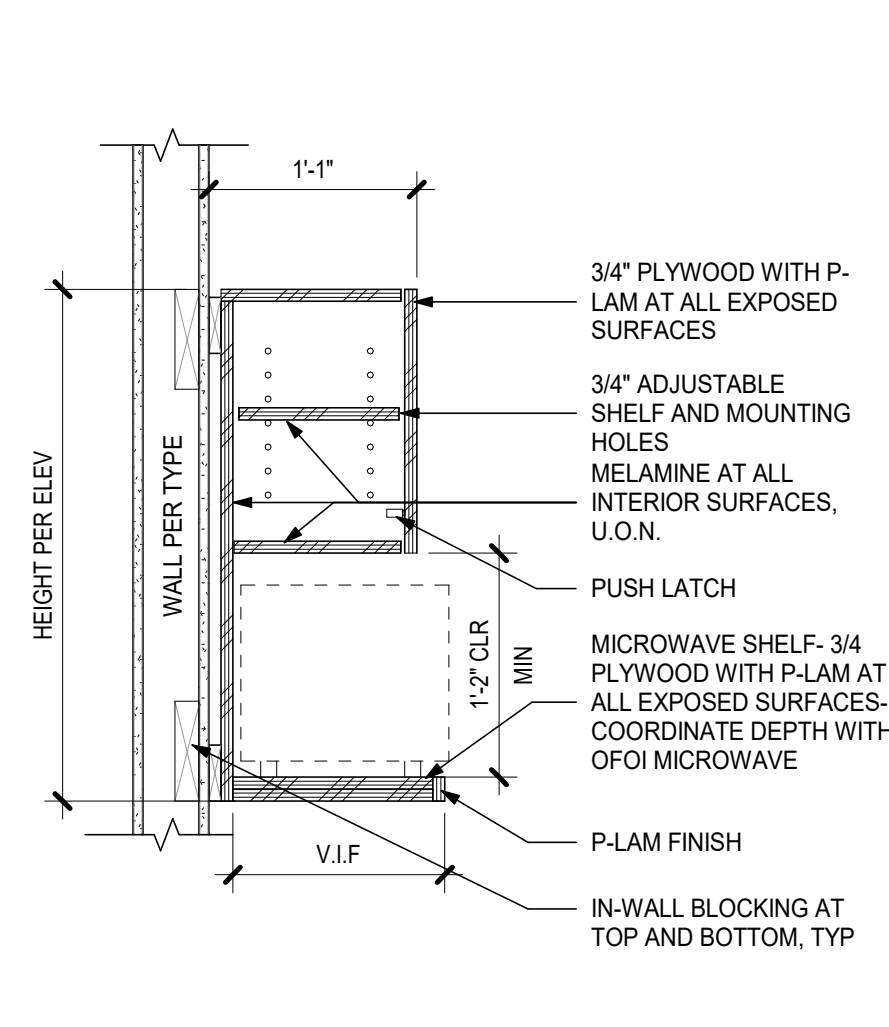
8 WORK COUNTER
1" = 1'-0"



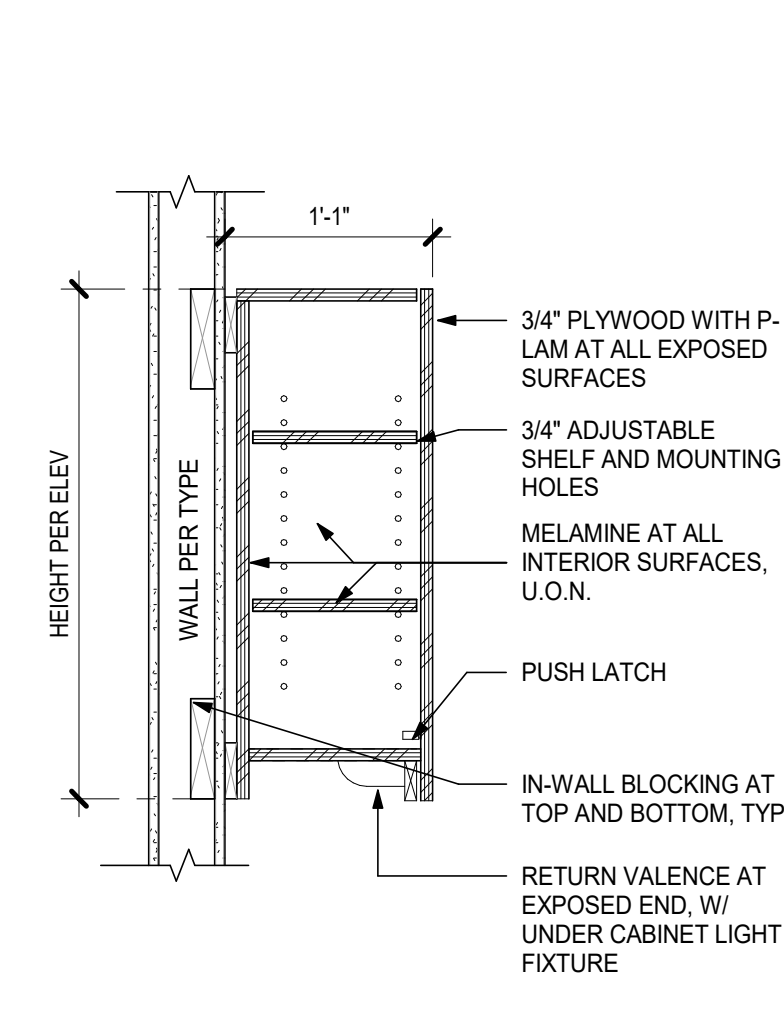
9 WALL CABINET- AT REFRIGERATOR
1" = 1'-0"



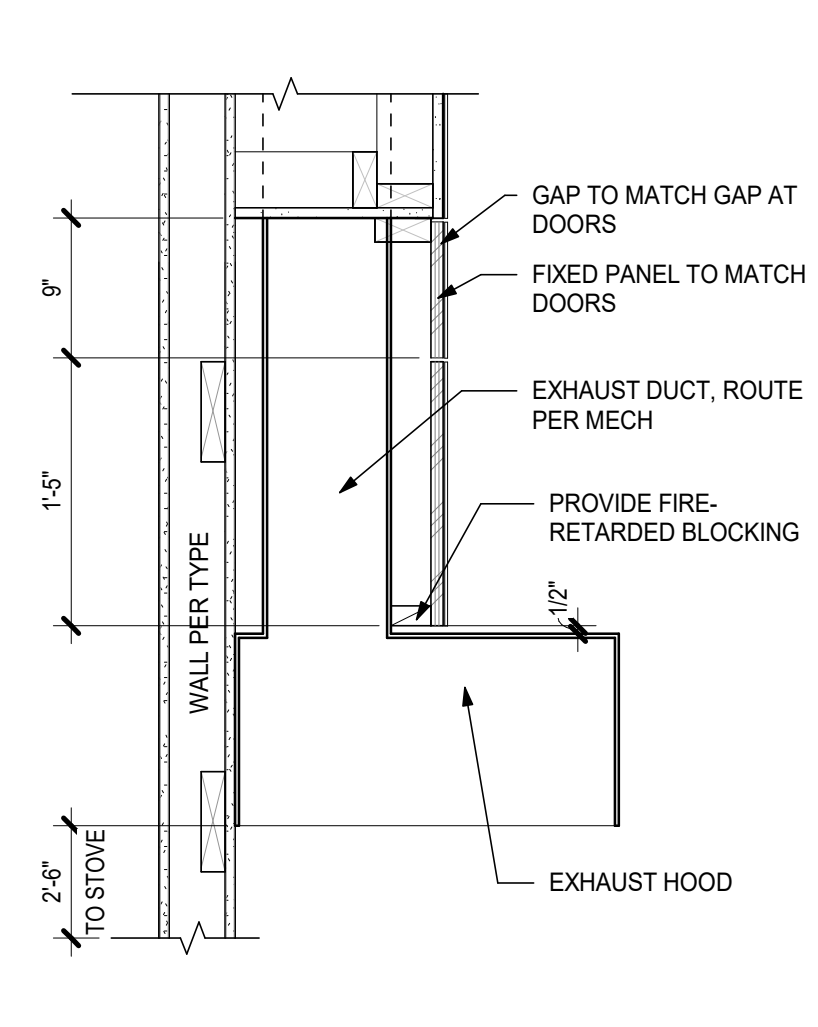
10 WALL CABINET- W/PANEL
1" = 1'-0"



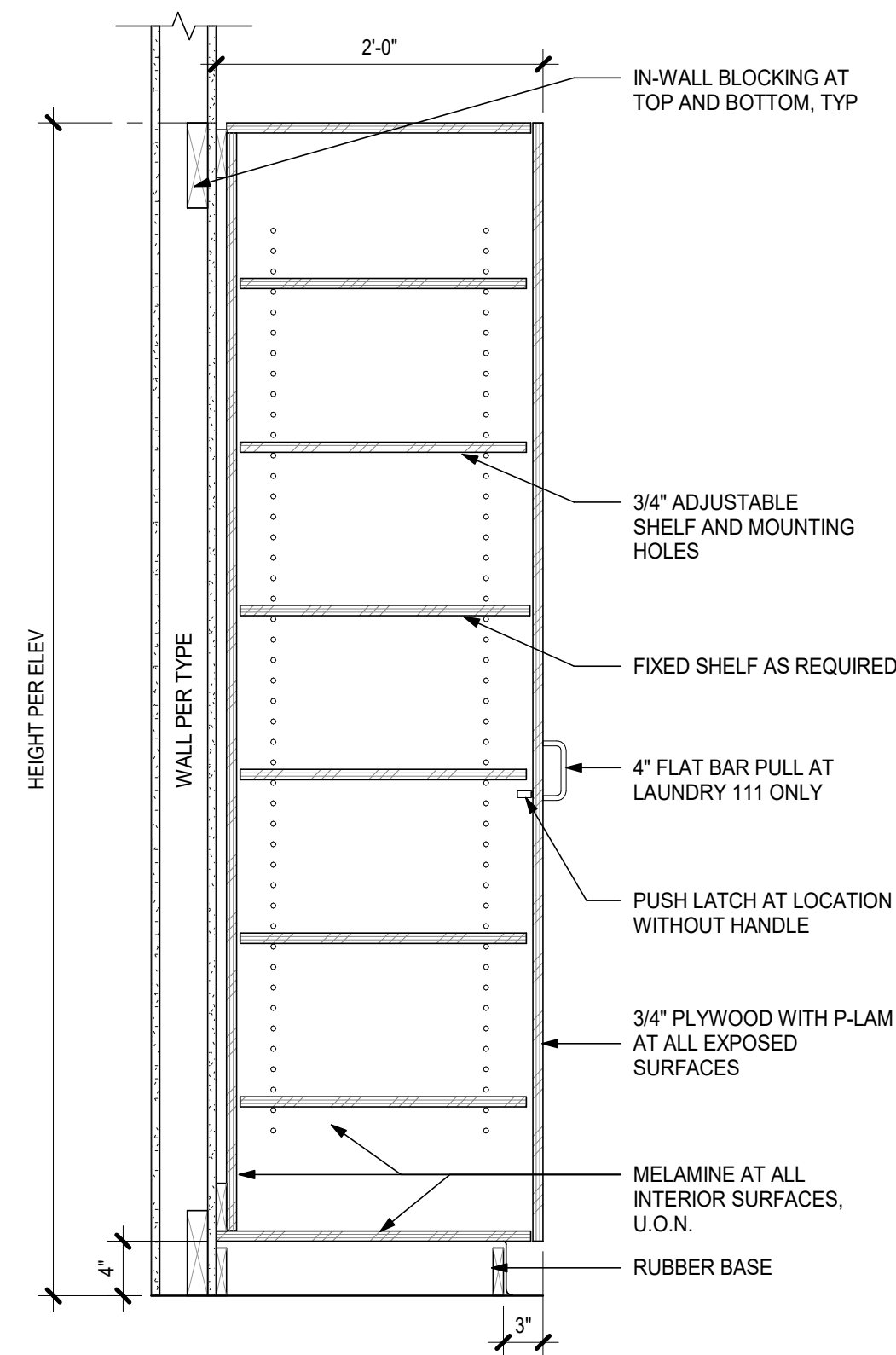
11 WALL CABINET- MICROWAVE
1" = 1'-0"



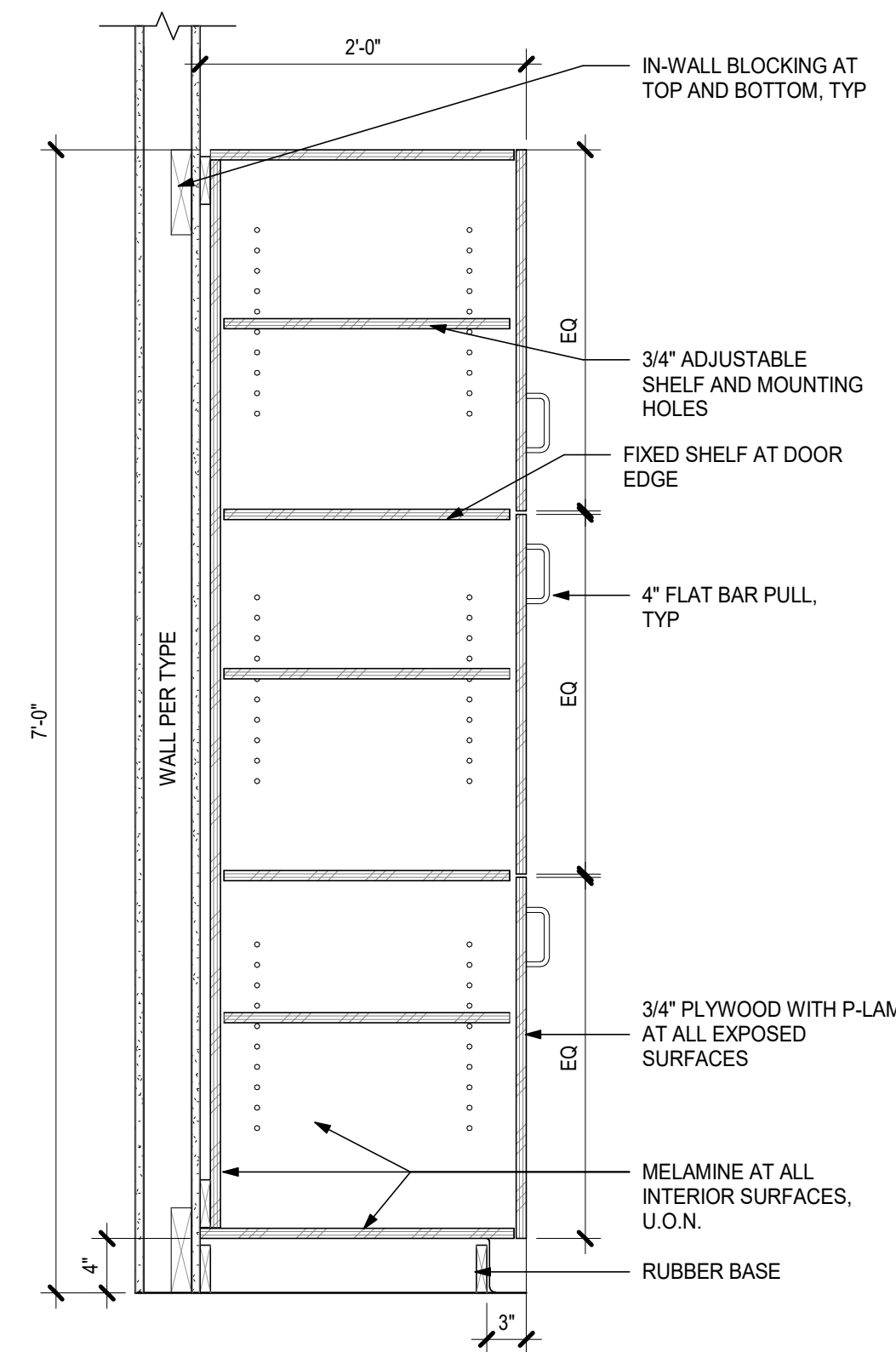
12 WALL CABINET- W/ VALENCE
1" = 1'-0"



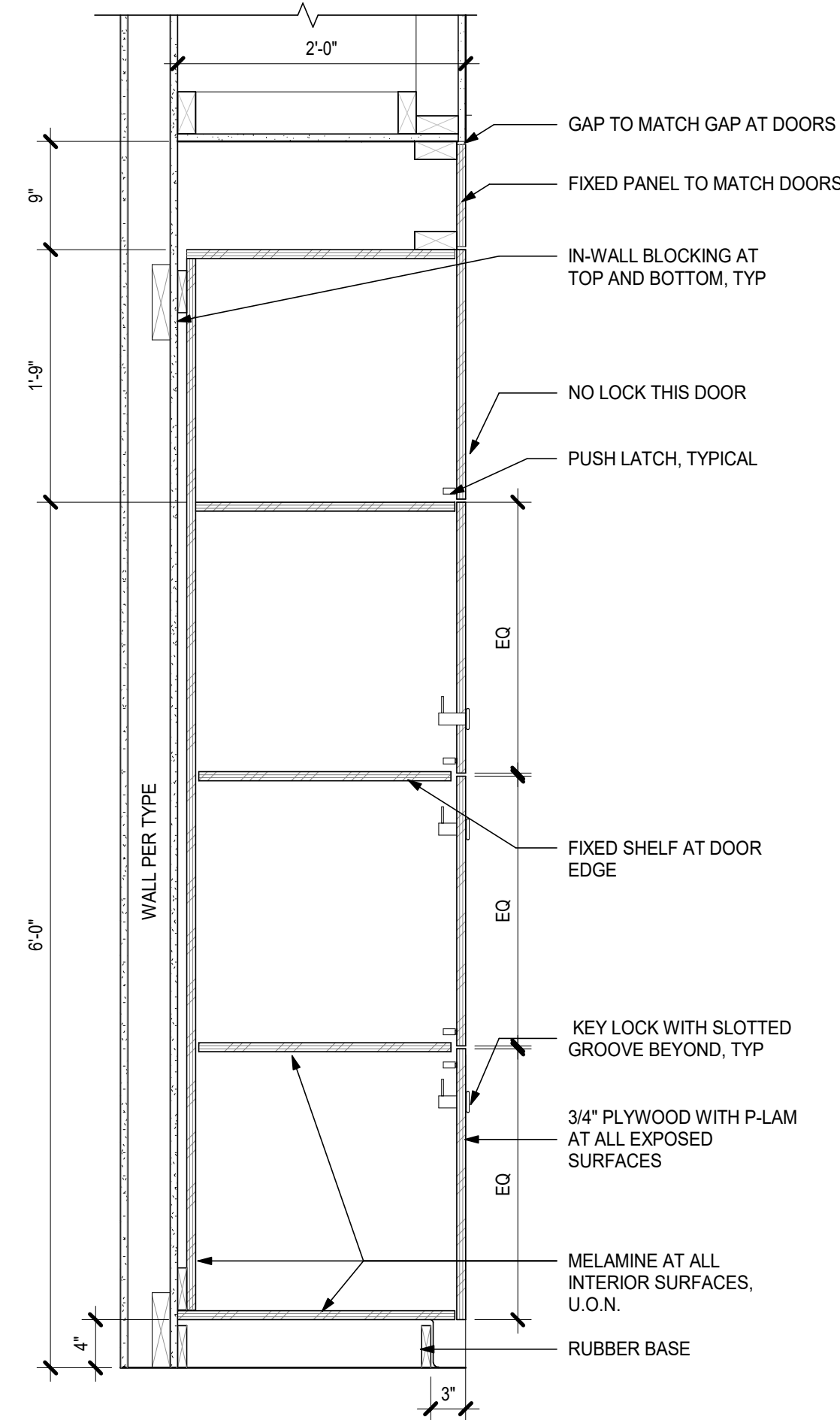
13 STOVE EXHAUST HOOD
1" = 1'-0"



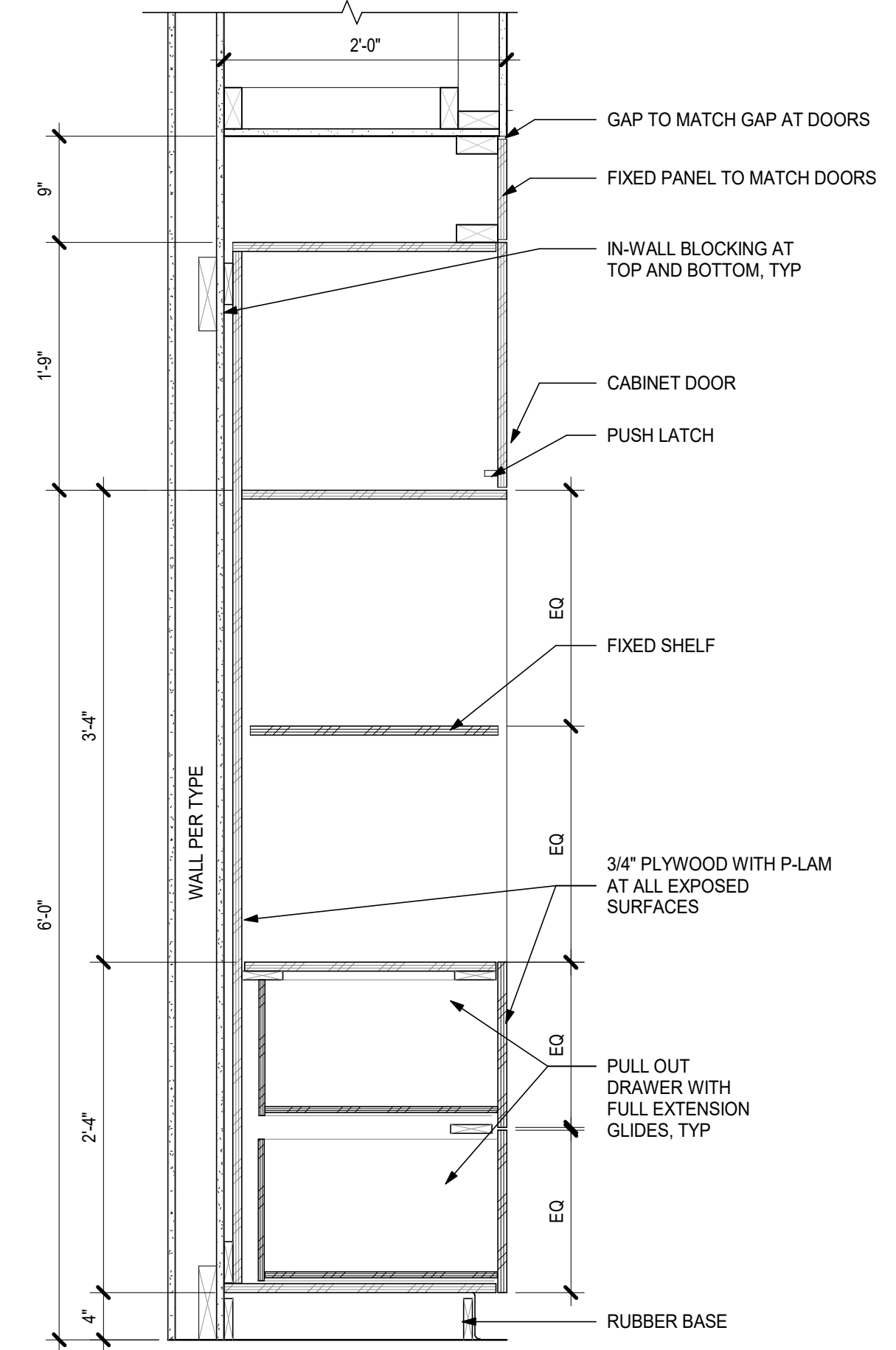
1 TALL CABINET
1" = 1'-0"



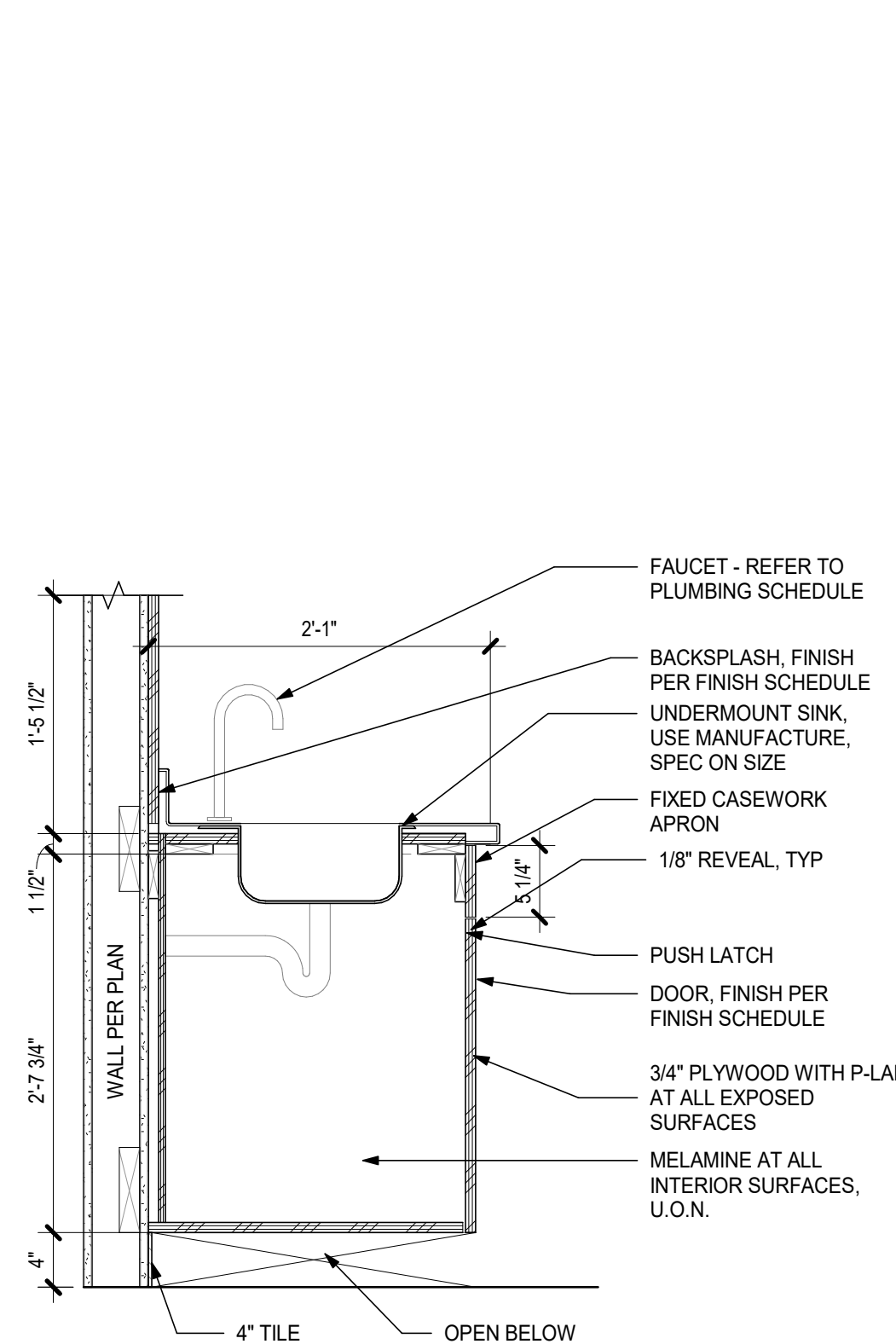
2 THREE DOOR CABINET
1" = 1'-0"



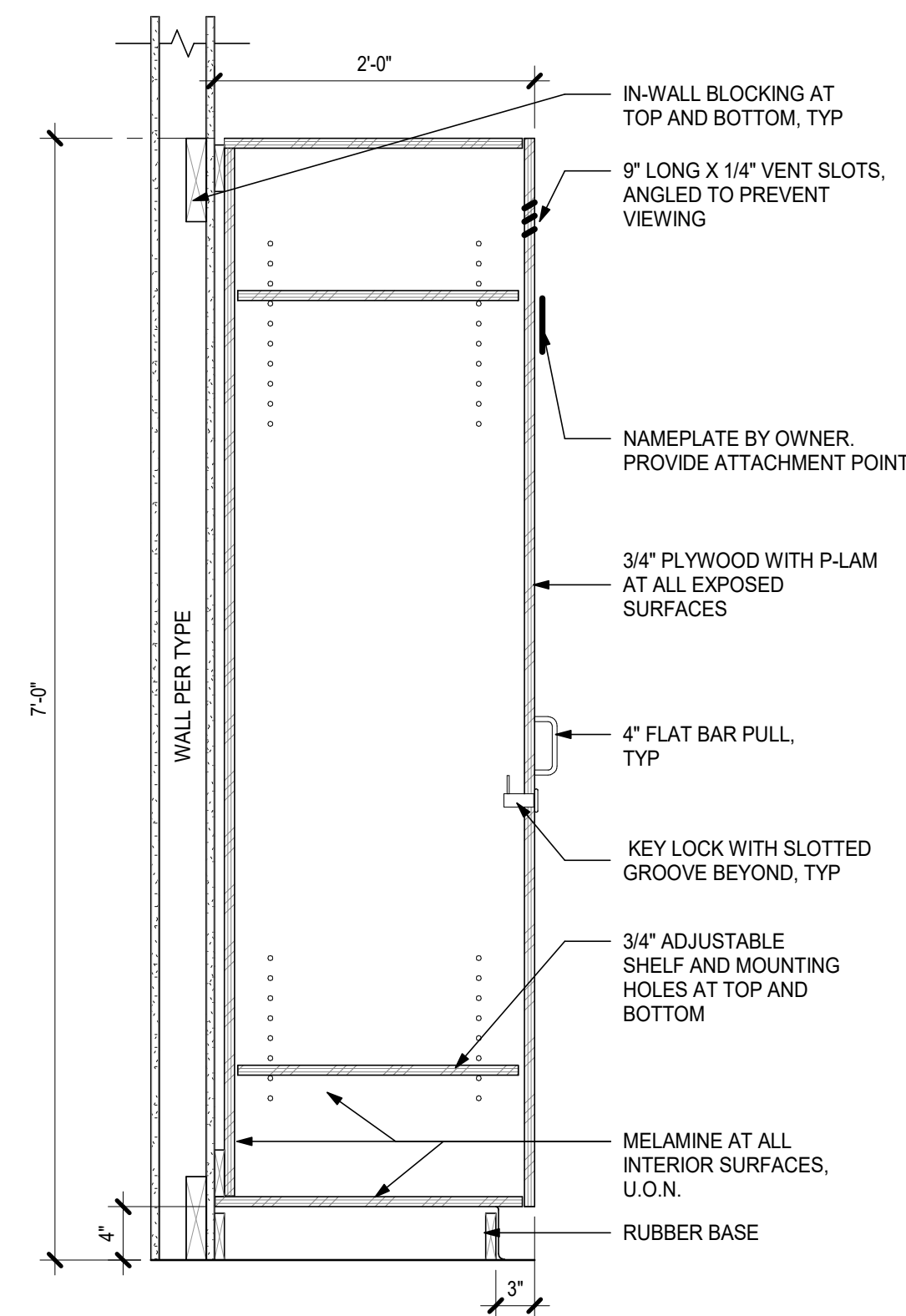
3 FOOD LOCKERS - LOCKING
1" = 1'-0"



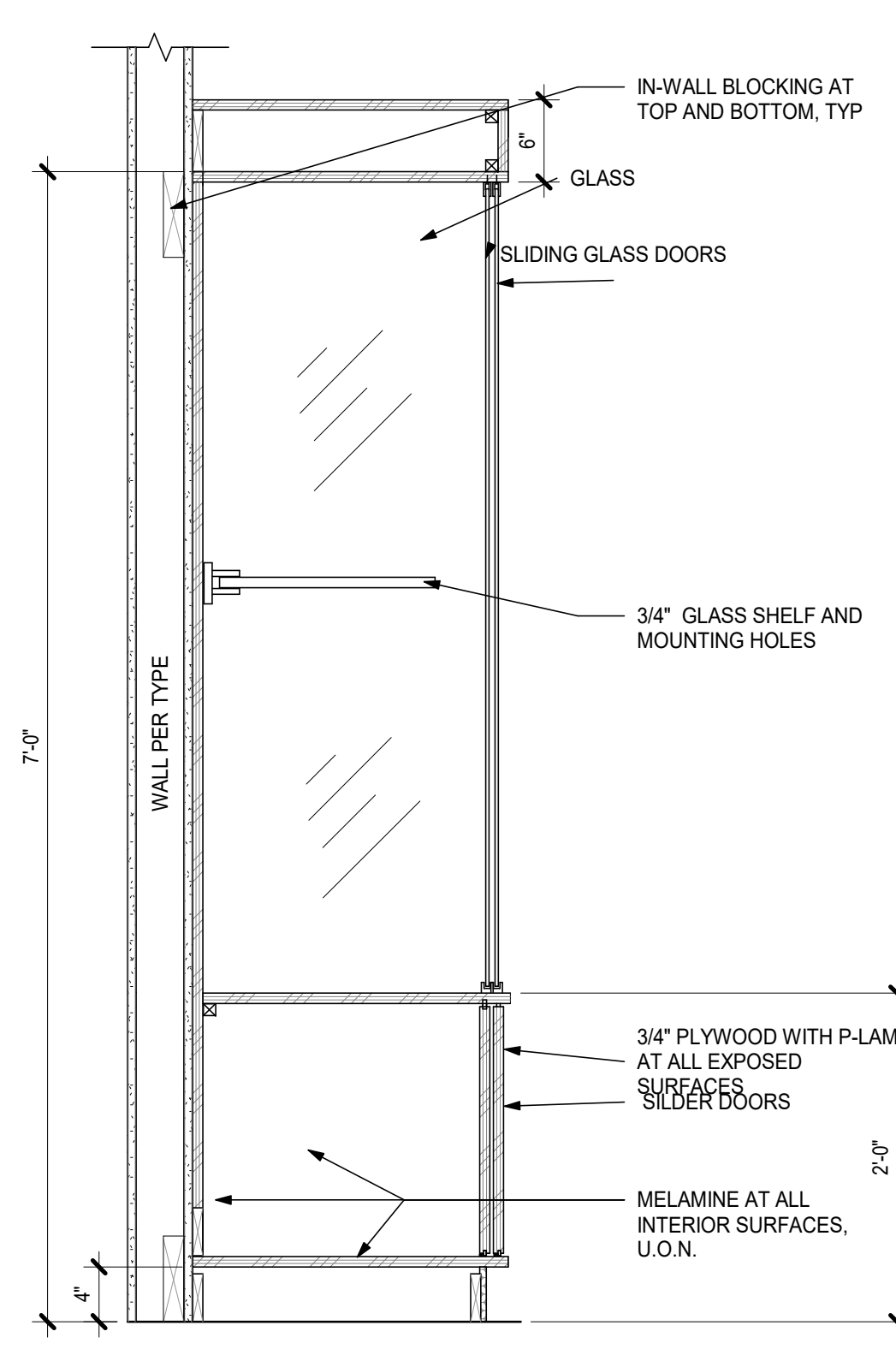
4 MICROWAVE CABINET
1" = 1'-0"



5 RESTROOM SINK CABINET
1" = 1'-0"



6 LOCKERS
1" = 1'-0"

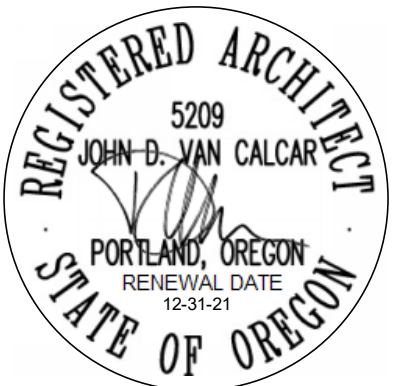


7 DISPLAY CASES
1" = 1'-0"

Revisions

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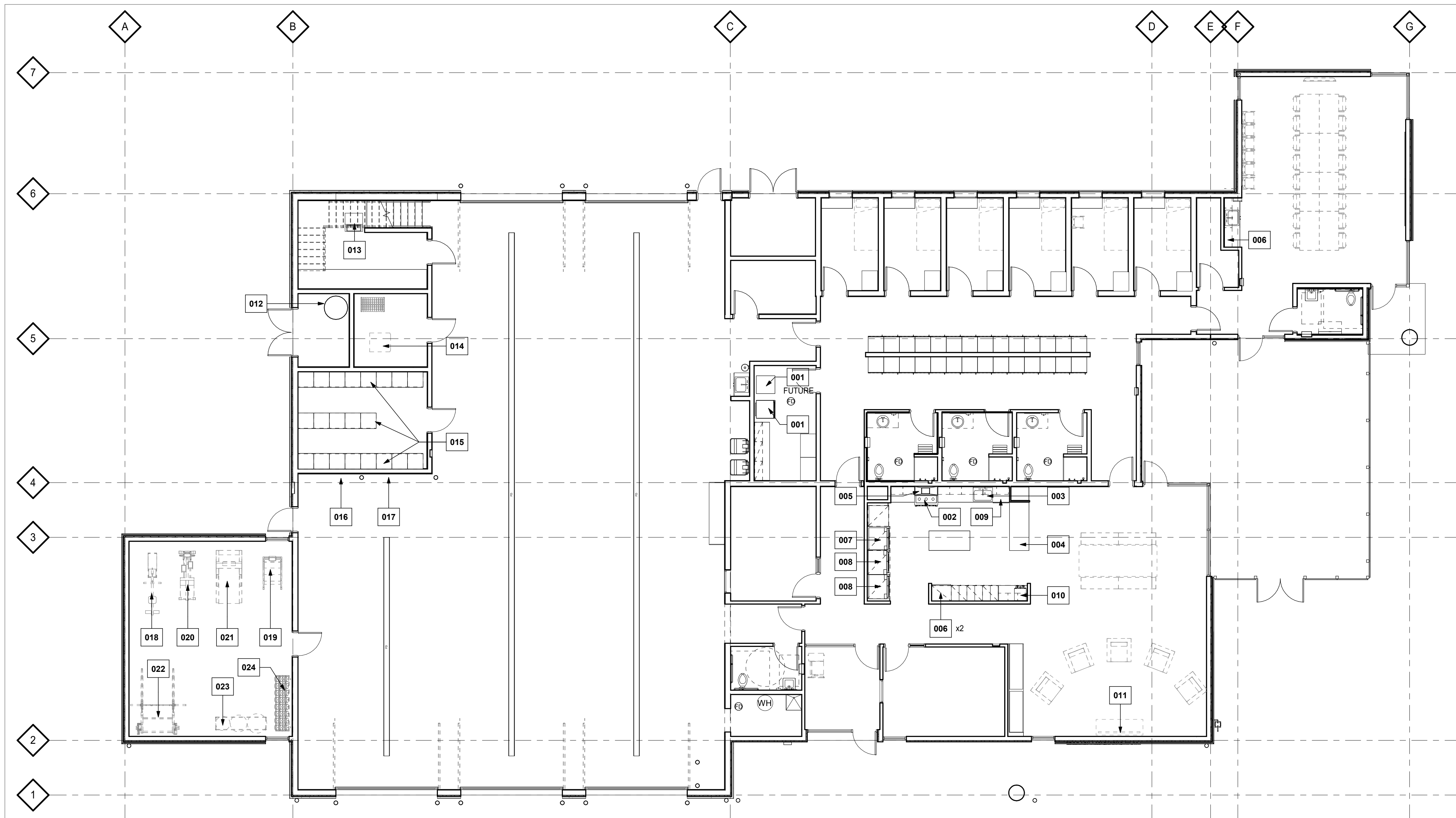
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Drawing Title

INTERIOR DETAILS - CASEWORK

Sheet No

A9.32



1 EQUIPMENT PLAN
1/8" = 1'-0"

Number	Type	Manufacturer	Model	Finish	Quantity	Accessories/NOTES	Responsibility	Notes
001	Combo Washer/Dryer	Speed Queen	ATEE9ASP175TW01	White	1	NOTE: Move from current Station 15. Requires water and power.	OFCI	7
002	6-Burner Gas Range/Oven	Themador	PRG366WH	Stainless Steel	1		CFCI	
003	Garbage Disposer	Insinkerator	Evolution 1-HP	Stainless Steel	1		CFCI	
004	Undercounter Refrigerator	Manf. Per Specifications	Size as specified	Stainless Steel	1		CFCI	
005	Exhaust Hood	Vent-a-Hood	Premier Magic Lung Series	Stainless Steel	1		CFCI	8
006	Microwave	Manf. Per Specifications	Size as specified	Stainless Steel	3		CFCI	
007	Refrigerator	Bosch	B26FT50SNS	Stainless Steel	1		CFCI	2
008	Refrigerator	Bosch	B36CT80SNS	Stainless Steel	2		CFCI	2
009	Dish Washer	Bosch	SHXM8827SN	Stainless Steel	2		CFCI	
010	Coffee Maker	Bunn	AXIOM-DV-APS,GF	Stainless Steel	1	NOTE: Move from current Station 15. Requires water and power.	OFOI	9
011	TV	MFG/Model per Owner			2	NOTE: Move from existing Station 15. Wall Mount Bracket. Right type for application. Stationary or swivel.	OFCI	1
012	Air Compressor	Quincy Compressor	QTV-54E, 60 Vert, AM		1	NOTE: Install to 125 psi at discharge.	CFCI	5
013	Ice Maker - Floor Mount	Maxx Ice	MIM250	Stainless Steel	1		CFCI	2
014	Turn Out Extractor	Dexter	T-600	Stainless Steel	1		CFCI	3
015	Turn Out Storage Rack	Gear Grid		Stainless Steel	21	NOTE: Move (12) from station 15. Order (9) additional. (1) triple, (3) double.	CFCI	4
016	Hose Rack	N/A					OFOI	4
017	Bottle Rack	N/A			1	NOTE: Move from station 15.	OFOI	
018	Rowing Machine	Concept 2	Model E	Black	1	Wall Mount Bracket	OFOI	
019	Stair Stepper	Stairmaster	8 Series Gauntlet	Black	1		OFOI	
020	Elliptical	Star Trac	Model 8RDE	Black	1		OFOI	
021	Treadmill	Star Trac	Model 10 TRX Freerunner	Black	1		OFOI	
022	Squat Rack	Rogue	Monster Lite RML-390C 3.0	Rogue Red	1		OFOI	
023	Kettlebell Rack	Rogue	Universal Storage System 2.0	Black	1	Shelf option #1 kettlebell, shelf	OFOI	
024	Dumbbell Rack	Rogue	Universal Storage System 2.0	Black	1	Option #2 & 3 dumbbell	OFOI	

Responsibilities
 OFCI Owner Furnished Equipment - Contractor Rough in and Installation
 OFOI Owner Furnished Equipment - Owner Install
 CFCI Contractor Furnished Equipment - Contractor Rough In and Installation
 OFCR Owner Furnished and Installed Equipment, Contractor Rough In

EQUIPMENT SCHEDULE NOTES

- CONTRACTOR RESPONSIBLE FOR POWER, DATA, AND CABLE CONNECTION AT TV LOCATION. CONTRACTOR RESPONSIBLE FOR REQUIRED BACKING, AND INSTALLATION OF BRACKETS AND PATHWAYS FOR OTHER CABLING SUCH AS HDMI AND USB AS INDICATED ON DRAWINGS
- REQUIRES STANDARD FLOOR SINK FOR CONDENSATE DRAIN
- REQUIRES DEEP FLOOR SINK WITH SANITARY SPLASH SCREEN
- CONTRACTOR RESPONSIBLE FOR VERIFYING AS-BUILT CLEAR DIMENSIONS TO ALLOW FOR INSTALLATION OF NUMBER OF UNITS SHOWN
- LOCATED IN SOUND ISOLATED CLOSET (EXTERIOR MAINTENANCE) ACCESSED THROUGH VENTED EXTERIOR DOOR
- CONTRACTOR TO VERIFY SPACE REQUIREMENTS.
- INSTALL 1 NOW, LOCATION/PLUMBING FOR 2ND IN FUTURE
- REMOVABLE GREASE TRAP
- VENDOR WILL PROVIDE AND INSTALL

SHEET NOTES

- FURNITURE SHOWN FOR REFERENCE ONLY. FURNITURE TO BE OWNER FURNISHED, OWNER INSTALLED.
- REFER TO PLUMBING FOR SPECIFICATIONS OF PLUMBING FIXTURES AND EQUIPMENT.

1200 NW Naito Parkway, Suite 410
Portland, OR 97209

T 503-228-5617
F 503-227-8584

sdra.com

Project
 Millersburg Fire Station 15
 3215 Transition Parkway NE
 Albany, OR 97321



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Revisions

No.	Description	Date

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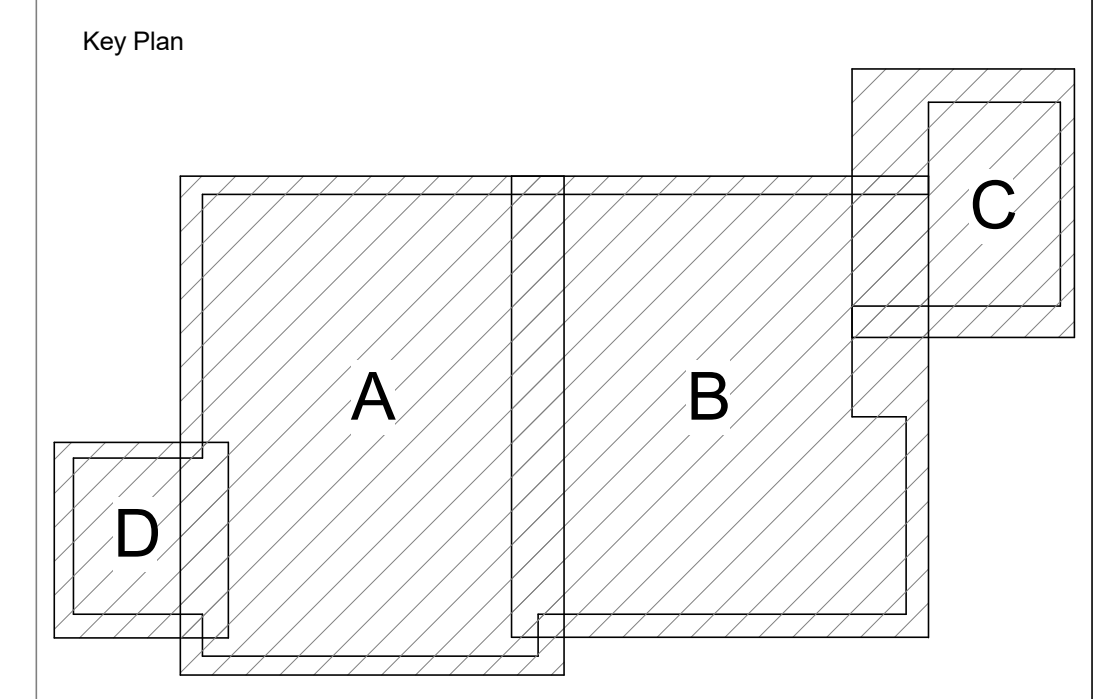
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Project Number
 20006

Drawing Title
EQUIPMENT SCHEDULE

Sheet No
EQ1.01



ROOM FINISH SCHEDULE

Level	ROOM #	ROOM NAME	FLOOR	BASE	WALLS				CEILING	CASEWORK FINISH CODE* (SEE NOTES)	MISC	Area
					NORTH	EAST	SOUTH	WEST				
LEVEL 1	101	LOBBY	WOM-1	RB-1	PT-1/WP-1	PT-1/WP-1	PT-1/WP-1	PT-1/WP-1	WD-1	---	WP-1, 48" HIGH WALL PROTECTION ON ALL WALLS.	105 SF
LEVEL 1	102	HALLWAY	CONC-1	RB-1	PT-1/WP-1	PT-1/WP-1	PT-1/WP-1	PT-1/WP-1	ACT-1	---	WP-1, 48" HIGH WALL PROTECTION ON ALL WALLS.	219 SF
LEVEL 1	103	HALLWAY	CONC-2	RB-1	PT-1	PT-1	PT-1	PT-1	PT-2	---		40 SF
LEVEL 1	104	ADA RESTROOM	CONC-1	RB-1	T-1 / PT-4	T-1 /PT-4	T-1 /PT-4	T-1 /PT-4	PT-2	PL-3 / S.S-2		51 SF
LEVEL 1	105	LT. OFFICE	CONC-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	---		160 SF
LEVEL 1	106	KITCHEN	CONC-1	RB-1	T-1-2	PT-1	PT-1	PT-1	PT-1	PL-1/2 / S.S-1		293 SF
LEVEL 1	107	DINING	CONC-1	RB-1	PT-1/WP-2	PT-1	PT-1	PT-1	PT-1	PT-1/WD-1		338 SF
LEVEL 1	108	DAYROOM	CONC-1	RB-1	PT-1/WP-2	PT-1/WP-2	PT-1 /WP-4	PT-1/WD-2	PT-1/WD-1	---	SEE A9.32 FOR CAB DETAIL	440 SF
LEVEL 1	109	OFFICE	CONC-1	RB-1	PT-1	PT-1	PT-1	PT-1	PT-1	---		179 SF
LEVEL 1	110	LOCKERS	CONC-1	RB-1	PT-1	PT-1	PT-1	PT-1	OTS	PL-2	PT-3 AT EXPOSED PIPES, 48" HIGH CORNER GUARDS, ACOUSTICAL PANELS ON UPPER WALL	707 SF
LEVEL 1	111	LAUNDRY	CONC-1	RB-1	PT-2	PT-2	PT-2	PT-2	PT-1	PL-3 / S.S-3		116 SF
LEVEL 1	112	RESTROOM	CONC-1	T-1 / PT-4	T-1 /PT-4	T-1 /PT-4	T-1 /PT-4	T-1 /PT-4	PT-2	PL-3 / S.S-2		77 SF
LEVEL 1	113	RESTROOM	CONC-1	T-1 / PT-4	T-1 / PT-4	T-1 /PT-4	T-1 /PT-4	T-1 /PT-4	PT-2	PL-3 / S.S-2		77 SF
LEVEL 1	114	RESTROOM	CONC-1	T-1 / PT-4	T-1 / PT-4	T-1 /PT-4	T-1 /PT-4	T-1 /PT-4	PT-2	PL-1/2 / S.S-2		77 SF
LEVEL 1	115	DORM	CONC-1	RB-1	PT-1	PT-1	PT-1	PT-1	PT-1	WD-2	32" L CHAIR RAIL	87 SF
LEVEL 1	116	DORM	CONC-1	RB-1	PT-1	PT-1	PT-1	PT-1	PT-1	WD-2	32" L CHAIR RAIL	86 SF
LEVEL 1	117	DORM	CONC-1	RB-1	PT-1	PT-1	PT-1	PT-1	PT-1	WD-2	32" L CHAIR RAIL	86 SF
LEVEL 1	118	DORM	CONC-1	RB-1	PT-1	PT-1	PT-1	PT-1	PT-1	WD-2	32" L CHAIR RAIL	86 SF
LEVEL 1	119	DORM	CONC-1	RB-1	PT-1	PT-1	PT-1	PT-1	PT-1	WD-2	32" L CHAIR RAIL	86 SF
LEVEL 1	120	DORM	CONC-1	RB-1	PT-1	PT-1	PT-1	PT-1	PT-1	WD-2	32" L CHAIR RAIL	86 SF
LEVEL 1	121	MEETING	LVT-1, LVT 2	RB-1	PT-1/WP-3, WP-4	PT-1	PT-1	PT-1	PT-1/WD-1	PL-1/2 / S.S-2	CHAIR RAIL ON ALL EXPOSED WALLS	580 SF
LEVEL 1	122	STORAGE	CONC-1	RB-1	PT-1	PT-1	PT-1	PT-1	PT-1	---		46 SF
LEVEL 1	123	ADA RESTROOM	CONC-1	T-1 / PT-4	T-1 /PT-4	T-1 /PT-4	T-1 /PT-4	T-1 /PT-4	PT-2	PL-3 / S.S-1		48 SF
LEVEL 1	124	HANDWASH	CONC-2	RB-1	PT-2	PT-1	PT-1	PT-2	PT-2	---		77 SF
LEVEL 1	125	APPARATUS BAY	CONC-2	CONC-1	PT-1	PT-1	PT-1	PT-1	OTS	---		3516 SF
LEVEL 1	126	IT/COMM	CONC-2	RB-1	PT-1/WD-3	PT-1/WD-3	PT-1/WD-3	PT-1/WD-3	PT-1	---		74 SF
LEVEL 1	127	STORAGE	CONC-2	RB-1	PT-1/WD-3	PT-1/WD-3	PT-1/WD-3	PT-1/WD-3	PT-1	---		31 SF
LEVEL 1	128	SHOP	CONC-2	T-1	PT-1	PT-1	PT-1	PT-1	PT-1	---		154 SF
LEVEL 1	129	DECONWASH	CONC-2	RB-1	PT-1	PT-1/FRP-1	PT-1	PT-1	PT-1	---		88 SF
LEVEL 1	130	TURNOUT STG	CONC-2	RB-1	PT-1	PT-1	PT-1	PT-1	PT-1	---		205 SF
LEVEL 1	131	EXERCISE	RES-1, RES-2	WP-1	PT-1 /WP-1/MR-1	PT-1/WP-1/MR-1	PT-1/MR-1	PT-1/MR-1	OTS	---	PT-3 AT EXPOSED PIPES AND SELECTED STRUCTURE, REVIEW BY ARCHITECT	523 SF
LEVEL 1	132	MAINT. STORAGE	CONC-2	RB-1	PT-1	PT-1	PT-1	PT-1	PT-1	---		82 SF
LEVEL 1	133	ELECTRICAL	CONC-2	RB-1	PT-1	PT-1	PT-1	PT-1	PT-1	WD-2		81 SF
LEVEL 1	134	JANITOR	CONC-2	RB-1	PT-2/FRP-1	PT-2/FRP-1	PT-2 /FRP-1	PT-2/FRP-1	PT-1	WD-2		49 SF

CONCRETE

CONC-1

Manufacturer: Prosooco
Style: Consoldeck Integral
Color: Nutmeg 2553
Finish: Polished
Base of Design

CONC-2

Manufacturer: Prosooco
Style: Consoldeck Integral
Color: Nutmeg 2553
Finish Sealed Concrete

SECTION 06 4000 - INTERIOR ARCHITECTURAL WOODWORK

CAB-1

Product: Custom
Finish: TDB (To Match Architectural Sample)
Door Profile: Flat Panel w/ push latch
Toe Kick: Finished to Match
Location:

WD-1

Manufacturer: Armstrong
Product: WoodWorks Vector 6482
Size: 24" x 48" x 3/4"
Color: Opt1: Hemlock Opt 2: Maple
Product: Woodworks Linear Veneer Plank Wall Panel
Base of Design

WD-2

Product: Custom Casework
Species: Hemlock or Maple
Finish: Clear
Location: Dayroom

WD-3

Plywood painted
Thickness: 3/4"
Height: 48" High
Width: 24" Wide

SECTION 06 6400: PLASTIC PANELING

FRP-1

Manufacturer: Import Corporation
Type: IPC Wall Protection
Color: To Be Selected By Architect
Gauge: 0.060
Location: Decon/Wash, Equipment Storage, Handwash

WP-1

Manufacturer: Chemmetal
Type: Metal Wall Protection
Color: #606 Blackened
Location: Fitness, Hallway

WP-2

Manufacturer: Formica
Type: Hardstop
Color: To Be Selected By Architect
Gauge: 0.075
Location: Dayroom

WP-3

Manufacturer: MDC
Type: Zintra Acoustic Panel
Color: Slate
Size: 9'4"x11'8"
Location: Meeting Room

WP-4

Manufacturer: Armstrong Ceilings and Walls
Product: Woodworks Walls
Color: Maple
Size: 2'x4' ft
Location: Meeting Room, Day Room

COUNTERTOPS

SOLID SURFACE

SS-1

Manufacturer: Corian
Product: Quartz
Pattern/Style/Color: Cloud White
Total Thickness: 3cm
Edge: Eased Edge
Finish: Gloss
Location: Kitchen

SS-2

Manufacturer: Corian
Product: Solid Surface
Pattern/Style/Color: Birch
Total Thickness: 3cm
Edge: Eased Edge
Finish: Honed
Location: Restrooms, Meeting Room

SS-3

Manufacturer: Corian
Product: Solid Surface
Pattern/Style/Color: Glacier White
Total Thickness: 3cm
Edge: Eased Edge
Finish: Honed
Location: Laundry

PLASTIC LAMINATE

PL-1

Manufacturer: Formica
Pattern: 912C-AN
Finish: Storm
Location: Kitchen, Meeting Room

PL-2

Manufacturer: Wilsonart Laminate
Pattern: Kensington Maple 10776-60
Finish: Matte
Location: Kitchen, Meeting Room, Lockers

PL-3

Manufacturer: Wilsonart
Pattern: 4879 Steel Mesh
Finish: Fine Velvet Textured
Location: Bathroom

PL-4

Manufacturer: Wilsonart Laminate
Pattern: Magnolia 5012k-19
Finish: Lens Weave
Location: Laundry, Back of House

SECTION 09 3000 - TILING

T-1

Manufacturer: Design and Direct Tile
Pattern/Style: Westminster Tile, Classic Tile Series
Color: White
Finish: Glossy
Size: 4"x12"
Grout: Latitec
Grout Color: TBD
Grout Joint: 1/8"
Contact/Supplier:
Location: Restrooms

SECTION 09 5100 - ACOUSTICAL CEILINGS

ACOUSTICAL CEILING TILE

ACT-1

Manufacturer: Armstrong
Product: Optima Lay-In and Tegular
Style: 15/16" Tegular
Size: 48" x 54" x 3/4"
Color: White
Base of Design

SECTION 09 6500 - RESILIENT FLOORING

LVT-1

Manufacturer: Mannington Commercial
Style: Quantum Guard
Collection: No Reservations Xpress
Size: Abstract
Color: Affable (NR303)
Location: Meeting Room

LVT-2

Manufacturer: Mannington Commercial
Style: Quantum Guard
Collection: No Reservations Xpress
Size: Abstract
Color: Dynamic NR305
Location: Meeting Room

RESILIENT BASE & STAIR TREADS

RB-1

Manufacturer: Johnsonite
Style: Rubber wall base - cove toe @ hard surfaces
Size: 4-inch
Color: TA6 Bedrock
Location: At Locations Except Restrooms & Apparatus Bay

SECTION 09 6566 - RUBBER ATHLETIC FLOOR

RES-1

Manufacturer: Conner Sports
Style: Power Deck HD Duty Weight Training
Color: Dark Gray TRS003-4
Thickness: 20mm
Type: Tile
Content: Durometer Construction
Location: Fitness

RES-2

Manufacturer: Conner Sports
Style: Power Deck HD Duty Weight Training
Color: Red/PF 16
Thickness: 20mm
Type: Tile
Content: Durometer Construction
Location: Fitness

SECTION 09 6800 - CARPETING

WOM-1

Manufacturer: Mohawk Group
Style: Step Up II GT311/QL311
Color: 989 Obsidian
Size: 24 x24
Installation: Quartum
Location: Lobby

SECTION 09 9000 - PAINTING

PT-1

Manufacturer: Sherwin Williams
Color: SW 6378 Crisp Linen
Sheen: Stain
Location: General Paint

PT-2

Manufacturer: Sherwin Williams
Color: SW 6378 Crisp Linen
Sheen: Epoxy
Location: Accent

PT-3

Manufacturer: Sherwin Williams
Color: Color to Match Miller-Paint Big Red
Sheen: Satin
General Wall Paint
Location: Accent

PT-4

Manufacturer: Sherwin Williams
Color: TBD
Sheen: Epoxy
Location: Restrooms

PT-5

Manufacturer: Sherwin Williams
Color: TBD
Sheen: Satin
Location: Accent

PT-6

Manufacturer: TBD
Color: TBD
Sheen: Satin
Location: Accent Paint

PT-7

Manufacturer: Sherwin Williams
Color: TBD
Sheen: Semi-Gloss Enamel Low V.O.C.
Location: Trim, Doors, Handrails

SECTION 12 2400 - WINDOW SHADES

BL-21

Manufacturer: Mecho Shade Systems
Product: Mecho5
Openness Factor: 3%
Color: To Be Selected by Architect
Location: All windows unless otherwise noted. No shades at Apparatus Bay

BL-22

Manufacturer: Mecho Shade Systems
Product: Mecho5
Openness Factor: 0% - Block all light
Color: To Be Selected by Architect
Location: Dorms, Meeting Room (provided in addition to standard shades)

1. PROVIDE FLOOR TRANSITIONS BETWEEN DISSIMILAR FLOORING MATERIALS. WHERE NOT INDICATED, TRANSITION IS TO OCCUR CENTERED UNDER DOOR.
2. TILE WALLS TO INTEGRATE ELEC. OUTLETS AND SWITCH PLATES. TOILET ACCESSORIES, ETC INTO TILE PATTERN.

MELAMINE COLORS:

1. MM-1 TO MATCH PAINT COLOR PL-1

FINISH ABBREVIATIONS:

ACT	ACOUSTIC CEILING TILE
AP	ACOUSTIC PANEL
CPT	CARPET TILE
CONC	CONCRETE
CT	CERAMIC OR PORCELAIN TILE
FRP	FIBERGLASS-REINFORCED PLASTIC
G	GRAPHIC
GWB	GYPSPUM WALL BOARD
LVT	LUXURY VINYL TILE
MM	MELAMINE
P	PAINT
PC	POLISHED CONCRETE
PHEN	PHENOLIC PANEL
PLAM	PLASTIC LAMINATE
FRF	POURED RESINOUS FLOORING / FLUID APPLIED FLOORING
RB	RESILIENT BASE
RES	RESILIENT FLOORING
SURF	SOLID SURFACE
ST	STAIR TREAD
SV	SHEET VINYL
TB	TACKBOARD
WD	WOOD GRILLE
WGF	WOOD GYM FLOORING
WOM	WALK-OFF MAT



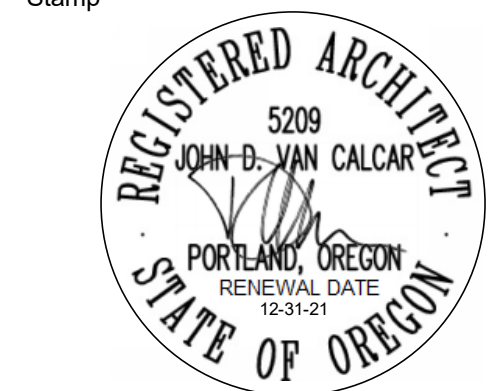
Project

Consultant

Revisions

No.	Description	Date
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Stamp



Issuance

BID SET

Date

2/3/21

Project Number

20006

Drawing Title

FINISH SUMMARY / SCHEDULE

Sheet No

12.01

**Millersburg Fire
Station 15**
3215 Transition Parkway
Albany, OR 97321



Project

Consultant

Revisions

No.	Description	Date

Stamp



Issuance

BID SET

Date

2/3/21

Project Number

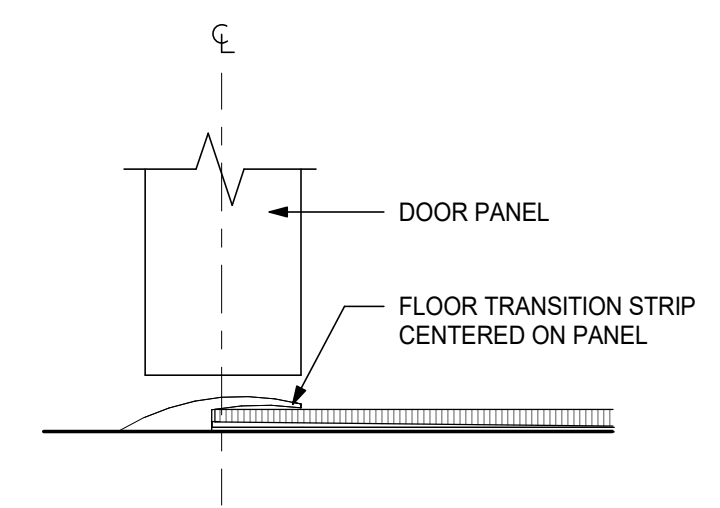
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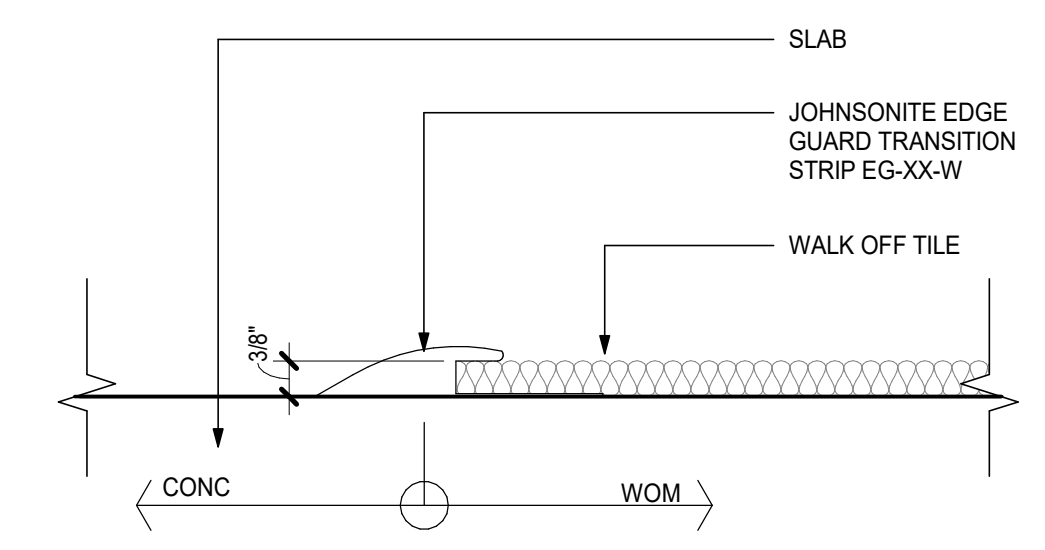
**INTERIOR FINISH
DETAILS**

Sheet No

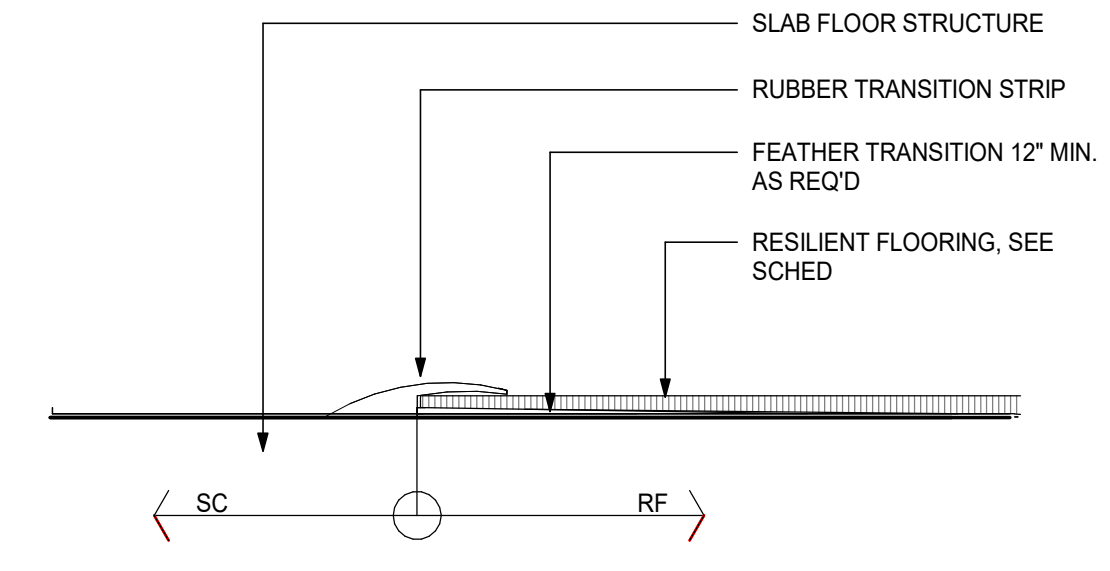
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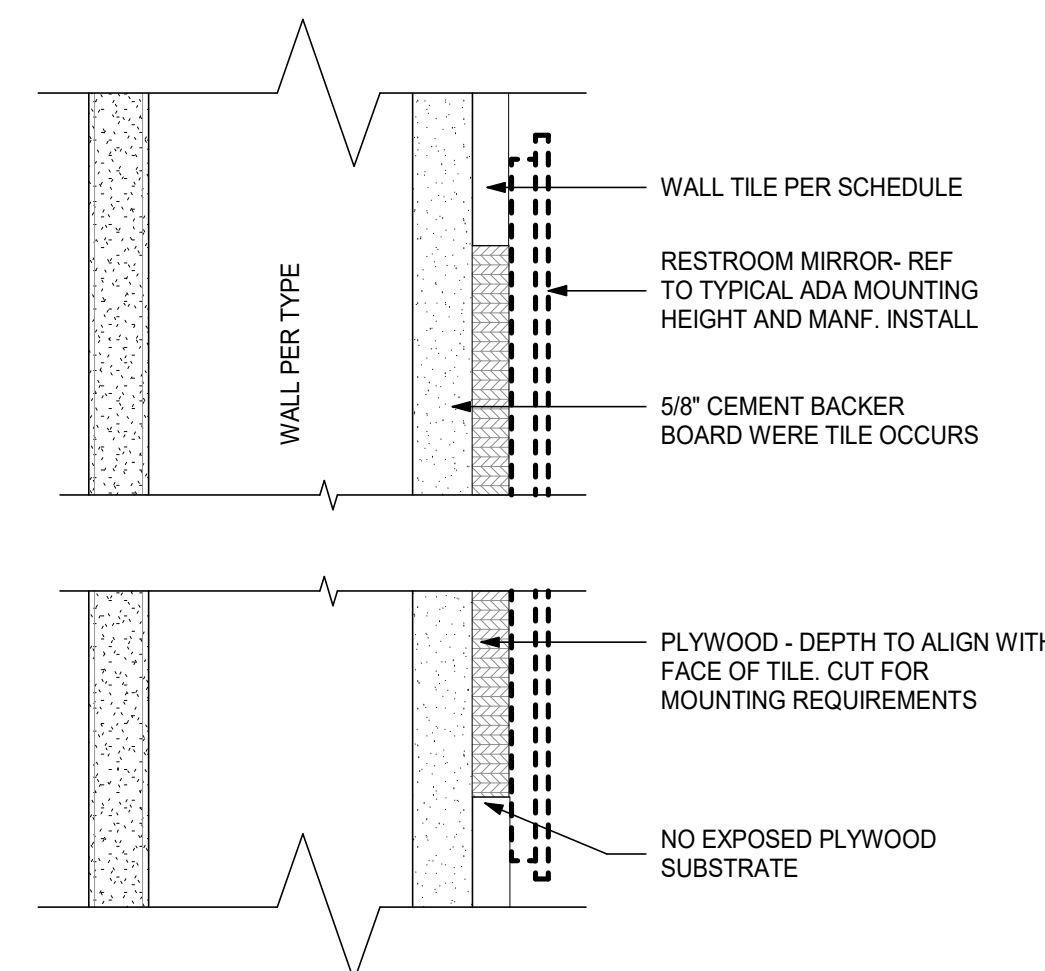
2 TRANSITION AT DOOR
6" = 1'-0"



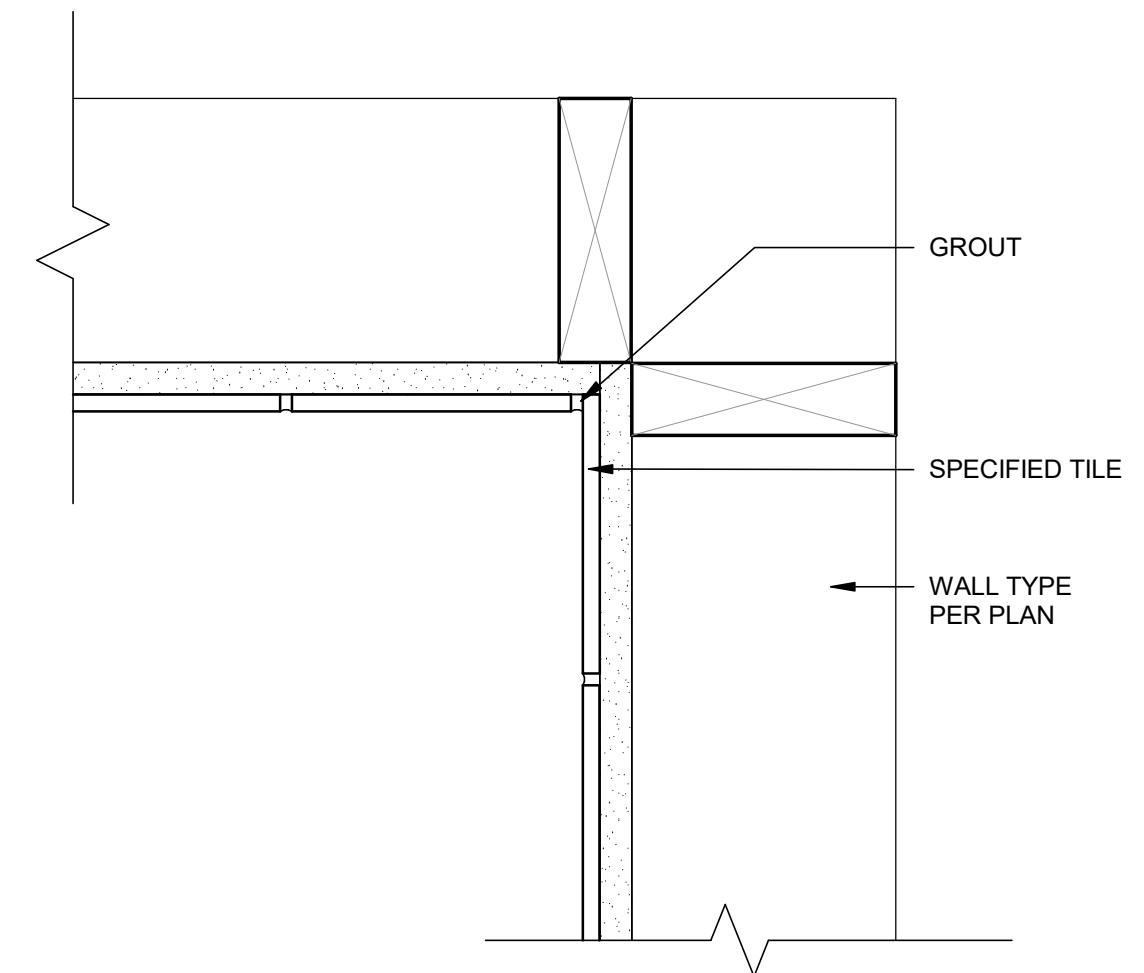
3 CONCRETE TO WALK-OFF
FLOORING TRANSITION
6" = 1'-0"



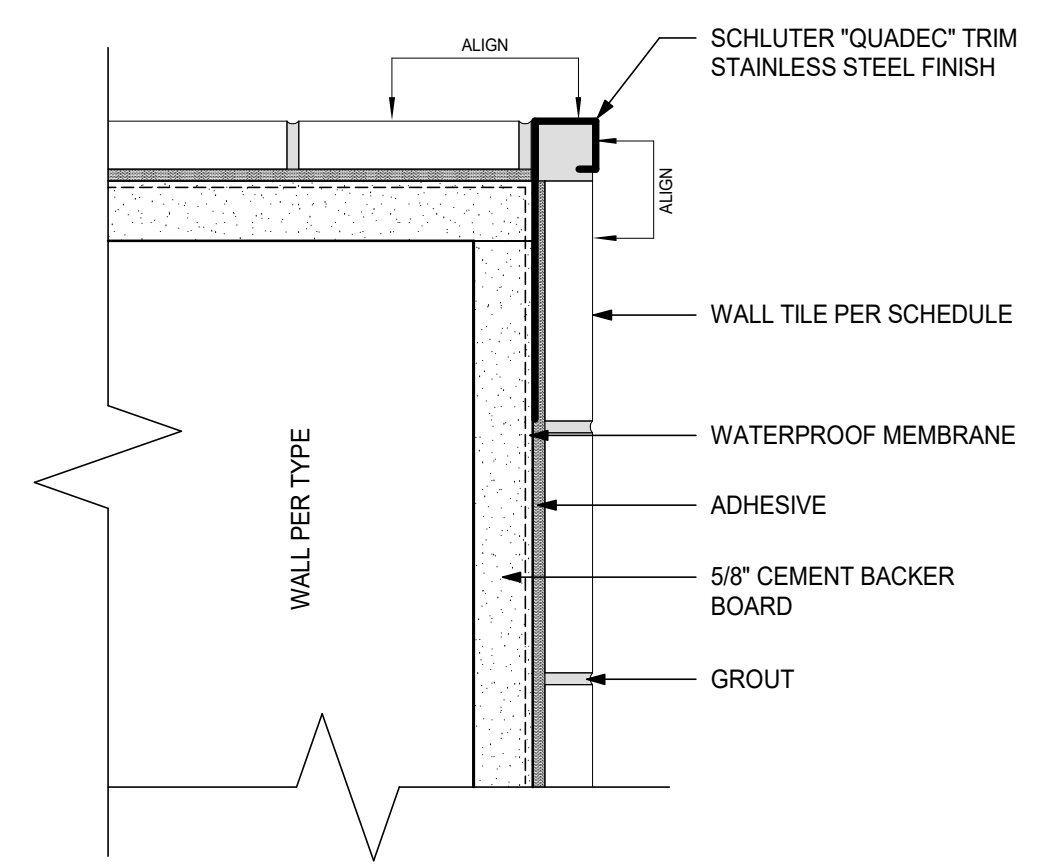
4 FLOOR TRANSITION
RESILIENT TO SEALED CONCRETE
6" = 1'-0"



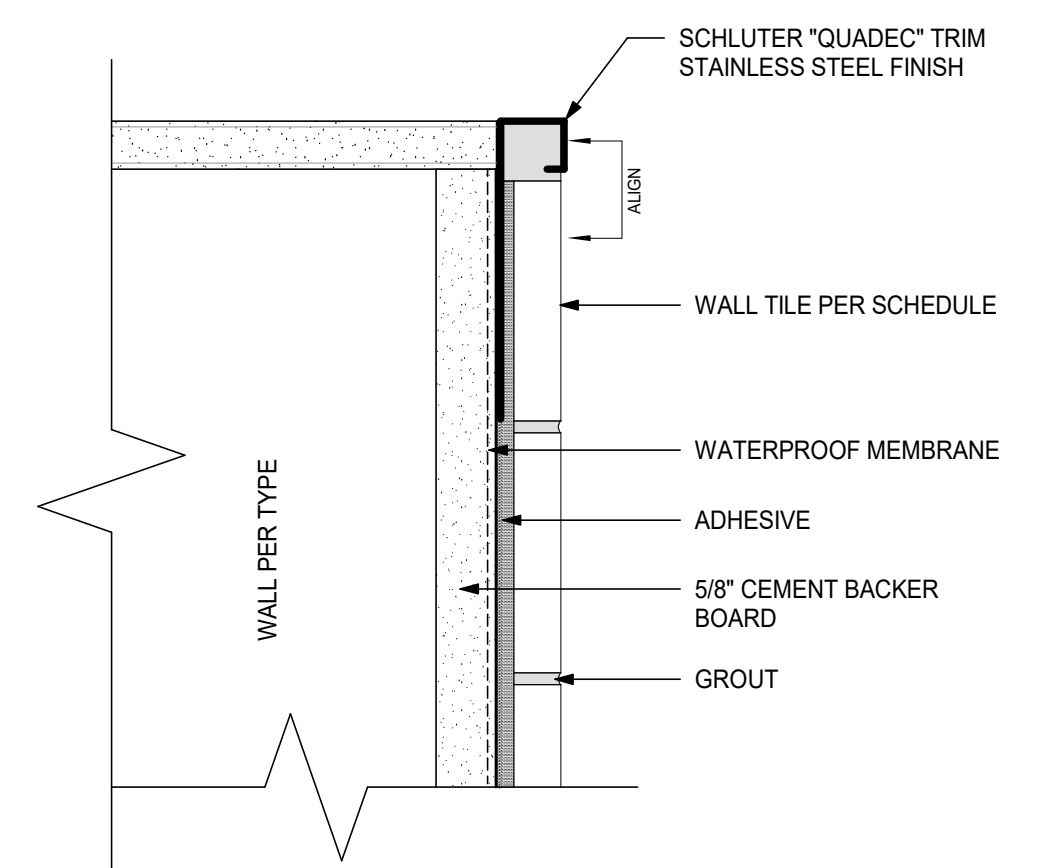
5 MIRROR W/ BLOCKING
6" = 1'-0"



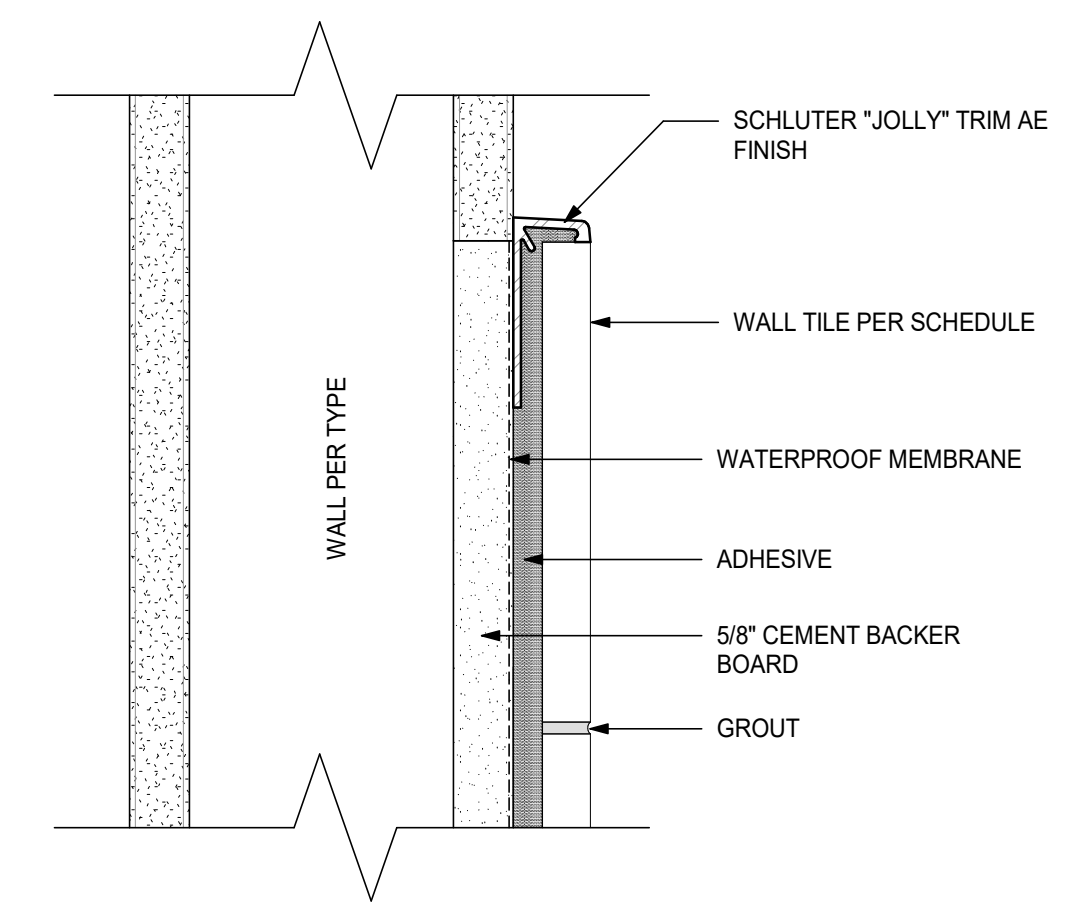
6 TILE INSIDE CORNER
3" = 1'-0"



7 TILE OUTSIDE CORNER
6" = 1'-0"



8 TILE TO GYP CORNER
6" = 1'-0"



12 TOP OF TILE
6" = 1'-0"

COVERING CODES

2019 Oregon Structural Specialty Code; Including, by reference;
2018 International Building Code
ASCE 7-16; Minimum Design Loads for Buildings and Other Structures;
ACI 318-14; Building Code Requirements for Structural Concrete;
2018 NDS; National Design Specification for Wood Construction;
2015 Special Design Provisions for Wind and Seismic (SDPWS);
AISC Timber Construction Manual, Sixth Edition;

GENERAL REQUIREMENTS

GENERAL

- THE CONTRACT DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. UNLESS SPECIFICALLY NOTED, THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MATERIALS AND EQUIPMENT NECESSARY TO PROTECT THE STRUCTURE, WORKMEN AND OTHER PERSONS AND PROPERTY DURING CONSTRUCTION. THE CONTRACTOR SHALL AT HIS EXPENSE ENGAGE PROPERLY QUALIFIED PERSONS TO DETERMINE WHERE AND HOW TEMPORARY PRECAUTIONARY MEASURES SHALL BE USED AND INSPECT THE SAME IN THE FIELD. OBSERVATION VISITS TO THE SITE BY THE ENGINEER, IF SO RETAINED, SHALL NOT INCLUDE INSPECTION OF THE ABOVE ITEMS. THE CONTRACTOR IS RESPONSIBLE FOR THE OBSERVANCE OF ALL FEDERAL, STATE AND LOCAL SAFETY REGULATIONS DURING CONSTRUCTION, INCLUDING THE INSTALLATION OF UNDERGROUND SERVICES.
- THESE PLANS AND SPECIFICATIONS AND THE ENGINEERING AND DESIGN WORK THEY PERTAIN TO ARE INTENDED SOLELY FOR THE PROJECT SPECIFIED HEREIN. GROW ENGINEERING INC DISCLAIMS ALL LIABILITY IF THESE PLANS AND SPECIFICATIONS OR THE DESIGN, ADVICE, AND INSTRUCTIONS PERTAINING THERETO ARE USED ON ANY PROJECT OR AT ANY LOCATION OTHER THAN THE PROJECT AND LOCATIONS SPECIFIED HEREIN.
- CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE JOB SITE AND REPORT ANY ERRORS, OMISSIONS, OR POSSIBLE DISCREPANCIES BETWEEN FIELD CONDITIONS AND DRAWINGS TO THE ENGINEER PRIOR TO PROCEEDING WITH THE WORK. SPECIAL CARE SHALL BE GIVEN TO SITE AND BUILDING LAYOUT THEREON.
- ALL MATERIAL AND WORKMANSHIP SHALL CONFORM TO THE REQUIREMENTS OF THE 2018 INTERNATIONAL BUILDING CODE.
- NO PIPES, DUCTS, SLEEVES, CHASES, ETC., SHALL BE PLACED IN SLABS, BEAMS, OR WALLS UNLESS SPECIFICALLY SHOWN OR NOTED, NOR SHALL ANY STRUCTURAL MEMBER BE CUT FOR PIPES, DUCTS, ETC., UNLESS OTHERWISE NOTED. CONTRACTOR SHALL OBTAIN PRIOR APPROVAL FOR INSTALLATION OF ANY ADDITIONAL PIPES, DUCTS, ETC., REFER TO ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR LOCATIONS.
- ALL DETAIL CALL OUTS AS SHOWN ON THE DRAWINGS, SECTIONS AND ELEVATIONS SHALL APPLY TO ALL SIMILAR CONDITIONS WHETHER REFERENCED OR NOT. TYPICAL DETAILS AND NOTES SHALL APPLY UNLESS SHOWN OTHERWISE IN DRAWINGS.

DESIGN LOADS:

RISK CATEGORY: IV

WIND ZONE: 120 MPH (3 SEC GUST) PER LINN COUNTY BUILDING DEPARTMENT;
EXPOSURE C, $w=1.0$ PER ASCE 7-16 TABLE 1.5-2

SNOW LOAD: $P_g = 10$ PSF PER LATEST SNOW CODE (SEAO)
MIN ROOF LOAD = 20 PSF (PER 2019 OSSC)
 $Is = 1.2$ PER ASCE 7-16 TABLE 1.5-2
(20 PSF)(1.2) + 5 PSF RAIN ON SNOW = 29 PSF
MINIMUM ROOF SNOW

ROOF LIVE LOADS: 20 PSF ALL MEMBERS SUPPORTING LESS THAN 600 SQUARE FEET.

SEISMIC:

SPECTRAL RESPONSE COEF: $S_dS = 0.64$
 $S_{d1} = 0.526$

SITE CLASS: D
SEISMIC RISK CATEGORY IV: $I_e = 1.5$

BASIC SEISMIC FORCE RESISTING SYSTEM:

LIGHT-FRAME (WOOD) WALLS SHEATED W/ WOOD STRUCTURAL PANELS RATED FOR SHEAR RESISTANCE

NORTH/SOUTH: $R = 6.5, \Omega_0 = 3, C_d = 4$
EAST/WEST: $R = 6.5, \Omega_0 = 3, C_d = 4$

- NO CHANGES SHALL BE MADE TO THESE DRAWINGS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ENGINEER.
- WORK THESE DRAWINGS WITH ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS, IF SUCH ARE PROVIDED.
- WHERE REFERENCE IS MADE TO VARIOUS TEST STANDARDS FOR MATERIALS, SUCH STANDARDS SHALL BE THE EDITION, AND/OR ADDENDUM SPECIFIED IN THE GOVERNING CODE.
- THE FOLLOWING SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER AND THE BUILDING DEPARTMENT:
 - CONCRETE MIX DESIGNS
 - REINFORCING STEEL
 - PRE-ENGINEERED I-JOIST ROOF & FLOOR SYSTEM
 - STRUCTURAL STEEL

ENGINEERED CALCULATIONS STAMPED BY A REGISTERED ENGINEER IN THE STATE OF THE PROJECT SHALL ACCOMPANY ALL SHOP DRAWINGS WHICH REQUIRE DESIGN BY THE SUPPLIER OR AS REQUIRED ELSEWHERE IN THESE SPECIFICATIONS.

ALL SHOP DRAWING SUBMITTALS RECEIVED ARE UNDERSTOOD TO REPRESENT THE PRODUCT WHICH THE CONTRACTOR INTENDS TO PROVIDE FOR THE PROJECT. WITH THAT UNDERSTANDING, THE CONTRACTOR IS EXPECTED TO CHECK THE SHOP DRAWINGS PRIOR TO SUBMITTING THEM TO THE ENGINEER. SUBMITTALS SHALL INCLUDE EVIDENCE THAT THIS CHECK HAS BEEN PERFORMED.

FOUNDATIONS

- SOIL PARAMETERS PROVIDED BY PBS ENGINEERING AND ENVIRONMENTAL INC. REPORT DATED AUGUST 26 2020

SITE CLASS	D
BEARING PRESSURES	1500 PSF
MODULUS OF SUBGRADE REACTION	150 PCI
- PREPARATION OF SUBGRADE SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT RECOMMENDATIONS INCLUDING COMPACTION REQUIREMENTS AND VAPOR BARRIER RECOMMENDATIONS.
 - FOOTINGS TO BEAR ON NATURAL UNDISTURBED SOIL FREE OF ORGANIC MATTER WITH MINIMUM 6" IMPORTED GRANULAR FILL, OR ON ENGINEERED FILL IN ACCORDANCE WITH THE GEOTECHNICAL REPORT RECOMMENDATIONS.
 - PROVIDE DRAINAGE AS NECESSARY TO AVOID A WATER SOFTENED SUBGRADE.
- BOTTOM OF FOOTINGS TO BE A MINIMUM OF 18" BELOW FINISHED GRADE
- BACKFILL AGAINST RETAINING WALLS SHALL BE FREE DRAINING GRANULAR MATERIAL IN ACCORDANCE WITH THE GEOTECHNICAL REPORT RECOMMENDATIONS.

STRUCTURAL WOOD

- STRUCTURAL LUMBER SHALL BE GRADE MARKED DOUGLAS FIR (DF) PER STANDARD GRADING AND DRESSING RULES OF THE WESTERN WOOD PRODUCTS ASSOCIATION (WWPA). STRUCTURAL LUMBER SHALL BE GRADE MARKED DOUGLAS FIR (DF) LARCH PER STANDARD GRADING AND DRESSING RULES #16 OF WEST COAST LUMBER INSPECTION BUREAU.
- WOOD GRADES UNLESS OTHERWISE NOTED IN PLANS:

MEMBER	GRADE	MOISTURE CONTENT
BEAMS, JOISTS, PURLINS		
2" TO 4" WIDE, >=6" DEEP	DFL GRADE # 2	15 %
>4" WIDE	DFL GRADE # 1	15 %
LEDGERS	DFL GRADE # 2	19 %
STUDS (NON STRUCTURAL)		
2x4 OR 3x4	CONSTRUCTION GRADE	19 %
2x6 AND LARGER	DFL GRADE # 2	19 %
STUDS (STRUCTURAL)	DFL GRADE # 1	15 %
POSTS, ALL SIZES	DFL GRADE # 1	GREEN
SILLS PLATES AND BLOCKING	CONSTRUCTION OR # 2 GRADE	15 %

- CUTTING, NOTCHING OR DRILLING OF BEAMS OR JOISTS TO BE PERMITTED ONLY AS DETAILED OR APPROVED BY THE ENGINEER.
- UNLESS OTHERWISE SPECIFIED, ALL NAILING SHALL CONFORM TO CHAPTER 23 OF THE IBC TABLE 2304.10.1
- SILLS OR PLATES BEARING ON CONCRETE OR MASONRY SHALL BE PRESSURE TREATED WOOD PER AMERICAN WOOD PRESERVERS ASSOCIATION STANDARD C2. (AWPA C2) OR PROTECTED WITH AN APPROVED MOISTURE BARRIER OR LAMINANT UNLESS NOTED OTHERWISE.
- ALL BOLT HEADS AND NUTS BEARING ON WOOD SHALL HAVE STANDARD CUT WASHERS. ALL BOLT HOLES IN WOOD SHALL BE DRILLED 1/16" DIA. LARGER THAN NORMAL BOLT DIAMETER.
- ROUGH HARDWARE:
 - BOLTS AND THREADED RODS SHALL BE ASTM A307. SQUARE OR HEXAGONAL HEAD MACHINE BOLTS WITH ASTM A563 NUTS. PROVIDE MALLEABLE IRON WASHERS UNDER HEAD AND NUT WHERE IN CONTACT WITH WOOD. PROVIDE 2 INCH x 2 INCH x 3/16 INCH MINIMUM PLATE WASHERS AT SILL PLATES.
 - LAG SCREWS SHALL BE ASTM A307. ANSIA/ASME STANDARD B18.2.1. PROVIDE ANSI B18.22.1 WASHERS UNDER HEAD WHEN IN CONTACT WITH WOOD.
 - SCREWS SHALL BE ASTM A307, ANSIA/ASME B18.2.1. USE CADMIUM PLATED PAN OR ROUND HEADED SSREWS AT "STEEL TO WOOD" AND "WOOD TO WOOD" CONNECTIONS.
 - MISCELLANEOUS STEEL SHALL BE ASTM A36.
 - BOLTS, NUTS, WASHERS, STRAPS, AND OTHER HARDWARE EXPOSED TO WEATHER SHALL BE HOT-DIPPED GALVANIZED OR STAINLESS STEEL TYPE 304.
 - FRAMING CLIPS, SHEET METAL STRAPS, AND OTHER CONNECTORS SHALL BE SIMPSON STRONG-TIE, UNIVERSAL, OR SILVER, WITH ICBO REPORTS. DESIGNATIONS ON THE DRAWINGS ARE BASED ON SIMPSON STRONG-TIE CATALOG NUMBERS.

- PROVIDE DOUBLE JOISTS UNDER ALL PARALLEL PARTITIONS UNLESS DETAILED OTHERWISE.
- FRAMING DETAILS SHALL BE IN ACCORDANCE WITH IBC SECTION 2304 AND 2308 UNLESS NOTED OTHERWISE.
- TOP PLATES OF WOOD STUD WALLS TO BE DOUBLE 2x (SAME WIDTH AS STUDS), UNLESS NOTED OTHERWISE, LAP 4B" (MIN.) WITH NOT LESS THAN (10)16d NAILS AT EACH LAP AND NOT MORE THAN 12" BETWEEN NAILS.
- FIRE BLOCKING 2" THICK SHALL BE PLACED IN STUD WALLS AT CEILING AND FLOOR LEVELS, AT EACH 10 FEET HEIGHT OF STUDS, AND BETWEEN STAIR STRINGERS AT SUPPORTS.
- LAG BOLTS AND SCREWS SHALL BE PRE-DRILLED TO SHANK DIAMETER AND FULL DEPTH AND SCREWED (NOT DRIVEN) INTO PLACE.
- PREFABRICATED STRUCTURAL FRAMING CONNECTORS SHALL BE MANUFACTURED BY SIMPSON STRONG-TIE AS NOTED, WITH EVALUATION SERVICE REPORTS AND ICC APPROVAL. PRODUCTS FROM OTHER MANUFACTURERS, OR MODELS DIFFERENT THAN THOSE SPECIFIED ON THE PLANS, MAY NOT BE SUBSTITUTED EXCEPT WITH THE ENGINEER'S EXPRESSED WRITTEN APPROVAL. ALL CONNECTORS TO BE FULLY NAILED UNLESS OTHERWISE INDICATED ON THE DRAWINGS, WHERE SIMPSON CONNECTORS ON DRAWINGS DO NOT MENTION FASTENER QUANTITY, ASSUME THE MAXIMUM PER SIMPSON SPECIFICATIONS
- I-JOISTS SHALL BE COMMERCIAL I-JOIST IN ACCORDANCE WITH AN ICC EVALUATION SERVICE REPORT. INSTALL IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS, INCLUDING WEB BLOCKING WHERE REQUIRED. DO NOT CUT, DRILL OR NOTCH FLANGES.
- FIELD NOTCHING AND BORING OF MEMBERS ARE PROHIBITED UNLESS APPROVED BY THE STRUCTURAL ENGINEER OF RECORD.
- ENGINEERED COMPOSITE LUMBER:
 - PRODUCTS: LAMINATED VENEER LUMBER (LVL/MICROLAM), PARALLEL STRAND LUMBER (PSL/PARALLAM), AND LAMINATED STRAND LUMBER (LSL/TIMBERSTRAND), SIZE AND TYPE INDICATED IN THE DRAWINGS, MANUFACTURED BY TRUS-JOIST OR AN APPROVED EQUIVALENT.
 - RIM JOISTS SHALL BE LSL WITH A MINIMUM WIDTH OF 1.5 INCH. DEPTH SHALL BE AS REQUIRED AT EACH FLOOR.
 - BEAM STRENGTH PROPERTIES:

COMPOSITE LUMBER TYPE	MODULUS OF ELASTICITY (PSI)	FLEXURAL STRENGTH F _b (PSI)
LSL	1,550,000	2,325
LVL	2,000,000	2,600
PSL	2,200,000	2,900

- PREFABRICATED WOOD I-JOISTS:
 - DESIGN OF THE PRE-FABRICATED WOOD I-JOIST SYSTEM SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR
 - PRE-FABRICATED WOOD I-JOIST SHALL BE THE SIZE AND TYPE INDICATED IN THE DRAWINGS. MANUFACTURED BY REDBUILT OR APPROVED EQUIVILLENT, CONFORM TO APA-EWS STANDARD PRI-400, PERFORMANCE STANDARD FOR APA-EWS I-JOISTS. ICC APPROVED ALTERNATES ARE ELLEGIBLE FOR CONSIDERATION PROVIDED THAT THEY ARE COMPATABLE WITH THE PROJECT LOAD CAPACITY, DIMENSIONAL, AND FIRE-RESISTANCE-RATING REQUIREMENTS, AND HAVE A MINIMUM WIDTH OF 2 INCHES. SUBJECT TO REVIEW AND APPROVAL BY THE STRUCTURAL ENGINEER OF RECORD.
 - MANUFACTURER SHALL PROVIDE STRUCTURAL CALCULATIONS AND SHOP DRAWINGS SHOWING LAYOUT AND DETAILING NECESSARY FOR DETERMINING FIT PLACEMENT OF THE STRUCTURE. SHOP DRAWINGS SHALL INDICATE THE SIZE AND SPACING OF ALL MEMBERS. CALCULATIONS SHALL BE SEALED AND SIGNED BY AN ENGINEER LICENSED IN THE STATE OF OREGON.
 - IN ADDITION TO SELF-WEIGHT, THE PRE-FABRICATED WOOD I-JOIST SYSTEM SHALL BE DESIGNED TO RESIST THE FOLLOWING MINIMUM LOADS:

TYPICAL FLOORS	
FLOOR LIVE LOAD	= 125 PSF
FLOOR DEAD LOAD	= 25 PSF
TYPICAL ROOF	
ROOF LIVE LOAD	= SEE SNOW DRIFT PLAN
ROOF DEAD LOAD	= 25 PSF
 - PRE-FABRICATED WOOD I-JOIST SYSTEM DESIGN SHALL CONFORM TO THE FOLLOWING MINIMUM DEFLECTION AND PERFORMANCE CRITERIA:

ROOF LIVE LOAD	= L/240
ROOF DEAD LOAD	= L/180
FLOOR LIVE LOAD	= L/480
FLOOR DEAD LOAD + LIVE LOAD	= L/360

- PROVIDE BRIDGING IN ACCORDANCE WITH MANUFACTURES RECOMMENDATIONS. ROOF JOISTS AND BRIDGING SHALL BE CAPABLE OF RESISTING WIND UPLIFT SPECIFIED IN THE GENERAL STRUCTURAL NOTES UNLESS OTHERWISE INDICATED IN THE DRAWINGS.

- KILN-DRIED LUMBER IS RECOMMENDED AT ALL MEMBERS COMMON TO 2-STORY AREAS. ALL NAILING TO BE COMMON WIRE NAILS EXCEPT FOR 16d NAILS, WHICH CANNOT FIT IN MOST NAIL GUNS. THEREFORE, USE COMMON WIRE NAILS FOR ALL NAILS LESS THAN OR EQUAL TO 16d NAILS. FOR 16d NAILS, USE BOX (OR SINKER NAILS), UNLESS NOTED OTHERWISE.
- ALL NAILING TO BE IN ACCORDANCE WITH OREGON STRUCTURAL SPECIALTY CODE TABLE 2304.9.1. THE FOLLOWING NAIL SIZES SHALL BE USED:

NAIL	SHANK DIAMETER (IN.)	MIN. PENETRATION DEPTH INTO FRAMING MEMBER (IN.)
6d	0.113	1.25
8d	0.131	1.50
10d	0.148	1.625
12d	0.148	1.625
16d	0.162	1.875

- ALL BOLTS AND LAG SCREWS SHALL BE INSTALLED WITH STANDARD CUT WASHERS. ALL A307 BOLTS SHALL HAVE CUT THREADS. CUTTING AND NOTCHING OF JOISTS SHALL CONFORM ONLY TO OSSC SECTIONS 2308.8.2, 2308.9.10, OR 2310.4.2 UNLESS SPECIFICALLY NOTED OTHERWISE.
- NAILS OR OTHER FASTENERS USED IN PT WOOD SHALL BE HOT DIPPED GALVANIZED OR STAINLESS STEEL.
- PREFABRICATED WOOD OPEN WEB JOIST:
 - DESIGN OF THE PRE-FABRICATED WOOD OPEN WEB JOIST SYSTEM SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR
 - PRE-FABRICATED WOOD OPEN WEB JOIST SHALL BE THE SIZE AND TYPE INDICATED IN THE DRAWINGS. MANUFACTURED BY REDBUILT OR APPROVED EQUIVILLENT.
 - MANUFACTURER SHALL PROVIDE STRUCTURAL CALCULATIONS AND SHOP DRAWINGS SHOWING LAYOUT AND DETAILING NECESSARY FOR DETERMINING FIT PLACEMENT OF THE STRUCTURE. SHOP DRAWINGS SHALL INDICATE THE SIZE AND SPACING OF ALL MEMBERS. CALCULATIONS SHALL BE SEALED AND SIGNED BY AN ENGINEER LICENSED IN THE STATE OF OREGON.
 - IN ADDITION TO SELF-WEIGHT, THE PRE-FABRICATED WOOD OPEN WEB JOIST SYSTEM SHALL BE DESIGNED TO RESIST THE FOLLOWING MINIMUM LOADS:

TYPICAL ROOF	
ROOF LIVE LOAD	= SEE SNOW DRIFT PLAN
ROOF DEAD LOAD	= 25 PSF
 - PRE-FABRICATED WOOD OPEN WEB JOIST SYSTEM DESIGN SHALL CONFORM TO THE FOLLOWING MINIMUM DEFLECTION AND PERFORMANCE CRITERIA:

ROOF LIVE LOAD	= L/240
ROOF DEAD LOAD	= L/180
FLOOR LIVE LOAD	= L/480
FLOOR DEAD LOAD + LIVE LOAD	= L/360
 - PROVIDE BRIDGING IN ACCORDANCE WITH MANUFACTURES RECOMMENDATIONS. ROOF JOISTS AND BRIDGING SHALL BE CAPABLE OF RESISTING WIND UPLIFT SPECIFIED IN THE GENERAL STRUCTURAL NOTES UNLESS OTHERWISE INDICATED IN THE DRAWINGS.

REINFORCING STEEL

- ALL REINFORCING STEEL, UNLESS OTHERWISE NOTED IN DRAWINGS, SHALL CONFORM TO ASTM A615, GRADE 60.
- ALL WELDED WIRE FABRIC TO BE 60,000 PSI YIELD STRENGTH CONFORMING TO ASTM A497, A496 AND A185. ALL FABRIC SHALL BE IN FLAT SHEETS OF SIZE NOTED ON THE PLANS.
- REINFORCING DETAILING, BENDING AND PLACING SHALL BE IN ACCORDANCE WITH CRSI "MANUAL OF STANDARD PRACTICE" LATEST EDITION.
- ALL WELDING OF REINFORCING BARS SHALL BE DONE BY THE SHIELDED METAL ARC WELDING PROCESS, IN ACCORDANCE WITH AWS D12.1 (LATEST EDITION) AND BE PERFORMED BY CERTIFIED WELDERS AND CONTINUOUSLY INSPECTED BY A LICENSED INSPECTOR APPROVED BY THE LOCAL GOVERNING AUTHORITY. ALL REINFORCING WHICH IS TO BE WELDED SHALL MEET ASTM A706 GRADE 60 OR A615 GRADE 60 WITH MAXIMUM EQUIVALENT CARBON OF 0.5 AS DEMONSTRATED BY MILL TEST REPORTS.
- REINFORCING SHALL BE SPLICED ONLY AS SHOWN OR NOTED. SPLICES AT OTHER LOCATIONS MAY BE ALLOWED ONLY IF APPROVED BY THE STRUCTURAL ENGINEER.
- STANDARD LAP SPLICES FOR WELDED WIRE FABRIC SHALL BE 12 INCHES OR 2 WIRE SPACES, WHICHEVER IS GREATER.
- VERTICAL BARS IN WALLS SHALL BE ACCURATELY POSITIONED AT THE CENTER OF WALL, UNLESS OTHERWISE NOTED ON DETAILS AND SHALL BE TIED IN POSITION AT TOP AND BOTTOM AND AT INTERVALS NOT EXCEEDING 192 BAR DIAMETERS.
- SPLICES IN ADJACENT HORIZONTAL WALL REINFORCING BARS SHALL BE STAGGERED 4'-0" MINIMUM UNLESS OTHERWISE NOTED.
- BARS NOTED "CONT." AND TYPICAL WALL REINFORCING SHALL HAVE A MINIMUM SPLICE EQUAL TO THE STANDARD LAP SPLICES UNLESS OTHERWISE SHOWN ON THE DRAWINGS.
- ALL REINFORCING STEEL, ANCHOR BOLTS, DOWELS, AND INSERTS SHALL BE SECURED IN POSITION PRIOR TO PLACING CONCRETE OR GROUT.
- PROVIDE DOWELS IN FOOTINGS AND/OR GRADE BEAMS THE SAME GRADE, SIZE AND NUMBER AS VERTICAL WALL OR COLUMN REINFORCING. DOWELS SHALL HAVE A MINIMUM PROJECTION EQUAL TO STANDARD LAP SPLICE UNLESS OTHERWISE NOTED.
- PROVIDE THE FOLLOWING MINIMUM PROTECTIVE COVERING OF CONCRETE UNLESS OTHERWISE NOTED.

BELOW GRADE OR EXPOSED TO WEATHER:
UNFORMED CAST IN PLACE 3" CLEAR
FORMED CAST IN PLACE 2" CLEAR
PRECAST WALL PANELS 1" CLEAR

ABOVE GRADE AND NOT EXPOSED TO WEATHER:
WALLS 3/4" CLEAR
COLUMNS 1-1/2" CLEAR
BEAMS AND GIRDERS 1-1/2" CLEAR
JOISTS 3/4" CLEAR
STRUCTURAL SLABS 3/4" CLEAR
PRECAST WALL PANELS 3/4" CLEAR

BEND SCHEDULE	
BAR SIZES	D
#3 THRU #8	6d
#9 THRU #11	8d
**#14 THRU #18	10d

d = DIAMETER OF REINF. BAR
** = MAY NOT BE USED IN MASONRY WALLS

LAP SCHEDULE		
BAR SIZE	TOP* BARS	OTHER BARS
#3	21	16"
#4	28	22
#5	35	27
#6	42	32
#7	63	48
#8	82	63
#9	104	80

*TOP BARS ARE DEFINED AS HORIZONTAL REINFORCING, SO PLACED THAT MORE THAN 12" OF FRESH CONCRETE IS CAST IN THE MEMBER BELOW THE DEVELOPMENT LENGTH OR SPLICE.

ANCHORING ADHESIVE

- ANCHORING ADHESIVE: ICC APPROVED SIMPSON SET-XP (ESR-2508) OR AT-XP (IAPMO UES ER-263)
- INSTALL IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND SPECIFICATIONS.
- CONCRETE DRILL BITS: AS REQUIRED BY APPROPRIATE ESR REPORT.
- HOLE DIAMETER SHALL BE SIZED THE STUD DIAMETER PLUS 1/16" UNLESS INDICATED OTHERWISE ON PLANS OR ESR REPORT.
- ANCHORS SHALL BE ASTM A36 THREADED RODS WITH ASTM A563 GRADE A NUTS AND ANSI B18.22.1 TYPE A WASHERS, UNLESS OTHERWISE NOTED. ASTM A563 GRADE HD HEAVY HEX NUTS AND ASTM TYPE F436 WASHERS SHALL BE PROVIDED AT ANCHORS DESIGNATED AS ASTM A193.
- DOWELS SHALL BE ASTM A615 GRADE 60 REINFORCING STEEL.
- REMOVE GREASE, OIL, RUST, AND OTHER LAITENCE FROM RODS AND DOWELS PRIOR TO INSTALLATION.
- LOCATE REINFORCEMENT AND CONFIRM FINAL ANCHOR LOCATIONS PRIOR TO FABRICATING PLATES, MEMBERS, AND OTHER STEEL ASSEMBLIES ATTACHED WITH ADHESIVE ANCHORS.

REINFORCED CONCRETE

- CEMENT FOR CONCRETE SHALL CONFORM TO ASTM C150, TYPE I.
- AGGREGATES SHALL CONFORM TO ASTM C33 FOR NORMAL WEIGHT CONCRETE AND ASTM C330 FOR LIGHTWEIGHT CONCRETE.
- READY MIX CONCRETE SHALL BE MIXED AND DELIVERED IN ACCORDANCE WITH ASTM C94.
- ALL CONCRETE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST ACI CODE (ACI 318) AND DETAILING MANUAL (ACI 315), UNLESS OTHERWISE DETAILED OR NOTED IN DRAWINGS. CONCRETE SLABS SHALL BE PLACED AND FINISHED IN ACCORDANCE WITH ACI 302.1.
- CONCRETE SHALL HAVE A MINIMUM F_c OF 4000 PSI AT 28 DAYS W/ 0.45 W/C RATIO. EXCEPTIONS SHALL BE NOTED HEREIN OR ON DRAWINGS. SUBMIT CONCRETE MIX DESIGNS TO THE STRUCTURAL ENGINEER FOR REVIEW AND APPROVAL.
- ADMIXTURES MAY BE USED WITH APPROVAL OF THE ENGINEER. ADMIXTURES USED TO INCREASE THE WORKABILITY OF THE CONCRETE SHALL NOT BE CONSIDERED TO REDUCE THE SPECIFIED MINIMUM CEMENT CONTENT.
- REFER TO DRAWINGS FOR MOLDS, GROOVES, ORNAMENTS, CLIPS OR TEXTURES REQUIRED TO BE CAST INTO CONCRETE AND FOR EXTENT OF DEPRESSIONS, CURBS, AND RAMPS.
- PROJECTING CORNERS OF SLABS, BEAMS, WALLS, COLUMNS, ETC., SHALL BE FORMED WITH A 3/4 INCH CHAMFER UNLESS OTHERWISE NOTED.
- ALL REINFORCING STEEL, ANCHOR BOLTS, DOWELS AND OTHER INSERTS SHALL BE SECURED IN POSITION PRIOR TO POURING OF CONCRETE.
- MINIMUM EMBEDMENT OF ALL ANCHOR BOLTS (A.B.), UNLESS OTHERWISE NOTED ON PLANS: 7 INCHES IN FOOTINGS OR TOP OF CONCRETE, AND 3-1/2 INCHES MIN. INTO VERTICAL CONCRETE SURFACES. ALL BOLTS SHALL HAVE A STANDARD BOLT HEAD AT THE EMBEDDED END. ANCHOR BOLTS SHALL BE SPACED A MINIMUM 12 DIAMETERS. IN LIEU OF BOLTS OR DOWELS IN CONCRETE, APPROVED CAST IN PLACE THREADED INSERTS MAY BE USED.
- LOCATION OF CONSTRUCTION JOINTS NOT SPECIFICALLY INDICATED ON DRAWINGS SHALL BE APPROVED BY THE ENGINEER PRIOR TO PLACING REINFORCING STEEL.
- CONCRETE SLABS AND WALLS: VARIATION FROM LEVEL TO BE 1/8 INCH IN TEN FEET MAXIMUM, UNLESS OTHERWISE NOTED ON DRAWINGS.
- DETERMINE SIZE AND LOCATION OF ANCHOR BOLTS, PADS, SLEEVES, ETC., FOR MECHANICAL EQUIPMENT MANUFACTURER CERTIFIED DRAWINGS.
- WHERE APPROVED BY ENGINEER, PIPES MAY PASS THROUGH STRUCTURAL CONCRETE IN SLEEVES, BUT SHALL NOT BE EMBEDDED THEREIN.
- PROVIDE NO OPENINGS IN FRAMED SLABS, WALLS, AND BEAMS UNLESS SHOWN AND DETAILED ON STRUCTURAL DRAWINGS OR APPROVED IN WRITING BY THE STRUCTURAL ENGINEER.
- FINE GROUT MINIMUM COMPRESSIVE STRENGTH SHALL BE 4000 PSI AT 28 DAYS. SUBMIT GROUT MIX DESIGN TO THE STRUCTURAL ENGINEER FOR REVIEW.
- COARSE GROUT SHALL BE OF FLUID CONSISTENCY. APPROVED ADMIXTURES MAY BE ADDED TO THE GROUT MIX. GROUT SHALL ATTAIN A MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. SUBMIT GROUT MIX DESIGN TO THE STRUCTURAL ENGINEER FOR REVIEW.
- DRY PACK SHALL OBTAIN A MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. SUBMIT GROUT MIX DESIGN TO THE STRUCTURAL ENGINEER FOR REVIEW.
- PROPER CURING OF ALL CONCRETE IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND SHOULD BE DONE IN A MANNER RECOMMENDED BY THE LATEST EDITION OF THE ACI CODE.

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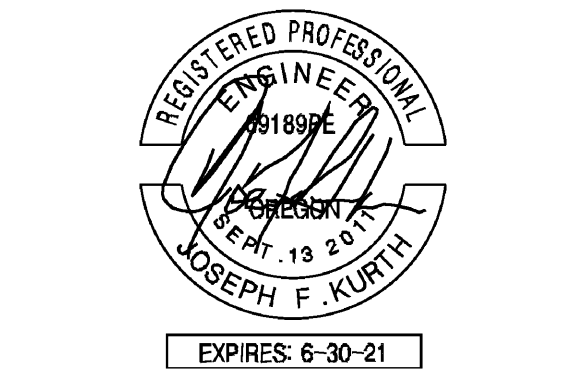
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Drawing Title

STRUCTURAL NOTES & SCHEDULES

Sheet No

S0.10

STRUCTURAL GLUED LAMINATED TIMBER

- GRADING AND FABRICATION OF GLUED LAMINATED TIMBER SHALL BE IN ACCORDANCE WITH ANSI / AITC 190.1.
- ALL GLUED LAMINATED TIMBER SHALL BE FABRICATED USING WET USE ADHESIVES MEETING ASTM D 2559-66T SPECIFICATIONS.
- STRESS VALUES:
 - SIMPLE SPAN BEAMS:

24F-V4	
EXTREME FIBERS IN BENDING	Fb = 2400 PSI
HORIZONTAL SHEAR	Fv = 265 PSI
COMPRESSION PERPENDICULAR TO GRAIN	Fc = 650 PSI
MODULUS OF ELASTICITY	E = 1,800,000 PSI
 - CONTINUOUS OR CANTILEVER BEAMS:

24F-V8	
EXTREME FIBERS IN BENDING	Fb = 2400 PSI
HORIZONTAL SHEAR	Fv = 265 PSI
COMPRESSION PERPENDICULAR TO GRAIN	Fc = 650 PSI
MODULUS OF ELASTICITY	E = 1,800,000 PSI
 - COLUMNS OR TRUSS MEMBERS:

COMBINATION NO. 2	
EXTREME FIBERS IN BENDING	Fb = 1800 PSI
HORIZONTAL SHEAR	Fv = 230 PSI
COMPRESSION PARALLEL TO GRAIN	Fc = 1950 PSI
MODULUS OF ELASTICITY	E = 1,600,000 PSI
COMBINATION NO. 3	
EXTREME FIBERS IN BENDING	Fb = 2100 PSI
HORIZONTAL SHEAR	Fv = 230 PSI
COMPRESSION PARALLEL TO GRAIN	Fc = 2300 PSI
MODULUS OF ELASTICITY	E = 1,900,000 PSI
COMBINATION NO. 4	
EXTREME FIBERS IN BENDING	Fb = 2200 PSI
HORIZONTAL SHEAR	Fv = 230 PSI
COMPRESSION PARALLEL TO GRAIN	Fc = 2100 PSI
MODULUS OF ELASTICITY	E = 1,900,000 PSI
- MANUFACTURER OF GLUE-LAMINATED TIMBER SHALL STAMP MEMBERS WITH AN A.I.T.C. STAMP AND A CERTIFICATE OF CONFORMANCE SHALL BE SUBMITTED TO THE BUILDING INSPECTION DEPARTMENT AND ENGINEER PRIOR TO INSTALLATION.
- APPEARANCE SHALL BE "INDUSTRIAL" UNLESS OTHERWISE NOTED. MANUFACTURER SHALL PROVIDE ONE COAT END-SEALER AND PROTECT IN TRANSIT. CONFIRM WITH ARCHITECTURAL FINISH REQUIREMENTS IN PROJECT SPECIFICATIONS.
- BEAMS SHALL BE WESTERN SPECIES WITH APPEARANCE CLASSIFICATIONS AS FOLLOWS:

LOCATION	APPEARANCE CLASSIFICATION
CONCEALED	INDUSTRIAL
EXPOSED TO VIEW	ARCHITECTURAL
- FIELD NOTCHING AND BORING OF MEMBERS ARE PROHIBITED UNLESS APPROVED BY THE STRUCTURAL ENGINEER OF RECORD.
- EXPOSED BEAMS SHALL USE A MODIFIED LAY UP, WITH AN ADDITIONAL TENSION LAMINATION PROVIDED IN LIEU OF A CORE LAMINATION AT EACH FACE. SUCH MEMBERS SHALL BE CLEARLY DESIGNATED AS "1-HOUR FIRE RATED". CONFIRM WITH ARCHITECTURAL FINISH R REQUIREMENTS IN PROJECT SPECIFICATIONS.

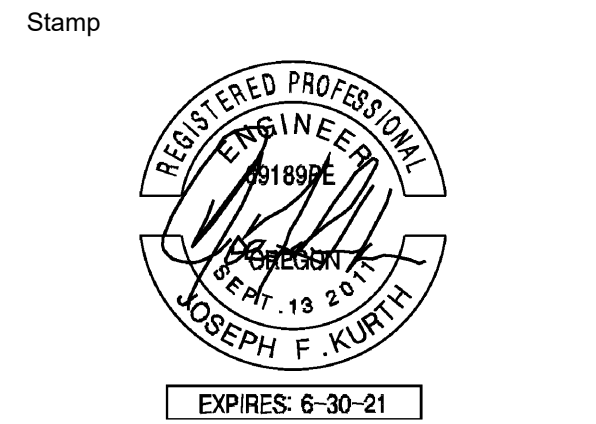
WOOD STRUCTURAL PANELS

- WOOD STRUCTURAL PANELS SHALL CONFORM TO THE REQUIREMENTS OF "U.S. PRODUCT STANDARD PS 1-07 FOR CONSTRUCTION AND INDUSTRIAL PLYWOOD", "U.S. PRODUCT STANDARD PS 2-07 PERFORMANCE STANDARD FOR WOOD-BASED STRUCTURAL-USE PANELS", OR "APA PRP-108 PERFORMANCE STANDARDS". UNLESS NOTED, PANELS SHALL BE APA RATED SHEATHING, EXPOSURE 1, OF THE THICKNESS AND SPAN RATING SHOWN BELOW:

ROOF SHEATHING:	23/32" EXPOSURE 1, C-D (APA-RATED 48/24) PLYWOOD OR EQUIVALENT ORIENTED STRAND BOARD (OSB). LONG DIMENSION SHALL BE PERPENDICULAR TO FRAMING MEMBERS AND END JOINTS STAGGERED TO MIDPOINT OF ADJACENT PANEL. USE 10d NAILS [0.099 x 2 1/4" OR BTR] @ 6" O.C. AT PANEL EDGES AND 12" O.C. IN THE FIELD UNLESS OTHERWISE NOTED.
FLOOR SHEATHING:	1 1/8" STURDIFLOOR [DESIGNED FOR MIN. 19/32" EXPOSURE 1, C-D APA-RATED 48/24 PLYWOOD OR ORIENTED STRAND BOARD (OSB) ESR-2586], LONG DIMENSION SHALL BE PERPENDICULAR TO FRAMING MEMBERS AND END JOINTS STAGGERED TO MIDPOINT OF ADJACENT PANEL. USE 10d NAILS [0.128 x 3" OR BTR] @ 3" O.C. AT PANEL EDGES AND 10" O.C. IN THE FIELD UNLESS NOTED OTHERWISE. ALL JOINTS TO BE BLOCKED UNLESS NOTED OTHERWISE ON PLANS.
- ALL PLYWOOD SHALL BE INSPECTED PRIOR TO COVERING. NAILS SHALL BE COMMON OR GALVANIZED BOX. THE NAIL EDGE DISTANCE FOR 3" NOMINAL (2 1/2" NET) WIDE MEMBERS ON WHICH SHEETS ARE SPLICED SHALL BE 3/4" MINIMUM.
- THE NAIL EDGE DISTANCE FOR 2" NOMINAL (1 1/2" NET) WIDE MEMBERS ON WHICH SHEETS ARE SPLICED SHALL BE 3/8" MINIMUM. CARE SHALL BE MADE NOT TO SPLIT THE FRAMING MEMBERS.
- THE NAIL EDGE DISTANCE FOR PLYWOOD SHEETS SHALL BE NOT LESS THAN 3/8".
- NAILS MAY BE SLANT DRIVEN TO MAINTAIN MINIMUM EDGE DISTANCE IN FRAMING MEMBERS.
- BLOCKING SHALL BE 2X OR 3X, AS NOTED ON PLANS.



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Drawing Title
STRUCTURAL NOTES & SCHEDULES

Sheet No
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QUALITY ASSURANCE PLAN

INSPECTIONS REQUIRED

INSPECTIONS: ALL CONSTRUCTION SHALL BE SUBJECT TO INSPECTION BY THE BUILDING OFFICIAL IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE SECTION 109. IN ADDITION, THE FOLLOWING SPECIAL INSPECTIONS SHALL BE PROVIDED IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE SECTION 1704.

CONCRETE: SEE SCHEDULE.

REINFORCING STEEL: SEE SCHEDULE.

WELDING: ALL STRUCTURAL WELDING, INCLUDING WELDING REINFORCING STEEL, EXCEPTION: WHEN WELDING IS DONE IN AN ICC APPROVED FABRICATOR'S SHOP, AS DEFINED IN INTERNATIONAL BUILDING CODE, SECTION 1704.2.2 SEE SCHEDULE.

MASONRY: SEE SCHEDULE.

THE SPECIAL INSPECTOR'S DUTIES AND RESPONSIBILITIES SHALL BE PER INTERNATIONAL BUILDING CODE SECTION 1704.

WELDING: THE SPECIAL INSPECTOR NEED NOT BE CONTINUOUSLY PRESENT DURING WELDING OF THE INDICATED ITEMS, PROVIDED THE MATERIALS, WELDING PROCEDURES, AND QUALIFICATIONS OF WELDERS ARE VERIFIED PRIOR TO THE START OF THE WORK; PERIODIC INSPECTIONS ARE MADE OF THE WORK IN PROGRESS AND A VISUAL INSPECTION OF ALL WELDS IS MADE PRIOR TO COMPLETION OR PRIOR TO SHIPMENT OF SHOP WELDING.

BOLT INSTALLATION: MONITORING OF BOLT INSTALLATION FOR PRETENSIONING IS PERMITTED TO BE PERFORMED ON A PERIODIC BASIS WHEN USING THE TURN-OF-NUT METHOD WITH THE MATCHMARKING TECHNIQUES, THE DIRECT TENSION INDICATOR METHOD, OR THE ALTERNATE DESIGN FASTENER (TWIST-OFF-BOLT) METHOD. JOINTS DESIGNATED AS SNUG TIGHT NEED TO BE INSPECTED ONLY ON A PERIODIC BASIS.

COST OF SPECIAL INSPECTIONS SHALL BE BORN BY THE OWNER. THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE HIS COMPETENCE, TO THE SATISFACTION OF THE BUILDING OFFICIAL, FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION.

DUTIES AND RESPONSIBILITIES OF THE SPECIAL INSPECTORS: THE SPECIAL INSPECTOR SHALL OBSERVE THE WORK ASSIGNED FOR CONFORMANCE WITH WITH THE APPROVED PLANS AND SPECIFICATIONS, AND SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL, AND TO CROW ENGINEERING INC. THE INSPECTOR SHALL SUBMIT A FINAL SIGNED REPORT STATING WHETHER THE WORK WAS, TO THE BEST OF HIS KNOWLEDGE, IN CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS.

STRUCTURAL OBSERVATION

STRUCTURAL OBSERVATION, AS DEFINED BY IBC, SECTION 1702, SHALL BE PROVIDED BY THE STRUCTURAL ENGINEER OF RECORD. DEFICIENCIES SHALL BE REPORTED IN WRITING TO THE OWNER AND THE BUILDING OFFICIAL. AT CONCLUSION OF THE WORK INCLUDED IN THE PERMIT, THE STRUCTURAL OBSERVER SHALL SUBMIT TO THE BUILDING OFFICIAL A WRITTEN STATEMENT THAT THE SITE VISITS HAVE BEEN MADE AND REPORTED DEFICIENCIES WHICH, TO THE BEST OF THE STRUCTURAL OBSERVER'S KNOWLEDGE, HAS BEEN RESOLVED.

THE PROJECT ENGINEER (ENGINEER) WILL MAKE VISITS TO THE SITE AT INTERVALS AGREED IN THE ENGINEERING CONTRACT IN ORDER TO OBSERVE THE PROGRESS AND QUALITY OF VARIOUS ASPECTS OF CONTRACTOR(S) WORK. BASED ON INFORMATION OBTAINED DURING SUCH VISITS AND ON SUCH OBSERVATIONS, ENGINEER SHALL ENDEAVOR TO DETERMINE IN GENERAL IF SUCH WORK IS PROCEEDING IN ACCORDANCE WITH THE DESIGN DOCUMENTS.

THE PURPOSE OF ENGINEER'S VISITS TO THE SITE WILL BE TO ENABLE ENGINEER TO PROVIDE FOR THE OWNER A GREATER DEGREE OF CONFIDENCE THAT THE COMPLETED WORK OF CONTRACTOR(S) WILL CONFORM GENERALLY TO THE DESIGN DOCUMENTS AND THAT THE INTEGRITY OF THE DESIGN CONCEPT AS REFLECTED IN THE DESIGN DOCUMENTS HAS BEEN IMPLEMENTED BY THE CONTRACTOR(S). ON THE OTHER HAND, ENGINEER SHALL NOT, DURING SUCH VISITS OR AS A RESULT OF SUCH OBSERVATIONS OF CONTRACTOR(S) WORK IN PROGRESS, SUPERVISE, DIRECT OR HAVE CONTROL OVER CONTRACTOR(S) WORK NOR SHALL ENGINEER HAVE AUTHORITY OVER RESPONSIBILITY FOR THE MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES OF CONSTRUCTION SELECTED BY CONTRACTOR(S), FOR SAFETY PRECAUTIONS AND PROGRAMS INCIDENTAL TO THE WORK OF CONTRACTOR(S) TO COMPLY TO THE LAWS, RULES, REGULATIONS, ORDINANCES, CODES OR ORDERS APPLICABLE TO CONTRACTOR(S) FURNISHING AND PERFORMING THEIR WORK. ACCORDINGLY, ENGINEER CAN NEITHER GUARANTEE THE PERFORMANCE OF THE CONSTRUCTION CONTRACTS BY CONTRACTOR(S) NOR ASSUME RESPONSIBILITY FOR CONTRACTOR(S) FAILURE TO FURNISH AND PERFORM THEIR WORK IN ACCORDANCE WITH DESIGN DOCUMENTS.

THE SEISMIC FORCE RESISTING SYSTEM CONSISTING OF THE FOLLOWING COMPONENTS:

NORTH / SOUTH: PLYWOOD ROOF DIAPHRAGMS & LIGHT FRAMED WALLS SHEATHED WITH WOOD STRUCTURAL PANELS RATED FOR SHEAR RESISTANCE.

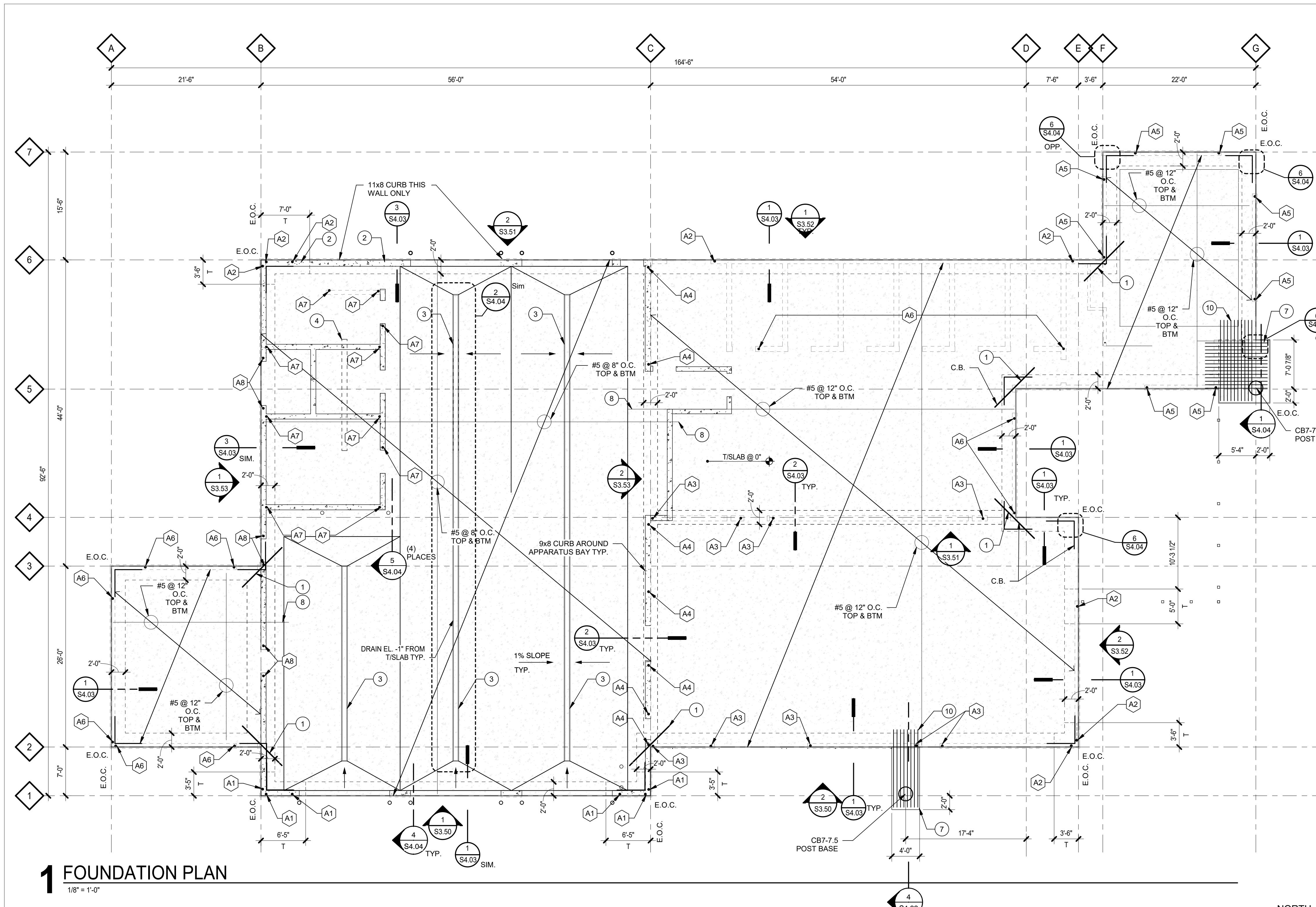
EAST / WEST: PLYWOOD ROOF DIAPHRAGMS & LIGHT FRAMED WALLS SHEATHED WITH WOOD STRUCTURAL PANELS RATED FOR SHEAR RESISTANCE.

TABLE 1					
REQUIRED GEOTECHNICAL SPECIAL INSPECTIONS					
SYSTEM or MATERIAL	IBC CODE REFERENCE	CODE or STANDARD REFERENCE	INSPECTION		REMARKS
			FREQUENCY		
			Continuous	Periodic	
SOILS					
GEOTECHNICAL INVESTIGATIONS	1803				GEOTECHNICAL INVESTIGATION SHALL INCLUDE ITEMS OF SPECIAL INSPECTION AND TESTING AS NOTED IN TABLE 5 OF THE GUIDELINES
VERIFY FOOTING BEARING CAPACITY AND SUBGRADE PREPARATION FOR FILLS	TABLE 1705.6	GEOTECHNICAL REPORT		X (a)	BY THE GEOTECHNICAL ENGINEER
FILL MATERIAL VERIFICATION			X		
FILL PLACEMENT & COMPACTION			X		
VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY				X (a)	BY THE GEOTECHNICAL ENGINEER
VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL				X	
PERFORM CLASSIFICATION OF COMPACTED FILL MATERIALS				X	
VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL			X		BY THE GEOTECHNICAL ENGINEER
PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY				X	

TABLE 2					
SPECIAL INSPECTIONS PROGRAM					
REQUIRED STRUCTURAL SPECIAL INSPECTIONS PER CHAPTER 17					
SYSTEM or MATERIAL	IBC CODE REFERENCE	CODE or STANDARD REFERENCE	INSPECTION		REMARKS
			FREQUENCY		
			Continuous	Periodic	
FABRICATORS					
FABRICATORS	1704.2			X	SPECIAL INSPECTIONS APPLY TO VERIFICATION OF DETAILED FABRICATION AND QUALITY CONTROL PROCEDURES INCLUDING REVIEW FOR COMPLETENESS AND ADEQUACY RELATIVE TO THE CODE REQUIREMENTS
CONCRETE					
VERIFYING USE OF REQUIRED MIX DESIGN(S)	1904.1, 1904.2, 1908.2, 1908.3	ACI 318: CHAPTER 19 26.4.3, 26.4.4		X	
PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE	1908.10	ASTM C172 ASTM C31 ACI 318: 26.5, 26.12	X		
INSPECT CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	1908.6, 1908.7, 1908.8	ACI 318: 26-5	X		
INSPECT FORMWORK FOR SHAPE, LOCATION, AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.		ACI 318: 26.11.1,2(b)		X	
INSPECT ANCHORS CAST IN CONCRETE	TABLE 1705.3	ACI 318: 17.8.2		X	
a. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN a.	TABLE 1705.3	ACI 318: 17.8.2 ACI 318: 17.8.2.4		X	
STEEL					
FABRICATION OF STRUCTURAL ELEMENTS	1705.2			X	REFER TO INSPECTION OF FABRICATOR REQUIREMENTS
MATERIAL VERIFICATION OF STRUCTURAL STEEL	1704.3 2203.1	ASTM A6 ASTM STANDARDS SPECIFIED IN CONSTRUCTION DOCUMENTS AISC 360 A3.1 AISC 360 M5.5		X	CERTIFIED MILL TEST REPORTS
MATERIAL VERIFICATION OF HIGH STRENGTH BOLTS, NUTS, AND WASHERS	1704.3.3	ASTM STANDARDS SPECIFIED IN CONSTRUCTION DOCUMENTS RCSC 2.1		X	MANUFACTURER'S CERTIFIED TEST REPORTS
MATERIAL VERIFICATION OF ANCHOR BOLTS AND THREADED RODS	1704.3	ASTM STANDARDS SPECIFIED IN CONSTRUCTION DOCUMENTS		X	MANUFACTURER'S CERTIFIED TEST REPORTS

VERIFYING USE OF PROPER WPS'S				X	COPY OF WELDING PROCEDURE SPECIFICATIONS
VERIFYING WELDER QUALIFICATIONS				X	COPY OF QUALIFICATION CARDS
SINGLE PASS FILLET WELDS LESS THAN OR EQUAL TO 5/16"	1704.3.1 TABLE 1704.4	AWS D1.1, SECTION 6		X	ALL WELDS VISUALLY INSPECTED PER AWS D1.1 6.9
WOOD					
FABRICATION OF PREFABRICATED STRUCTURAL ELEMENTS	1704.2			X	REFER TO INSPECTION OF FABRICATOR REQUIREMENTS
1. FABRICATION OF HIGH-LOAD DIAPHRAGMS:					
A. VERIFY STRUCTURAL PANEL GRADE AND THICKNESS	1704.1 1704.6.1 TABLE 2306.2.1 (2)			X	
B. VERIFY NOMINAL SIZE OF FRAMING MEMBERS AT ADJOINING PANEL EDGES	1704.6.1 TABLE 2306.2.1 (2)			X	
C. VERIFY NAIL OR STAPLE DIAMETER AND LENGTH, NUMBER OF FASTENER LINES AND SPACING BETWEEN FASTENERS IN EACH LINE AND AT EDGE MARGINS	1704.1 1704.6.1 TABLE 2306.2.1(2)			X	

TABLE 6					
REQUIRED SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE					
SYSTEM or MATERIAL	IBC CODE REFERENCE	CODE or STANDARD REFERENCE	INSPECTION		REMARKS
			FREQUENCY		
			Continuous	Periodic	
WOOD					
CONNECTIONS FOR DIAPHRAGM CHORDS, COLLECTORS, BRACING, AND SHEAR WALL ANCHORAGE AND HOLD-DOWNS	1705.5			X	ALL CONNECTIONS VISUALLY INSPECTED
FASTENING OF DIAPHRAGM AND SHEAR WALL SHEATHING WITH EDGE NAILING < 4"				X	SPECIAL INSPECTION IS NOT REQUIRED WHEN FASTENER SPACING IS GREATER THAN 4" ON CENTER FOR WOOD SHEAR WALLS, DIAPHRAGMS, NAILING BUILDING AND OTHER COMPONENTS IN THE SEISMIC FORCE-RESISTING SYSTEM.



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

- ### FOUNDATION NOTES
- SEE ARCHITECTURAL / MECHANICAL / CIVIL PLANS FOR DRAINS, SLOPES, AND OTHER FLOOR DEPRESSIONS NOT SHOWN
 - SEE ARCHITECTURAL PLANS FOR DIMENSIONS, ELEVATIONS, AND WALLS NOT SHOWN
 - SEE SOILS REPORT FOR ALL FOUNDATION AND SLAB SUPPORT REQUIREMENTS. THIS IS TO INCLUDE ALL EXCAVATION & FILL REPLACEMENT REQUIREMENTS
 - ALL DETAIL CUTS ARE SIMILAR AT LIKE CONDITIONS, TYPICAL
 - PROVIDE VAPOR BARRIER, PER ARCH.
 - CONTRACTOR SHALL PROVIDE SLOPED SLAB AT ALL EXTERIOR OPENINGS

- ### FOUNDATION LEGEND
- E.O.C. EDGE OF CONCRETE
 - BEARING WALL ABOVE
 - 9" WIDE x 8" TALL CONCRETE CURB
 - HOLD DOWN ANCHOR, REF. SCHEDULE
 - T THICKEN SLAB EDGE TO 2" DEPTH OF CONCRETE. MINIMUM 2'-0" TO EITHER SIDE OF ANCHORS A1 AND A2
 - C.B. ADDITIONAL #3x CORNER BARS. TOP AND BOTTOM IN FOOTING. TOP ONLY IN CURB

KEY NOTES

NUMBER	DESCRIPTION
1	PROVIDE (2) ADDITIONAL #5 BAR x 8'-0" @ REINTRANT CORNERS, 3' CLR. TYP.
2	STOP AND START CONTINUOUS BARS AT CURB FOR FUTURE OPENING
3	FLOOR DRAINS COORDINATE SIZE AND LOCATION WITH ARCHITECTURAL AND PLUMBING PLANS
4	PROVIDE REINFORCEMENT IN SLAB FOR FUTURE FLOOR DRAIN
7	THICKENED SLAB EDGE LONGITUDINAL REINFORCEMENT AND SLAB REINFORCEMENT SHALL CONTINUE INTO FOOTING. TOP BAR SHALL TERMINATE WITH STANDARD HOOK 1 1/2" CLEAR TO EDGE OF CONCRETE. ADD ADDITIONAL TOP AND BOTTOM BARS AS REQUIRED TO MEET INDICATED BAR SPACING (SEE PLAN). TOP BAR ADDED TO MEET SPACING REQUIREMENTS SHALL EXTEND A MINIMUM OF 30" INTO SLAB.
8	EXTEND TOP BARS A MINIMUM OF 48" INTO SLAB OR LAP BARS PER GENERAL NOTES
10	#5 AT 6" O.C. E.W. TOP AND BOTTOM. THIS AREA LAP INTO MAIN MAT SLAB REINFORCEMENT.

HOLD DOWN ANCHOR SCHEDULE

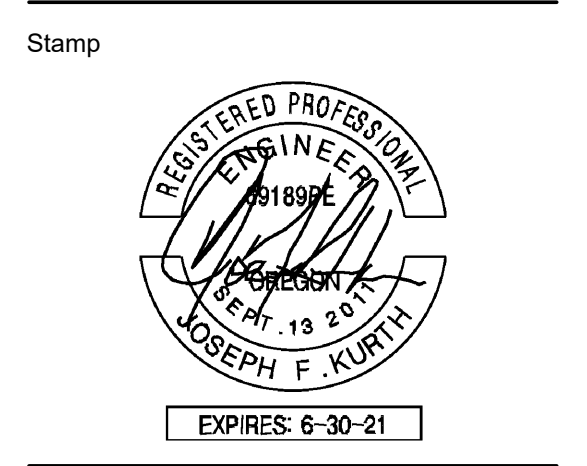
HOLD DOWN NUMBER	DESCRIPTION
A1	SIMPSON PAB6H WITH 21.5" MINIMUM EMBEDMENT
A2	SIMPSON PAB7H WITH 21.5" MINIMUM EMBEDMENT
A3	SIMPSON PAB8H WITH 9" MINIMUM EMBEDMENT
A4	SIMPSON PAB8H WITH 15" MINIMUM EMBEDMENT
A5	SIMPSON PAB8H WITH 10" MINIMUM EMBEDMENT
A6	5/8" DIAMETER F1554-36 HEAVY HEX BOLT WITH 8" MINIMUM EMBEDMENT
A7	SIMPSON PAB7H WITH 21.5" MINIMUM EMBEDMENT
A8	5/8" DIAMETER F1554-36 HEAVY HEX BOLT WITH 4" MINIMUM EMBEDMENT

NOTES: SEE SHEET 15.01 FOR 4" MINIMUM EMBEDMENT HOLD DOWNS.



Revisions

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FOUNDATION PLAN

Sheet No
S1.01



Project

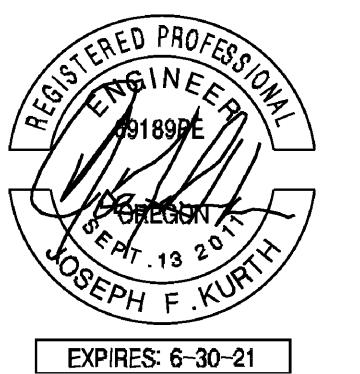
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Drawing Title

SHEAR WALL PLAN

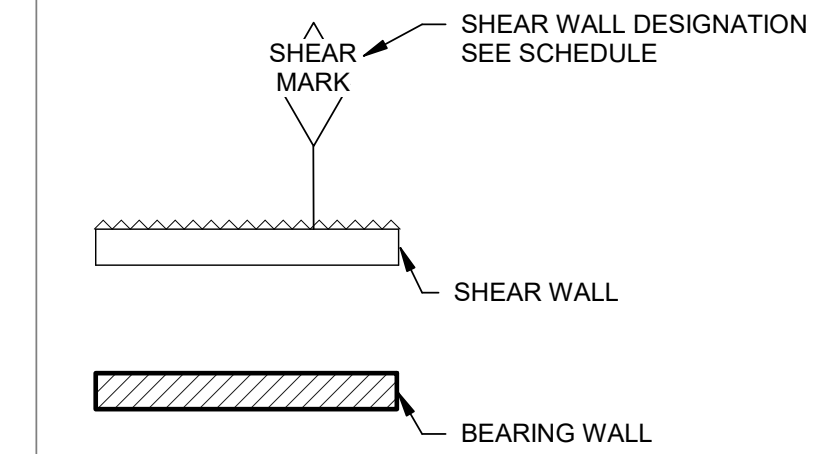
Sheet No

S2.01

SHEAR WALL NOTES

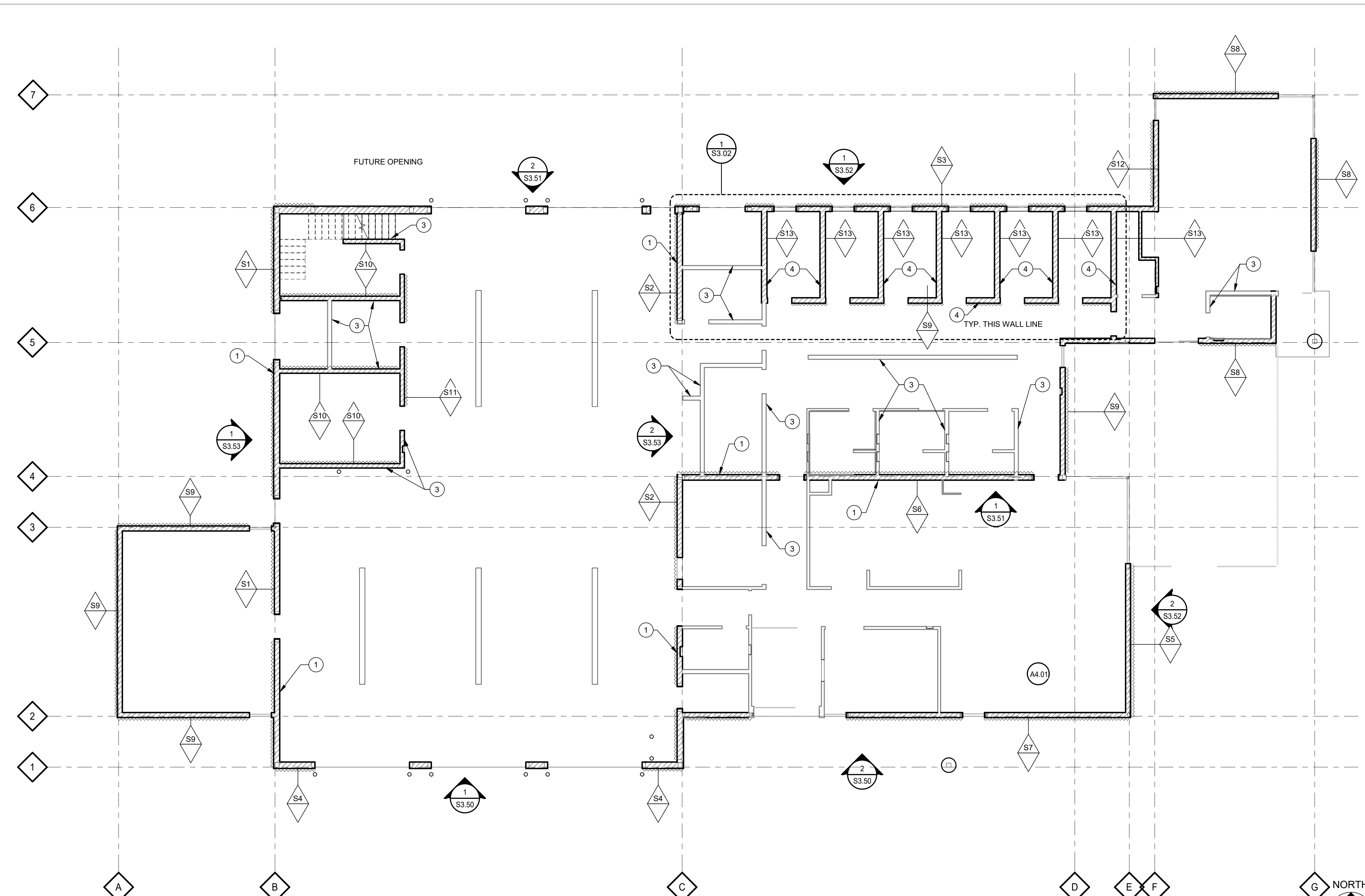
- SEE DIAPHRAGM PLANS FOR ALL LATERAL TIES TO SHEARWALLS.
- SEE SCHEDULE FOR SHEARWALL AND HOLD DOWN INFORMATION.
- WHERE COLUMNS OCCUR IN SHEAR WALLS, LOCATE HOLD DOWNS AT THOSE COLUMNS AS WELL AS AT SHEAR WALL ENDS.
- TERMINATE SHEAR WALL AT GRIDLINE EE, ALIGN END CHORDS WITH WALL BELOW.
- REFER TO DETAIL 5/403 FOR ANCHORAGE REQUIREMENTS FOR EMBEDDED ANCHORS.
- ALL WALL SHEATHING SHALL BE 1/2" (15/32) OSB.
- ALL EXTERIOR WALL STUDS TO BE 2x6 @ 16" O.C. UNLESS NOTED OTHERWISE.
- ALL INTERIOR WALL STUDS TO BE 2x4 @ 16" O.C. UNLESS NOTED OTHERWISE.

STRUCTURAL WALL LEGEND



SHEAR WALL PLAN KEYNOTES

- 1 2x8 STUDS @ 16" O.C.
- 2 2x4 STUDS @ 16" O.C.
- 3 2x6 STUDS @ 16" O.C.
- 4 2x6 STUDS @ 24" O.C.



1 SHEAR WALL PLAN
1/8" = 1'-0"

SHEAR WALL SCHEDULE

SHEAR WALL TYPE	HOLD DOWN TYPE	NOMINAL END POST	TOP PLATE	BTM PLATE	FASTENERS	FASTENING @ PANEL EDGES (in)	FASTENING @ PANEL FIELD (in)	TOP/BTM PLATE NAILING (O.C.)	BLOCKING	SILL PLATE ANCHORS	HOLD DOWN ANCHOR
S1	REF. ELEV. 1 / S3.53										REF. S1.01
S2	REF. ELEVATION 2 / S3.53										REF. S1.01
S3	REF. ELEVATIONS 2 / S3.51 AND 1/S3.52										REF. S1.01
S4	REF. ELEVATION 1 / S3.50										REF. S1.01
S5	REF. ELEVATION 2 / S3.52										REF. S1.01
S6	REF. ELEVATION 1 / S3.51										REF. S1.01
S7	REF. ELEVATION 2 / S3.50										REF. S1.01
S8	SIMPSON HDU4-SDS 2.5 W/ (10) 1/4" x 2 1/2" SDS SCREWS	4x6	DOUBLE 2x6	2x6	10d	6	12	10d @ 3"	REF. TYPICAL BLOCKING DETAIL 10/S5.01	5/8" DIAMETERx4 3/4" TITEN HD ANCHORS @ 42" O.C. TYP. MAX 1'-0" FROM PLATE END	REF. S1.01
S9		4x6	DOUBLE 2x6	2x6	10d	6	12	10d @ 3"	REF. TYPICAL BLOCKING DETAIL 10/S5.01		REF. S1.01
S10	SIMPSON DTT2Z W/ (8) 1/4" x 2 1/2" SDS SCREWS	4x6	DOUBLE 2x6	2x6	10d	6	12	10d @ 6"	REF. TYPICAL BLOCKING DETAIL 10/S5.01	5/8" DIAMETERx4 3/4" TITEN HD ANCHORS @ 48" O.C. TYP. MAX 1'-0" FROM PLATE END	REF. S1.01
S11	SIMPSON HDU2-SDS 2.5 W/ (6) 1/4" x 2 1/2" SDS SCREWS	4x6	DOUBLE 2x6	2x6	10d	6	12	10d @ 4"	REF. TYPICAL BLOCKING DETAIL 10/S5.01	5/8" DIAMETERx4 3/4" TITEN HD ANCHORS @ 48" O.C. TYP. MAX 1'-0" FROM PLATE END	REF. S1.01
S12	SIMPSON HDU4-SDS 2.5 W/ (10) 1/4" x 2 1/2" SDS SCREWS	4x6	DOUBLE 2x6	2x6	10d	6	12	16d @ 3"	REF. TYPICAL BLOCKING DETAIL 10/S5.01	5/8" DIAMETERx4 3/4" TITEN HD ANCHORS @ 42" O.C. TYP. MAX 1'-0" FROM PLATE END	REF. S1.01
S13	REF. ELEVATIONS 2 / S3.51 AND 1/S3.52	2x6	DOUBLE 2x2	2x6	6d	COOLER NAILS				5/8" DIAMETERx4 3/4" TITEN HD ANCHORS @ 48" O.C. TYP. MAX 1'-0" FROM PLATE END	REF. S1.01



Project

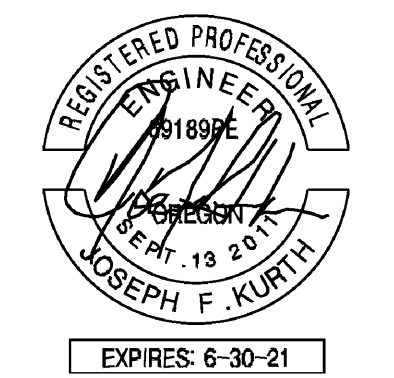
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ROOF PLANS A AND D

Sheet No

S3.00

ROOF FRAMING NOTES

- COORDINATE ALL ROOF SUPPORTED EQUIPMENT PRIOR TO FABRICATION OF ROOF JOISTS.
- SEE SHEARWALL PLAN(S) FOR LOCATION OF ALL SHEARWALLS AND HOLD DOWNS.
- ALL ROOF SHEATHING NAILING THIS SHEET (AREA D + A) SHALL BE UNBLOCKED W/ 10d NAILS @ 6" O.C. AT PANEL EDGES, 10d NAILS @ 12" O.C. FIELD. 1 1/2" MINIMUM NAIL PENETRATION INTO FRAMING.
- TYPICAL HEADERS UNLESS NOTED OTHERWISE:
2x4 STUD WALL: (2) 2x4
2x6 STUD WALL: (2) 2x6
2x8 STUD WALL: (2) 2x8

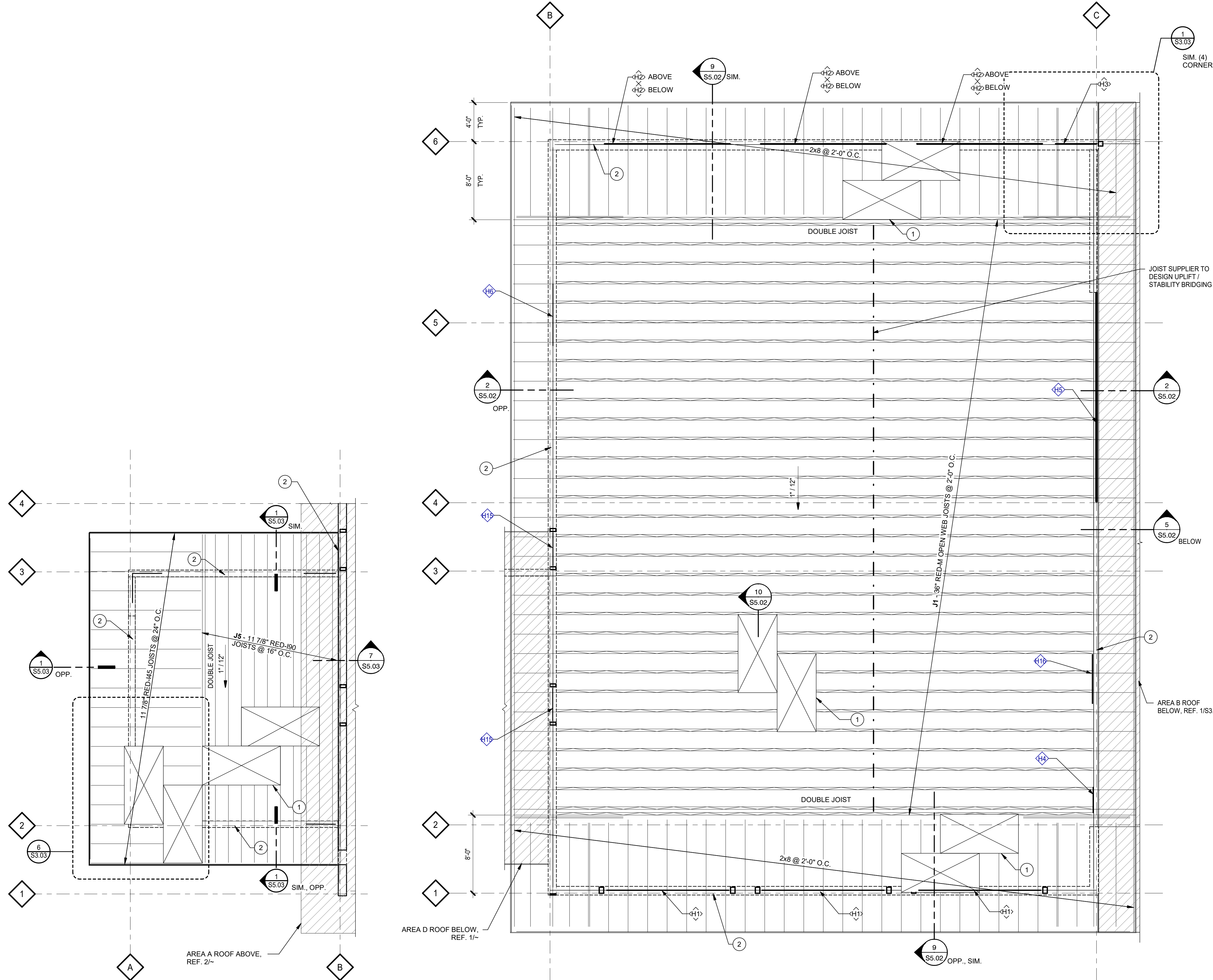
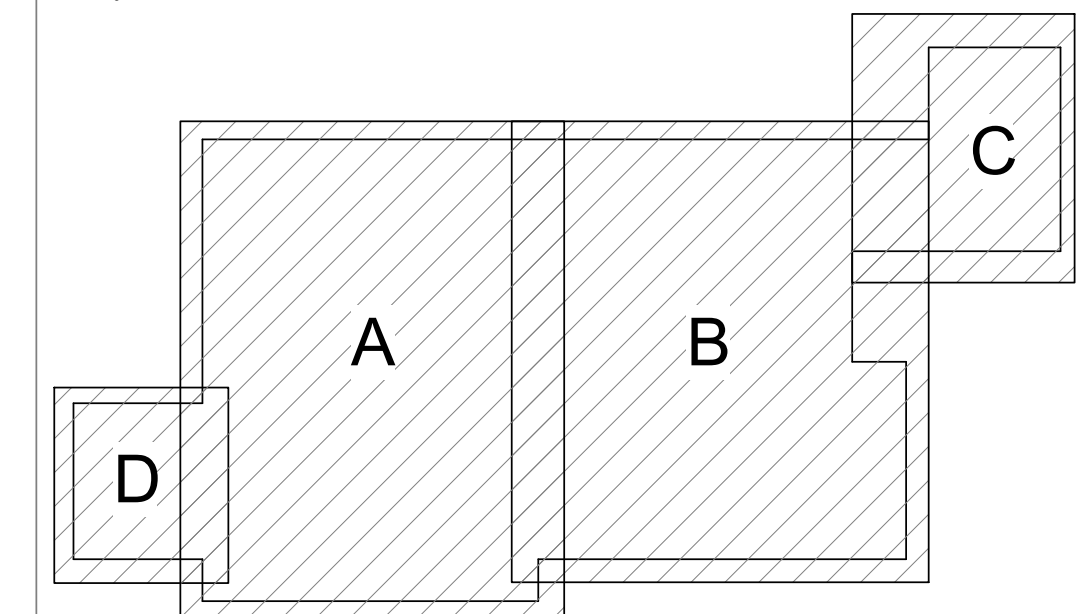
ROOF FRAMING KEYNOTES

- 23/32" PLY SHEATHING. ORIENT PERPENDICULAR & STAGGER TO FRAMING. SEE FRAMING NOTES.
 - NAIL SHEATHING TO WALL BLOCKING PER EDGE NAILING REQUIREMENT. SEE FRAMING NOTES.
 - GL 6 3/4" x 7 1/2" POST, USE SIMPSON CCOQ785052S FOR POST CAP, SIMPSON 7-7.5 FOR POST BASE.
- X" / 12" DIRECTION OF ROOF SLOPE
- NON-TYPICAL HEADER, SEE SCHEDULE
- HEADER, SEE NOTES/SCHEDULE

HEADER SCHEDULE

Header #	HEADER TYPE	KING STUD	TRIMMER
H1	REF. 1/S3.50	5.5x7.5 GLULAM	NONE
H2	REF. 2/S3.51	6.75x9 GLULAM	NONE
H3	GL 6.75x9 (FLAT)	REF. 2/S3.51	4x10 RIPPED TO 9"
H4	(2) 3.5x7.25 LSL (FLAT)	3.5x7.25 LSL	2x8
H5	5.5x28.5 GLULAM	REF. 2/S3.53	5.25x7 PSL
H6	(2) 3.5x7.25 LSL	3.5x7.25 LSL	1.75x7.25 LSL
H7	5.5x12 GLULAM	3.5x5.5 LSL	(2) 2x6
H8	6x6	(2) 2x6	2x6
H9	5.5x18 GLULAM	5.5x7.5 GLULAM	NONE
H10	5.5x6 GLULAM	REF. 1/S3.51	REF. 1/S3.51
H11	(3) 2x8	REF. 1/S3.51	2x8
H12	5.5x7.5 GLULAM	5.5x7.5 GLULAM	3.5x5.5 GLULAM
H13	6x6	(2) 2x6	2x6
H14	(3) 2x8	(2) 2x8	2x8
H15	(2) 3.5x7.25 LSL (FLAT)	3.5x7.25 LSL	1.75x7.25 LSL
H16	(2) 3.5x7.25 LSL	3.5x7.25 LSL	2x8
H17	5.5x12 GLULAM	NONE	NONE
H18	5.5x16 GLULAM	5.5x7.5 GLULAM	NONE

Key Plan



1 AREA D ROOF FRAMING PLAN
3/16" = 1'-0"

2 AREA A ROOF FRAMING PLAN
3/16" = 1'-0"



Project

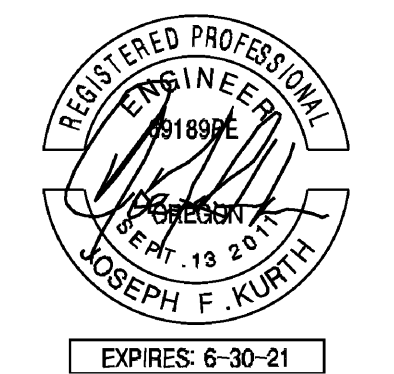
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ROOF PLANS B AND C

Sheet No

S3.01

ROOF FRAMING NOTES

- COORDINATE ALL ROOF SUPPORTED EQUIPMENT PRIOR TO FABRICATION OF ROOF JOISTS.
- SEE SHEARWALL PLAN(S) FOR LOCATION OF ALL SHEARWALLS AND HOLD DOWNS.
- ALL ROOF SHEATHING NAILING AREA C SHALL BE UNBLOCKED W/ 10d NAILS @ 6" O.C. AT PANEL EDGES, 10d NAILS @ 12" O.C. FIELD. 1 1/2" MINIMUM NAIL PENETRATION INTO FRAMING.
- ALL ROOF SHEATHING NAILING AREA B SHALL BE BLOCKED W/ 10d NAILS @ 6" O.C. AT PANEL EDGES, 10d NAILS @ 12" O.C. FIELD. 1 1/2" MINIMUM PENETRATION INTO BLOCKING AND FRAMING
- ALL AREA B ROOF SHEATHING NAILING HATCHED AREA SHALL BE BLOCKED W/ 10d NAILS @ 4" O.C. AT PANEL EDGES, 10d NAILS @ 12" O.C. FIELD. 1 1/2" MINIMUM PENETRATION INTO BLOCKING AND FRAMING.
- TYPICAL HEADERS UNLESS NOTED OTHERWISE:
2x4 STUD WALL: (2) 2x4
2x6 STUD WALL: (2) 2x6
2x8 STUD WALL: (2) 2x8

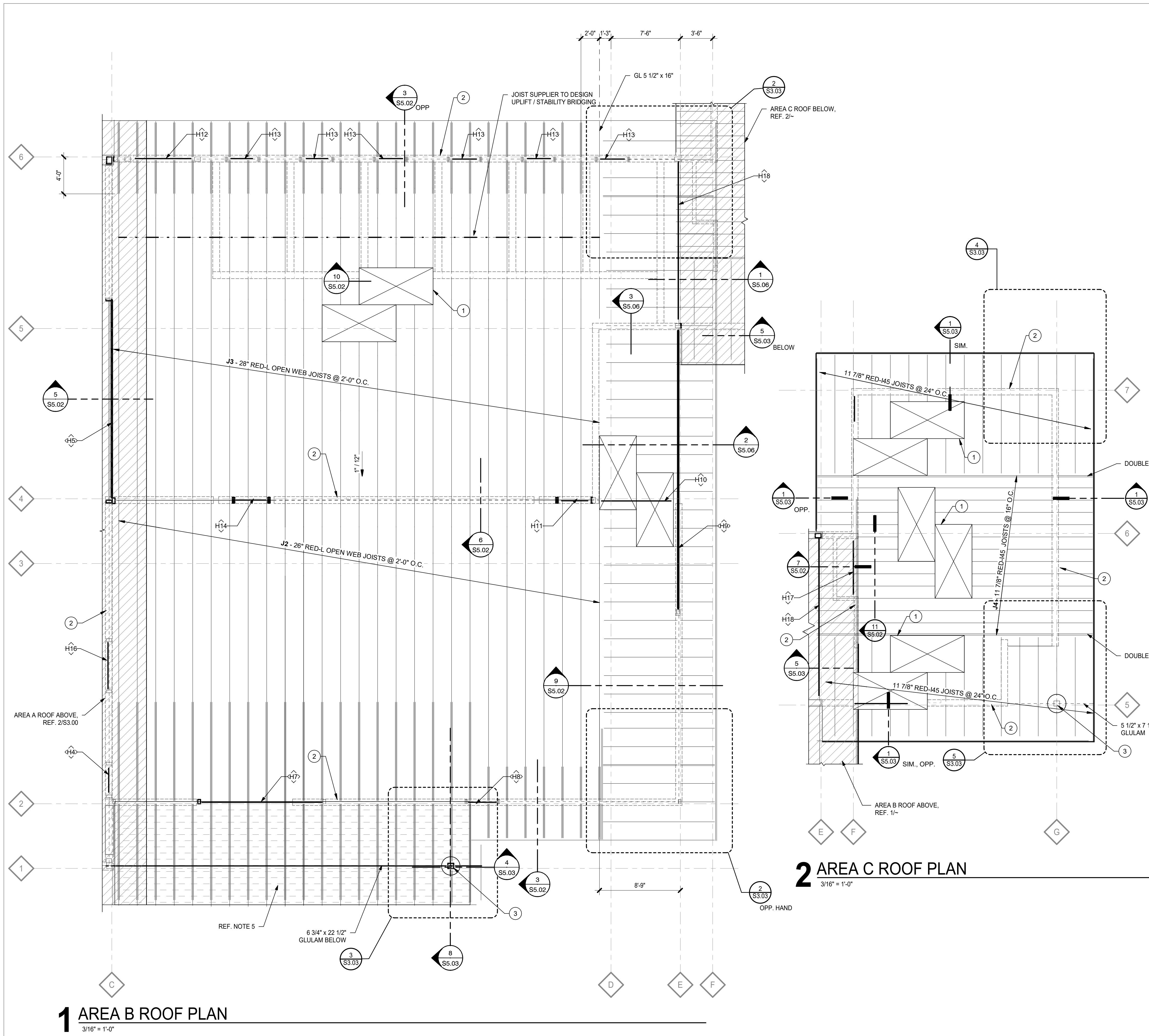
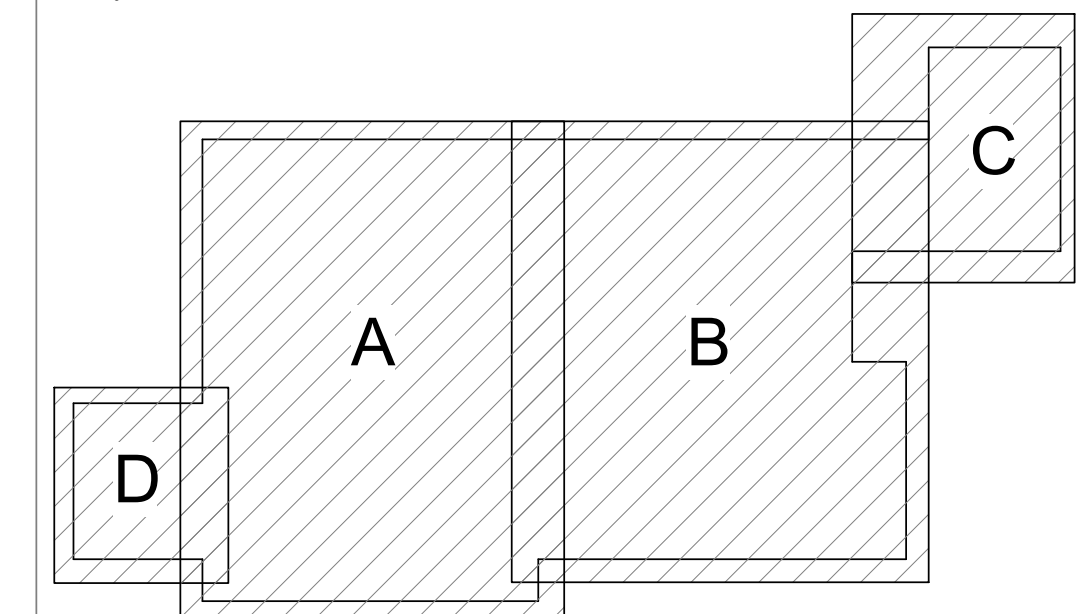
ROOF FRAMING KEYNOTES

- 23/32" PLY SHEATHING. ORIENT PERPENDICULAR & STAGGER TO FRAMING. SEE FRAMING NOTES.
 - NAIL SHEATHING TO WALL BLOCKING PER EDGE NAILING REQUIREMENT. SEE FRAMING NOTES.
 - GL 6 3/4" x 7 1/2" POST, USE SIMPSON CQ785052S FOR POST CAP, SIMPSON 7-7.5 FOR POST BASE.
- X" / 12" DIRECTION OF ROOF SLOPE
- ◊# NON-TYPICAL HEADER, SEE SCHEDULE
- HEADER, SEE NOTES/SCHEDULE

HEADER SCHEDULE

Header	HEADER TYPE	KING STUD	TRIMMER
H11	REF. 1/S3.50	5.5x7.5 GLULAM	NONE
H12	REF. 2/S3.51	6.75x9 GLULAM	NONE
H13	GL 6.75x9 (FLAT)	REF. 2/S3.51	4x10 RIPPED TO 9"
H14	(2) 3.5x7.25 LSL (FLAT)	3.5x7.25 LSL	2x8
H15	5.5x28.5 GLULAM	REF. 2/S3.53	5.25x7 PSL
H16	(2) 3.5x7.25 LSL	3.5x7.25 LSL	1.75x7.25 LSL
H17	5.5x12 GLULAM	3.5x5.5 LSL	(2) 2x6
H18	6x6	(2) 2x6	2x6
H19	5.5x18 GLULAM	5.5x7.5 GLULAM	NONE
H10	5.5x6 GLULAM	REF. 1/S3.51	REF. 1/S3.51
H11	(3) 2x8	REF. 1/S3.51	2x8
H12	5.5x7.5 GLULAM	5.5x7.5 GLULAM	3.5x5.5 GLULAM
H13	6x6	(2) 2x6	2x6
H14	(3) 2x8	(2) 2x8	2x8
H15	(2) 3.5x7.25 LSL (FLAT)	3.5x7.25 LSL	1.75x7.25 LSL
H16	(2) 3.5x7.25 LSL	3.5x7.25 LSL	2x8
H17	5.5x12 GLULAM	NONE	NONE
H18	5.5x16 GLULAM	5.5x7.5 GLULAM	NONE

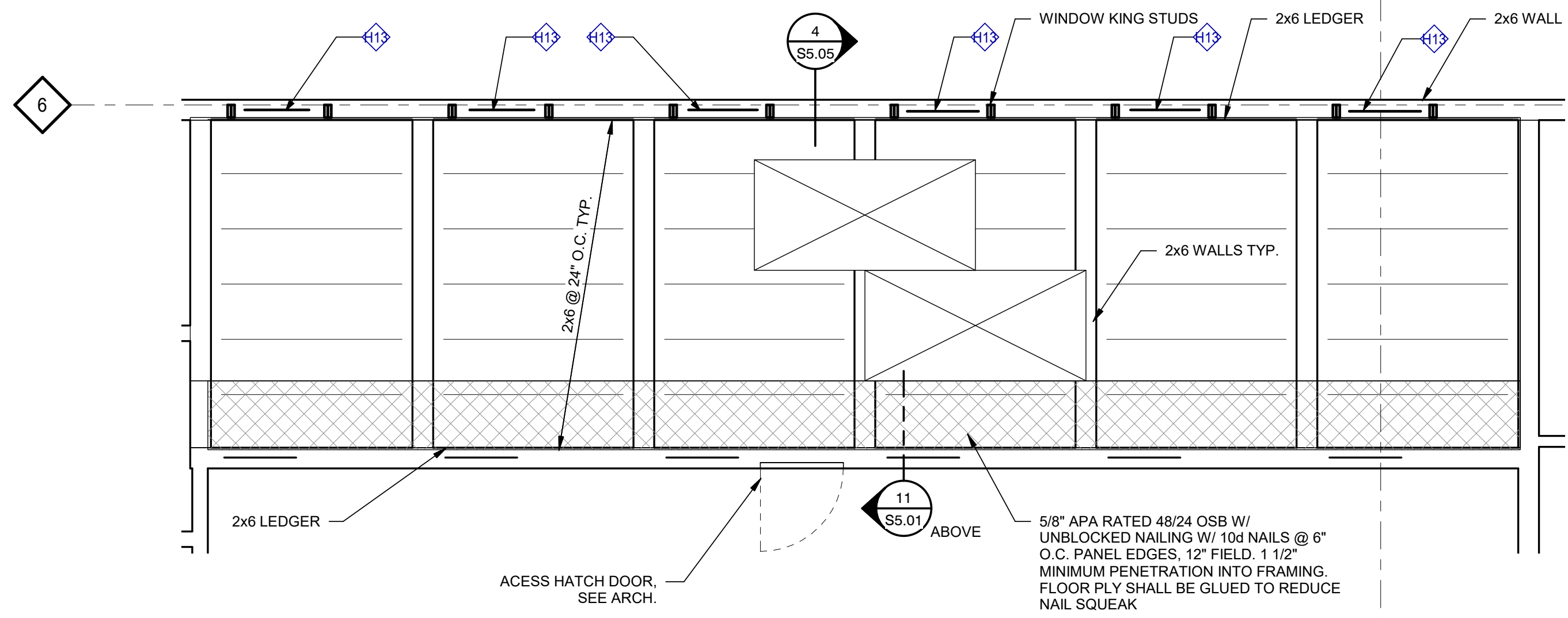
Key Plan



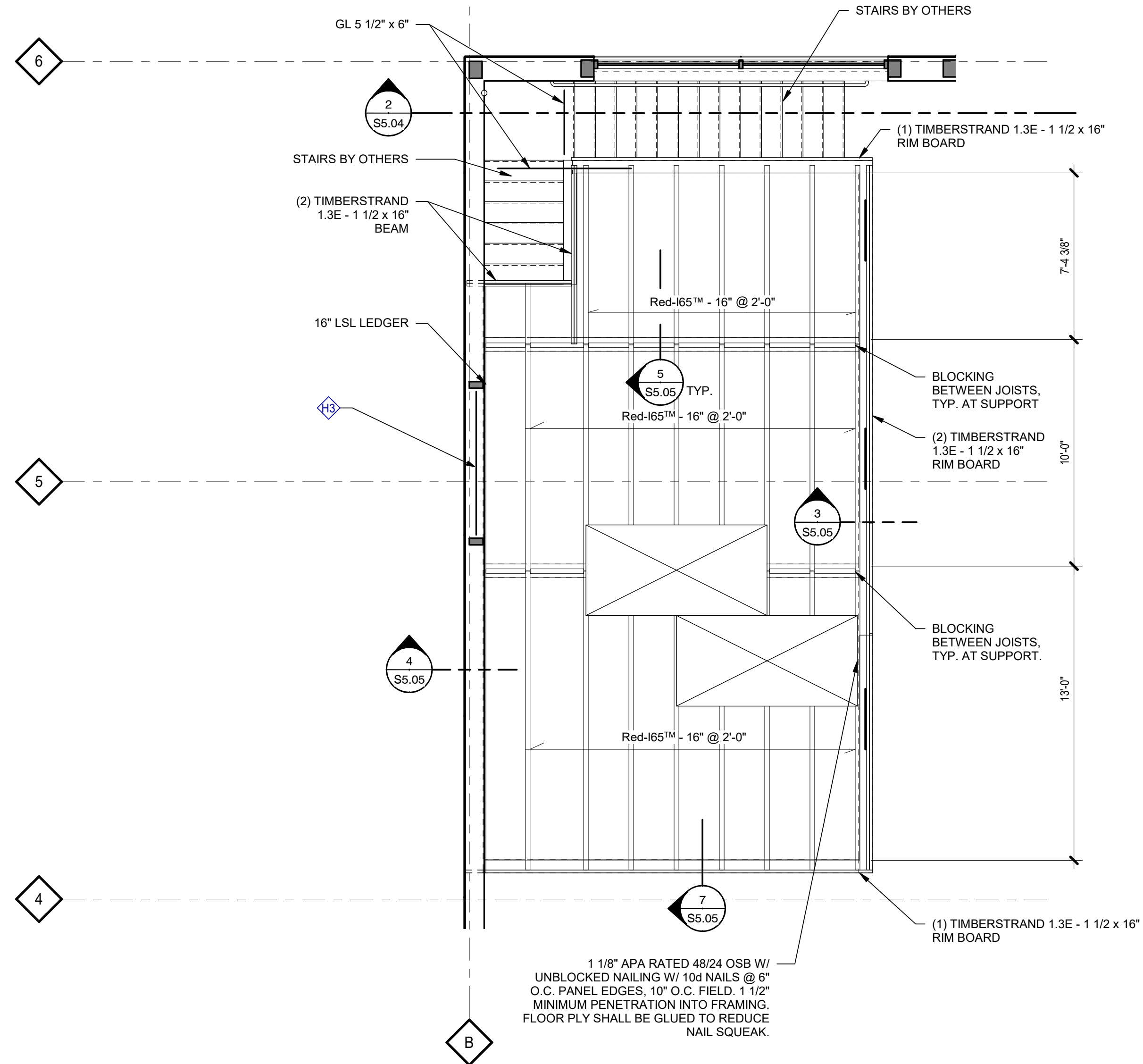
1 AREA B ROOF PLAN
3/16" = 1'-0"

2 AREA C ROOF PLAN
3/16" = 1'-0"

DATE 1/28/2021 5:29:27 PM
FILE PATH: BIM 360://Millersburg Fire Station/Millersburg FS-CDs.rvt



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

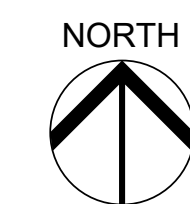


2 MEZZANINE FRAMING PLAN
1/4" = 1'-0"

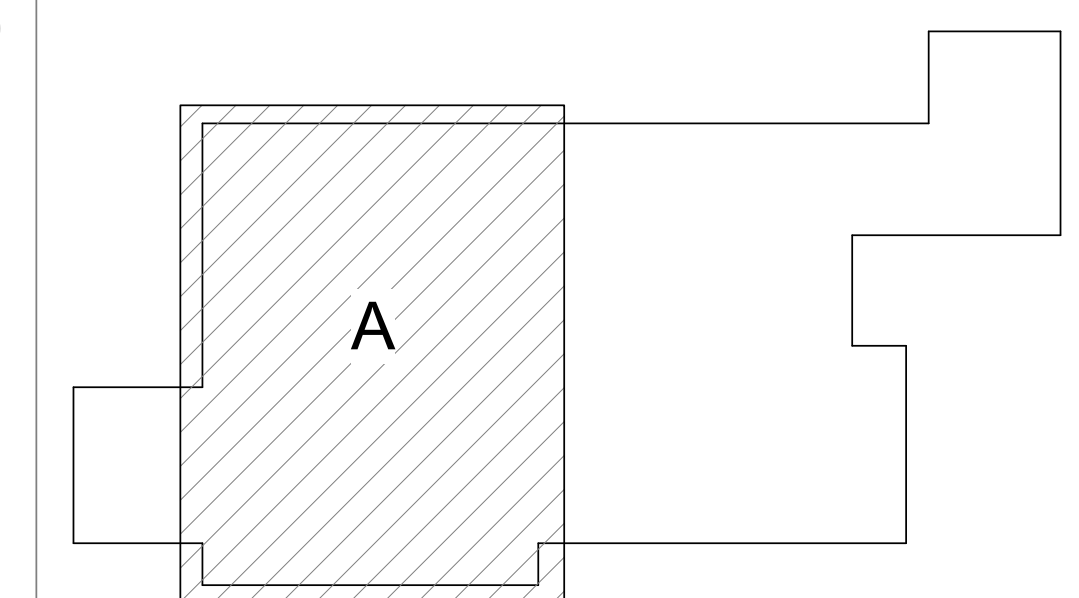
HEADER SCHEDULE

Header #	HEADER TYPE	KING STUD	TRIMMER
H1	REF. 1/S3.50	5.5x7.5 GLULAM	NONE
H2	REF. 2/S3.51	6.75x9 GLULAM	NONE
H3	GL 6.75x9 (FLAT)	REF. 2/S3.51	4x10 RIPPED TO 9"
H4	(2) 3.5x7.25 LSL (FLAT)	3.5x7.25 LSL	2x8
H5	5.5x28.5 GLULAM	REF. 2/S3.53	5.25x7 PSL
H6	(2) 3.5x7.25 LSL	3.5x7.25 LSL	1.75x7.25 LSL
H7	5.5x12 GLULAM	3.5x5.5 LSL	(2) 2x6
H8	6x6	(2) 2x6	2x6
H9	5.5x18 GLULAM	5.5x7.5 GLULAM	NONE
H10	5.5x6 GLULAM	REF. 1/S3.51	REF. 1/S3.51
H11	(3) 2x8	REF. 1/S3.51	2x8
H12	5.5x7.5 GLULAM	5.5x7.5 GLULAM	3.5x5.5 GLULAM
H13	6x6	(2) 2x6	2x6
H14	(3) 2x8	(2) 2x8	2x8
H15	(2) 3.5x7.25 LSL (FLAT)	3.5x7.25 LSL	1.75x7.25 LSL
H16	(2) 3.5x7.25 LSL	3.5x7.25 LSL	2x8
H17	5.5x12 GLULAM	NONE	NONE
H18	5.5x16 GLULAM	5.5x7.5 GLULAM	NONE

NOTE: REF. ROOF FRAMING PLAN NOTES FOR TYPICAL HEADER SIZES



Key Plan



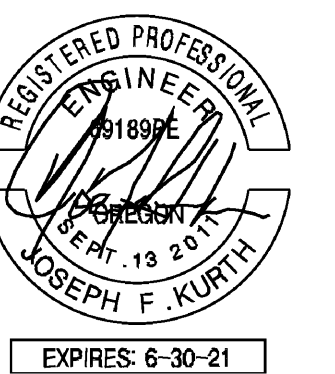
Consultant



Revisions

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Issuance

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Date

2/3/21

Project Number

20006

Drawing Title

**MEZZANINE AND
DORM FRAMING
PLANS**

Sheet No

S3.02



Project

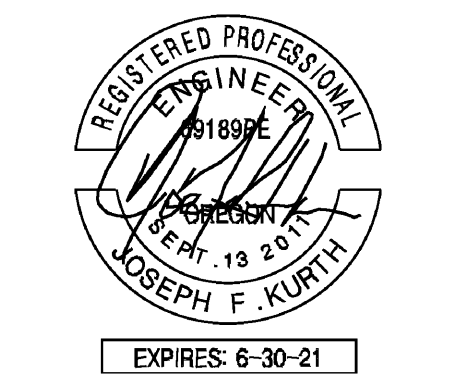
Consultant



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Project Number

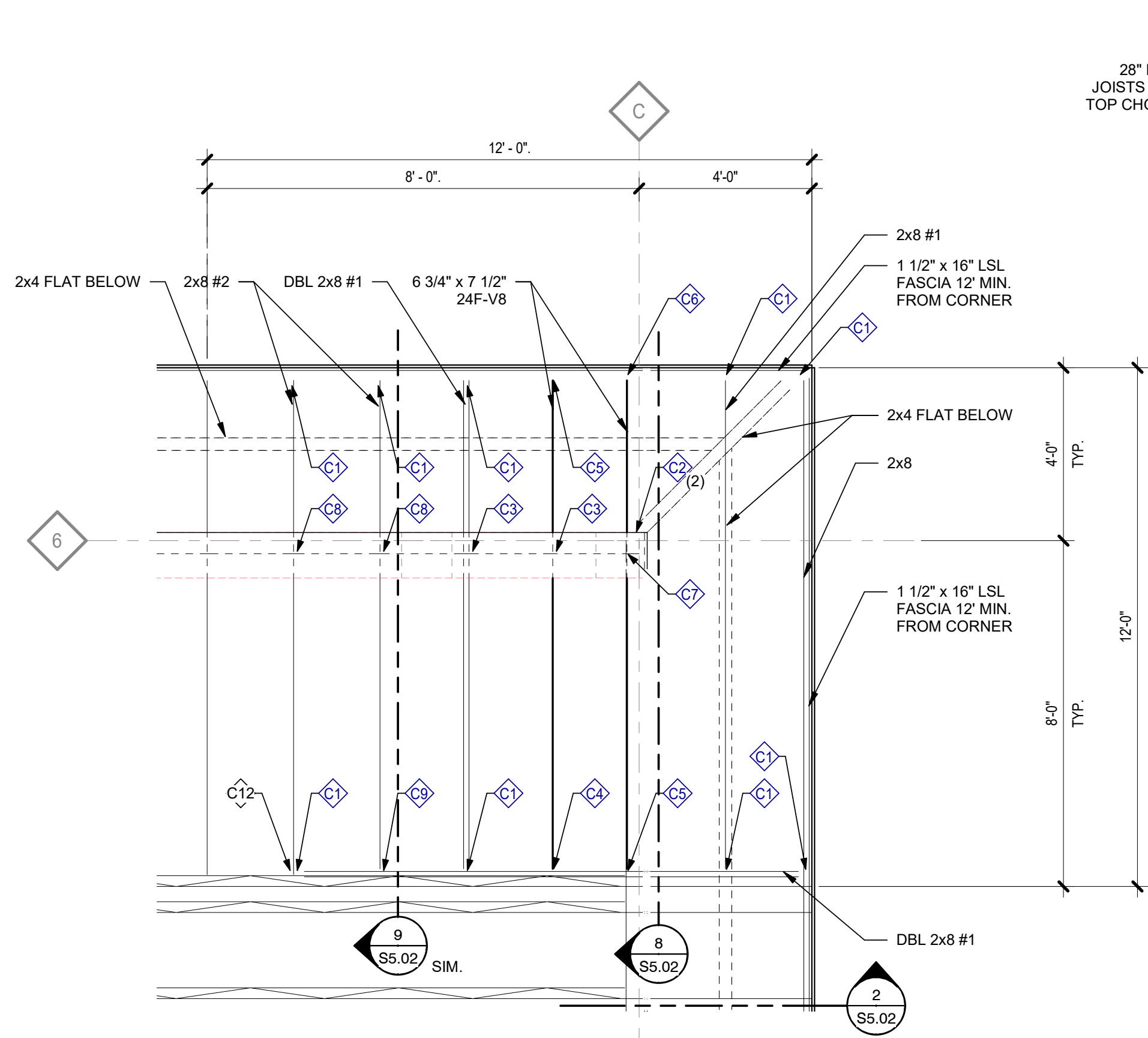
20006

Drawing Title

ENLARGED ROOF CORNER PLANS

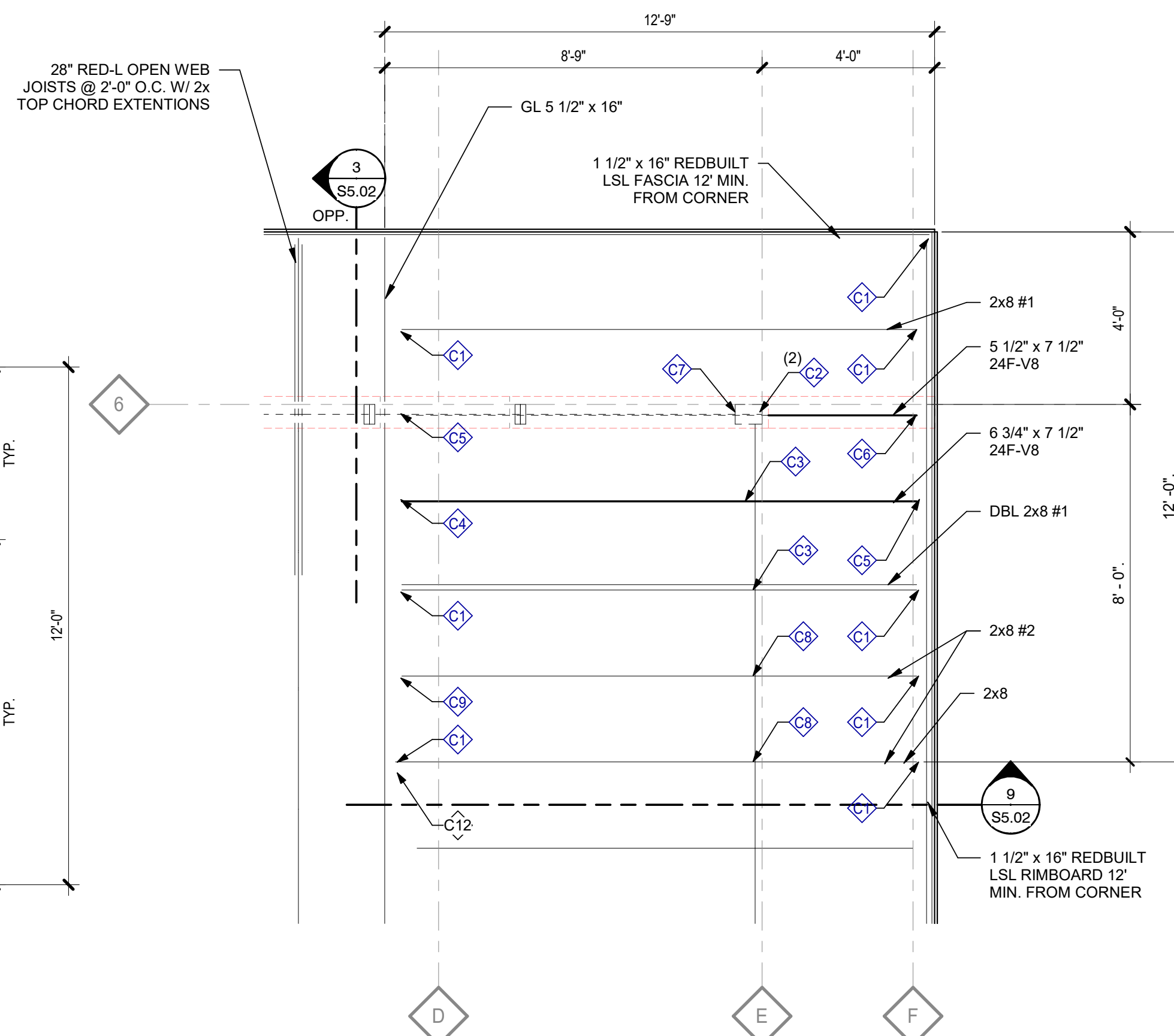
Sheet No

S3.03



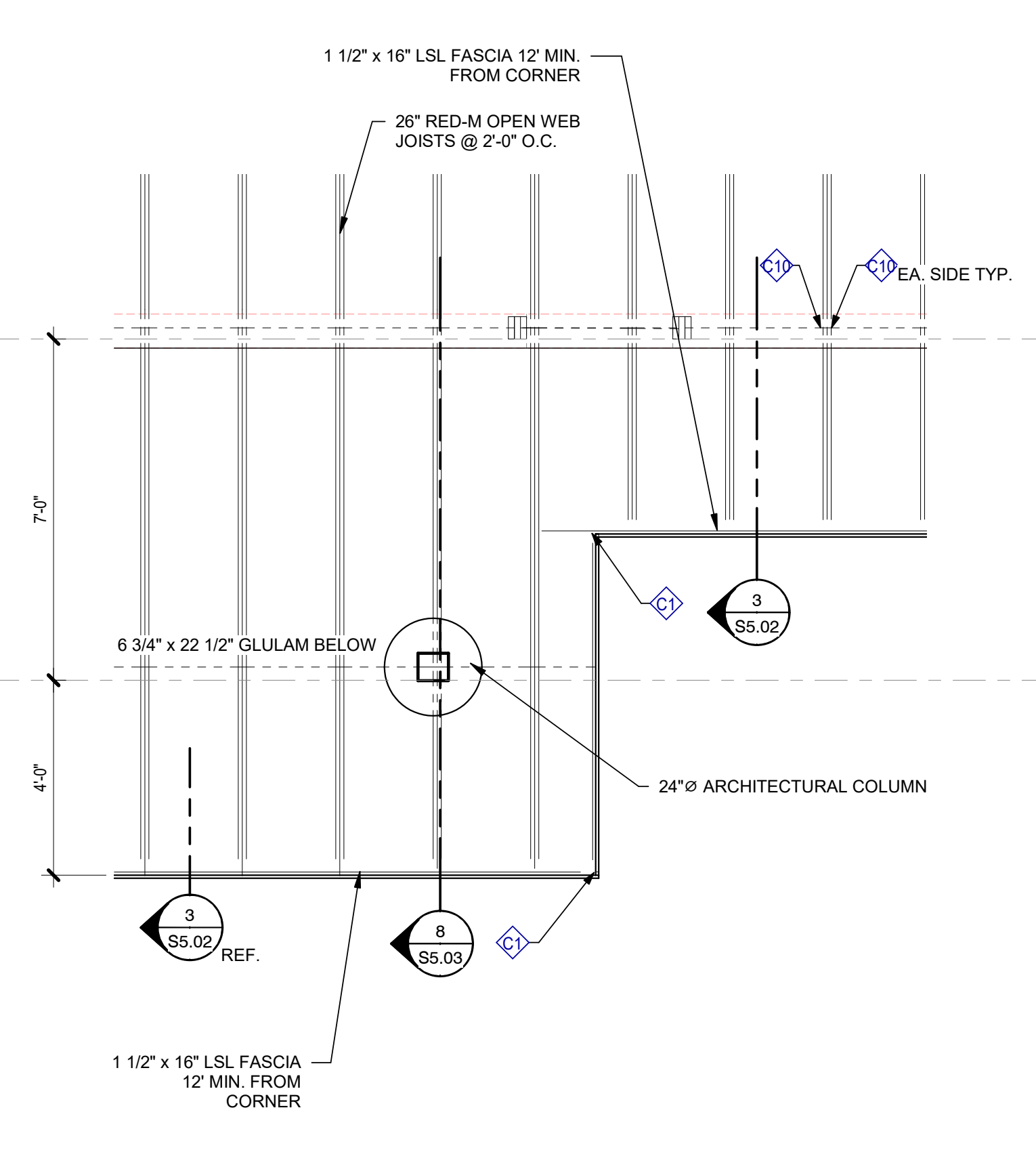
1 AREA A ENLARGED CORNER

3/8" = 1'-0" NOTE: NO FUTURE SOLAR PANELS SHALL BE PLACED ON OVERHANG CORNERS



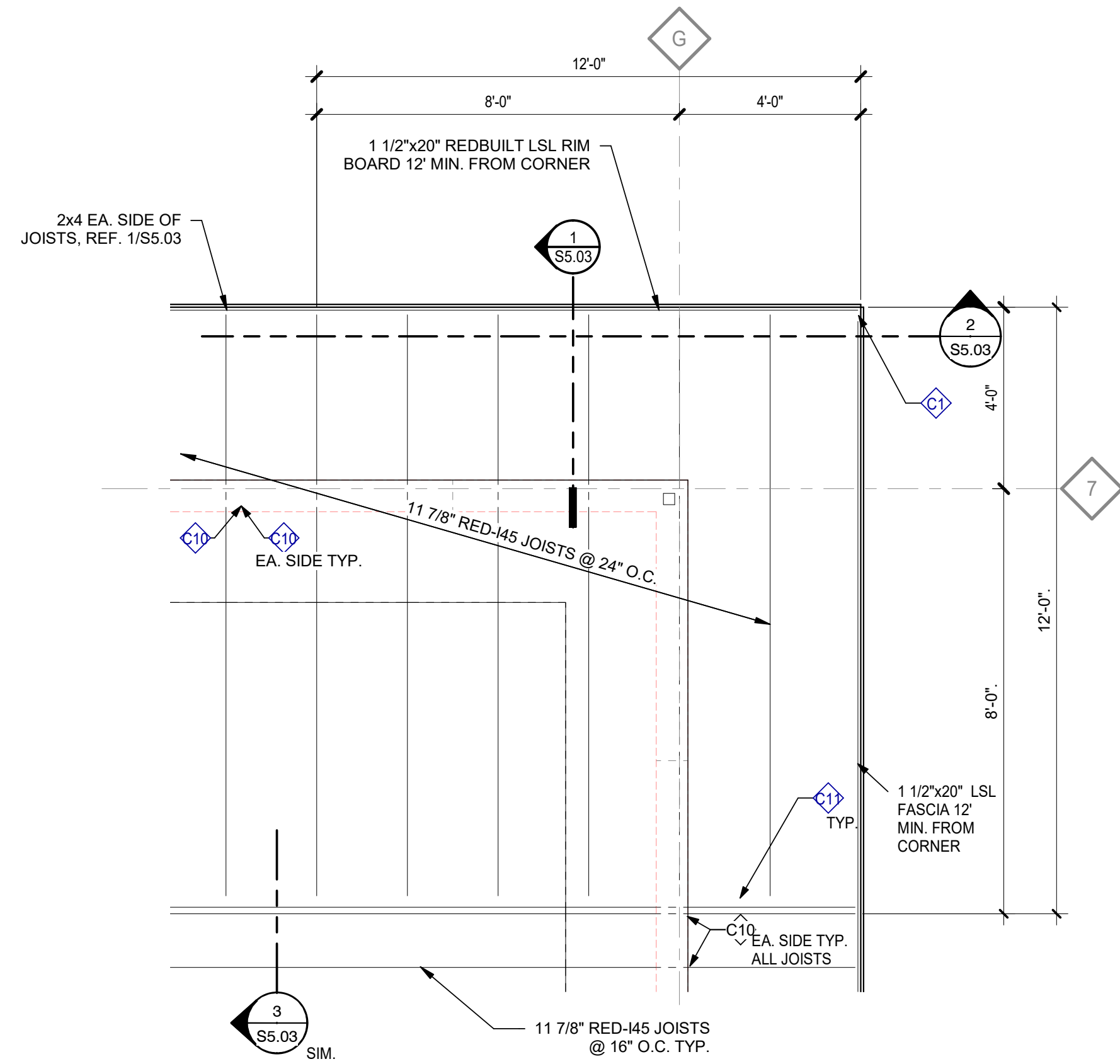
2 AREA B ENLARGED CORNER 1

3/8" = 1'-0" NOTE: NO FUTURE SOLAR PANELS SHALL BE PLACED ON OVERHANG CORNERS



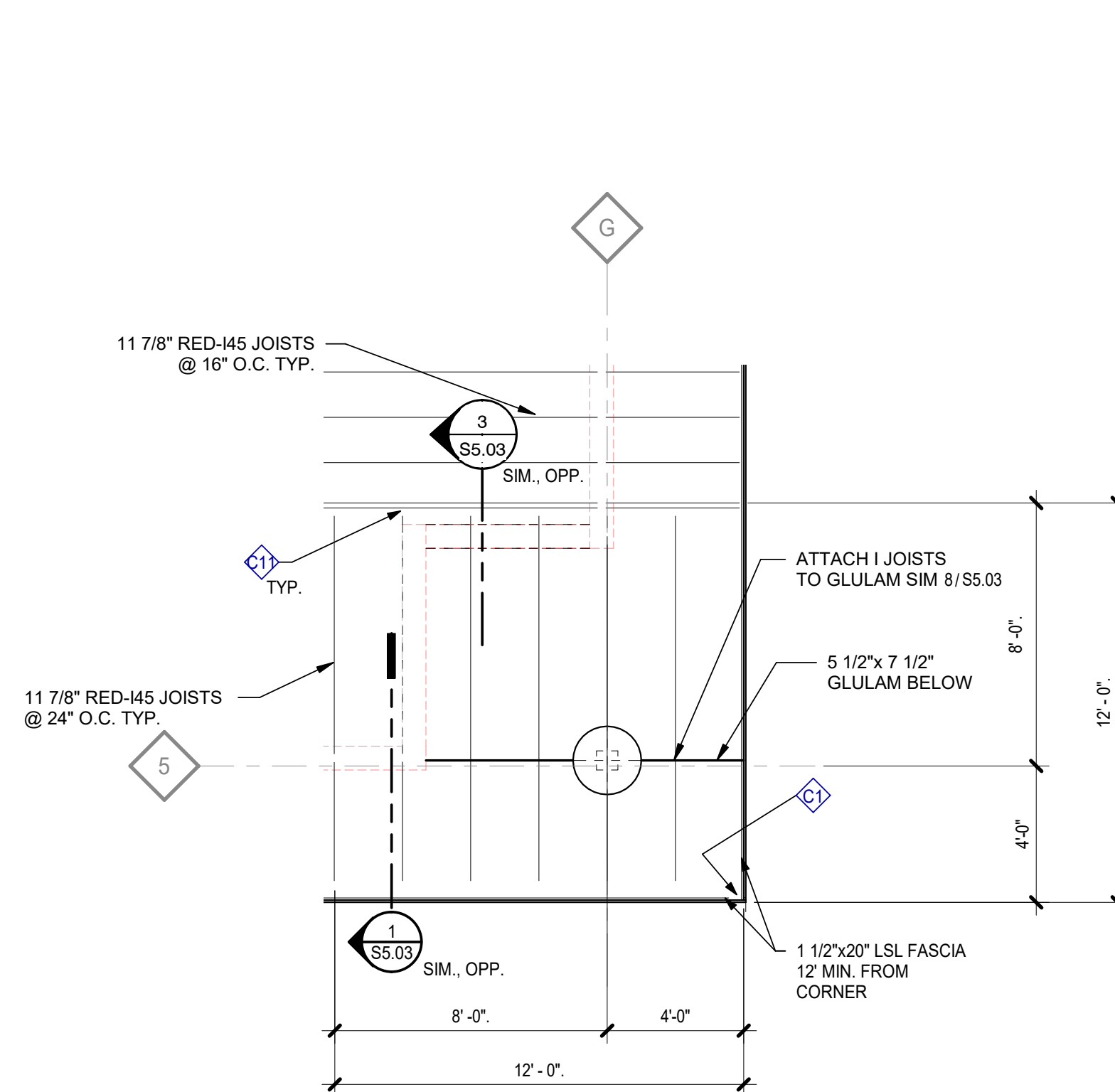
3 AREA B ENLARGED CORNER 2

3/8" = 1'-0"



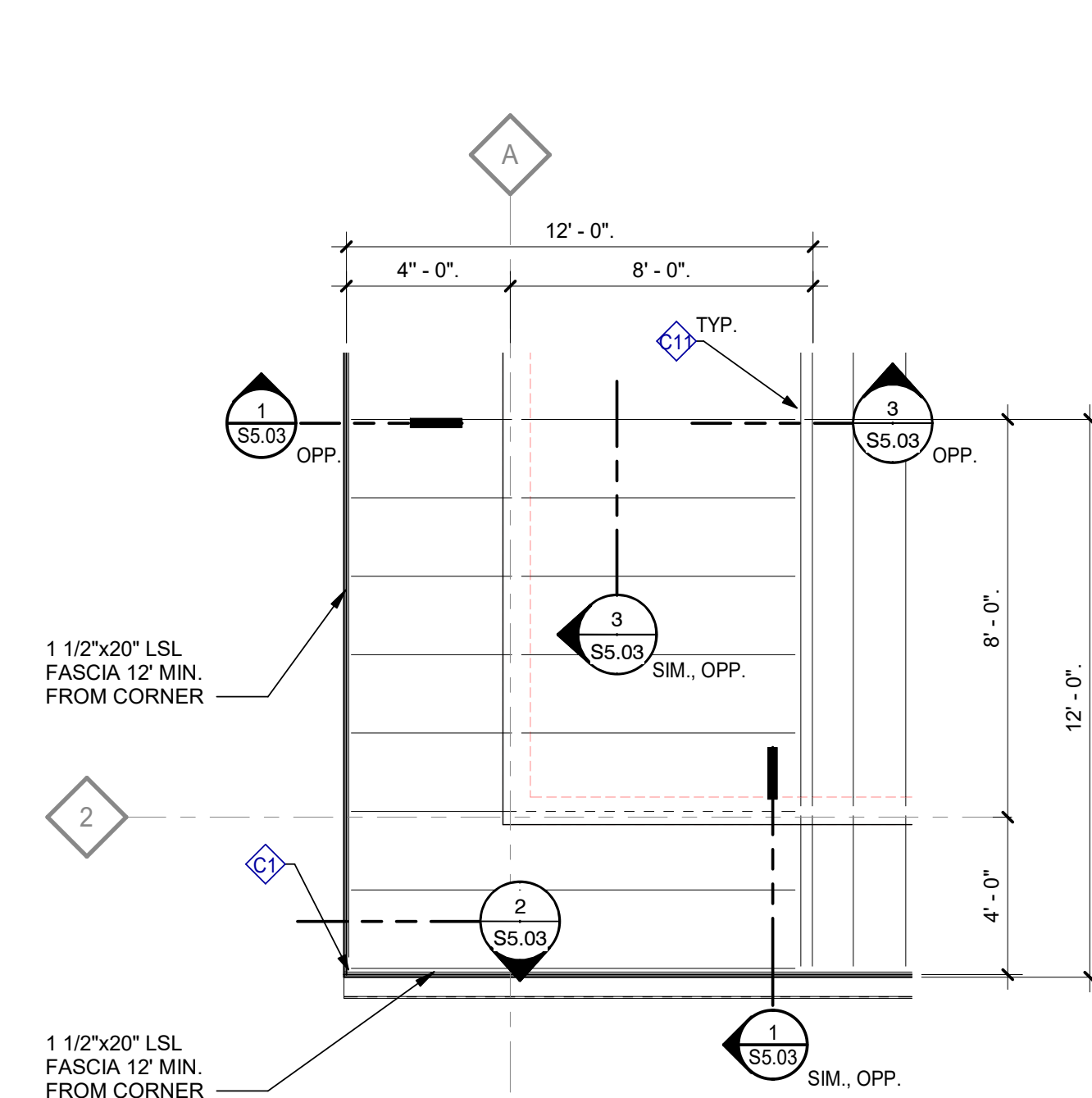
4 AREA C ENLARGED CORNER 1

3/8" = 1'-0"



5 AREA C ENLARGED CORNER 2

1/4" = 1'-0"



6 AREA D ENLARGED CORNER 1

1/4" = 1'-0"

END CONNECTION SCHEDULE	
	SIMPSON CONNECTOR
	A35
	H6
	(2) TSP
	ML24Z
	ML26Z
	ML28Z
	MSTC48B3
	H10A
	LUS26
	H2.5A
	HU11
	H1

**Millersburg Fire
Station 15**
3215 Transition Parkway
NE
Albany, OR 97321



Project

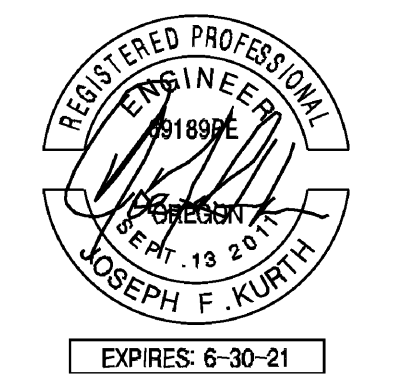
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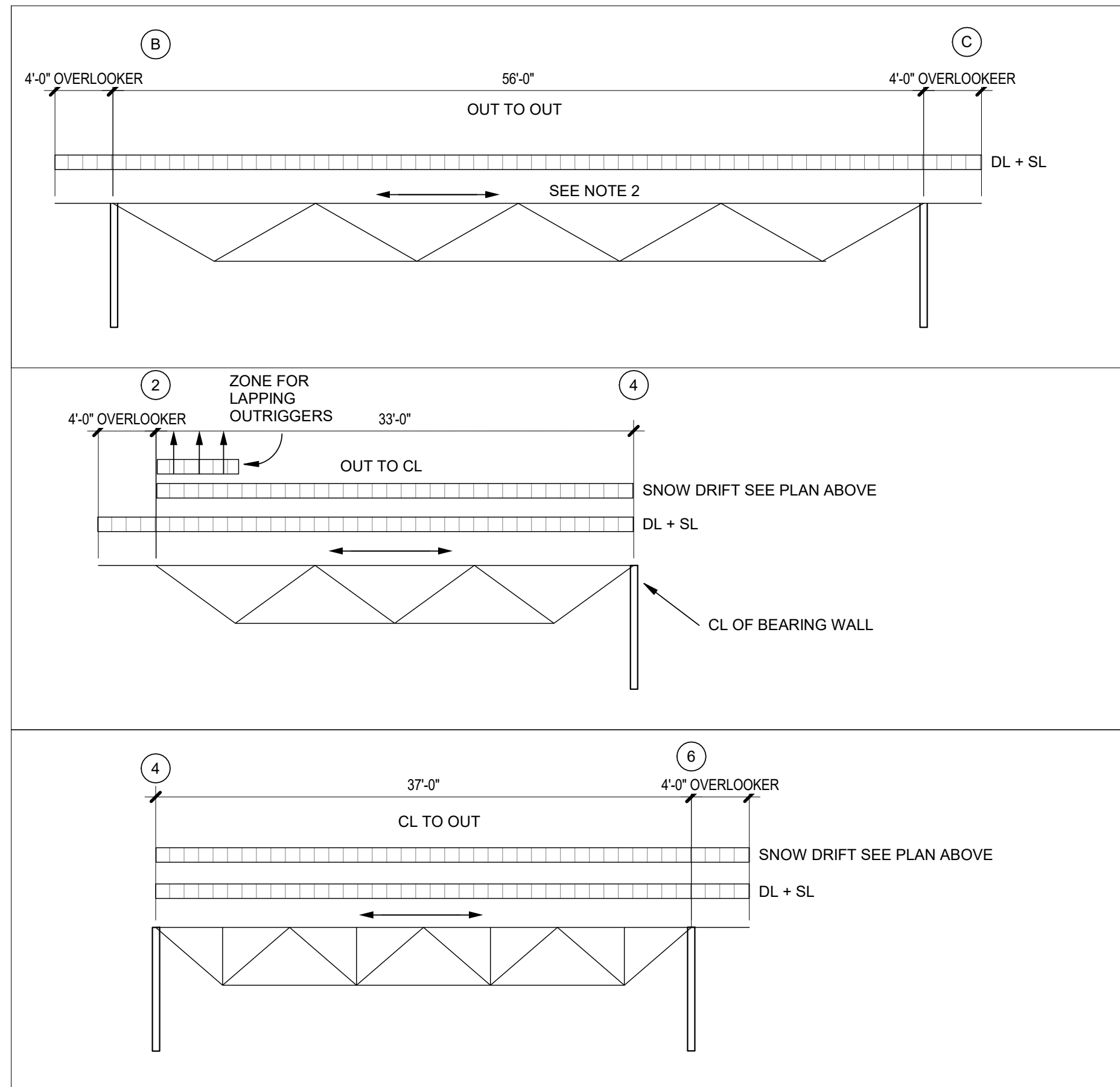
20006

Drawing Title

SNOW LOAD DRIFT PLAN

Sheet No

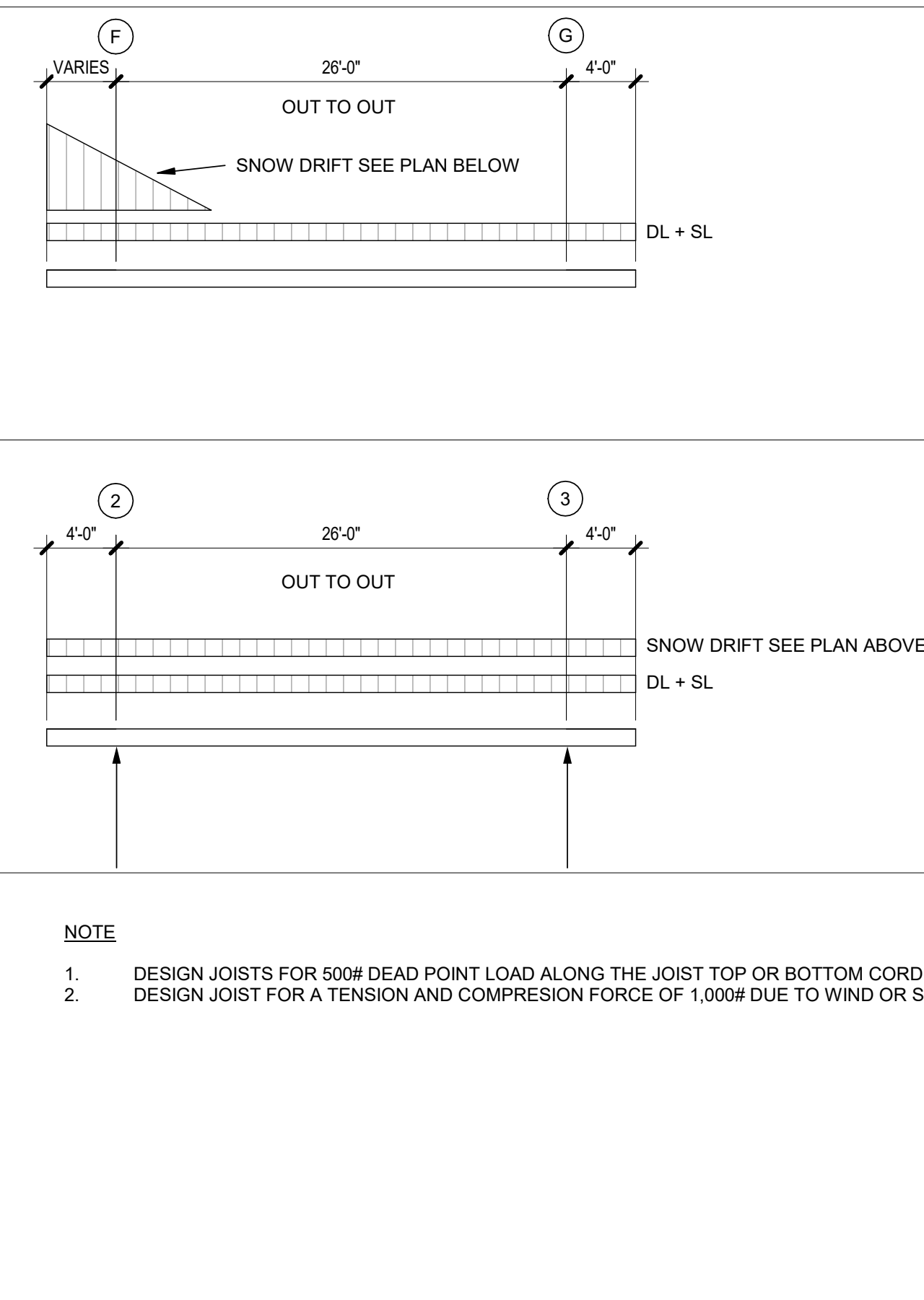
S3.25



J1 - REDBUILT 36" RED M OPEN WEB JOISTS
TOP CHORD LOADING: 25 PSF DEAD LOAD, 30 PSF SNOW LOAD, 32.2 UNFACTORED WIND UPLIFT

J2 - REDBUILT 26" RED L OPEN WEB JOISTS
TOP CHORD LOADING: 25 PSF DEAD LOAD, 30 PSF SNOW LOAD, 34.3 UNFACTORED WIND UPLIFT

J3 - REDBUILT 28" RED L OPEN WEB JOISTS
TOP CHORD LOADING: 25 PSF DEAD LOAD, 30 PSF SNOW LOAD, 33.9 UNFACTORED WIND UPLIFT

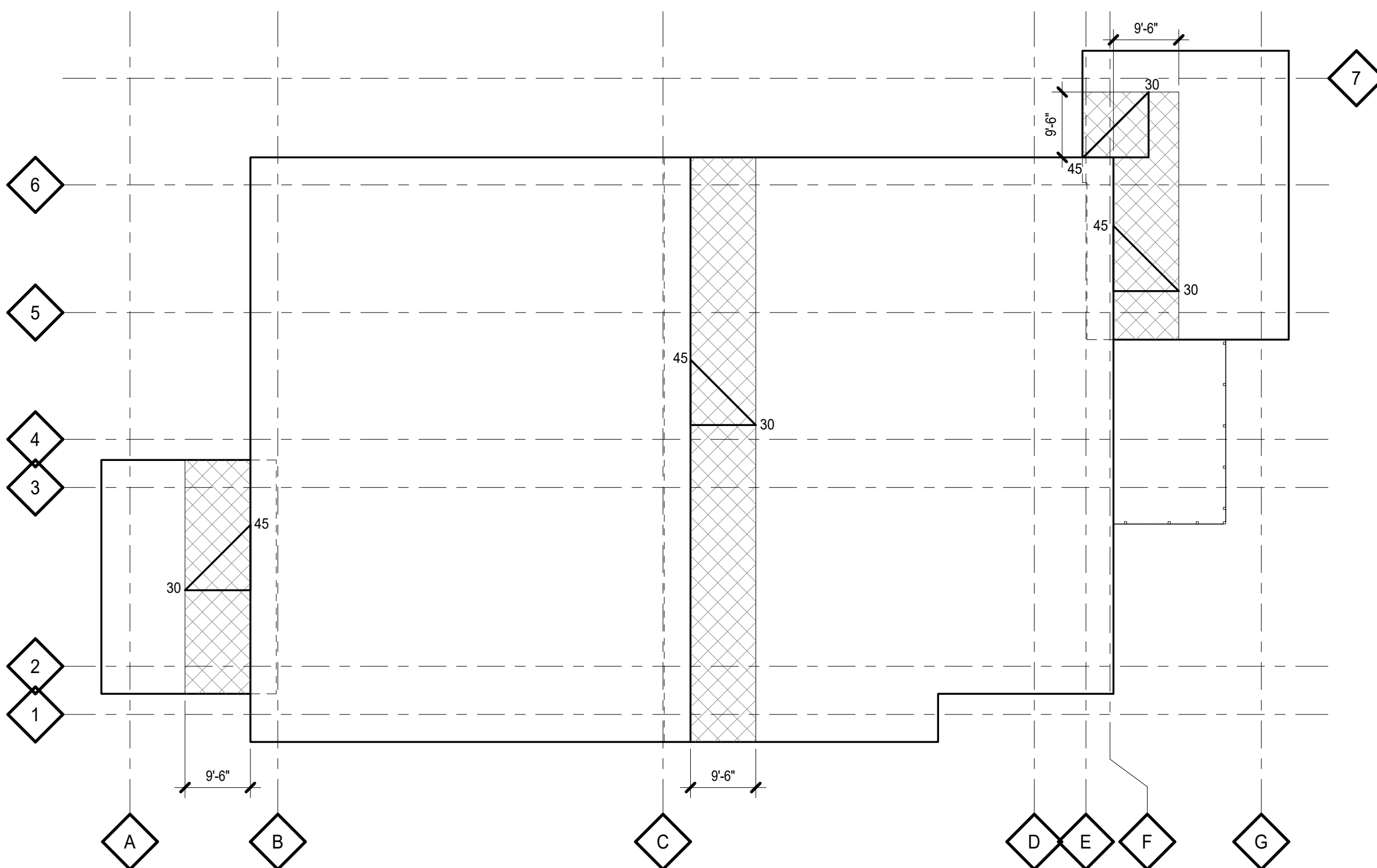


J4 - REDBUILT 11 7/8" RED-I45 I JOIST
TOP CHORD LOADING: 25 PSF DEAD LOAD, 30 PSF SNOW LOAD, 36.9 UNFACTORED WIND UPLIFT

J5 - REDBUILT 11 7/8" RED-I45 I JOIST
TOP CHORD LOADING: 25 PSF DEAD LOAD, 30 PSF SNOW LOAD, 35.3 UNFACTORED WIND UPLIFT

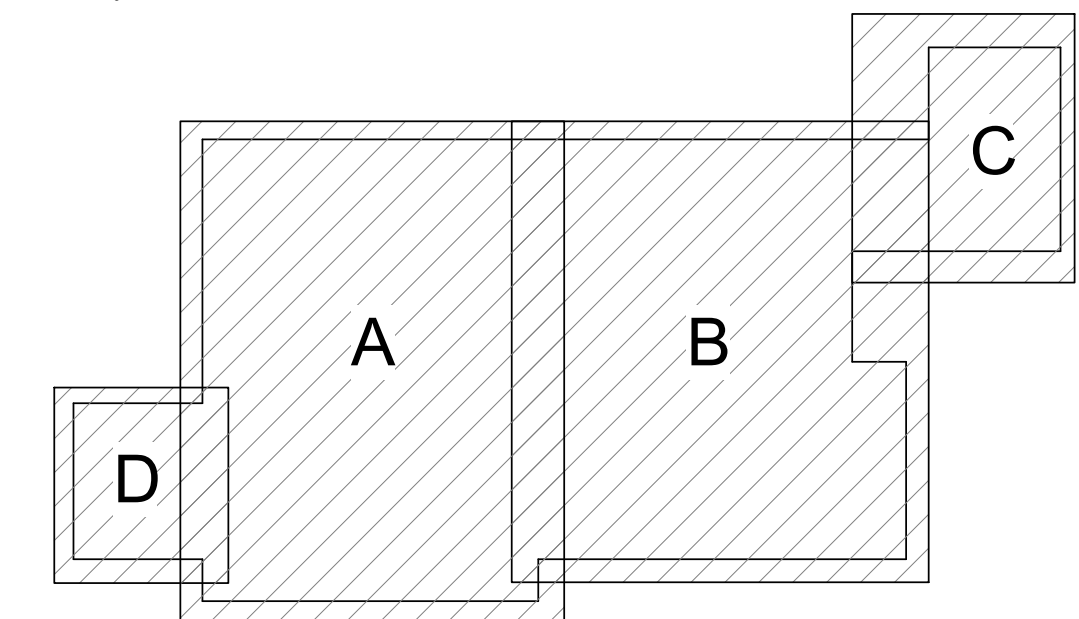
NOTE
1. DESIGN JOISTS FOR 500# DEAD POINT LOAD ALONG THE JOIST TOP OR BOTTOM CORD.
2. DESIGN JOIST FOR A TENSION AND COMPRESSION FORCE OF 1,000# DUE TO WIND OR SEISMIC.

2 JOIST LOADING DIAGRAMS 1
1/8" = 1'-0"



1 SNOW LOAD DRIFT PLAN
1/16" = 1'-0"

Key Plan





Project

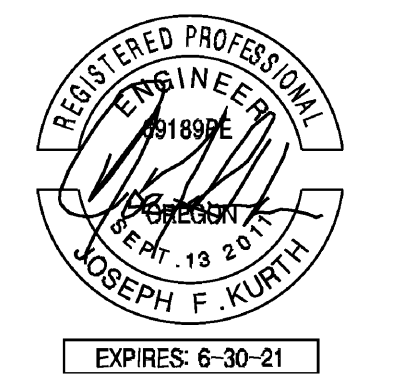
Consultant



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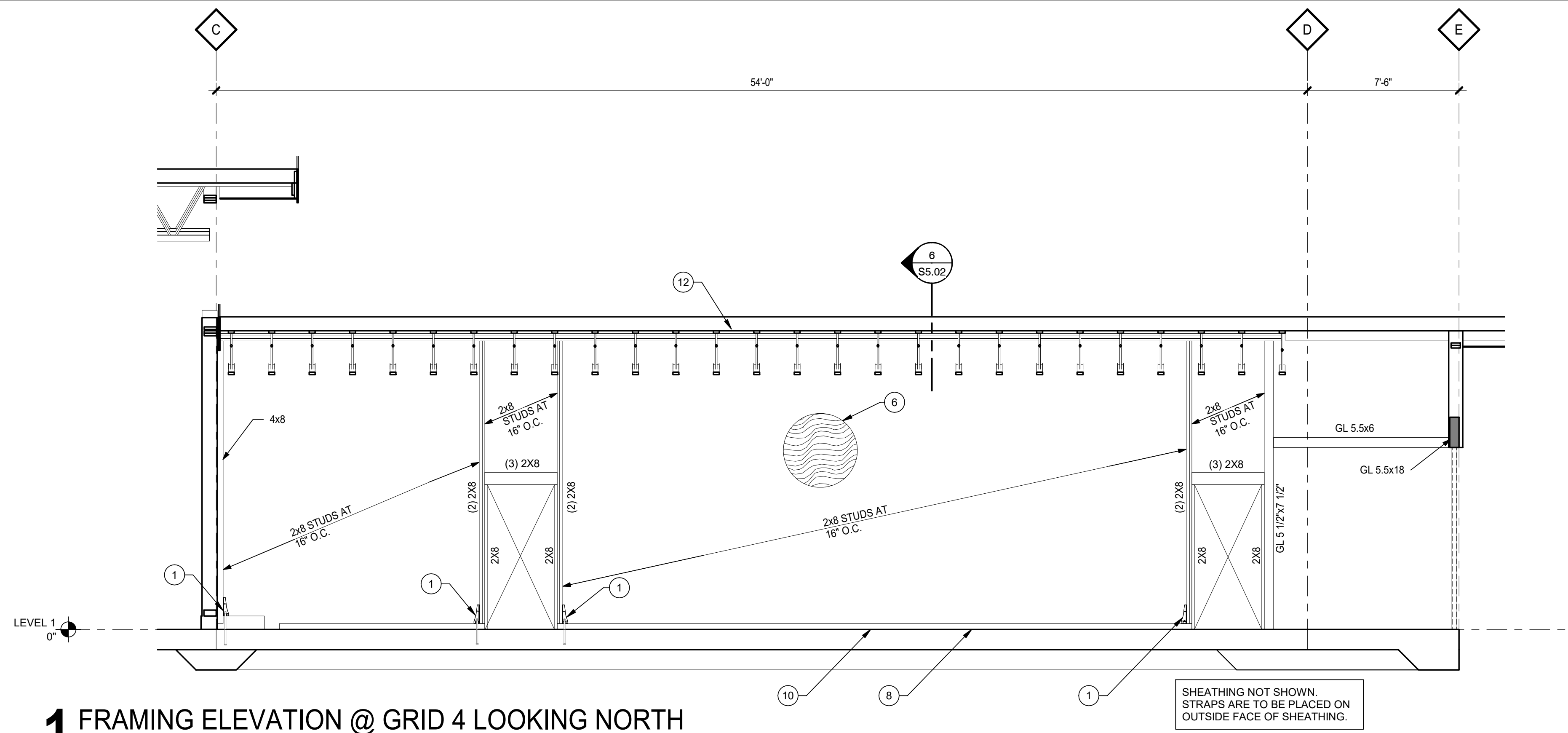
Drawing Title

FRAMING ELEVATIONS

Sheet No

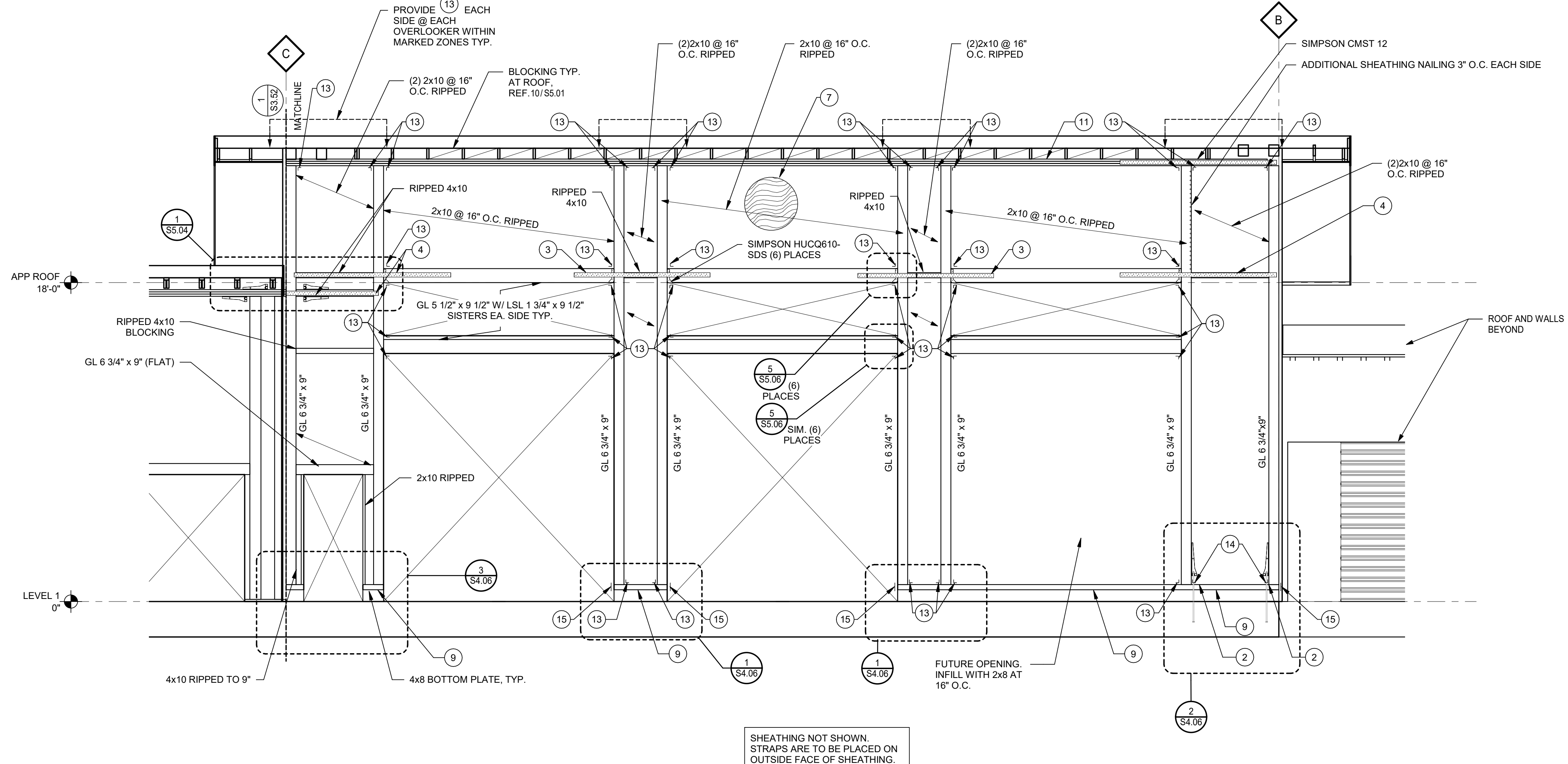
S3.51

KEYNOTES	
KEY	DESCRIPTION
1	SIMPSON HDU4-SDS2.5 WITH (10) 1/4"x2 1/2" SDS SCREWS
2	SIMPSON HDU8-SDS2.5 WITH (20) 1/4"x2 1/2" SDS SCREWS
3	SIMPSON CMST14 EACH SIDE OF WALL WITH (48) 0.162"x2 1/2" NAILS EA. SIDE OF JOINT. NAILS EVERY HOLE. 22" MIN. LENGTH. STRAP MUST EXTEND ACROSS PANEL AS SHOWN
4	SIMPSON CMST12 EACH SIDE OF WALL WITH (66) 0.162"x2 1/2" NAILS EA. SIDE OF JOINT. NAILS EVERY HOLE. 30" MIN. END LENGTH. STRAP MUST EXTEND ACROSS PANEL AS SHOWN
6	1/2" OSB (15/32") NEAR SIDE OF WALL TYP. WITH 10d NAILS AT 6" O.C. AT PANEL EDGES AND 12" O.C. FIELD SPACING. PROVIDE 4x8 BLOCKING AND NAILING AT ALL PANEL JOINTS.
7	1/2" OSB (15/32") EACH SIDE OF WALL TYP. WITH 10d NAILS AT 3" O.C. AT PANEL EDGES AND 12" O.C. FIELD SPACING. ADDITIONAL NAILING WHERE INDICATED. PROVIDE 4x8 BLOCKING AND NAILING AT ALL PANEL JOINTS.
8	5/8"Ø F1554-36 HEAVY HEX BOLTS WITH 6" EMBEDMENT AT 48" O.C. TYP. MAX 1'-0" FROM PLATE END
9	4x10 PT BOTTOM PLATE RIPPED TO 9" FASTEN BOTTOM TO CONCRETE WITH 9/8" DIAMETER F1554-36 HEAVY HEX BOLT WITH 6" EMBEDMENT @ 1'-0" O.C. (3 MIN. PER WALL SEGMENT). FASTEN SHEATHING TO SILL PLATE WITH (2) ROWS OF 10d NAILS AT 3" O.C.
10	4x8 PT SILL PLATE. FASTEN SHEATHING TO SILL PLATE WITH (2) ROWS OF 10d NAILS AT 3" O.C.
11	(3) 2x10 RIPPED TO 9" TOP PL. FASTEN SHEATHING TO TOP PLATE WITH (2) ROWS 10d NAILS AT 3" O.C.
12	(3) 2x8 TOP PLATE. FASTEN SHEATHING TO TOP PLATE WITH (2) ROWS OF 10d NAILS AT 3" O.C.
13	(1) SIMPSON ML28Z W/ (1) 1/4"x1 1/2" SDS SCREWS EA. EACH SIDE OF COLUMN
14	(3) A34
15	SIMPSON LTP4 G CONFIGURATION W/ (12) 0.131x1 1/2" NAILS



1 FRAMING ELEVATION @ GRID 4 LOOKING NORTH
1/4" = 1'-0"

SHEATHING NOT SHOWN.
STRAPS ARE TO BE PLACED ON
OUTSIDE FACE OF SHEATHING.



SHEATHING NOT SHOWN.
STRAPS ARE TO BE PLACED ON
OUTSIDE FACE OF SHEATHING.

2 FRAMING ELEVATION @ GRID 6 LOOKING SOUTH
1/4" = 1'-0"



Project

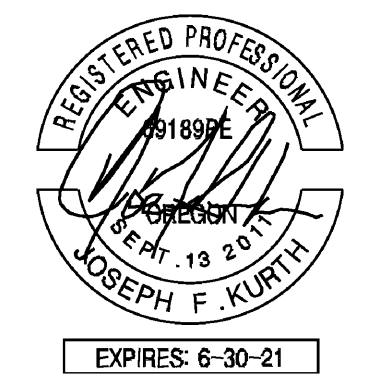
Consultant

CROW ENGINEERING
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Suite 110
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crowengineering.com

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20006

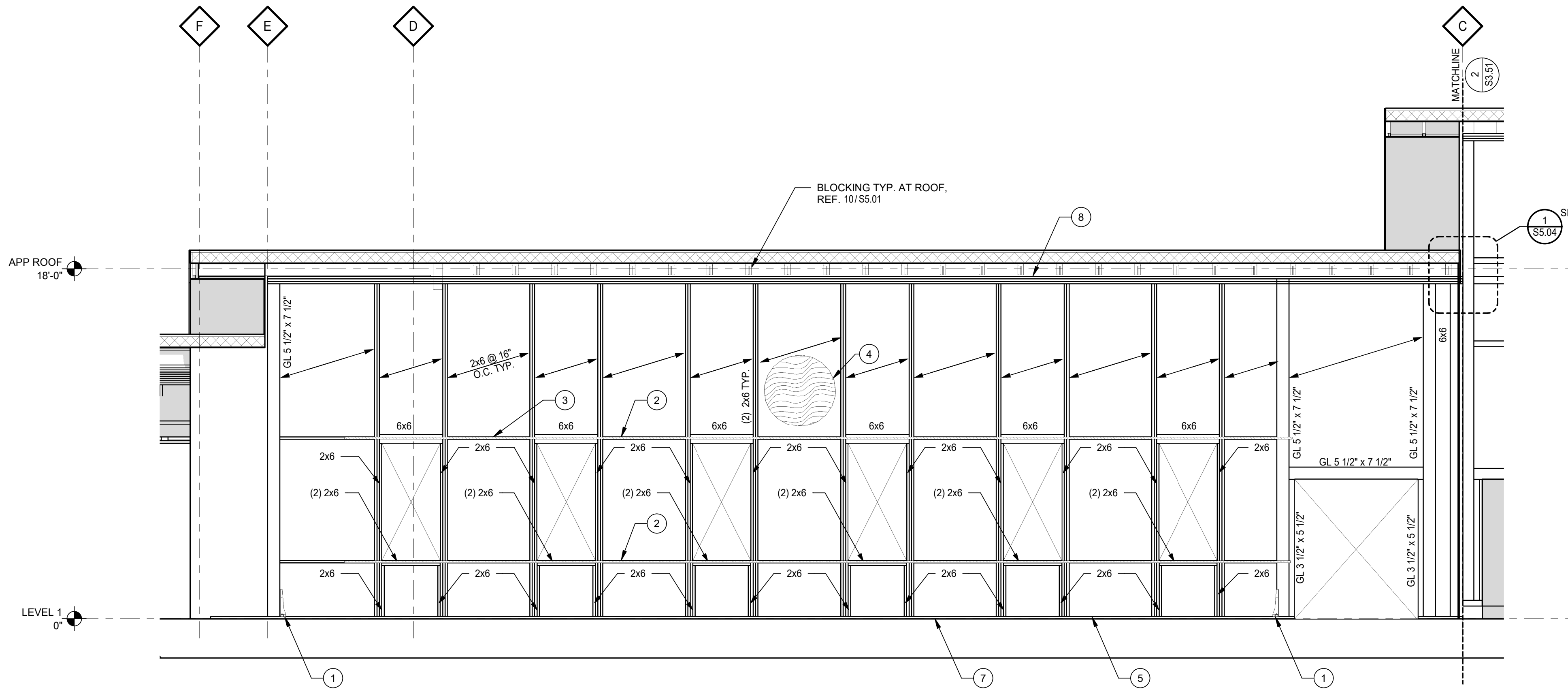
Drawing Title

FRAMING ELEVATIONS

Sheet No

S3.52

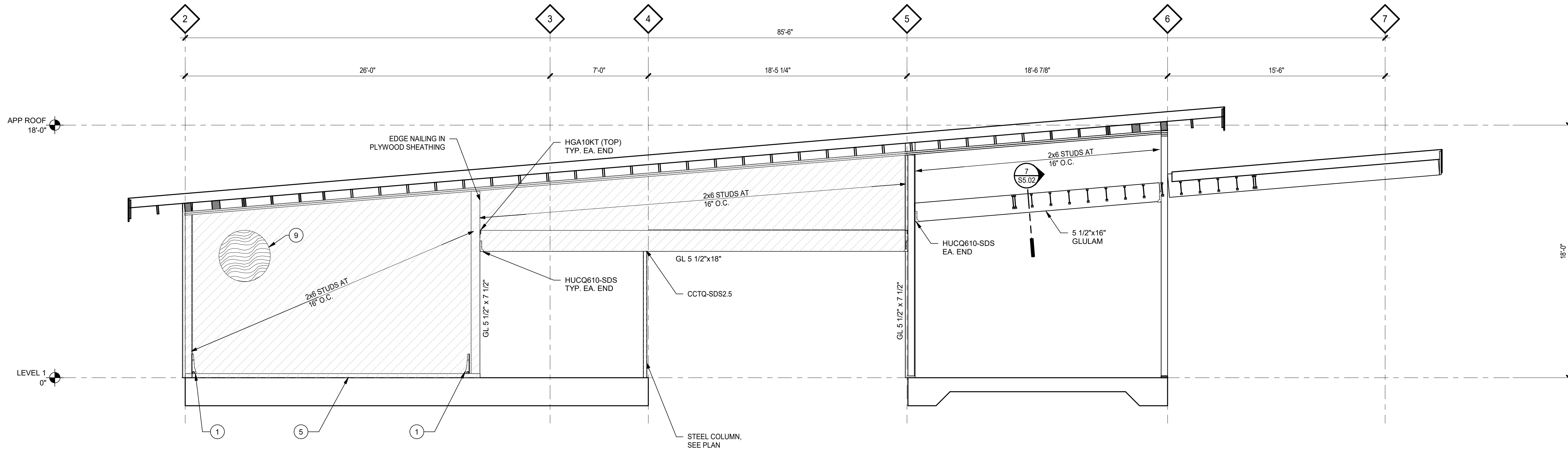
KEY	DESCRIPTION
1	SIMPSON HDU8-SDS2.5 WITH (20) 1/4"x2 1/2" SDS SCREWS
2	SIMPSON CSHF20 TYP. EACH SIDE OF WALL WITH NAILS IN EVERY OTHER HOLE. MINIMUM 8" END LENGTH EACH SIDE OF OPENING.
3	2x6 BLOCKING TYP. BETWEEN OPENINGS, ABOVE AND BELOW
4	1/2" OSB (15/32") EACH SIDE OF WALL TYP. WITH 10d NAILS AT 6" O.C. AT PANEL EDGES AND 12" O.C. FIELD SPACING. PROVIDE 4x8 BLOCKING AND NAILING AT ALL PANEL JOINTS.
5	5/8"Ø F1554-36 HEAVY HEX BOLTS WITH 6" EMBEDMENT AT 30" O.C.
7	2x8 SILL PLATE. FASTEN SHEATHING TO SILL PLATE WITH (1) ROW OF 10d NAILS AT 4" O.C.
8	(3) 2x8 TOP PLATE. FASTEN SHEATHING TO TOP PLATE WITH (1) ROW OF 10 NAILS AT 4" O.C.
9	1/2" OSB (15/32") EXTERIOR SIDE OF WALL TYP. WITH 10d NAILS @ 3" O.C. AT PANEL EDGES AND 12" O.C. FIELD SPACING. PROVIDE 4x8 BLOCKING AND NAILING AT ALL PANEL JOINTS.



SHEATHING NOT SHOWN.
STRAPS ARE TO BE PLACED ON
OUTSIDE FACE OF SHEATHING.

1 FRAMING ELEVATION @ GRID 6 LOOKING SOUTH

1/4" = 1'-0"



SHEATHING NOT SHOWN.
STRAPS ARE TO BE PLACED ON
OUTSIDE FACE OF SHEATHING.

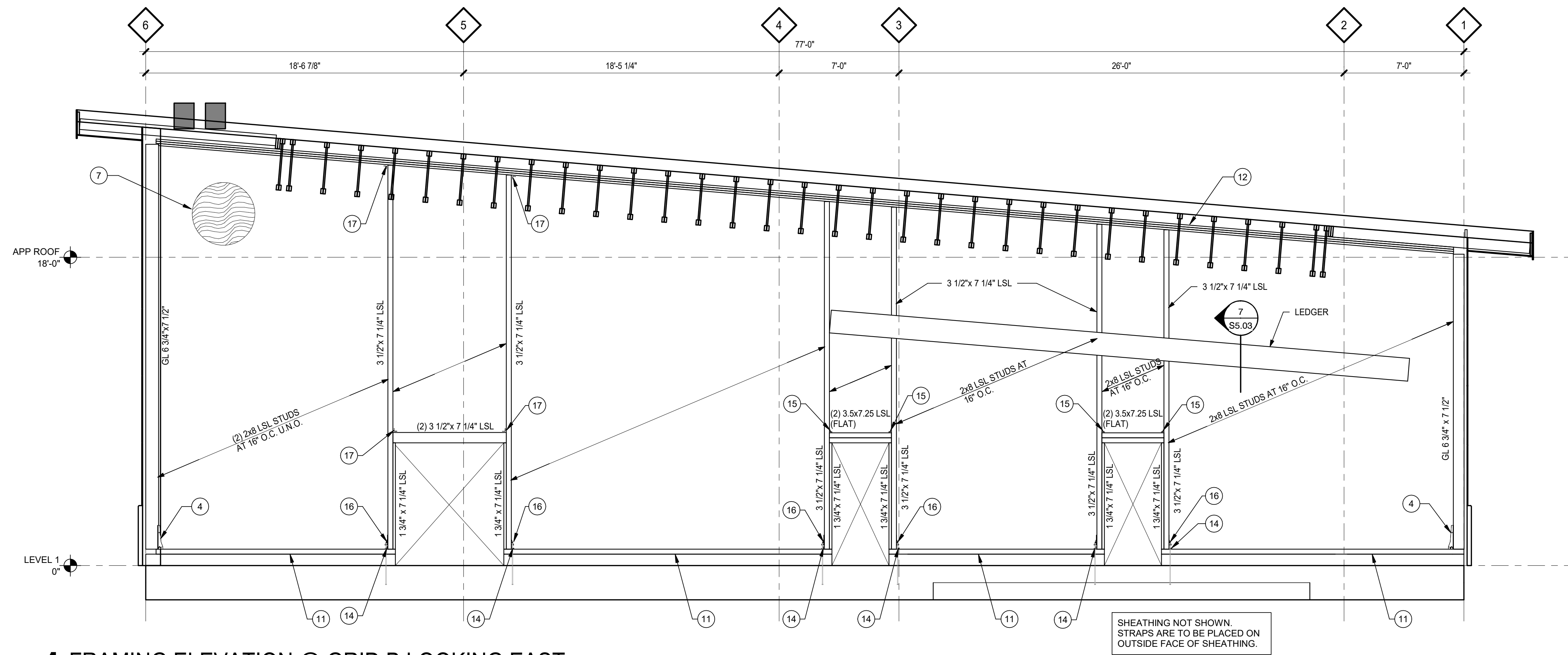
2 FRAMING ELEVATION @ GRID E LOOKING WEST

1/4" = 1'-0"

FRAMING NOTES

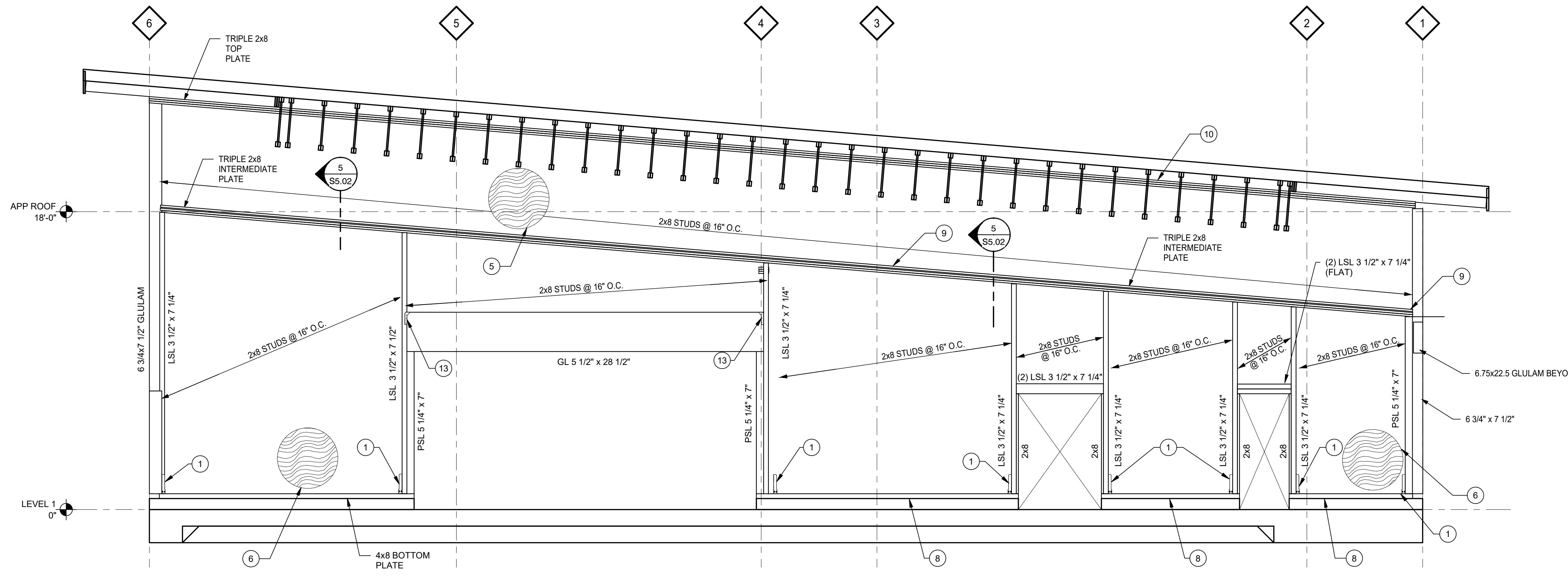
- 3 1/2" x 7 1/4" LSL STUDS ARE TIMBERSTRAND 1.3 AND SHALL BE CONTINUOUS FROM SILL PLATE TO TOP PLATE.
- DOUBLE 2x8 LSL STUDS ARE TIMBERSTRAND 1.5E AND SHALL BE CONTINUOUS FROM SILL PLATE TO TOP PLATE.

KEY	DESCRIPTION
1	SIMPSON HDU11-SDS2.5 WITH (30) 1/4"x2 1/2" SDS SCREWS
4	SIMPSON HDU8-SDS2.5 WITH (20) 1/4"x2 1/2" SDS SCREWS
5	1/2" OSB (15/32") OF WALL ABOVE INTERMEDIATE TOP PLATE TYP. WITH 10d NAILS AT 3" O.C. AT PANEL EDGES AND 12" O.C. FIELD SPACING. PROVIDE 4x8 BLOCKING AND NAILING AT ALL PANEL JOINTS.
6	1/2" OSB (15/32") OF WALL BELOW INTERMEDIATE PLATE TYP. WITH 10d NAILS AT 3" O.C. AT PANEL EDGES AND 12" O.C. FIELD SPACING. 4x8 BLOCKING AND NAILING AT ALL PANEL JOINTS.
7	1/2" OSB (15/32") EXTERIOR OF WALL TYP. WITH 10d NAILS AT 3" O.C. AT PANEL EDGES AND 12" O.C. FIELD SPACING. PROVIDE 4x8 BLOCKING AND NAILING AT ALL PANEL JOINTS.
8	4x8 PT BOTTOM PLATE FASTENED TO CONCRETE WITH 5/8" DIAMETER F1554-36 HEAVY HEX BOLTS WITH 6" EMBEDMENT INTO SLAB (BELOW CURB) AT 36" O.C. FASTEN SHEATHING TO PLATE WITH (2) ROWS OF 10d NAILS AT 3" O.C.
9	(2) ROWS OF 10d NAILS AT 3" O.C. BETWEEN PANEL AND INTERMEDIATE PLATE. TYP. DO NOT PLACE PANEL JOINTS OVER PLATE.
10	TRIPLE 2x8 TOP PLATE. FASTEN SHEATHING TO PLATE WITH (2) ROWS OF 10d NAILS AT 3" O.C.
11	4x8 PT BOTTOM PLATE FASTENED TO CONCRETE WITH 5/8" DIAMETER F1554-36 HEAVY HEX BOLTS WITH 6" EMBEDMENT INTO SLAB (BELOW CURB) AT 36" O.C. FASTEN SHEATHING TO PLATE WITH (2) ROWS OF 10d NAILS AT 3" O.C.
12	TRIPLE 2x8 TOP PLATE. FASTEN SHEATHING TO PLATE WITH (2) ROWS OF 10d NAILS AT 3" O.C.
13	INVERTED HUCO610-SDS W/ (12) 1/4"x2 1/2" SDS SCREWS IN FACE AND (6) 1/4"x2 1/2" SDS SCREWS IN JOIST
14	SIMPSON A34 w/ (8) #9 x 1 1/2" SDS SCREWS
15	SIMPSON A35 w/ (12) 0.131 x 1 1/2" NAILS
16	DTTZ2 HOLDDOWN w/ (8) 1/4" x 2 1/2" SDS SCREWS
17	SIMPSON ML262 W/ (8) 1/4" x 1 1/2" SDS SCREWS EACH



1 FRAMING ELEVATION @ GRID B LOOKING EAST

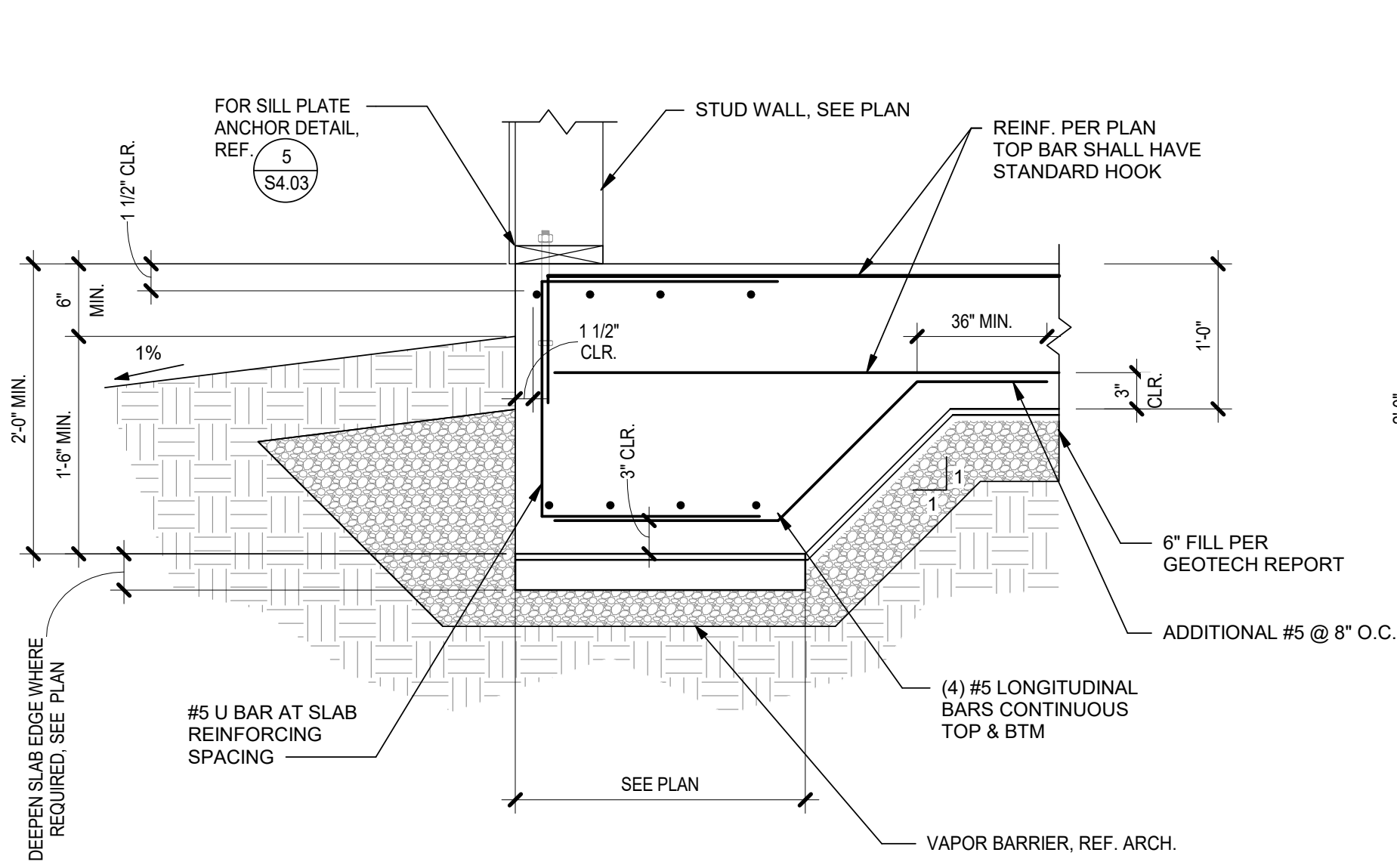
1/4" = 1'-0"



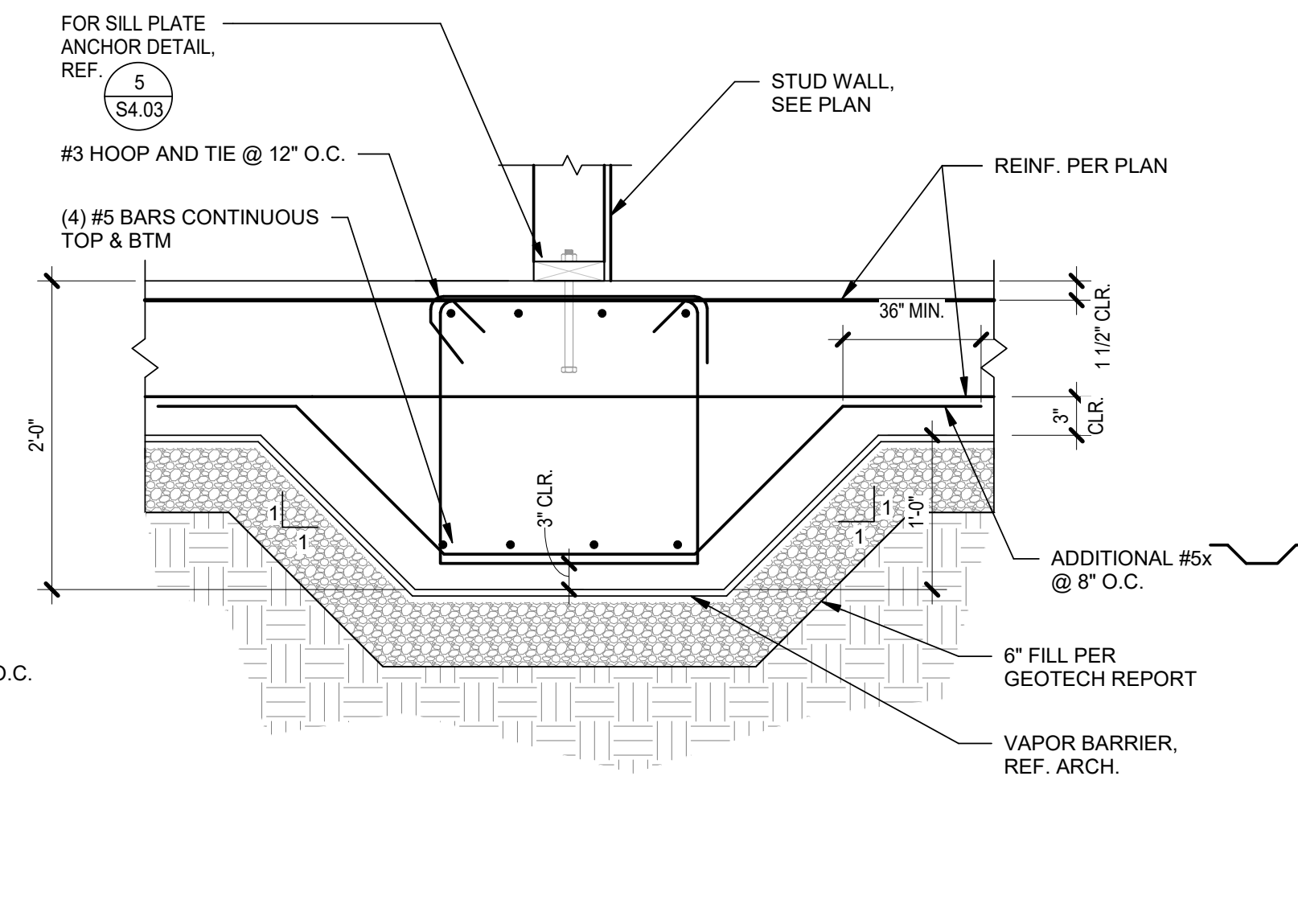
2 FRAMING ELEVATION @ GRID C LOOKING EAST

1/4" = 1'-0"

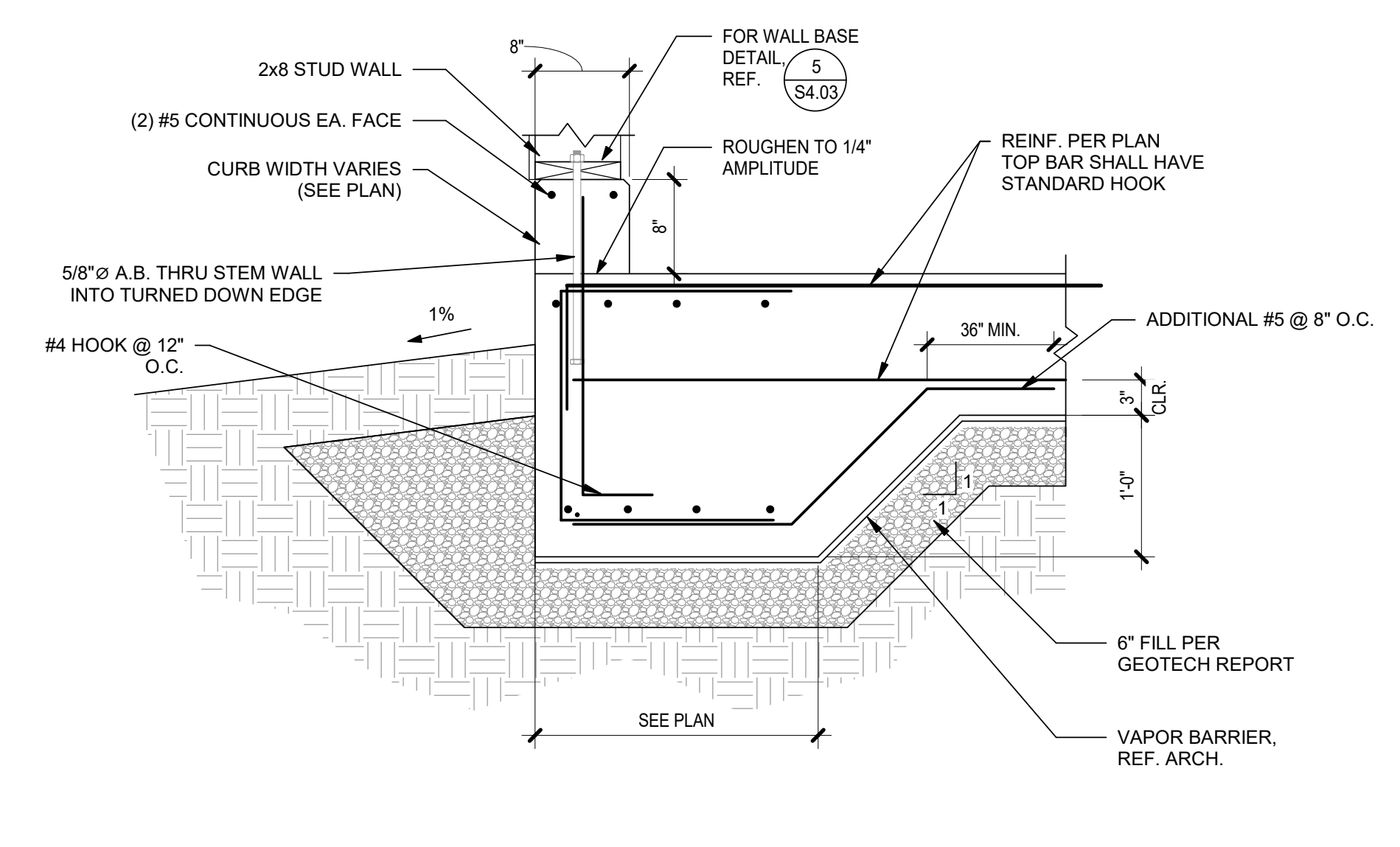
SHEATHING NOT SHOWN.
STRAPS ARE TO BE PLACED ON
OUTSIDE FACE OF SHEATHING.



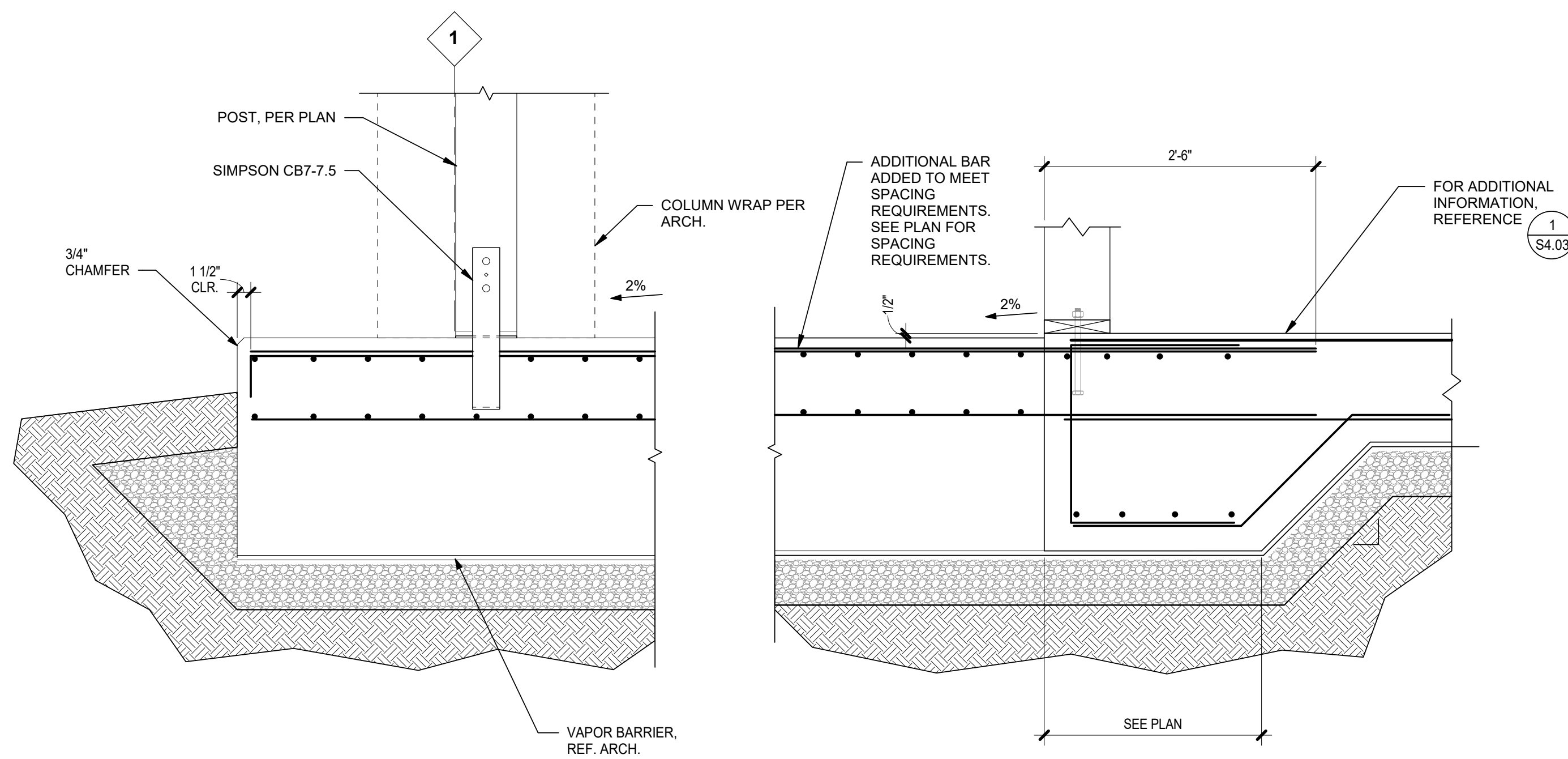
1 TYPICAL PERIMETER FOOTING DETAIL
1" = 1'-0"



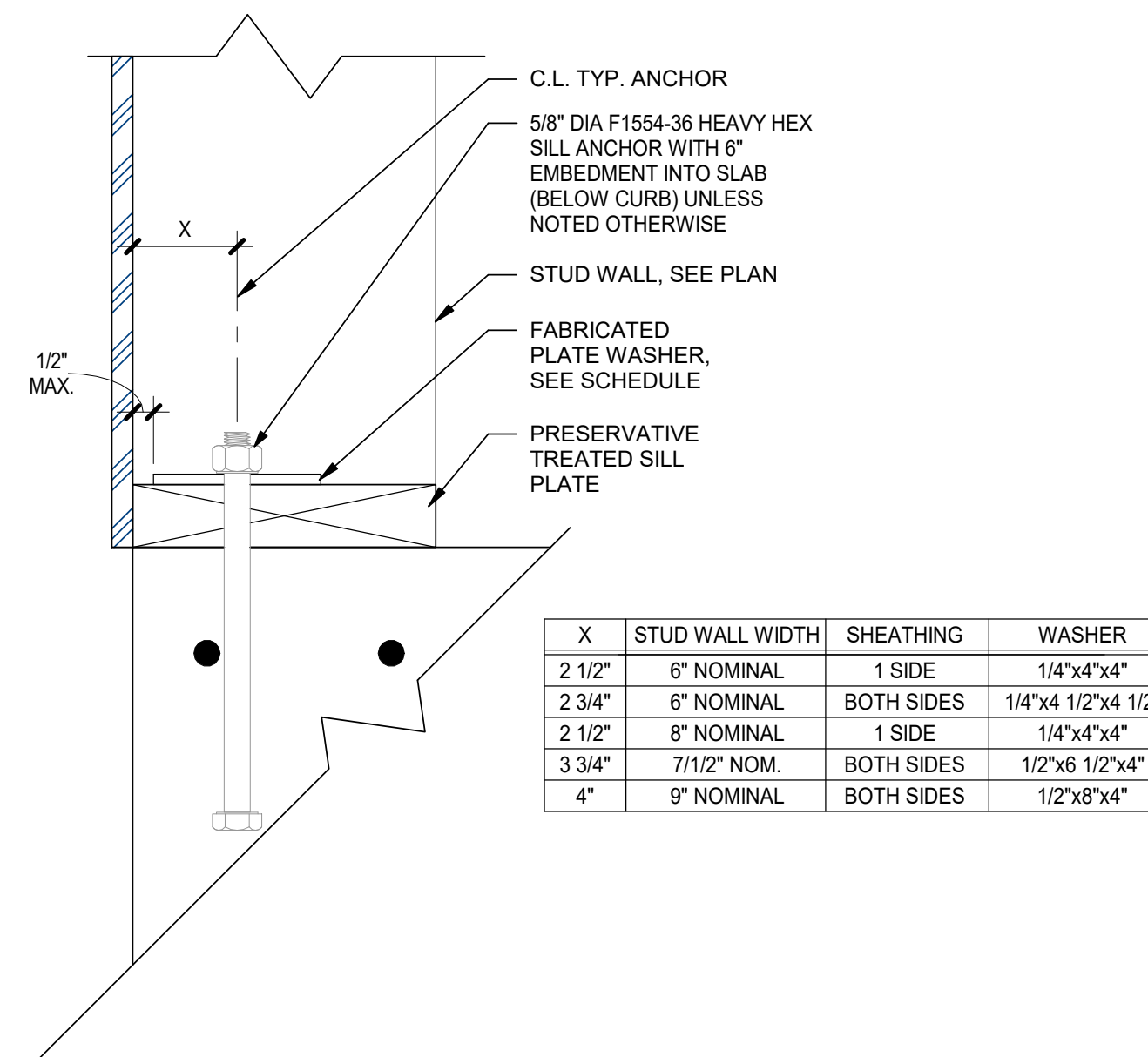
2 TYPICAL GRADE BEAM DETAIL
1" = 1'-0"



3 PERIMETER FOOTING W/ STEM WALL
1" = 1'-0"



4 POST BASE DETAIL
1" = 1'-0"



5 TYPICAL SILL ANCHOR DETAIL
3" = 1'-0"

X	STUD WALL WIDTH	SHEATHING	WASHER
2 1/2"	6" NOMINAL	1 SIDE	1/4"x4"x4"
2 3/4"	6" NOMINAL	BOTH SIDES	1/4"x4 1/2"x4 1/2"
2 1/2"	8" NOMINAL	1 SIDE	1/4"x4"x4"
3 3/4"	7 1/2" NOM.	BOTH SIDES	1/2"x6 1/2"x4"
4"	9" NOMINAL	BOTH SIDES	1/2"x8"x4"



Project

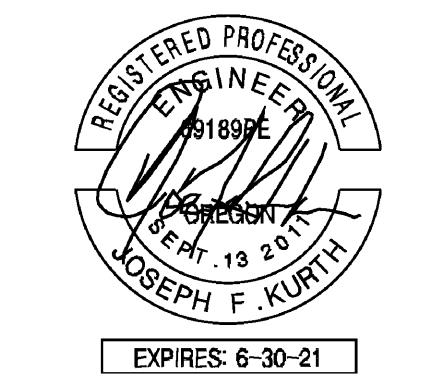
Consultant



Revisions

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Drawing Title

**FOUNDATION
DETAILS**

Sheet No

S4.03

Millersburg Fire Station 15
3215 Transition Parkway
Albany, OR 97321



Project

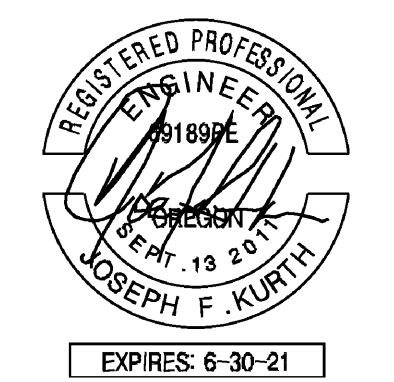
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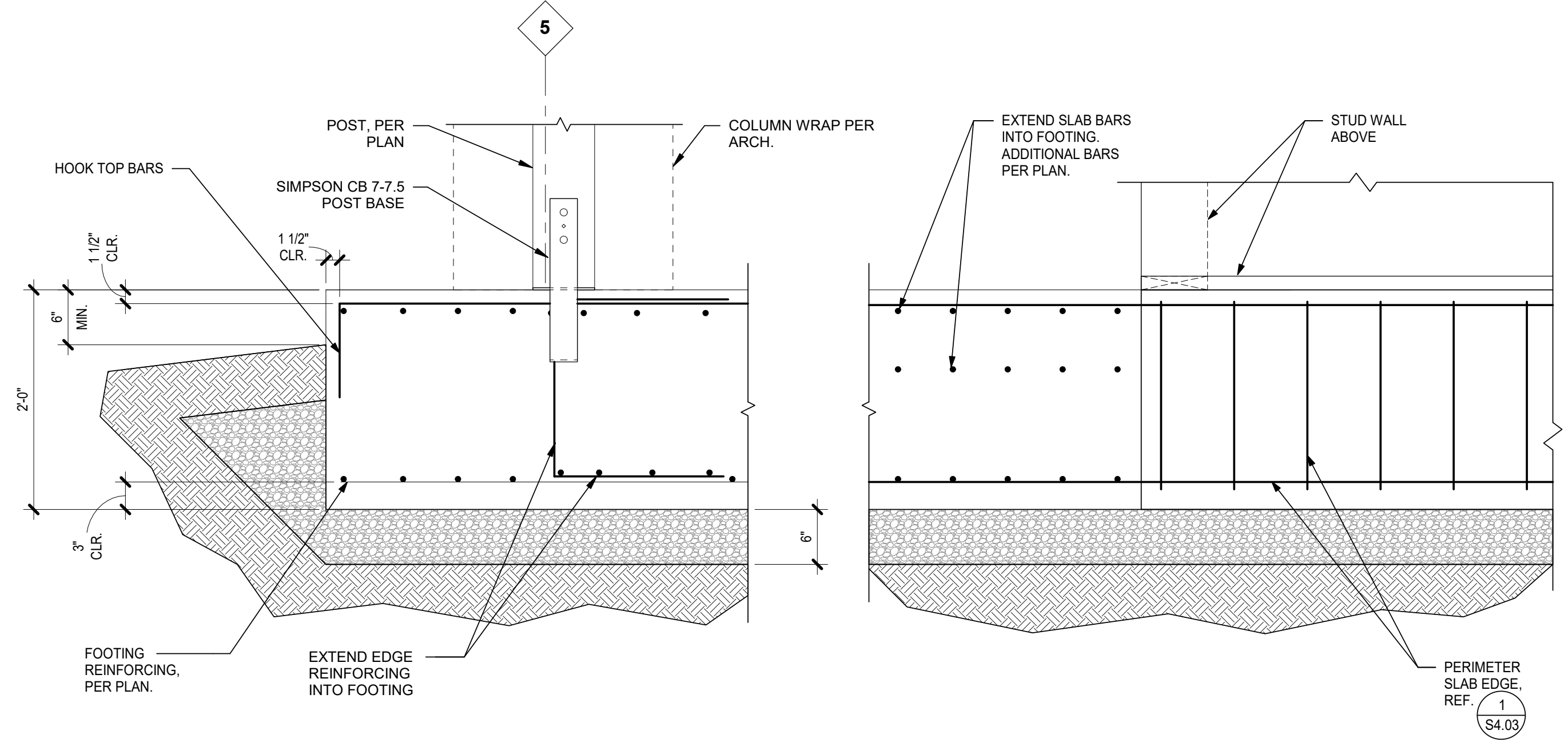
Date
2/3/21

Project Number
20006

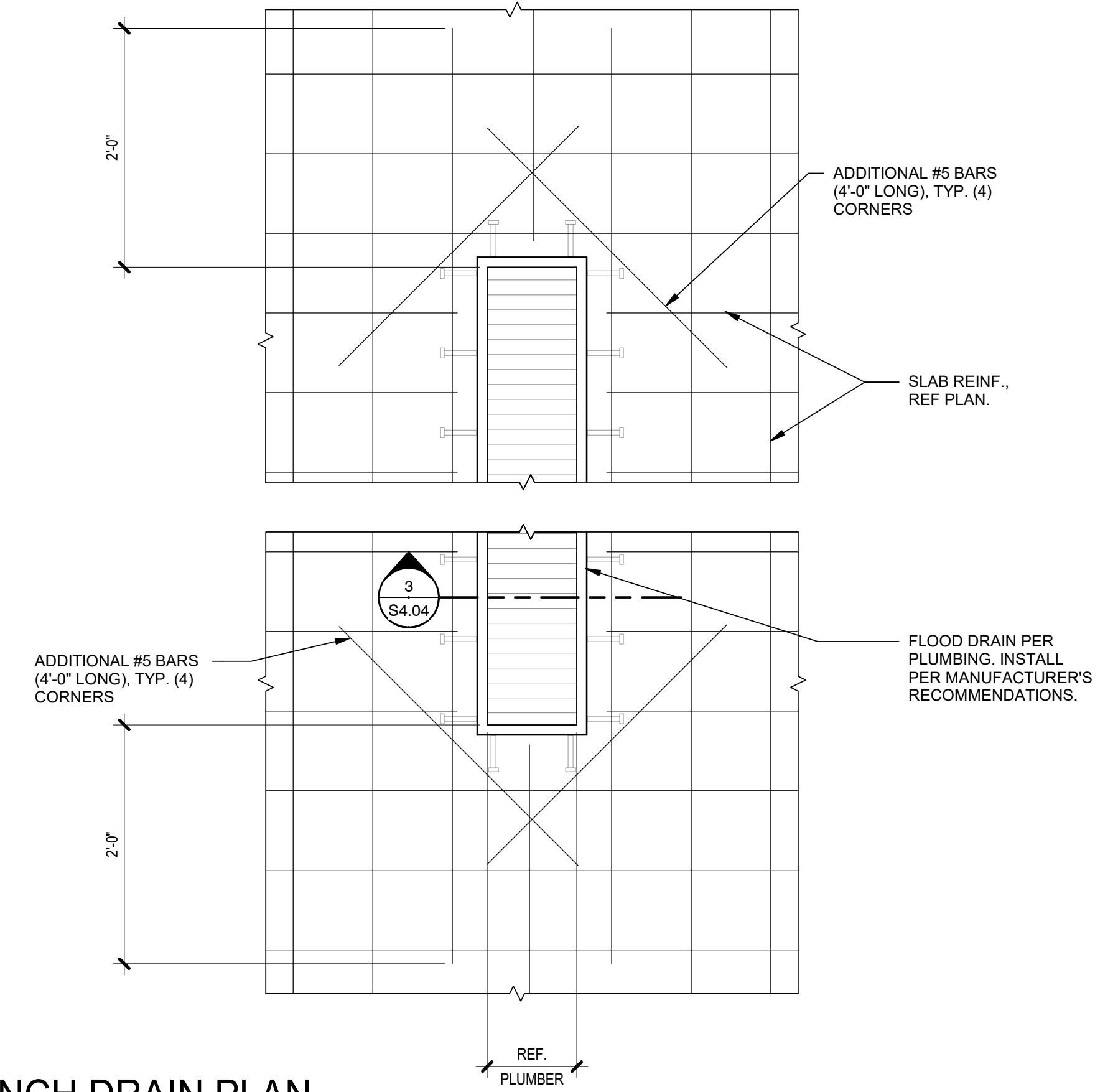
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FOUNDATION DETAILS

Sheet No.

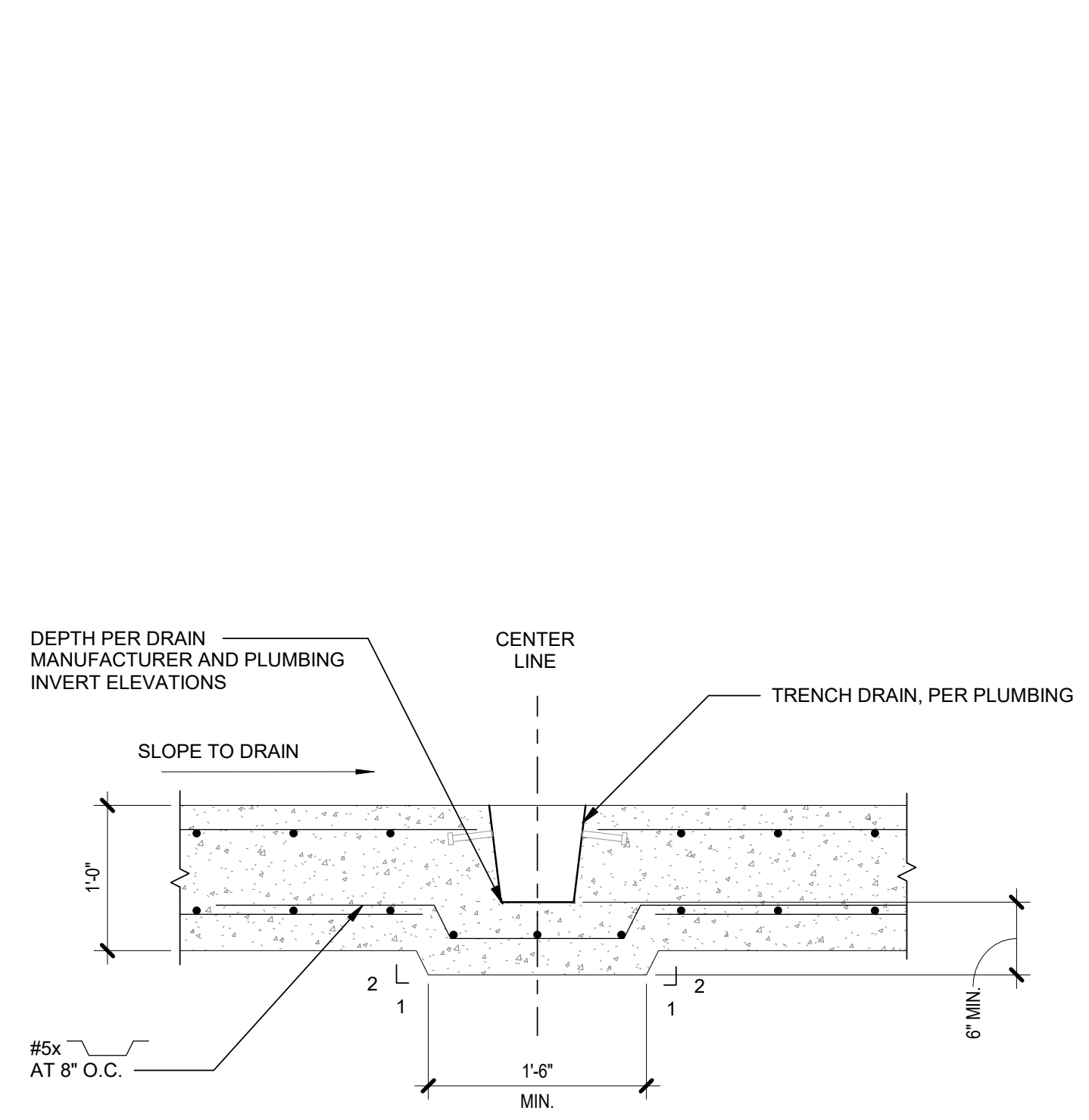
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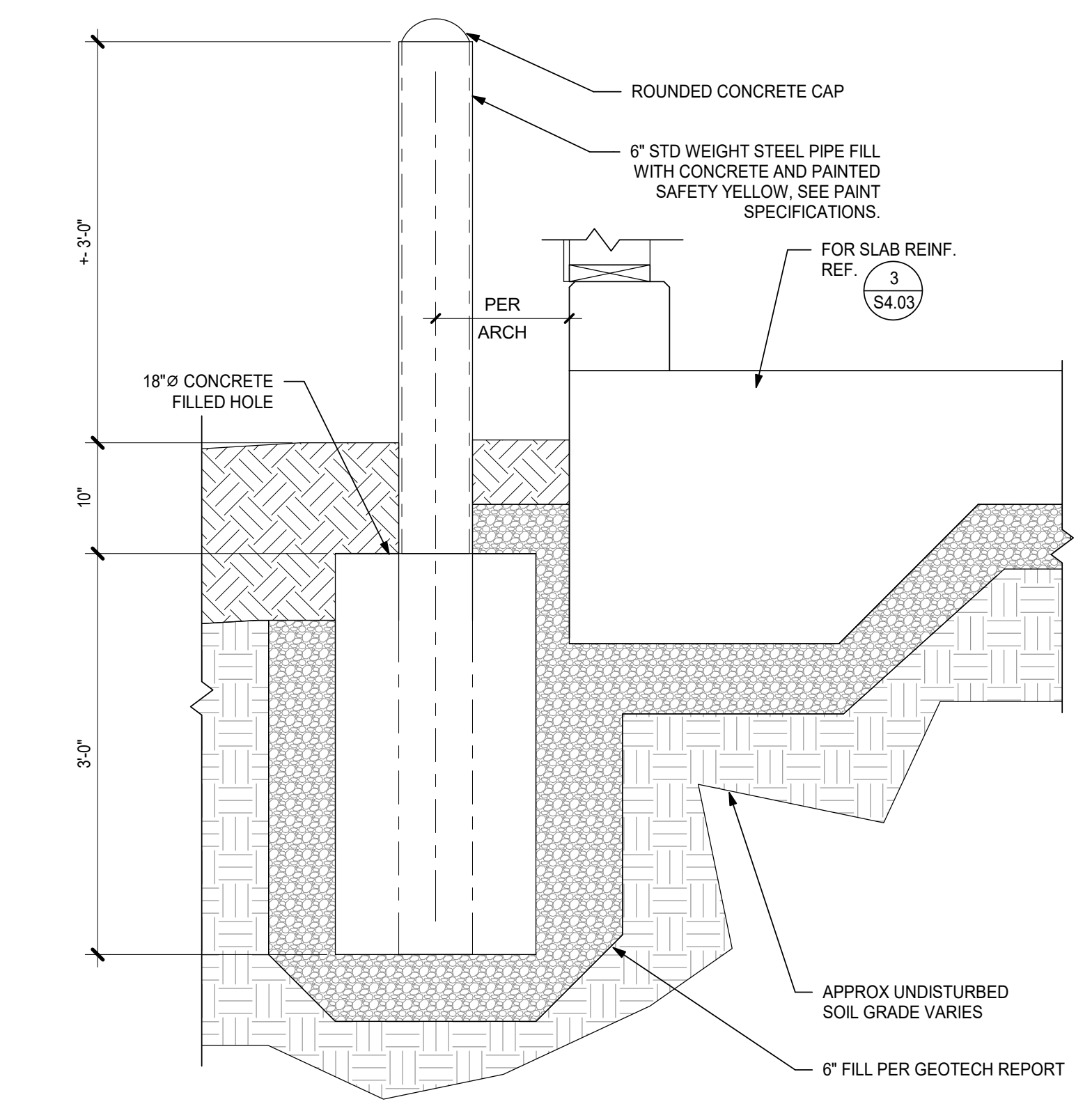
1 POST BASE DETAIL
1" = 1'-0"



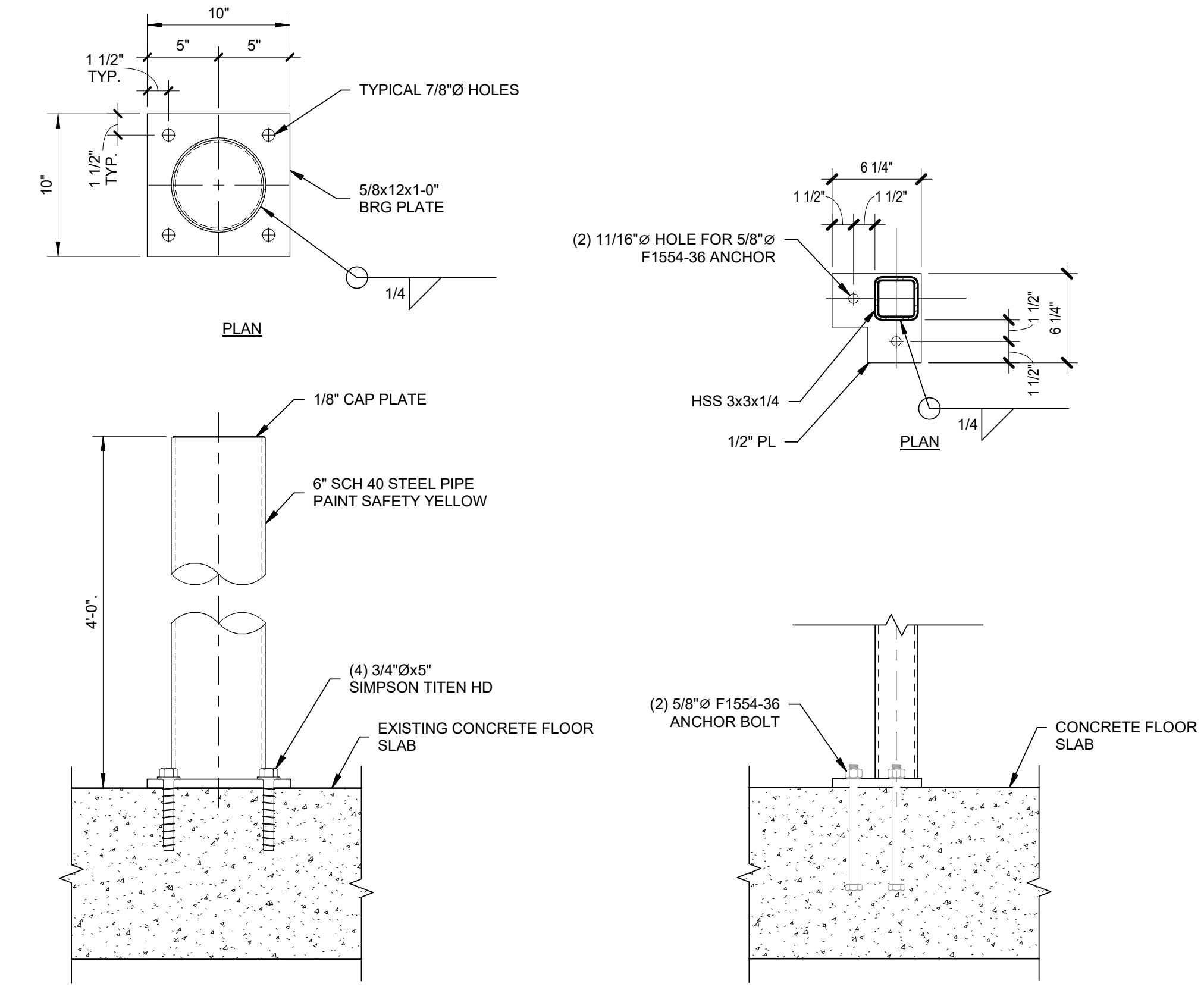
2 TRENCH DRAIN PLAN
1" = 1'-0"



3 TRENCH SECTION
1" = 1'-0"



4 EXTERIOR BOLLARD DETAIL
1" = 1'-0"



5 BOLT DOWN BOLLARD BASE DETAIL
1 1/2" = 1'-0"

6 HSS BASE DETAIL
1 1/2" = 1'-0"

Millersburg Fire
Station 15
3215 Transition Parkway
NE
Albany, OR 97321



Project

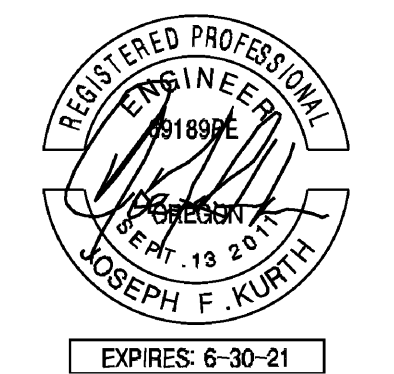
Consultant



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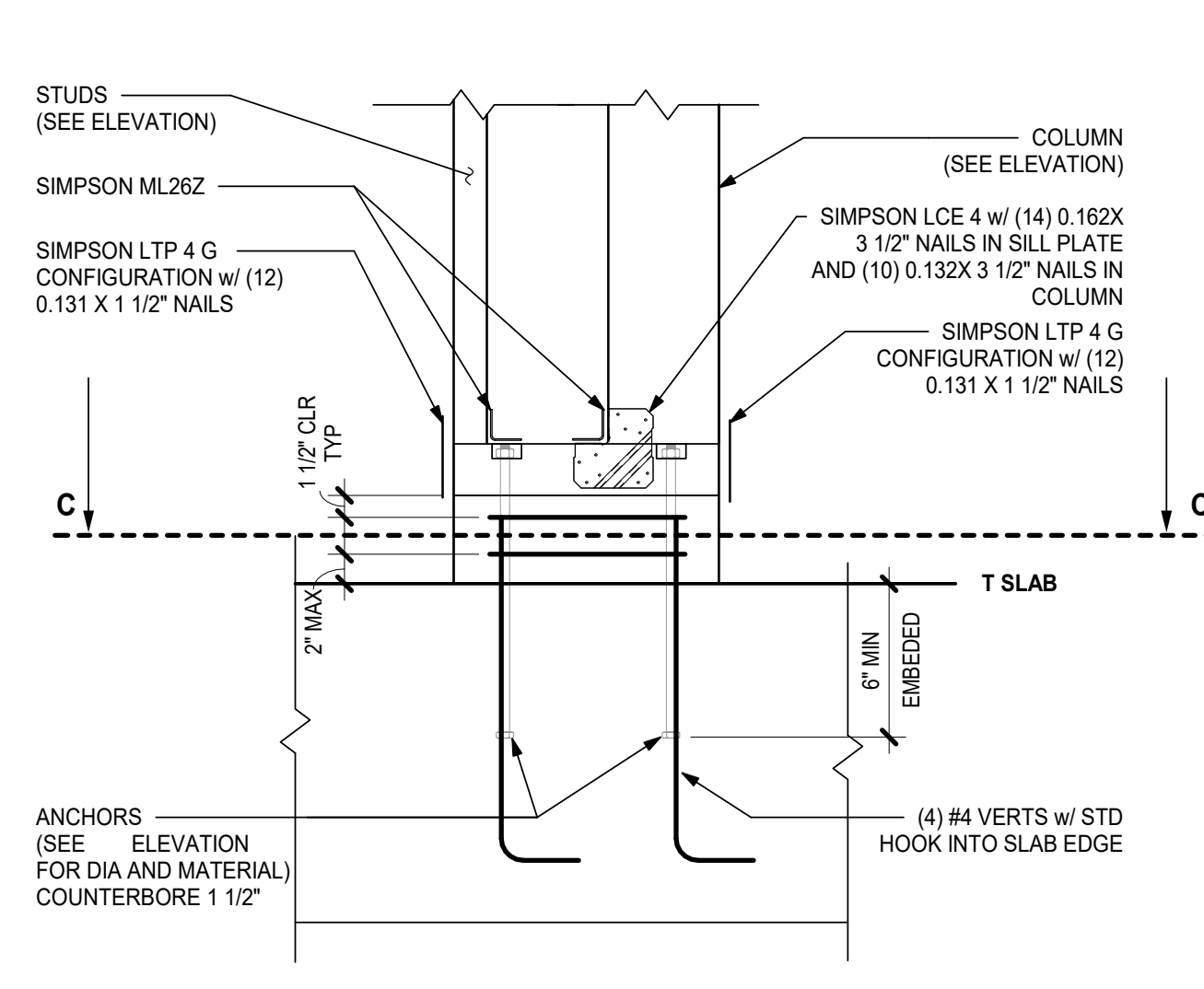
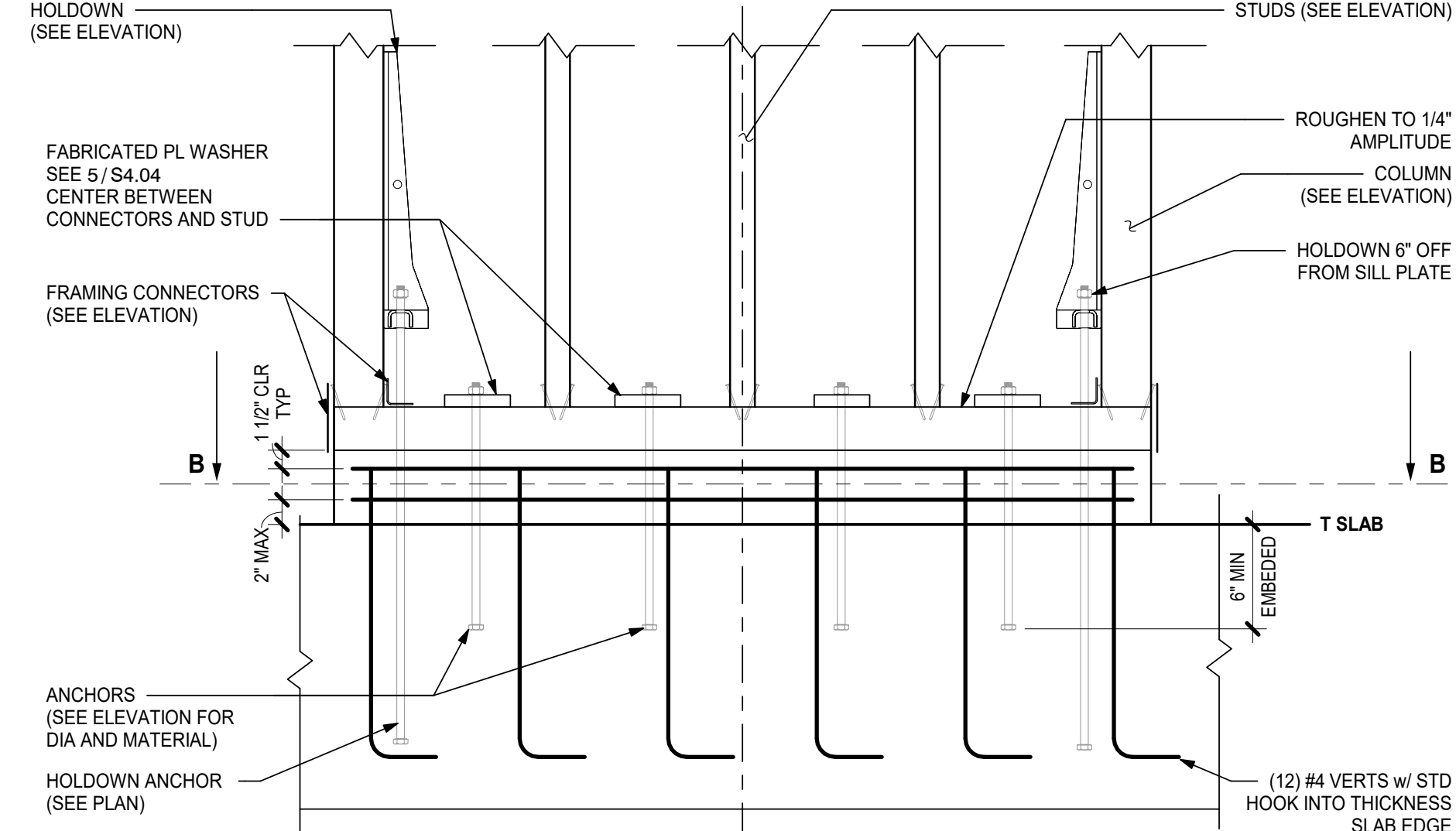
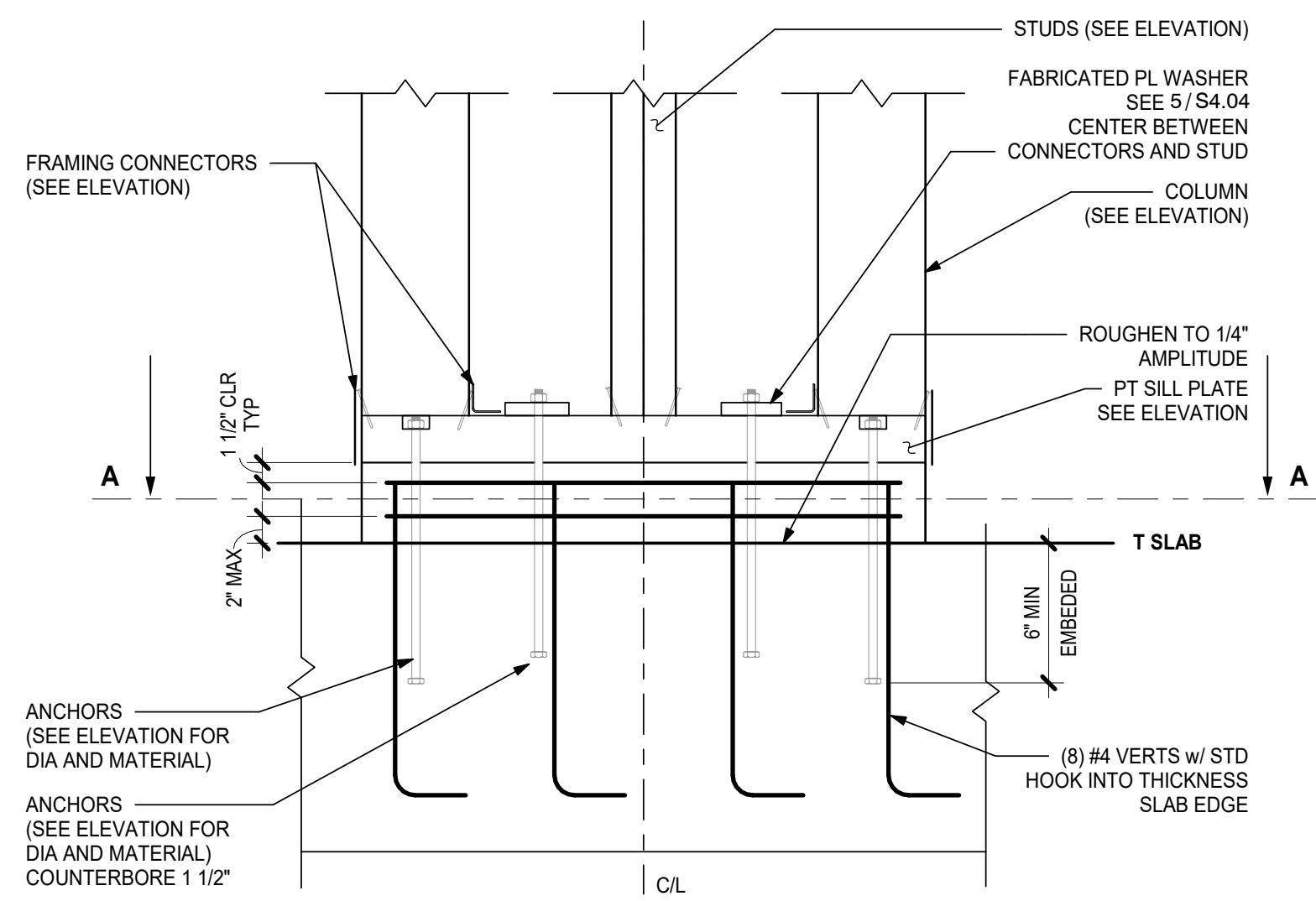
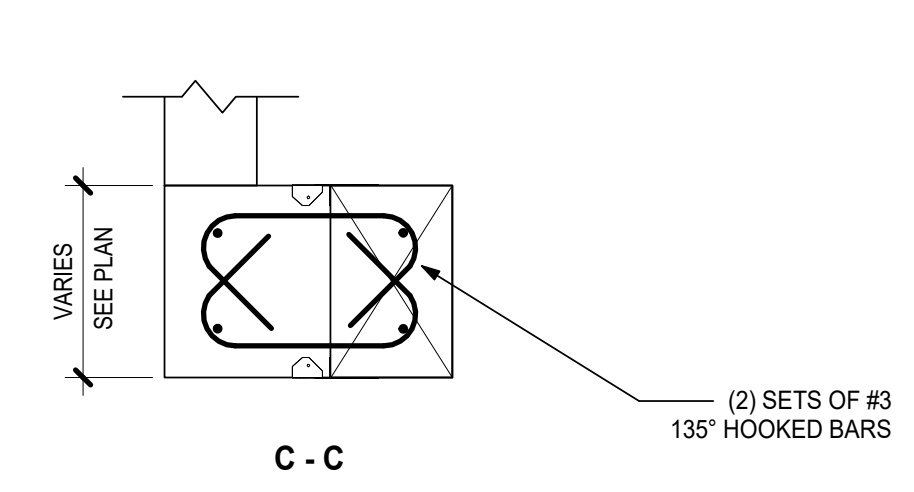
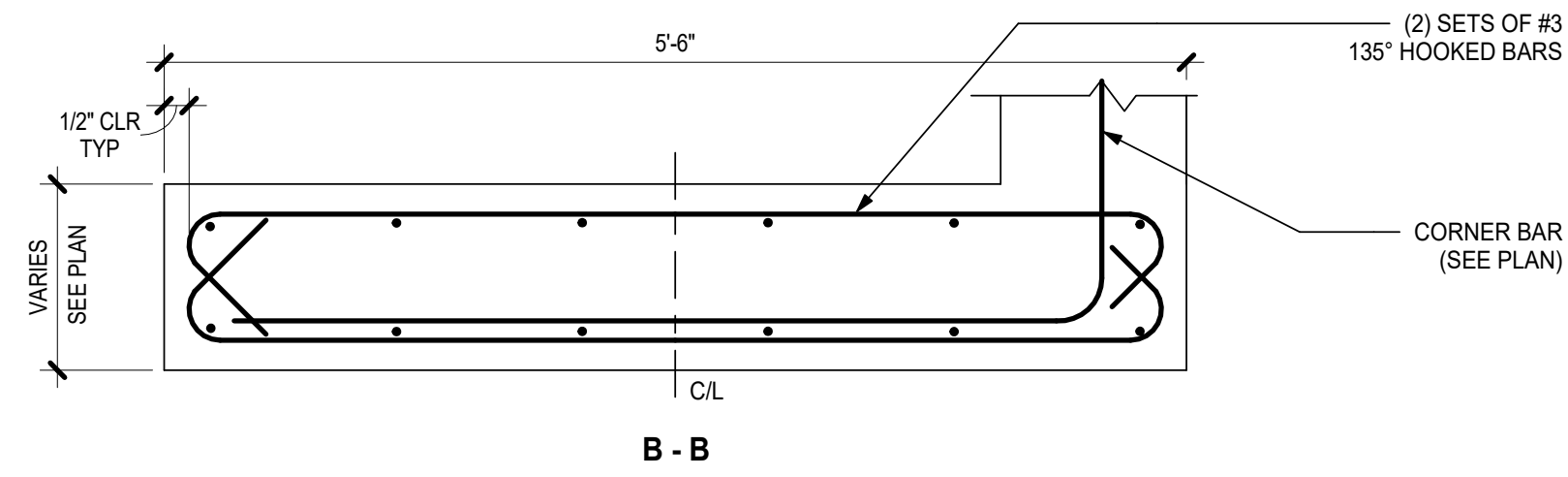
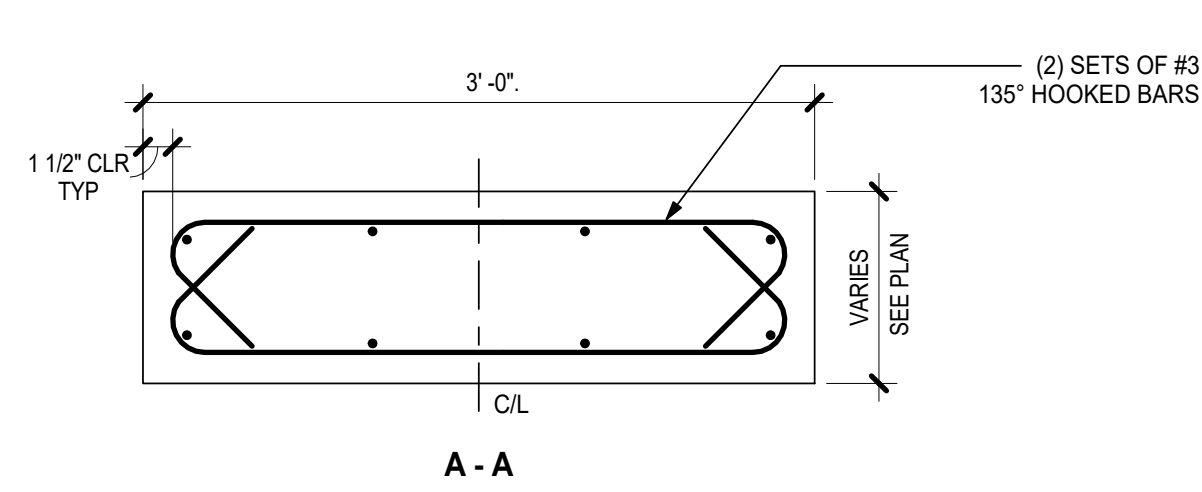
20006

Drawing Title

**FOUNDATION
DETAILS**

Sheet No

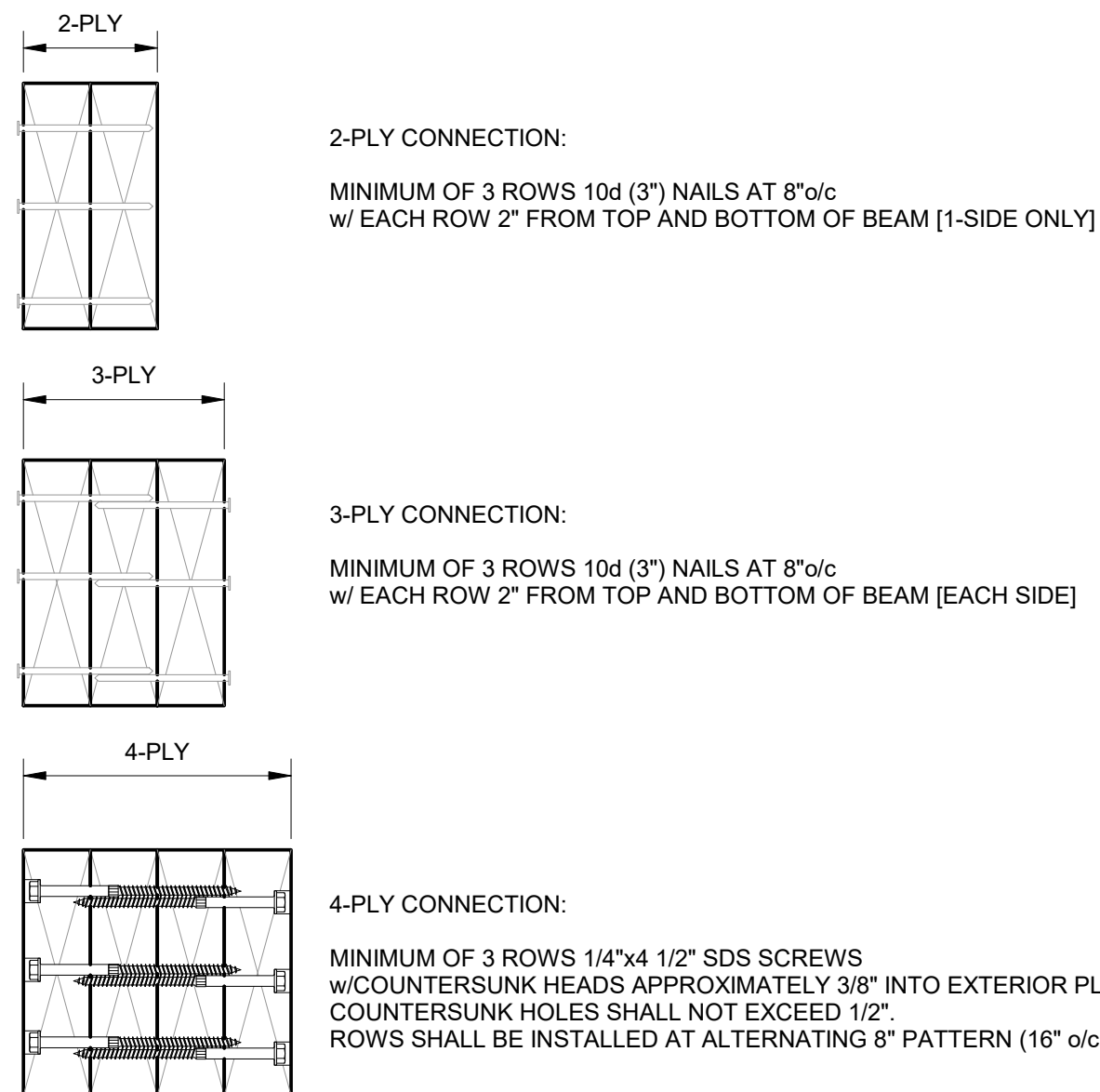
S4.06



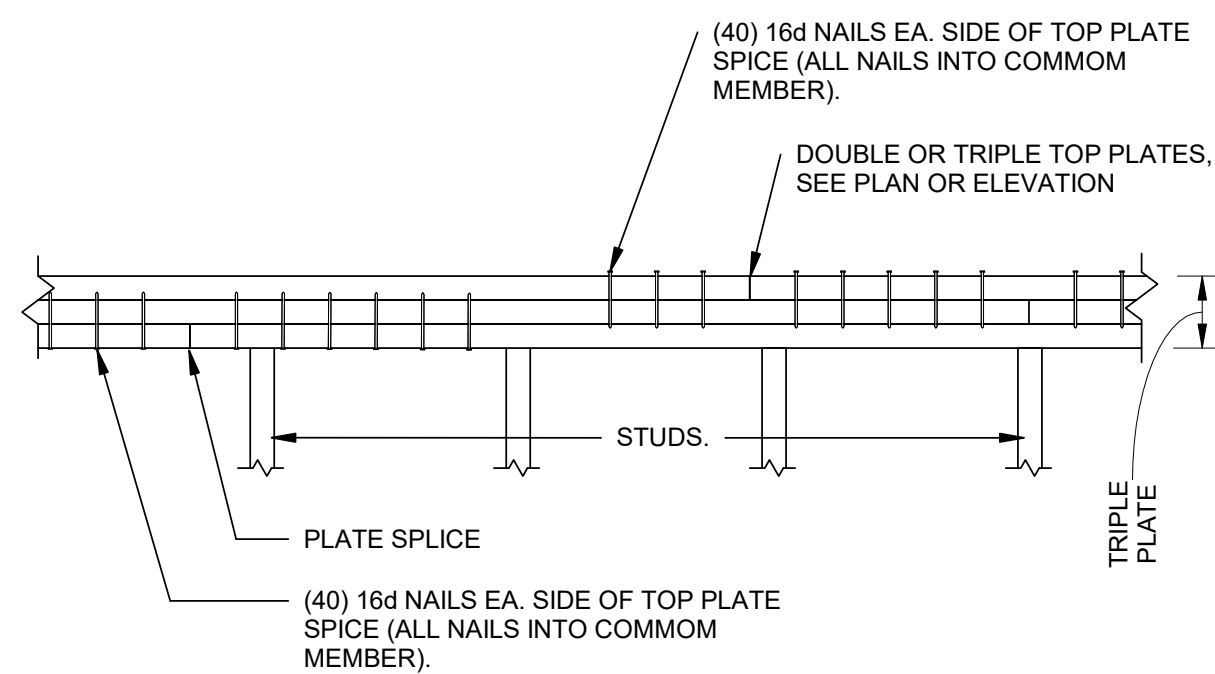
1 TYP 3' ISOLATED CURB
1" = 1'-0"

2 TYP 5'-6" ISOLATED CURB
1" = 1'-0"

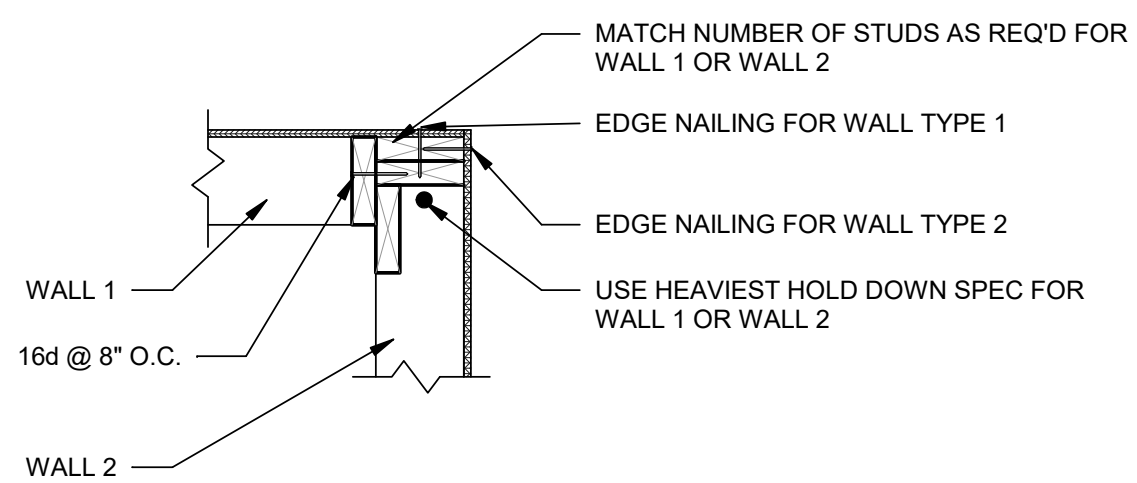
3 TYP 3' ISOLATED CURB
1" = 1'-0"



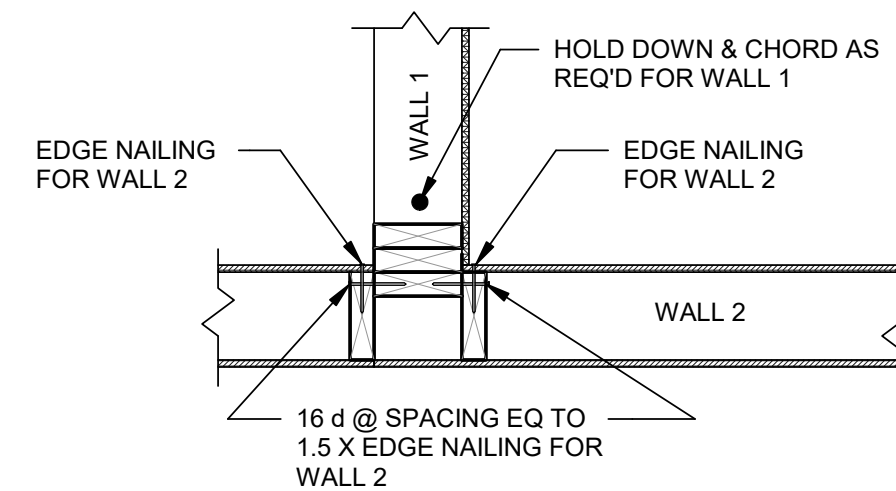
1 MULTI-PLY DETAIL
3" = 1'-0"



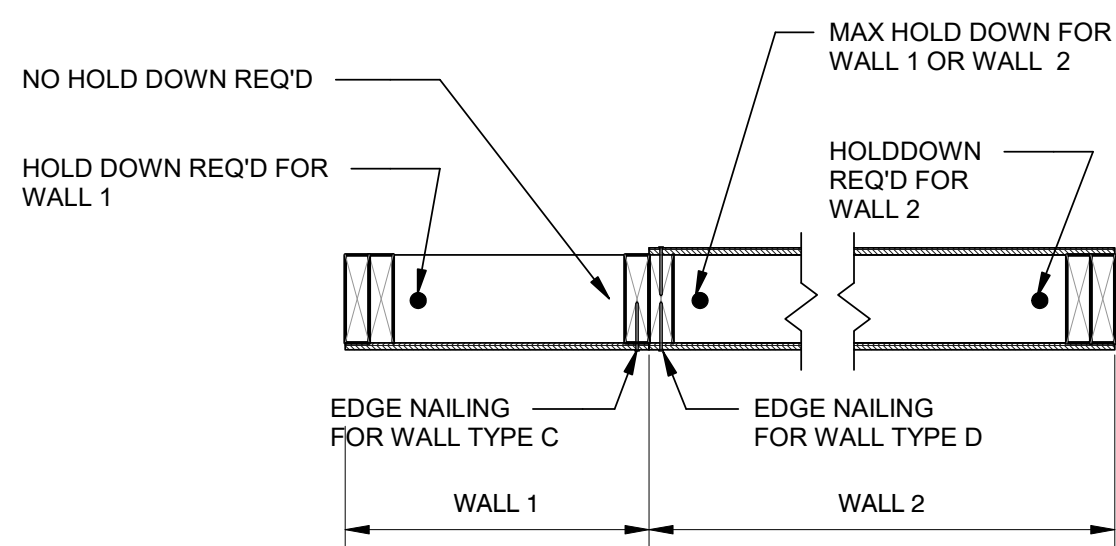
2 WALL TOP PLATE SPICE
1" = 1'-0"



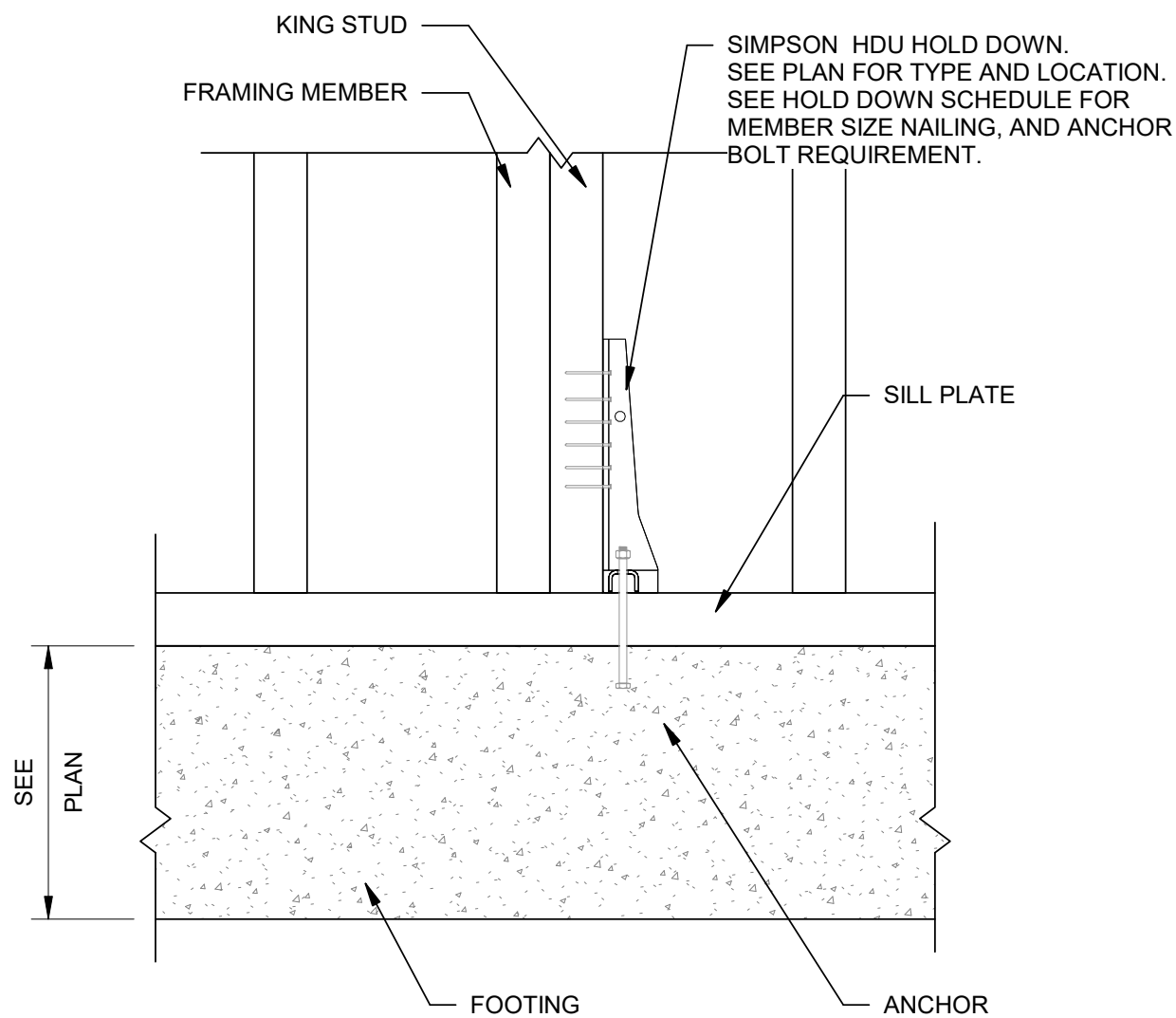
3 EXAMPLE CORNER @ INTERSECTING WALLS
1" = 1'-0"



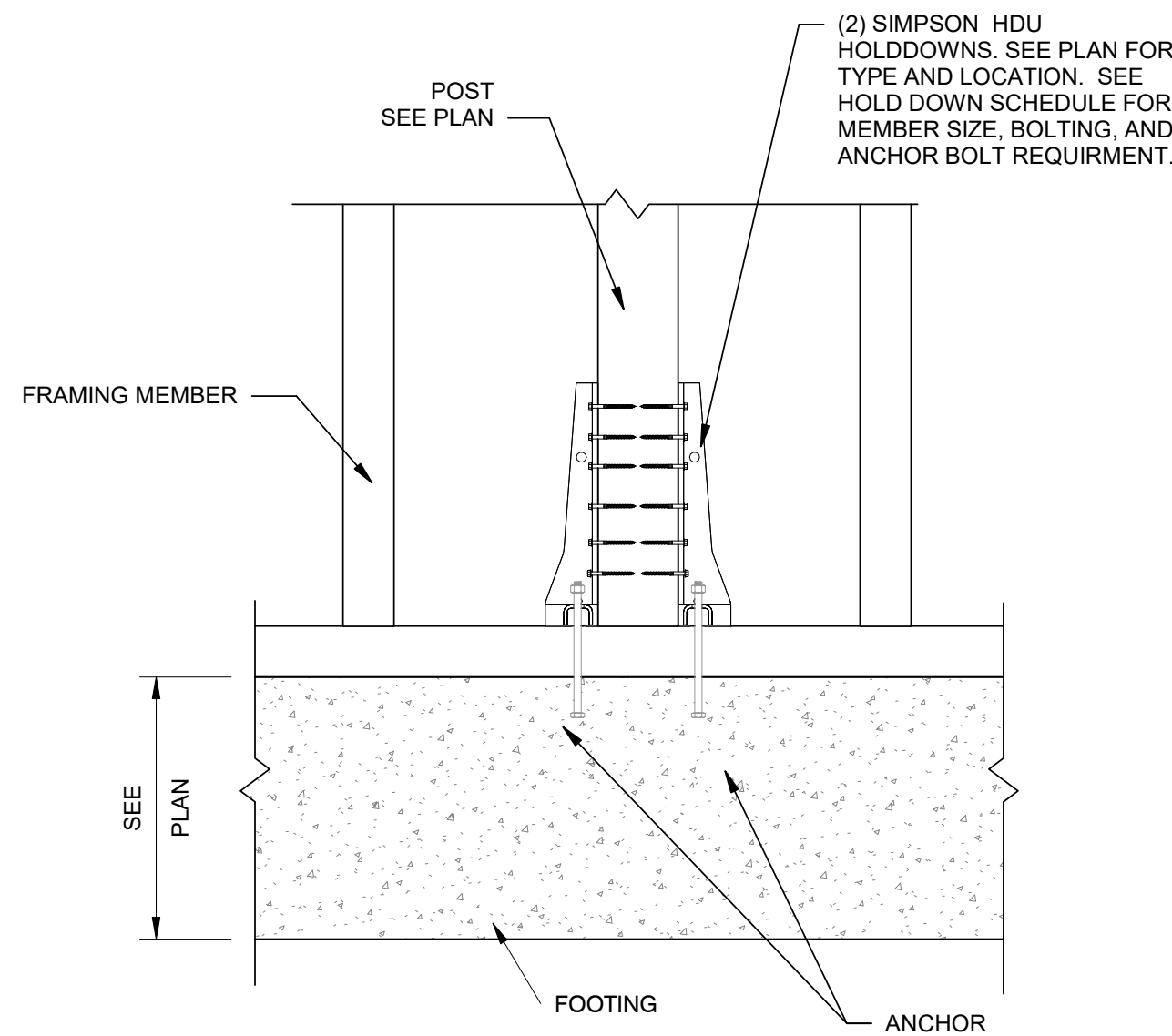
4 INTERSECTING WALLS
1" = 1'-0"



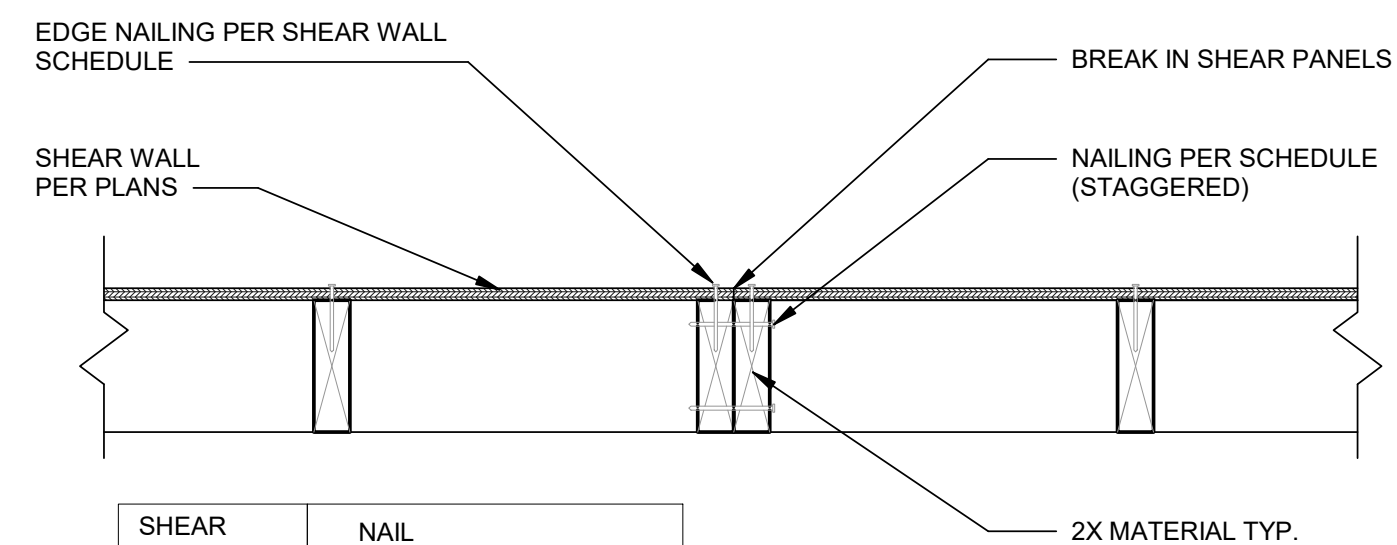
5 EXAMPLE CONTINUING SHEAR WALL OF DIFF TYPES
1" = 1'-0"



6 SIMPSON HOLDDOWN INSTALLATION
1" = 1'-0"



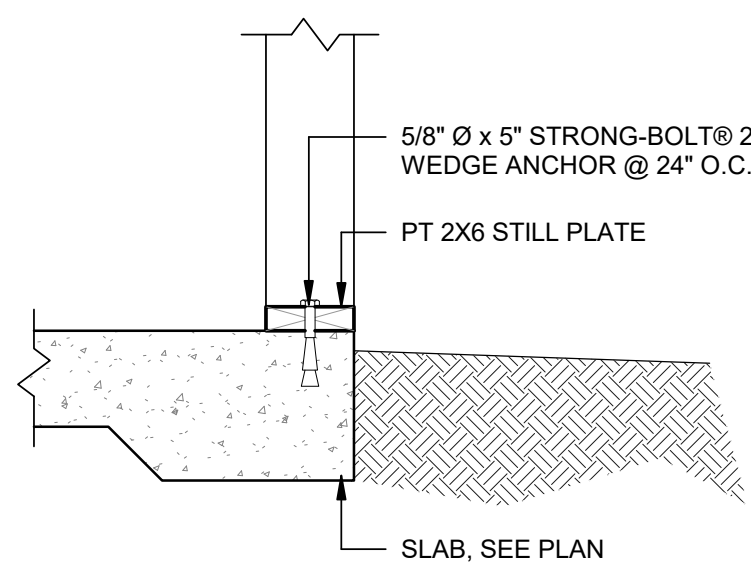
7 (2) HOLDDOWN INSTALLATION
1" = 1'-0"



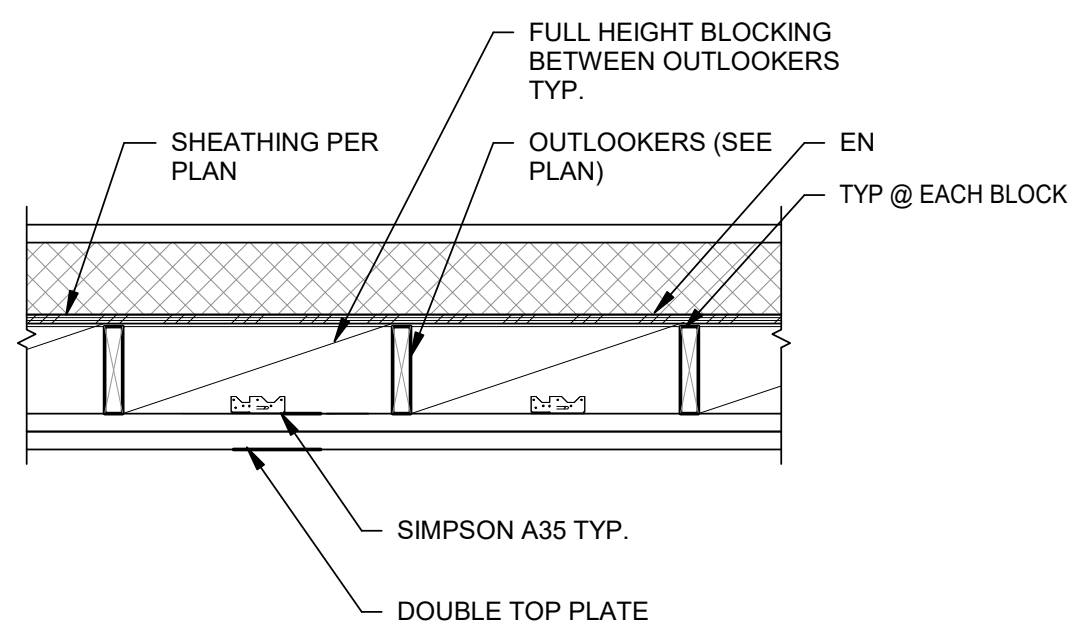
SHEAR WALL TYPE	NAIL SPACING
A	16d BOX @ 4" O.C.
B	16d BOX @ 3" O.C.
C	16d COMMON @ 3" O.C.
D, E & F	DETAIL SW1 NOT ALLOWED. USE 3X OR 4X MEMBER AT ADJOINING PANELS.

2X FLAT BLOCKING IS ALSO ALLOWED IN LIEU OF 3X MATERIAL. (USE FLAT BLOCKING ON ONE FACE OF THE WALL FOR "A", "B" AND "C" SHEAR WALLS AND ON BOTH FACES FOR "D", "E" AND "F" SHEAR WALLS.)

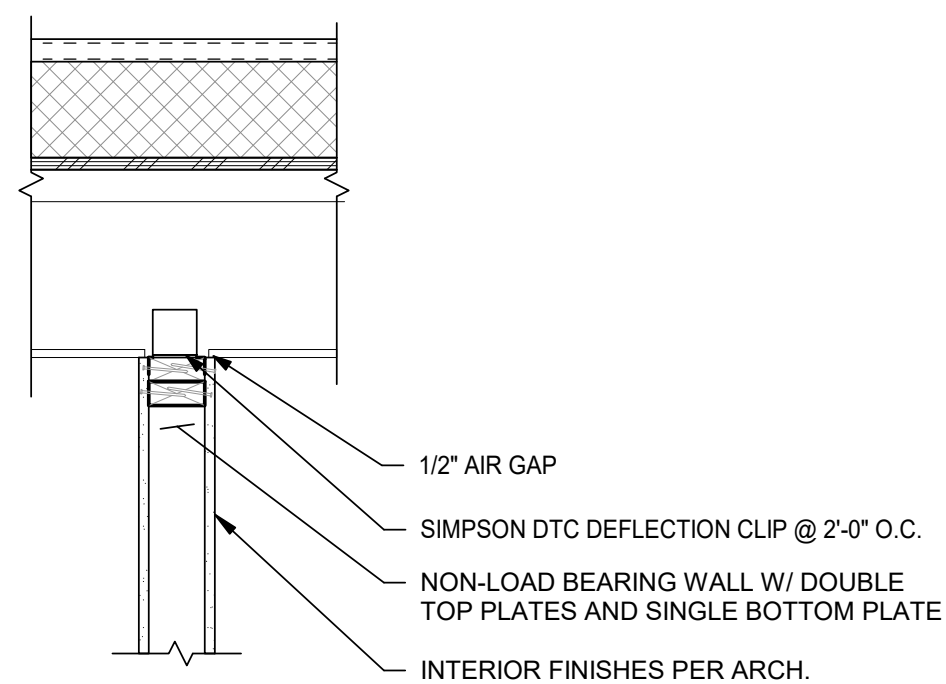
8 ADJOINING SHEAR PANEL NAILING OPTION
1 1/2" = 1'-0"



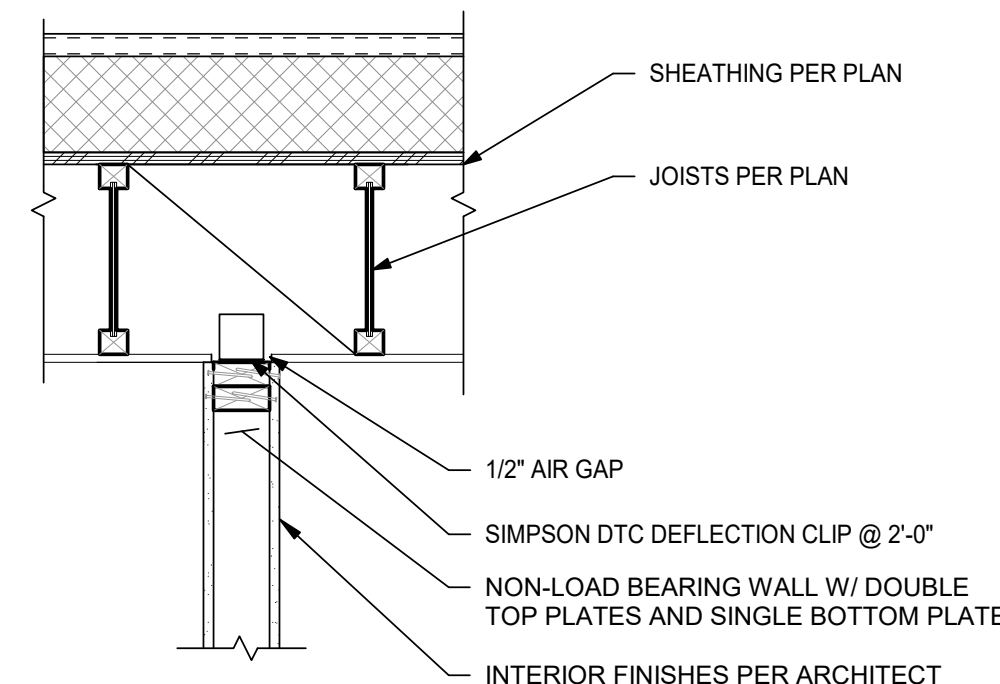
9 EXT. NON-BEARING WALL SILL TO SLAB CONNECTION
1" = 1'-0"



10 TYPICAL BLOCKING DETAIL
3/4" = 1'-0"



11 FLOOR JOIST PERP. TO PARTITION
1" = 1'-0"



12 FLOOR JOIST PARALLEL TO PARTITION
1" = 1'-0"



Project

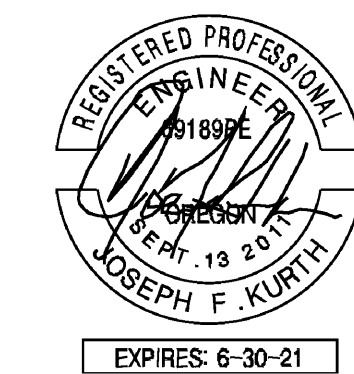
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Revisions

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Project Number

20006

Drawing Title

FRAMING DETAILS

Sheet No

S5.01



Project

Consultant



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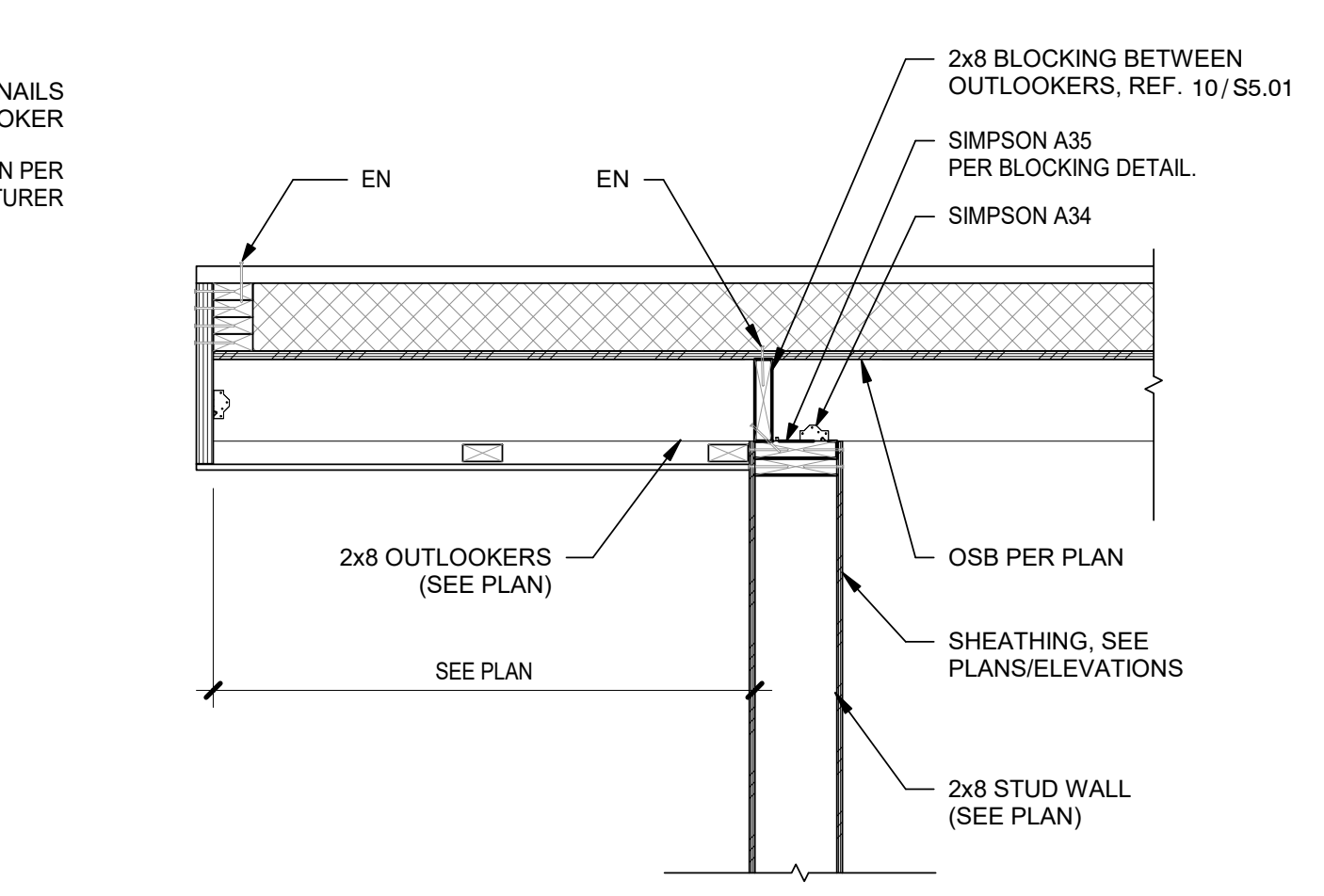
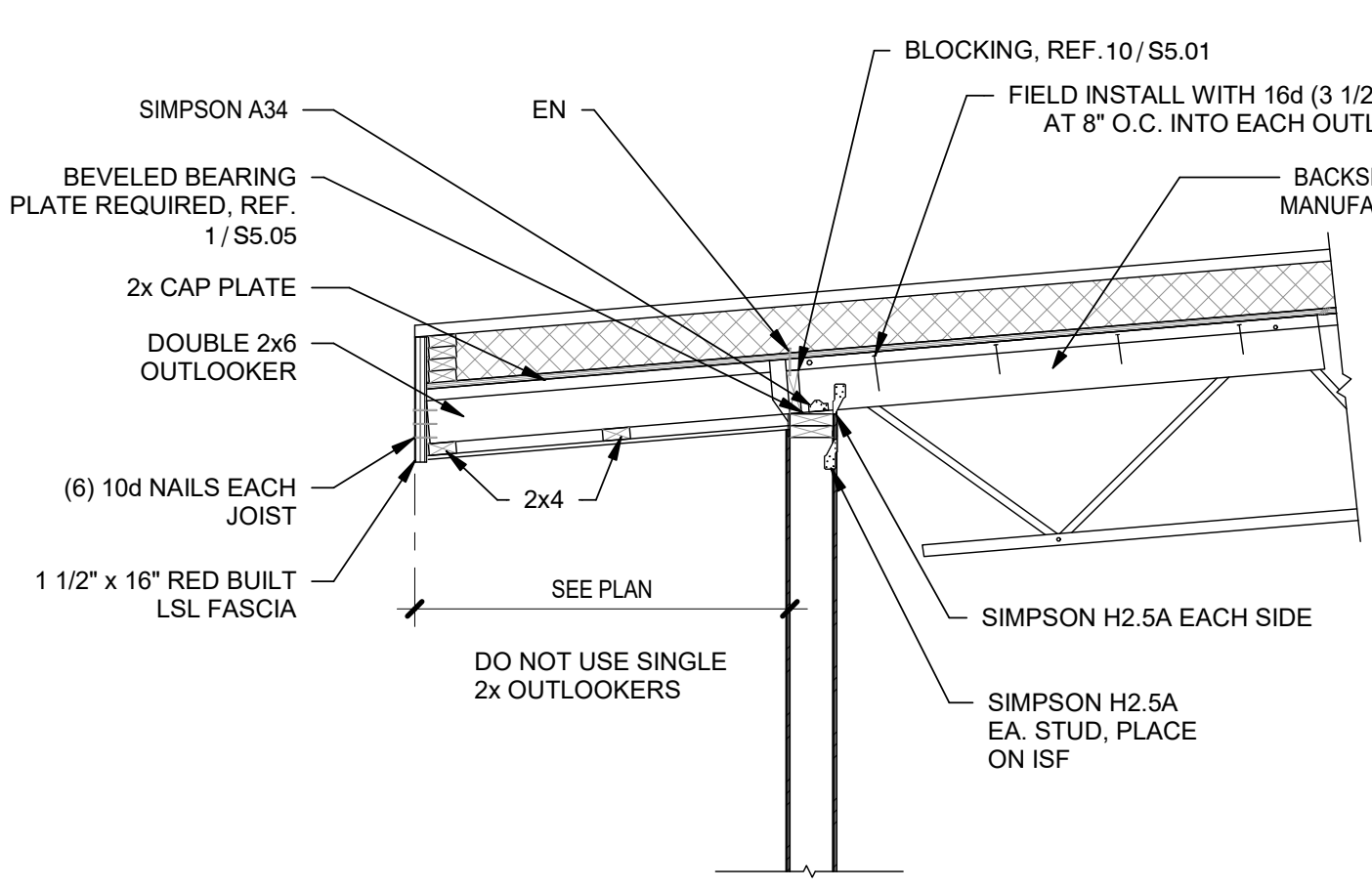
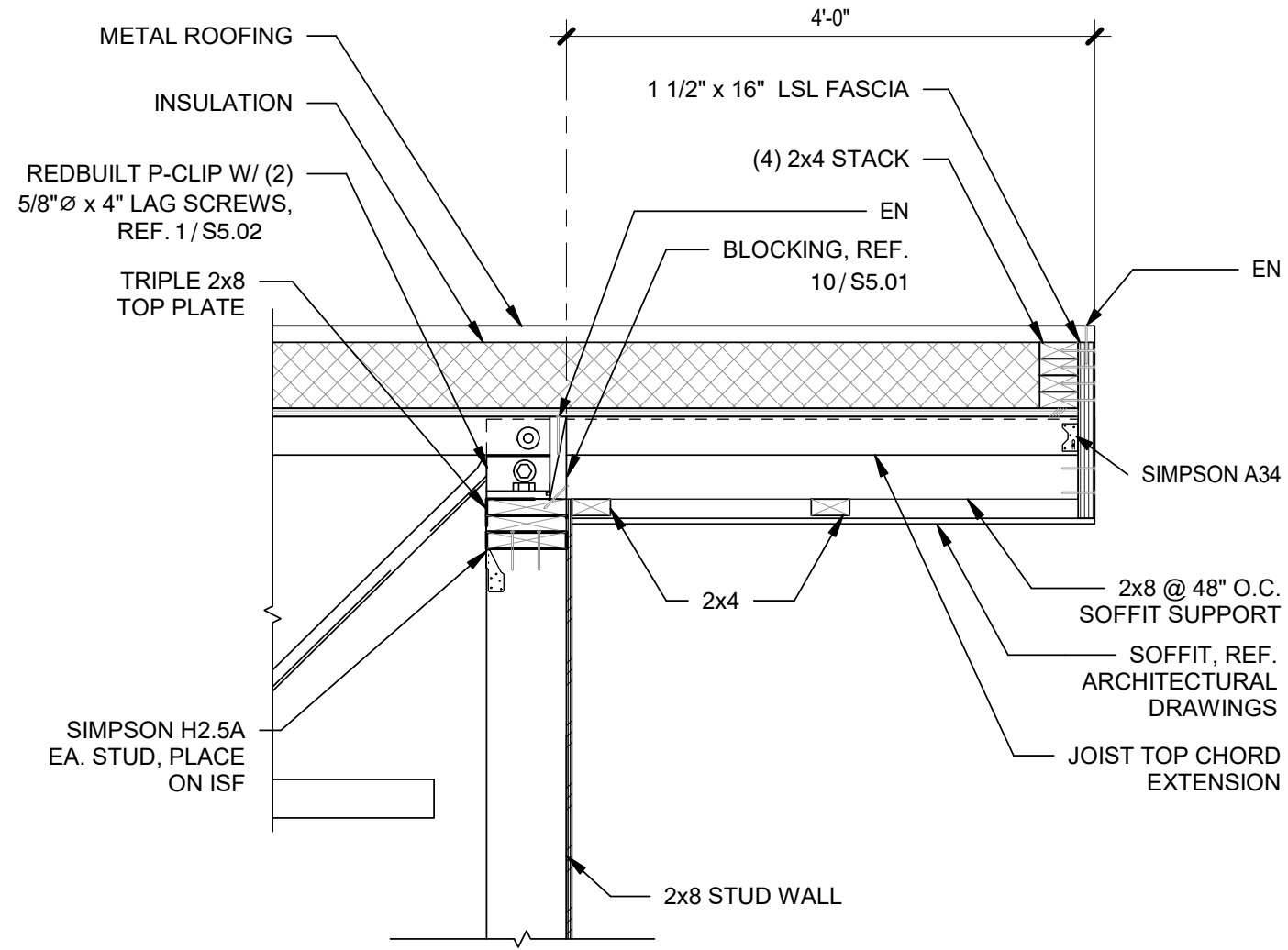
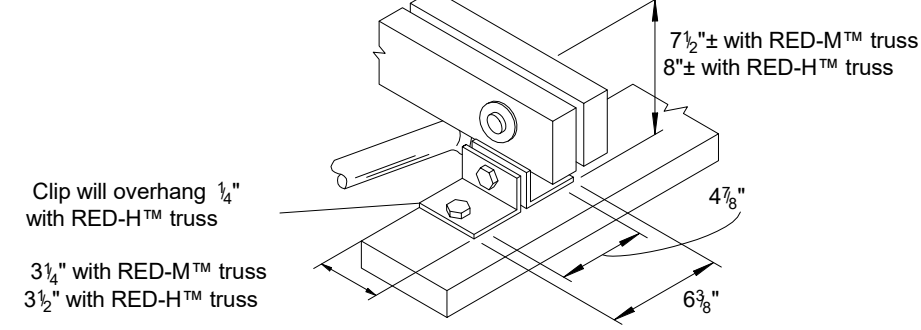
Drawing Title

FRAMING DETAILS

Sheet No

S5.02

40 Top Chord Bearing P-Clip

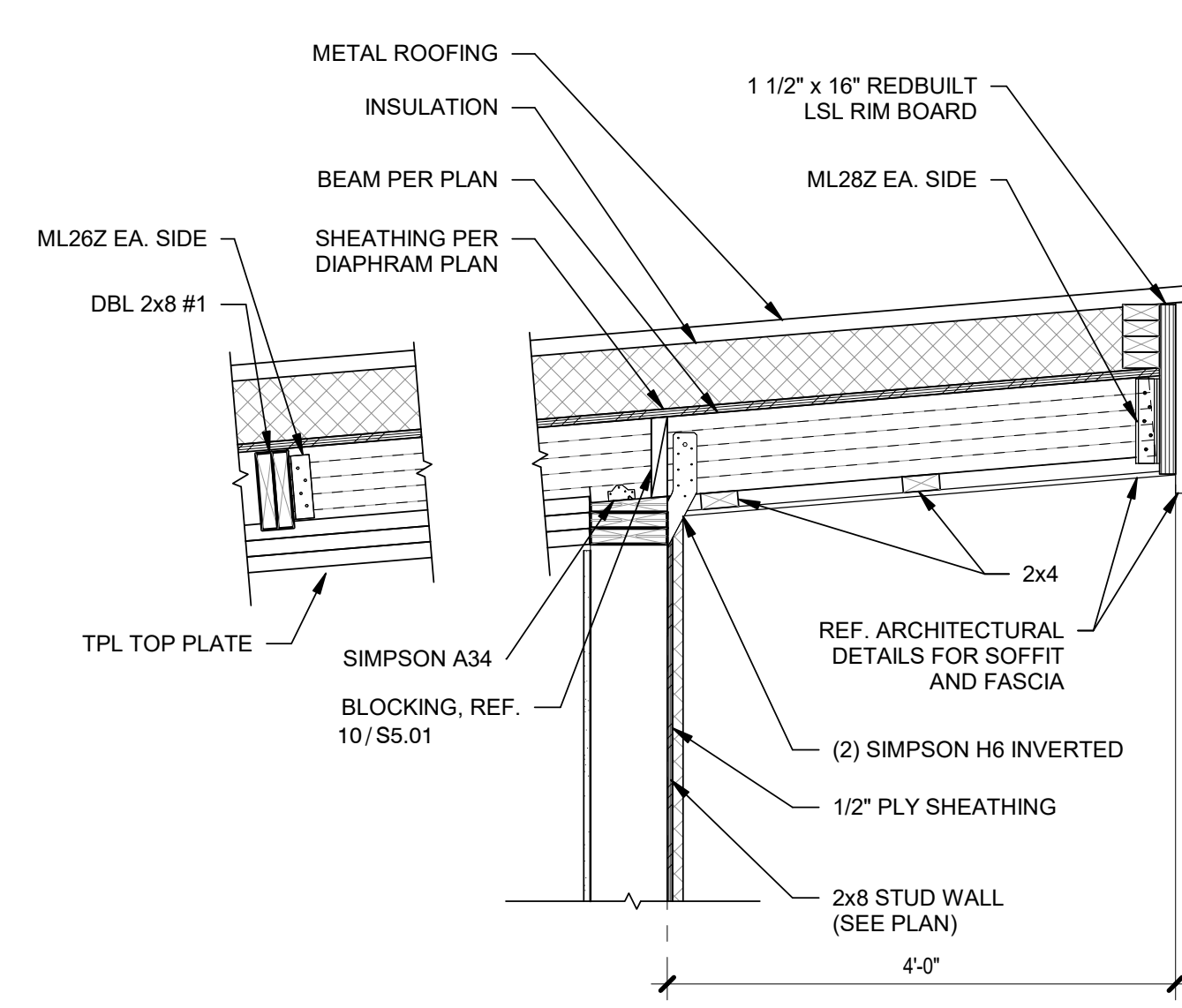
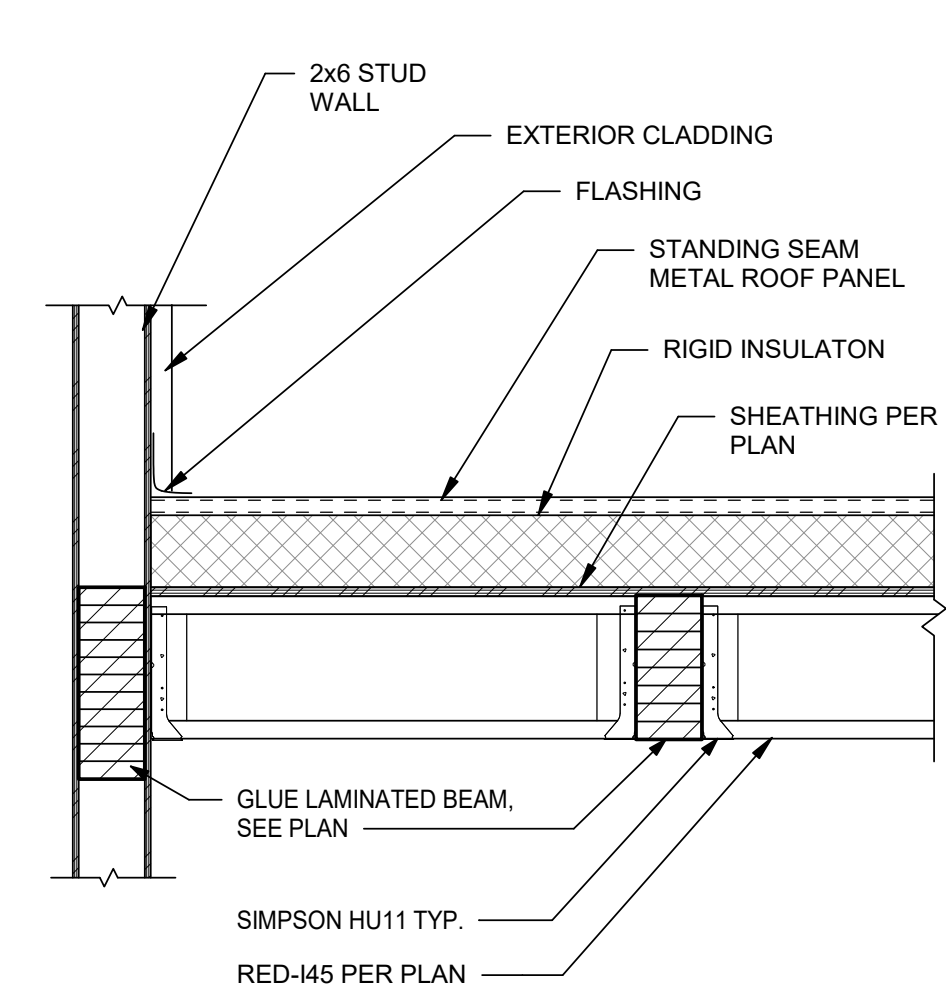
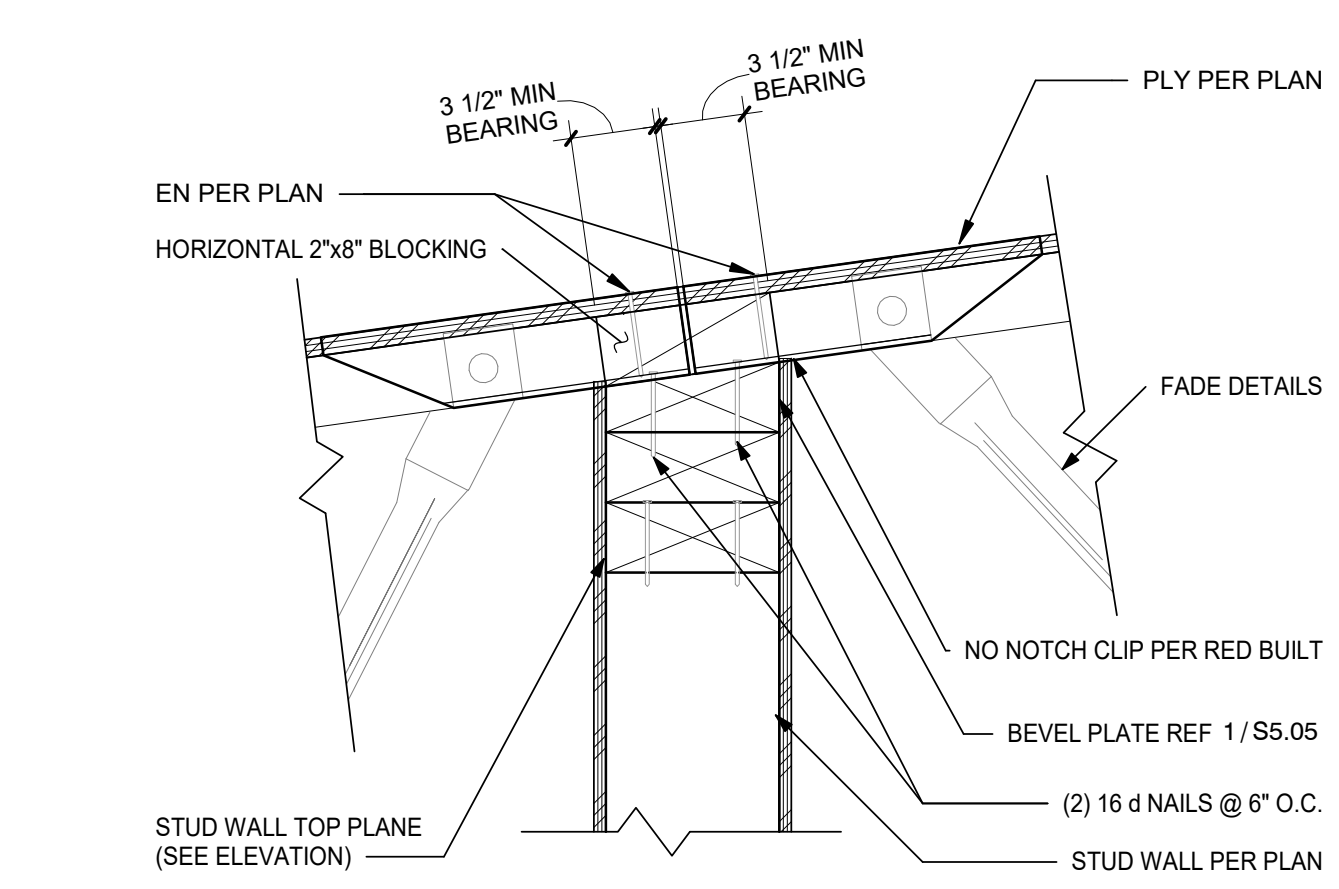
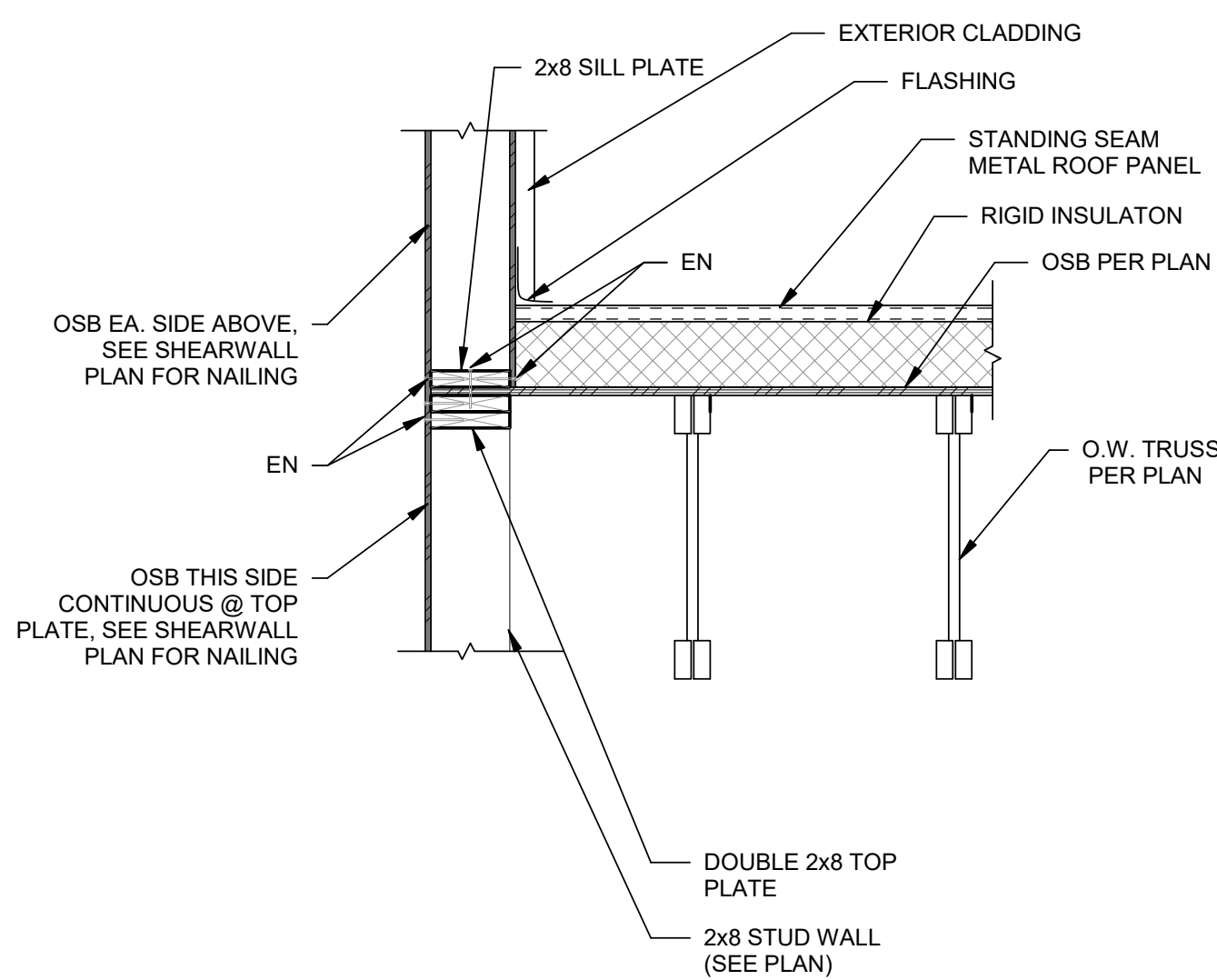


1 REDBUILT TYP. P-CLIP DETAIL
NOT TO SCALE

2 RED M TOP CHORD EXTENSION
3/4" = 1'-0"

3 AREA B OUTRIGGERS
NOT TO SCALE

4 ROOF OVERHANG
3/4" = 1'-0"

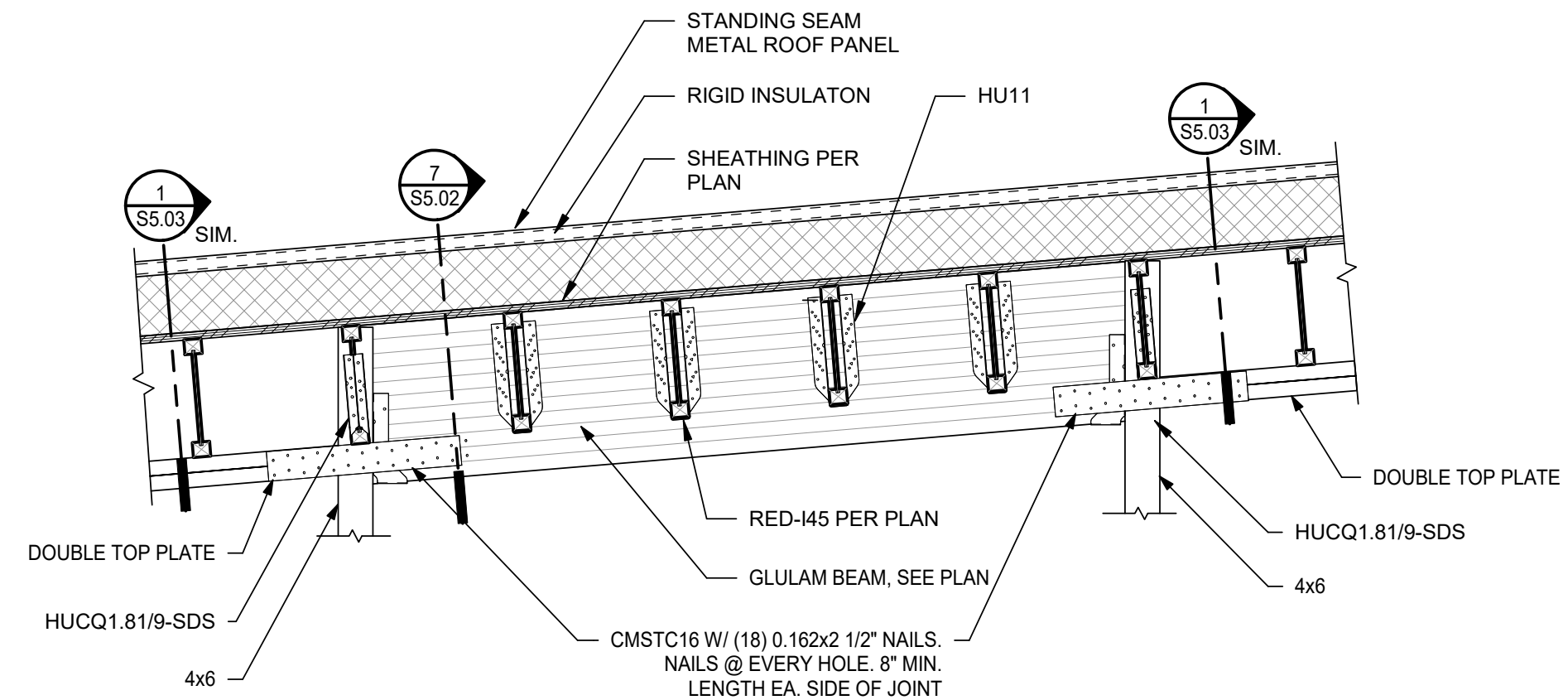
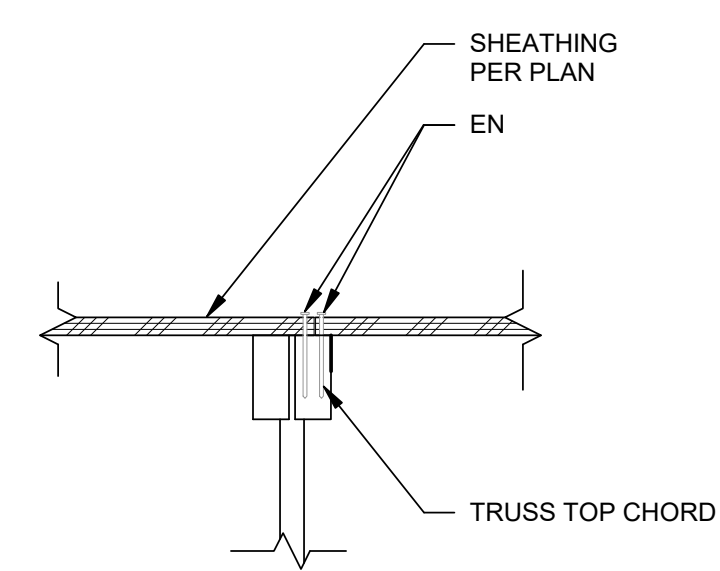
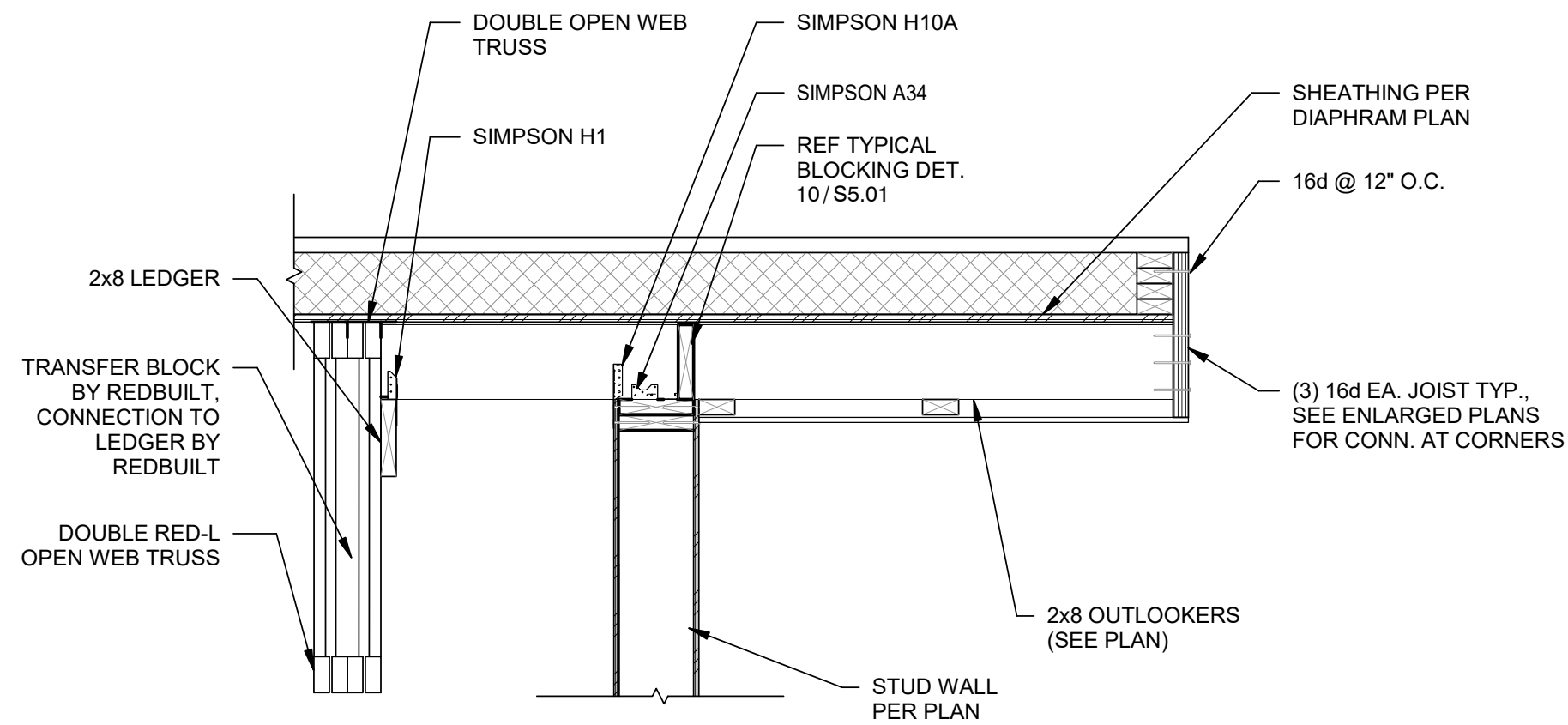


5 LOW ROOF TO WALL
3/4" = 1'-0"

6 AREA B INTERIOR BEARING WALL
1 1/2" = 1'-0"

7 AREA C ROOF TO WALL
3/4" = 1'-0"

8 ROOF OVERHANG
3/4" = 1'-0"



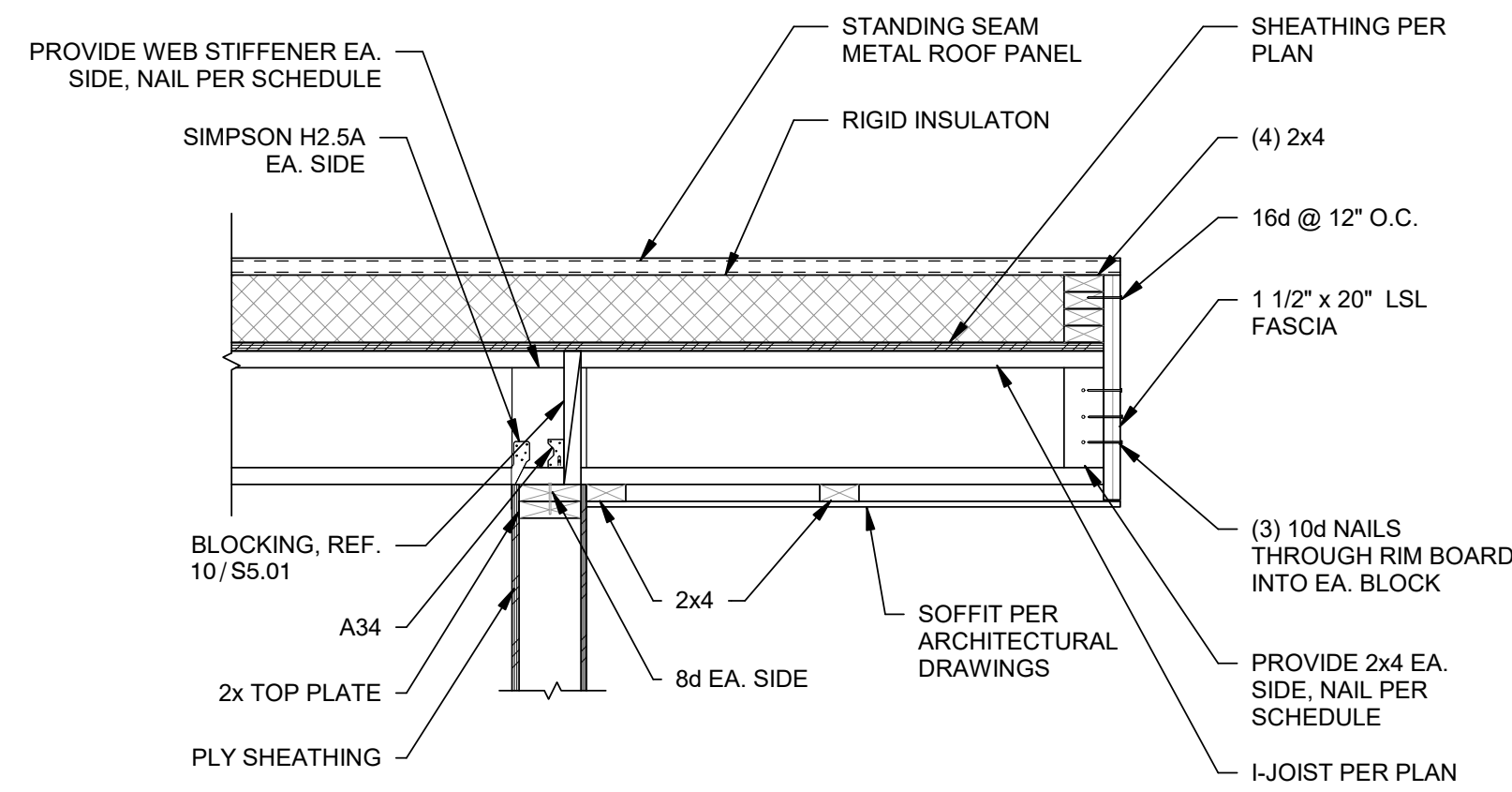
9 ROOF OVERHANG - DOUBLE OPEN WEB TRUSS
3/4" = 1'-0"

10 ROOF SHEATHING SPLICE
1 1/2" = 1'-0"

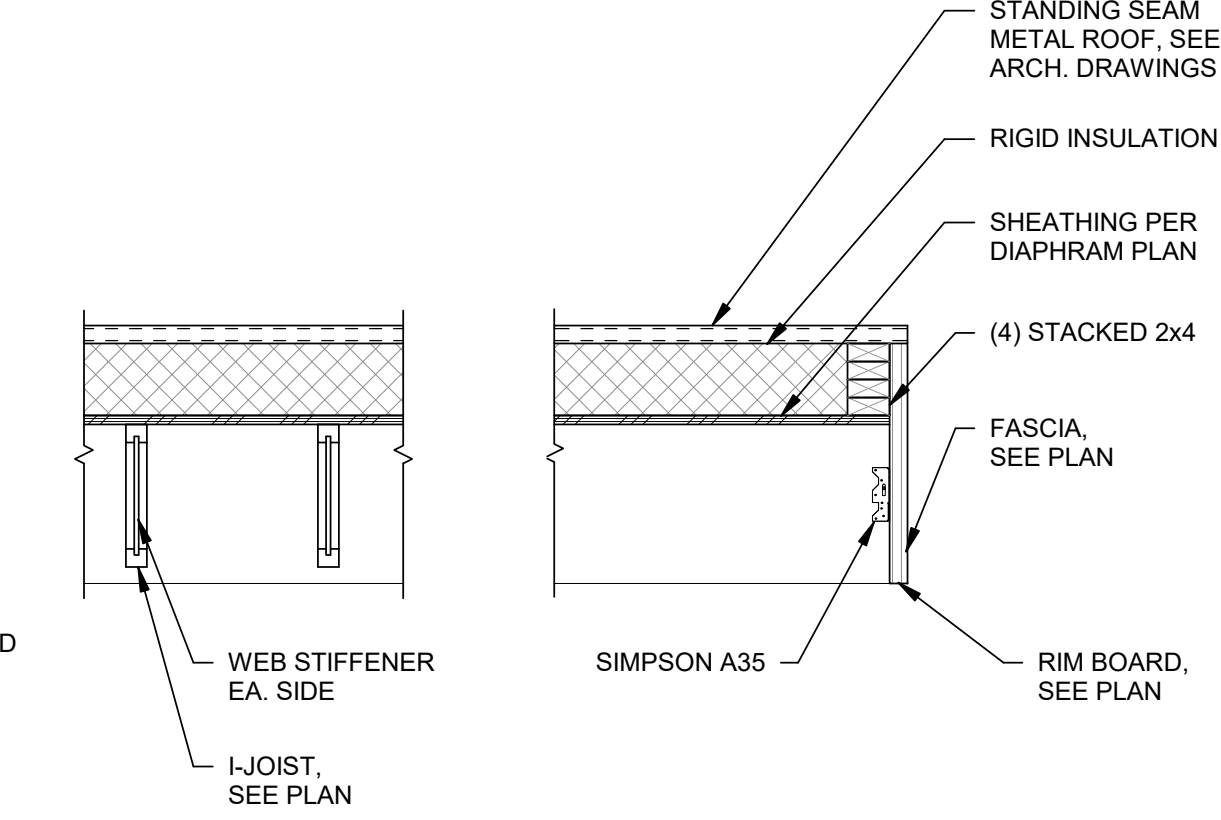
11 AREA C GLULAM DETAIL
3/4" = 1'-0"

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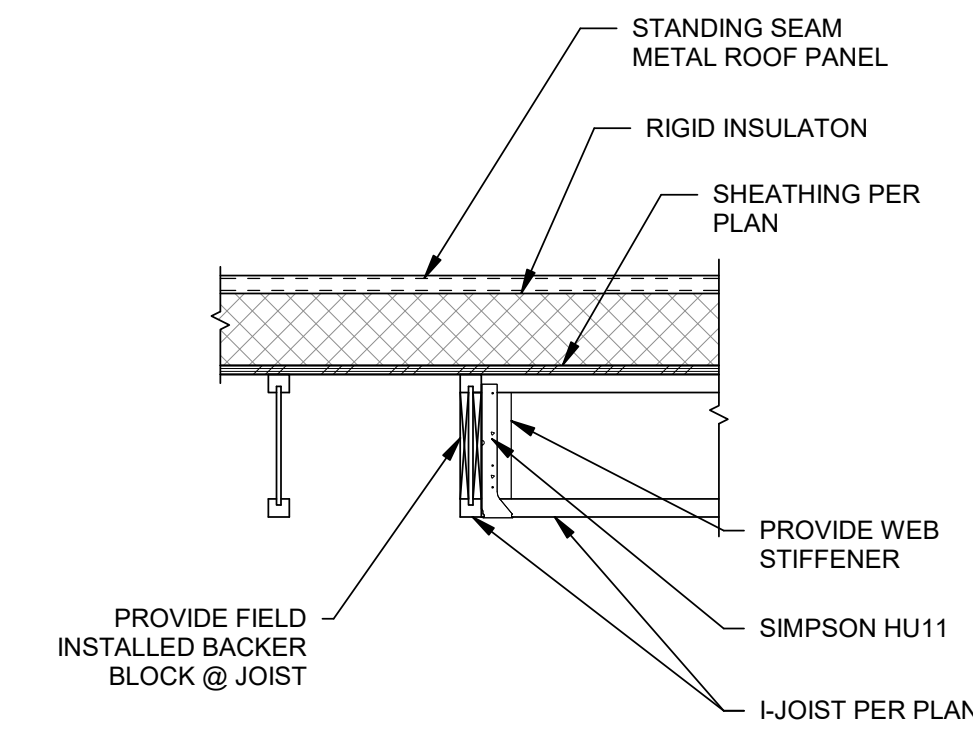
RED-I FRAMING MEMBER	RED-145	RED-190
MINIMUM WEB STIFFENER SIZE	5/8"x2 5/16"	2x4
NAILS	(3) 8d NAILS	(3) 16d NAILS



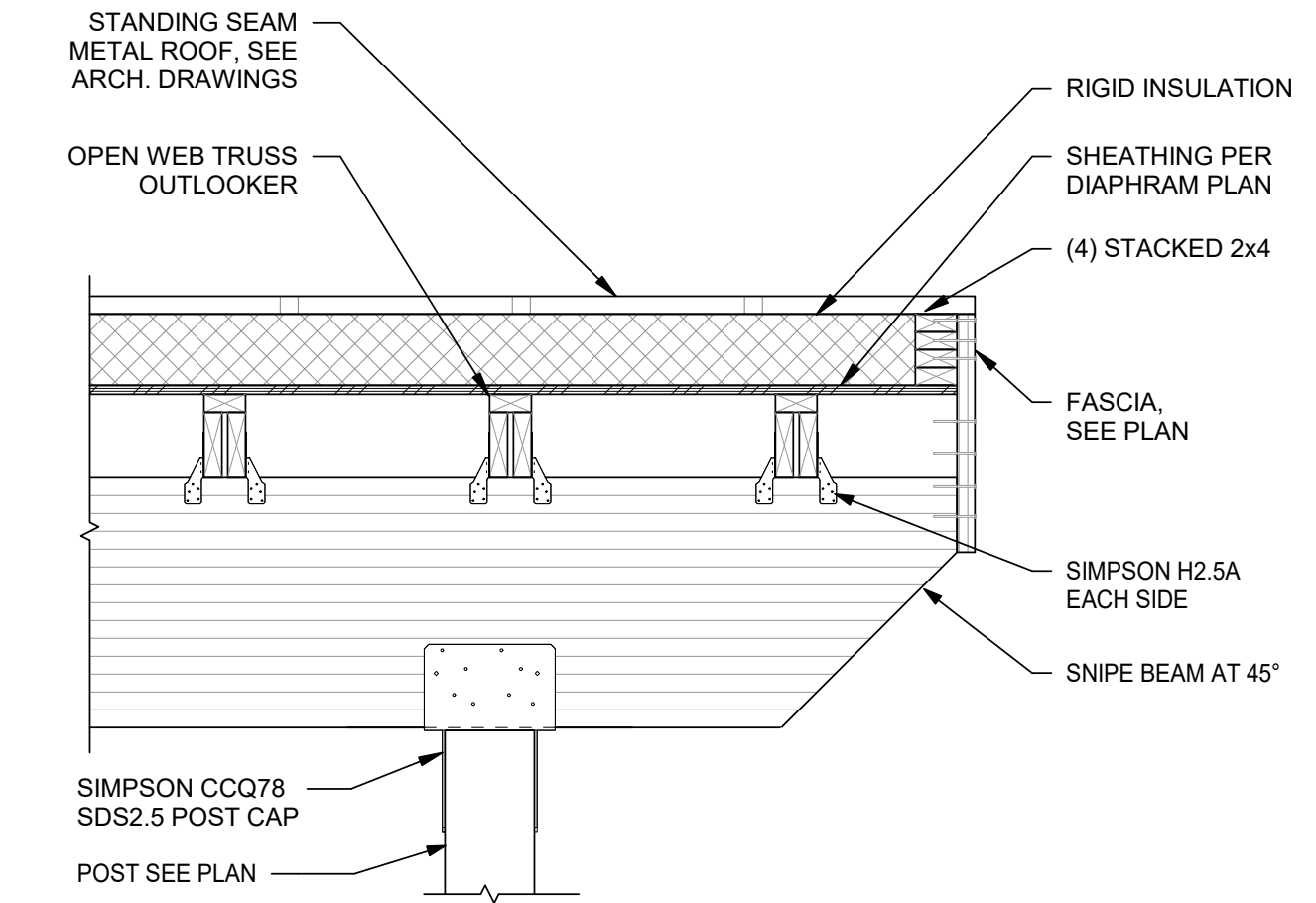
1 I-JOIST CANTILEVER
3/4" = 1'-0"



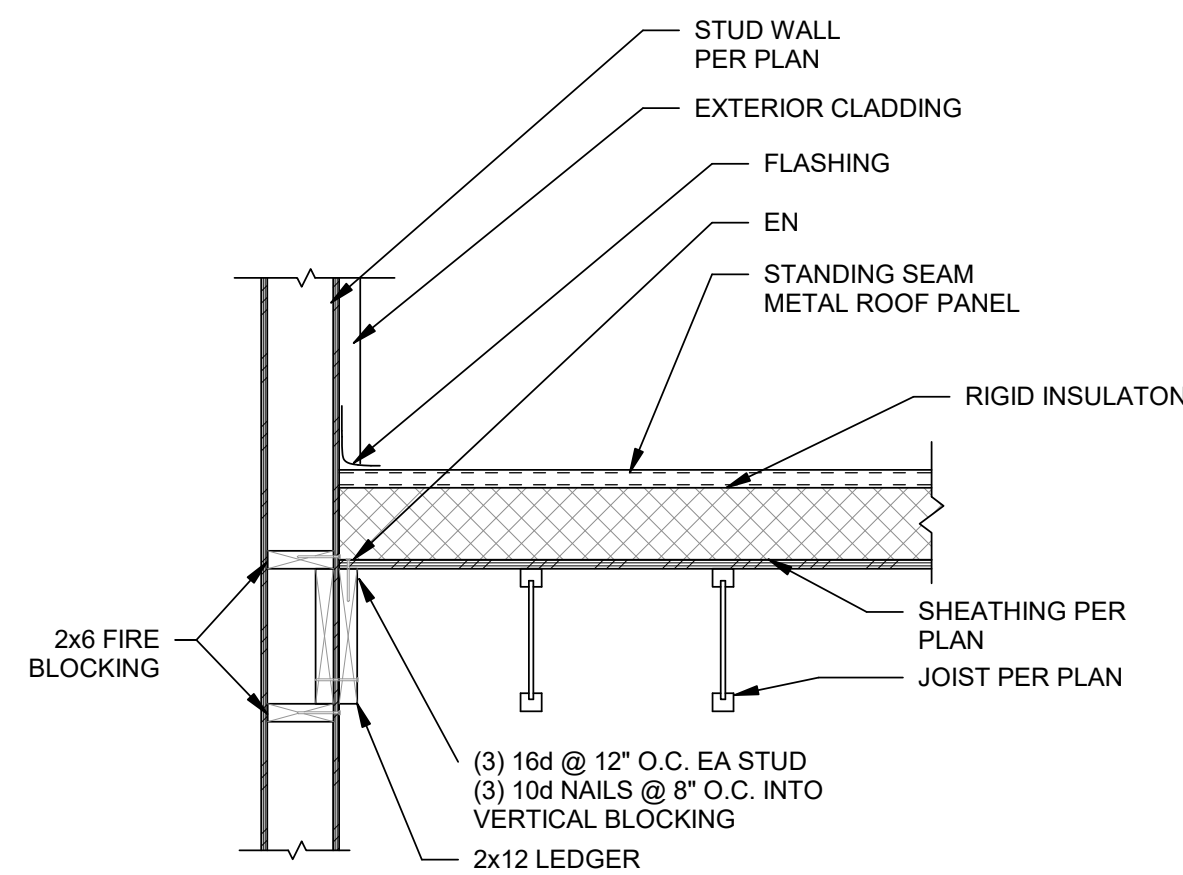
2 LSL CORNER W/ I-JOIST
3/4" = 1'-0"



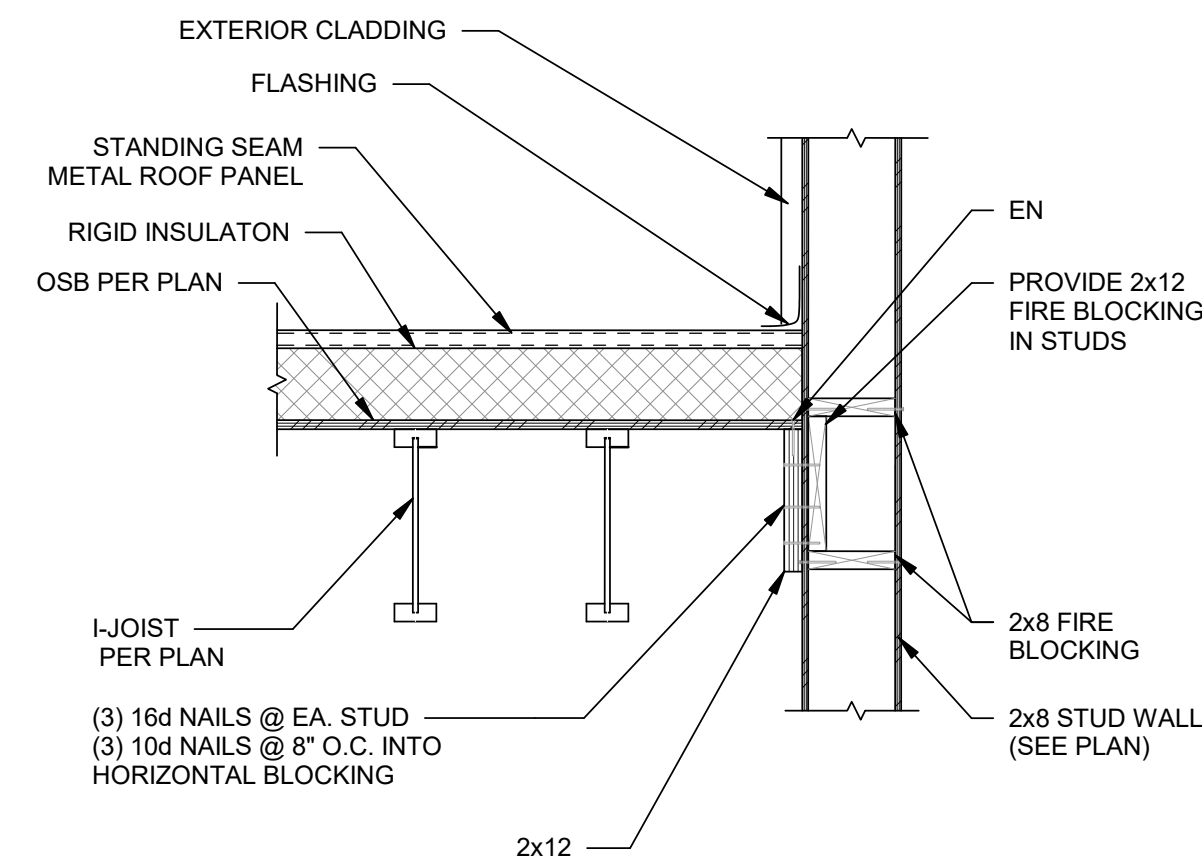
3 I-JOIST PERPENDICULAR CONNECTION
3/4" = 1'-0"



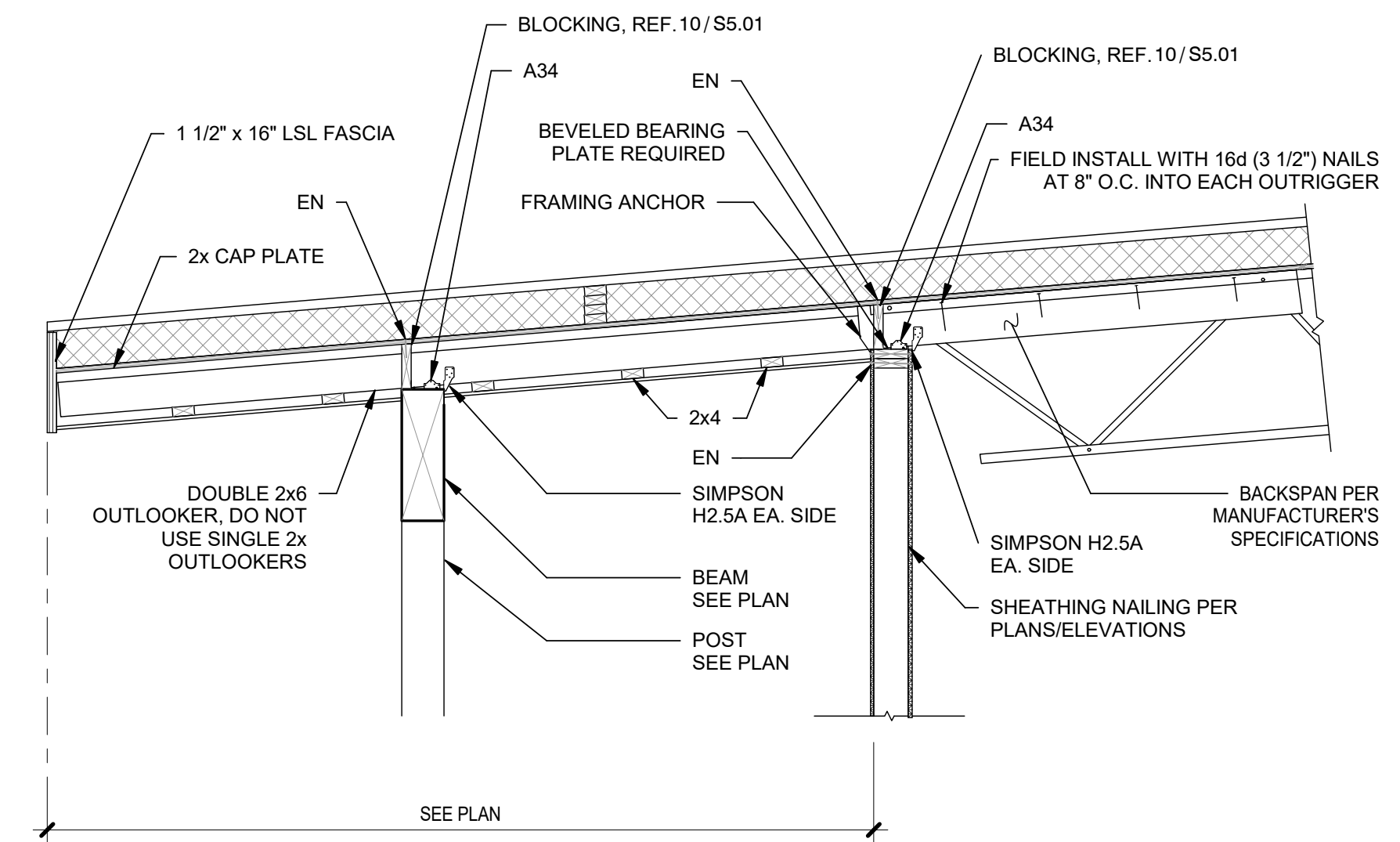
4 BEAM TO POST CONNECTION
3/4" = 1'-0"



5 AREA. C ROOF TO AREA B WALL
3/4" = 1'-0"



7 AREA D ROOF TO AREA A WALL
3/4" = 1'-0"



8 AREA BOUTLOOKERS @ GLULAM
1/2" = 1'-0"



Project

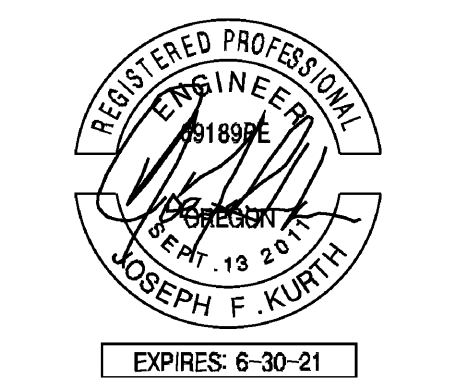
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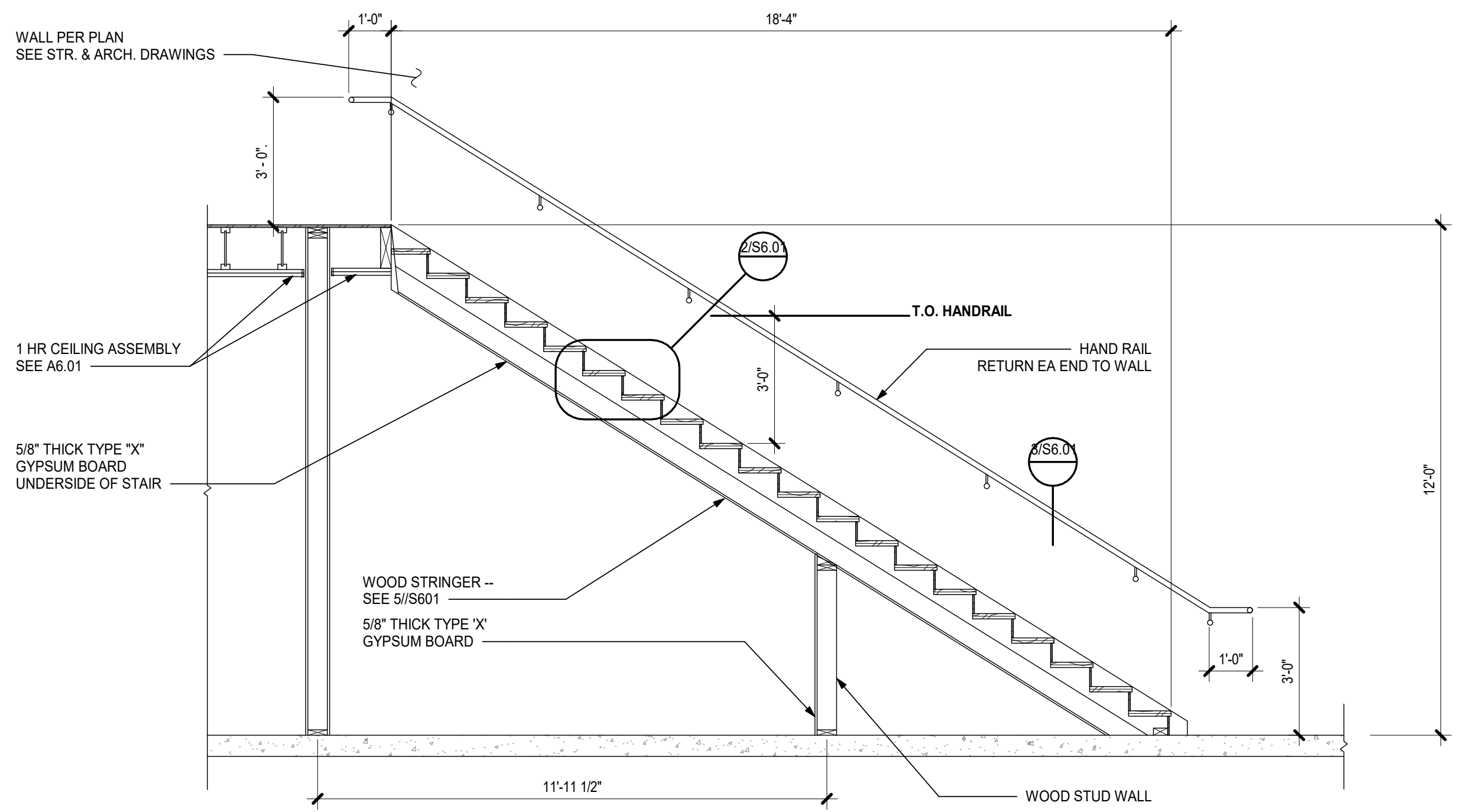
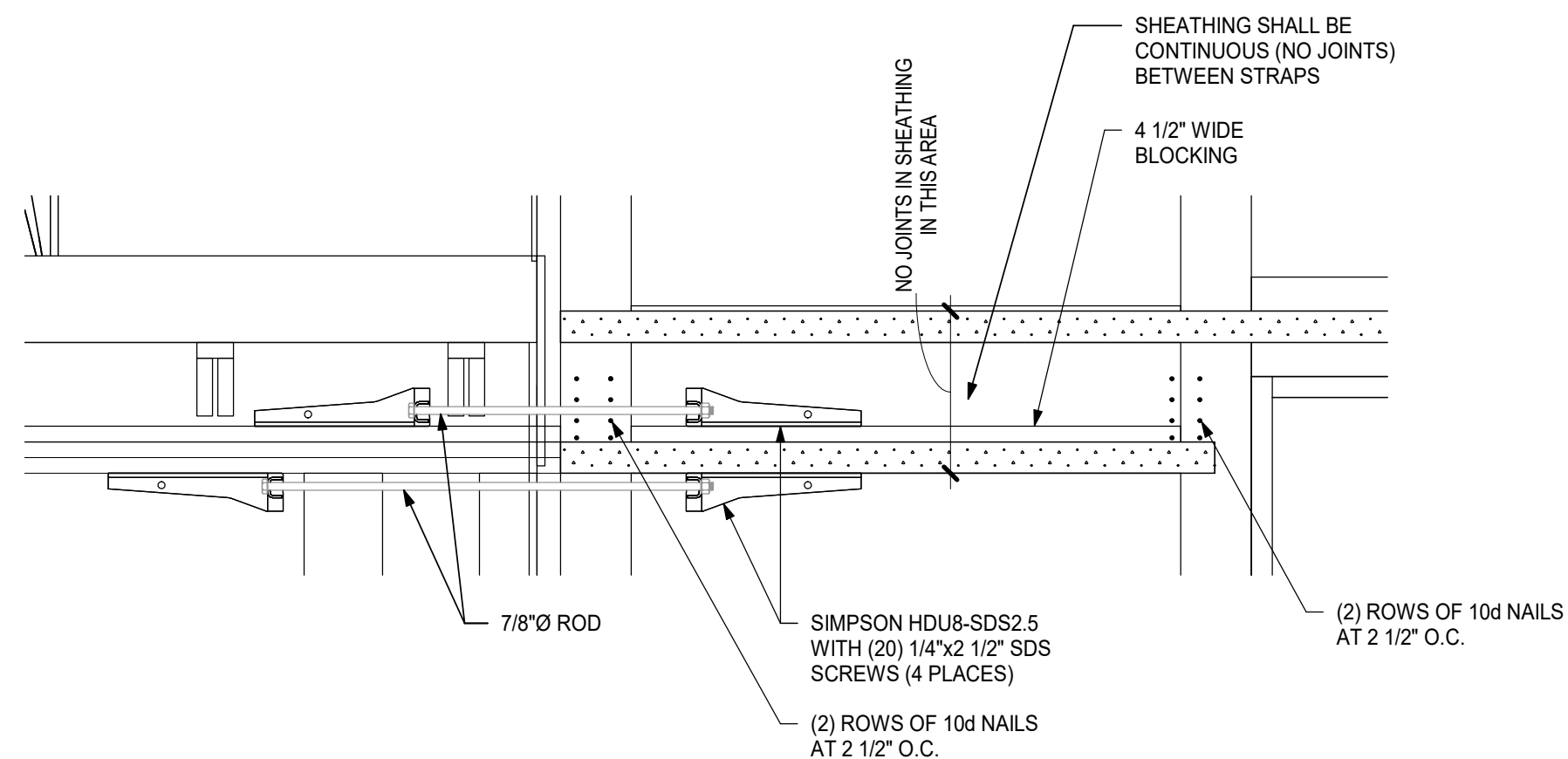
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FRAMING DETAILS

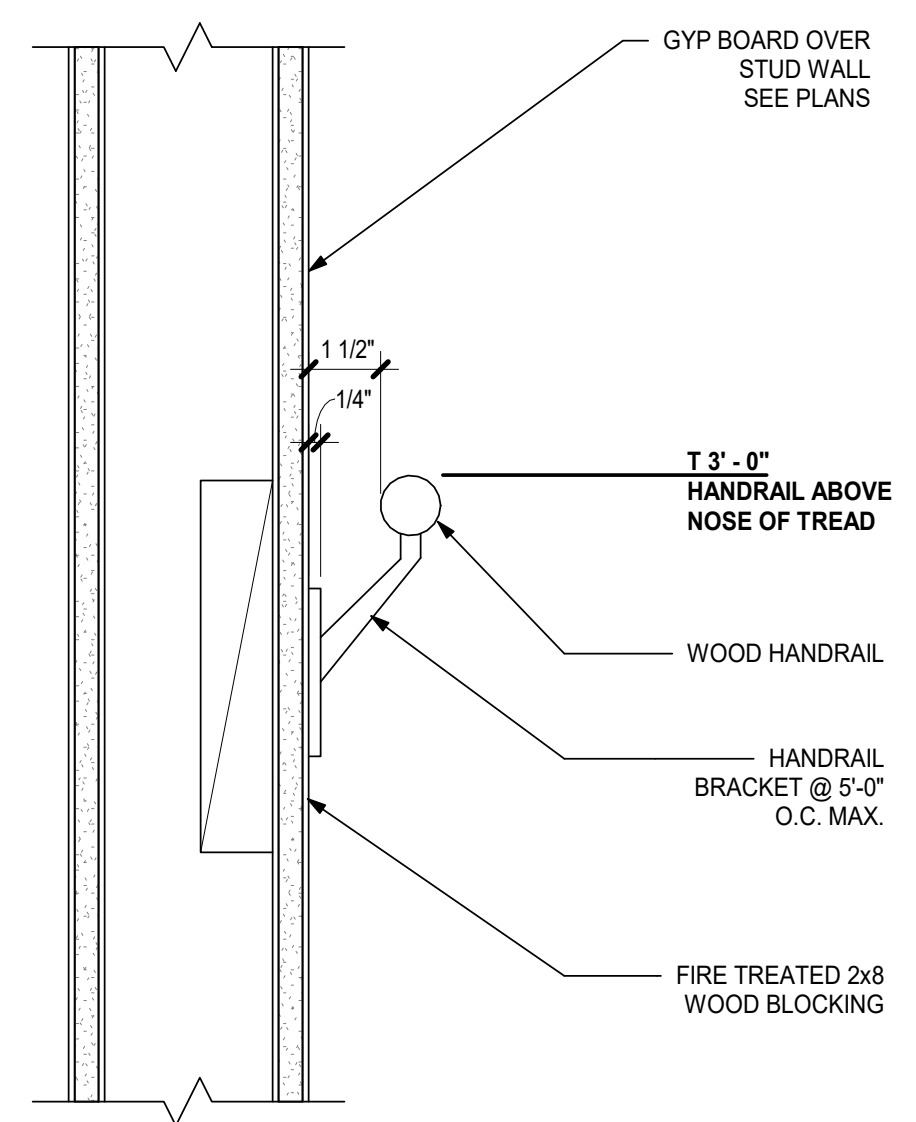
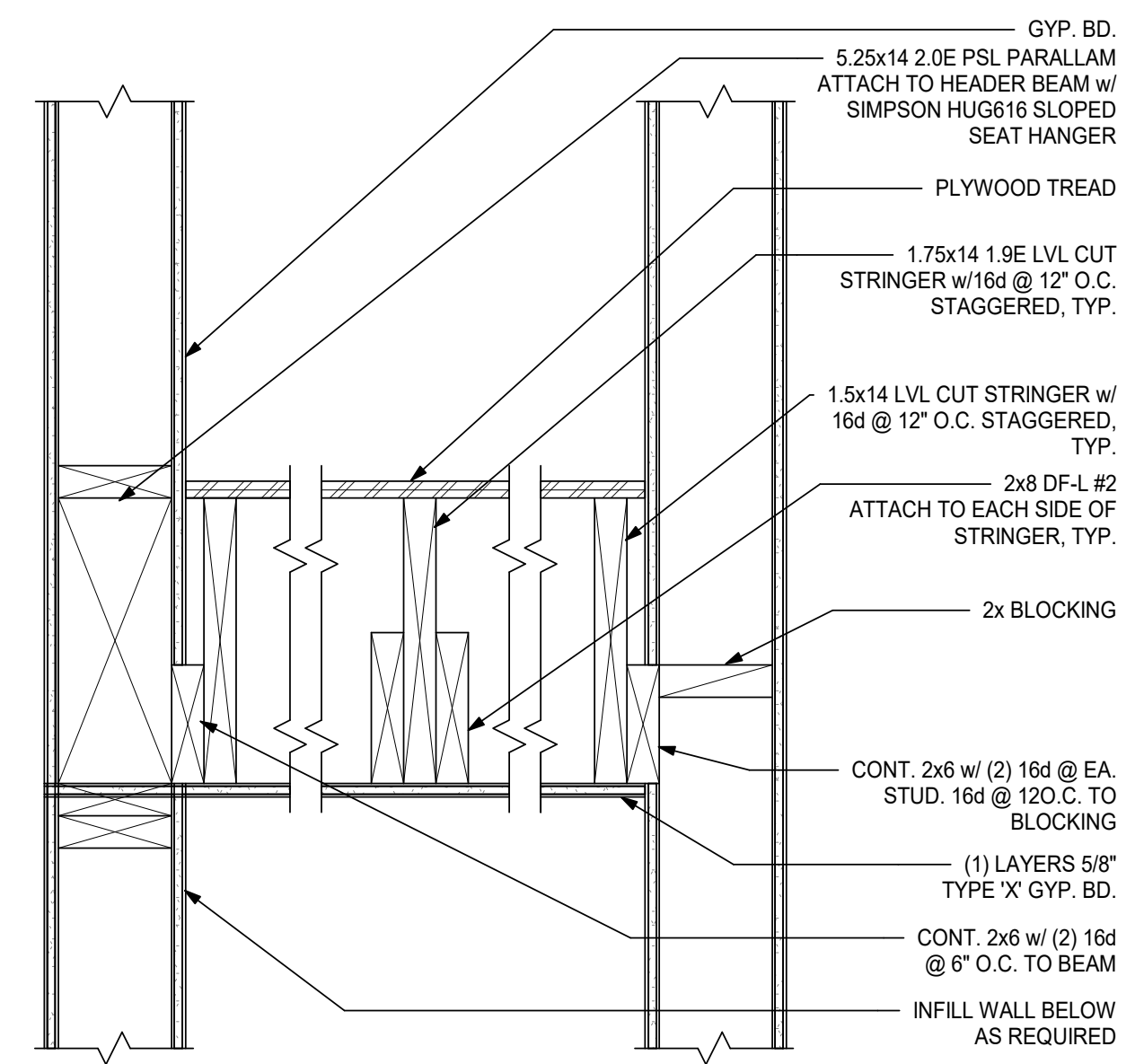
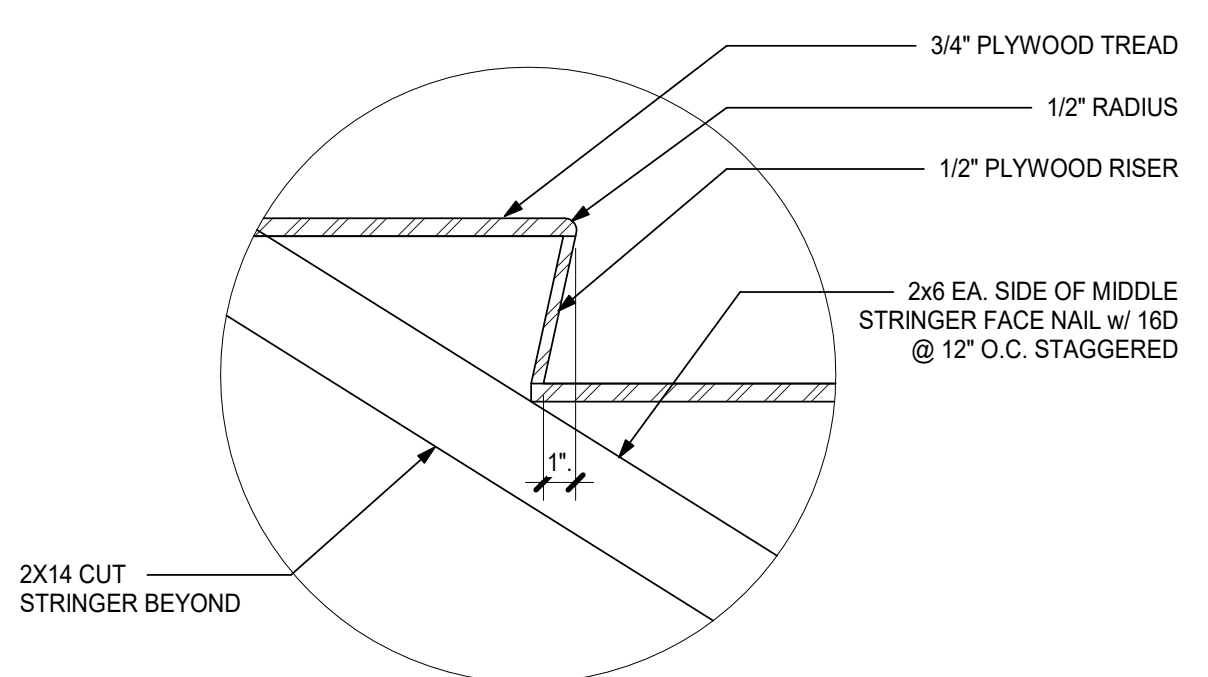
Sheet No

S5.03



1 WALL TIE @ GRID 6
3/4" = 1'-0"

2 STAIR PLAN AND SECTION
3/8" = 1'-0"



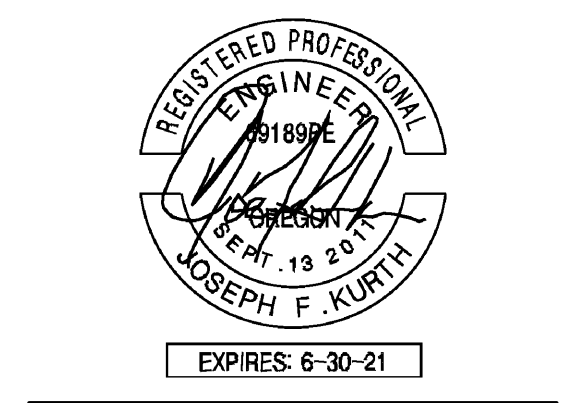
3 S5.04/03 WOOD STAIR TREAD & RISER
1 1/2" = 1'-0"

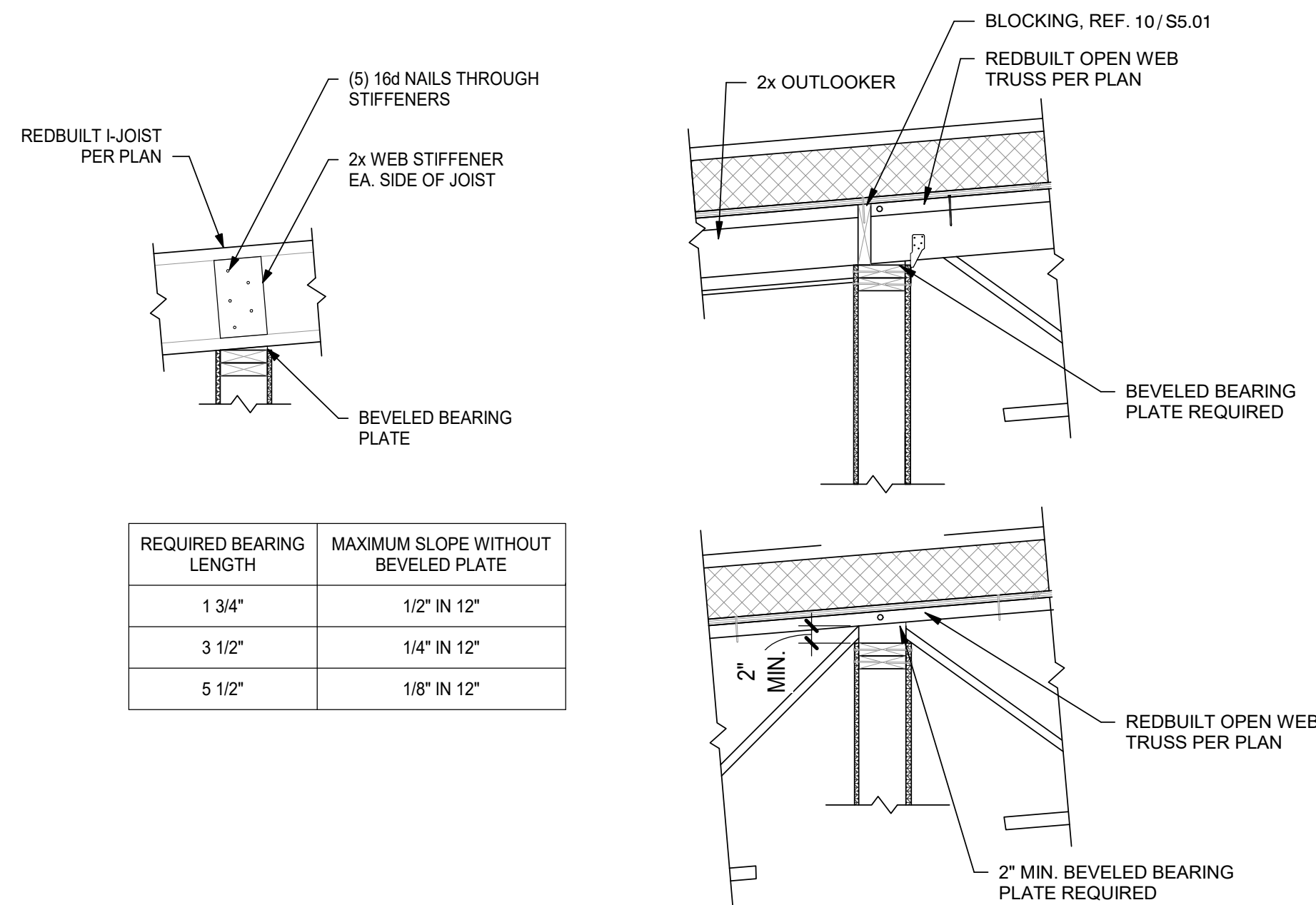
4 TYPICAL WOOD STRINGER
1 1/2" = 1'-0"

5 TYP WOOD HANDRAIL
3" = 1'-0"



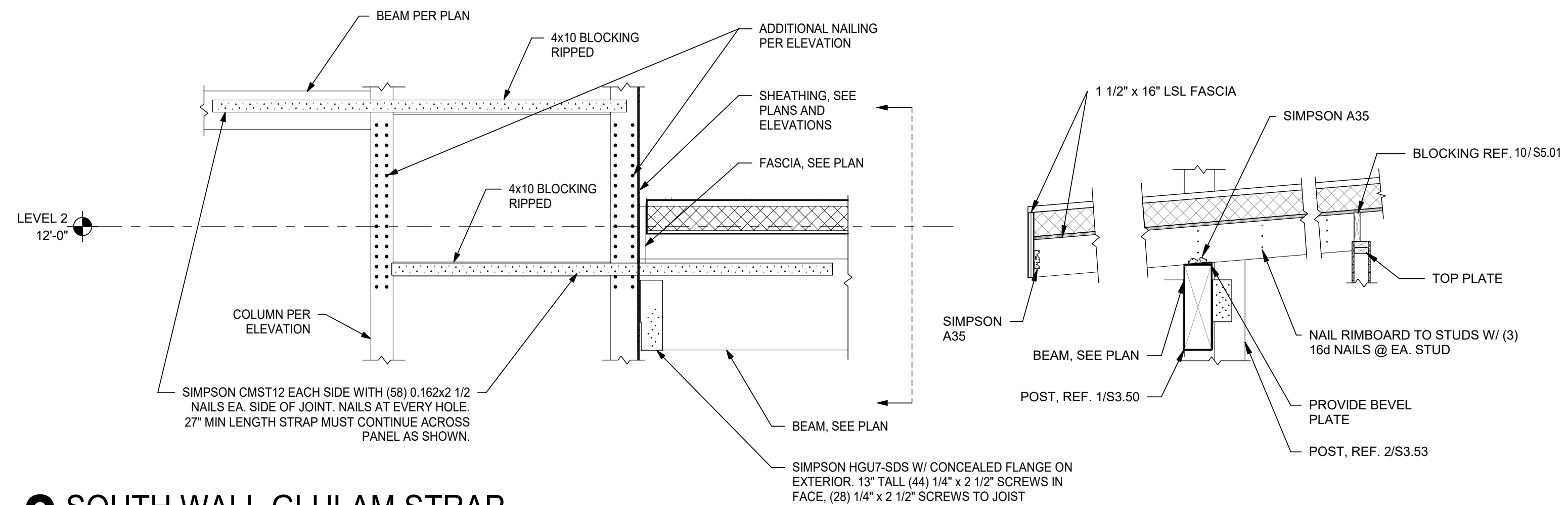
No.	Description	Date



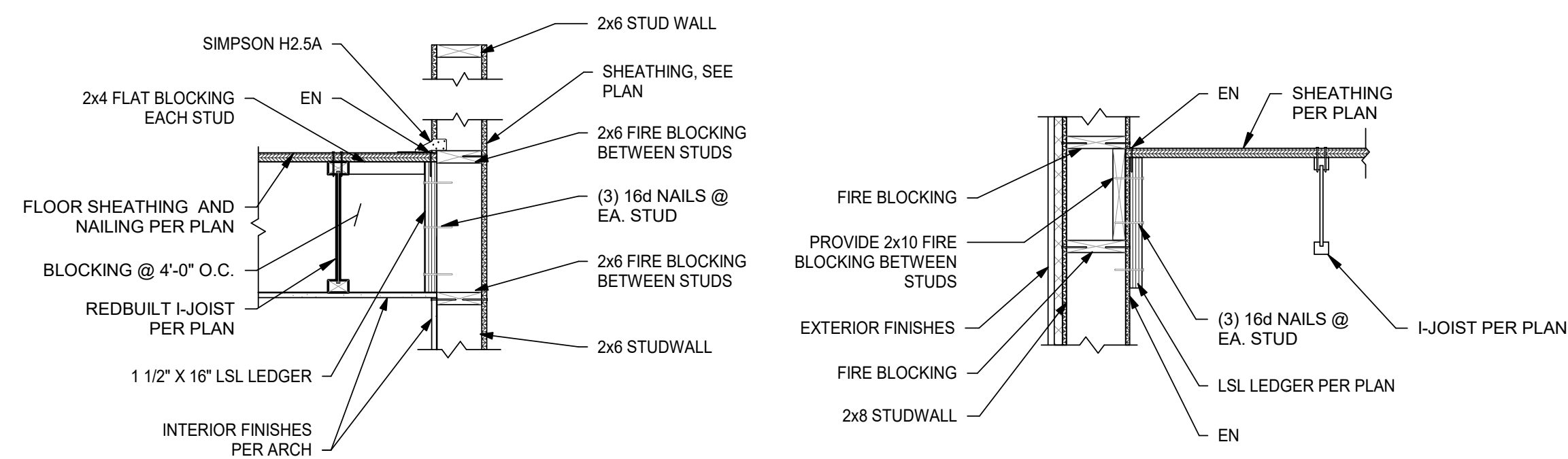


REQUIRED BEARING LENGTH	MAXIMUM SLOPE WITHOUT BEVELED PLATE
1 3/4"	1/2" IN 12"
3 1/2"	1/4" IN 12"
5 1/2"	1/8" IN 12"

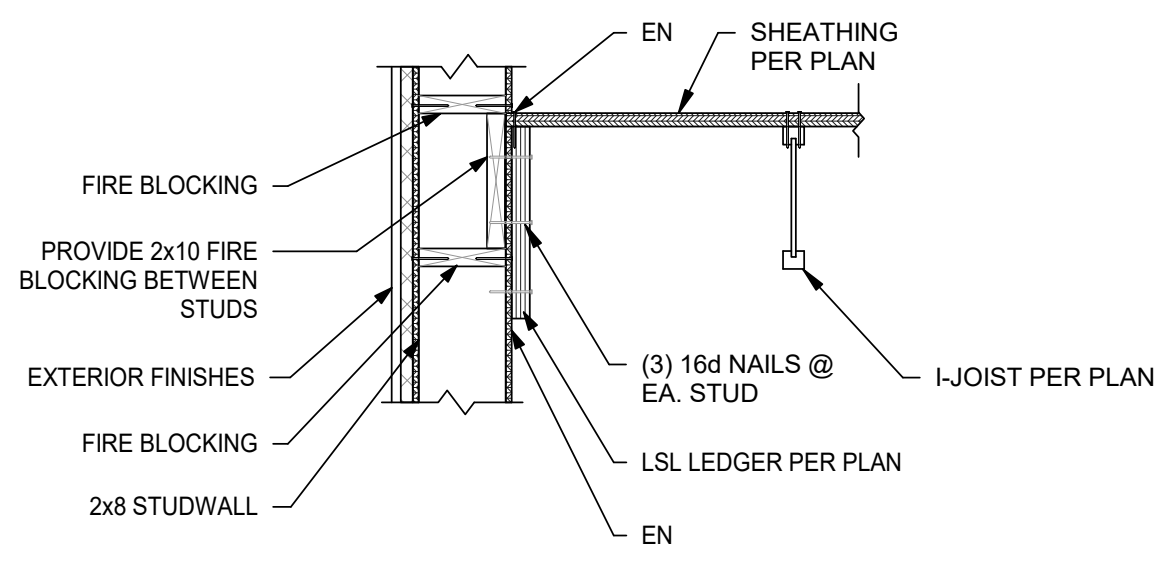
1 BEVEL PLATE REQUIREMENTS
3/4" = 1'-0"



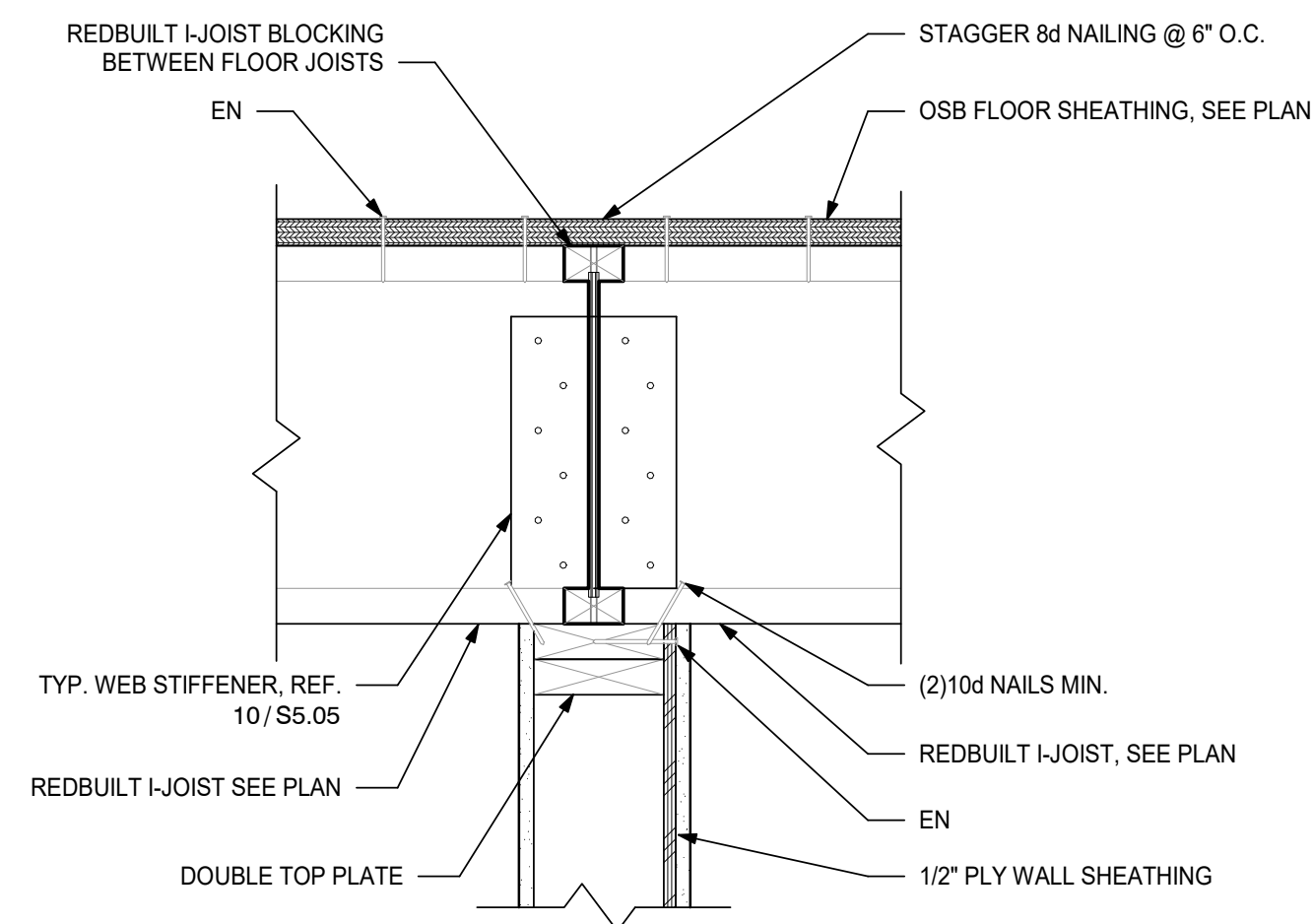
2 SOUTH WALL GLULAM STRAP
1/2" = 1'-0"



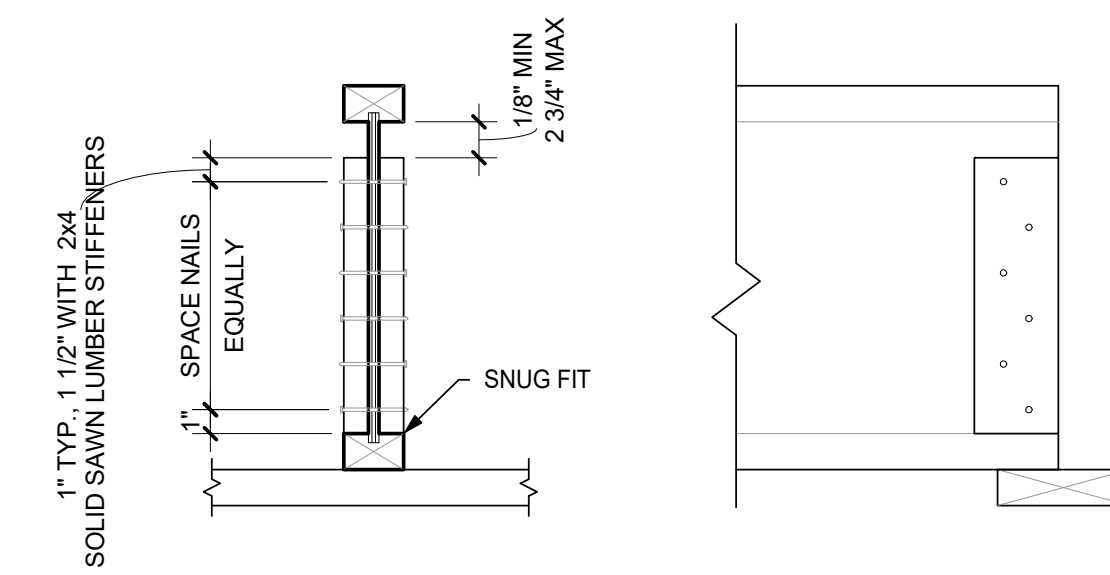
3 PARALLEL MEZZ. WALL
3/4" = 1'-0"



4 TYPICAL LEDGER
3/4" = 1'-0"



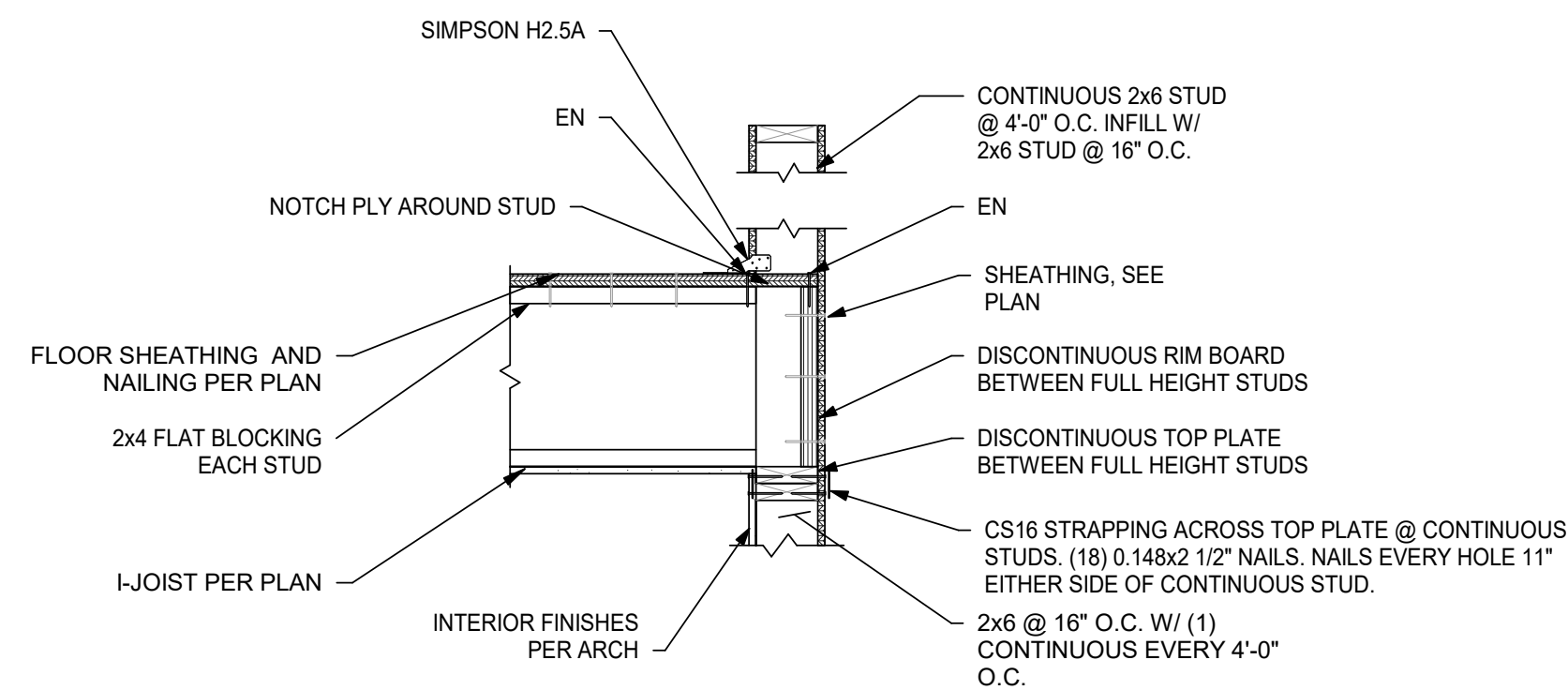
5 MEZZ. BEAMS TO TOP PLATE CONN.
1 1/2" = 1'-0"



JOIST DEPTH	NAIL QUANTITIES			
	RED-I45	RED-I65	RED-I90	
	8d (0.133"x2 1/2") NAILS		16d (0.135"x3 1/2") NAILS	
	END OR INTERMEDIATE	END OR INTERMEDIATE	END	INTERMEDIATE
11 7/8"	3	N/A	3	3
16"	N/A	6	N/A	N/A

NAILS MAY BE DRIVEN FROM ONE SIDE ONLY

10 I-JOIST TYP. WEB STIFFENER
1 1/2" = 1'-0"



7 PERPENDICULAR MEZZ. WALL
3/4" = 1'-0"

Millersburg Fire
Station 15
3215 Transition Parkway
Albany, OR 97321



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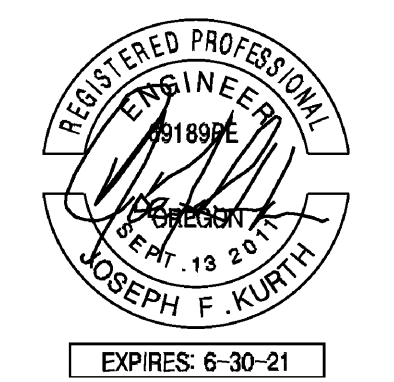
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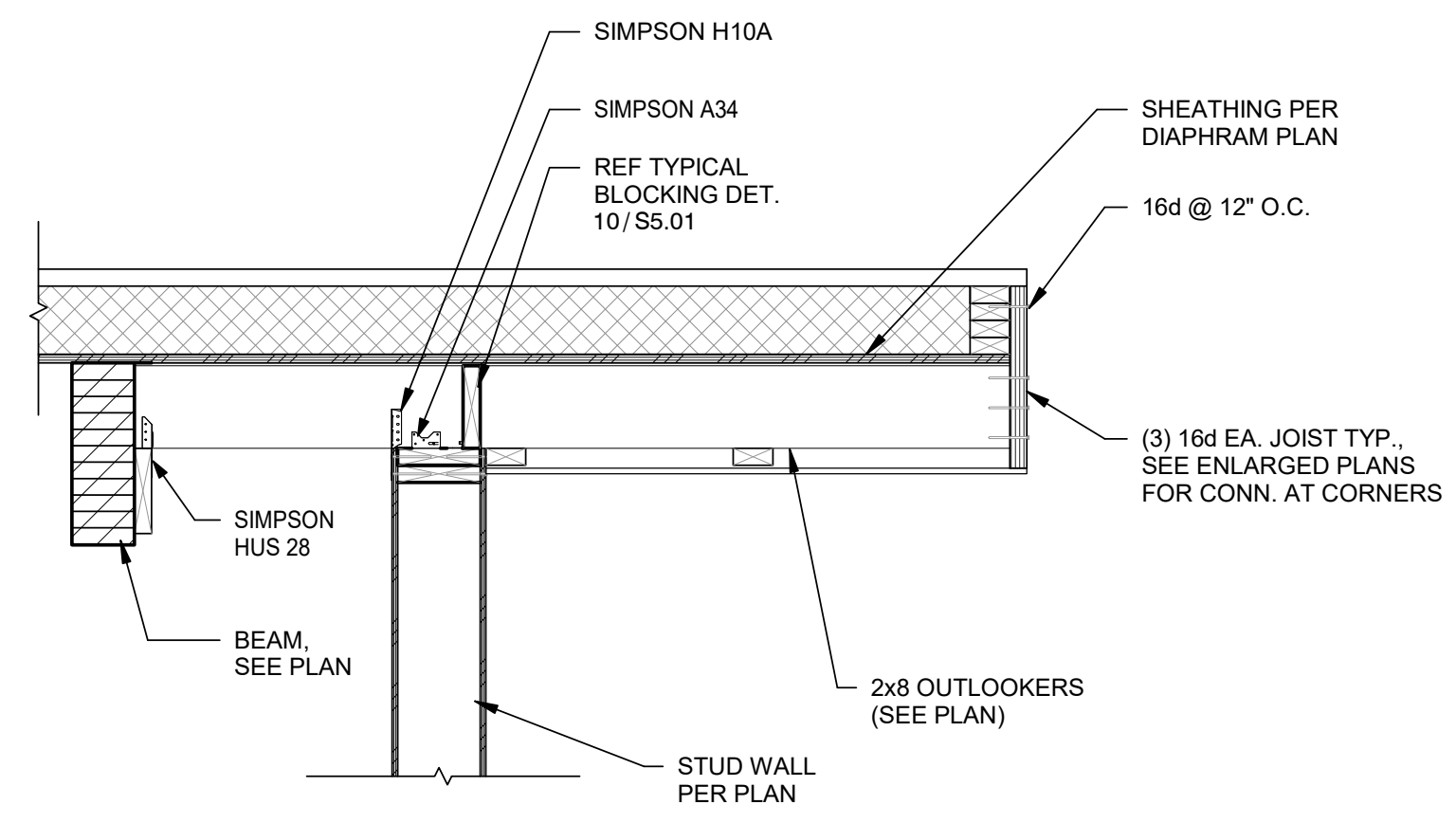
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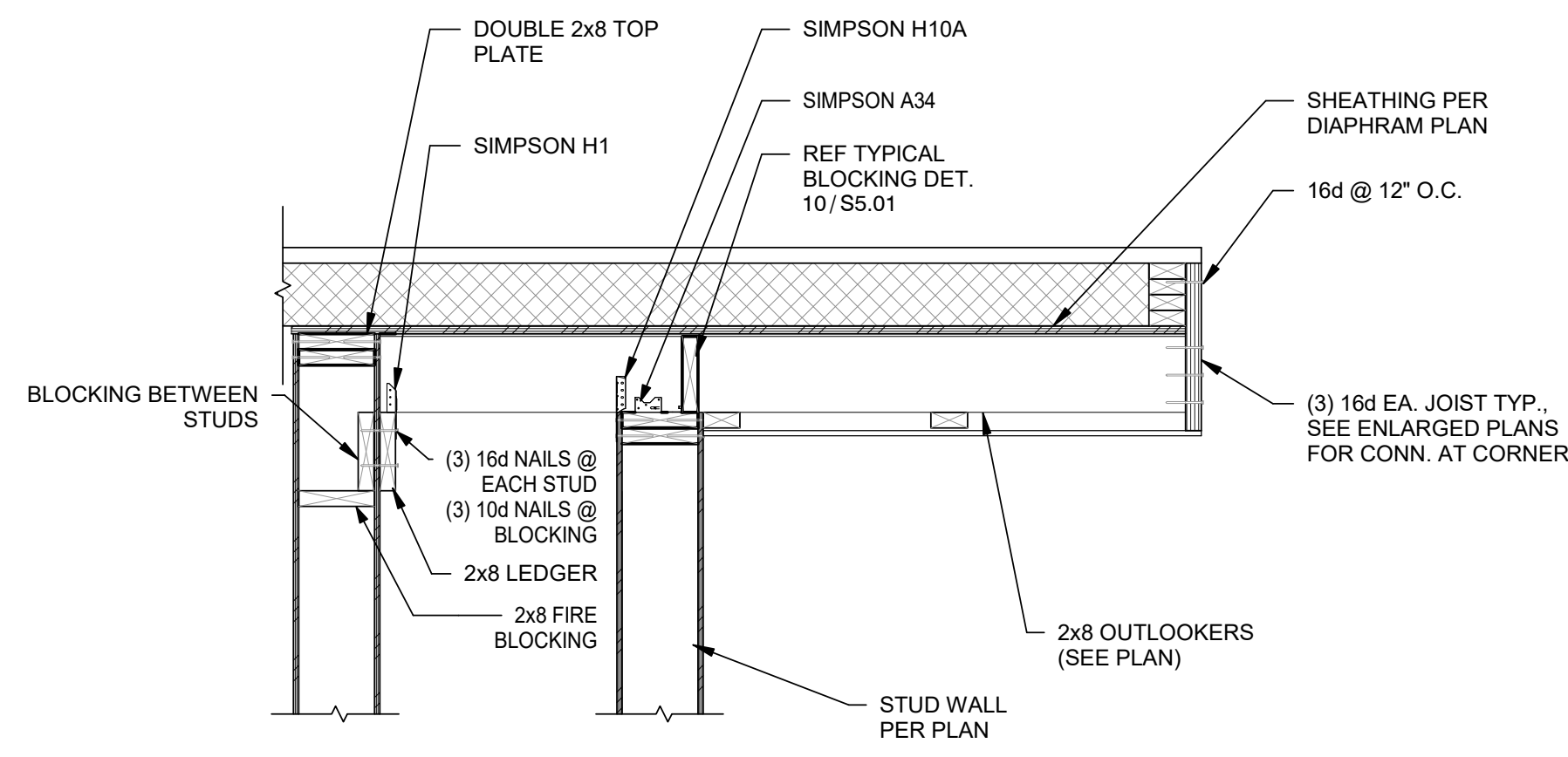
FRAMING DETAILS

Sheet No

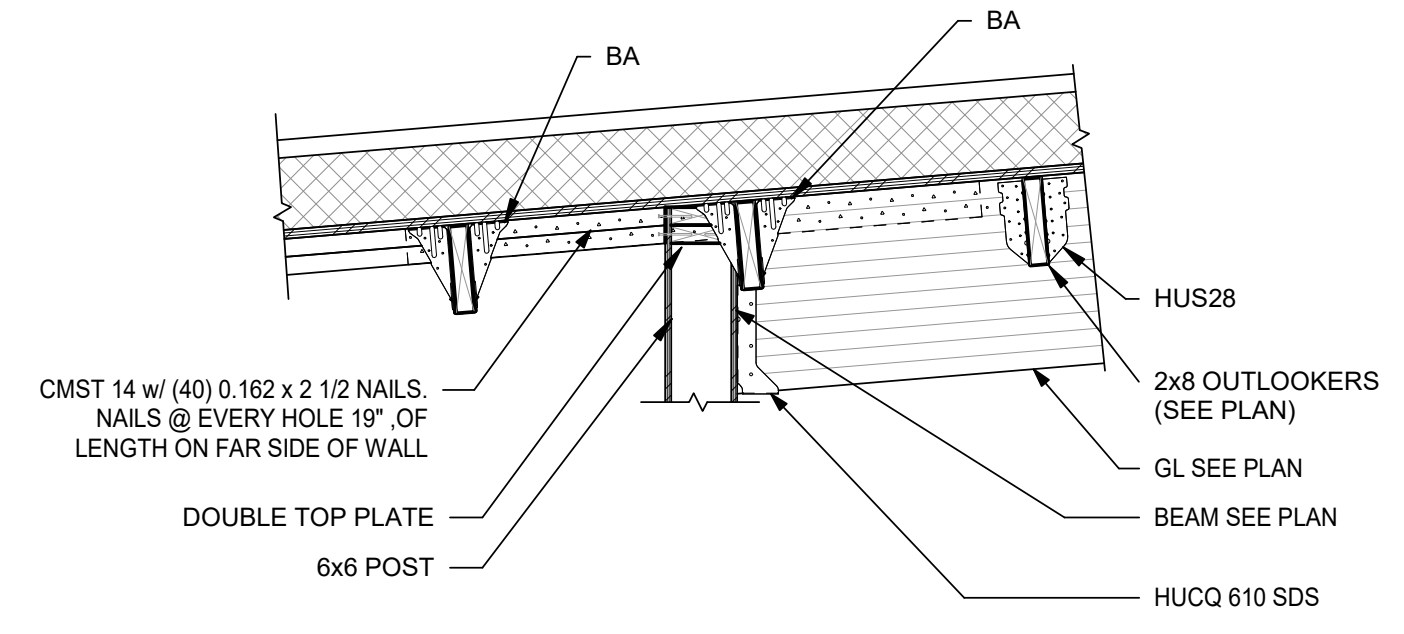
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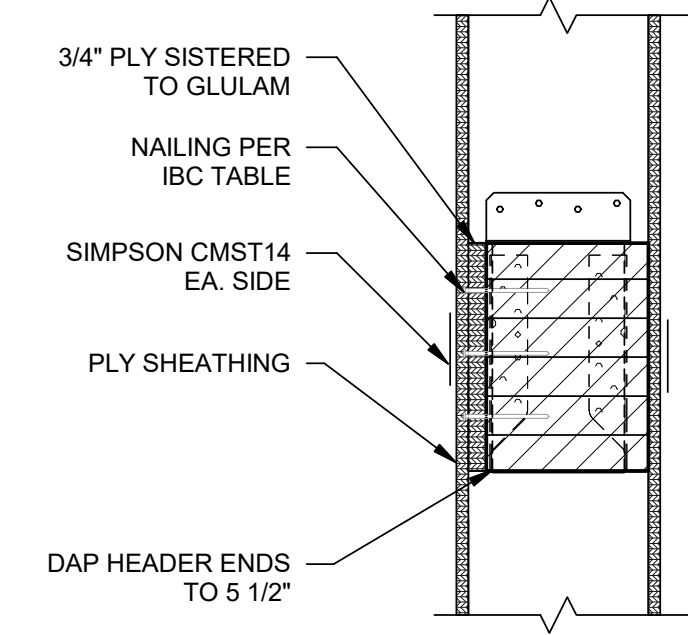
1 WALL CONNECTION TO GLULAM
3/4" = 1'-0"



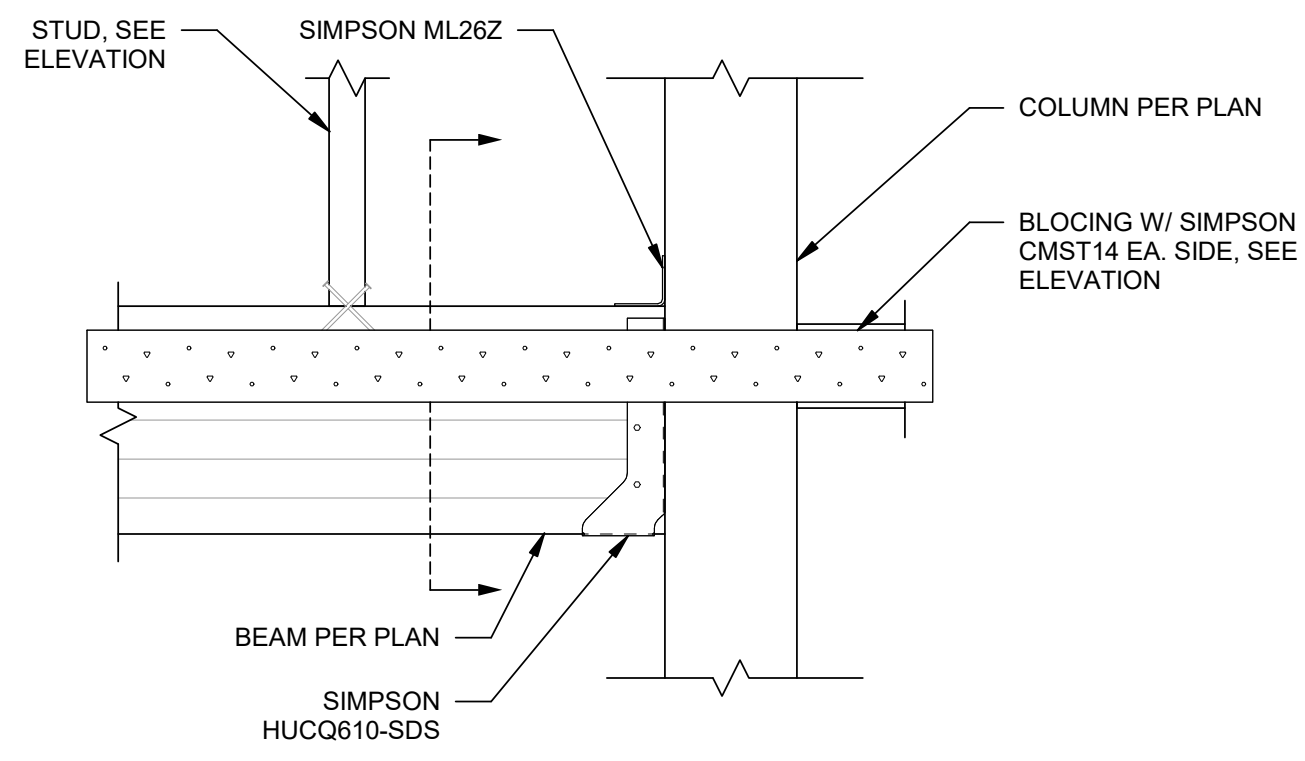
2 WALL TO WALL CONNECTION
3/4" = 1'-0"



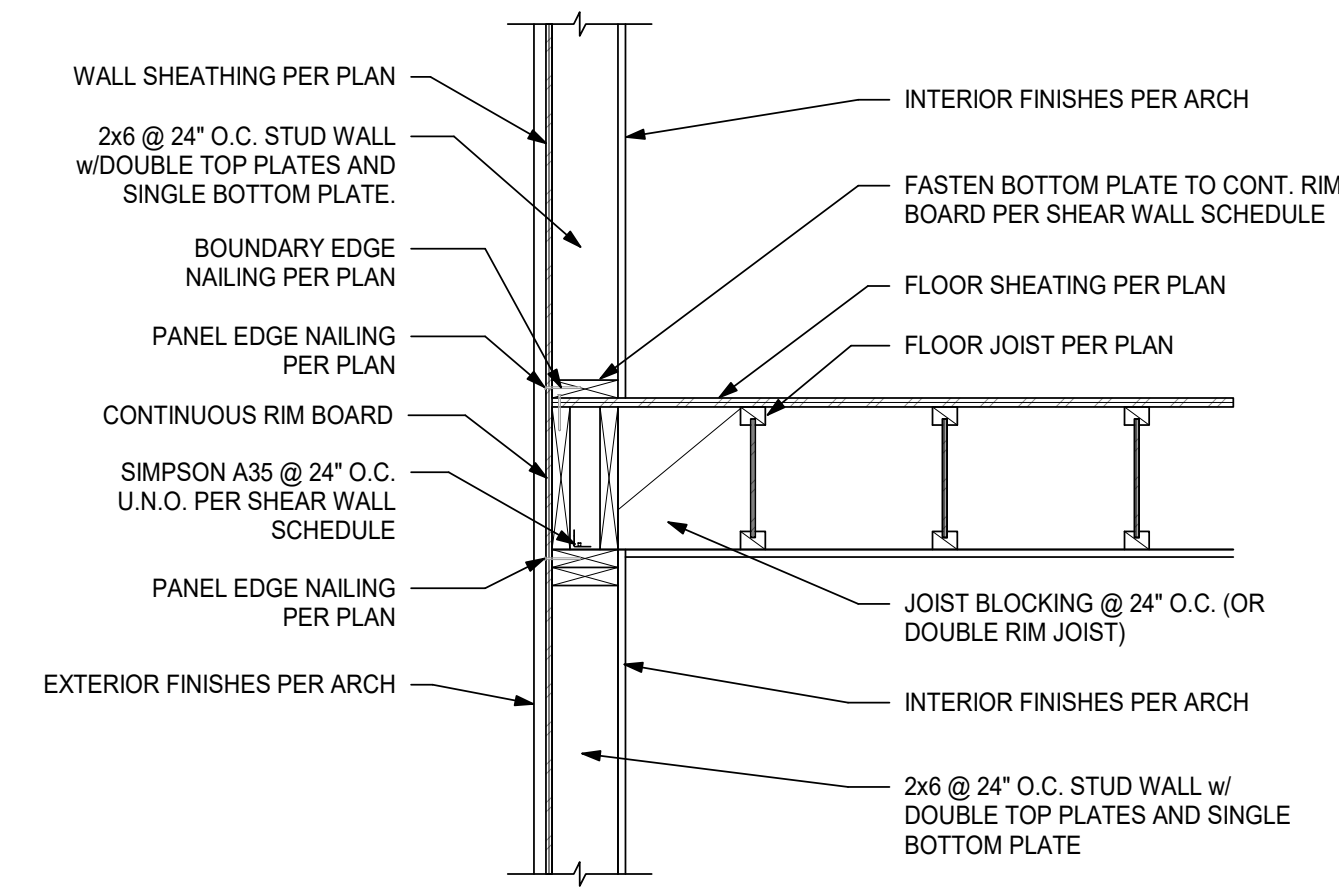
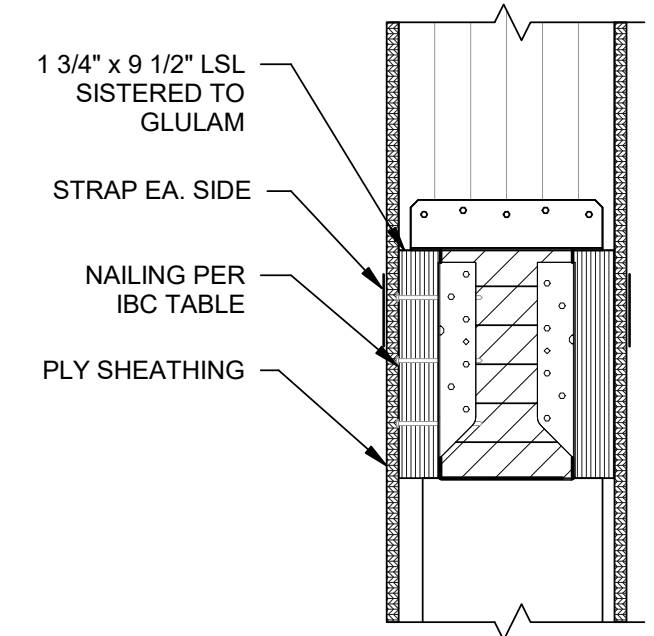
3 GLULAM TO WALL SECTION
3/4" = 1'-0"



4 SOUTH BAY HEADER
1 1/2" = 1'-0"



5 NORTH BAY HEADER
1 1/2" = 1'-0"

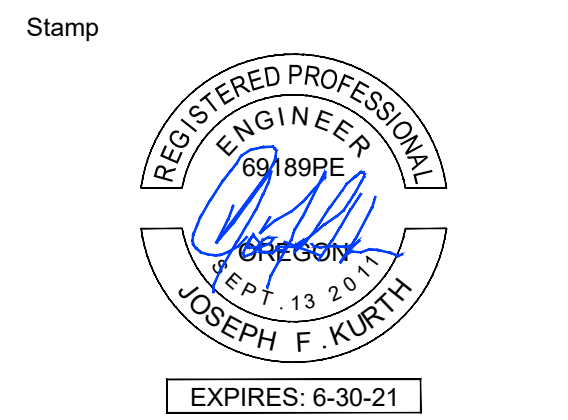


6 S4.06 JOIST PARALLEL TO WALL
3/4" = 1'-0"

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GENERAL NOTES

Sheet No
C0.10

MASTER CIVIL LEGEND:

LEGENDS ON INDIVIDUAL SHEETS GOVERN OVER THE ITEMS IN THE LEGEND LISTED BELOW

DEMO	EXISTING	NEW	
			CONCRETE
			DEFERRED PAVING
			GRAVEL PAVING
			HMAC PAVING - STANDARD
			HMAC PAVING - HEAVY
			LANDSCAPING
			RIP RAP
			STORMWATER POND
			CONVEYANCE SWALE
			EASEMENT - PER PLAN
			FENCING
			FIBER
			DATA, LOW VOLTAGE
			GRADE BREAK
			IRRIGATION
			NATURAL GAS / PROPANE
			POWER - BURIED
			POWER - OVERHEAD
			PROPERTY LINE
			SANITARY SEWER - GRAVITY
			STORM FOUNDATION DRAIN
			STORM SEWER - PRIVATE
			STORM SEWER - PRIVATE HIDDEN
			STORM SEWER - PUBLIC
			SURFACE CONTOUR - MAJOR (5 FT)
			SURFACE CONTOUR - MINOR (1 FT)
			TELEPHONE - BURIED
			WATER - POTABLE
			WATER - FIRE
			GRADE SPOT ELEVATION
			CONTROL MAGNAIL/PK NAIL
			CATCH BASIN
			BEEHIVE OVERFLOW
			ATRIUM DRAIN
			ROOF DRAIN CONNECTION POINT
			STORM DRAIN CLEANOUT
			STORM DRAIN MANHOLE
			SANITARY SEWER CLEANOUT
			SANITARY SEWER MANHOLE
			FIRE DEPARTMENT CONNECTION
			HYDRANT
			WATER VALVE
			WATER METER
			POWER POLE
			GUY WIRE
			POWER POLE WITH LIGHT
			POWER VAULT
			ON-SITE LIGHTING
			NATURAL GAS MARKER
			GAS VALVE
			GAS METER
			PHONE MANHOLE
			PHONE RISER
			BOLLARD PROTECTION
			CONCRETE CURB STOP
			DECIDUOUS TREE
			CONIFEROUS TREE
			SIGN (SHAPE VARIES)
			HANDICAP PARKING SYMBOL
			DIRECTIONAL ARROWS

ABBREVIATIONS:

AC	ASPHALT
APWA	AMERICAN PUBLIC WORKS ASSOCIATION
ASTM	AMERICAN STANDARD TEST METHOD
BOC	BOTTOM OF CURB
BOS	BOTTOM OF STAIR
CMP	CORRUGATED METAL PIPE
CONC	CONCRETE
DWG	DRAWING
(E)	EXISTING
EG	EXISTING GRADE
FG	FINISHED GRADE
GC	GENERAL CONTRACTOR
GRD	GROUND
GRVL	GRAVEL
HDPE	HIGH-DENSITY POLYETHYLENE
IE	INVERT ELEVATION
MAX	MAXIMUM
MIN	MINIMUM
NGVD	NORTH GEODETIC VERTICAL DATUM
REQD	REQUIRED
ROW	RIGHT-OF-WAY
STD	STANDARD
T/base	TOP OF BASEROCK LAYER
T/sub	TOP OF SUBGRADE LAYER
TBC	TOP BACK OF CURB
TOS	TOP OF STAIR
TYP	TYPICAL

SITE PREPARATION NOTES:

CLEARING & GRUBBING -

- REFER TO STRUCTURAL (FOUNDATION) PLANS FOR SPECIFIC SOIL EXCAVATION & BACKFILL REQUIREMENTS WITHIN BUILDING FOOTPRINT(S).
- ALL AREAS BELOW ROADWAYS, PARKING AND WALKWAYS SHALL BE CLEARED AND GRUBBED OF ALL PAVEMENT, FOREIGN MATTER, DEBRIS, ORGANIC AND DISTURBED MATERIAL, U.N.O. STRIPPING DEPTHS ACROSS THE SITE WILL VARY DEPENDING ON LOCATION AND PAVEMENT SECTION REQUIREMENTS. ALL EXPOSED MATERIAL SHALL BE MOISTURE CONDITIONED TO WITHIN 2% OF OPTIMUM.
- ALL CLEARED AND GRUBBED MATERIAL SHALL BE REMOVED FROM SITE. GC SHALL COORDINATE AN APPROVED DISPOSAL LOCATION.
- ALL AREAS WITH ABANDONED UTILITY LINES, STORM DRAINS, UNDERGROUND TANKS, ETC. WHICH PROVIDE VOID SPACE BENEATH THE SURFACE SHALL BE LOCATED AND REMOVED PRIOR TO SITE GRADING.
- ALL HOLES, DEPRESSIONS, AND UNDISTURBED NATIVE MATERIAL SHALL BE CLEARED OF ALL LOOSE AND ORGANIC MATERIAL THEN BACKFILLED AND COMPACTED WITH APPROVED STRUCTURAL FILL.
- AFTER CLEARING THE ABOVE MENTIONED AREAS, ALL EXPOSED SUB-GRADE SHALL BE PROOF ROLLED WITH A DUMP TRUCK FULLY LOADED WITH ROCK. SOILS SHALL BE REMOVED AND RE-COMPACTED OR REPLACED WITH IMPORTED APPROVED STRUCTURAL FILL IF THEY DO NOT DEMONSTRATE A FIRM, UNYIELDING CONDITION. GEOTECHNICAL ENGINEER SHALL APPROVE SUB-GRADE SURFACE PRIOR TO STRUCTURAL FILL IMPORT EXPLAINED BELOW.

STRUCTURAL FILL PLACEMENT & COMPACTION -

- APPROVED STRUCTURAL FILL SHALL BE PLACED BENEATH AREAS RECEIVING ASPHALT AND/OR CONCRETE PAVEMENT.
- STRUCTURAL FILL SHALL BE APPROVED BY GEOTECHNICAL ENGINEER PER THE REPORT RECOMMENDATIONS AND CITY OF MILLERSBURG SPECIFICATIONS. ALL FILL SHALL BE FREE OF ORGANIC AND EXPANSIVE CLAY MATERIAL.
- PLACEMENT LIFTS TO BE DETERMINED BY GEOTECHNICAL ENGINEER BASED ON MATERIAL PROPERTIES OF STRUCTURAL FILL CHOSEN AND TYPE OF COMPACTION EQUIPMENT USED. BASE ROCK PLACEMENT LIFTS SHALL NOT EXCEED 8". EACH LIFT SHALL BE NEARLY EQUAL IN THICKNESS AND COMPACTED TO A MINIMUM OF 95% OF ASTM D 1557. FILLS SHALL BE PLACED AT OR SLIGHTLY ABOVE THEIR OPTIMUM MOISTURE CONTENT.
- ALL UTILITY TRENCH BACK FILL SHALL CONFORM TO CURRENT JURISDICTIONAL PUBLIC WORKS SPECIFICATIONS FOR CONSTRUCTION AND THE PROJECT GEOTECHNICAL INVESTIGATION REPORT. CONTACT CIVIL ENGINEER OF RECORD IN THE EVENT OF A CONFLICT.
- IN ADDITION TO THE ABOVE, ALL SITE PREPARATION AND SUBSURFACE WORK SHALL CONFORM TO THE PROJECT GEOTECHNICAL INVESTIGATION REPORT AS PREPARED BY PBS ENGINEERING AND ENVIRONMENTAL, INC.

EROSION CONTROL NOTE:

THE 1200C PLAN SHEETS FOR THIS SITE CONTAIN AN EROSION AND SEDIMENT CONTROL PLAN THAT MUST BE IMPLEMENTED AT THE START OF THIS PROJECT. THE INFORMATION CONTAINED WITHIN THE REFERENCED PLAN SHEETS SHALL BE CONSIDERED A MINIMUM AND SHALL BE MODIFIED AS REQUIRED BY THE CONTRACTOR & CITY INSPECTOR, TO CONTAIN ALL SEDIMENT ON SITE. SPECIAL ATTENTION SHALL BE TAKEN AT ALL EXISTING STORM DRAIN CATCH BASINS AND STORM DRAIN CHANNELS AS TO ELIMINATE ANY SEDIMENT TRANSFER INTO THE EXISTING STORM DRAIN SYSTEM.

AN ALL WEATHER ROCK SURFACE SHALL BE PROVIDED AT ALL CONSTRUCTION SITE ENTRANCES. GC MAY ELECT TO USE (E) GRAVEL PAVING, AC PAVING, ETC. (IF ACCEPTABLE TO CITY INSPECTOR). ALL CONSTRUCTION SHALL BE MAINTAINED WITHIN THE DEVELOPMENT LIMITS OF THIS PHASE. REFER TO EROSION CONTROL SHEET FOR ADDITIONAL INFORMATION.

UTILITY STATEMENT:

EXISTING UNDERGROUND UTILITIES ILLUSTRATED IN THESE PLANS HAVE BEEN LOCATED BY A UTILITY LOCATE COMPANY. LAYOUT INDICATED IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. ALL LINES WITHIN PROJECTED WORK ZONE SHALL BE FIELD VERIFIED AS REQ'D PRIOR TO CONSTRUCTION.

GENERAL CIVIL NOTES:

- ALL WORK & MATERIALS SHALL CONFORM TO THE 2017 OREGON PLUMBING SPECIALTY CODE & ALL APPLICABLE STATE, CITY, AND COUNTY REGULATIONS AND STANDARDS. CONTACT ENGINEER FOR DIRECTIVE IN THE EVENT OF CONFLICTING STANDARDS.
- CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE CURRENT EDITION OF THE CITY OF ALBANY STANDARD CONSTRUCTION SPECIFICATIONS (AS ADOPTED BY THE CITY OF MILLERSBURG), THE PROJECT SPECIFICATIONS, CONSTRUCTIONS DRAWINGS, AND THESE SPECIAL PROVISIONS. IN SITUATIONS WHERE SPECIFICATION REQUIREMENTS DIFFER, THE MORE STRINGENT REQUIREMENT SHALL APPLY.
- ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE COORDINATED WITH THE GOVERNING AGENCY'S INSPECTOR AND SHALL CONFORM TO THAT AGENCY'S CURRENT ENGINEERING STANDARD SPECIFICATIONS & DETAILS.
- THE GENERAL CONTRACTOR AND ALL THEIR AFFILIATES SHALL VERIFY ALL DIMENSIONS, ELEVATIONS & LOCATIONS PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ANY DISCREPANCIES.
- EXISTING SITE SURVEY PROVIDED BY S&F LAND SERVICES, DATED MAY 7, 2020. ELEVATIONS ARE BASED ON NGVD GPS TIES TO LINN COUNTY SURVEY BENCHMARKS 93192, 93014, AND 93012. HORIZONTAL DATUM BASED IN THE OREGON NORTH STATE PLAN COORDINATE SYSTEM NAD 83 (2011).
- ALL GRADE SURVEYING AND HORIZONTAL LAYOUT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR & SHALL BE PERFORMED BY A LICENSED LAND SURVEYOR. COORDINATE WITH ENGINEER PRIOR TO CONSTRUCTION.
- ALL EXISTING SITE UTILITIES IDENTIFIED ON THIS PLAN ARE NOT INTENDED TO BE EXACT OR COMPLETE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO IDENTIFY ALL UTILITIES AND PROTECT AS REQUIRED DURING THE COURSE OF CONSTRUCTION.
- CONTRACTOR SHALL NOTIFY ALL APPLICABLE REGULATORY AGENCIES AND UTILITY COMPANIES 48 hrs PRIOR TO BEGINNING WORK.
- ALL SITE EXCAVATION, TRENCH BACK FILL, PARKING LOT SUB-GRADE, FLAT WORK SUB-GRADE, COMPACTION REQUIREMENTS, ETC. SHALL BE AS NOTED IN THE SITE PREPARATION NOTES AND/OR THE GEOTECHNICAL REPORT.
- ALL NON-DRIVEABLE SITE CONCRETE SHALL BE $f_c = 3500$ psi @ 28 DAYS, 6% ENTRAINED AIR, 4" SLUMP (U.N.O.). ALL DRIVEABLE SITE CONCRETE AND CONCRETE WITHIN THE PUBLIC R.O.W. SHALL BE $f_c = 4000$ psi PER THE CITY OF ALBANY STANDARD CONSTRUCTION SPECS.
- ALL UTILITY SERVICES SHALL BE INSTALLED PER THE RESPECTIVE UTILITY CODES & STANDARDS.
- WATER MAINS WITHIN THE PUBLIC R.O.W. SHALL HAVE A MINIMUM COVER OF 36". ALL OTHER UTILITIES SHALL HAVE A MINIMUM COVER OF 30" UNLESS OTHERWISE SPECIFIED.
- ALL SERVICES SHALL BE ADEQUATELY MARKED AS REQ'D AS TO IDENTIFY THE SIZE, TYPE, & DEPTH OF THE SERVICE.
- ALL SERVICES SHALL BE PLUGGED AS REQ'D TO ADEQUATELY ENSURE THAT NO FOREIGN MATERIALS ENTER THE LINE.
- CONTRACTOR SHALL PROVIDE THE ENGINEER WITH THE SIZE, TYPE, DEPTH OF MAIN, TYPE OF CONNECTION AT MAIN, INSTALLATION DATE, LOCATION & SKETCH OF ALL UTILITY SERVICE INSTALLATIONS.
- CONTRACTOR SHALL OBTAIN ALL APPLICABLE PERMITS PRIOR TO CONSTRUCTION.
- ALL FIRE WATER LINES SHALL BE CLASS 52 DUCTILE IRON PIPE AND ALL DOMESTIC WATER LINES SHALL BE PVC WATER PIPE CONFORMING TO ASTM D 1785 WITH SOLVENT-CEMENTED JOINTS.
- ALL SANITARY SEWER WASTE LINES SHOWN OUTSIDE THE BUILDING SHALL BE PVC SEWER PIPE CONFORMING TO ASTM D 3034 - SDR 35 WITH GASKET JOINTS. SEE MECHANICAL PLANS FOR ALL PIPING REQUIREMENTS WITHIN 5' OF STRUCTURES.
- SANITARY LINES SHALL BE REQ'D TO PASS A LOW PRESSURE AIR TEST OR WATER TEST CONFORMING TO PLUMBING CODE SPECIFICATIONS PRIOR TO FINAL ACCEPTANCE. ALL PARTS OF THE SYSTEM SHALL BE CLEANED PRIOR TO FINAL ACCEPTANCE. THE CONTRACTOR SHALL NOT ALLOW ANY FOREIGN MATERIAL TO ENTER THE EXISTING SYSTEM. THE CONTRACTOR SHALL PROVIDE THE REQ'D PERSONNEL AND MATERIAL TO PERFORM THE ABOVE TESTS. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH DOCUMENTATION OF THE ABOVE TESTS.
- STORM COLLECTION SYSTEM DESIGNED FOR WATER TIGHT COMPONENTS.
- ALL STORM PIPE IDENTIFIED AS 'PVC' SHALL BE ASTM D 3034 - SDR 35. ALL ON-SITE STORM PIPE IDENTIFIED AS 'HDPE' SHALL BE HANCOR SURE-LOK F477 -OR- ADVANCED DRAINAGE SYSTEMS N-12. SEE PLAN SET FOR ADDITIONAL INFORMATION.
- ALL STORM COLLECTION SYSTEM CONNECTIONS AND COMPONENTS SHALL CONFORM TO PIPE MANUFACTURER REQUIREMENTS. GC TO COORDINATE STORM SYSTEM LAYOUT W/ ENGINEER AND STORM SYSTEM SUPPLIER. STORM SYSTEM COMPONENT SHOP DRAWINGS SHALL BE PROVIDED FOR ENGINEER'S REVIEW PRIOR TO CONSTRUCTION.
- ALL ON SITE CATCH BASINS SHALL BE AS IDENTIFIED ON PLAN SET. ALL ON-SITE STORM SYSTEM CATCH BASINS SHALL BE PROVIDED WITH A MINIMUM 24" SETTLEMENT SUMP BELOW THE LOWEST PIPE INVERT (U.N.O.) AND A POLLUTION CONTROL HOOD AND TRAP SYSTEM.SEE PLAN SET FOR ADDITIONAL INFORMATION. CURB INLETS IN ROW PER STANDARD SPECS.
- GC SHALL PROVIDE ENGINEER WITH SHOP DRAWING SUBMITTALS ON ALL PRE-CAST MANUFACTURED ITEMS.
- ALL UNDERGROUND PIPING, CONDUIT AND OTHER UTILITIES SHALL BE BEDDED PER CITY OF ALBANY STANDARD DETAILS (OR AS OTHERWISE SPECIFIED BY PIPE MANUFACTURER). NOTIFY ENGINEER IN EVENT OF DISCREPANCIES.
- ALL TEMPORARY PROTECTION AND DIRECTION OF TRAFFIC SHALL BE BY THE CONTRACTOR AND CONFORM WITH BOTH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE ODOT MANUAL ON SHORT TERM TRAFFIC CONTROL.
- ALL LANDSCAPED AREAS SHALL BE AS NOTED ON THE LANDSCAPE PLANS. THE ENGINEER SHALL INSPECT ALL LANDSCAPE PLANTER GRADES PRIOR TO RECEIVING FINAL SURFACE TREATMENT.

1 EXISTING CONDITIONS PLAN

1" = 30'



NOTES

- CLEARING AND GRUBBING SHALL BE DONE PER NOTES ON C0.10.
- SEE SEPARATE 1200C PLANS FOR ADDITIONAL EROSION CONTROL MEASURES AND IMPLEMENTATION.

SITE LEGEND

- GRAVEL CONSTRUCTION ENTRANCE
- LIMITS OF DEMOLITION/SAWCUT

KEYNOTES

- 1 REMOVE EXISTING SIDEWALK
- 2 REMOVE EXISTING GAURDRAIL
- 3 REMOVE EXISTING FENCING
- 4 REMOVE EXISTING TREE
- 5 SAWCUT AND REMOVE EXISTING PAVEMENT
- 6 REMOVE EXISTING CURB AND GUTTER
- 7 EROSION CONTROL SILT FENCE
- 8 CONSTRUCTION ENTRANCE
- 9 PROTECT EXISTING SIGN
- 10 PROTECT EXISTING STORM INLET
- 11 PROTECT EXISTING POLE AND GUY WIRES

Millersburg Fire Station 15
 Old Salem Road
 Millersburg, OR 97321



Project

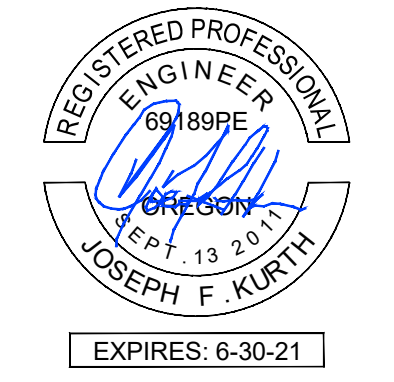
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EXISTING CONDITIONS AND DEMOLITION PLAN

Sheet No

C0.20



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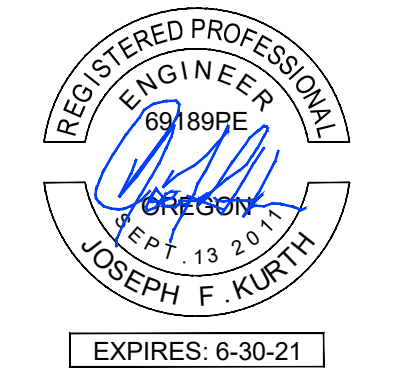
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SITE PLAN

Sheet No

C1.00

GENERAL SITE INFORMATION	
ITEM	DESCRIPTION
LOCATION	OLD SALEM ROAD - MILLERSBURG, OR
LEGAL DESCRIPTION	T 10 S R 03 W SEC 28
PROPERTY ID	
ZONING	PF (PUBLIC FACILITIES ZONE)
LOT SIZE	3.59 ac (PROPERTY LOT)
IMPERVIOUS AREA	47,852 sf
PERVIOUS AREA	108,613 sf

GENERAL BUILDING INFORMATION		
BUILDING	SIZE	HEIGHT
STATION 15	9,935 SQFT	±22'-0"

PARKING REQUIREMENTS			
EMPLOYEES PER SHIFT	6		
TOTAL EMPLOYEES AT SHIFT CHANGE	12		
PARKING REQUIREMENTS PER MILLERSBURG DEVELOPMENT CODE CH. 3.03			
VEHICLE SPACES	MIN. REQUIRED	RATIO	REQUIRED
MUNICIPAL / GOVERNMENT	1 SP PER 2 EMPLOYEES + 1 SPACE PER 800 SQFT	12 EMPLOYEES	19
TOTAL REQUIRED			19
TOTAL PROVIDED			29
BICYCLE STALL	MIN. REQUIRED	RATIO	REQUIRED
	1 PER 20 VEHICLE SPACES		1
TOTAL REQUIRED			1
TOTAL PROVIDED			1

NOTES

- ALL PARKING LOT CURB RETURNS SHALL HAVE A 5'-0" RADIUS UNLESS NOTED OTHERWISE.

SITE LEGEND

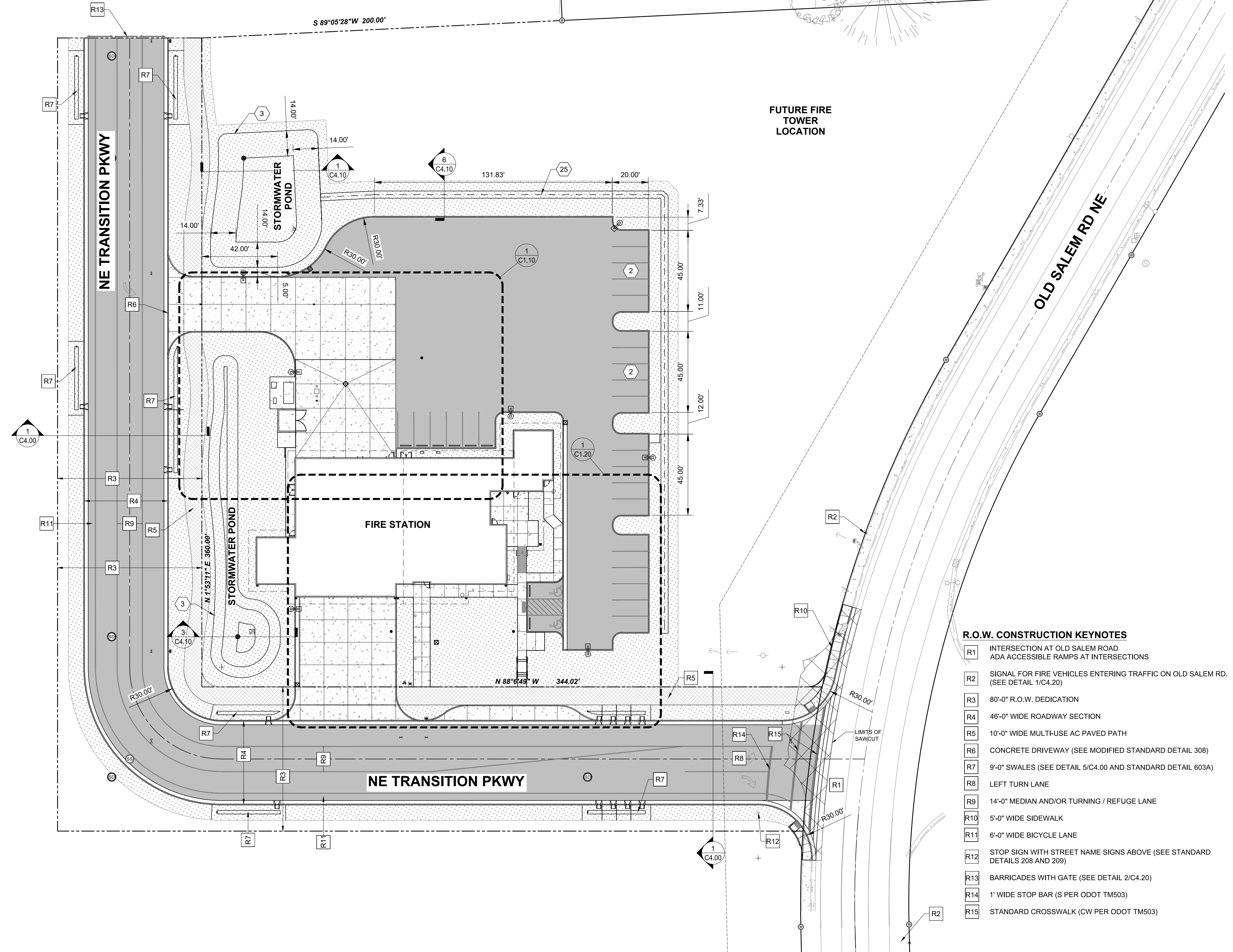
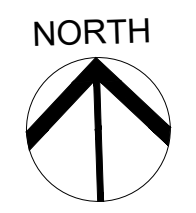
- CONCRETE PAVING - SEE DETAIL 3/C4.00
- HMAC PAVING - SEE DETAIL 4/C4.00
- HMAC PAVING - HEAVY - SEE DETAIL 2/C4.00
- LANDSCAPING - SEE LANDSCAPING PLANS
- RIP-RAP - SEE DETAIL 7/C4.00

SITE KEYNOTES

- 1 FIRE STATION BUILDING (SEE ARCH PLANS)
- 2 EMPLOYEE AND COMMUNITY VISITOR PARKING AREA
- 3 STORMWATER POND (SEE GRADING AND LANDSCAPING PLANS)
- 4 ONSITE SIDEWALK (SEE DETAIL 4/C4.10)
- 5 TRASH ENCLOSURE (SEE ARCH PLANS)
- 6 NOT USED
- 7 4" WHITE PAVEMENT STRIPING
- 8 EV CHARGING PEDESTAL (SEE ELECTRICAL PLANS)
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- 13 MECHANICAL PAD (SEE ARCH AND MECH PLANS)
- 14 PARKING SIGN (TYP.) (SEE ARCH PLANS)
- 15 UNDERGROUND OIL/WATER SEPARATOR (SEE PLUMBING PLANS)
- 16 WASH AREA CATCH BASIN (SEE C3.00)
- 17 STRAIGHT CURB (SEE STANDARD DETAIL 304)
- 18 MULTI-USE PATH (SEE DETAIL 5/C4.00)
- 19 PATIO AND FENCE (SEE ARCH AND LANDSCAPING PLANS)
- 20 TYPICAL CURB AND GUTTER WITH DEPRESSED CURB (SEE STANDARD DETAIL 304)
- 21 DETECTABLE WARNING (SEE ODOT STANDARD DETAIL RD902)
- 22 ADA PARKING SIGN AND STRIPING (SEE DETAIL 6/C4.10)
- 23 TYPICAL CURB AND GUTTER (SEE STANDARD DETAIL 304)
- 24 STEPS AND HANDRAILS (SEE STANDARD DETAILS RD120, RD770, RD771)
- 25 CONVEYANCE SWALE (SEE DETAIL 6/C4.10)

R.O.W. CONSTRUCTION KEYNOTES

- R1 INTERSECTION AT OLD SALEM ROAD ADA ACCESSIBLE RAMPS AT INTERSECTIONS
- R2 SIGNAL FOR FIRE VEHICLES ENTERING TRAFFIC ON OLD SALEM RD. (SEE DETAIL 1/C4.20)
- R3 80'-0" R.O.W. DEDICATION
- R4 46'-0" WIDE ROADWAY SECTION
- R5 10'-0" WIDE MULTI-USE AC PAVED PATH
- R6 CONCRETE DRIVEWAY (SEE MODIFIED STANDARD DETAIL 308)
- R7 9'-0" SWALES (SEE DETAIL 5/C4.00 AND STANDARD DETAIL 603A)
- R8 LEFT TURN LANE
- R9 14'-0" MEDIAN AND/OR TURNING / REFUGE LANE
- R10 5'-0" WIDE SIDEWALK
- R11 6'-0" WIDE BICYCLE LANE
- R12 STOP SIGN WITH STREET NAME SIGNS ABOVE (SEE STANDARD DETAILS 208 AND 209)
- R13 BARRICADES WITH GATE (SEE DETAIL 2/C4.20)
- R14 1' WIDE STOP BAR (S PER ODOT TM503)
- R15 STANDARD CROSSWALK (CW PER ODOT TM503)



1 SITE PLAN
1" = 30'

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Project

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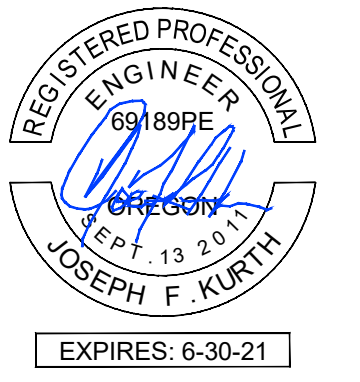


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Drawing Title

SOUTH SITE PLAN ENLARGEMENT




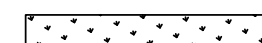

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NOTES

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SITE LEGEND

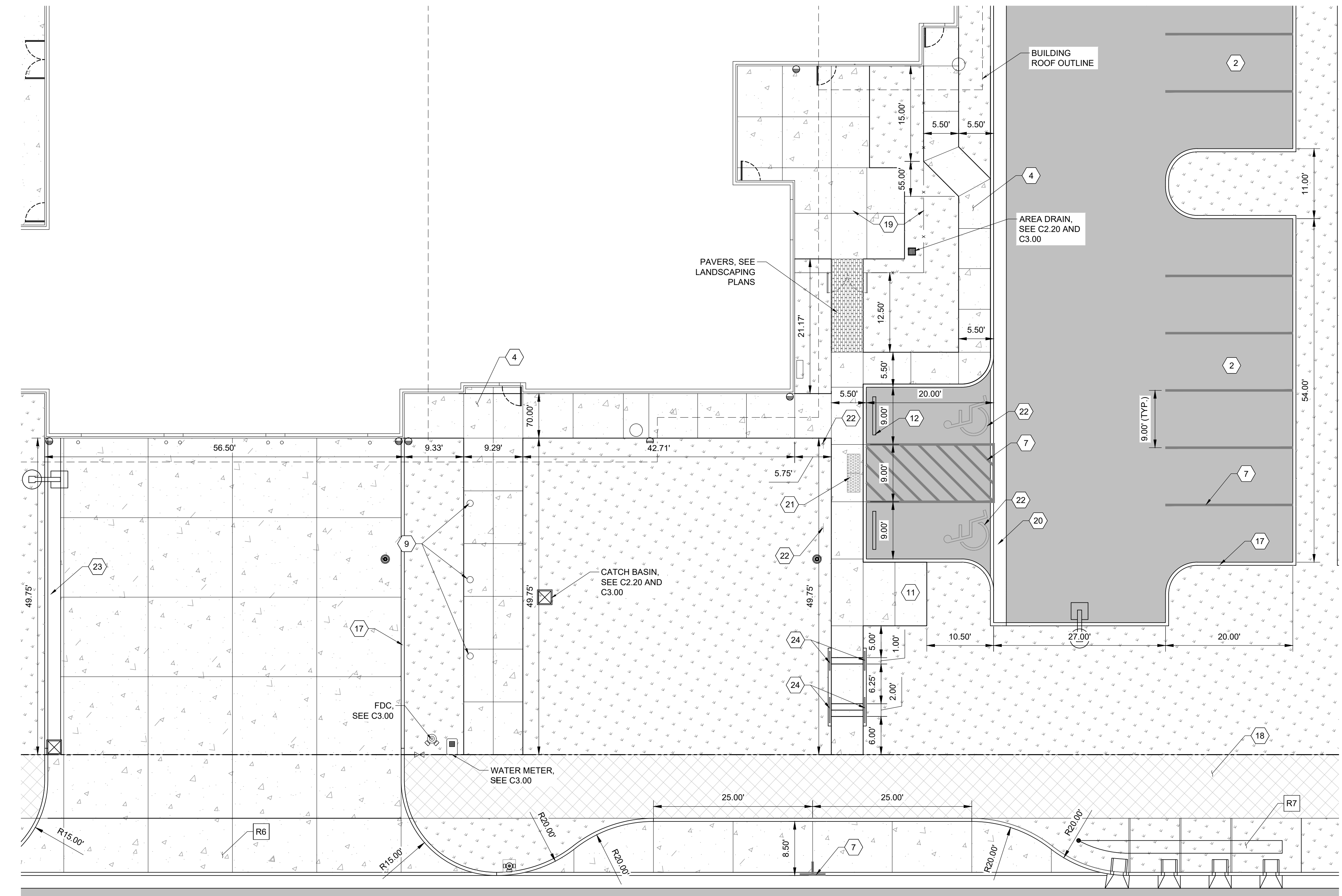
-  CONCRETE PAVING - SEE DETAIL 3/C4.00
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-  RIP-RAP - SEE DETAIL 7/C4.00

SITE KEYNOTES

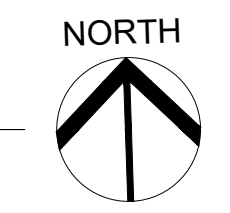
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R.O.W. CONSTRUCTION KEYNOTES

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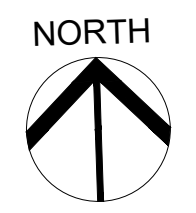
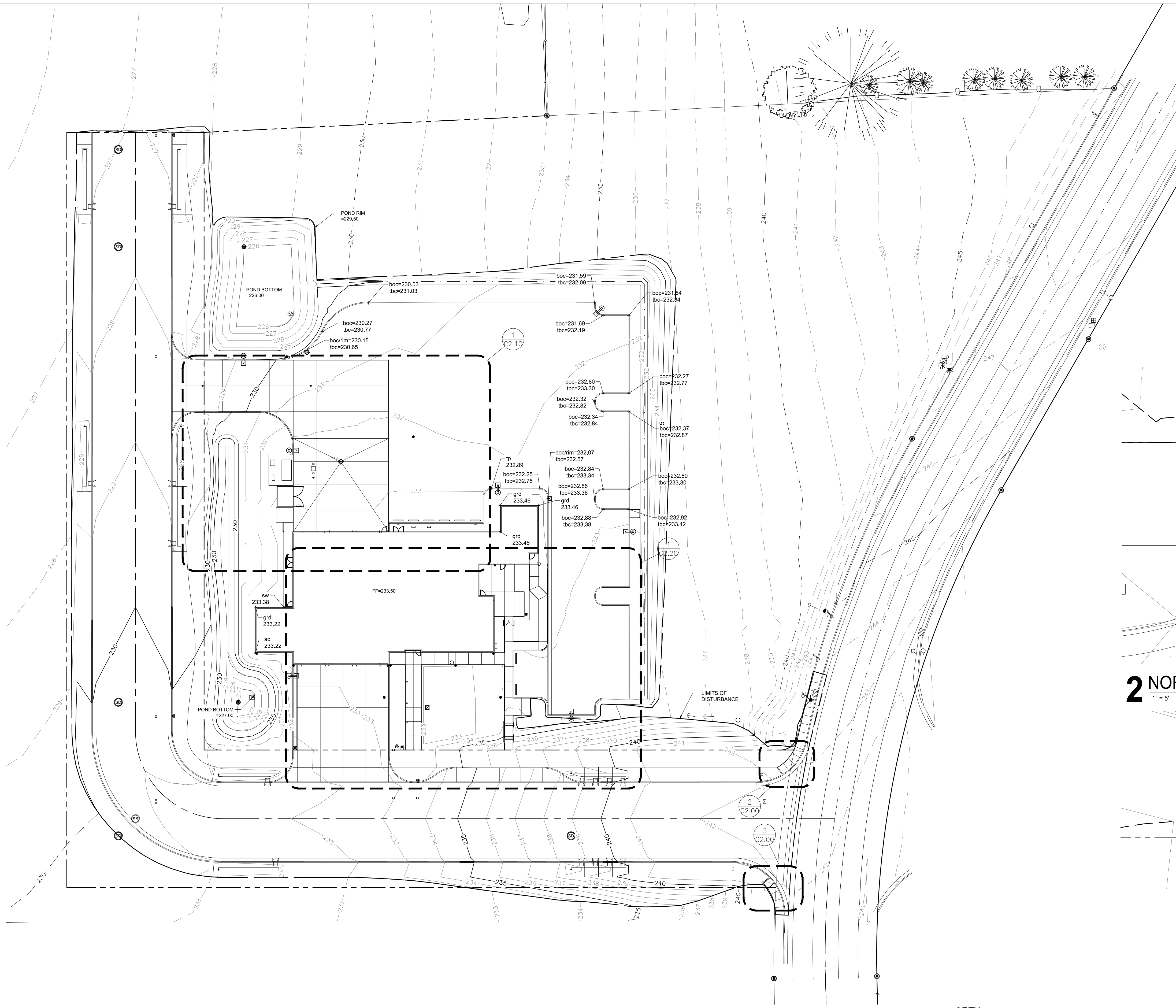
1 SOUTH SITE PLAN ENLARGEMENT
1" = 10'



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1 GRADING PLAN

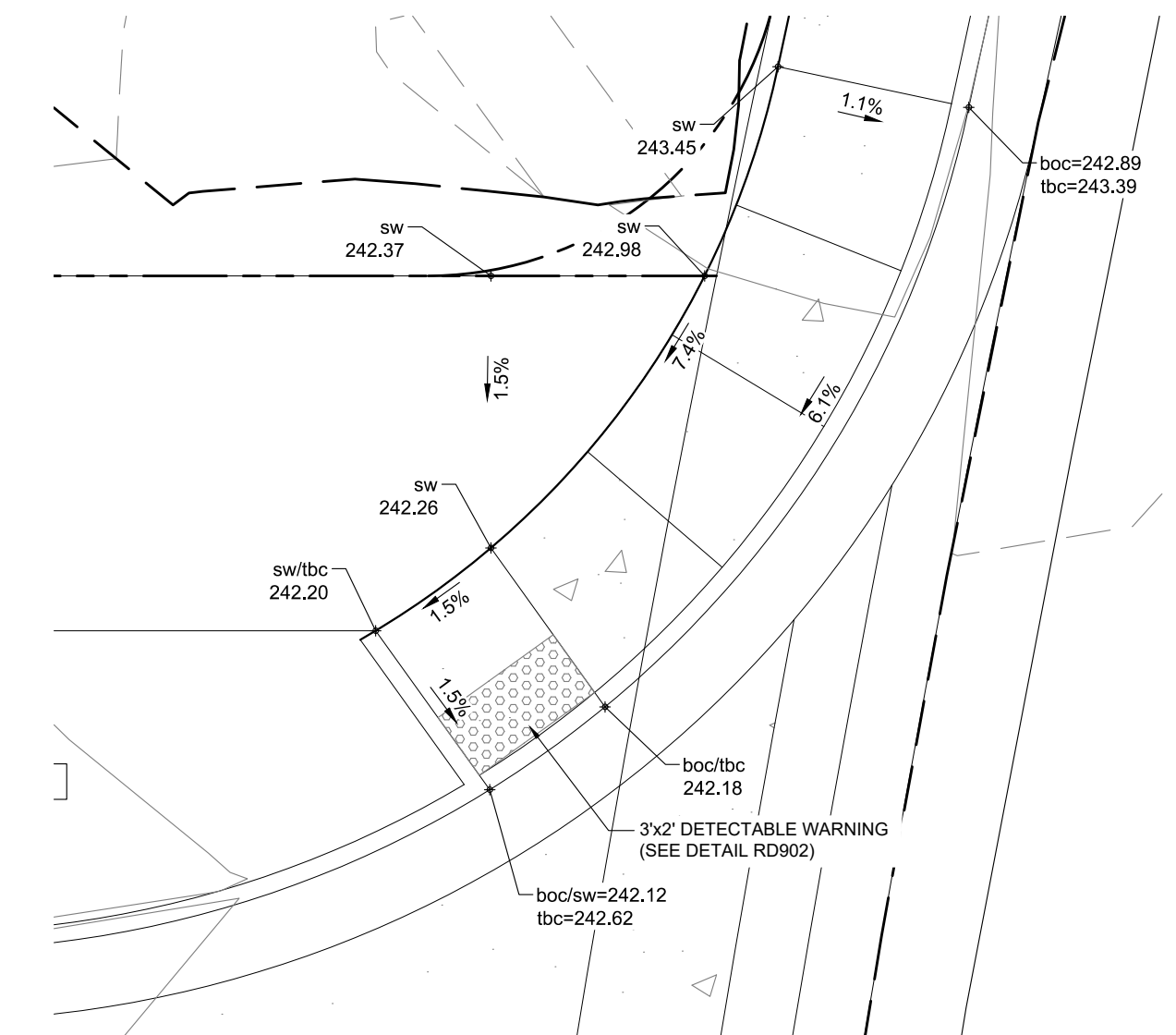
1" = 30'



- GRADING GENERAL NOTES:**
- REFER TO GEOTECHNICAL REPORT PREPARED BY PBS ENGINEERING AND ENVIRONMENTAL, INC. AND DATED 8/28/2020 FOR REQUIRED SPECIFICATIONS REGARDING ALL GRADING AND SUBGRADE PREPARATION UNDER ALL ASPHALT, CONCRETE, AND BUILDING PADS
 - GROUND SURFACE WITHIN THE LIMITS OF PROPOSED IMPROVEMENTS SHOULD BE STRIPPED OF ALL ORGANIC MATERIAL AND REMOVED FROM SITE. TOP LAYER OF THIS MATERIAL SHALL BE RETAINED FOR LANDSCAPING AREAS
 - ALL CONTOURS SHOWN IN EXISTING SURVEY AND NEW DEVELOPMENT ARE AT 1 FT INTERVALS
 - EXCAVATION FOR ALL SITE UTILITIES INCLUDING STORM, SEWER, WATER AND POWER NOT SHOWN. SEE UTILITY PLAN AND GEOTECHNICAL REPORT FOR UTILITY TRENCHING AND BEDDING REQUIREMENTS FOR ALL UTILITIES

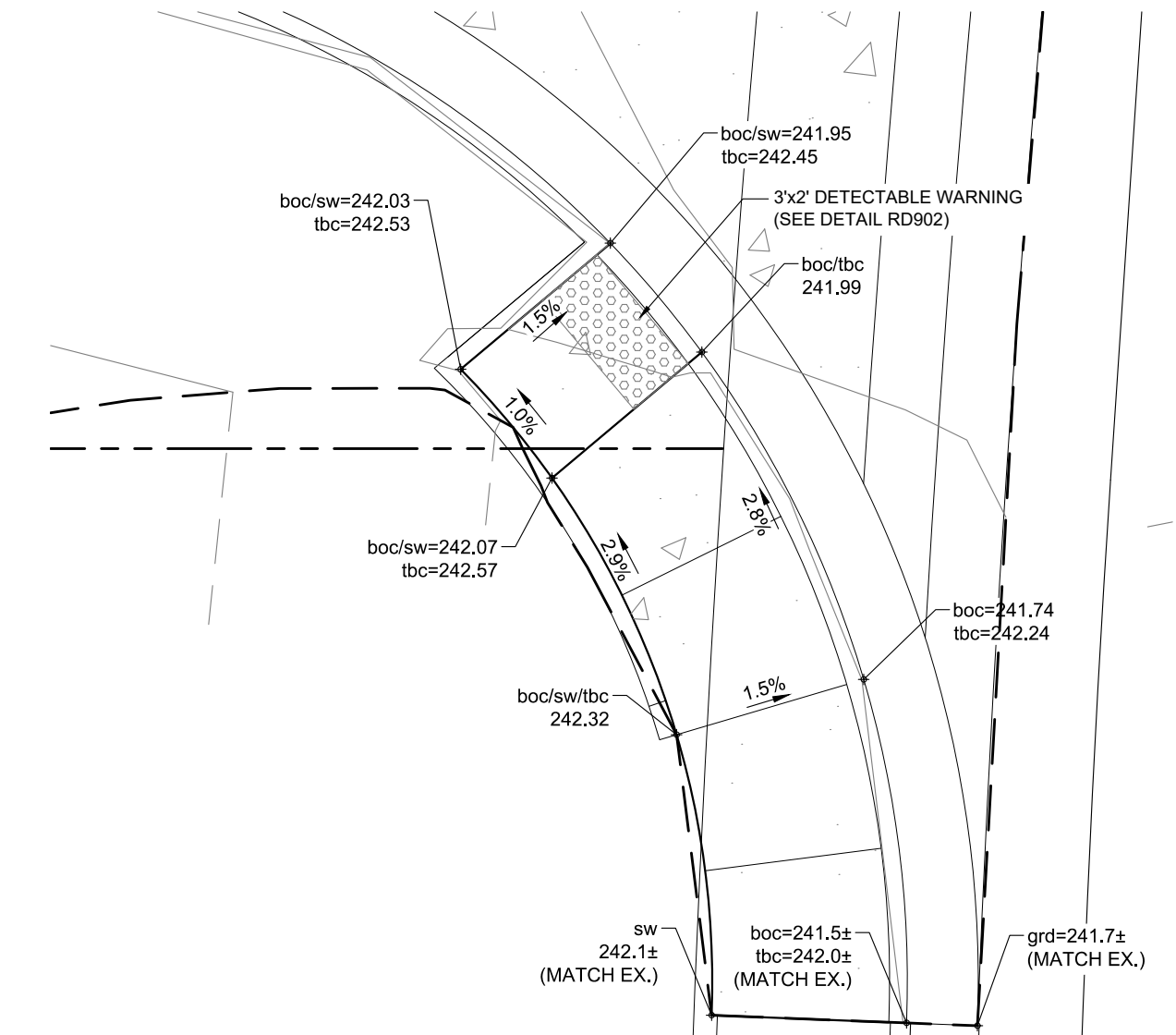
LEGEND

--- 350 ---	EXISTING GRADE MAJOR CONTOURS (10 FT INTERVALS)
--- 352 ---	EXISTING GRADE MINOR CONTOURS (2 FT INTERVALS)
— 350 —	FINISHED GRADE MAJOR CONTOURS (10 FT INTERVALS)
— 352 —	FINISHED GRADE MINOR CONTOURS (2 FT INTERVALS)
xx	DESCRIPTION (SEE ABBREVIATION LIST)
+ 2XX.XX	SPOT ELEVATION
+ boc=2XX.XX	BOTTOM OF CURB SPOT ELEVATION
+ tbc=2XX.XX	TOP BACK OF CURB SPOT ELEVATION



2 NORTH ADA RAMP ENLARGEMENT

1" = 5'



3 SOUTH ADA RAMP ENLARGEMENT

1" = 5'

1200 NW Naito Parkway, Suite 410
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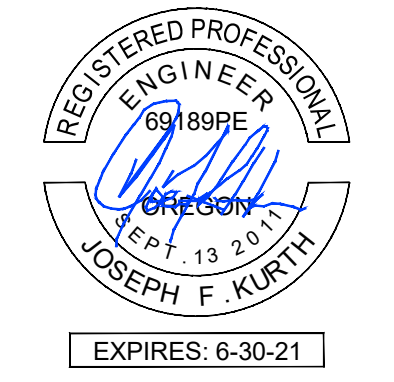
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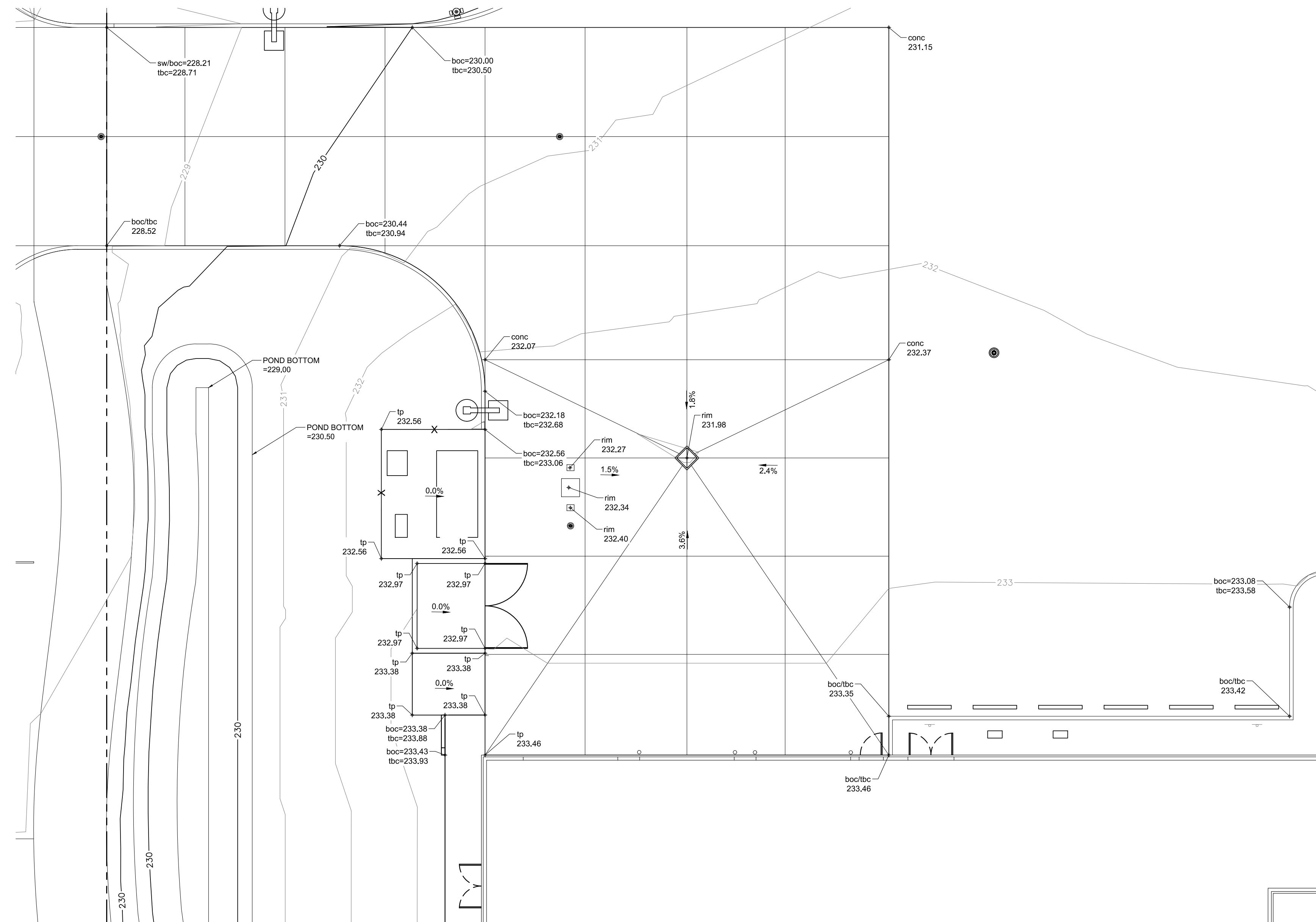
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GRADING PLAN

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C2.00

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1 NORTH SITE GRADING PLAN ENLARGEMENT
 1" = 10'



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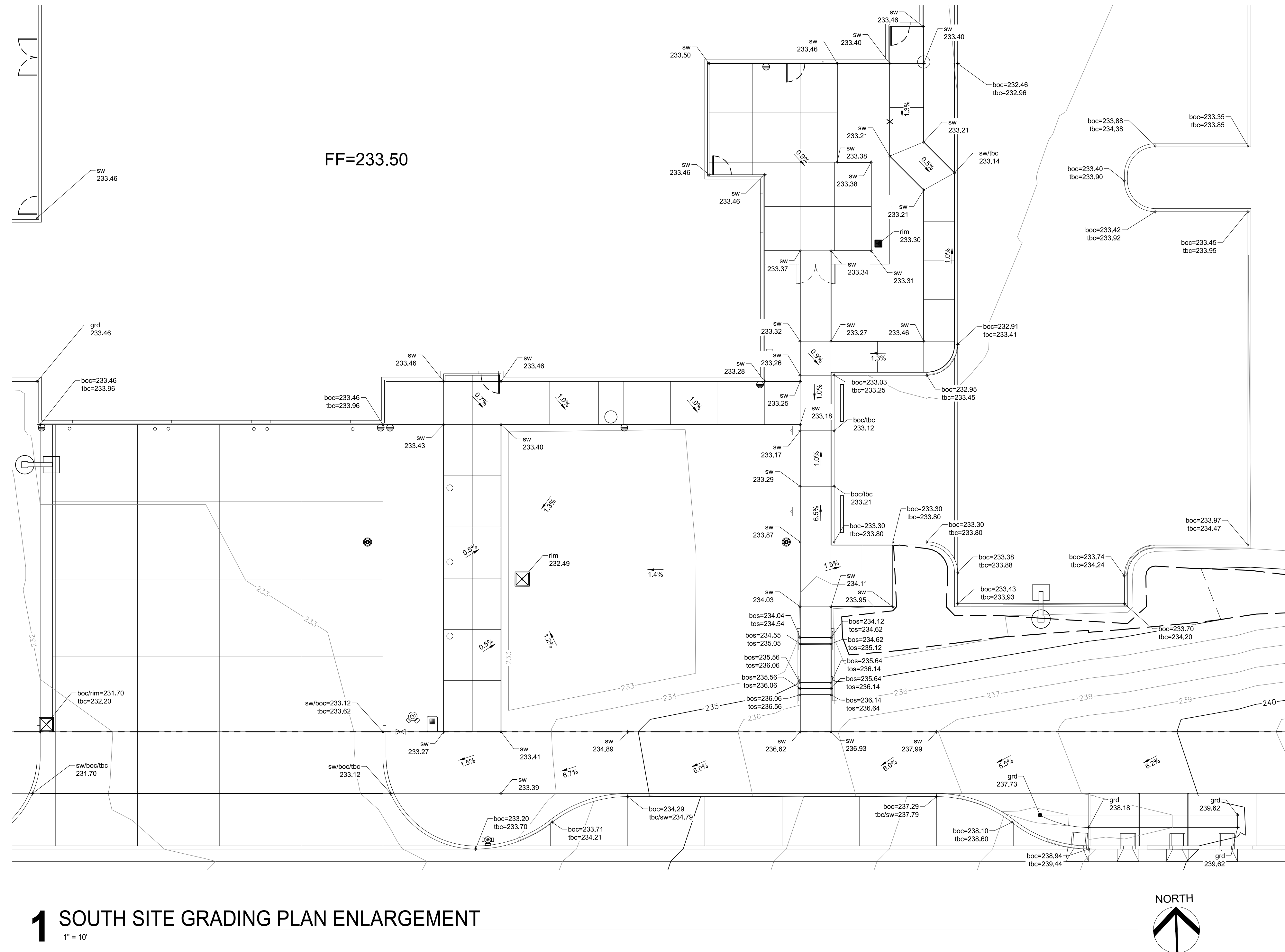
Issuance
BID SET

Date
2/3/21

Project Number
20335

Drawing Title
NORTH SITE GRADING PLAN ENLARGEMENT

Sheet No
C2.10

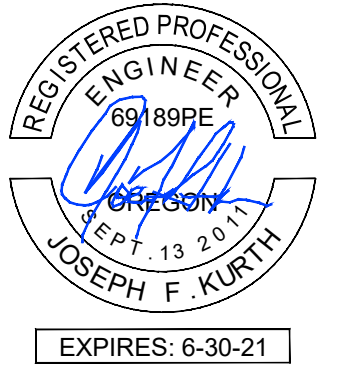


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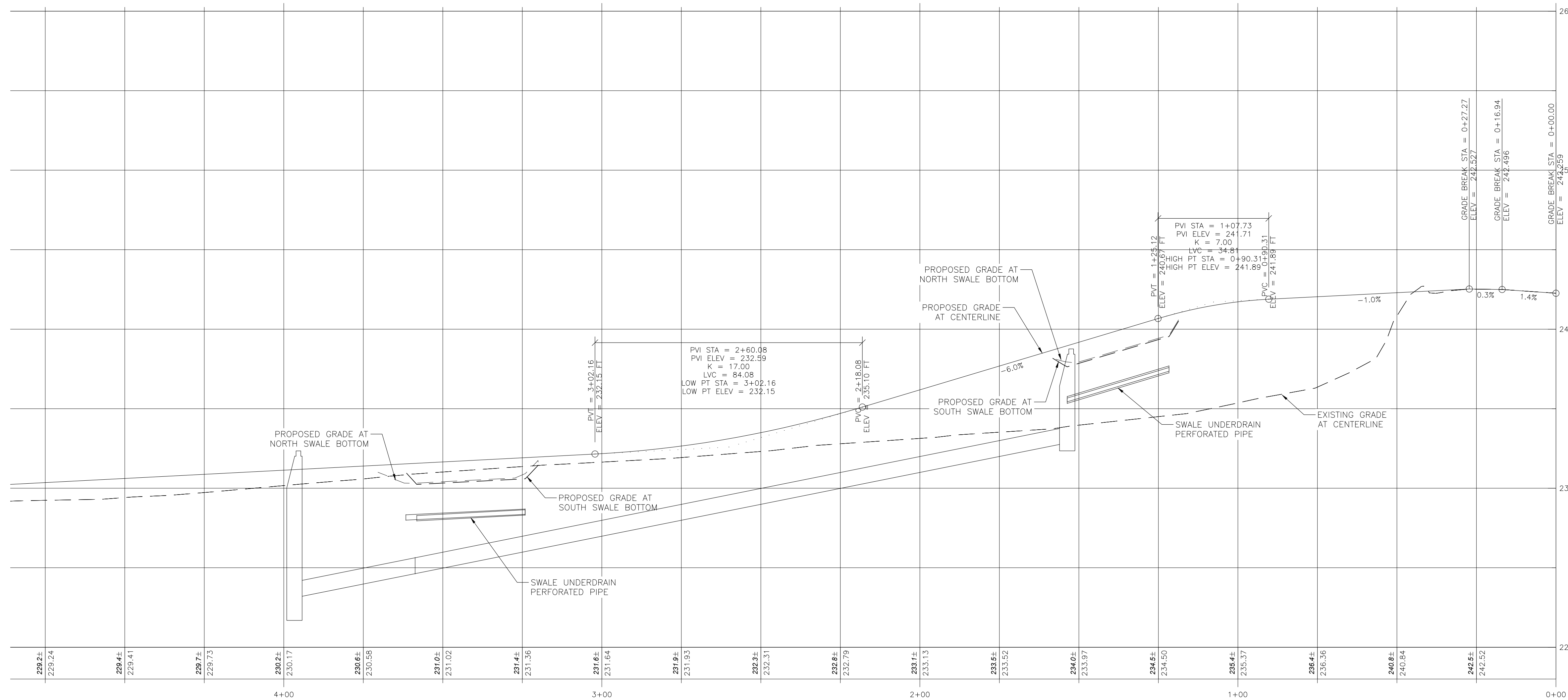
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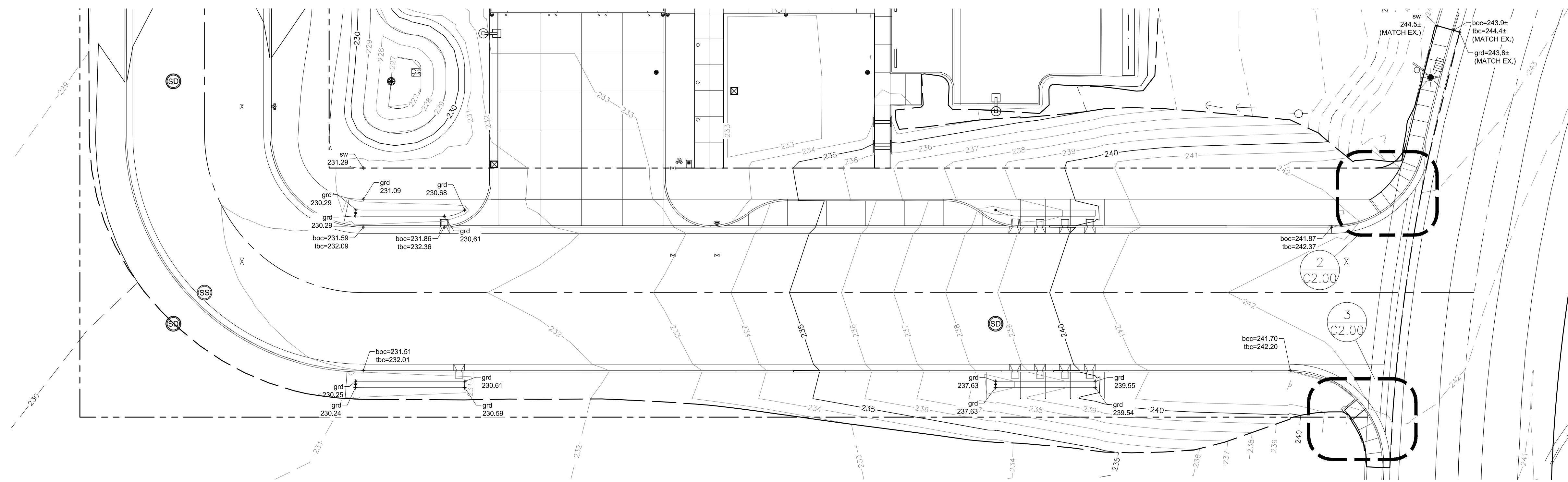
**SOUTH ROW
GRADING PLAN**

Sheet No

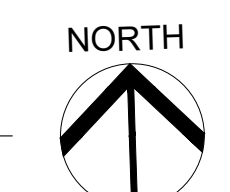
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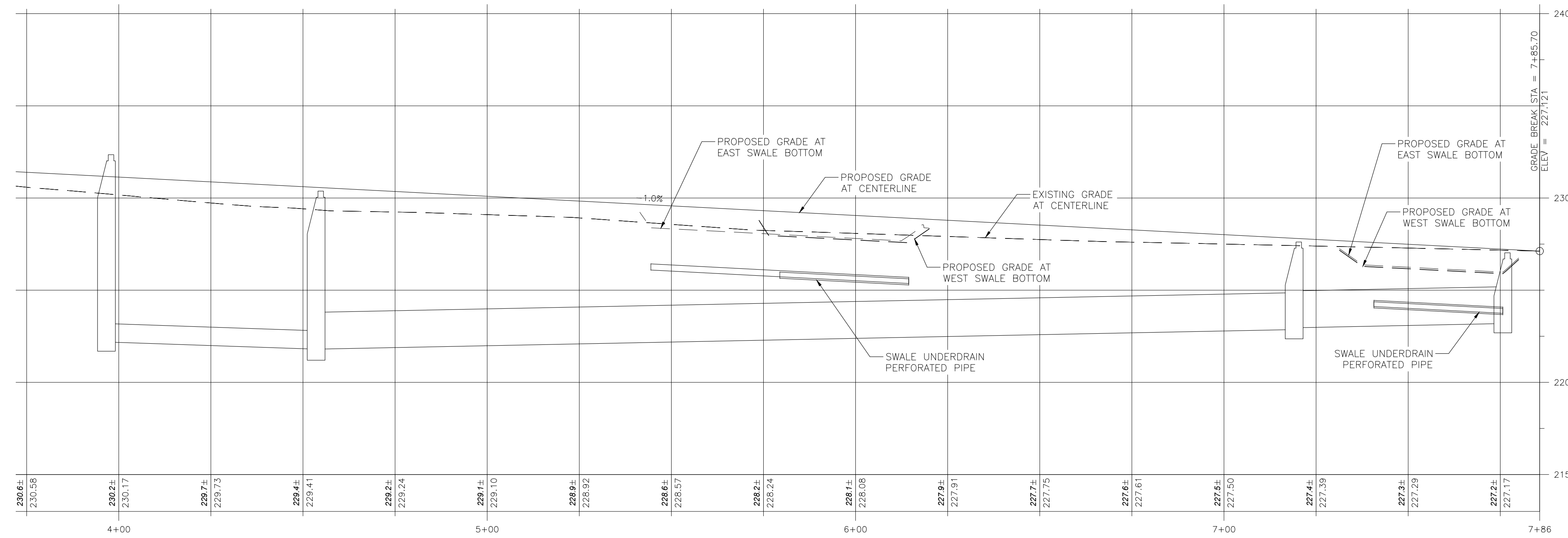
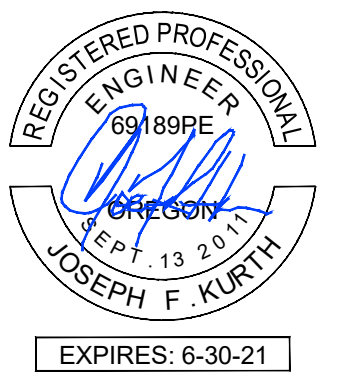
1 SOUTH ROW PROFILE
1" = 20' H, 1" = 4' V



2 SOUTH ROW GRADING PLAN
1" = 20'

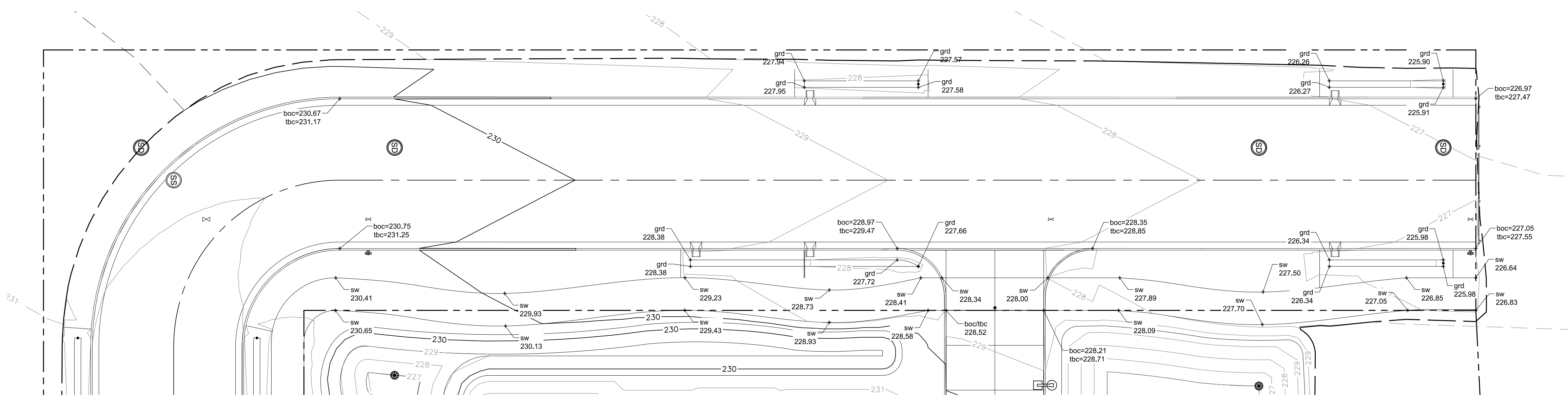


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1 WEST ROW PROFILE

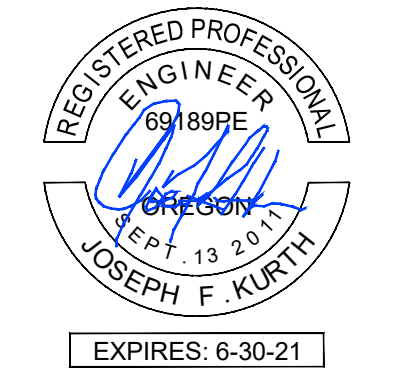
1" = 20' H, 1" = 4' V



2 WEST ROW GRADING PLAN

1" = 20'

No.	Description	Date



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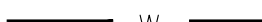











SITE UTILITY PLAN

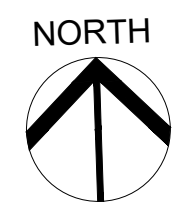
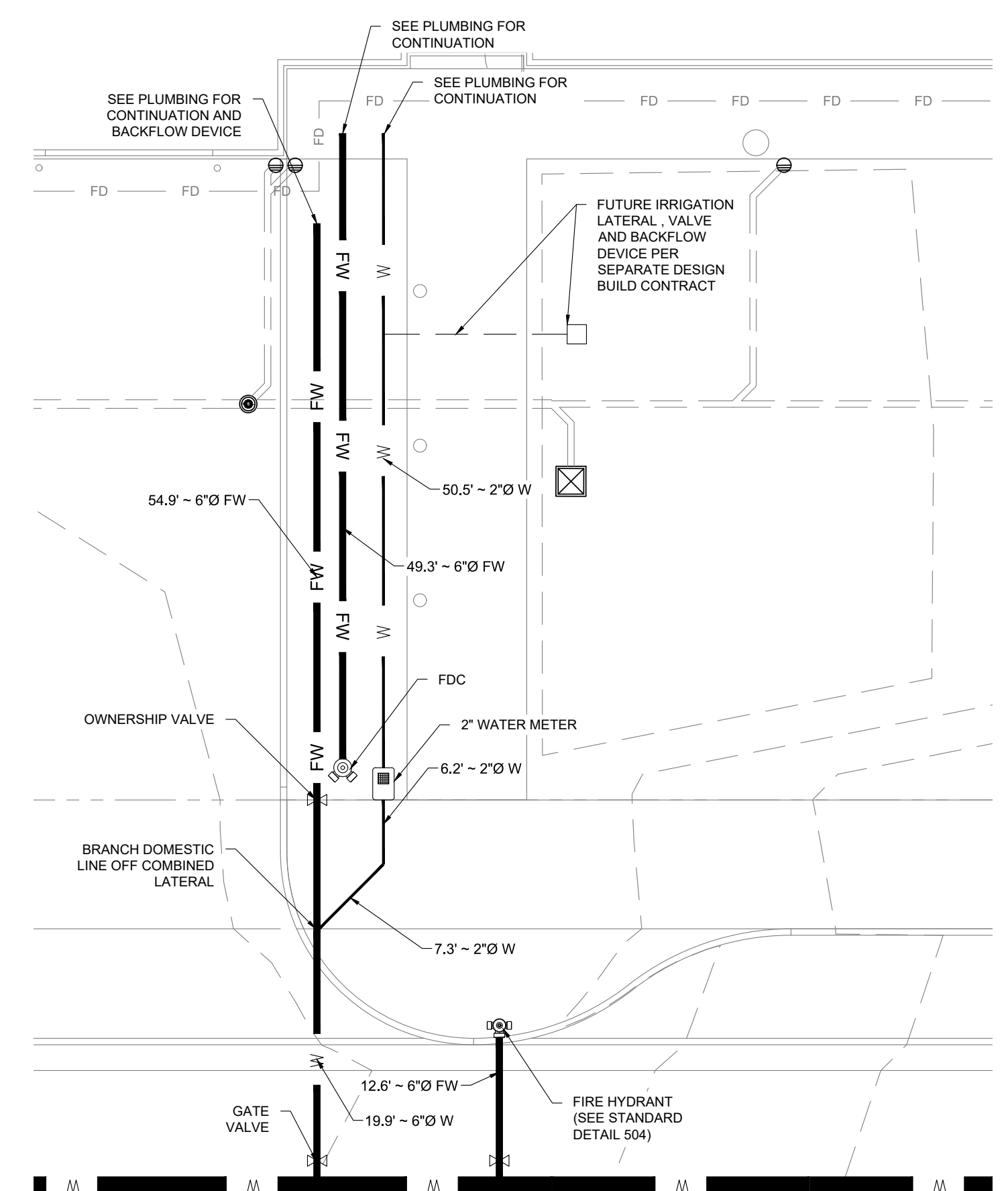
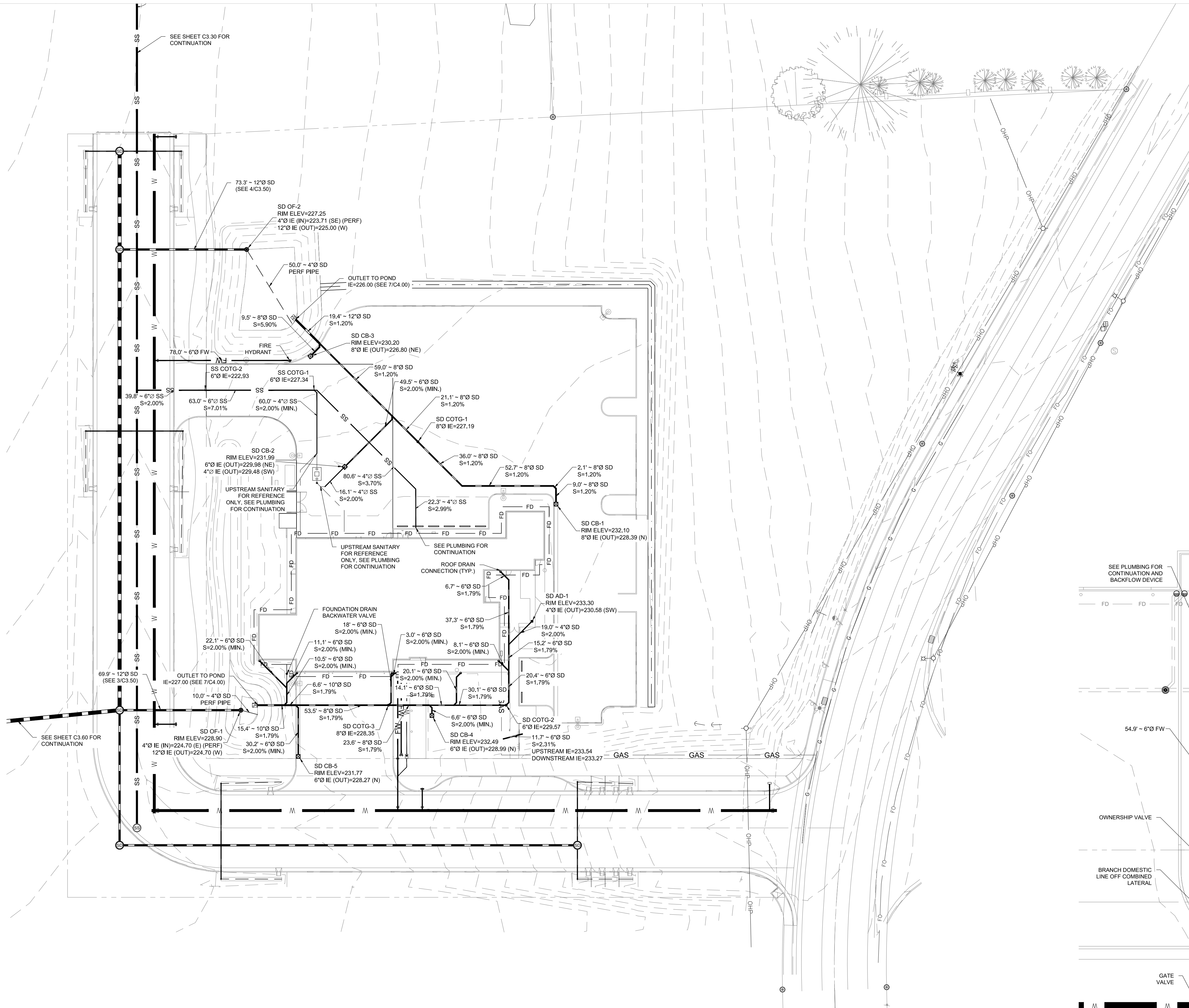
C3.00

UTILITY NOTES

1. ALL UTILITIES TO BE INSTALLED PER CITY OF MILLERSBURG STANDARDS, OREGON PLUMBING SPECIALTY CODE, OR PER DETAILS.
2. COORDINATE WITH MECHANICAL PLANS ALL SEWER AND WATER DESIGN ELEMENTS.
3. SEE GRADING PLAN FOR ALL STORM SYSTEM ELEMENTS SHOWN ON THIS PLAN BUT NOT CALLED OUT.
4. ALL WATER LINE JOINTS TO BE RESTRAINED.
5. INSTALL OMNI BALLS FOR WATER LINE LOCATION.

LEGEND

-  PROPOSED STORM LINE
-  PROPOSED FOUNDATION DRAIN LINE
-  PROPOSED SANITARY LINE
-  PROPOSED WATER LINE
-  PROPOSED FIRE LINE
-  350 FINISHED GRADE MAJOR CONTOURS (5 FT INTERVALS)
-  352 FINISHED GRADE MINOR CONTOURS (1 FT INTERVALS)
-  PROPOSED CATCH BASIN
-  PROPOSED AREA DRAIN
-  PROPOSED BEEHIVE OVERFLOW
-  PROPOSED STORM CLEANOUT
-  PROPOSED STORM MANHOLE
-  PROPOSED SANITARY CLEANOUT
-  PROPOSED SANITARY MANHOLE
-  PROPOSED FIRE HYDRANT
-  PROPOSED FDC



1 UTILITY PLAN
1" = 30'

2 WATER AND FIRE LATERAL ENLARGEMENT
1" = 10'

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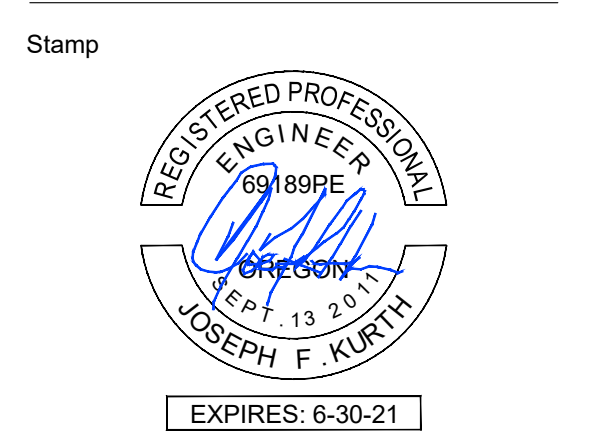
Project
Millersburg Fire Station 15
Old Salem Road
Millersburg, OR 97321



Consultant
CROW ENGINEERING
9925 SW Nimbus Ave
Suite 110
Beaverton, OR 97008
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F 503-213-2018
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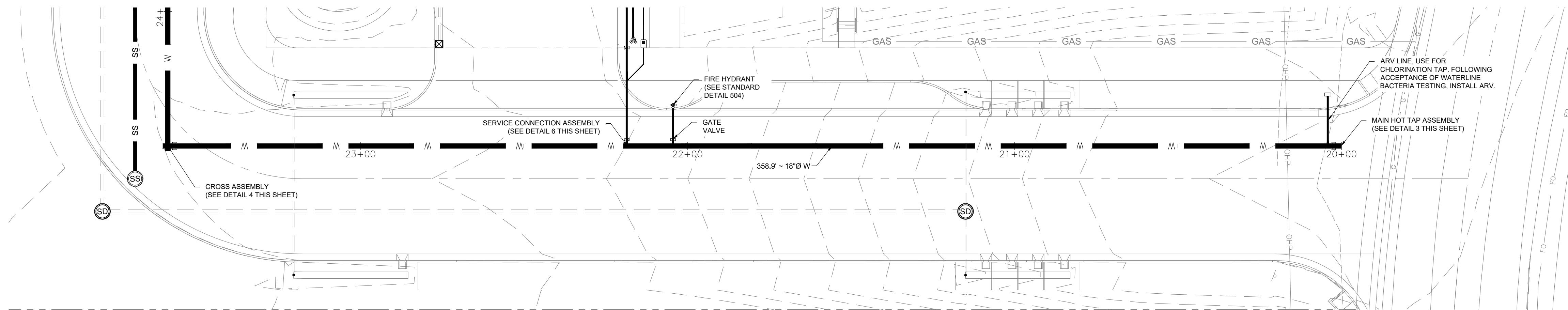
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Date
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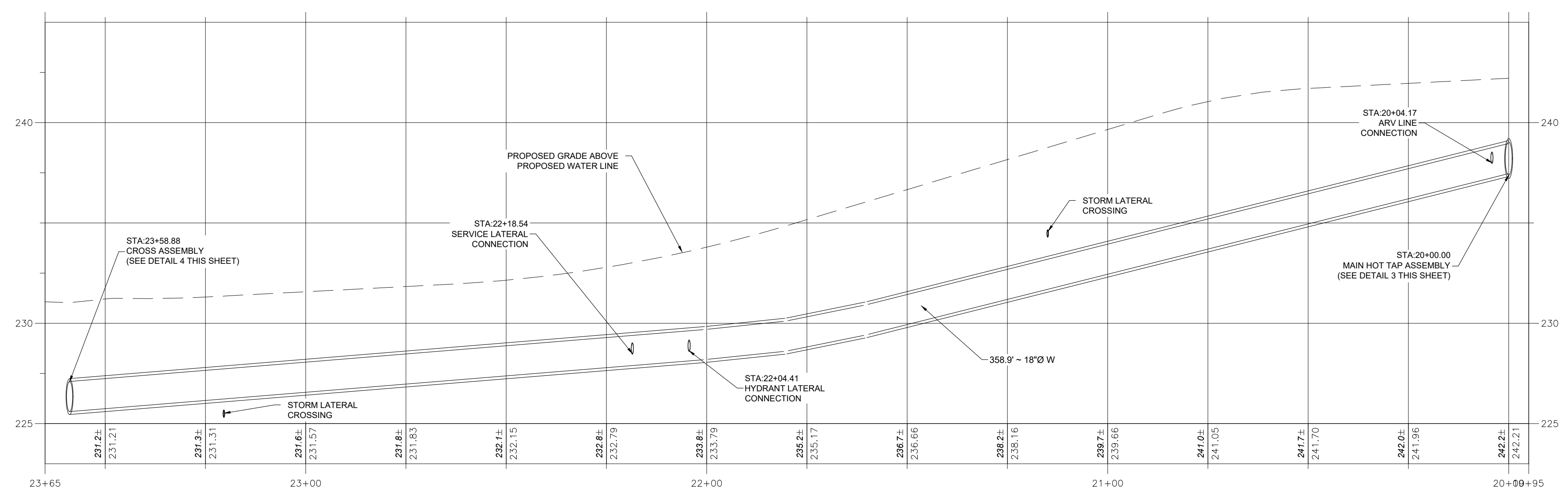
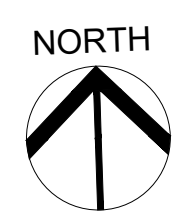
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Drawing Title
SOUTH ROW UTILITY PLAN AND PROFILE

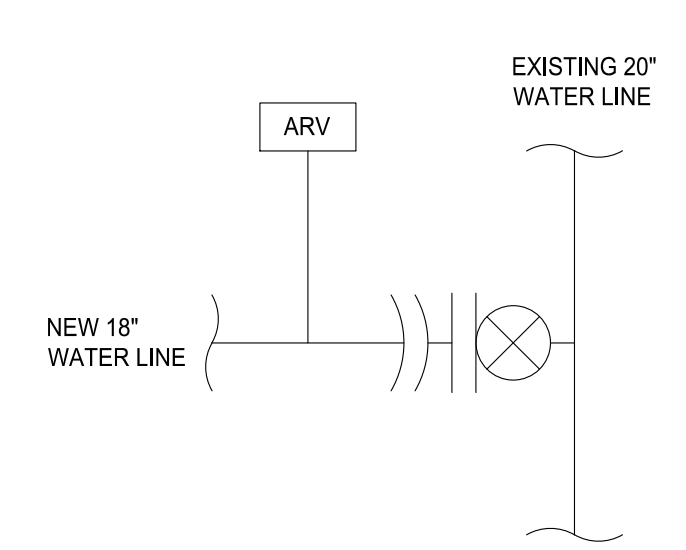
Sheet No
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1 SOUTH ROW PUBLIC UTILITY PLAN
1" = 20'

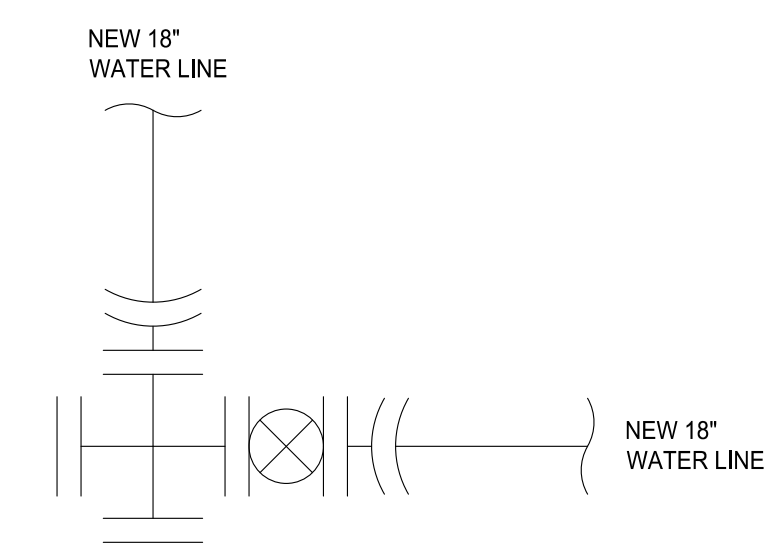


2 SOUTH ROW WATER MAIN PROFILE
1" = 20' H, 1" = 4' V



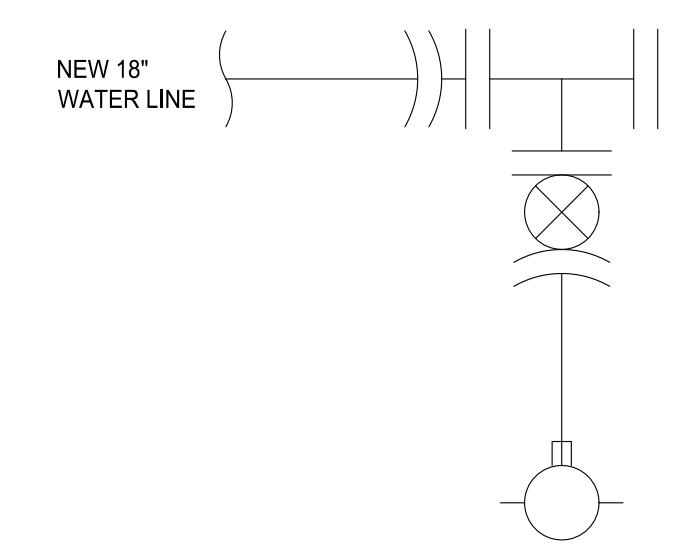
- ASSEMBLY COMPONENTS**
- (1) 18" HOT TAP
 - (1) 18" FLG x MJ ADAPTER WITH RETAINER GLAND
 - (1) ARV ASSEMBLY PER STANDARD DETAIL 509

3 MAIN HOT TAP ASSEMBLY
NTS



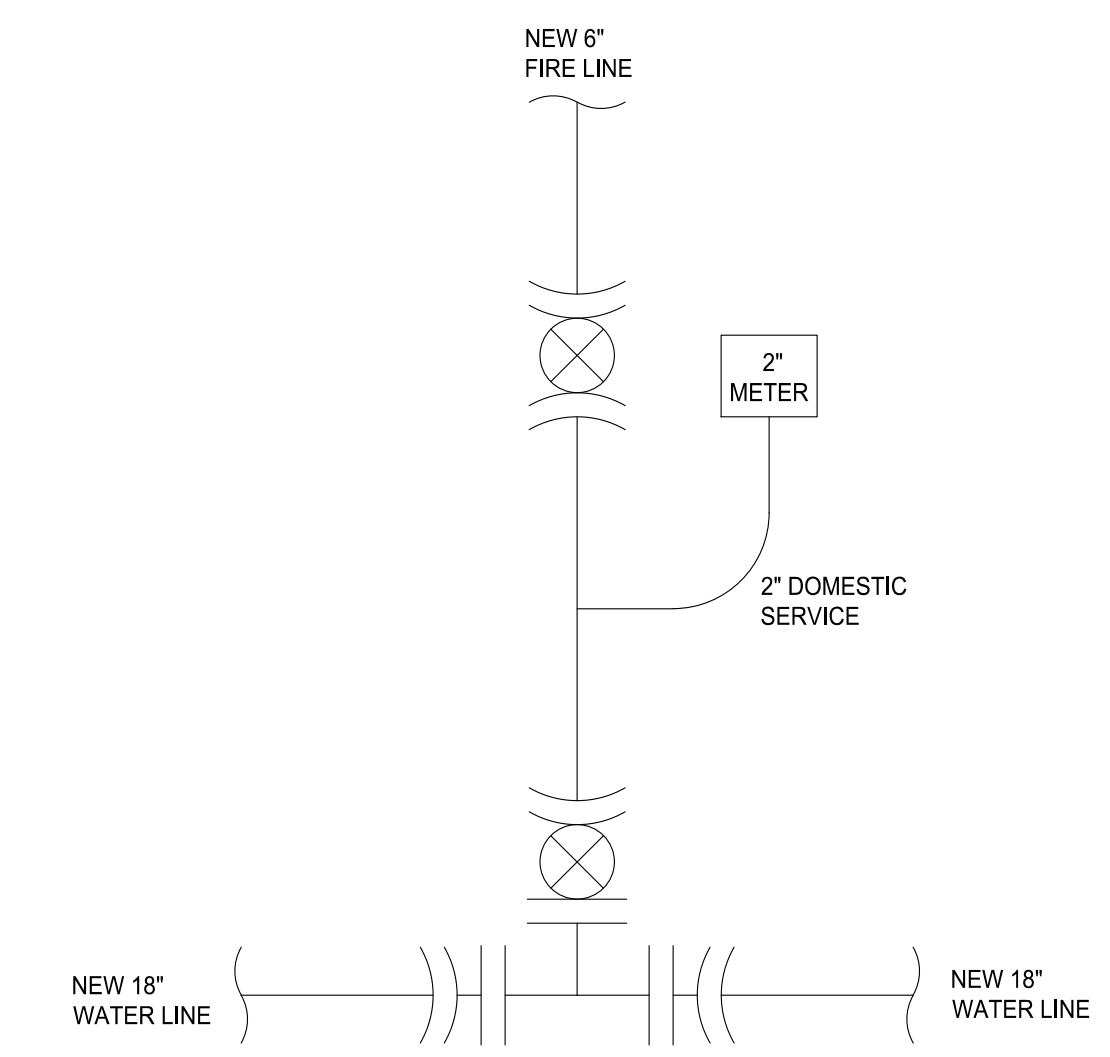
- ASSEMBLY COMPONENTS**
- (1) 18" x 18" ALL FLG CROSS
 - (2) 18" BLIND FLANGE (W&S)
 - (1) 18" FLG BV
 - (2) 18" FLG x MJ ADAPTER WITH RETAINER GLAND

4 CROSS ASSEMBLY
NTS



- ASSEMBLY COMPONENTS**
- (1) 18" x 6" ALL FLG TEE
 - (1) 18" BLIND FLANGE
 - (1) 18" FLG x MJ ADAPTER WITH RETAINER GLAND
 - (1) FIRE HYDRANT ASSEMBLY PER STANDARD DETAIL 504

5 END OF LINE ASSEMBLY
NTS



- ASSEMBLY COMPONENTS**
- (1) 18" x 6" ALL FLG TEE
 - (1) 6" FLG x MJ GV WITH RETAINER GLAND
 - (2) 18" FLG x MJ ADAPTORS WITH RETAINER GLAND
 - (1) 6" MJ x MJ GV WITH 2 RETAINER GLANDS

6 SERVICE CONNECTION ASSEMBLY
NTS

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Project

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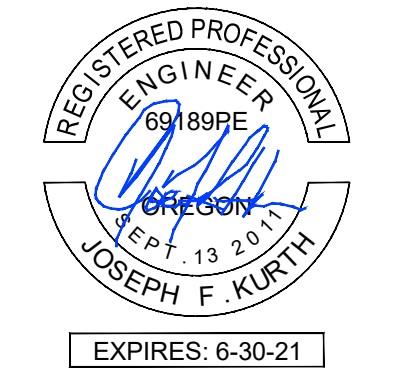


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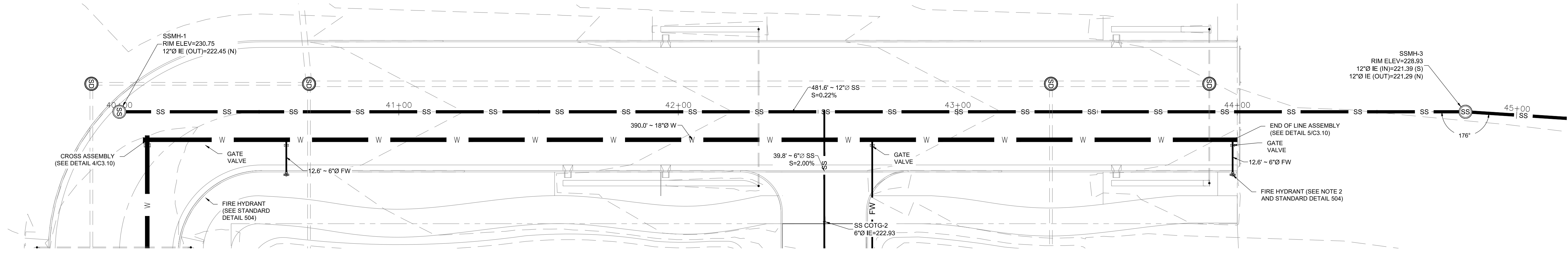
WEST ROW UTILITY PLAN AND PROFILE

Sheet No

C3.20

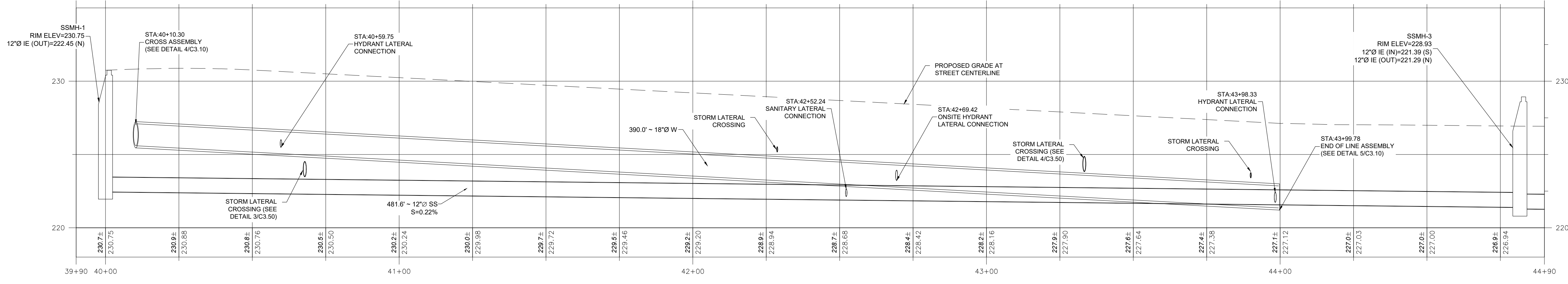
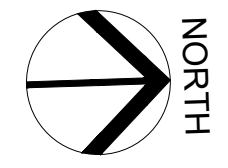
NOTES

- FOR WATER/SANITARY CROSSING WITH LESS THAN 18" OF VERTICAL SEPARATION, INSTALL CLSM SUPPORT PER DETAIL 3 THIS SHEET.
- BLOW OFF WATERLINE THROUGH 6" LINE PRIOR TO INSTALLING HYDRANT, THEN INSTALL HYDRANT PRIOR TO PRESSURE TESTING.



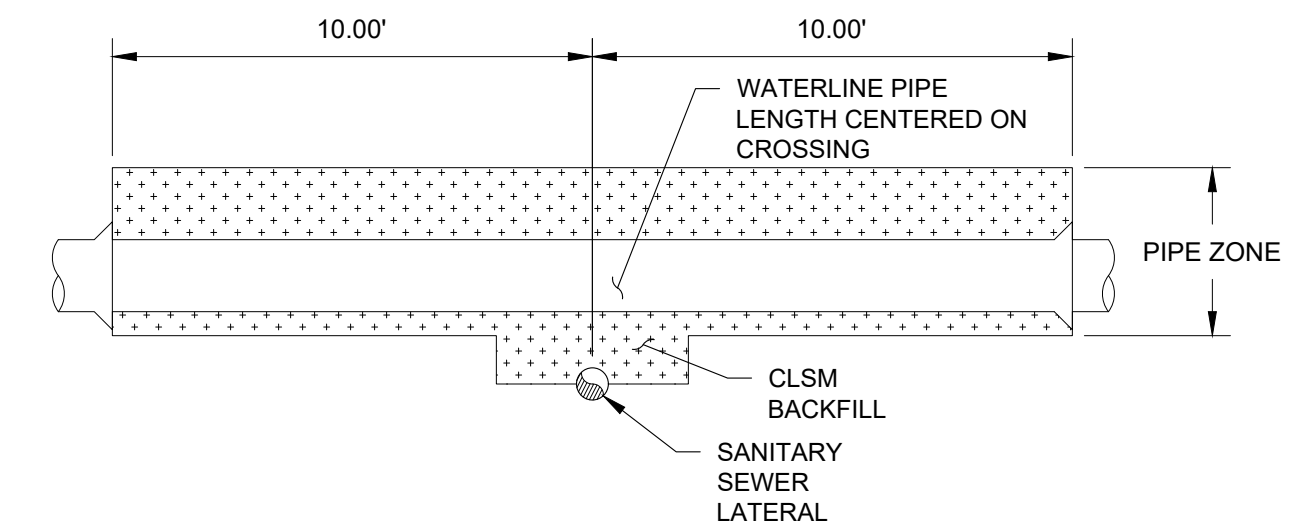
1 WEST ROW PUBLIC UTILITY PLAN (SOUTH)

1" = 20'



2 WEST ROW PUBLIC UTILITY PROFILE (SOUTH)

1" = 20' H, 1" = 4' V



3 WATER/SANITARY CLSM BACKFILL
NTS

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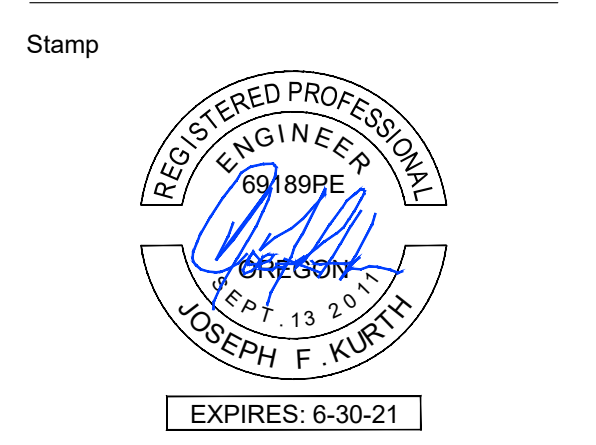
Project
Millersburg Fire Station 15
Old Salem Road
Millersburg, OR 97321



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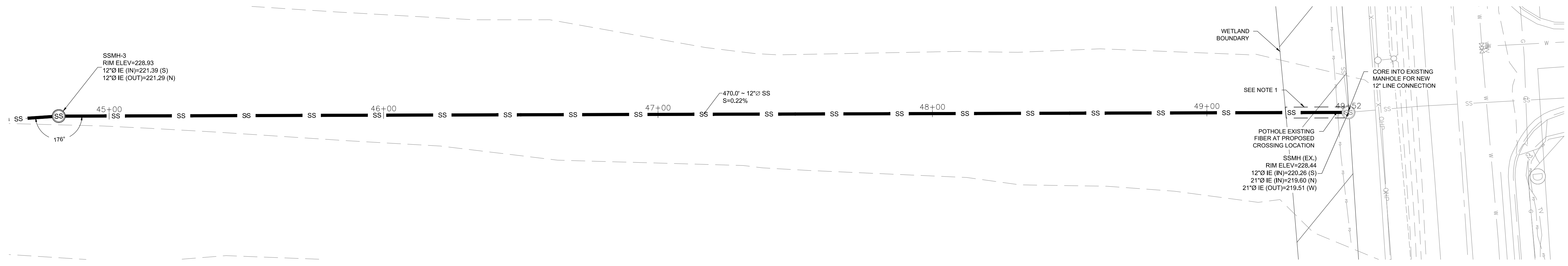
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Drawing Title
NORTH SANITARY SEWER PLAN AND PROFILE

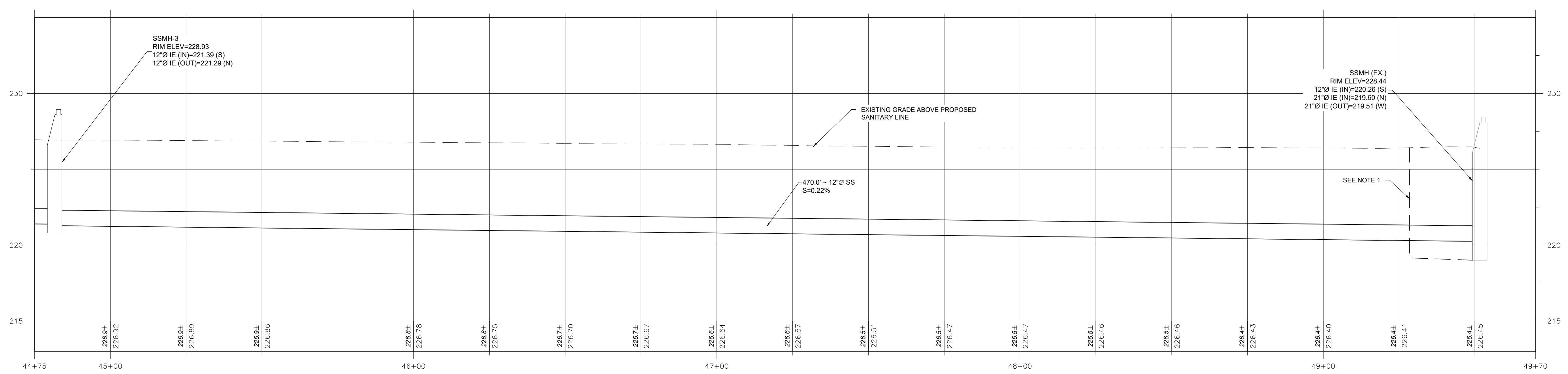
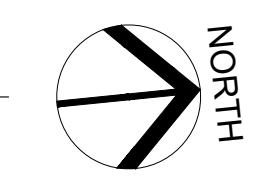
Sheet No
C3.30

NOTES

1. MINIMIZE DISTURBANCE OF SOIL THROUGH WETLAND AREA. TRENCH SHALL BE A MAXIMUM OF 4 FEET WIDE. NO ADDITIONAL SOIL DISTURBANCE WITHIN THE WETLAND AREA SHALL BE ALLOWED.



1 WEST ROW PUBLIC UTILITY PLAN (NORTH)
1" = 20'



2 WEST ROW PUBLIC UTILITY PROFILE (NORTH)
1" = 20' H, 1" = 4' V

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**Millersburg Fire
Station 15**
Old Salem Road
Millersburg, OR 97321



Project

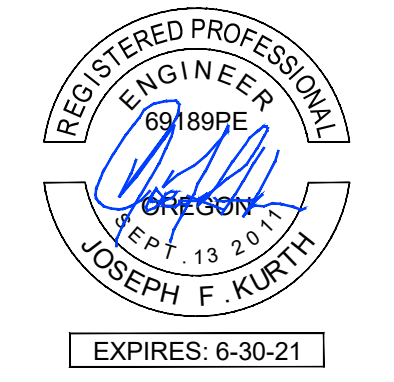
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Project Number

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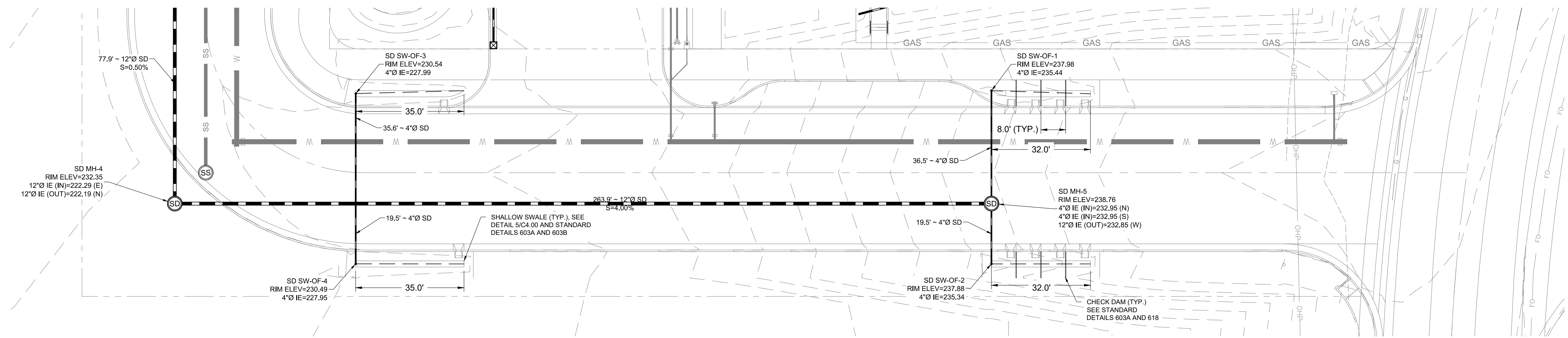
**SOUTH ROW STORM
PLAN AND PROFILE**

Sheet No

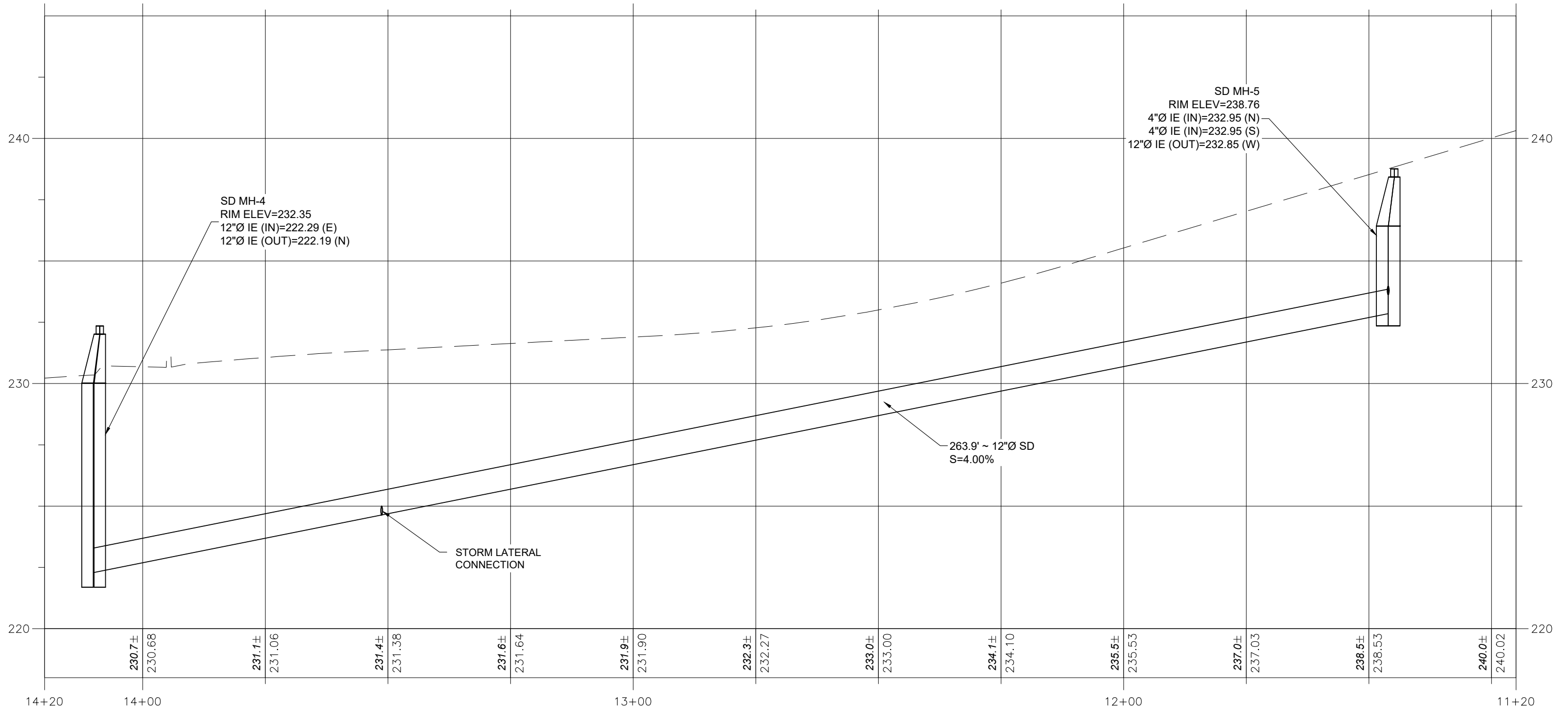
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ROW STORM NOTES

1. SLOPE ALL ROADSIDE SWALE OVERFLOW LATERALS AS NECESSARY TO AVOID CONFLICTS WITH CROSSING UTILITIES. MAINTAIN A MINIMUM 2% SLOPE.



1 SOUTH ROW STORM PLAN
1" = 20'

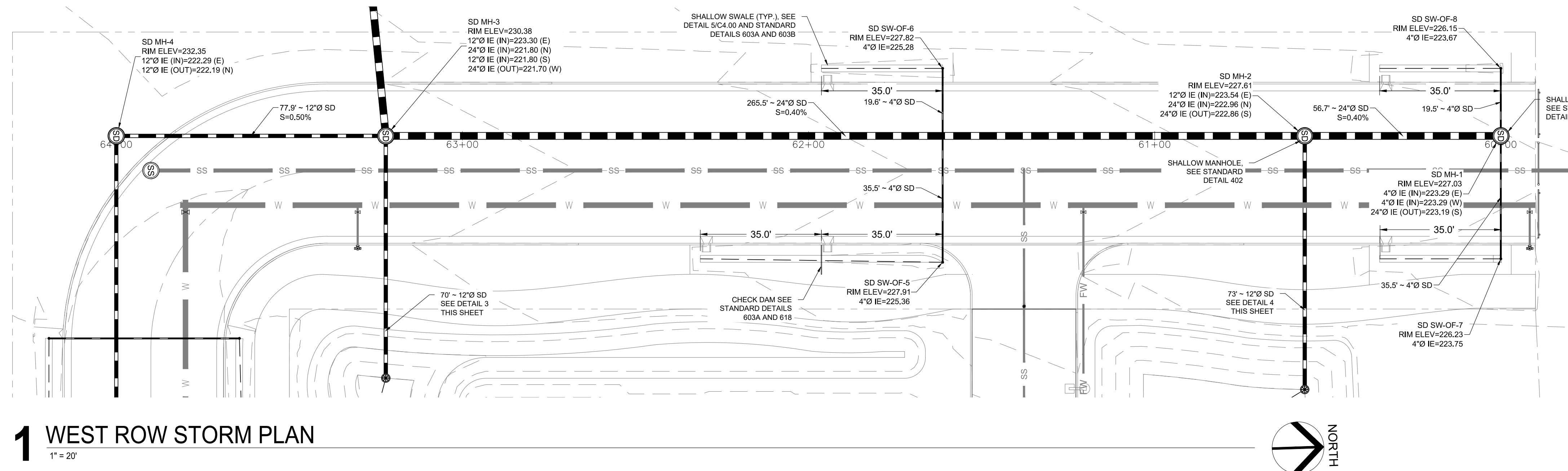


2 SOUTH ROW STORM PROFILE
1" = 20' H, 1" = 4' V

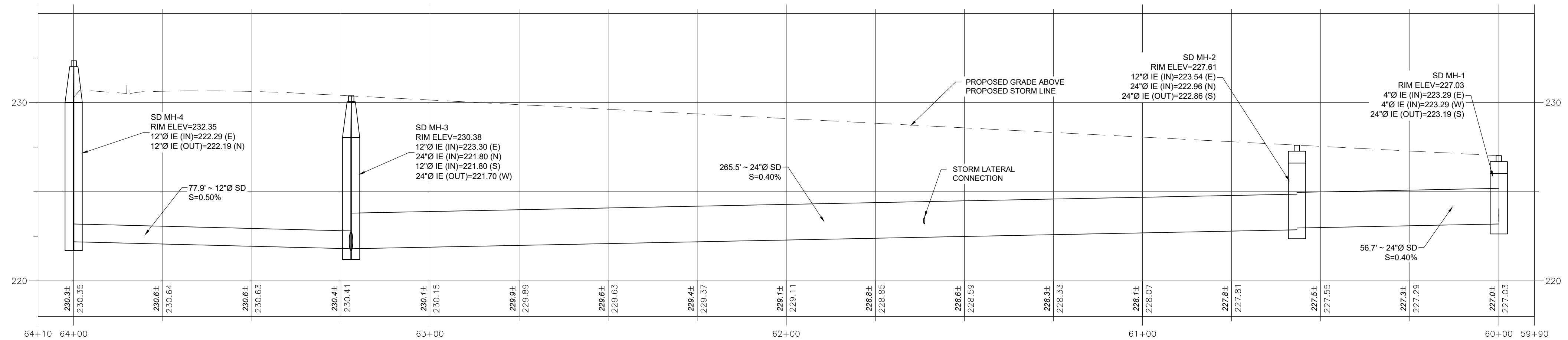
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ROW STORM NOTES

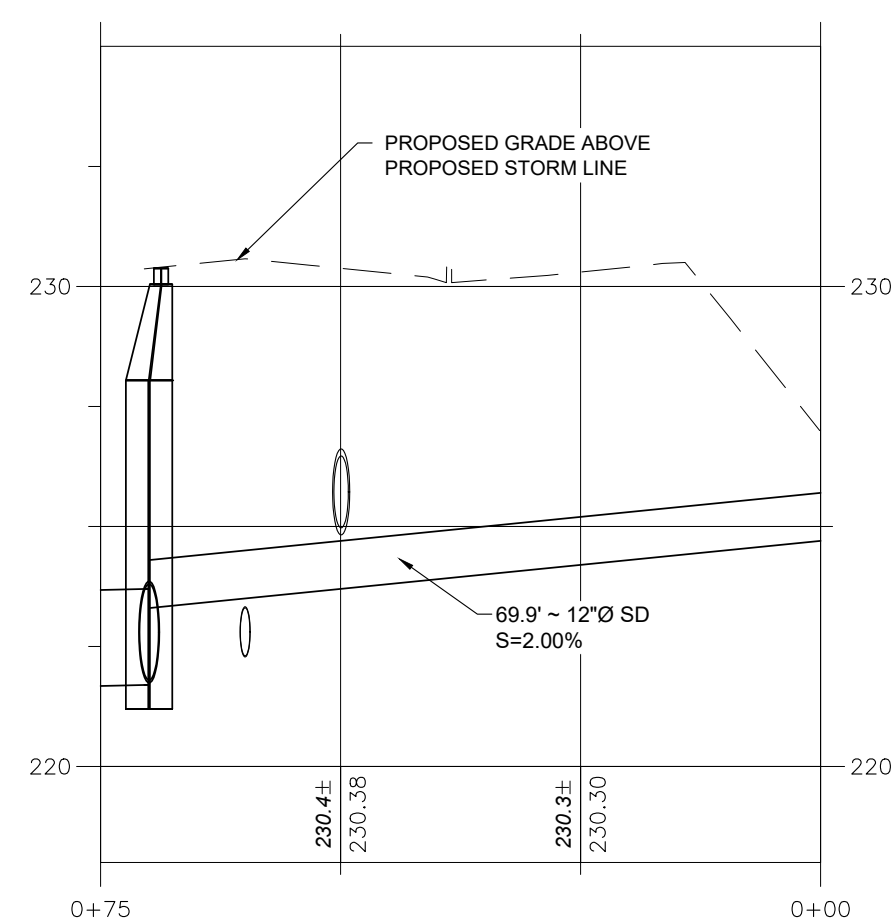
1. SLOPE ALL ROADSIDE SWALE OVERFLOW LATERALS AS NECESSARY TO AVOID CONFLICTS WITH CROSSING UTILITIES. MAINTAIN A MINIMUM 2% SLOPE.
2. FOR STORM/WATER OR STORM/SANITARY CROSSINGS WITH LESS THAN 12" OF VERTICAL SEPARATION, INSTALL CLSM SUPPORT PER DETAIL 5 THIS SHEET.



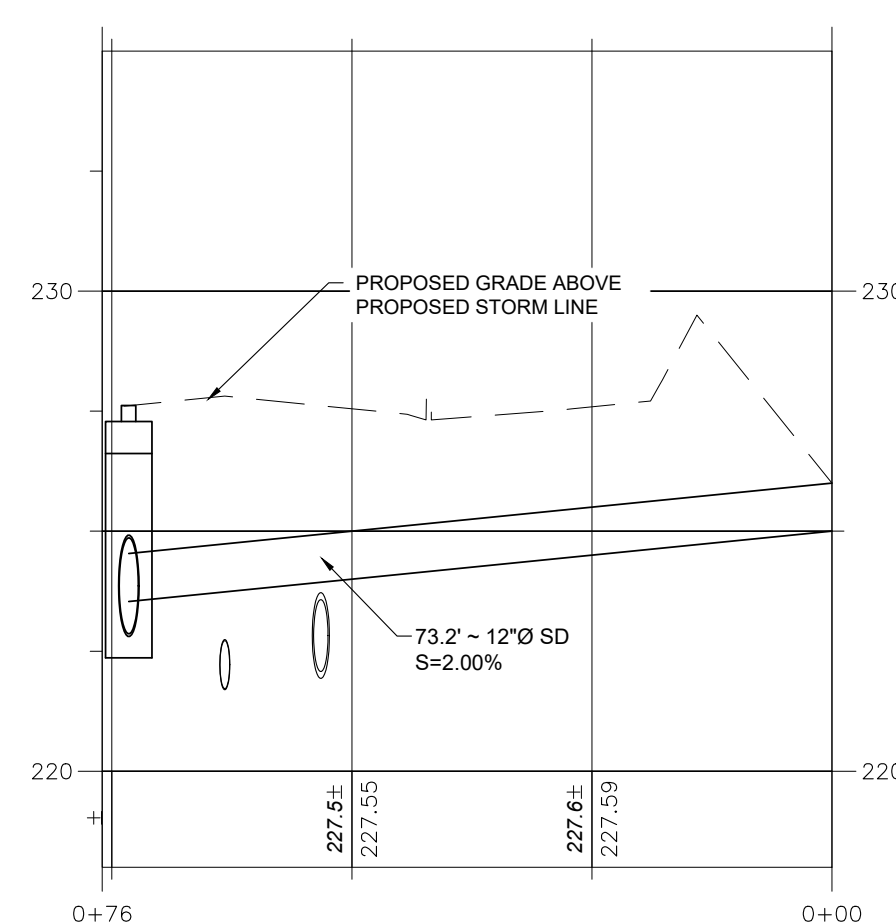
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1" = 20'



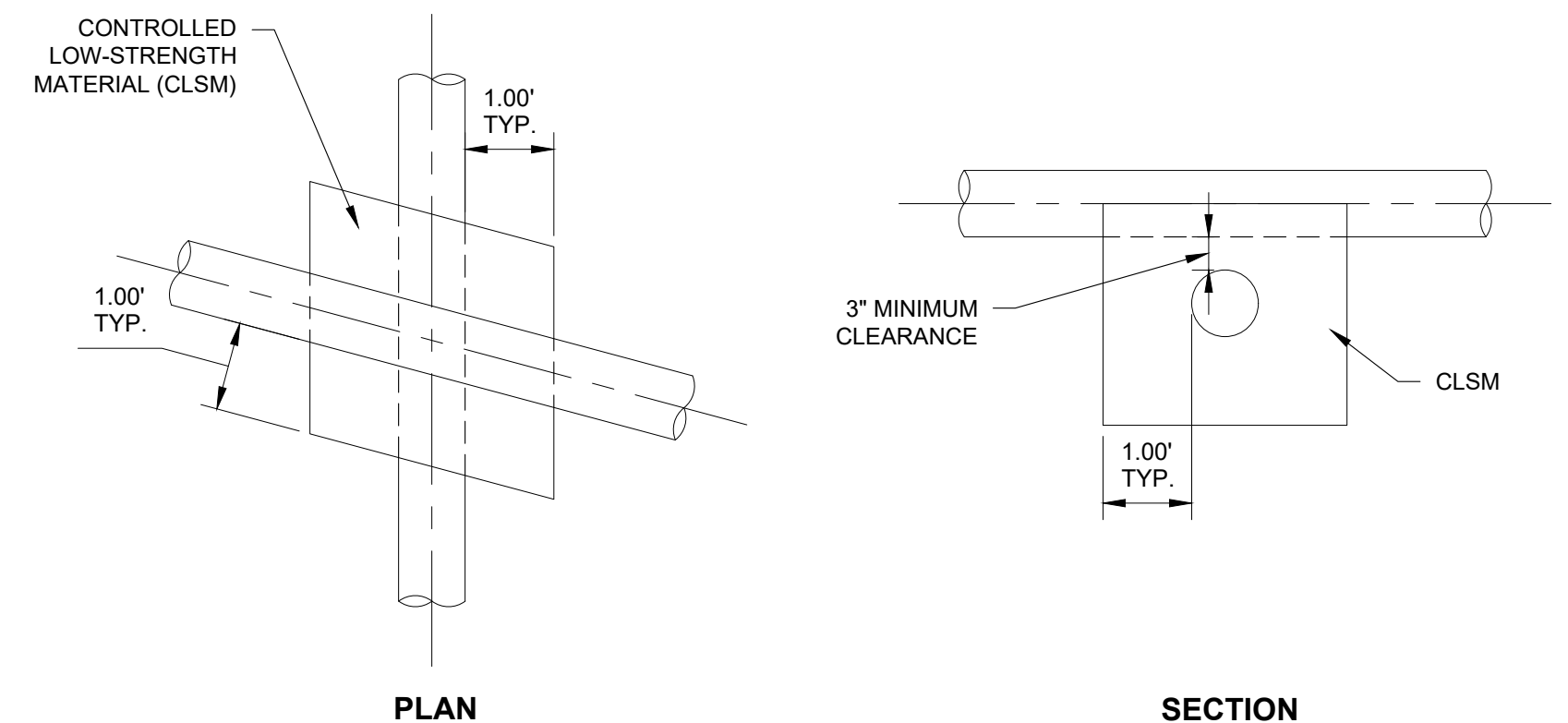
2 WEST ROW STORM PROFILE
1" = 20' H, 1" = 4' V



3 SOUTH OVERFLOW LATERAL PROFILE
1" = 20' H, 1" = 4' V



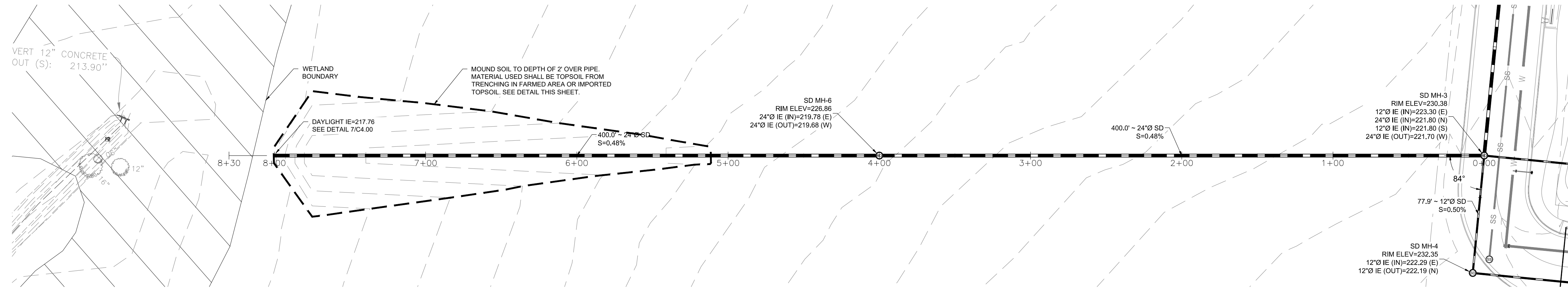
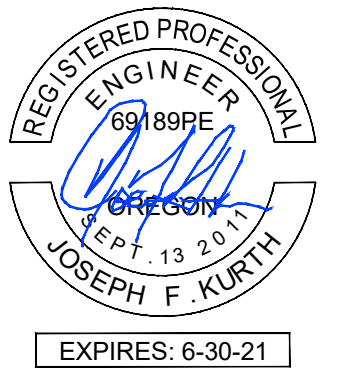
4 NORTH OVERFLOW LATERAL PROFILE
1" = 20' H, 1" = 4' V



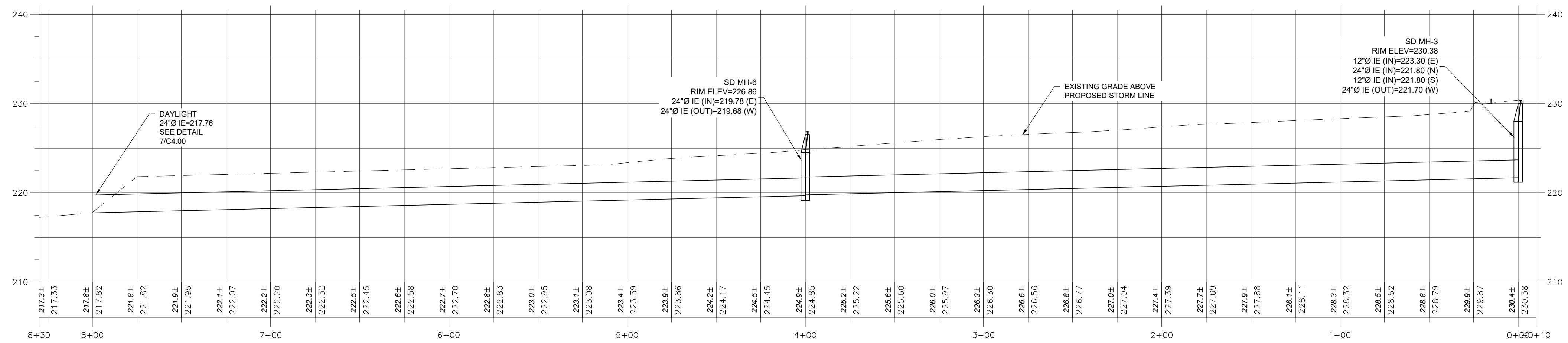
NOTES

1. FOR CLSM REQUIREMENTS, REFER TO THE OREGON DOT STANDARD SPECIFICATION FOR CONSTRUCTION, SECTION 00442, 2021 EDITION.

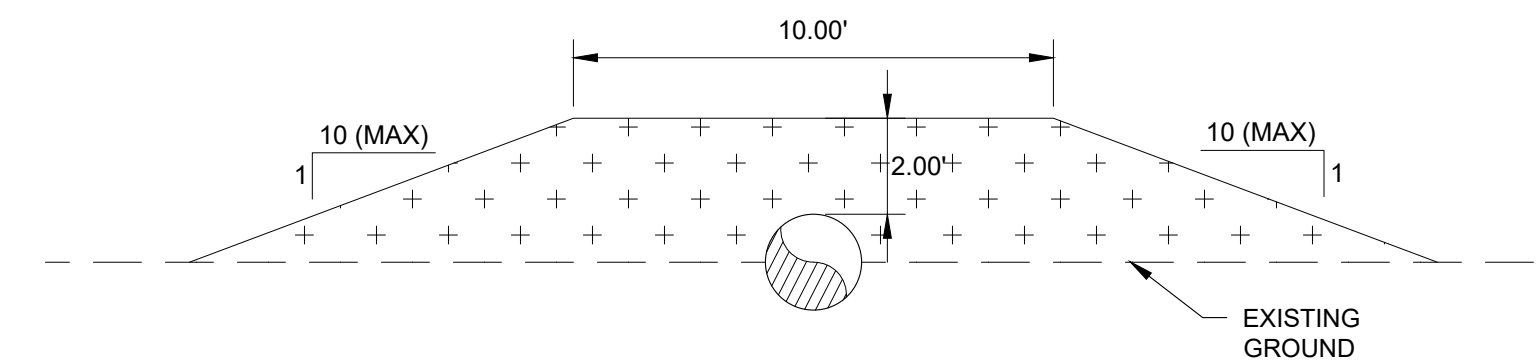
5 CLSM SUPPORT
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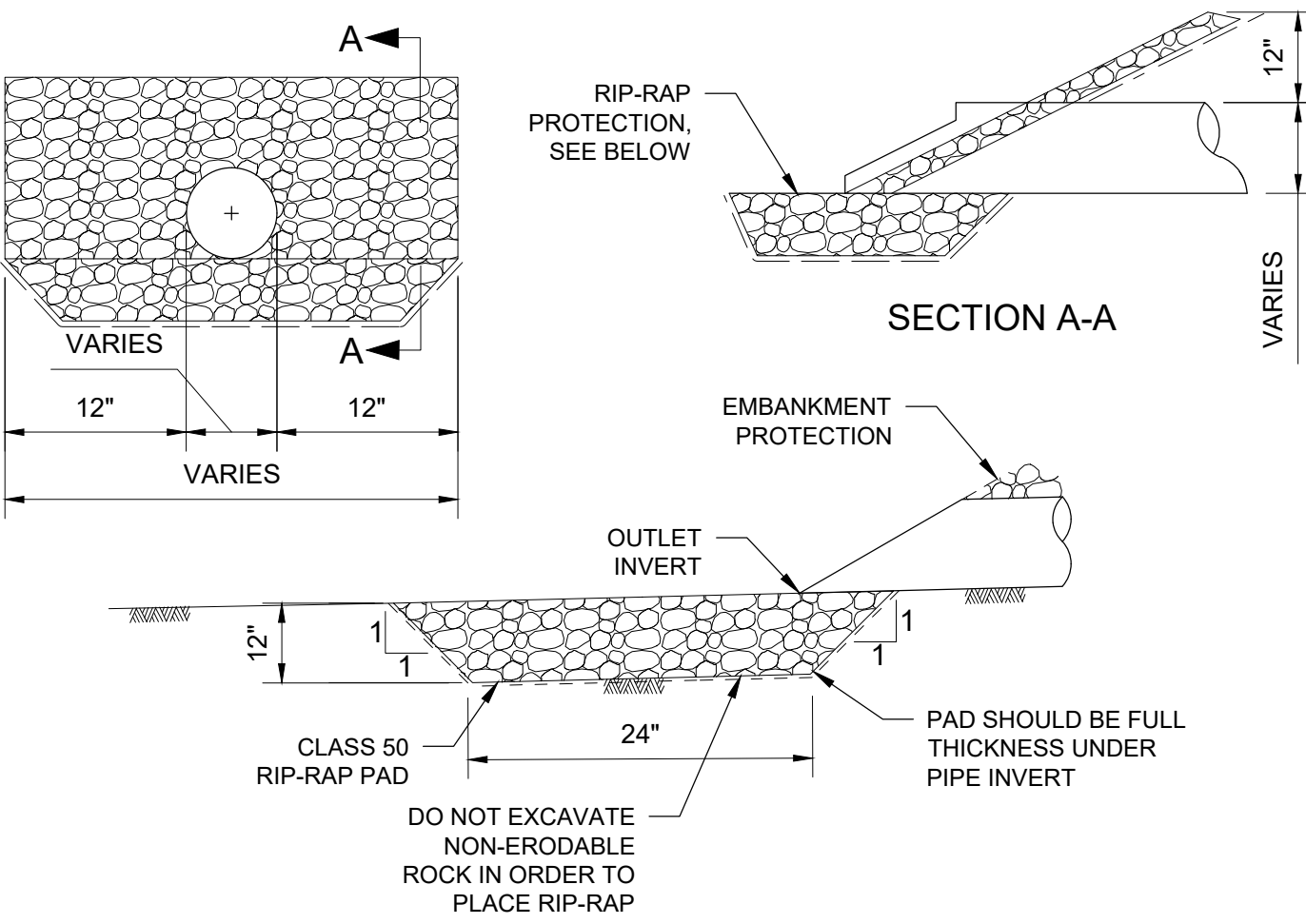
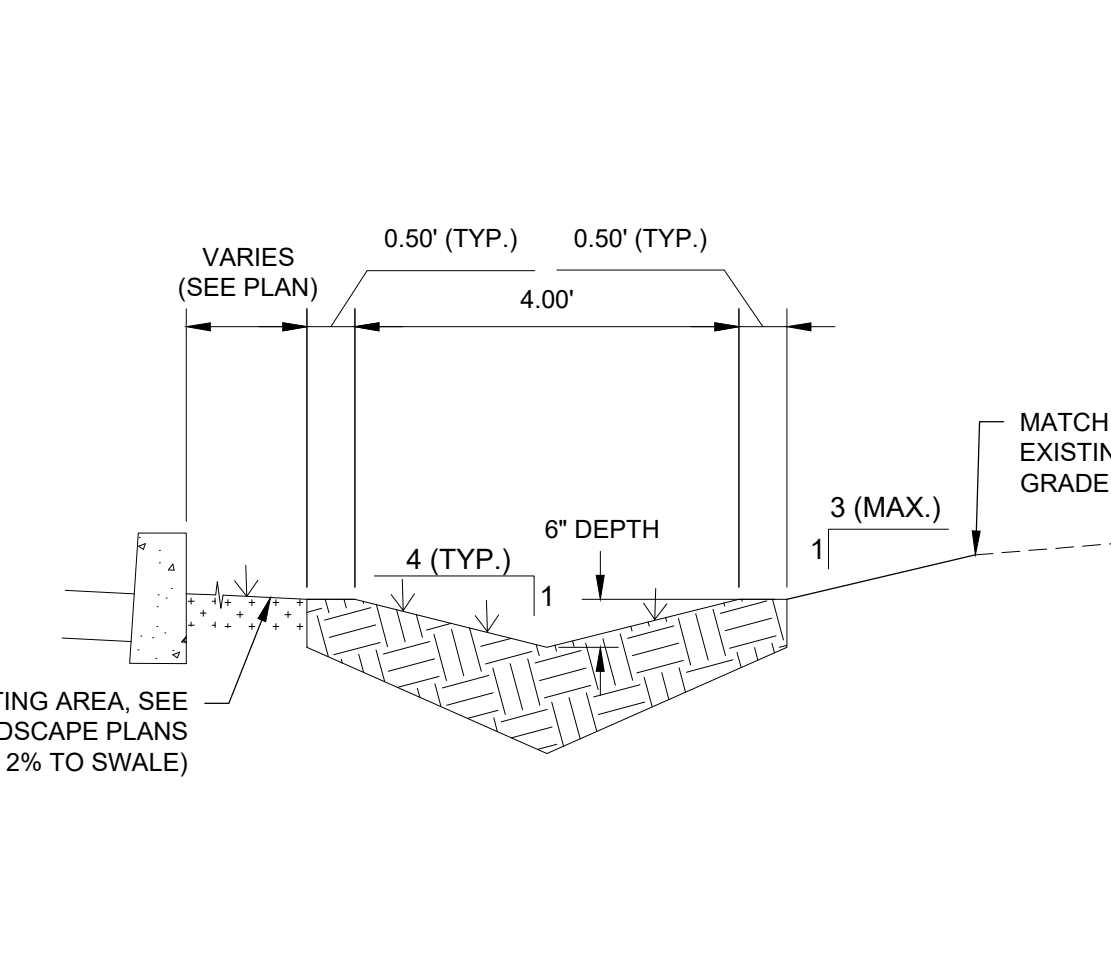
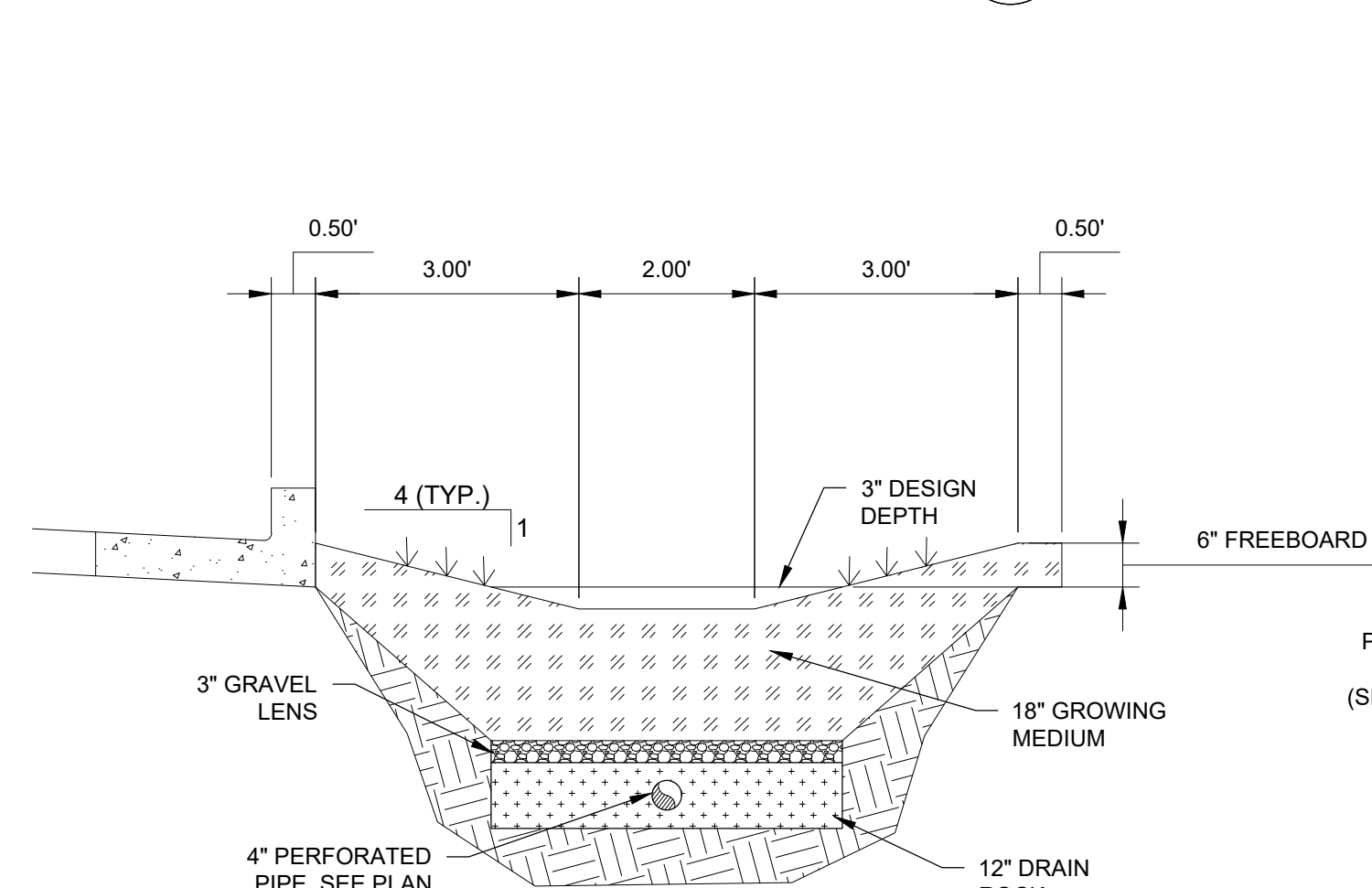
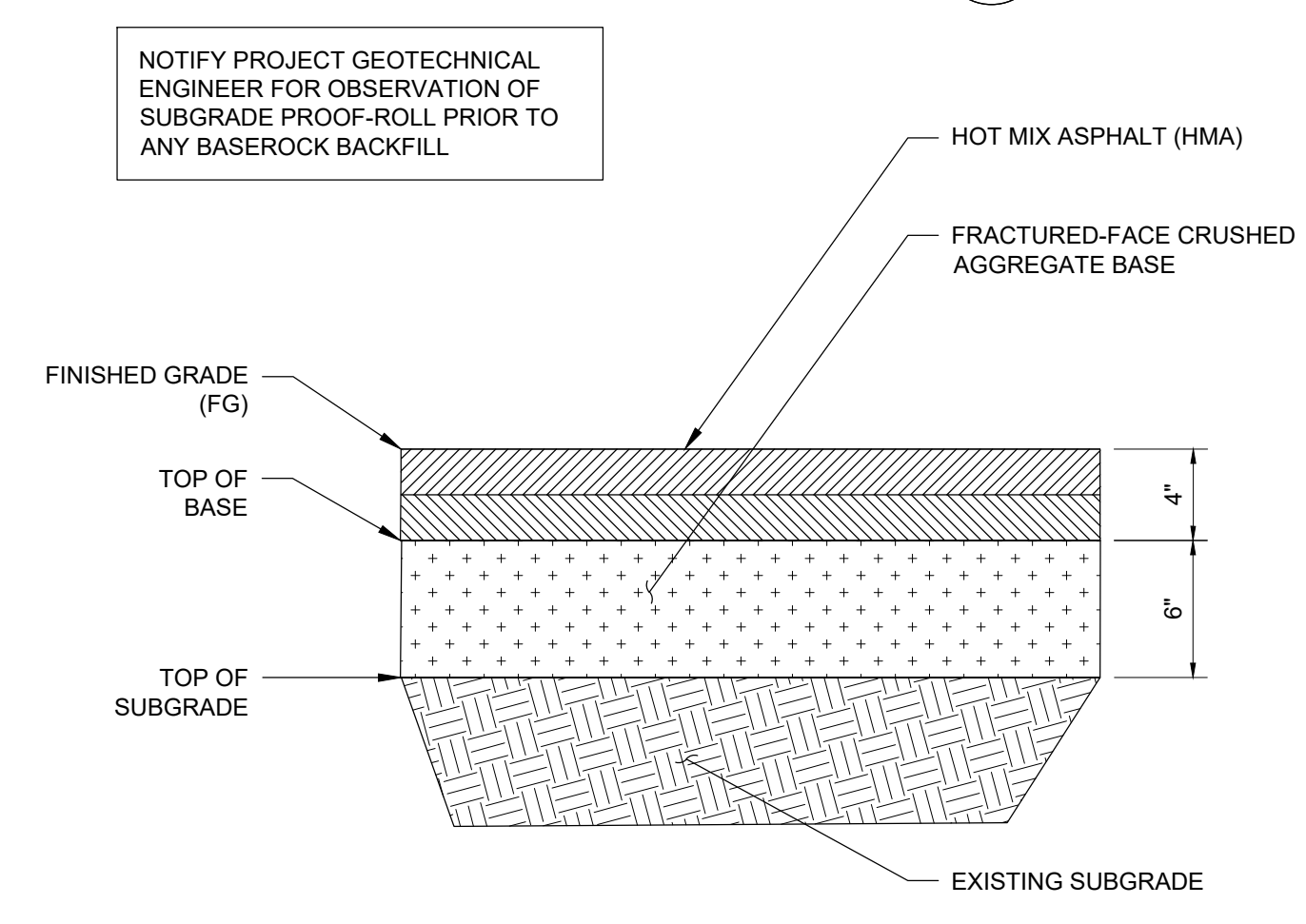
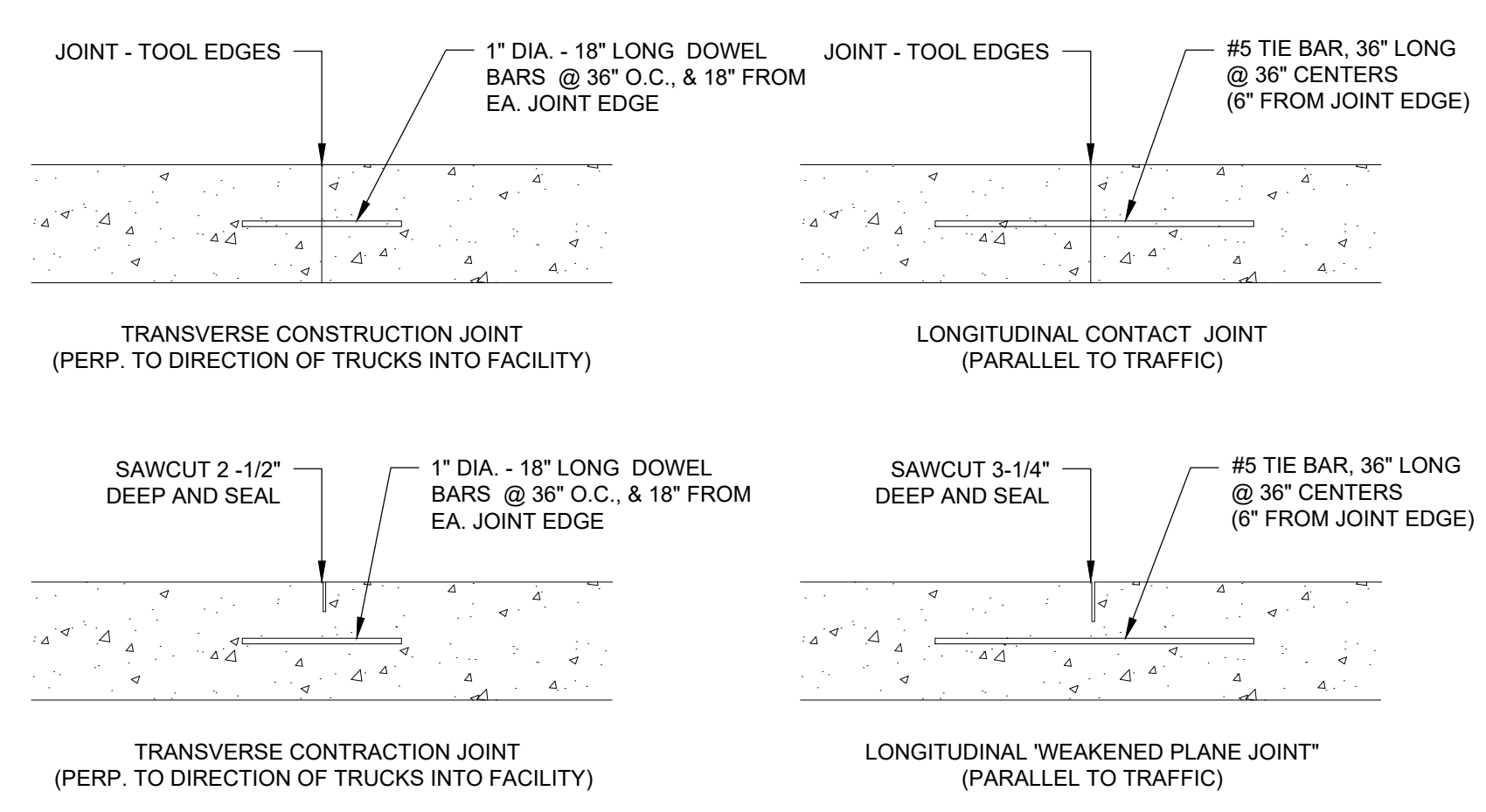
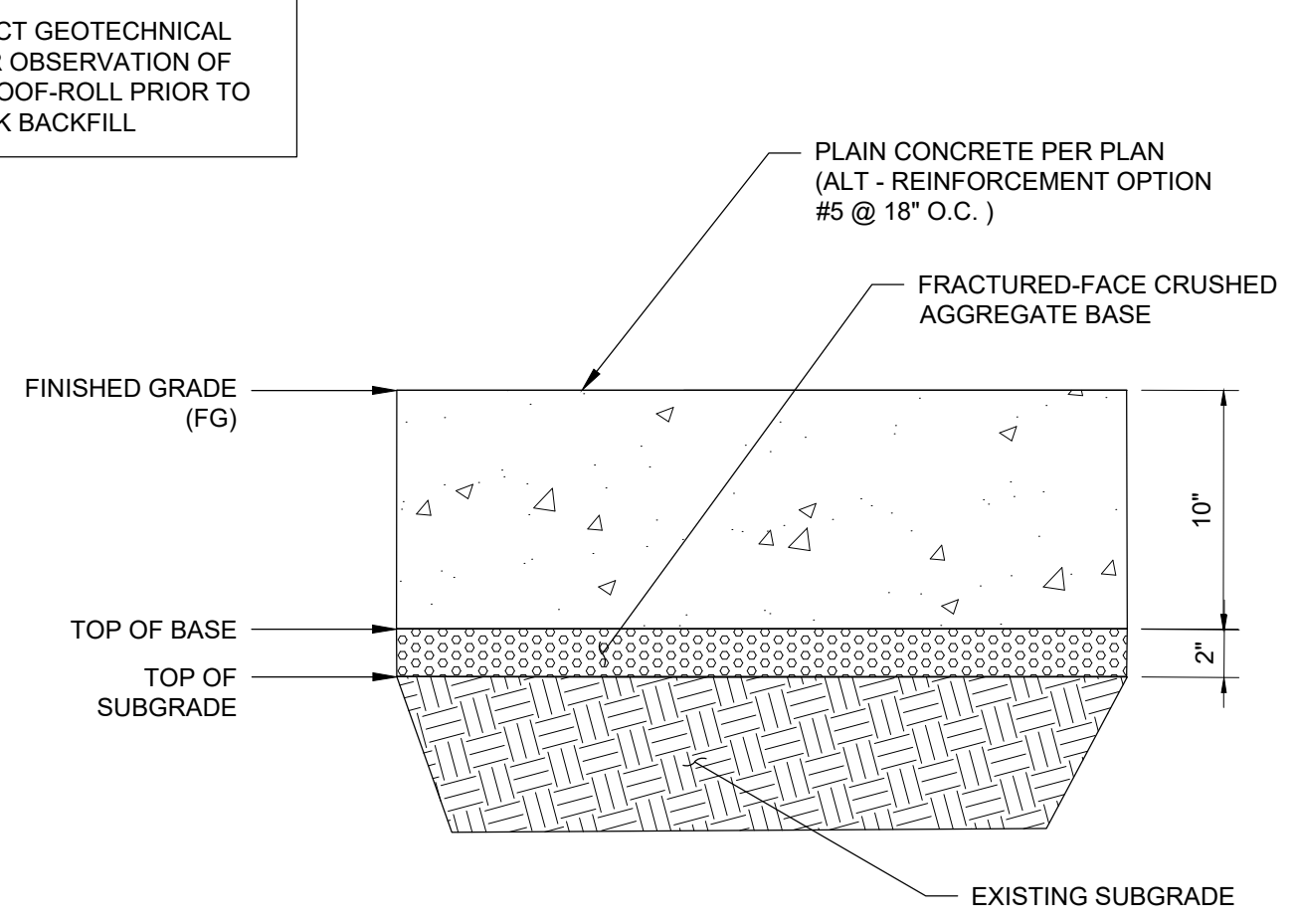
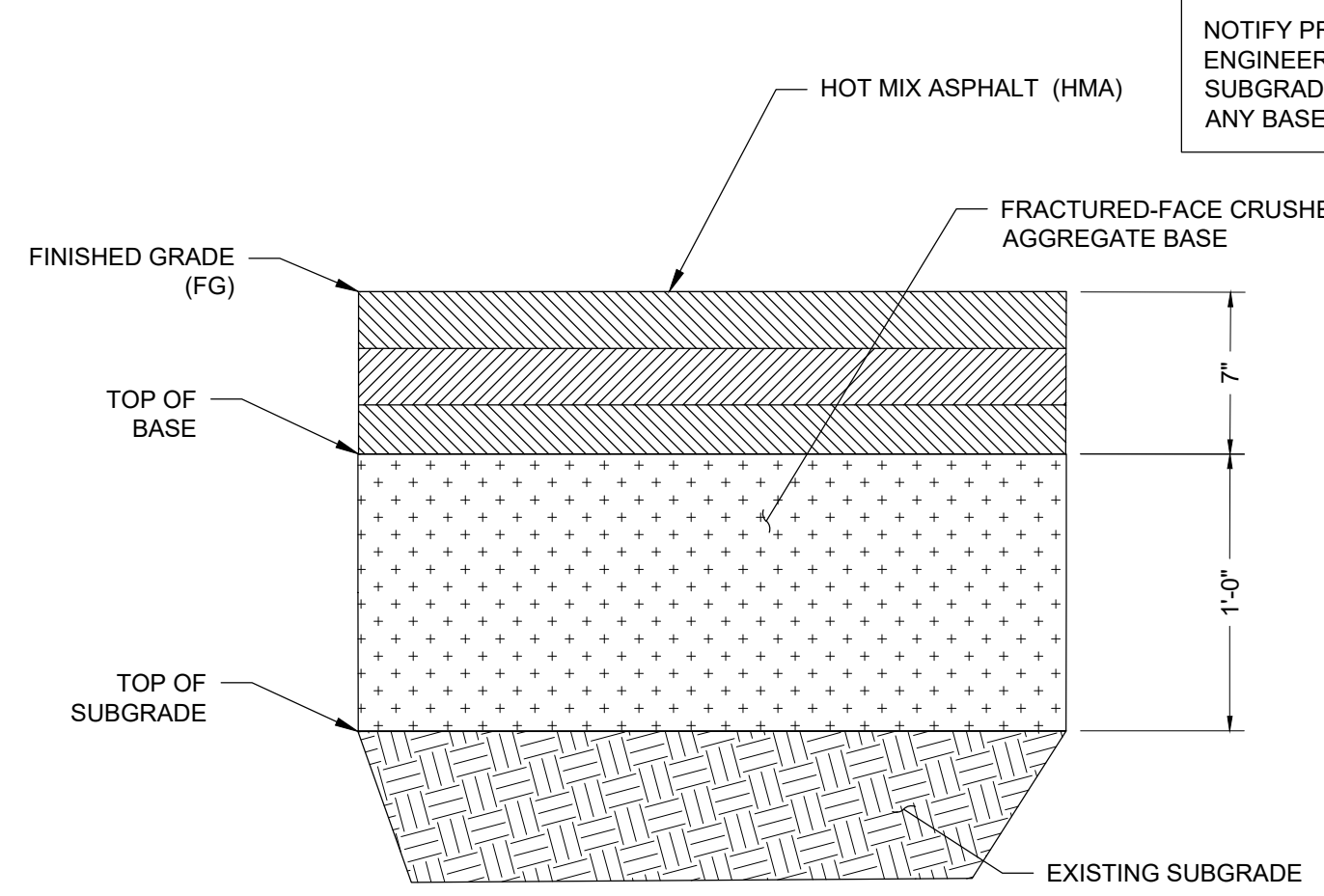
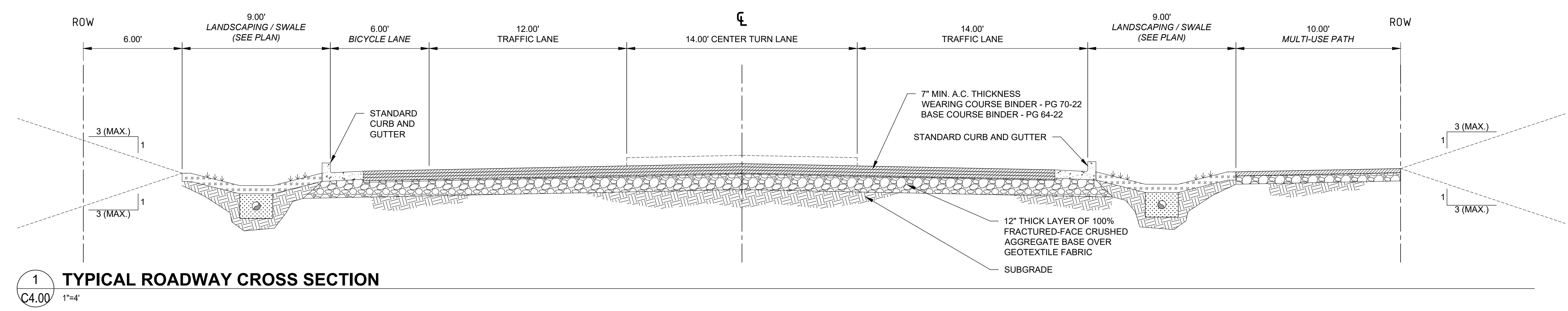
1 WEST STORM OUTFALL PLAN
1" = 40'



2 WEST STORM OUTFALL PROFILE
1" = 40' H, 1" = 8' V



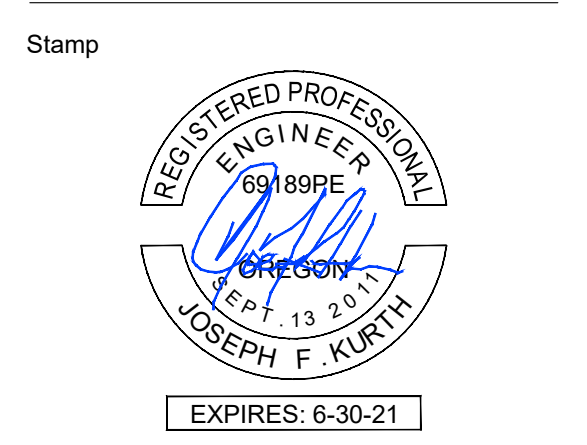
3 OUTFALL PIPE COVER DETAIL
NTS



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Revisions

No.	Description	Date



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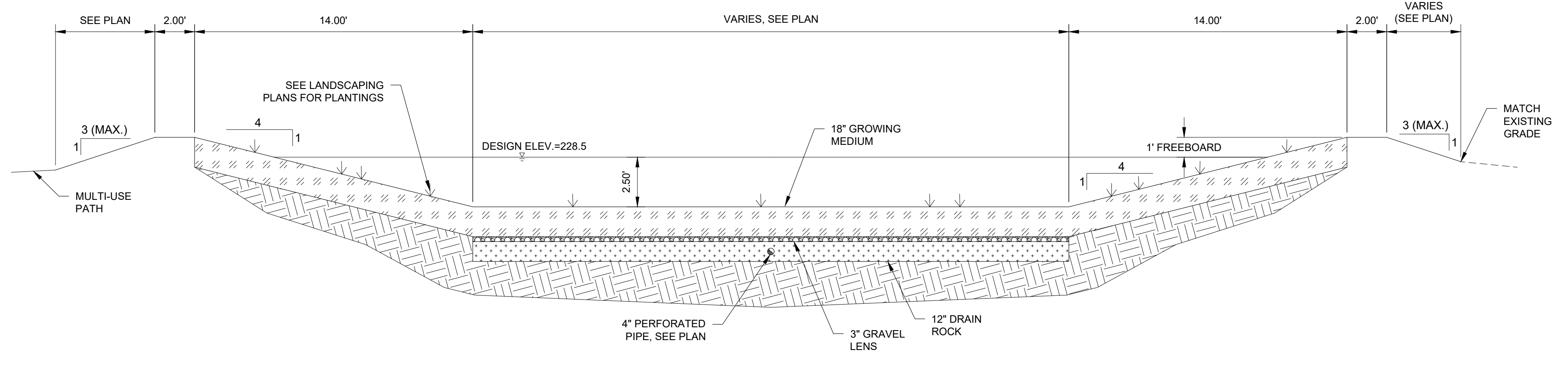
Date
2/3/21

Project Number
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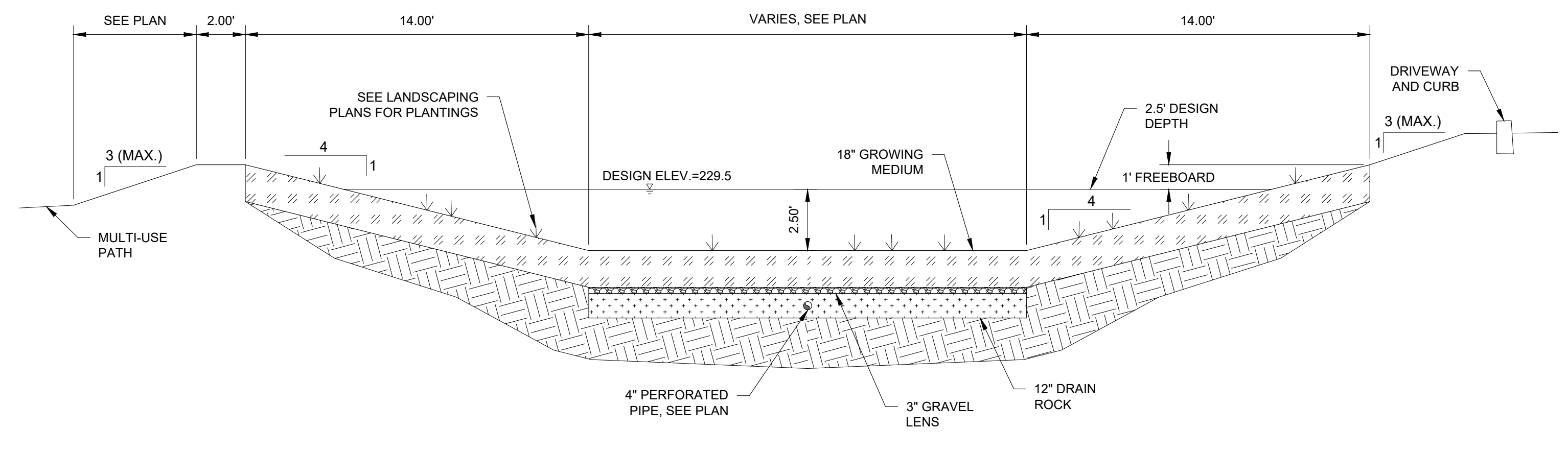
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DETAILS

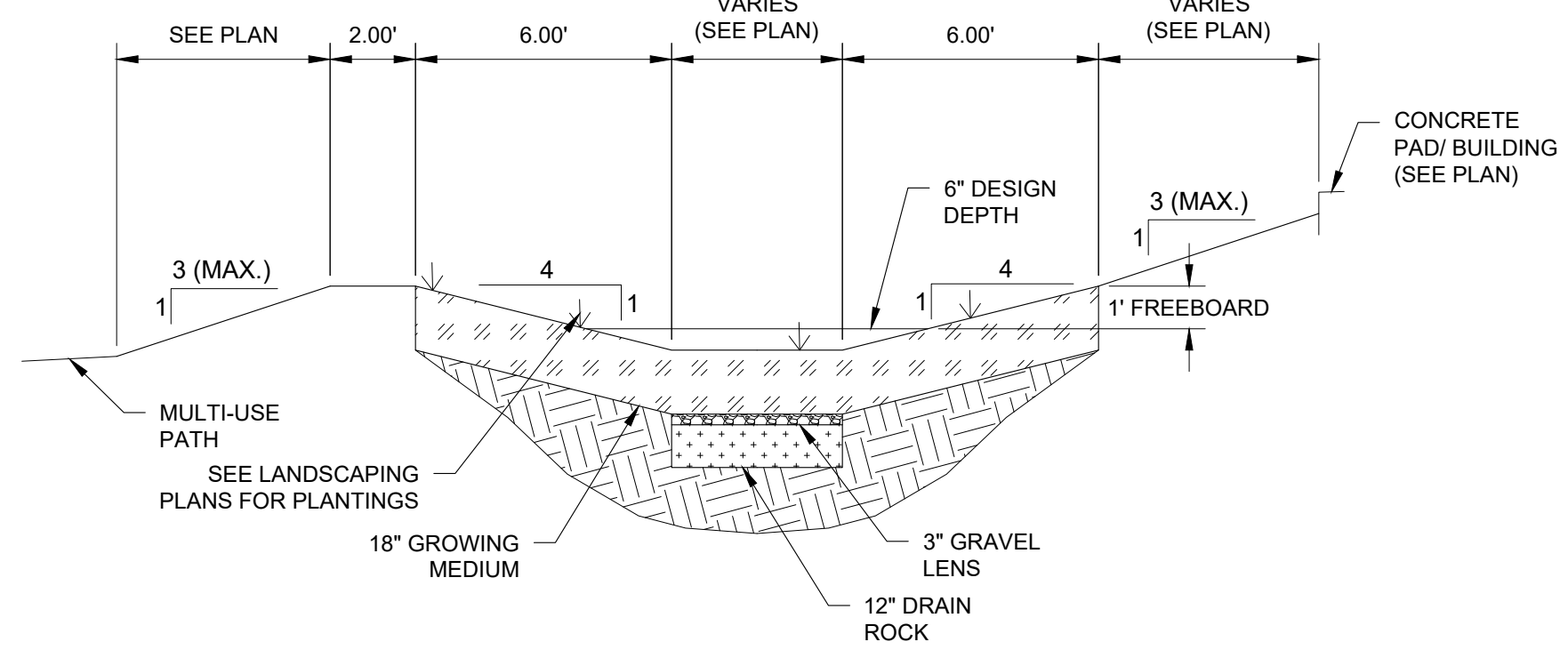
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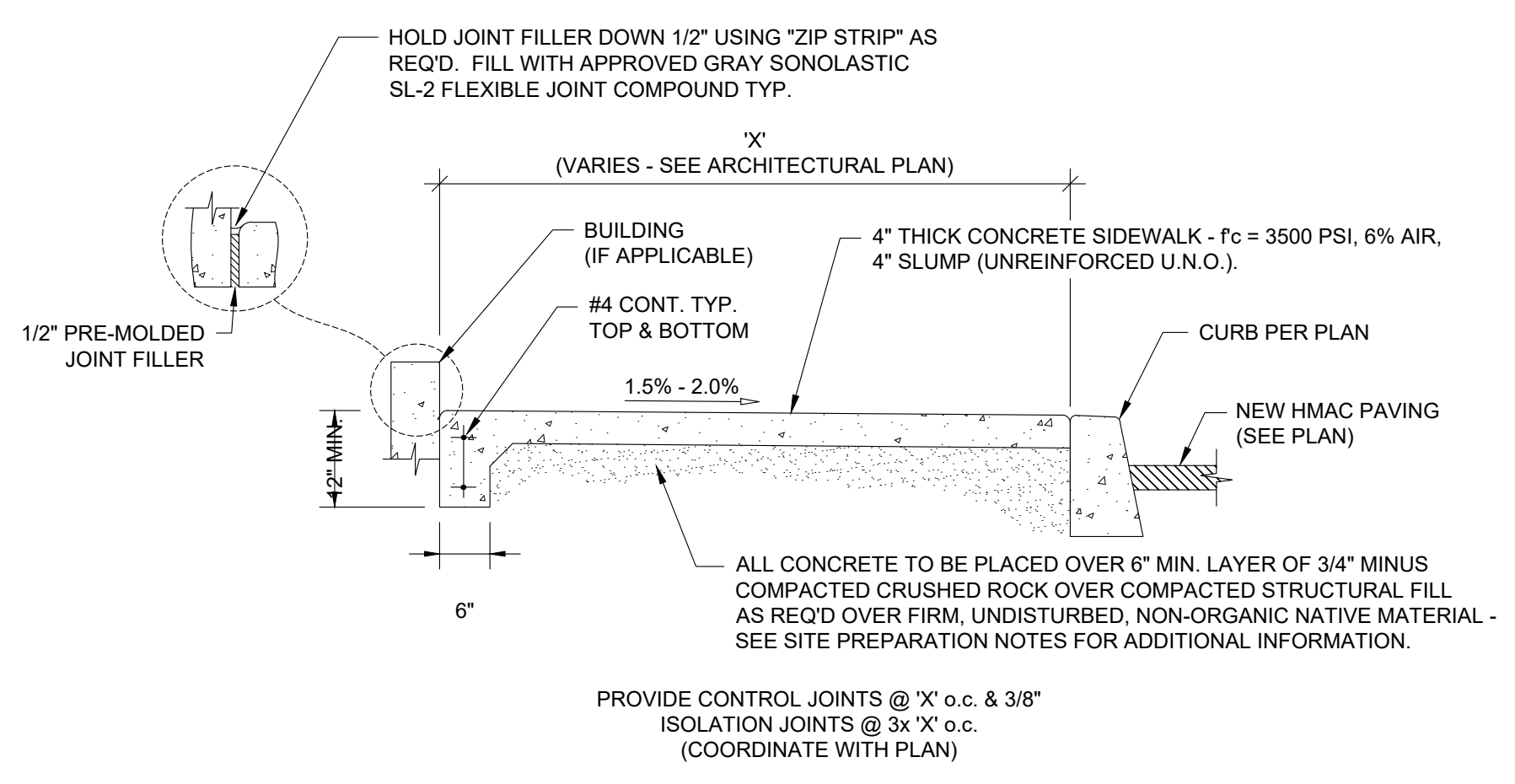
1 NORTH POND SECTION
C4.10 NTS



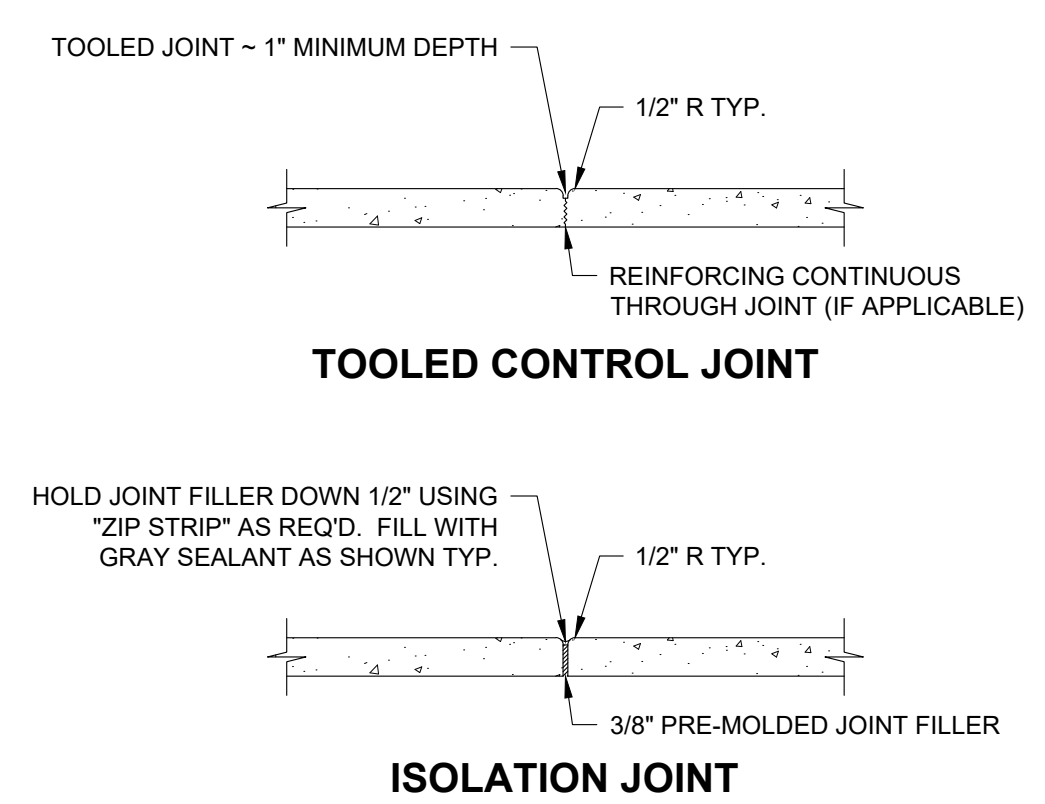
3 SOUTH POND SECTION 2
C4.10 NTS



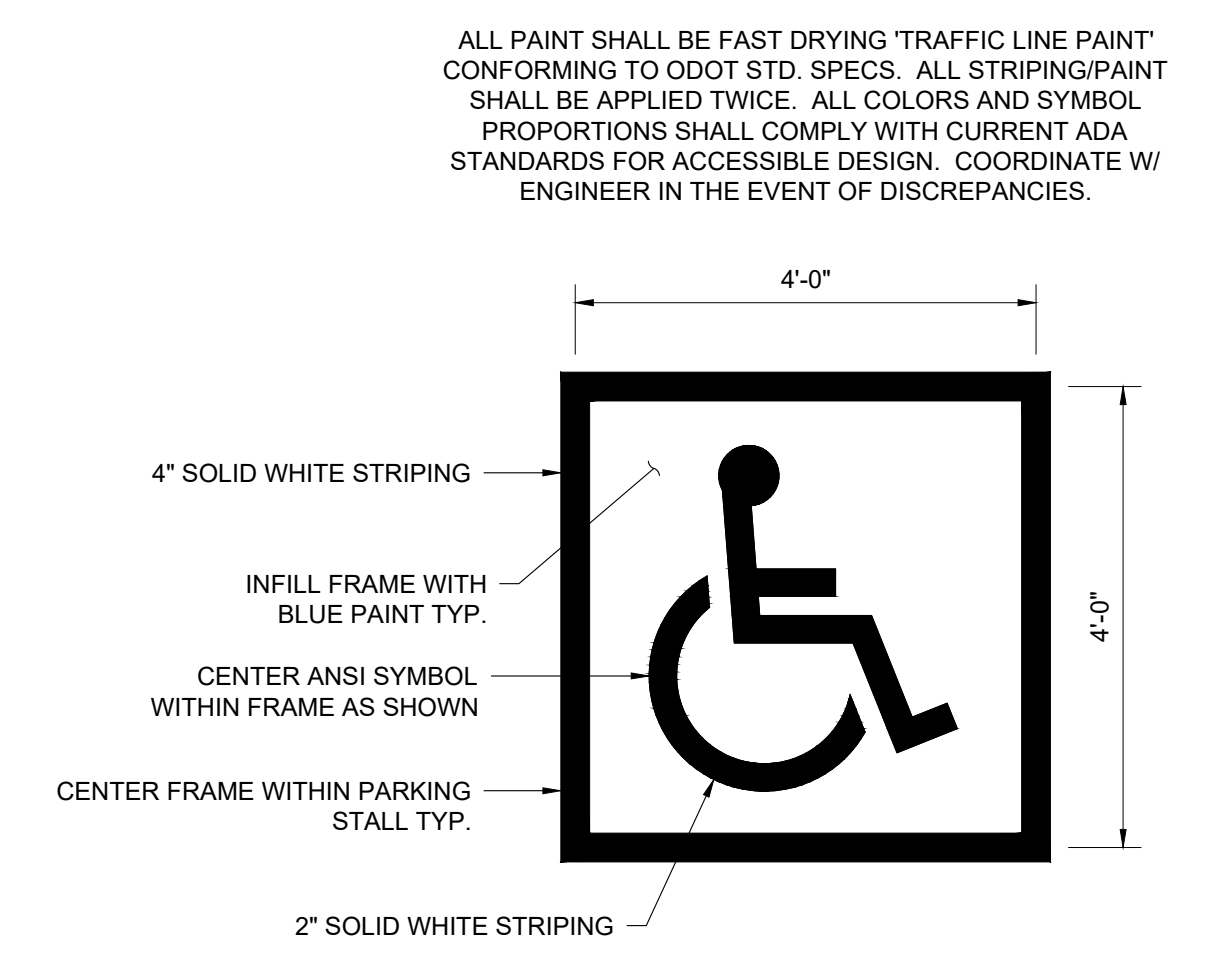
2 SOUTH POND SECTION 1
C4.10 NTS



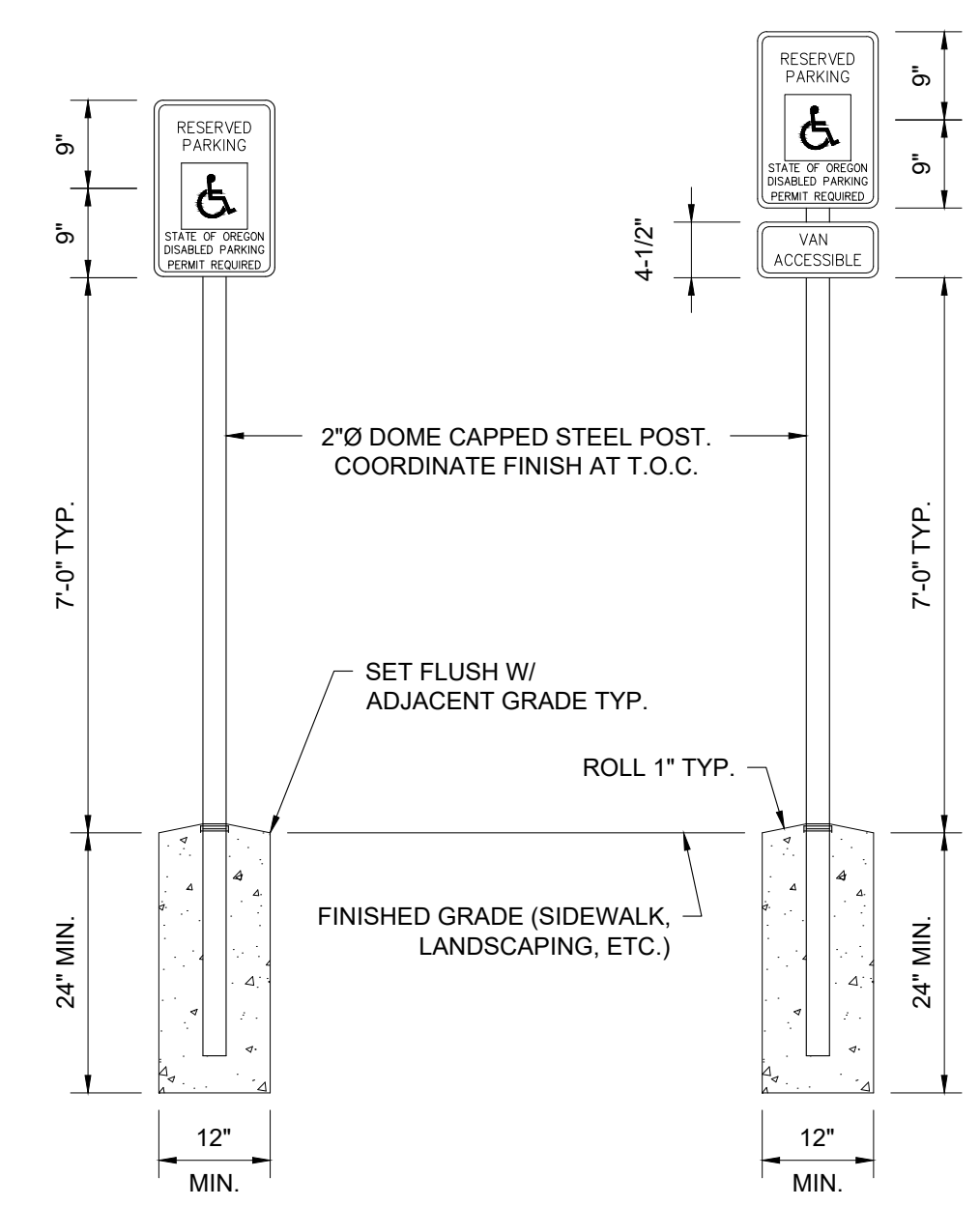
4 PRIVATE SIDEWALK SECTION WITH CURB
C4.10 NTS



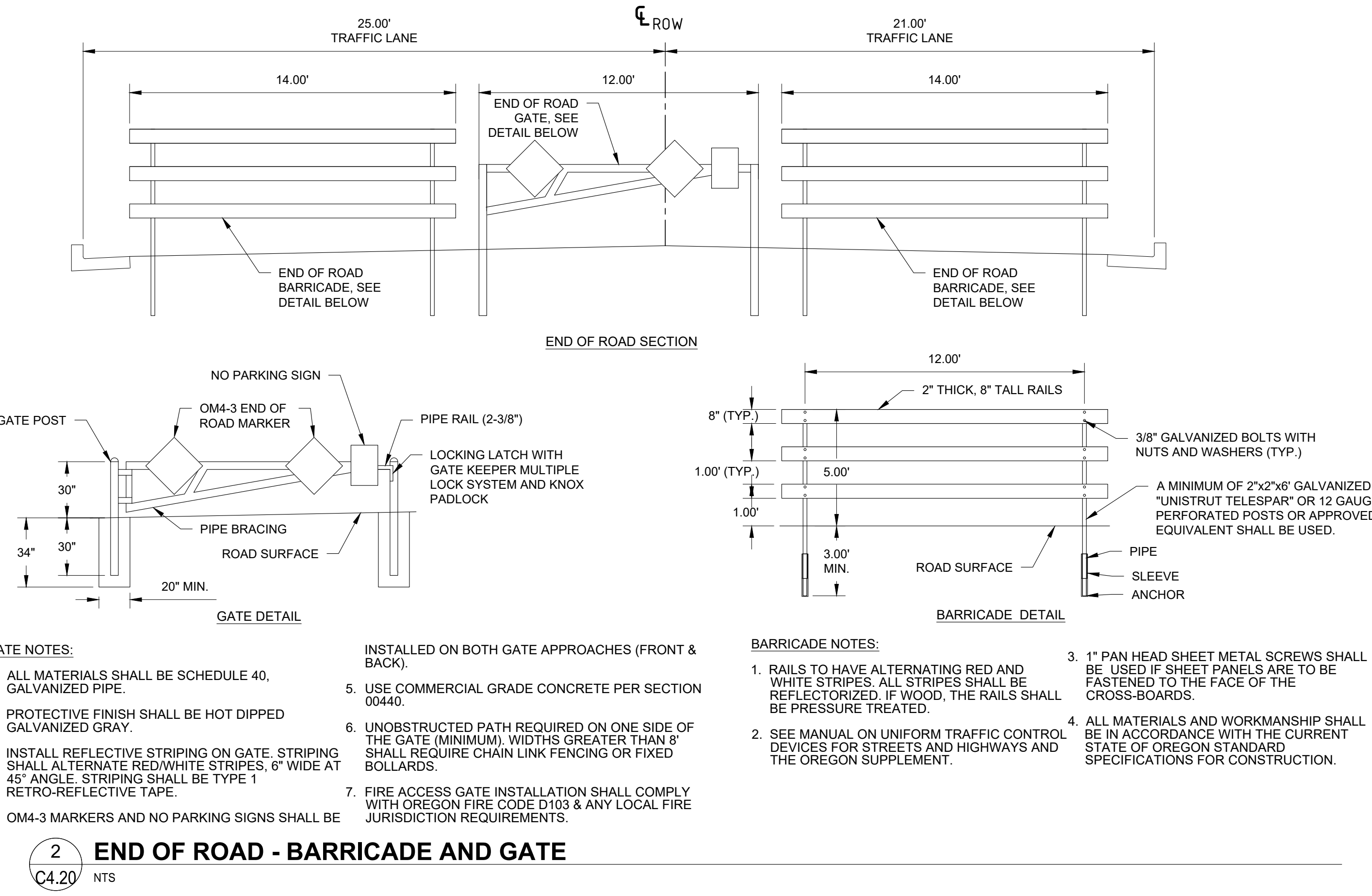
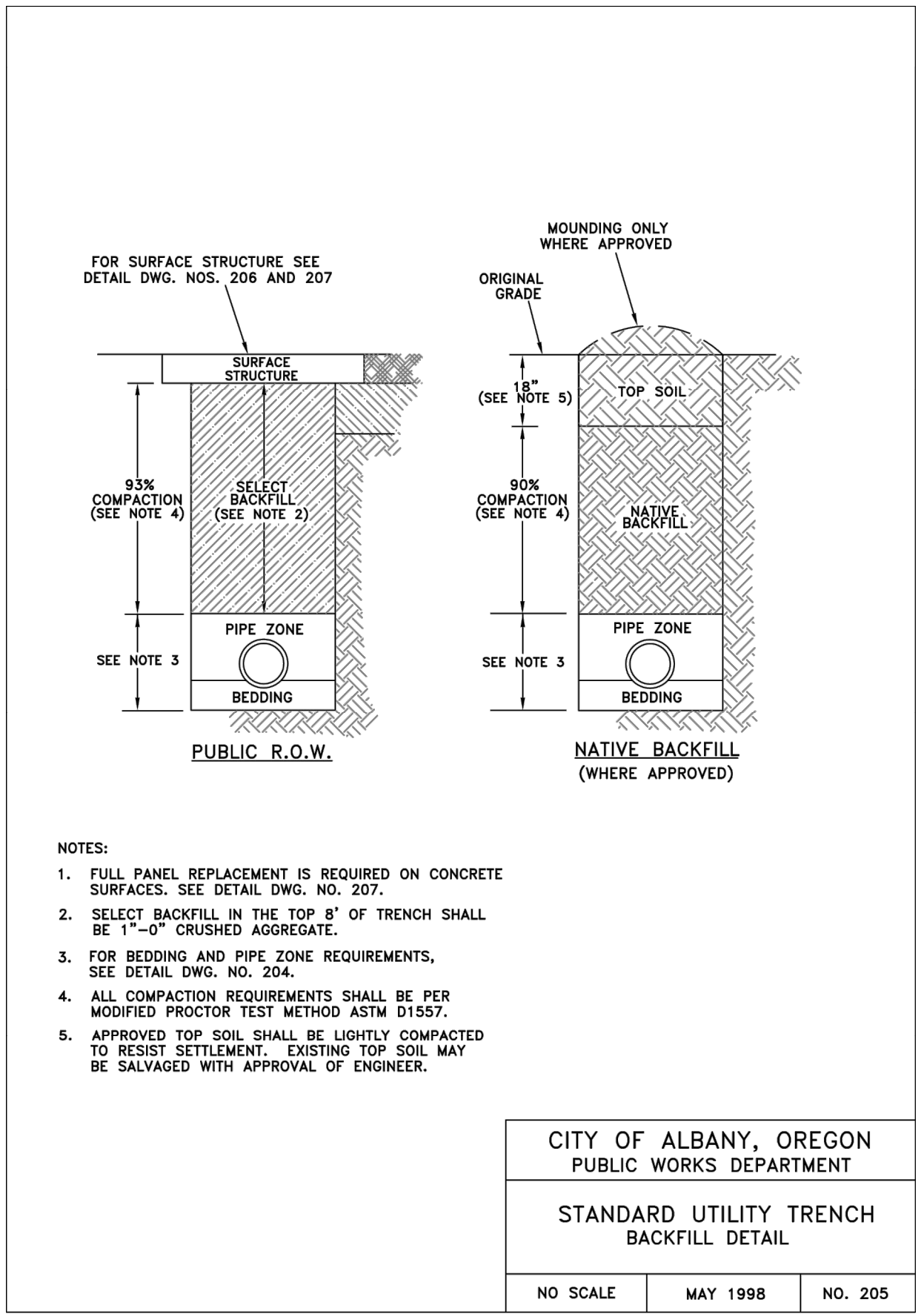
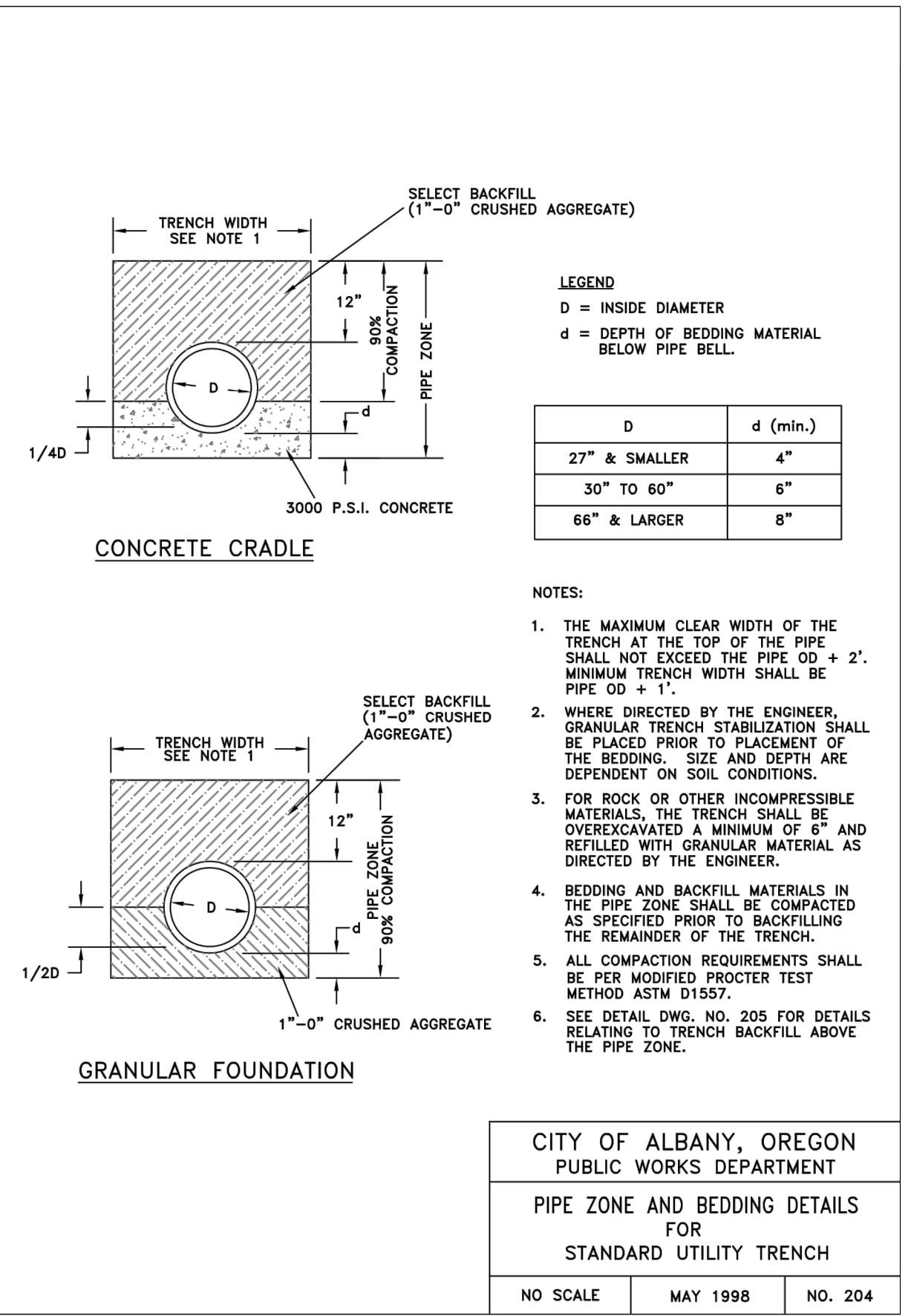
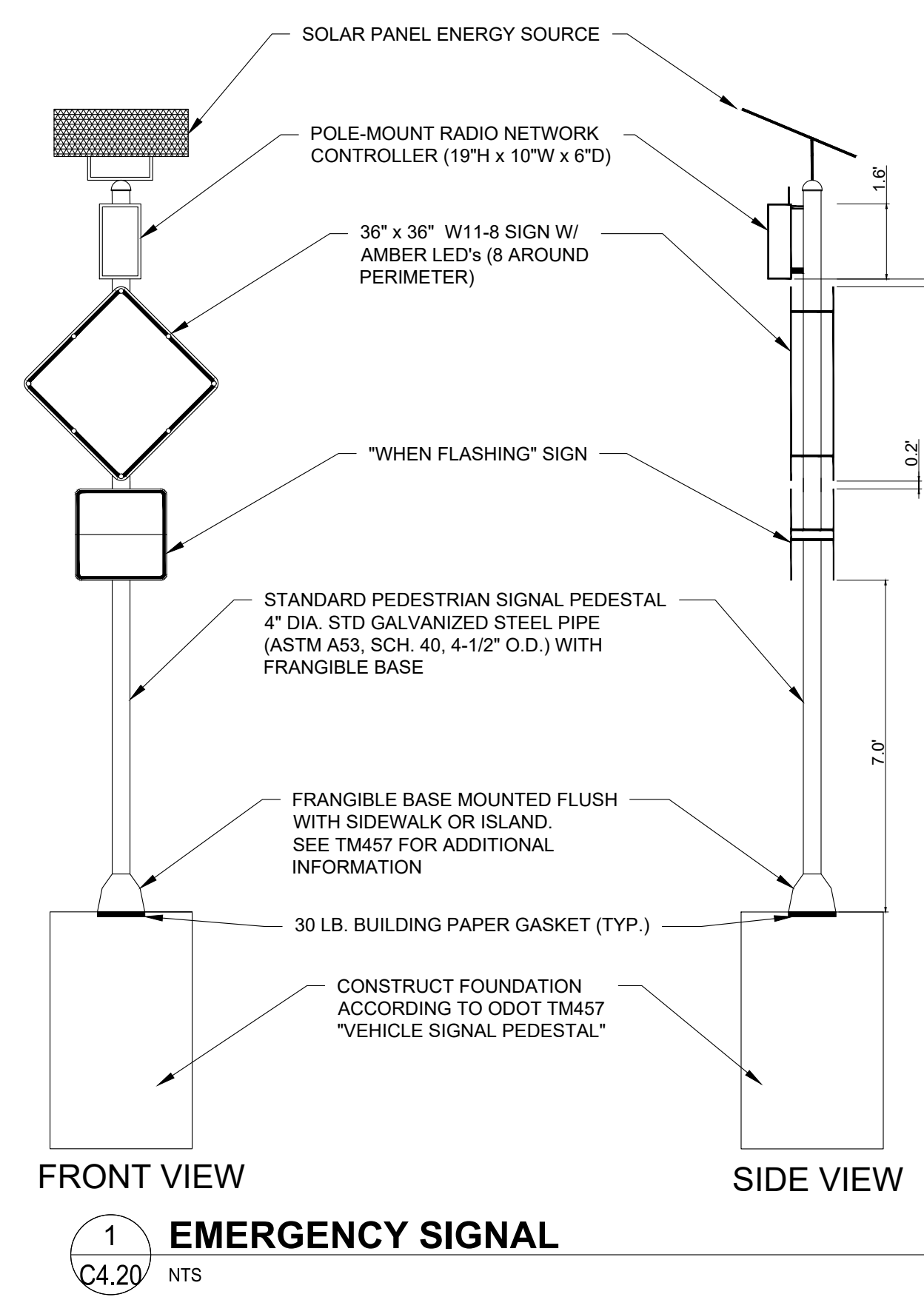
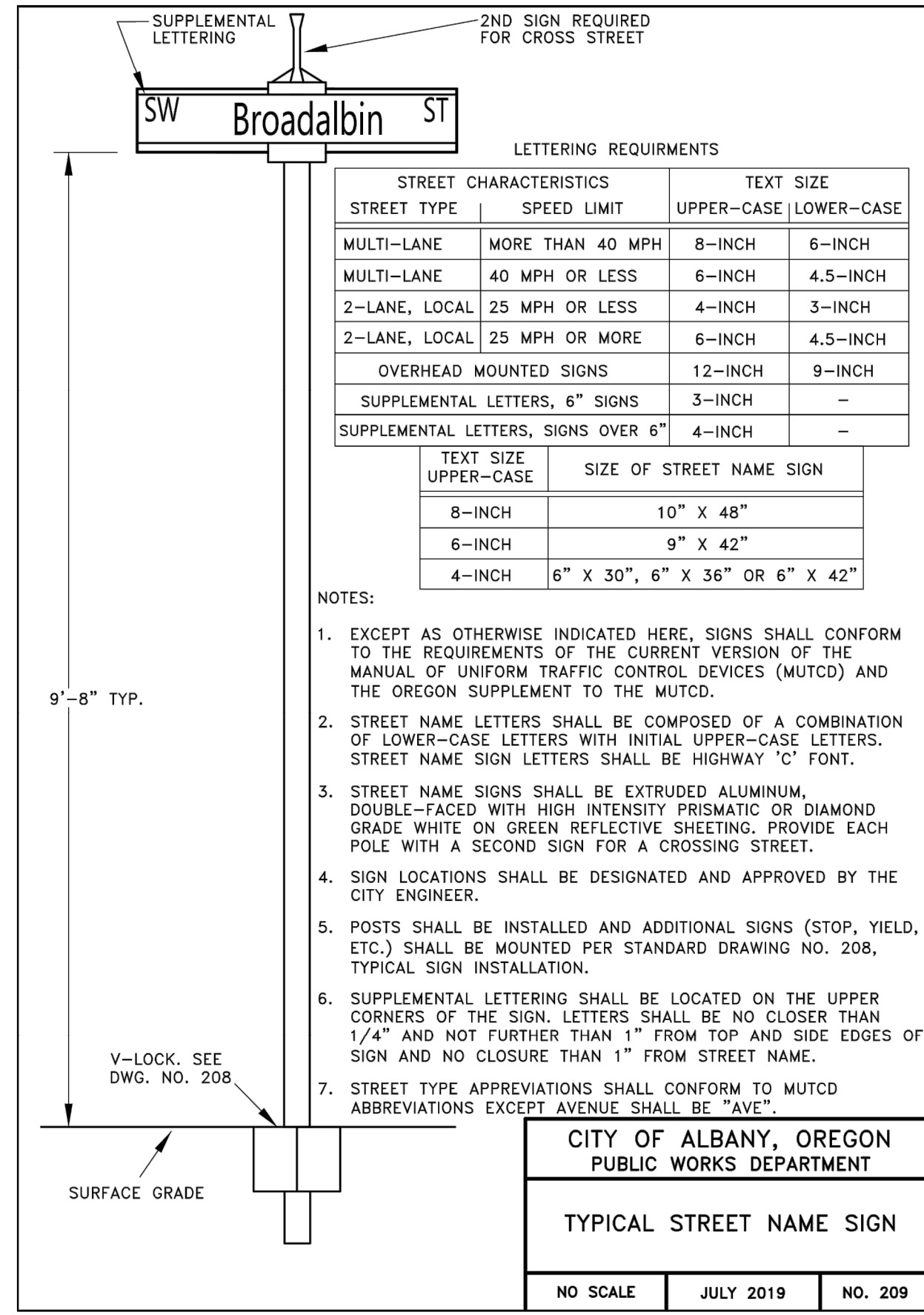
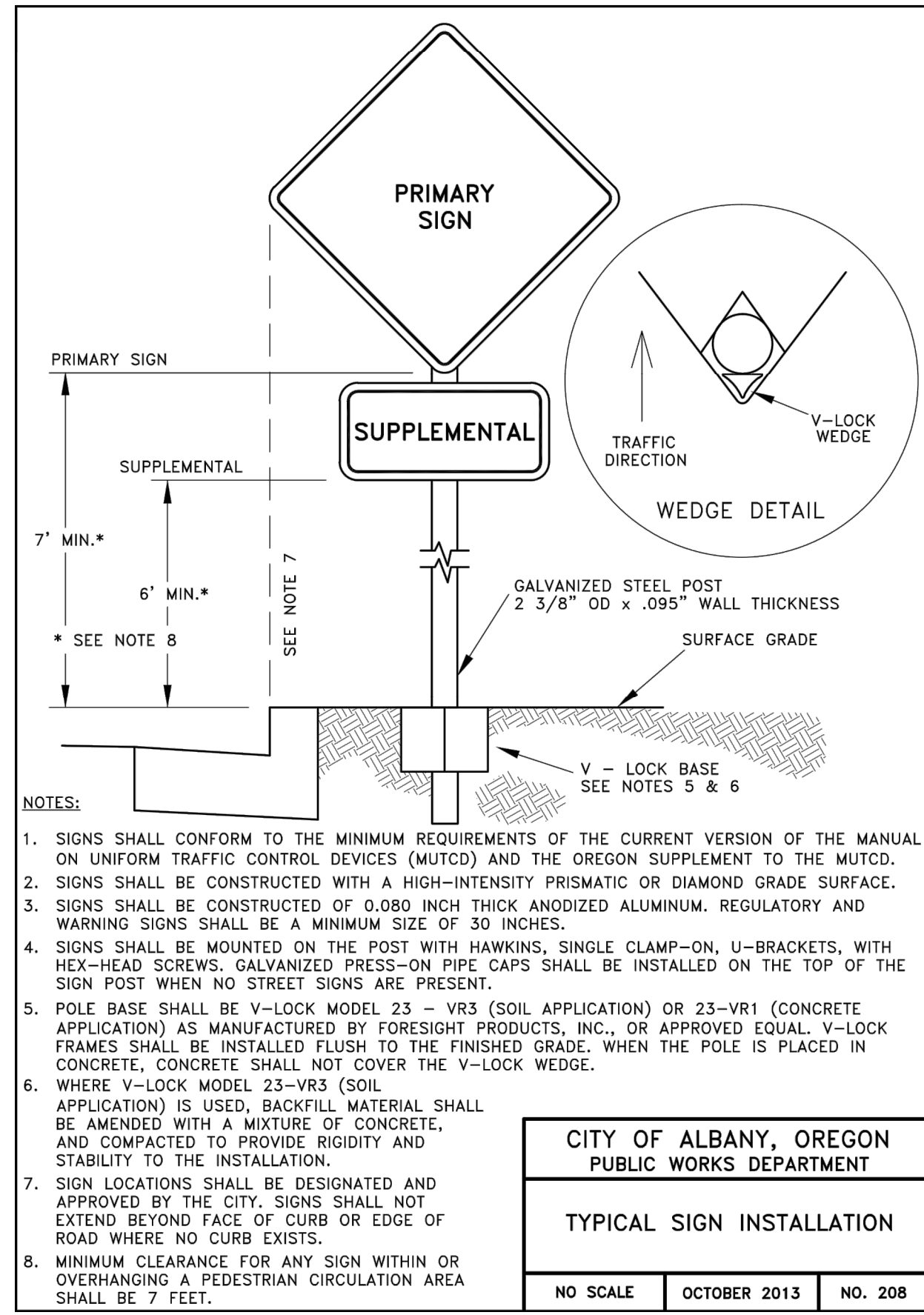
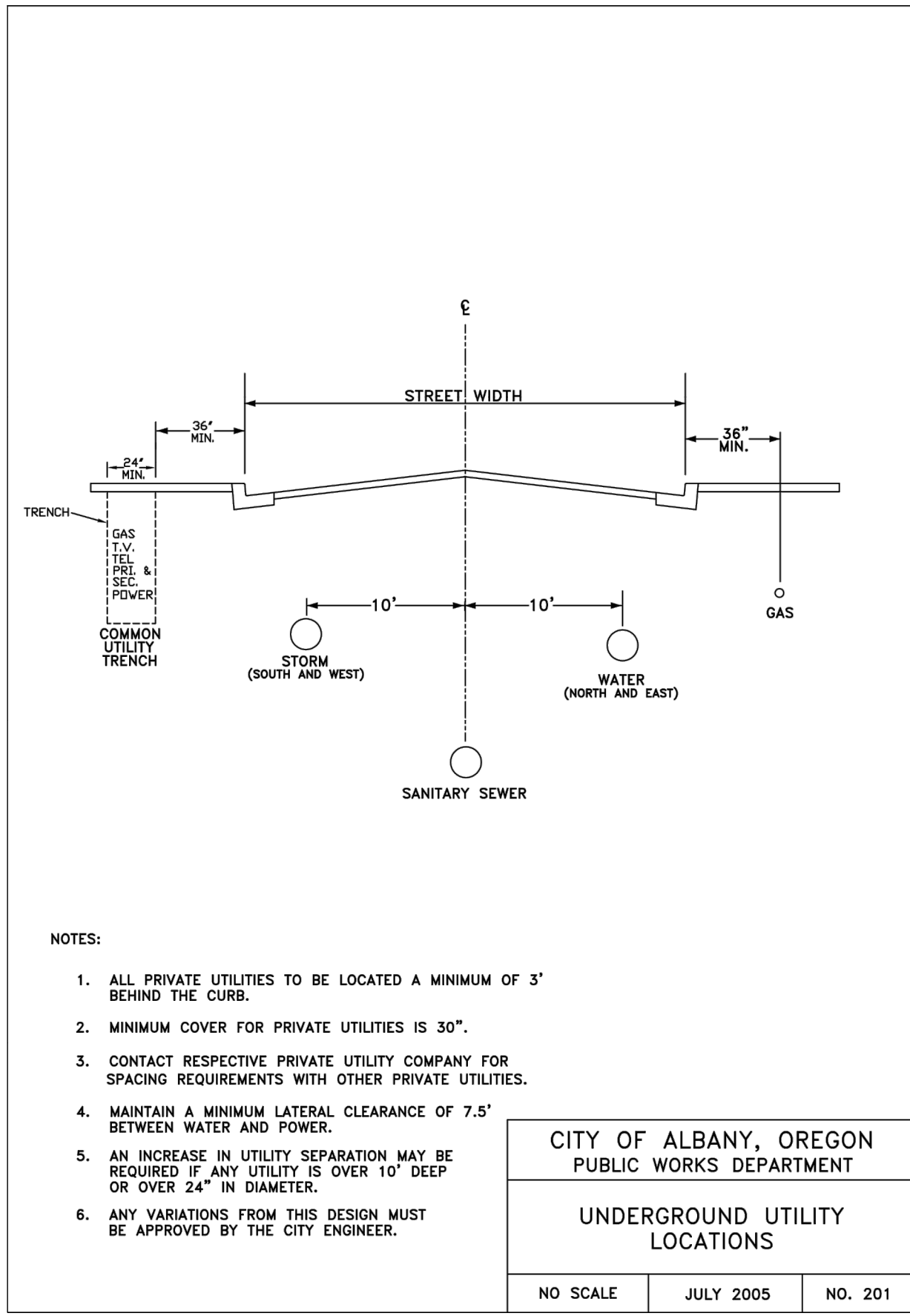
5 SIDEWALK JOINTING DETAILS
C4.10 NTS



6 ACCESSIBILITY SYMBOL AND SIGNAGE
C4.10 NTS

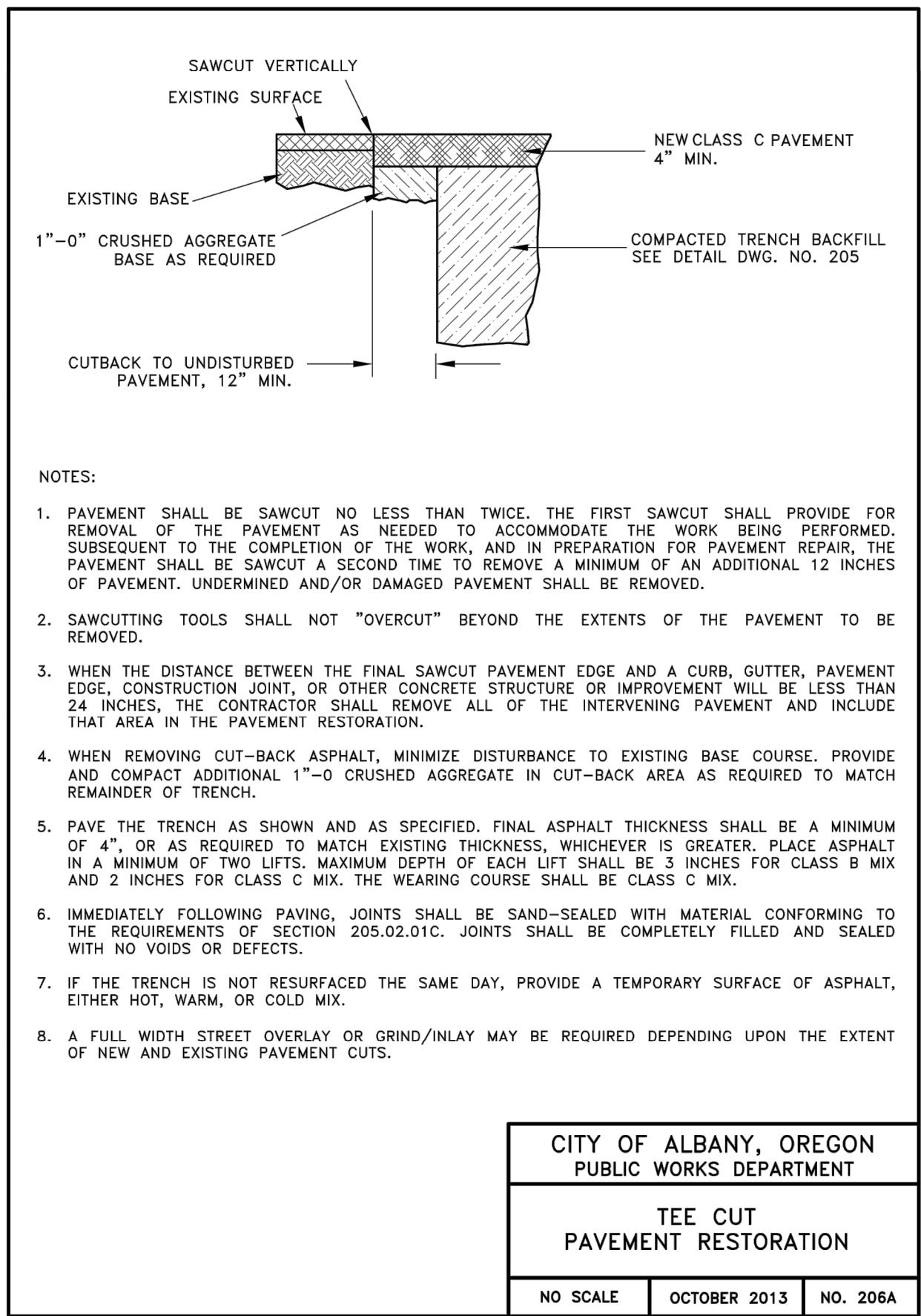


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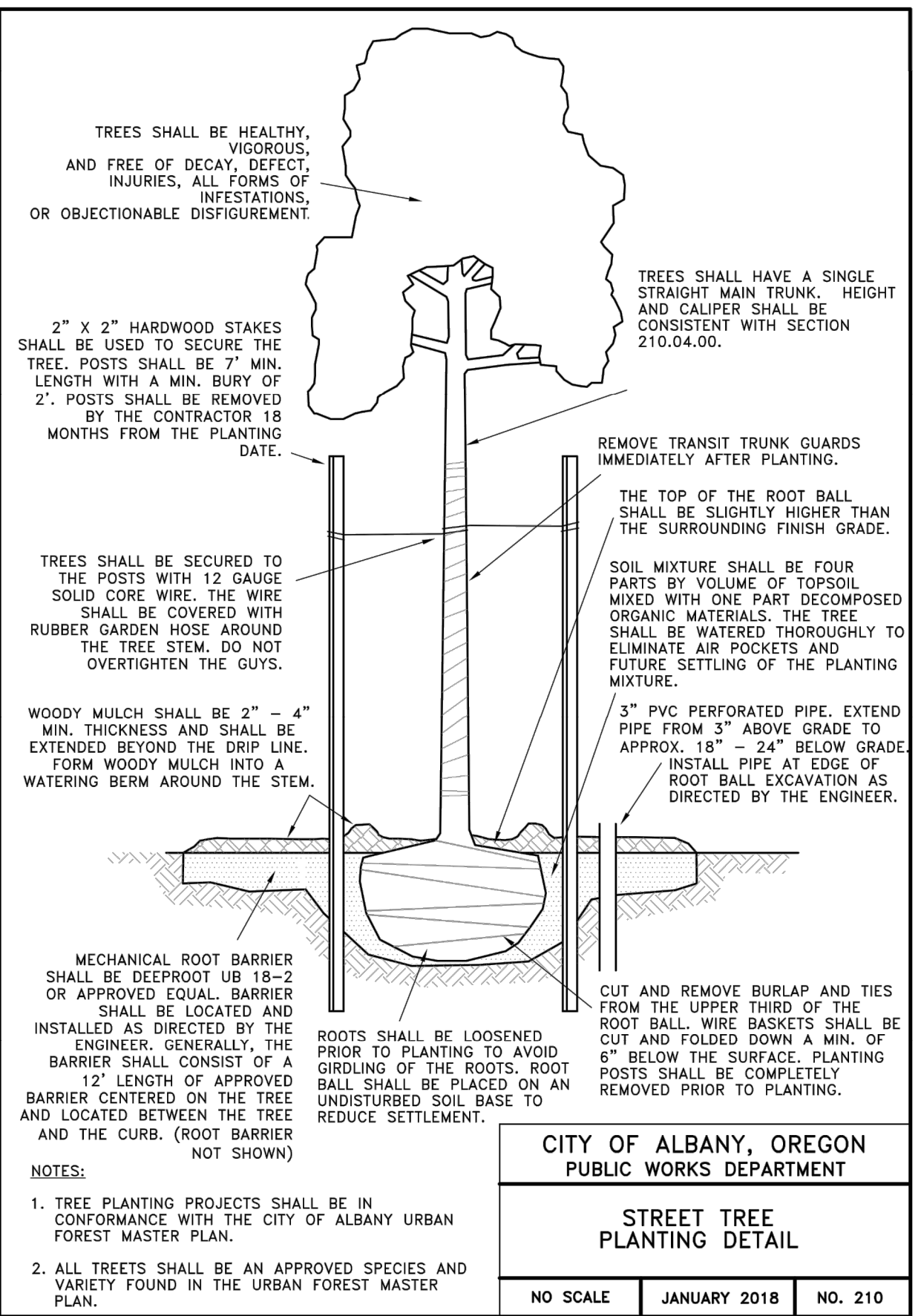


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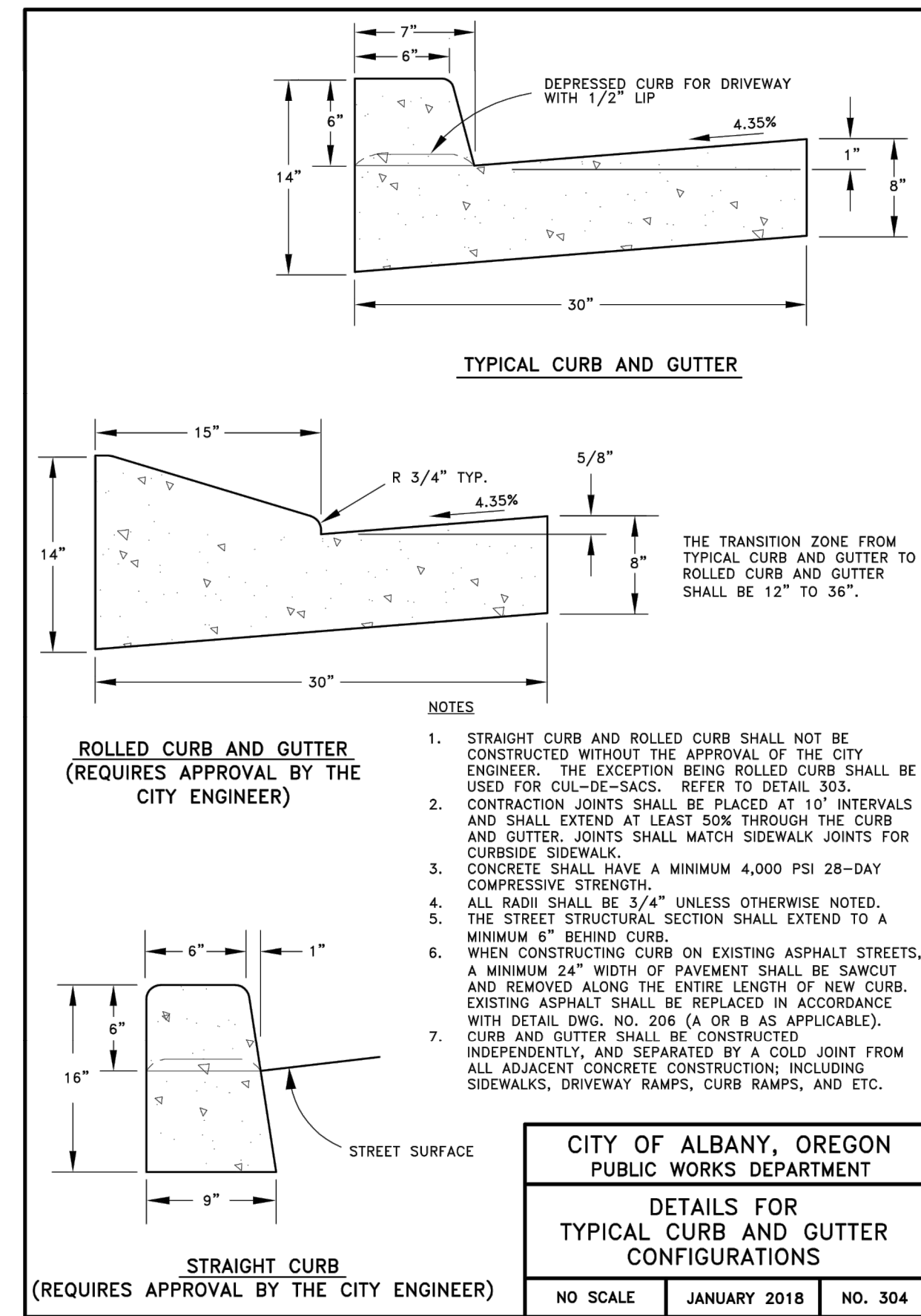
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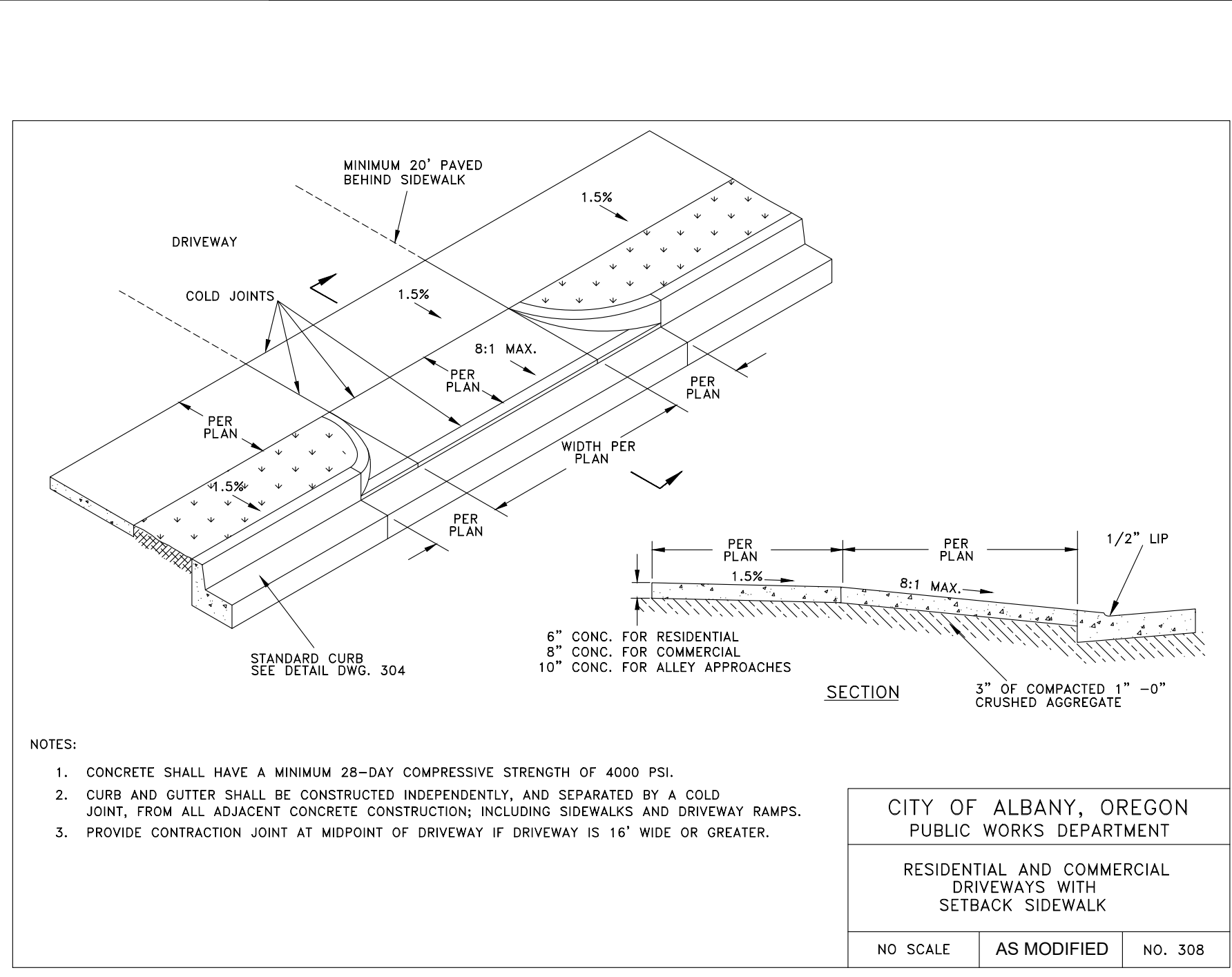
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TEE CUT PAVEMENT RESTORATION		
NO SCALE	OCTOBER 2013	NO. 206A



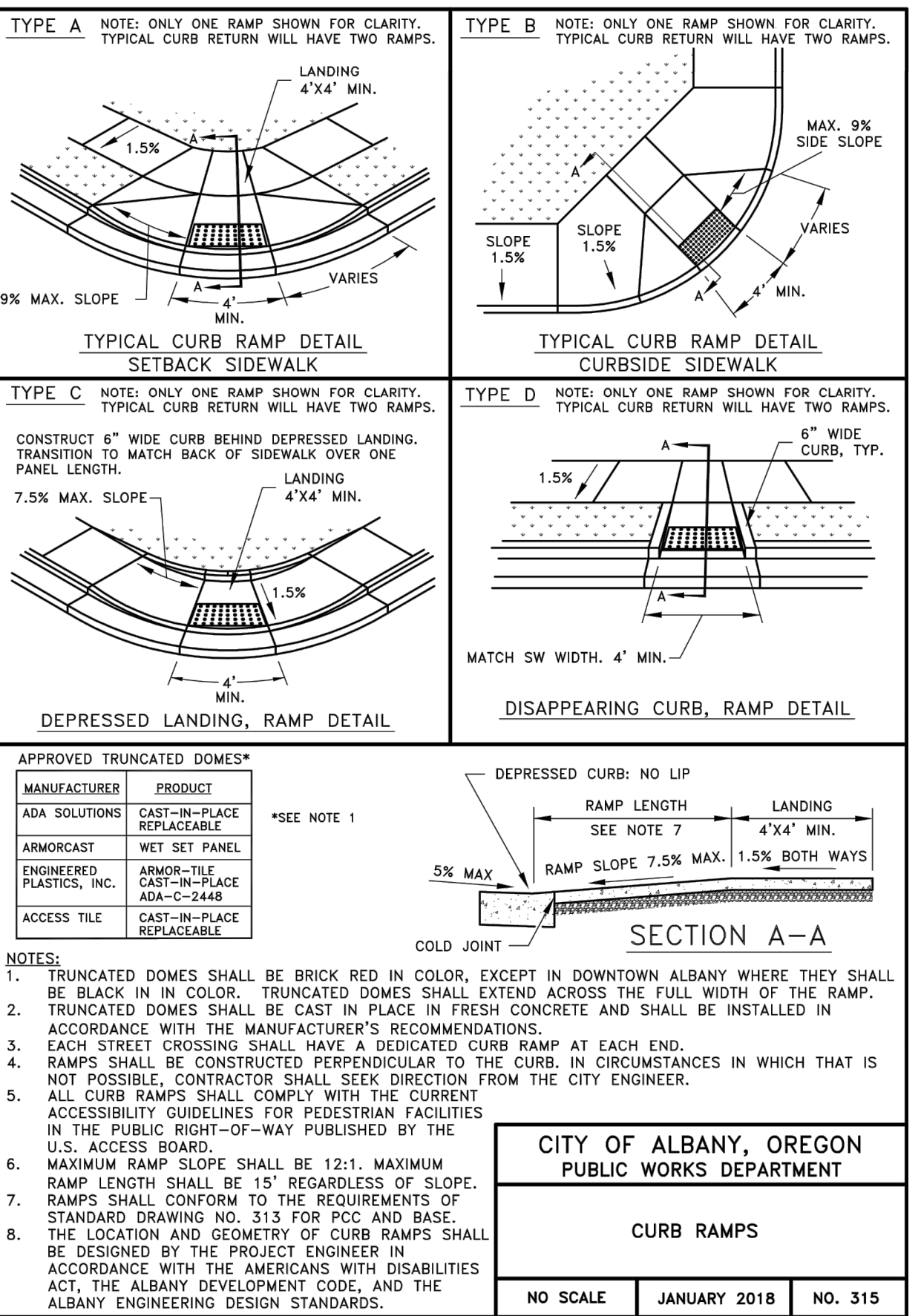
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STREET TREE PLANTING DETAIL		
NO SCALE	JANUARY 2018	NO. 210



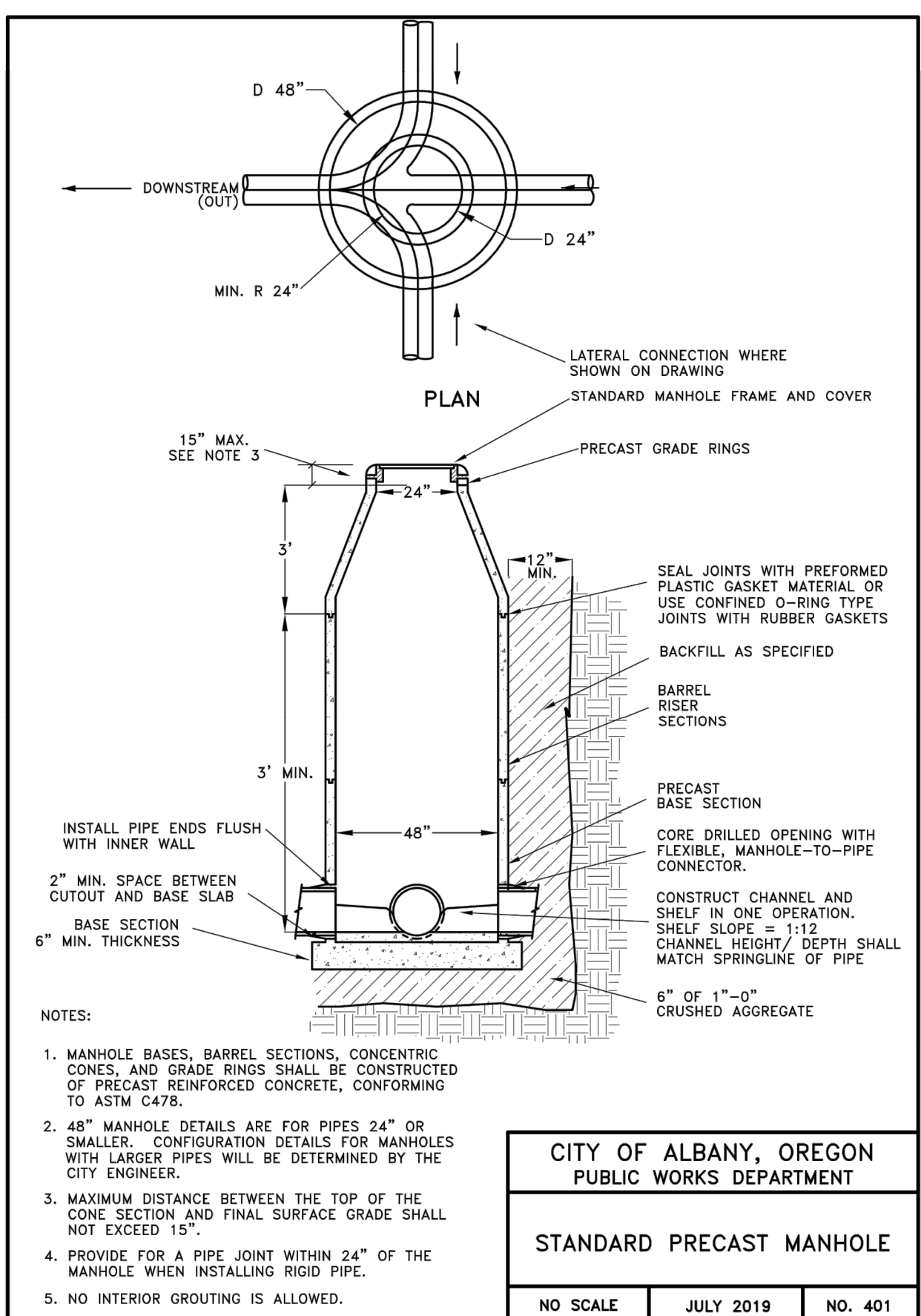
CITY OF ALBANY, OREGON PUBLIC WORKS DEPARTMENT		
DETAILS FOR TYPICAL CURB AND GUTTER CONFIGURATIONS		
NO SCALE	JANUARY 2018	NO. 304



CITY OF ALBANY, OREGON PUBLIC WORKS DEPARTMENT		
RESIDENTIAL AND COMMERCIAL DRIVEWAYS WITH SETBACK SIDEWALK		
NO SCALE	AS MODIFIED	NO. 308



CITY OF ALBANY, OREGON PUBLIC WORKS DEPARTMENT		
CURB RAMPS		
NO SCALE	JANUARY 2018	NO. 315

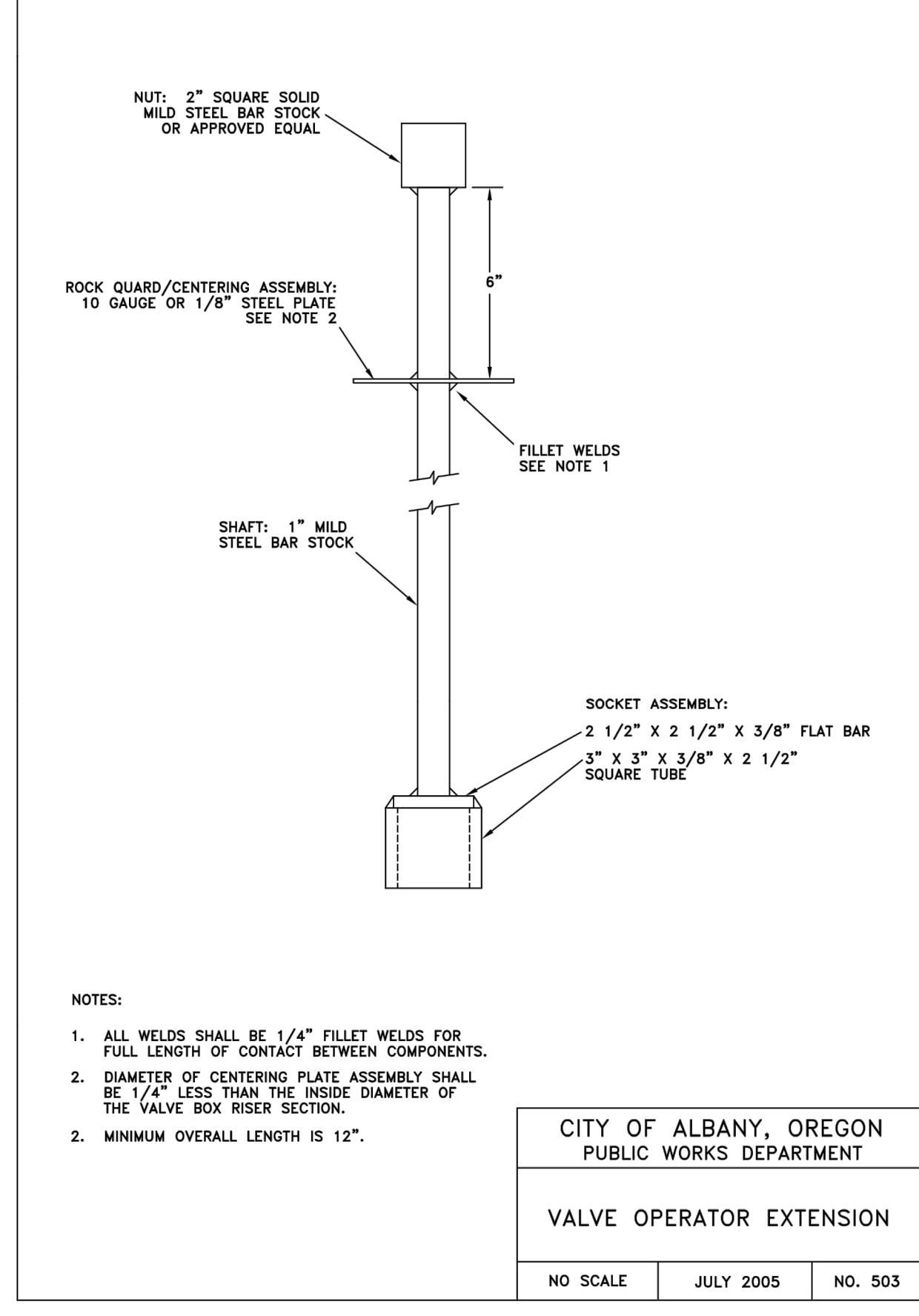
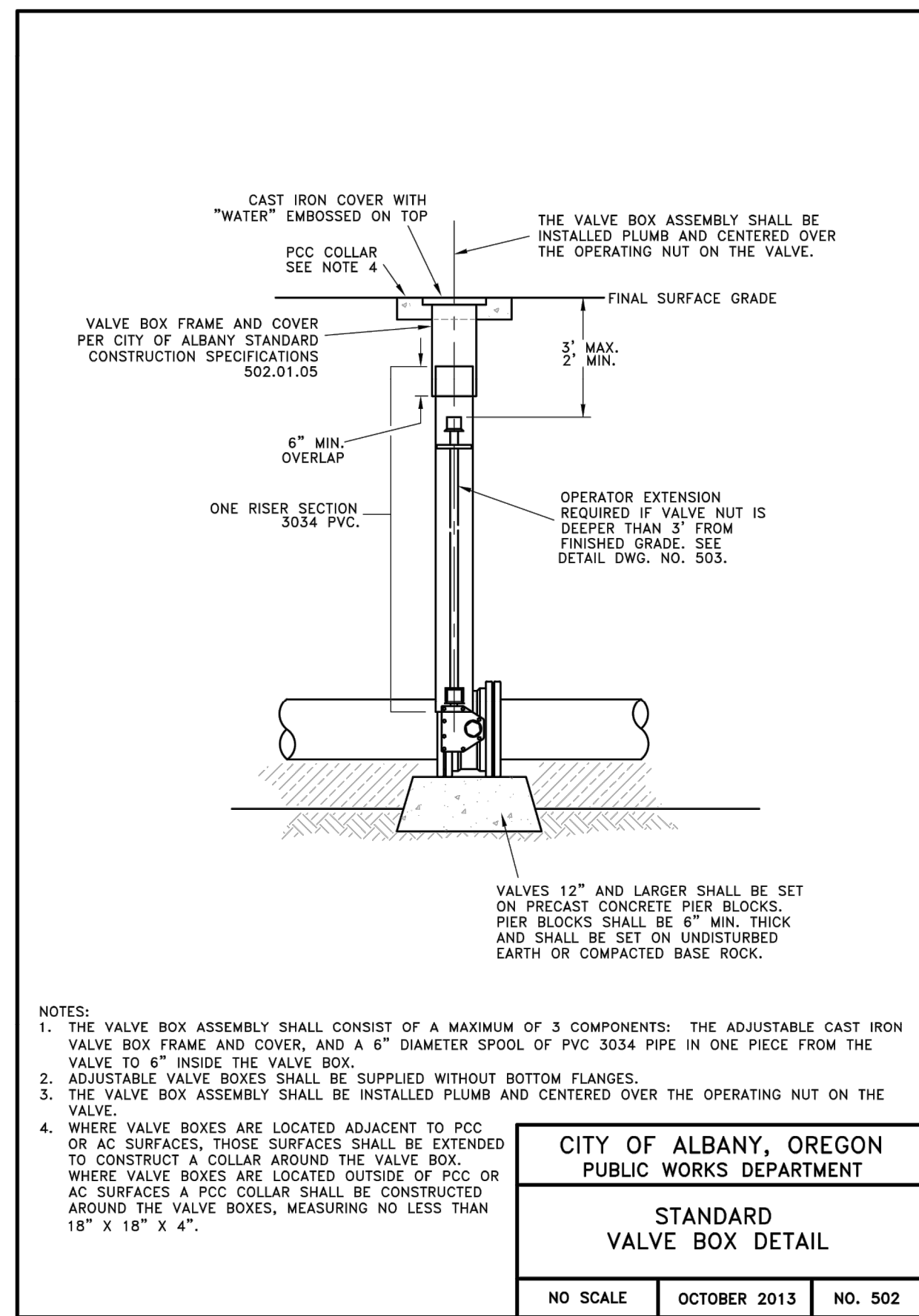
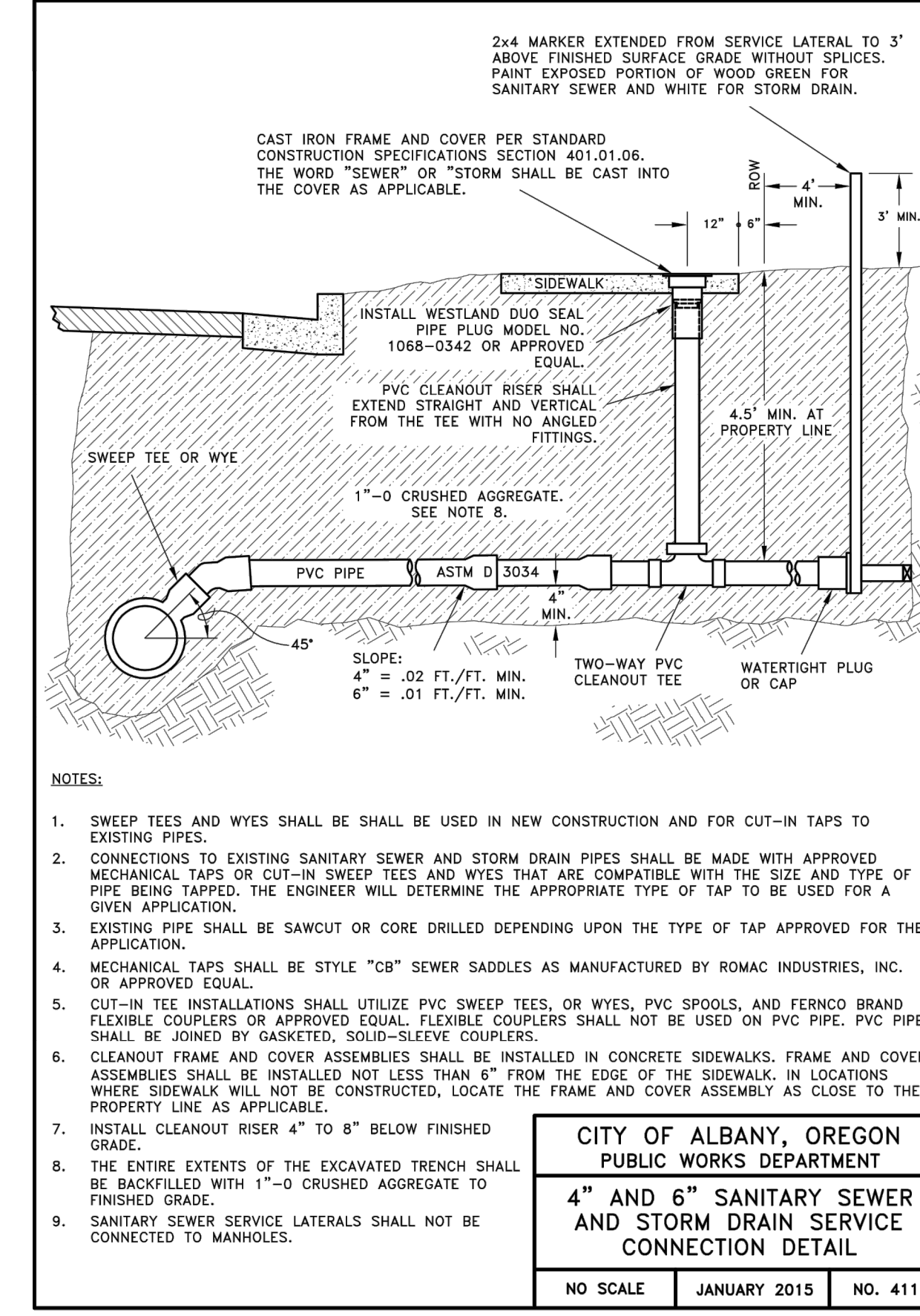
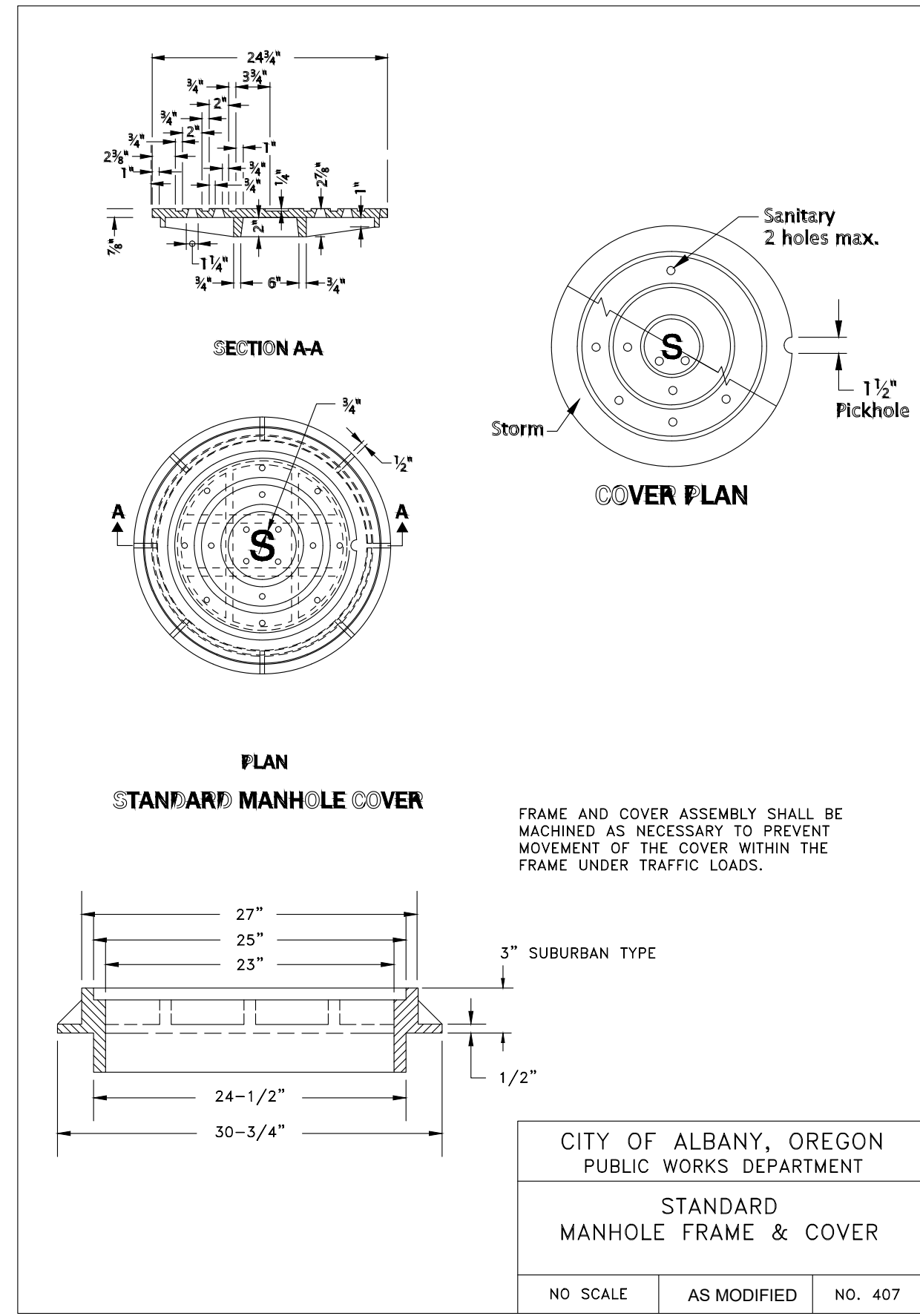
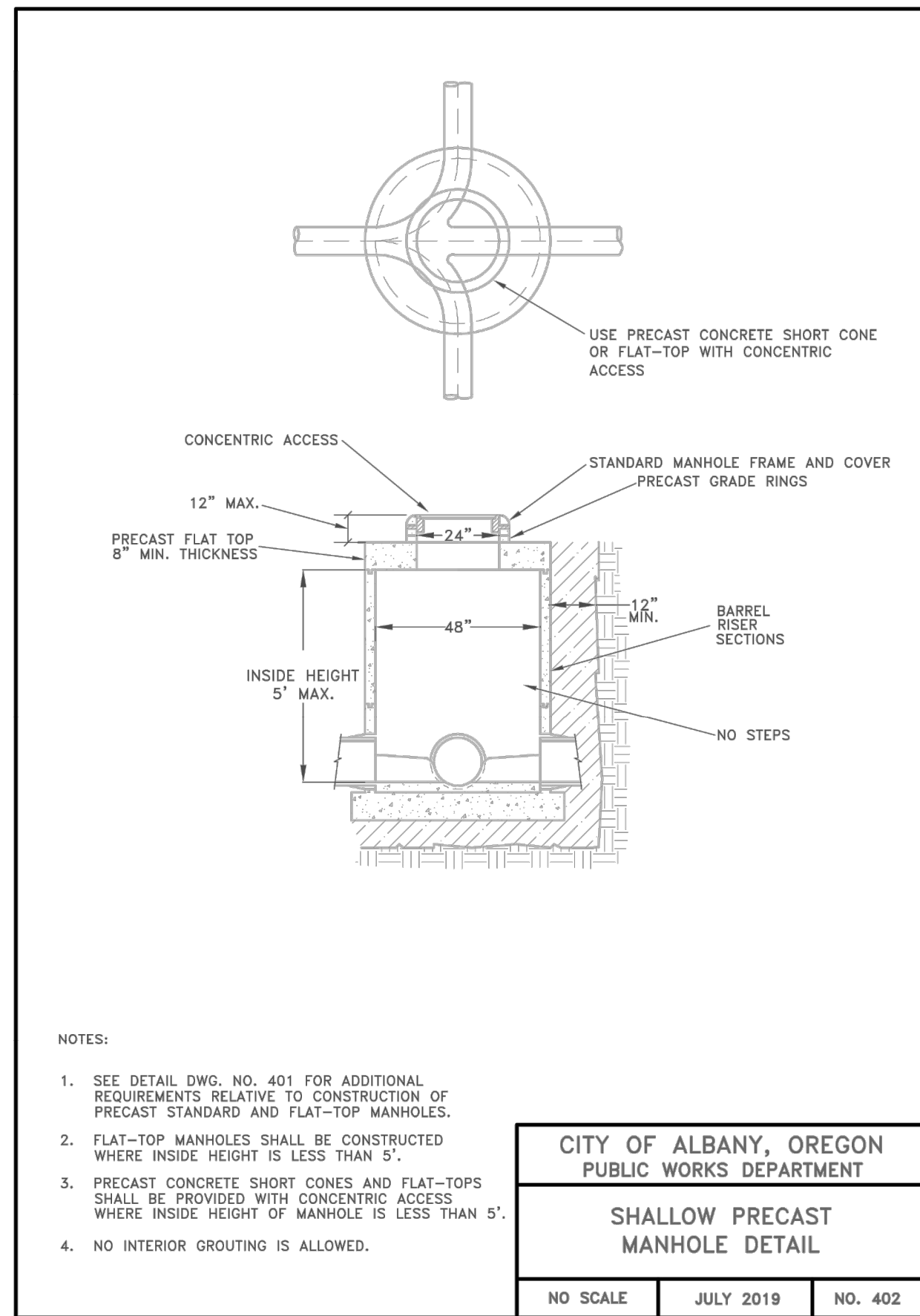


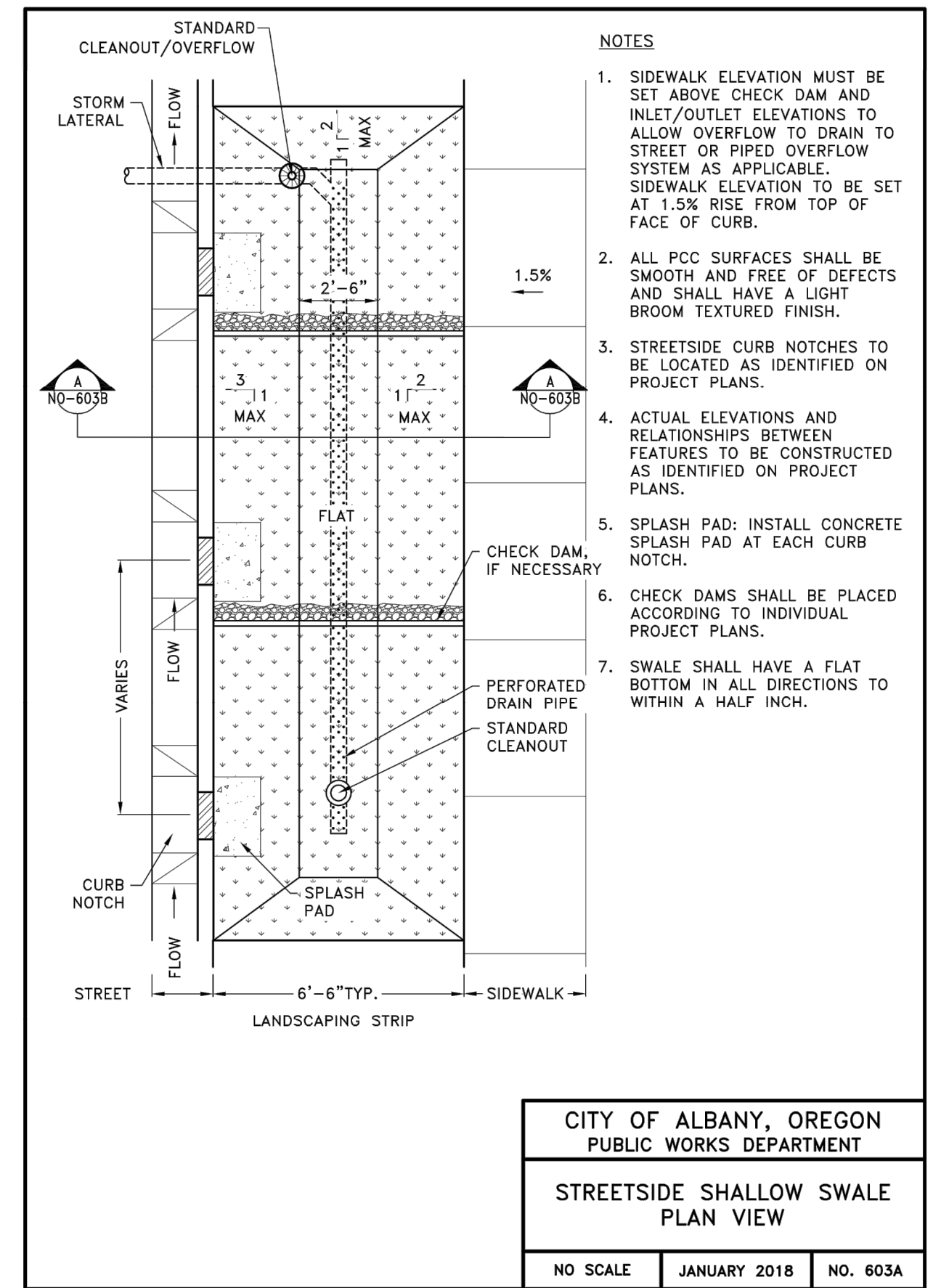
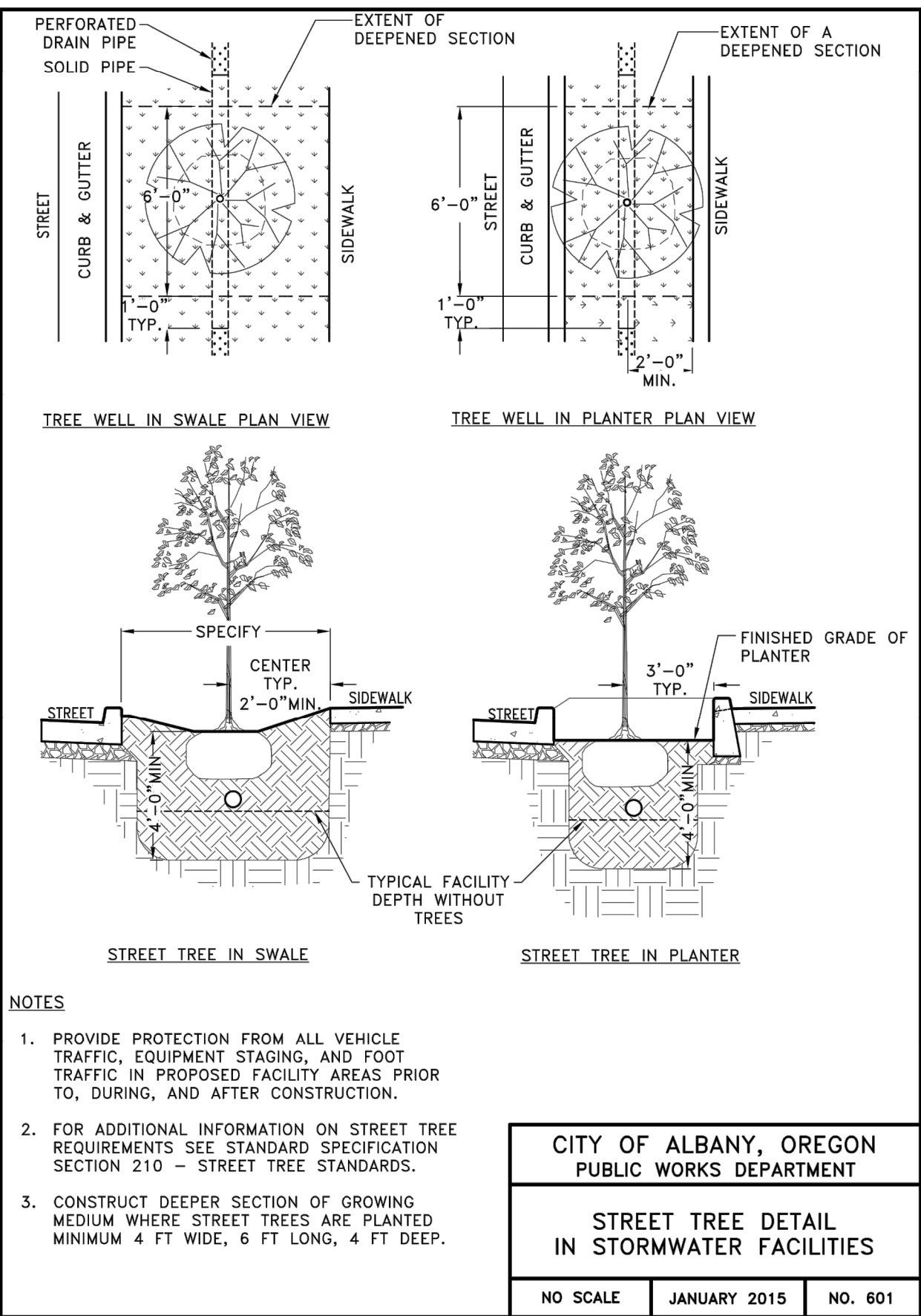
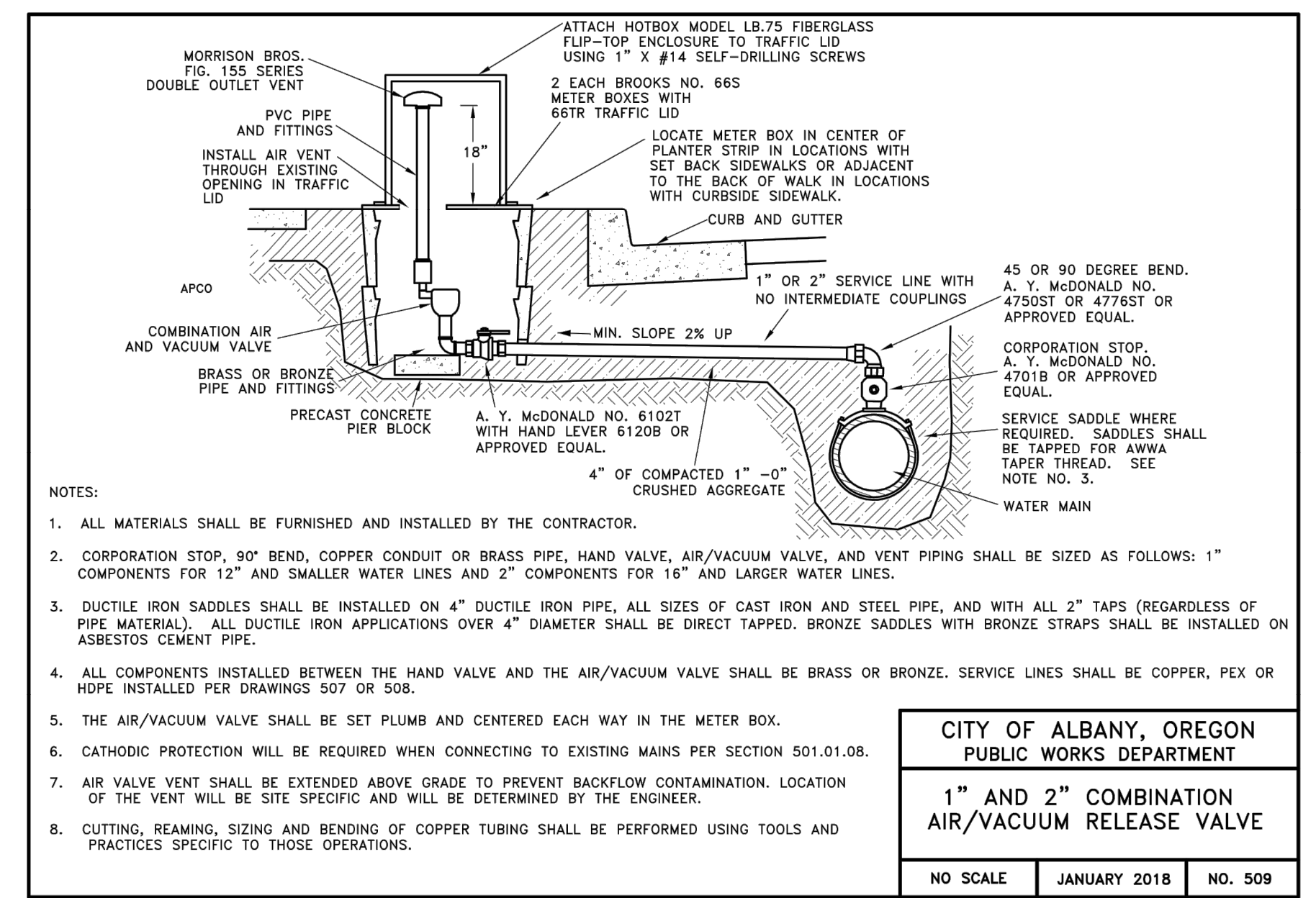
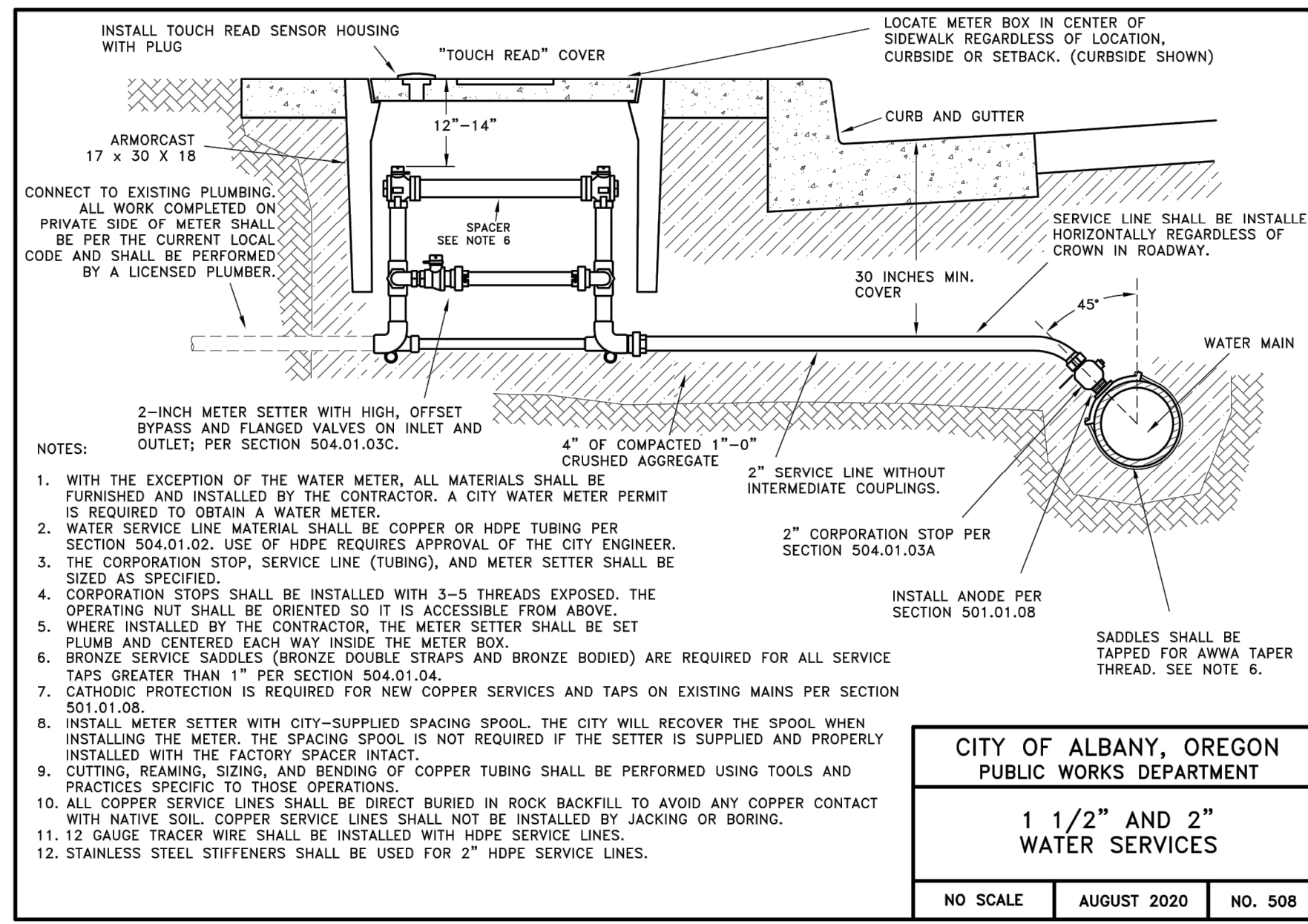
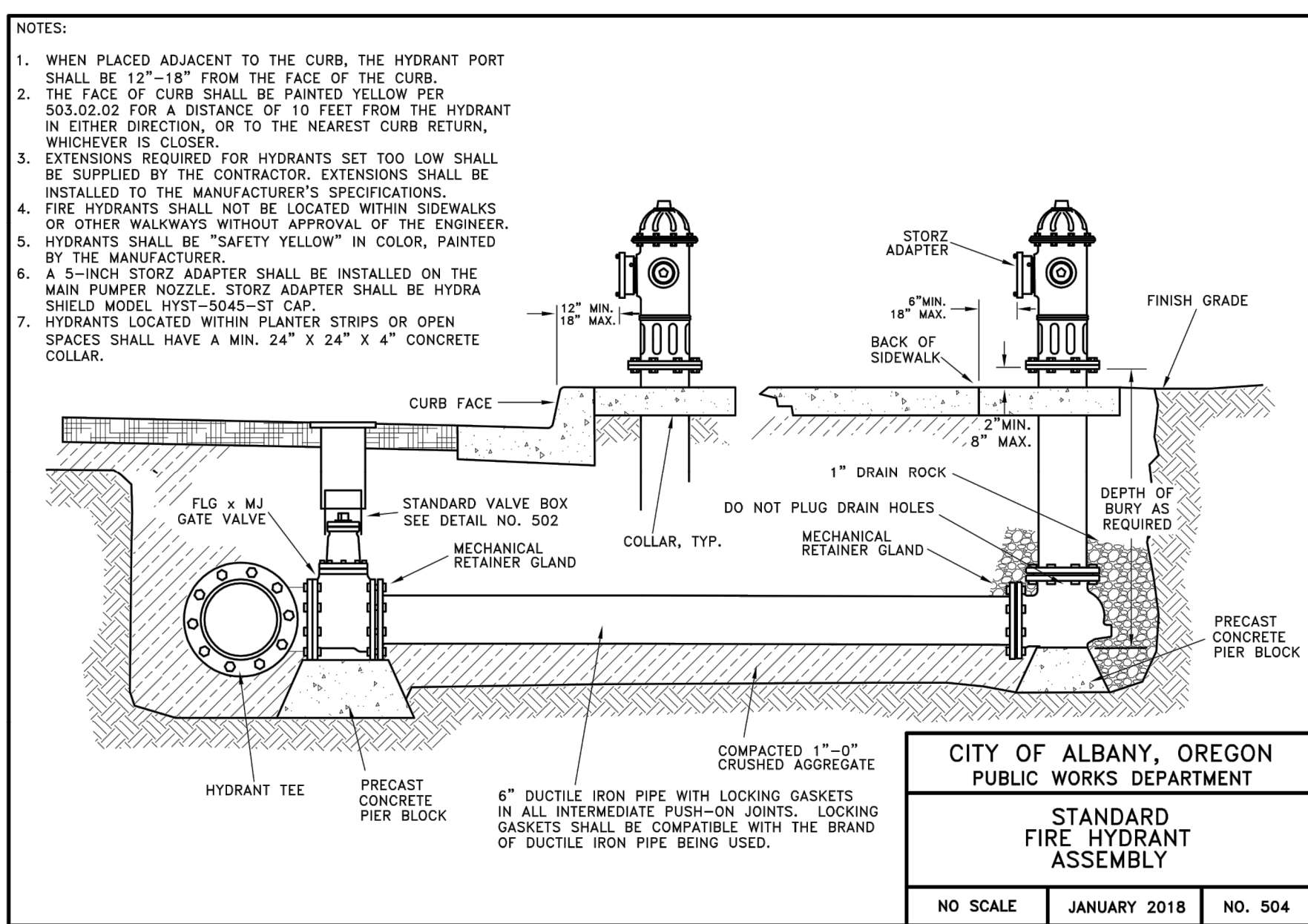
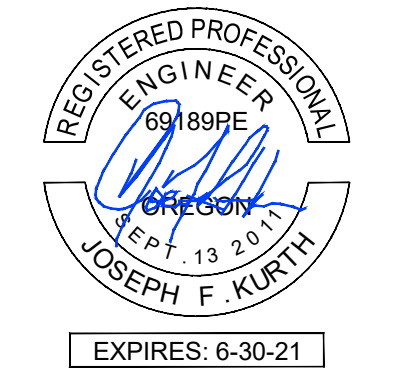
CITY OF ALBANY, OREGON PUBLIC WORKS DEPARTMENT		
STANDARD PRECAST MANHOLE		
NO SCALE	JULY 2019	NO. 401

No.	Description	Date

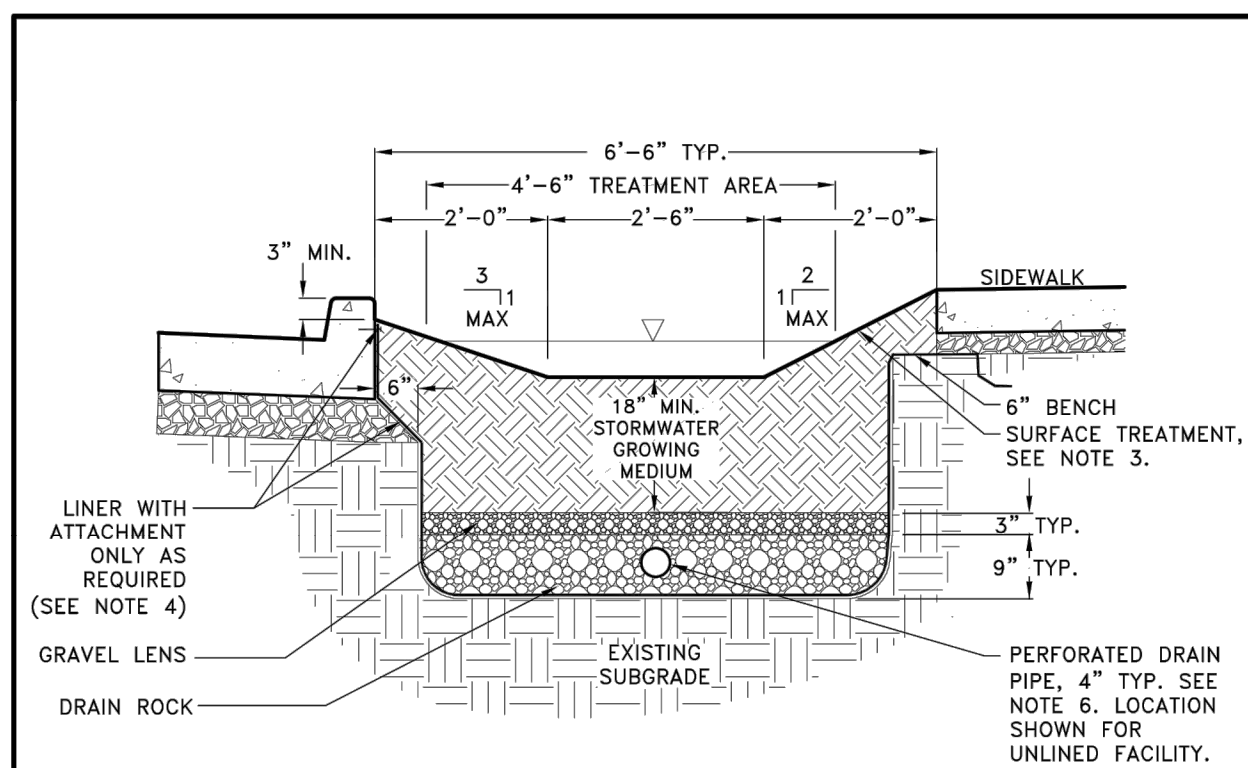


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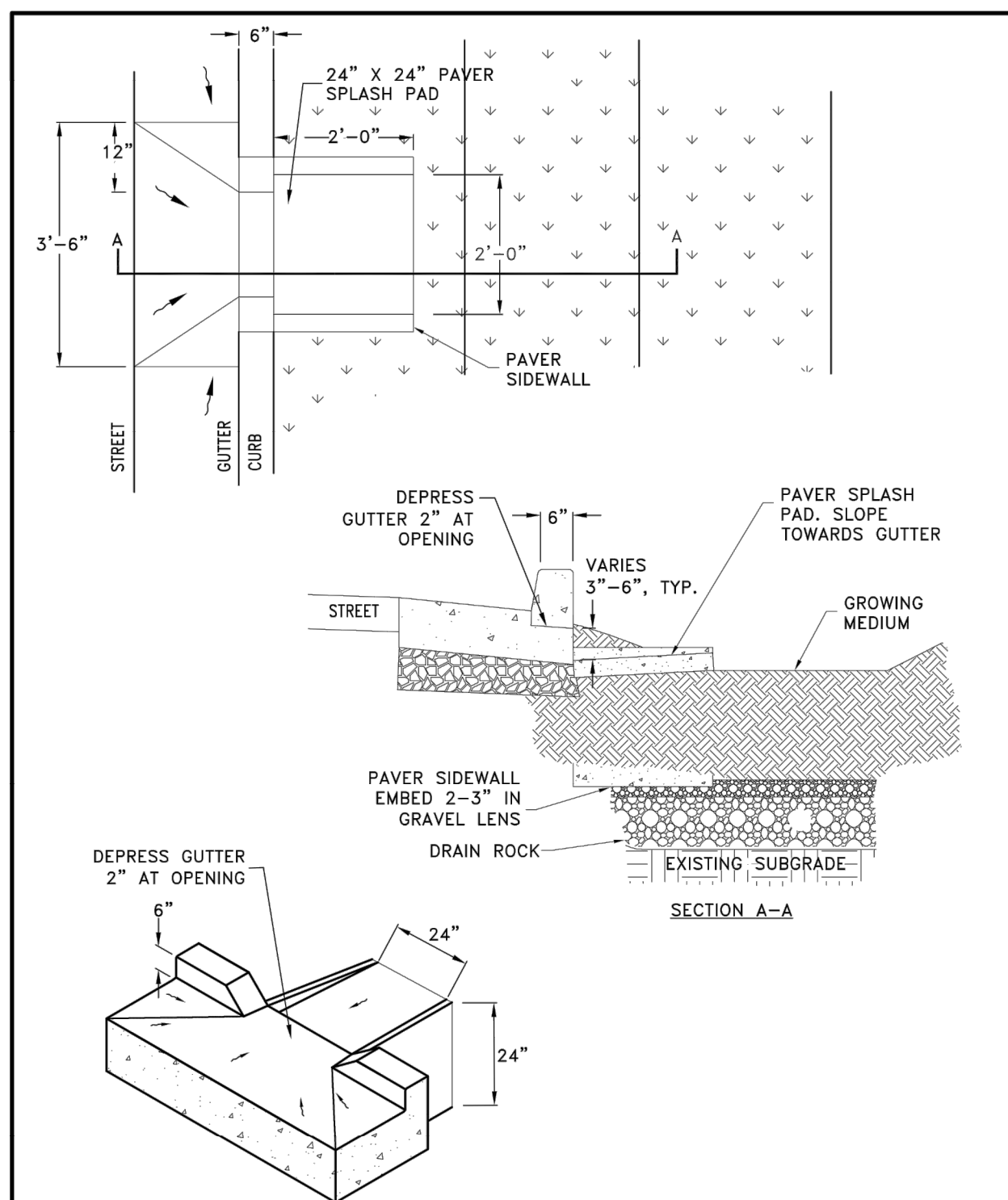


NOTES

1. PROVIDE PROTECTION FROM ALL VEHICLE TRAFFIC, EQUIPMENT STAGING, AND FOOT TRAFFIC IN PROPOSED FACILITY AREAS PRIOR TO, DURING, AND AFTER CONSTRUCTION.
2. GROWING MEDIUM SHALL BE PLACED IN EVEN LIFTS NO GREATER THAN 8 INCHES IN DEPTH, AS MEASURED LOOSELY. LIFTS SHALL BE MODERATELY COMPACTED BY USE OF A SAND OR WATER FILLED LAWN ROLLER. MECHANICAL COMPACTON WITH JUMPING JACKS OR SIMILAR EQUIPMENT IS PROHIBITED.
3. GROWING MEDIUM IN EACH FACILITY SHALL BE PLACED AND SHAPED THE SAME DAY AND IMMEDIATELY UPON COMPLETION ITS SURFACE SHALL BE PROTECTED WITH STRAW MATTING OR JUTE MATTING.
4. IMPERMEABLE LINER SHALL BE USED ONLY IF REQUIRED ON PROJECT PLANS.
5. VEGETATION: INSTALL PER PLANTING SCHEDULE.
6. IN UNLINED FACILITIES, BOTTOM OF PERFORATED DRAIN PIPE SHALL BE SET AT 2 1/2" ABOVE EXISTING SUBGRADE. IN LINED FACILITIES, BOTTOM PERFORATED DRAIN PIPE SHALL BE SET AT BASE OF DRAIN ROCK LAYER.

CITY OF ALBANY, OREGON
PUBLIC WORKS DEPARTMENT
**STREETSIDE SHALLOW SWALE
SECTION VIEW**

NO SCALE JANUARY 2015 NO. 603B

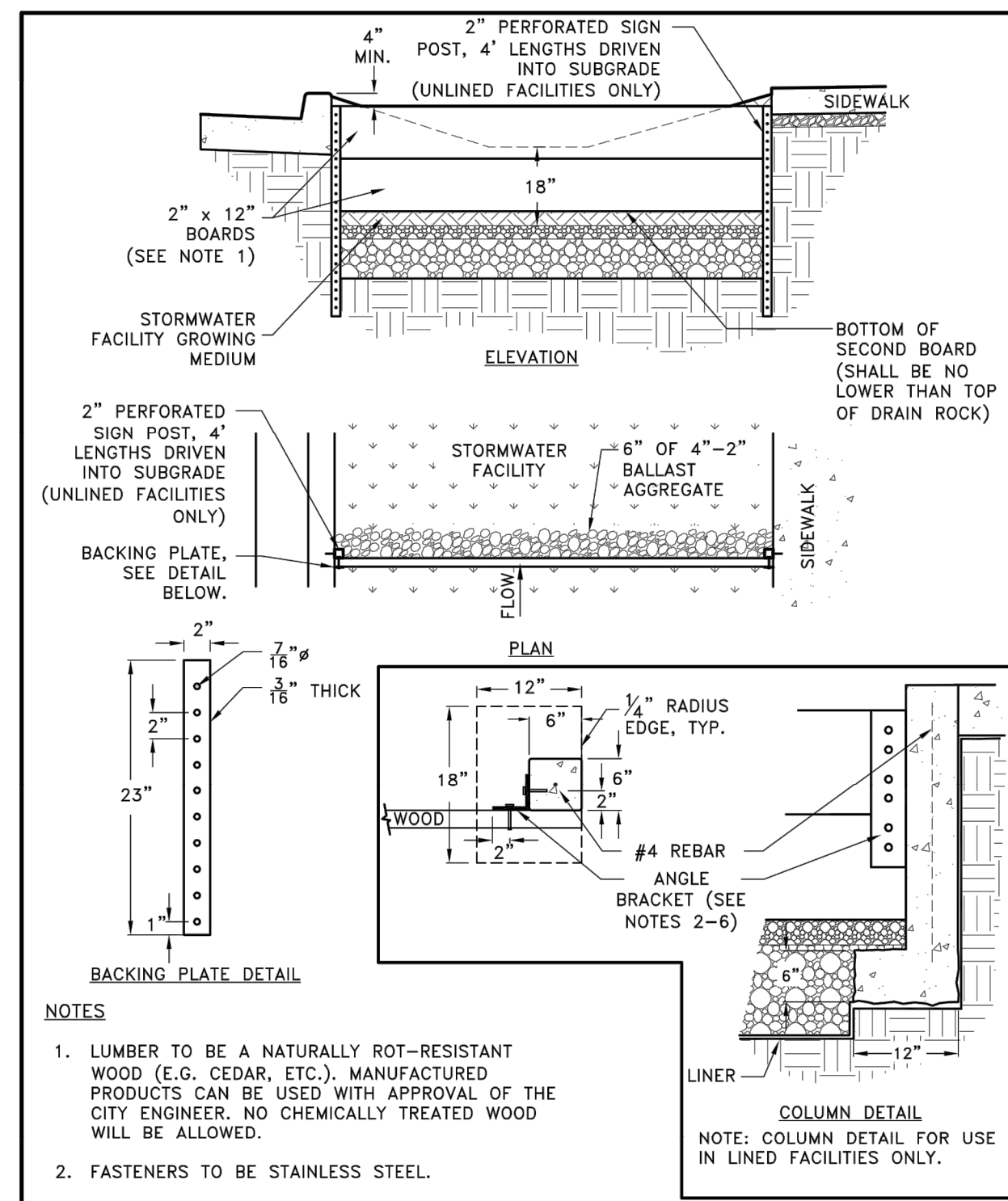


NOTES

1. SIDEWALL AND SPLASH PAD PAVER STONES SHALL BE WILLAMETTE GRAYSTONE 24" X 24" CITYSTONE XL, OR APPROVED EQUAL.
2. PLAN AND PROFILE VIEWS ON THIS DRAWING DEPICT A PAVER SPLASH PAD INSTALLED IN A STREETSIDE SHALLOW SWALE.
3. ALL EXPOSED PCC SURFACES SHALL BE SMOOTH AND FREE OF DEFECTS, AND SHALL HAVE A LIGHT BROOM FINISH.

CITY OF ALBANY, OREGON
PUBLIC WORKS DEPARTMENT
**TYPICAL STREETSIDE
CURB NOTCH
PAVER SPLASH PAD**

NO SCALE AUGUST 2020 NO. 612

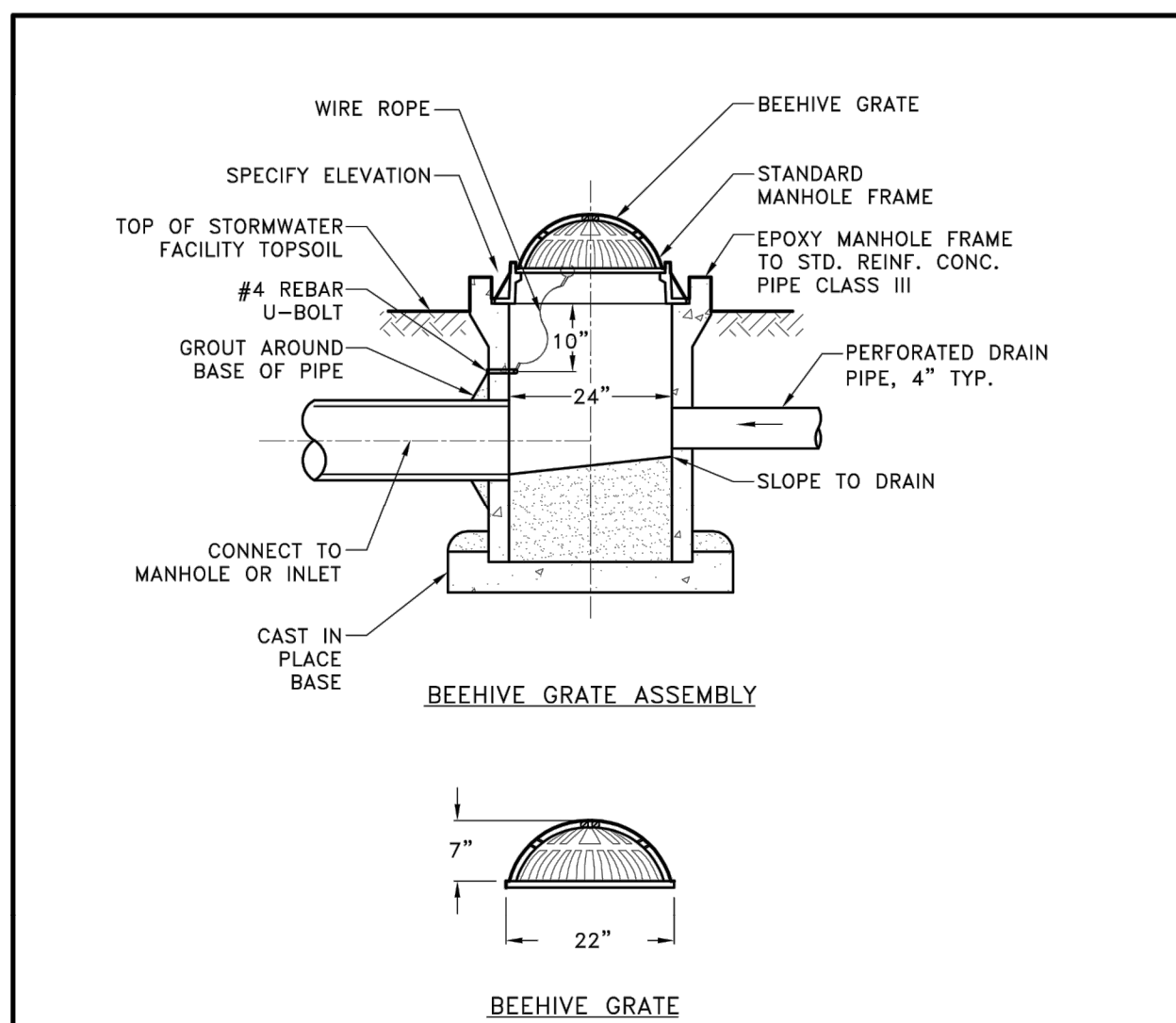


NOTES

1. LUMBER TO BE A NATURALLY ROT-RESISTANT WOOD (E.G. CEDAR, ETC.). MANUFACTURED PRODUCTS CAN BE USED WITH APPROVAL OF THE CITY ENGINEER. NO CHEMICALLY TREATED WOOD WILL BE ALLOWED.
2. FASTENERS TO BE STAINLESS STEEL.
3. 4" X 4" X 18" ANGLE BRACKET AND BACKING PLATE TO BE MADE OF MIN. 3/16" STAINLESS STEEL.
4. TOP OF BACKING PLATE, ANGLE BRACKET, AND SIGN POSTS TO BE NO HIGHER THAN TOP OF CHECK DAM.
5. MIN. 3 BOLTS TO CONCRETE, MIN. 2 BOLTS PER BOARD. USE 5/16" DIA. BOLTS.
6. SEE BRACKET DETAIL ON DWG 619.

CITY OF ALBANY, OREGON
PUBLIC WORKS DEPARTMENT
WOOD CHECK DAM FOR SWALE

NO SCALE JANUARY 2015 NO. 618

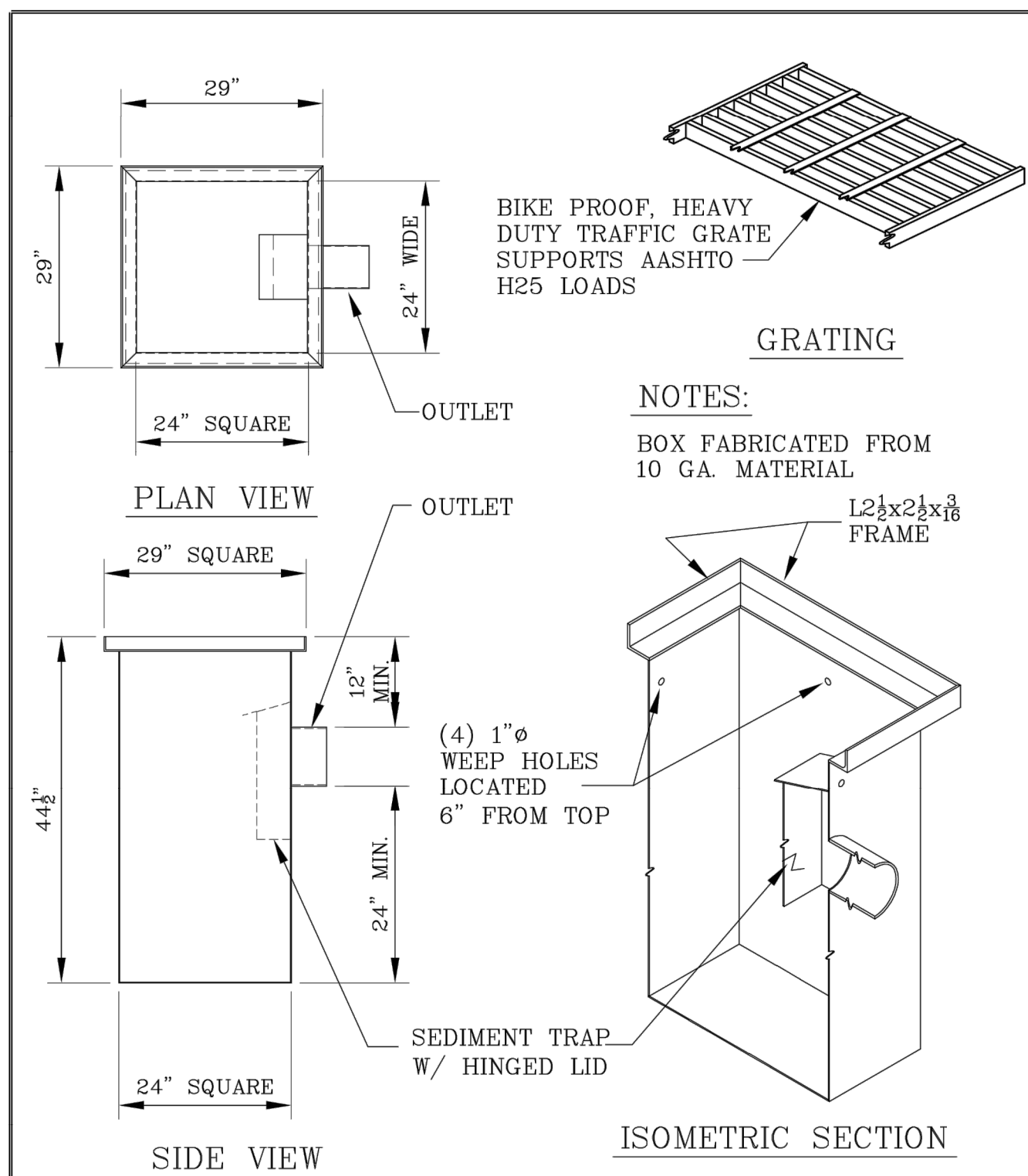


NOTES

1. WIRE ROPE TO BE 1/8" TO 3/16" STAINLESS STEEL, 7 STRANDS OF 19 WIRES.
2. SECURE GRATE IN PLACE WITH 54-INCHES OF WIRE ROPE. LOOP ENDS OF WIRE ROPE AROUND U-BOLT AND GRATE. CRIMP EACH END OF WIRE ROPE WITH 3" OVERLAP.
3. DRILL 2" DEEP HOLES INTO PIPE AND EPOXY #4 REBAR U-BOLT (2"x4") IN HOLES.
4. BEEHIVE GRATE: SEE STANDARD CONSTRUCTION SPECIFICATION.

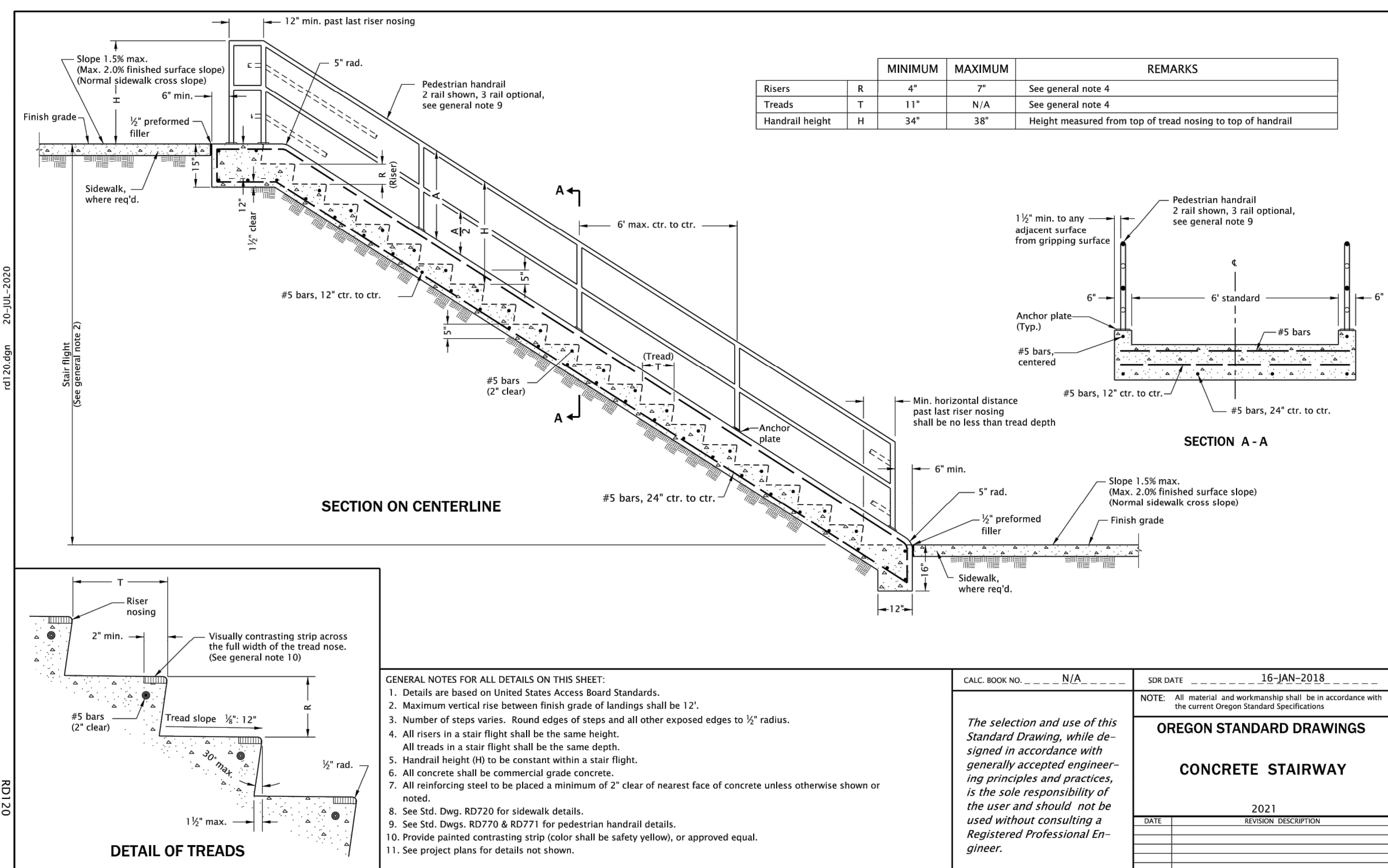
CITY OF ALBANY, OREGON
PUBLIC WORKS DEPARTMENT
BEEHIVE OVERFLOW INLET GRATE

NO SCALE JANUARY 2015 NO. 620



STATE APPROVED - ASPHALT DIPPED
24" SQUARE - 4"Ø OR 6"Ø OR 8"Ø OUTLET
STORM WATER CATCH BASIN
PROJ. MAN. DOUG P. DWN. PAUL G. SCALE NONE
DATE: JAN. 23, 06 MODEL: MPCBT0-42HB-46&8-4WH
DWG # **T2**

Gibson Steel Basins SINCE 1972
247 Washington St. Eugene, Or. 97401 ph: (541) 687 - 8672 fax: 344-0207

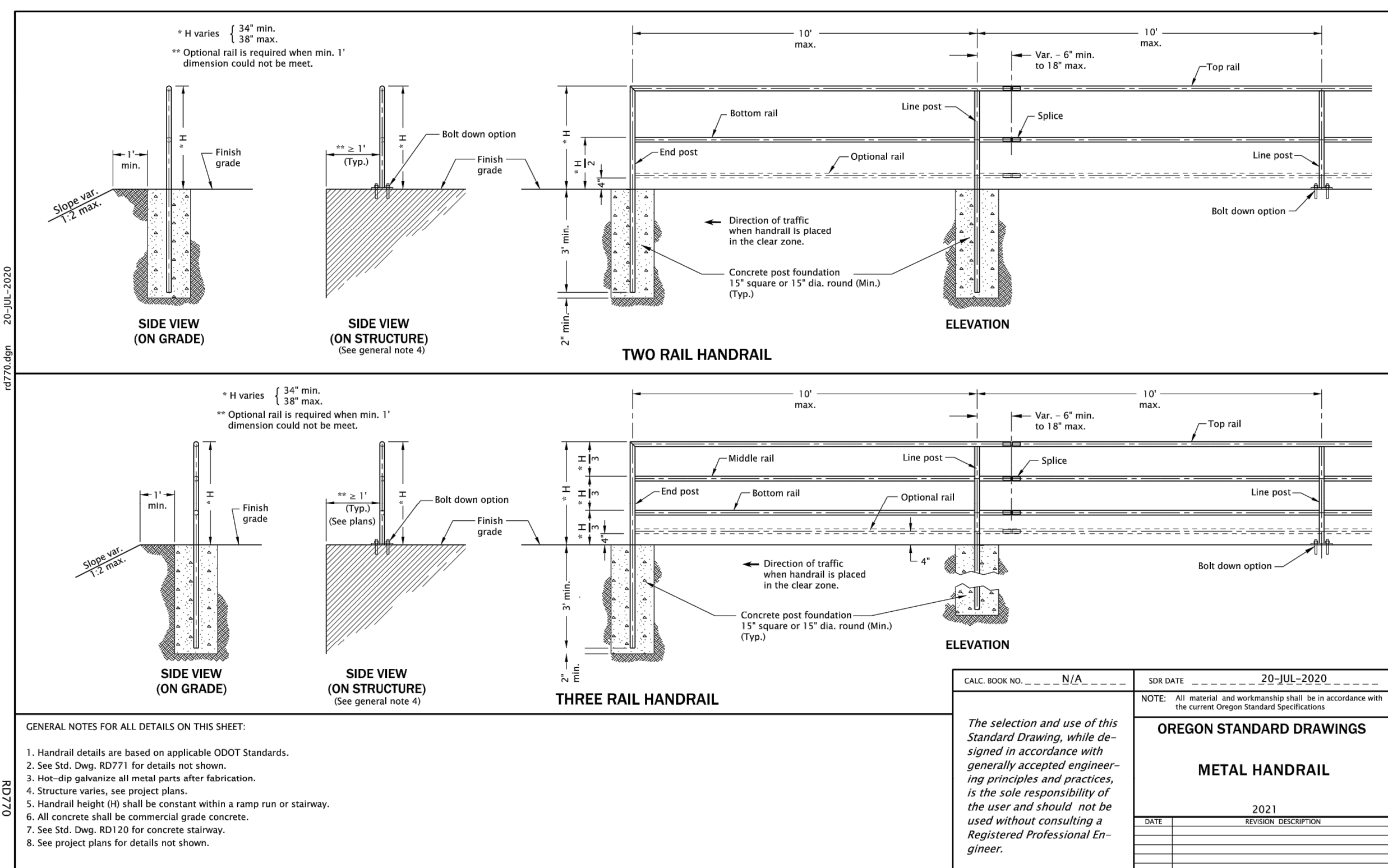


	MINIMUM	MAXIMUM	REMARKS
Risers R	4"	7"	See general note 4
Treads T	11"	N/A	See general note 4
Handrail height H	34"	38"	Height measured from top of tread nosing to top of handrail

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

- Details are based on United States Access Board Standards.
- Maximum vertical rise between finish grade of landings shall be 12".
- Number of steps varies. Round edges of steps and all other exposed edges to 1/8" radius.
- All risers in a stair flight shall be the same height.
- All treads in a stair flight shall be the same depth.
- Handrail height (H) to be constant within a stair flight.
- All concrete shall be commercial grade concrete.
- All reinforcing steel to be placed a minimum of 2" clear of nearest face of concrete unless otherwise shown or noted.
- See Std. Dwg. RD720 for sidewalk details.
- See Std. Dwg. RD770 & RD771 for pedestrian handrail details.
- Provide painted contrasting strip (color shall be safety yellow, or approved equal).
- See project plans for details not shown.

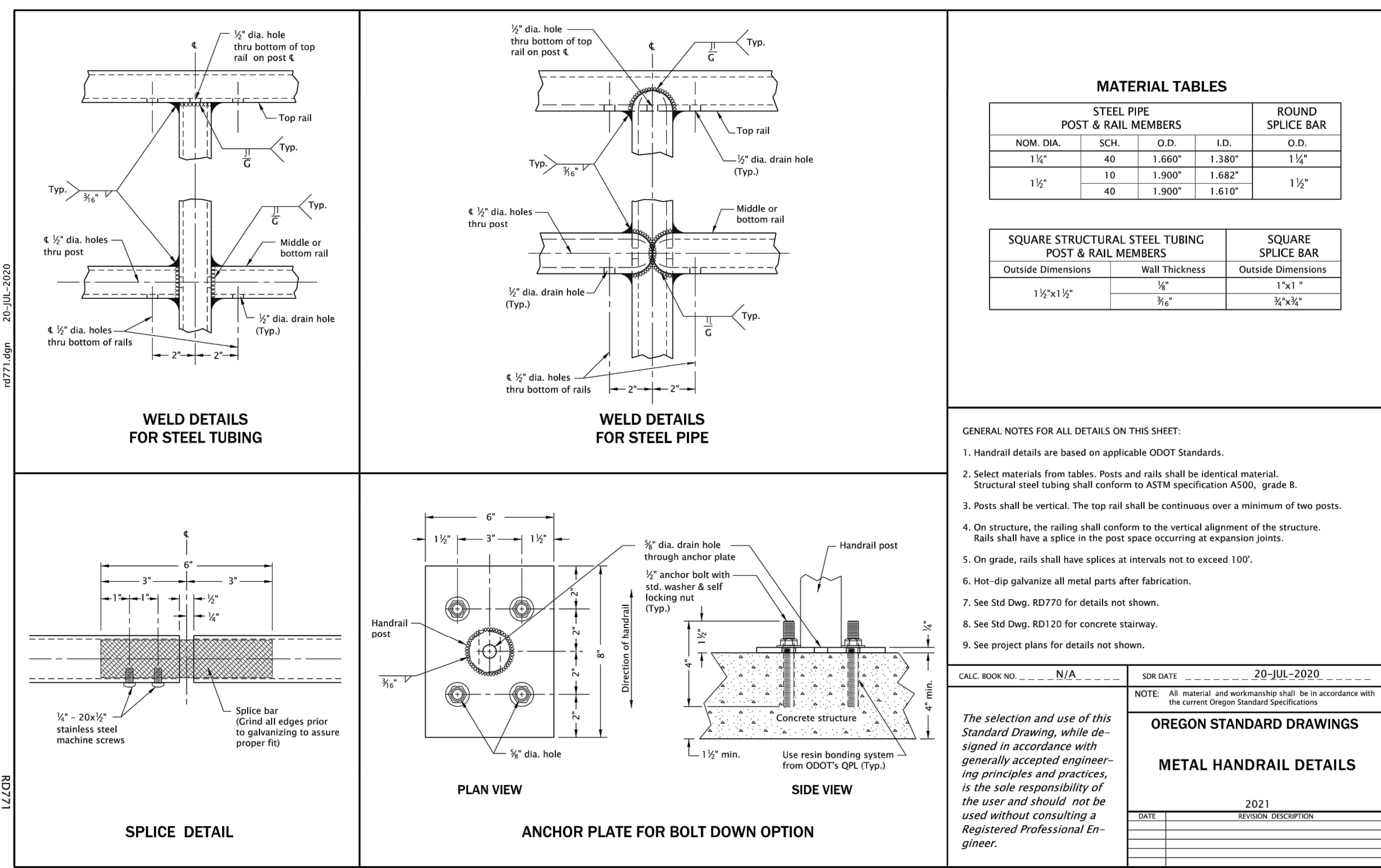
OREGON STANDARD DRAWINGS
CONCRETE STAIRWAY
 2021
 Effective Date: December 1, 2020 - May 31, 2021
 RD120



GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

- Handrail details are based on applicable ODOT Standards.
- See Std. Dwg. RD771 for details not shown.
- Hot-dip galvanize all metal parts after fabrication.
- Structure varies, see project plans.
- Handrail height (H) shall be constant within a ramp run or stairway.
- All concrete shall be commercial grade concrete.
- See Std. Dwg. RD120 for concrete stairway.
- See project plans for details not shown.

OREGON STANDARD DRAWINGS
METAL HANDRAIL
 2021
 Effective Date: December 1, 2020 - May 31, 2021
 RD770



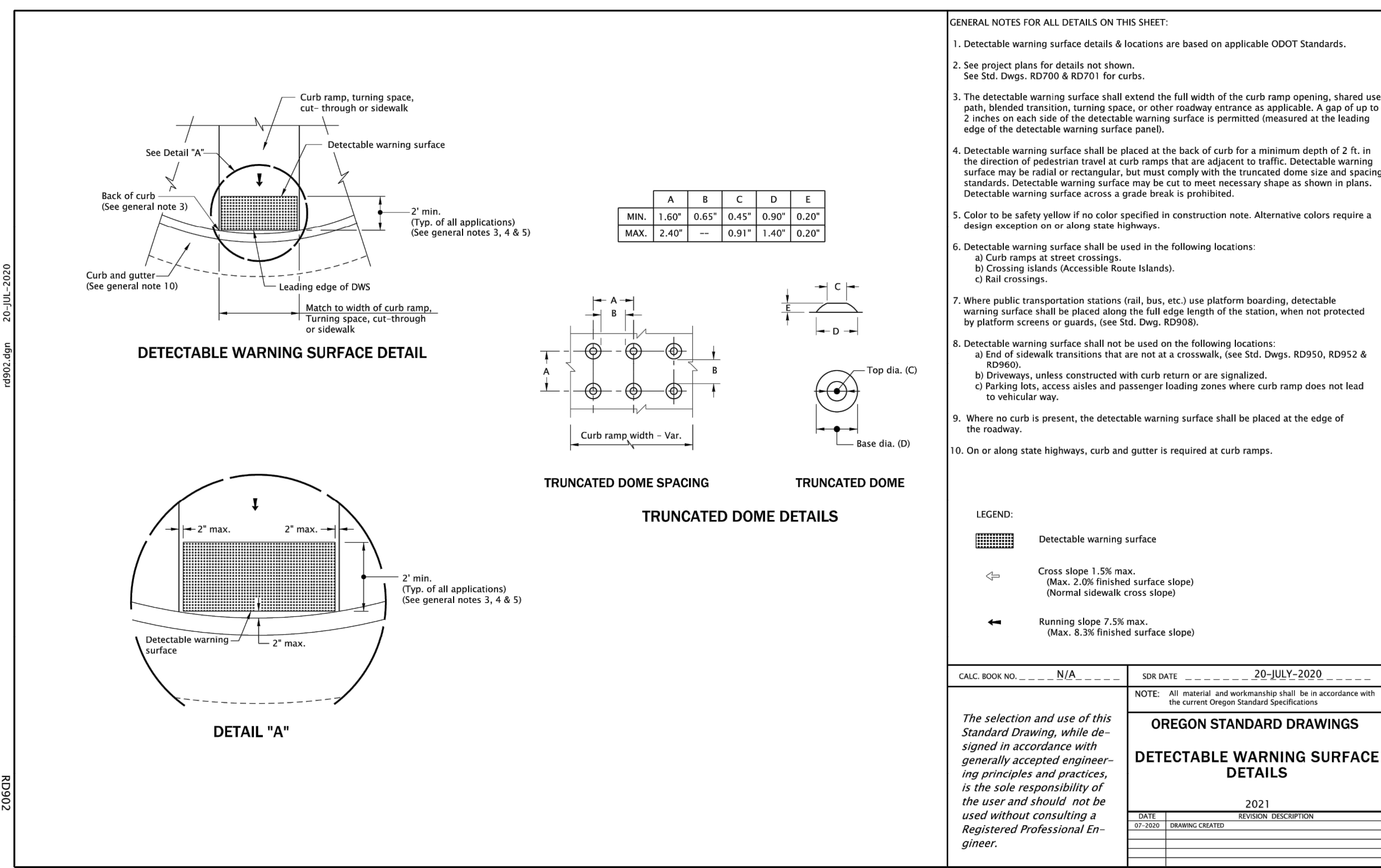
STEEL PIPE POST & RAIL MEMBERS				ROUND SPLICE BAR
NOM. DIA.	SCH.	O.D.	I.D.	O.D.
1 1/2"	40	1.660"	1.380"	1 1/2"
1 1/2"	40	1.900"	1.682"	1 1/2"

SQUARE STRUCTURAL STEEL TUBING POST & RAIL MEMBERS		SQUARE SPLICE BAR
Outside Dimensions	Wall Thickness	Outside Dimensions
1 1/2"x1 1/2"	3/8"	1 1/2"x1 1/2"

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

- Handrail details are based on applicable ODOT Standards.
- Select materials from tables. Posts and rails shall be identical material. Structural steel tubing shall conform to ASTM specification A500, grade B.
- Posts shall be vertical. The top rail shall be continuous over a minimum of two posts.
- On structure, the railing shall conform to the vertical alignment of the structure. Rails shall have a splice in the post space occurring at expansion joints.
- On grade, rails shall have splices at intervals not to exceed 100'.
- Hot-dip galvanize all metal parts after fabrication.
- See Std. Dwg. RD770 for details not shown.
- See Std. Dwg. RD120 for concrete stairway.
- See project plans for details not shown.

OREGON STANDARD DRAWINGS
METAL HANDRAIL DETAILS
 2021
 Effective Date: December 1, 2020 - May 31, 2021
 RD771



GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

- Detectable warning surface details & locations are based on applicable ODOT Standards.
- See project plans for details not shown.
- The detectable warning surface shall extend the full width of the curb ramp opening, shared use path, blended transition, turning space, or other roadway entrance as applicable. A gap of up to 2 inches on each side of the detectable warning surface is permitted (measured at the leading edge of the detectable warning surface panel).
- Detectable warning surface shall be placed at the back of curb for a minimum depth of 2 ft. in the direction of pedestrian travel at curb ramps that are adjacent to traffic. Detectable warning surface may be radial or rectangular, but must comply with the truncated dome size and spacing standards. Detectable warning surface may be cut to meet necessary shape as shown in plans. Detectable warning surface across a grade break is prohibited.
- Color to be safety yellow if no color specified in construction note. Alternative colors require a design exception on or along state highways.
- Detectable warning surface shall be used in the following locations:
 a) Curb ramps at street crossings.
 b) Crossing Islands (Accessible Route Islands).
 c) Rail crossings.
- Where public transportation stations (rail, bus, etc.) use platform boarding, detectable warning surface shall be placed along the full edge length of the station, when not protected by platform screens or guards. (See Std. Dwg. RD908).
- Detectable warning surface shall not be used on the following locations:
 a) End of sidewalk transitions that are not at a crosswalk. (See Std. Dwg. RD950, RD952 & RD960).
 b) Driveways, unless constructed with curb return or are signalized.
 c) Parking lots, access aisles and passenger loading zones where curb ramp does not lead to vehicular way.
- Where no curb is present, the detectable warning surface shall be placed at the edge of the roadway.
- On or along state highways, curb and gutter is required at curb ramps.

LEGEND:

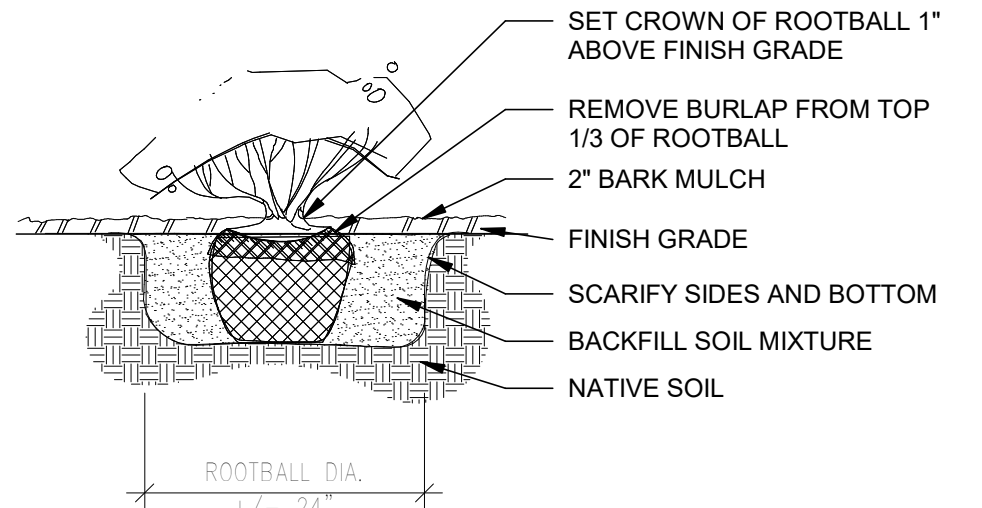
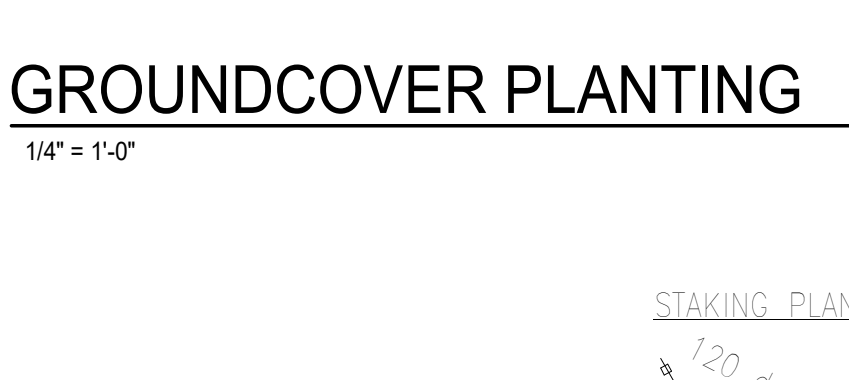
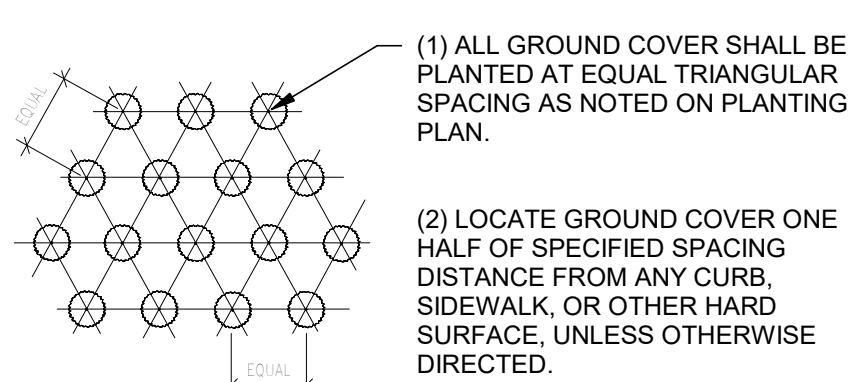
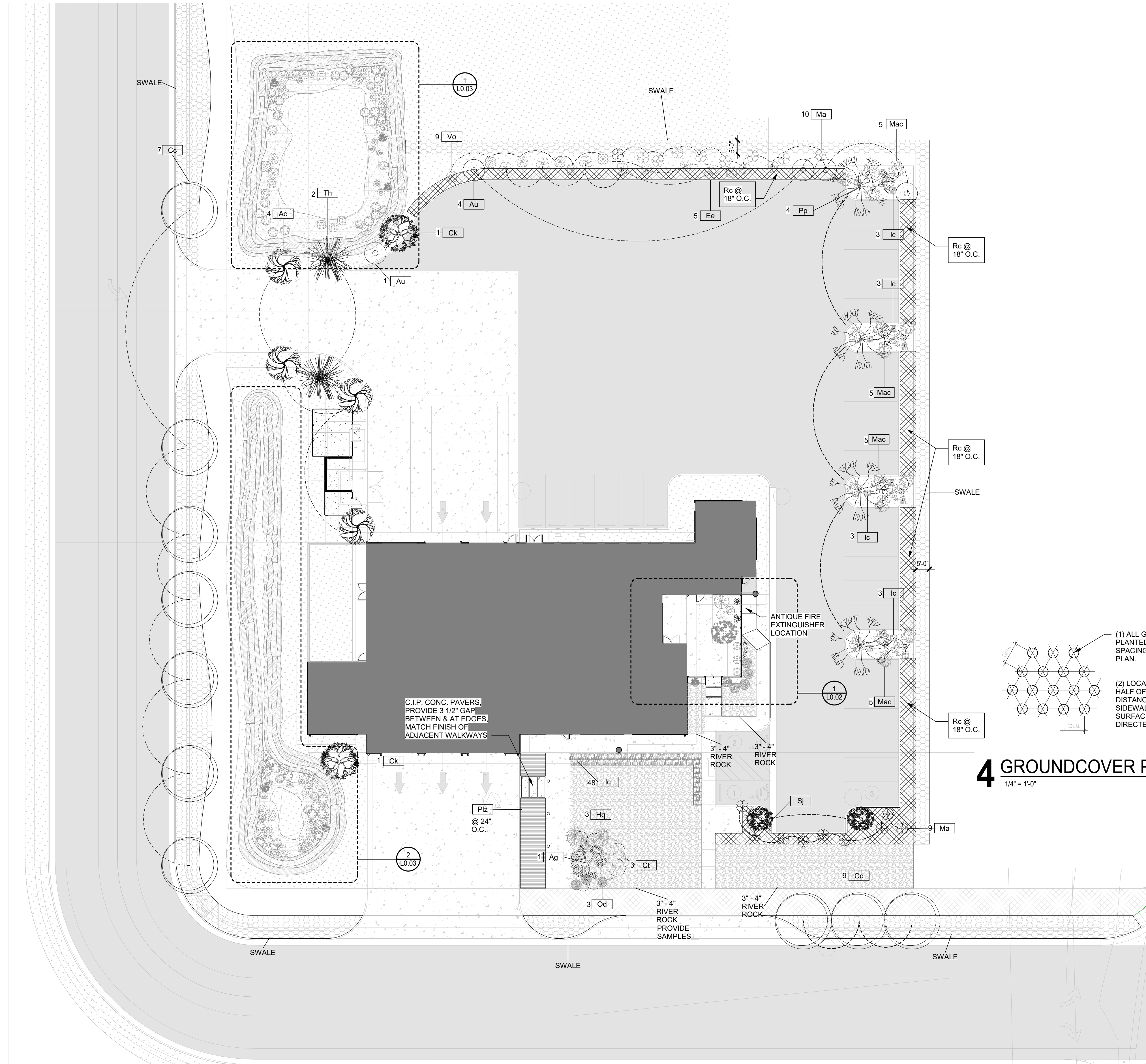
- Detectable warning surface
- Cross slope 1.5% max. (Max. 2.0% finished surface slope) (Normal sidewalk cross slope)
- Running slope 7.5% max. (Max. 8.3% finished surface slope)

OREGON STANDARD DRAWINGS
DETECTABLE WARNING SURFACE DETAILS
 2021
 Effective Date: December 1, 2020 - May 31, 2021
 RD902

No.	Description	Date



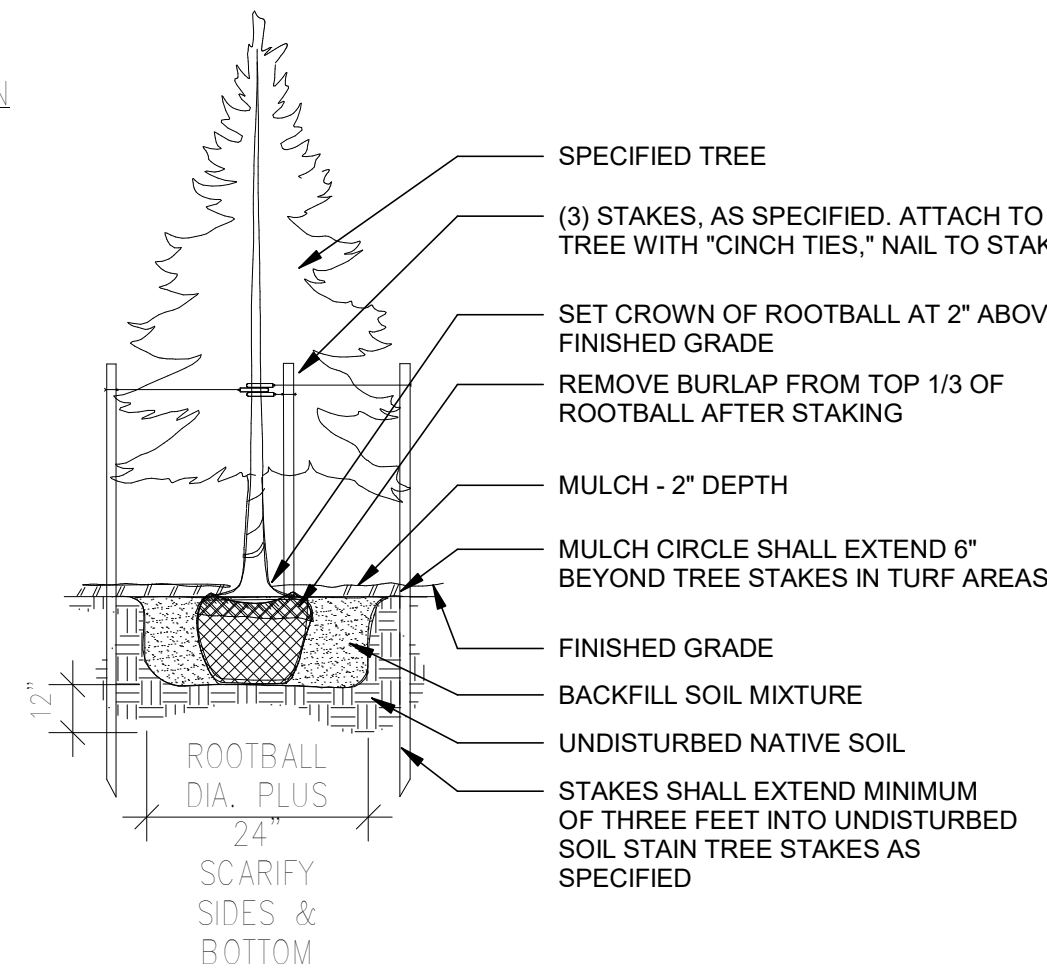
PLANT SCHEDULE				
Mark	Count	Latin name	Common name	Size
Ac	4	Acer circinatum	Vine maple	2-2 1/2" CAL.
Ag	1	Acer griseum	Paperbark Maple	2-2 1/2" CAL.
Au	5	Arbutus unedo 'compacta'	Strawberry bush	5 GAL.
Csn	1	Camelia sasanqua 'Narumigata'	Narumigata camelia	5 GAL.
Cs	1	Camelia sasanqua 'yuletide'	Yuletide sasanqua camelia	5 GAL.
Cc	10	Carpinus caroliniana	American Hornbeam	1 3/4" CAL.
Ct	3	Choisya ternata	Mexican orange	2 GAL.
Ca	1	Clematis armandii	Evergreen clematis	2 GAL.
Ck	2	Cornus kousa 'chinensis'	Kousa dogwood	8-10"
Csk	37	Cornus sericea 'Kelsey'	Dwarf red-osier dogwood	2 GAL.
Cp	3	Corylopsis pauciflora	Buttercup winter hazel	5 GAL.
Ee	5	Eleagnus ebbingii	Silverberry	5 GAL.
Hm	1	Hamamelis mollis	Witch hazel	5 GAL.
Hd	15	Holodiscus discolor	Ironwood	2 GAL.
Hq	3	Hydrangea quercifolia 'snow queen'	Oakleaf Hydrangea	5 GAL.
Ic	60	Ilex crenata 'convexa'	Convex japanese holly	18" O.C.
Ma	20	Mahonia aquifolium	Tall Oregon grape	5 GAL.
Mac	20	Mahonia aquifolium compacta	Dwarf oregon grape	2 GAL.
Mr	111	Mahonia repens	Creeping oregon grape	1 GAL. 18" O.C.
Od	8	Osmanthus delavayi	Tea olive	5 GAL.
Pp	4	Parrotia persica	Persian witch hazel	2" CAL.
Pl	16	Philadelphus lewisii	Mock orange	2 GAL.
Pt	1	Pittosporum tobira	Japanese pittosporum	5 GAL.
Pm	1	Podocarpus macrophyllus	Podocarpus	5 GAL.
Plz	1	Prunus l. 'zabeliana'	Zabel laurel	2 GAL.
Rs	6	Ribes sanguineum 'elk river red'	Flowering currant	5 GAL.
Rg	89	Rosa gymnocarpa	Dwarf wood rose	2 GAL.
Rc	1	Rubus calycioides	Creeping raspberry	4" POTS 18" O.C.
Sd	13	Spirea douglasii	Hardhack	2-2 1/2" CAL.
Sj	3	Styrax japonica	Japanese snowbell	1 1/2" CAL.
Th	2	Thuja plicata 'hogansii'	Hogan cedar	12-14"
Vo	39	Vaccinium ovatum	Evergreen huckleberry	2 GAL.



4 GROUNDCOVER PLANTING
1/4" = 1'-0"

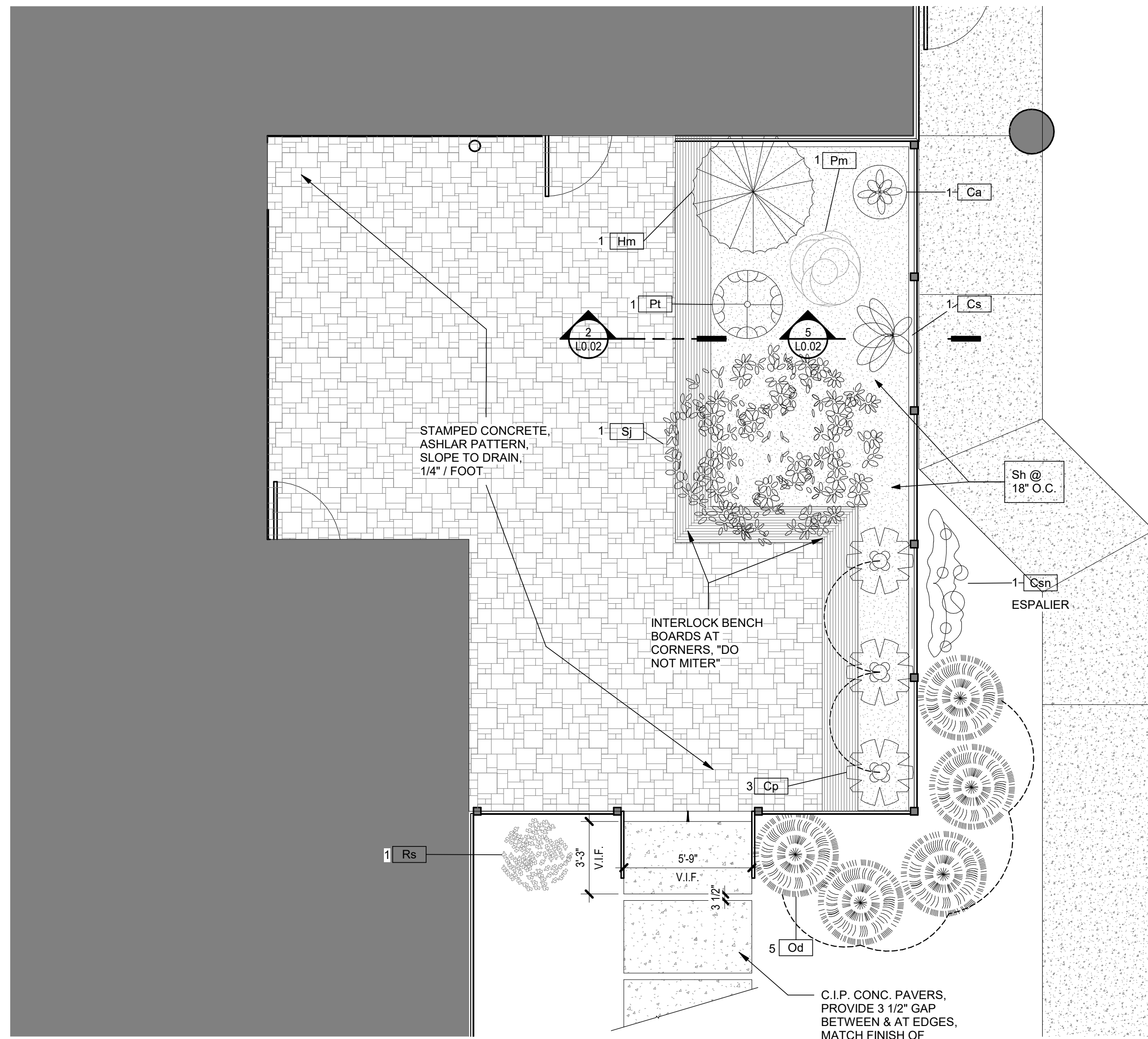
3 SHRUB PLANTING
3/8" = 1'-0"

STAKING PLAN

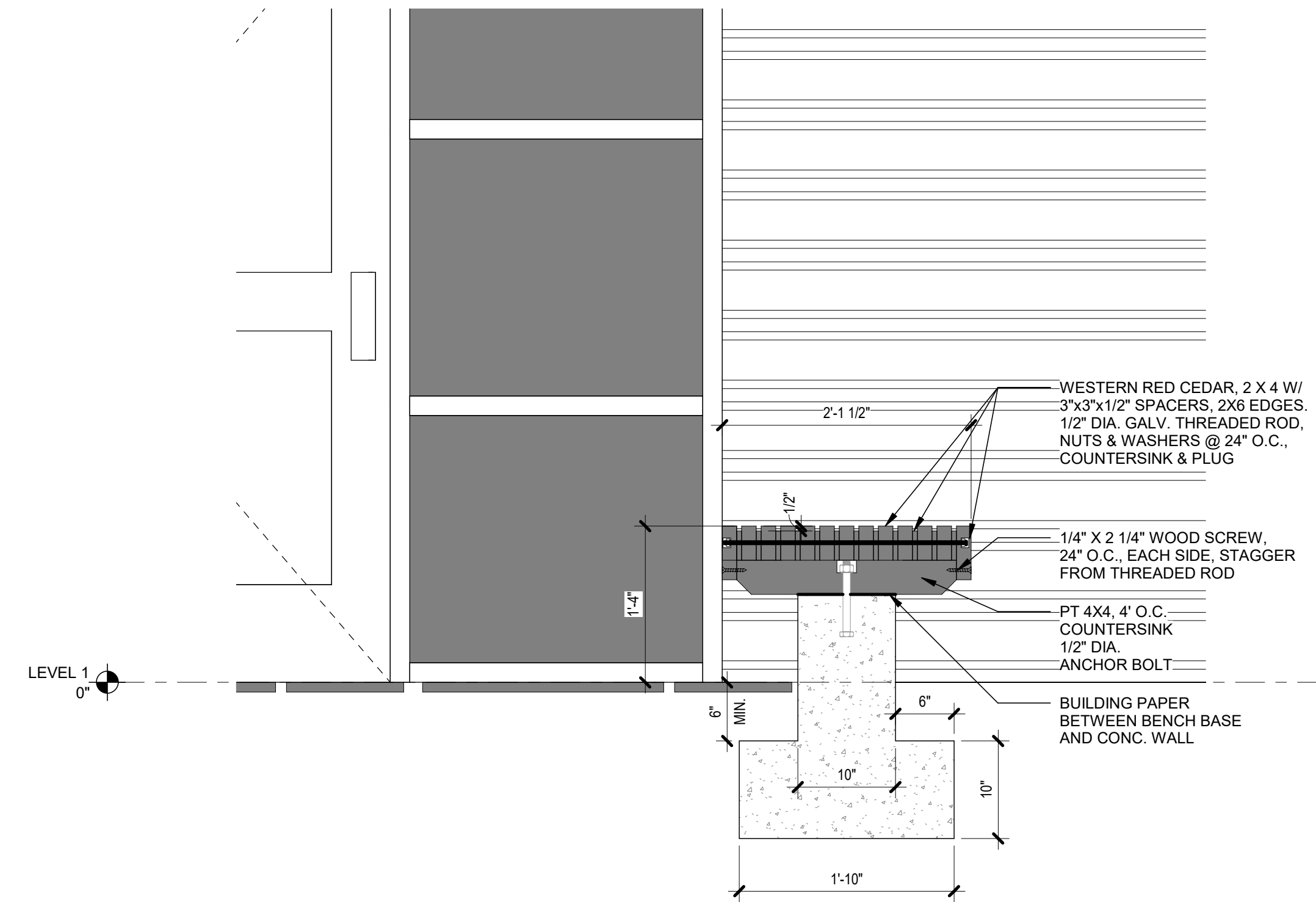


2 TREE PLANTING
1/4" = 1'-0"

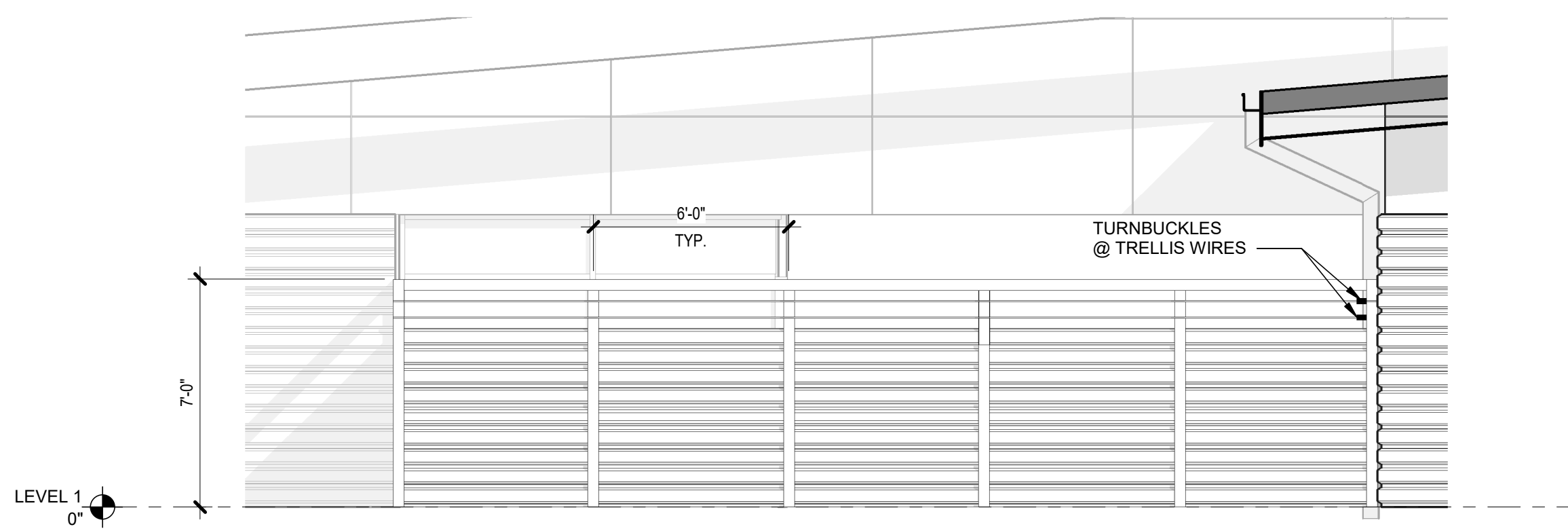
1 LANDSCAPING PLAN
1" = 20'-0"



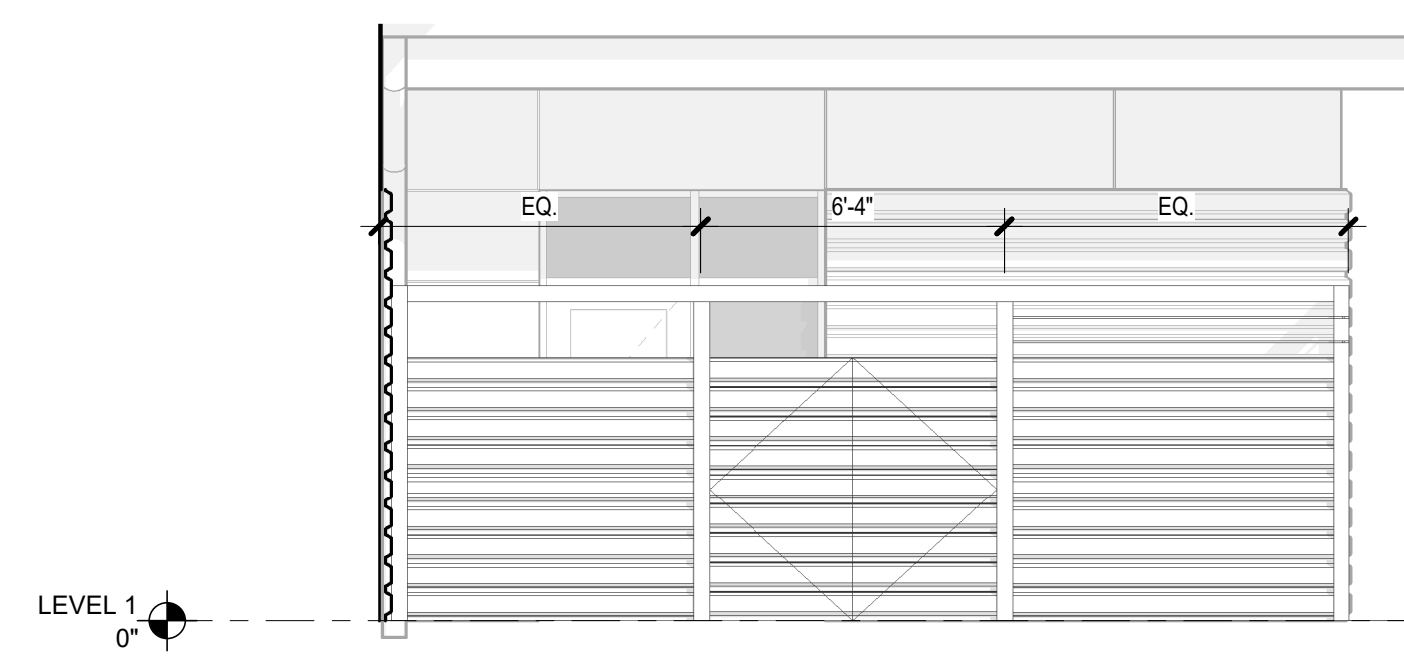
1 LANDSCAPING COURTYARD PLAN
1/4" = 1'-0"



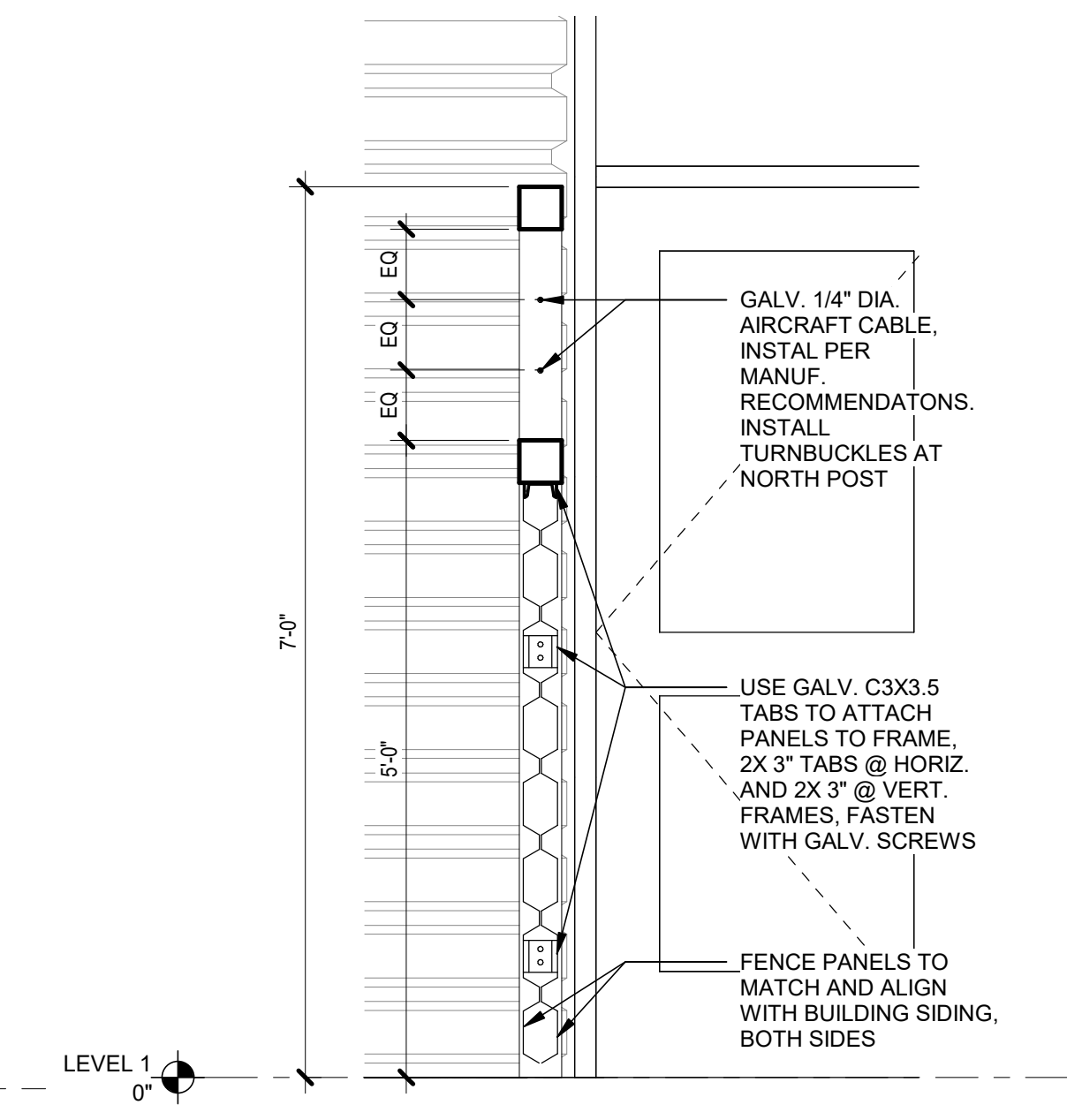
2 COURTYARD BENCH SECTION
1" = 1'-0"



3 FENCE EAST ELEVATION
1/4" = 1'-0"



4 FENCE SOUTH ELEVATION
1/4" = 1'-0"



5 COURTYARD FENCE SECTION
3/4" = 1'-0"

Project
Millersburg Fire Station 15
3800 Old Salem Rd NE
Millersburg, OR 97321



Consultant

Revisions

No.	Description	Date

Stamp



Issuance

BID SET

Date

2/3/21

Project Number

20006

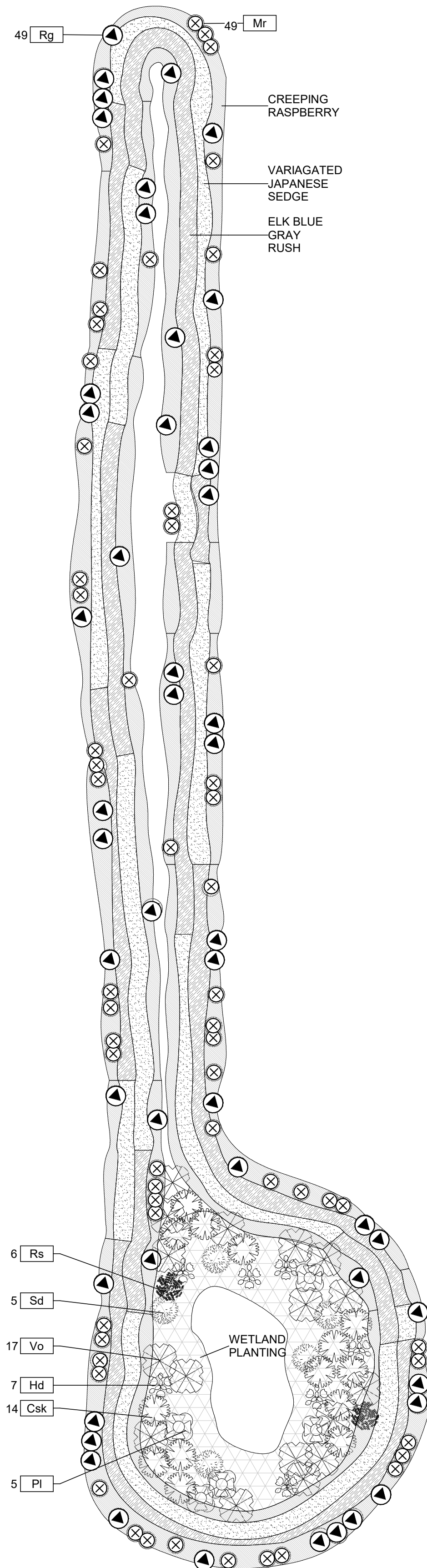
Drawing Title

POND & SWALE PLAN

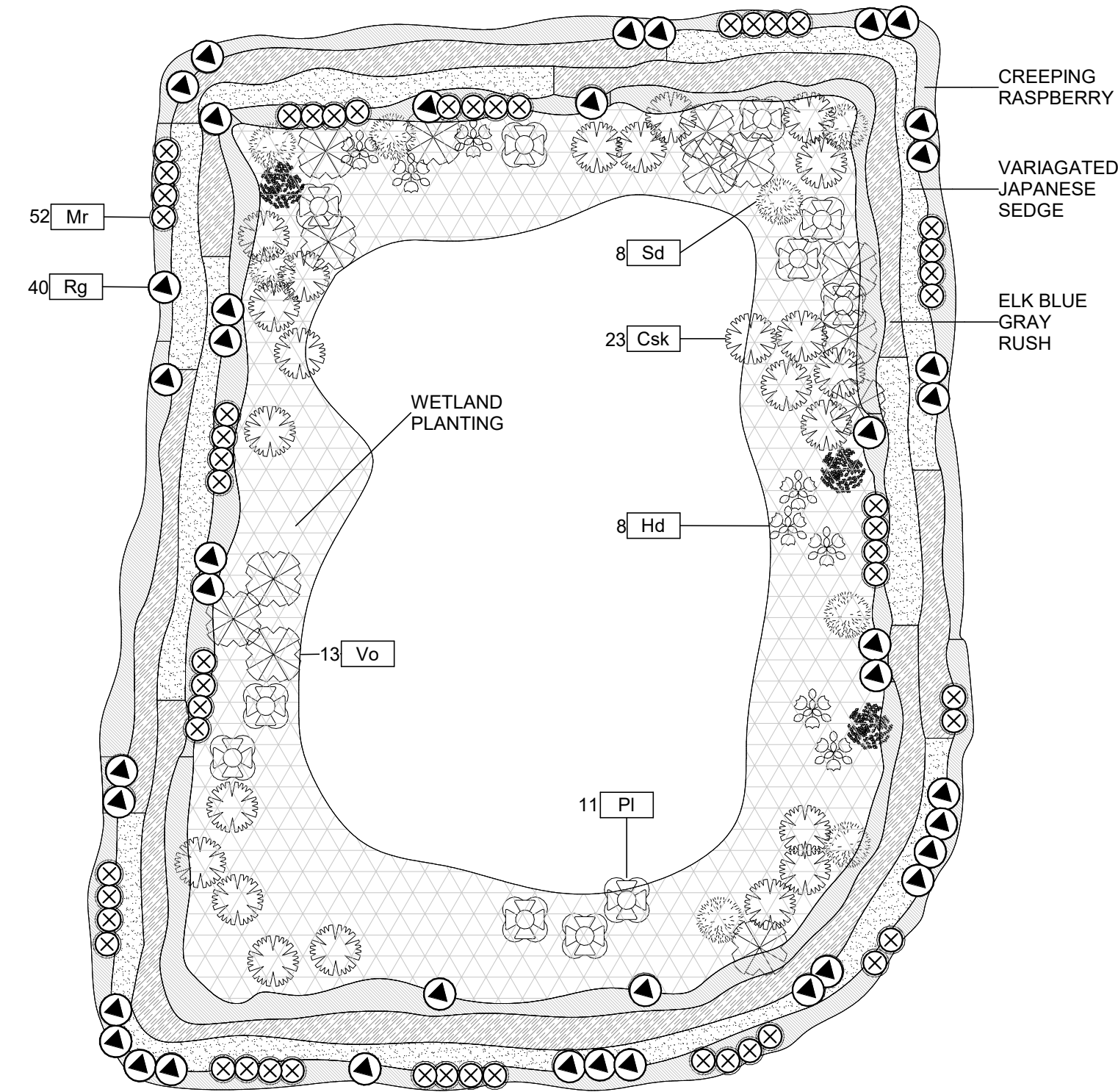
Sheet No

L0.03

POND & SWALE PLANTS					
PATTERN	MARK	PLANT AT APPARENT RANDOM			
		LATIN NAME	COMMON NAME	SIZE	PER 100 SF
[Swale Pattern]	SWALE	<i>Polystichum dudleyi</i>	Sword Fern	1 gal.	7
		<i>Gaultheria shallon</i>	Salal	1 gal.	7
		<i>Mahonia aquifolium compacta</i>	Dwarf Oregon Grape	2 gal.	10
		<i>Mahonia repens</i>	Creeping Oregon Grape	1 gal.	25
		<i>Vaccinium ovatum</i>	Evergreen huckleberry	2 gal.	15
		<i>Cornus sericea 'Kelsey'</i>	Dwarf Red-osier Dogwood	2 gal.	3
[Wetland Planting Pattern]	WETLAND PLANTING	<i>Carex deweyana</i>	Dewey Sedge	1 gal.	15
		<i>Carex rosii</i>	Ross' Sedge	1 gal.	15
		<i>Deschampsia elongata</i>	Slender Hair Grass	1 gal.	10
		<i>Juncus ensifolia</i>	Dagger-leaf Rush	1 gal.	10
		<i>Juncus tenuis</i>	Slender Rush	1 gal.	10
		<i>Sagittaria latifolia</i>	Wapato	1 gal.	5
		<i>Polystichum dudleyi</i>	Sword Fern	1 gal.	7
		<i>Gaultheria shallon</i>	Salal	1 gal.	4
		<i>Mahonia aquifolium compacta</i>	Dwarf Oregon Grape	2 gal.	10
		<i>Rosa Nutkana</i>	Nootka rose	1 gal.	3
		<i>Mahonia repens</i>	Creeping Oregon Grape	1 gal.	12



2 SOUTH POND PLAN
1" = 10'-0"



1 NORTH POND PLAN
1" = 10'-0"