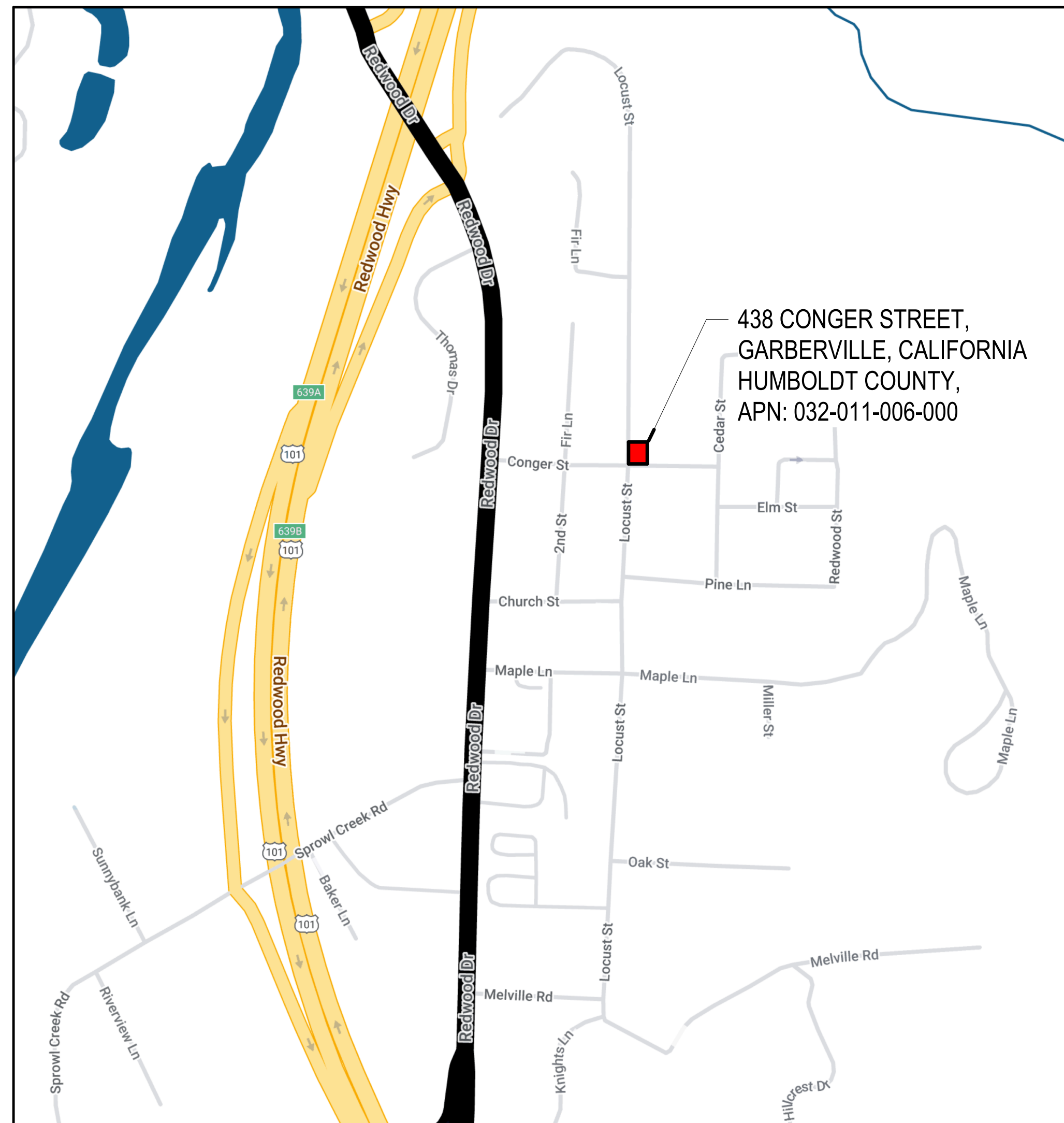


JOHN HAYNES VETERANS MEMORIAL BUILDING

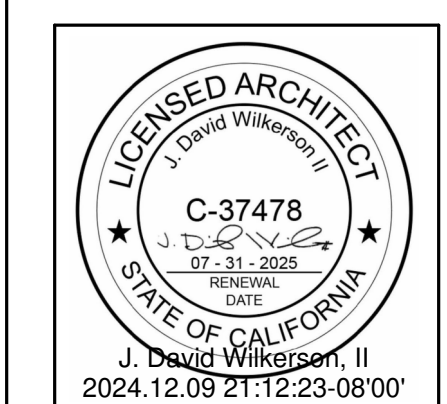


VICINITY MAP



1'-4"
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SCALE: 3" = 1'-0"
2'-8"
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SCALE: 1 1/2" = 1'-0"
16'
8'
4'
2'
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SCALE: 1/4" = 1'-0"
10'-8"
7
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0
SCALE: 3/8" = 1'-0"
42'-8"
16'
8'
4'
2'
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SCALE: 1/8" = 1'-0"
24'
12'
4'
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SCALE: 3/32" = 1'-0"
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Blank space for project notes or additional information.

John Haynes Veterans Memorial Building
483 Conger Street, Garberville, CA 95542
Humboldt County
APN: 032-011-006-000
COVER

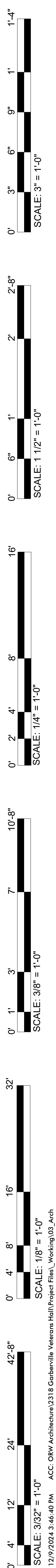
PROJECT:	2318	
DATE:	12/09/2024	
ISSUE:	100% CD	
No.	Description	Date

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OWNER	ARCHITECT
HUMBOLDT COUNTY DEPT. OF PUBLIC WORKS 1106 SECOND ST EUREKA, CA 95501 CONTACT: SEAN MEEHAN PUBLIC WORKS DEPUTY DIRECTOR PHONE: FAX: EMAIL: SMEEHAN@CO.HUMBOLDT.CA.US	ORW ARCHITECTURE 29 S. GRAPE ST MEDFORD, OR 97501 ARCHITECT OF RECORD DAVID WILKERSON DAVID@ORWARCH.COM CONTACT: RYAN BURKE PROJECT MANAGER PHONE: 541.779.5237 FAX: 541.772.8472 EMAIL: RYAN@ORWARCH.COM
KITCHEN	COST ESTIMATE
HALLIDAY ASSOCIATES INC 656 NW NORDWOOD STREET CAMAS, WA 98607 CONTACT: LAURA BOURLAND PRINCIPAL/FSCI PHONE: FAX: EMAIL: LAURA@HAIDESIGN.COM	CONSTRUCTION FOCUS 740 ALMADEN STREET EUGENE, OR 97402 CONTACT: STEVE GUNN CHIEF ESTIMATOR PHONE: 541.686.2031 FAX: 541.686.3392 EMAIL: SGUNN@CONSTRUCTIONFOCUS.COM

CIVIL	LANDSCAPE	STRUCTURAL	MECHANICAL	ELECTRICAL	PLUMBING	GENERAL CONTRACTOR	KITCHEN	COST ESTIMATE
SHN CONSULTING ENGINEERS & GEOLOGISTS INC 812 W. WABASH AVE. EUREKA, CA 95501-2138 CONTACT: JORDAN LUDTKE PROJECT MANAGER PHONE: 707.441.8855 FAX: 707.441.8877 EMAIL: JLUDTKE@SHN-ENGR.COM	TERRAIN LANDSCAPE 310 OAK STREET, SUITE 3 ASHLAND, OR 97520 CONTACT: PIPER VON CHAMIER PRINCIPAL PHONE: 541.500.4776 EMAIL: PIPER@TERRAINARCH.COM	DEI ENGINEERS 106 S. MARKET STREET ASHLAND, OR 97520 CONTACT: BRIAN DUNAGAN PRINCIPAL ENGINEER PHONE: 541.897.0021 FAX: 888.873.0790 EMAIL: BRIAN@DEIENGINEERS.COM	ARCSINE ENGINEERING 950 EXECUTIVE WAY REDDING, CA 96002 CONTACT: JOHN KELLER PROFESSIONAL ENGINEER PHONE: 530.222.7204 EMAIL: JKELLER@ARC-SINE.COM	ARCSINE ENGINEERING 950 EXECUTIVE WAY REDDING, CA 96002 CONTACT: JUSTIN ARZIERE ELECTRICAL DESIGNER PHONE: 530.222.7204 EMAIL: JARZIERE@ARC-SINE.COM	ARCSINE ENGINEERING 950 EXECUTIVE WAY REDDING, CA 96002 CONTACT: TIM O'KEEFE MECHANICAL ENGINEER PHONE: 530.222.7204 EMAIL: TOKEEFE@ARC-SINE.COM	TBD	HALLIDAY ASSOCIATES INC 656 NW NORDWOOD STREET CAMAS, WA 98607 CONTACT: LAURA BOURLAND PRINCIPAL/FSCI PHONE: FAX: EMAIL: LAURA@HAIDESIGN.COM	CONSTRUCTION FOCUS 740 ALMADEN STREET EUGENE, OR 97402 CONTACT: STEVE GUNN CHIEF ESTIMATOR PHONE: 541.686.2031 FAX: 541.686.3392 EMAIL: SGUNN@CONSTRUCTIONFOCUS.COM

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LEGEND AND SYMBOLS

DRAWING TITLE
INDICATES DRAWING NUMBER, NAME & SCALE

ELEVATION REFERENCE
REFER TO INDICATED DRAWING

DETAIL REFERENCE
REFER TO INDICATED DRAWING

BUILDING SECTION REFERENCE
(WALL SECTIONS UNFILLED ARROW)
INDICATES DIRECTION & POINT WHERE SECTION IS TAKEN

COLUMN GRID SYMBOL
COLUMN GRID LINE DESIGNATION

NORTH ARROW
INDICATES PROJECT NORTH

REVISION CLOUD
REVISION NUMBER 'DELTA' OCCURS AT EACH CHANGE

KEYNOTE SYMBOL
SEE KEYNOTE LISTING

ROOM NAME/NUMBER SYMBOL
SEE FLOOR PLANS

WALL TAG
SEE BUILDING ASSEMBLIES

DOOR TAG
SEE DOOR SCHEDULE

WINDOW TAG
SEE WINDOW SCHEDULE

CURTAIN WALL / STOREFRONT TAG
SEE CURTAIN WALL / STOREFRONT SCHEDULE

CEILING TAG
SEE REFLECTED CEILING PLAN & BUILDING ASSEMBLIES

ROOF TAG
SEE ROOF PLAN & BUILDING ASSEMBLIES

FINISH PLAN SYMBOL
OCCURS ON FINISH PLAN

EGRESS EXIT LIGHT
OCCURS ON EGRESS PLAN

DRAWING NUMBER
DRAWING NAME
DRAWING SCALE

SHEET WHERE SHOWN
DRAWING NUMBER

SIMILAR TO REFERENCE
DETAIL DESIGNATION
SHEET WHERE SHOWN

SIMILAR TO REFERENCE DRAWING DESIGNATION
SHEET WHERE SHOWN

GRID NUMBER

PROJECT NORTH
TRUE NORTH

REVISED AREA
REVISED AREA
REVISED NUMBER

KEYNOTE NUMBER

ROOM NAME
ROOM NAME
ROOM NUMBER
ROOM AREA

ASSEMBLY NUMBER
MODIFIERS
STUD SIZE

DOOR NUMBER

WINDOW NUMBER

CURTAIN WALL / STOREFRONT NUMBER

CEILING ASSEMBLY NUMBER
INSTALLATION HEIGHT

ROOF ASSEMBLY NUMBER

WEST WALL FINISH
NORTH WALL FINISH
ROOM NUMBER
ROOM ABBREVIATION
EAST WALL FINISH

CEILING FINISH
FLOOR FINISH & BASE
SOUTH WALL FINISH

ILLUMINATED ARROW
BRACKET WALL MOUNT
FLUSH WALL MOUNT
ILLUMINATION DIRECTION

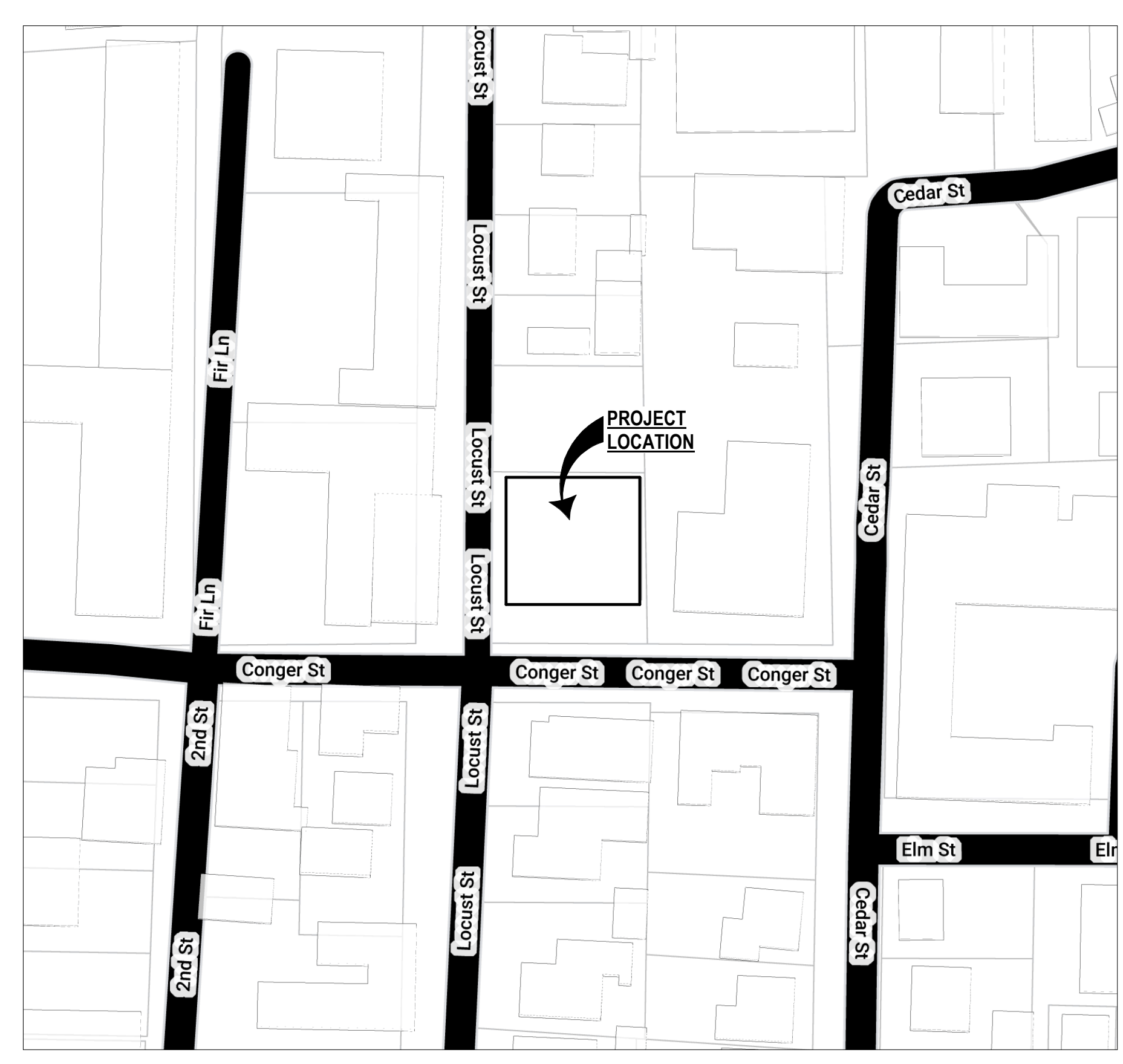
KEYNOTES OVERALL

#	NOTE
A0100.01	DIMENSIONS ARE FOR GENERAL REFERENCE & WINDOWS ARE TO BE CENTERED BETWEEN WINDOWS
A0331.01	12" H RAISED STEM WALL
A0618.01	GLU-LAM BEAM, REF STRUCT DWGS
A0641.02	PLAM BASE CABINETS
A0746.01	MP-1 METAL PANEL 1 - VINTAGE
A0746.02	MP-2 METAL PANEL 2 - FLEX RED
A0746.03	METAL PANEL REVEAL
A0746.04	REDWOOD SIDING
A0761.01	PARAPET CAP
A0771.01	FALL ARREST SYSTEM, SHOWN SCHEMATICALLY. THE SYSTEM IS TO BE BIDDER DESIGNED TO BE COORDINATED WITH THE STRUCTURAL ENGINEER OF RECORD, TO MEET OSHA AND CALIFORNIA REQUIREMENTS
A0772.01	TAPERED INSULATION CRICKETS
A0812.01	STAINLESS STEEL JAMBS, REF KITCHEN DWGS
A0831.01	ATTIC ACCESS PANEL
A0871.01	ADA PUSH BUTTON
A0972.01	MDF CHAIR RAIL
A0977.01	GYPSUM WALL BOARD REVEAL TO ALIGN WITH DOOR HEAD HEIGHT
A0977.02	PLAM BASE CABINET w/ STAINLESS STEEL COUNTERTOP, REF KITCHEN DWGS
A1011.01	PROJECTION SCREEN
A1011.02	PROJECTOR
A1014.02	ALUMINUM LETTERS
A1014.03	BUILDING PLAQUE CENTER ON REDWOOD TRIM
A1028.01	ADA GRAB BARS, REF ADA DETAILS
A1028.02	TOILET PARTITIONS
A1028.03	URINAL SCREEN
A1028.04	MIRROR 24x36
A1028.05	SOAP DISPENSER
A1028.06	PAPER TOWEL DISPENSER
A1028.07	TOILET PAPER DISPENSER
A1028.08	SANITARY NAPKIN DISPENSER
A1028.09	TOILET SEAT COVER DISPENSER
A1041.01	KNOX BOX
A1044.01	RECESSED FIRE EXTINGUISHER CABINET
A1045.01	EXIT SIGNAGE, REF ELEC DWGS
A1075.01	FLAGPOLE
A1075.02	(7) FLAGPOLE SLEEVES
A1152.01	TELEVISION BLOCKING REQUIRED
A1224.01	MOTORIZED ROLL UP SHADES

KEYNOTES OVERALL

#	NOTE
A1224.02	SUNSHADES
A2210.01	PLUMBING PIPE, REF PLUMB DWGS
A2214.01	PLUMBING DRAIN, REF PLUMB DWGS
A2214.02	TRENCH DRAIN, REF CIVIL DWGS
A2214.03	AREA DRAIN, REF CIVIL DWGS
A2214.04	ROOF DRAIN NOZZLE, REF PLUMB DWGS
A2230.01	PLUMBING EQUIPMENT, REF PLUMB DWGS
A2233.01	ELECTRIC WATER HEATER, REF PLUMB DWGS
A2238.01	COMBINE HVAC VENTS FOR MINIMUM ROOF PENETRATIONS, REF MECH DWGS
A2242.01	FLOOR MOUNTED WATER CLOSET OFCI, REF PLUMB DWGS
A2242.02	WALL MOUNTED LAVATORY, REF PLUMB DWGS OFCI
A2242.03	WALL MOUNTED URINAL OFCI, REF PLUMB DWGS
A2242.04	MOP SINK, REF PLUMB DWGS
A2247.01	DRINKING FOUNTAIN, REF PLUMB DWGS
A2331.01	DIFFUSER, REF MECH DWGS
A2331.02	RETURN GRILLE, REF MECH DWGS
A2336.01	HEAT PUMP, REF MECH DWGS
A2336.02	AIR HANDLER, REF MECH DWGS
A2337.01	ROOF EXHAUST, REF MECH DWGS
A2600.01	ELECTRICAL PANEL, REF ELEC DWGS
A2600.02	TELEPHONE TERMINAL BOARD, REF ELEC DWGS
A2600.03	ELECTRICAL FIXTURE, REF ELEC DWGS
A2600.04	ELECTRICAL OUTLET, REF ELEC DWGS
A2600.05	ELECTRICAL DISCONNECTS, REF ELEC DWGS
A2650.01	LIGHTING FIXTURE, REF ELEC DWGS
A3230.01	GENERATOR, REF ELEC DWGS
A3230.02	KEYSTONE WALL, REF CIVIL PLAN FOR EXTENT, AND MANUFACTURER GUIDE FOR INSTALLATION
A3230.03	PERGOLA MADE FROM SALVAGED WOOD
A3230.04	CONCRETE SLAB REF CIVIL & STRUCT DWGS
A3230.05	8' TALL CHAIN LINK FENCE w/ POSTS @ 10'-0" OC
A3230.06	REMOVEABLE RAILING
A3230.07	CONTROL JOINTS ALIGN WITH CENTERLINE OF BEAM ABOVE
A3230.09	MEMORIAL PLAQUE
A3230.10	CHAIN LINK FENCE
A3340.01	GUTTER
A6460.01	TRIM AROUND DISPLAY CABINET TO MATCH DOOR

SITE MAP



SHEET INDEX

GENERAL

- G00.00 COVER
- G00.01 DRAWING INDEX & INFORMATION
- G00.20 ACCESSIBILITY DETAILS
- G00.21 ACCESSIBILITY DETAILS
- G00.40 BUILDING ASSEMBLIES

CIVIL

- C0.1 CIVIL NOTES, ABBREVIATIONS, AND LEGEND
- C1.0 DEMOLITION PLAN
- C2.0 SITE PLAN
- C3.0 GRADING AND DRAINAGE PLAN
- C4.0 UTILITY PLAN
- C4.1 SEWER PROFILE
- C5.0 DETAILS
- C6.0 DETAILS
- C7.0 DETAILS
- C8.0 DETAILS
- C9.0 DETAILS

LANDSCAPE

- L1.0 PLANTING PLAN
- L1.1 PLANTING DETAILS
- L2.0 IRRIGATION PLAN
- L2.1 IRRIGATION DETAILS
- L2.2 IRRIGATION DETAILS

ARCHITECTURAL

- A00.10 CODE ANALYSIS & EGRESS DIAGRAM
- A01.00 SITE PLAN
- A01.01 SITE DETAILS
- A01.02 SITE DETAILS
- A01.03 SITE DETAILS
- A02.51 SLAB COORDINATION PLAN
- A02.52 FOUNDATION DETAILS
- A02.53 FOUNDATION DETAILS
- A03.11 FLOOR PLAN - LEVEL 01
- A03.30 LOWER ROOF PLAN
- A03.31 UPPER ROOF PLAN
- A03.32 ROOF DETAILS
- A03.33 ROOF DETAILS
- A04.00 ENLARGED PLANS
- A05.01 REFLECTED CEILING PLAN - LEVEL 01
- A05.02 ENLARGED REFLECTED CEILING PLAN - LEVEL 01
- A05.51 DETAILS - SUSPENDED CEILING & SOFFITS
- A06.00 DOOR & WINDOW SCHEDULE
- A06.01 STOREFRONT SCHEDULE
- A06.03 OPENING DETAILS
- A06.04 OPENING DETAILS
- A07.00 BUILDING ELEVATIONS
- A07.01 BUILDING ELEVATIONS
- A08.00 BUILDING SECTIONS
- A08.01 BUILDING SECTIONS
- A08.02 BUILDING SECTIONS
- A09.00 WALL SECTIONS
- A09.01 WALL SECTIONS
- A09.02 DETAILS - SECTION
- A10.01 MATERIAL LEGEND
- A10.02 MATERIAL LEGEND
- A10.10 FINISH PLAN - LEVEL 01
- A11.10 FURNITURE & EQUIPMENT PLANS - LEVEL 01
- A12.00 INTERIOR ELEVATIONS
- A12.01 INTERIOR ELEVATIONS
- A12.02 DETAILS - INTERIOR

STRUCTURAL

- S0.1 CBC GENERAL NOTES & TYPICAL DETAILS
- S0.2 TYPICAL DETAILS
- S0.3 TYPICAL DETAILS
- S0.4 DETAILS
- S0.5 DETAILS
- S1.1 FOUNDATION PLAN
- S1.2 STRUCTURAL PLAN
- S2.1 CEILING FRAMING PLAN
- S2.2 ROOF FRAMING PLAN

GENERAL NOTES

- DO NOT SCALE DRAWINGS. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING SITE DIMENSIONS. IF DISCREPANCIES ARE FOUND, THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY FOR CLARIFICATION.
- UNLESS SHOWN OTHERWISE, ALL DAMAGE CAUSED BY NEW WORK TO EXISTING AREAS OF THE SITE, CONSTRUCTION, FINISH CONSTRUCTION, ELECTRICAL OR MECHANICAL SYSTEMS SHALL BE REPAIRED TO MATCH EXISTING CONDITIONS OR AS FOUND PRIOR TO ANY DAMAGE.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE FIRE AND LIFE SAFETY CODES.
- THE CONTRACTOR SHALL THOROUGHLY FAMILIARIZE THEMSELVES WITH THE SCOPE OF THE WORK AND SITE ACCESSIBILITY. THE CONTRACTOR IS REMINDED THAT THE PROJECT DRAWINGS INDICATE THE CONDITIONS AT THE SITE AS IT EXISTED. DEVIATIONS ENCOUNTERED DURING THE WORK SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION BEFORE PROCEEDING.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING STRUCTURES AT THE WORK AREA FROM WEATHER AND OTHER INCLEMENT CONDITIONS. ANY DAMAGE INCURRED DUE TO THE FAILURE BY THE CONTRACTOR TO PROPERLY PROTECT SUCH WORK SHALL BE REPAIRED AT CONTRACTOR EXPENSE.
- THE CONTRACTOR SHALL DISPOSE OF ALL REMOVED AND/OR DEMOLISHED MATERIAL, WASTE & DEBRIS CAUSED BY THE NEW WORK. THIS MATERIAL SHALL BE REMOVED FROM THE PROPERTY AND TAKEN TO A LEGALLY-OPERATED DISPOSAL SITE.
- ALL CONSTRUCTION TECHNIQUES, MATERIALS, AND FINISHES SHALL BE AS REQUIRED BY THE APPROPRIATE CODE AUTHORITIES. INSTALLATION SHALL FOLLOW THE MANUFACTURERS PUBLISHED SPECIFICATIONS AND/OR TRADE STANDARDS IN ADDITION TO MEETING OR EXCEEDING THE DESIGN STANDARDS.
- ALL WEATHER EXPOSED SURFACES SHALL HAVE A WEATHER RESISTIVE BARRIER TO PROTECT THE INTERIOR WALL COVERING AND THE EXTERIOR OPENINGS SHALL BE FLASHED IN SUCH A MANNER AS TO MAKE THEM WATERPROOF.
- ALL DIMENSIONS FROM FACE OF FRAMING UNLESS NOTED OTHERWISE.

CODES

- 2022 CALIFORNIA BUILDING CODE
- 2022 CALIFORNIA ELECTRICAL CODE
- 2022 CALIFORNIA FIRE CODE
- 2022 CALIFORNIA ELECTRICAL CODE
- 2022 CALIFORNIA MECHANICAL CODE
- 2022 CALIFORNIA PLUMBING CODE
- 2022 CALIFORNIA ENERGY EFFICIENCY STANDARDS
- 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

PROJECT INFORMATION

LOCATION: 483 CONGER ST., GARBERVILLE, CA 95542
MAP & TAX LOT: APN: 032-011-006-000
BUILDING FOOTPRINT: 3,728 SF
FIRST FLOOR: 3,728 SF
BUILDING TYPE: VB
DESIGN CRITERIA FOR CITY OF GARBERVILLE:
 ROOF SNOW LOAD: 20 LBS./SQ. FT. BELOW 5000' ELEVATION
 WIND SPEED: 95 MPH.

DEFERRED SUBMITTALS/ DESIGN- BUILD INFORMATION

- FIRE SPRINKLERS
- FIRE ALARM
- FALL ARREST SYSTEM

PROJECT SCOPE

NEW CONSTRUCTION PROJECT OF A 3700 SQ FOOT BUILDING ON A 9500 SQ FT PARCEL THAT WILL BE DEVELOPED IN ITS ENTIRETY. NEW SYSTEMS TO INCLUDE MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE SPRINKLER. SITE DEVELOPMENT TO INCLUDE ADA COMPLIANT SIDEWALKS, RAMPS, AND LANDSCAPING.

ABBREVIATIONS

ACT	ACOUSTIC CEILING TILE	ELEC	ELECTRICAL	HVAC	HEATING/VENTILATING/AIR CONDITIONING	OVHG	OVERHANG	TFA	THROUGH WALL FLASHING ASSEMBLY
ADJ	ADJACENT	EQ	EQUAL(Y)	HW	HOT WATER	PC	PAINT COLOR	TH	THRESHOLD
AFF	ABOVE FINISHED FLOOR	EX	EXISTING	INSUL	INSULATION	PLAM	PLASTIC LAMINATED	TO	TOP OF
AL	ALIGN	EXT	EXTERIOR	INT	INTERIOR	PSF	POUNDS PER SQUARE FOOT	TS	TUBE STEEL
ASW	AREA SEPARATION WALL	FD	FLOOR DRAIN	JST	JOIST	PTW	PRESSURE TREATED WOOD	TTB	TELEPHONE TERMINAL BACKBOARD
BM	BEAM	FEC	FIRE EXTINGUISHER CABINET	JTS	JOINTS	PWP	PLYWOOD	TYP	TYPICAL
BOS	BOTTOM OF STRUCTURE	FF	FINISHED FLOOR / FINISHED FACE	KS	KNEE SPACE	RB	RUBBER BASE	UL	UNDERWRITERS LABORATORY
BS	BACKSLASH	FIN	FINISHED	MECH	MECHANICAL	RD	ROOF DRAIN	UNO	UNLESS NOTED OTHERWISE
CFCI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED	FMG	FRAMING	MFR	MANUFACTURER	REF	REFRIGERATOR	UTL	UTILITY
CJ	CONTROL JOINT	FOM	FACE OF MASONRY	MIN	MINIMUM	RO	ROUGH OPENING	VERT	VINYL COMPOSITION TILE
CLG	CEILING	FOS	FACE OF STUD/ STRUCTURE	MISC	MISCELLANEOUS	RSF	RESILIENT SHEET FLOORING	VEST	VESTIBULE
CMU	CONCRETE MASONRY UNIT	FR	FIRE RESISTANT	MW	MICROWAVE	SEP	SEPARATION	VVC	VINYL WALL COVERING
CONC	CONCRETE	FRM	FRAMING	MTL	METAL	SF	STOREFRONT	WBG	WALL BUMPER GUARD
CONF	CONFERENCE	FRP	FIBER-REINFORCED PLASTIC	MW	MICROWAVE	SHTG	SHEATHING	WC	WATER CLOSET
CPT	CARPET	FRZR	FREEZER	NIC	NOT IN CONTRACT	SIM	SIMILAR	WD	WOOD
CTSCK	COUNTERSUNK	FTG	FOOTING	OC	ON CENTER	SM	SHEET METAL	WDW	WINDOW
CW	CURTAIN WALL	GA	GYPSUM ASSOCIATION	OCC	OCCUPANCY	SMS	SHEET METAL SCREWS	WF	WIDE FLANGE
D-B	DESIGN BUILD	GALV	GALVANIZED	OD	OUTSIDE DIAMETER	SPECS	SPECIFICATIONS	WP	WATER PROOF
DF	DRINKING FOUNTAIN	GB	GRAB BAR	OFCI	OWNER FURNISHED CONTRACTOR INSTALLED	SQFT	SQUARE FEET	WRGB	WEATHER RESISTANT GYPSUM BOARD
DIA	DIAMETER	GC	GENERAL CONTRACTOR	OFOI	OWNER FURNISHED OWNER INSTALLED	SS	STAINLESS STEEL		
DIMS	DIMENSIONS	GWB	GYPSUM WALL BOARD	OPNG	OPENING	STL	STEEL		
DP	DISABLED PERSON	HDR	HEADER			STRUCT	STRUCTURAL/STRUCTURE		
DW	DISHWASHER	HDWD	HARDWOOD						
EA	EACH	HGT	HEIGHT						
EJ	EXPANSION JOINT	HR	HOUR						



John Haynes Veterans Memorial Building
 483 Conger Street, Garberville, CA 95542
 Humboldt County
 APN: 032-011-006-000

DRAWING INDEX & INFORMATION

No.	Description	Date

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1'-4"
1'
9"
6"
3"
0" SCALE: 3" = 1'-0"

2'-8"
2'
1'
6"
0" SCALE: 1 1/2" = 1'-0"

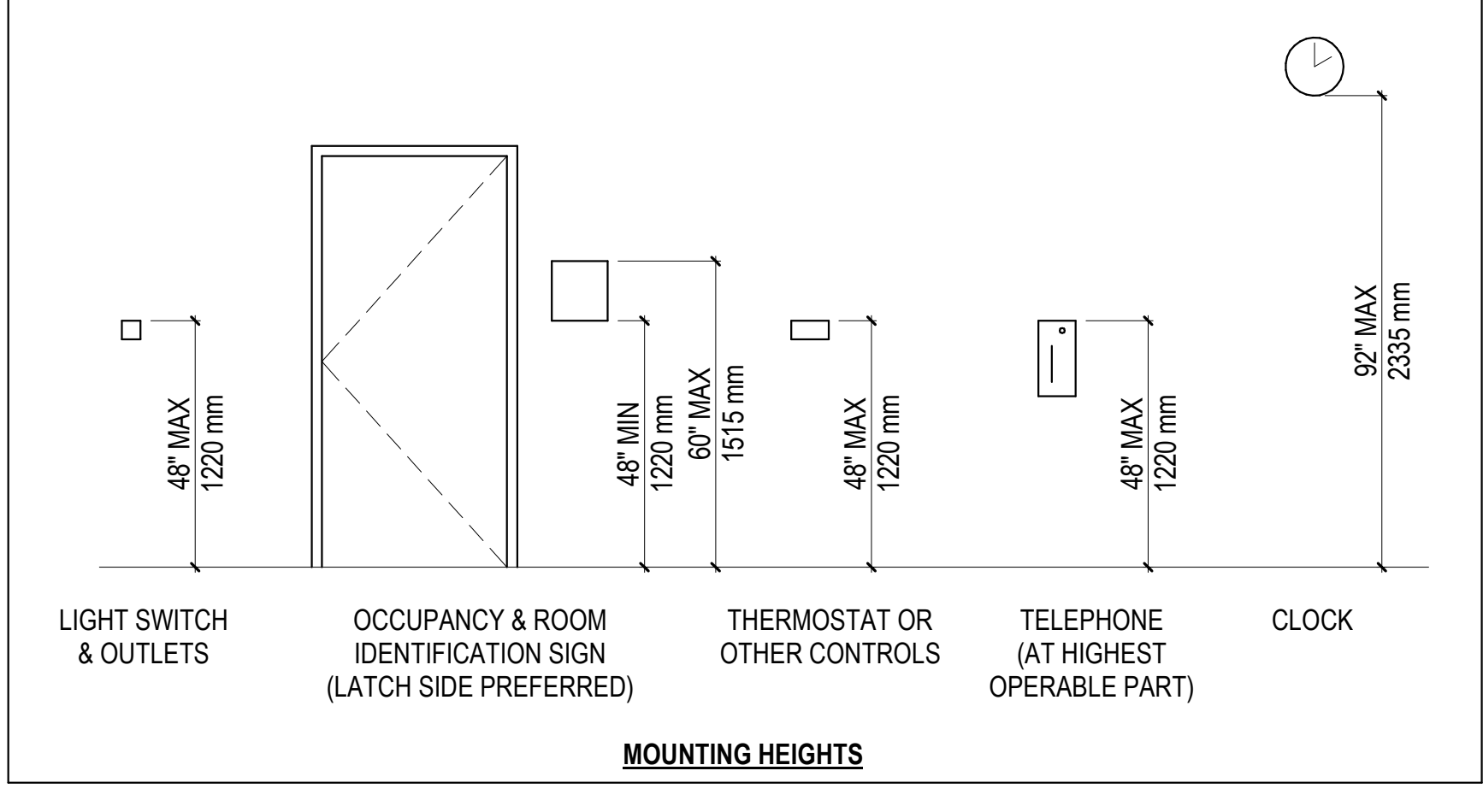
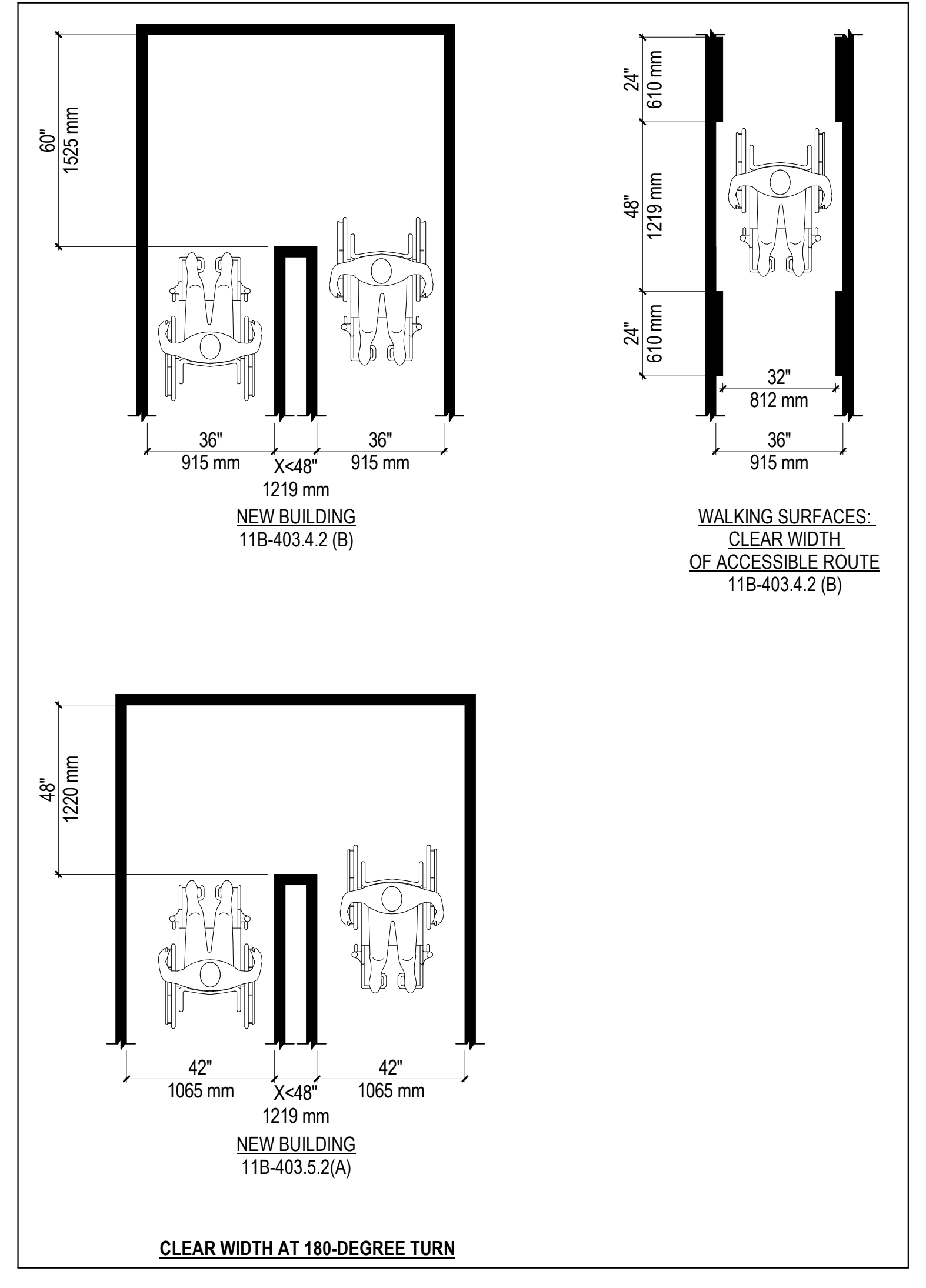
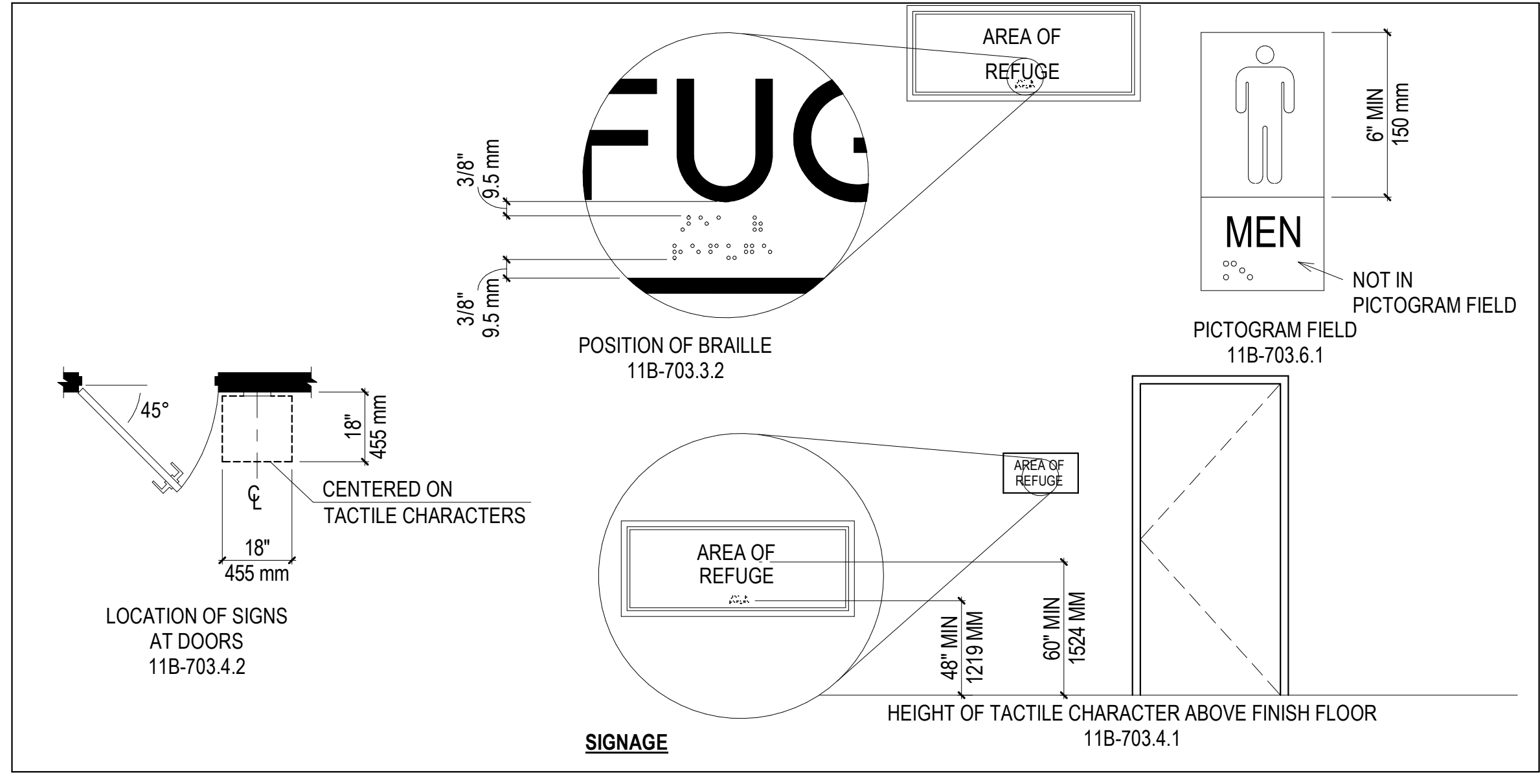
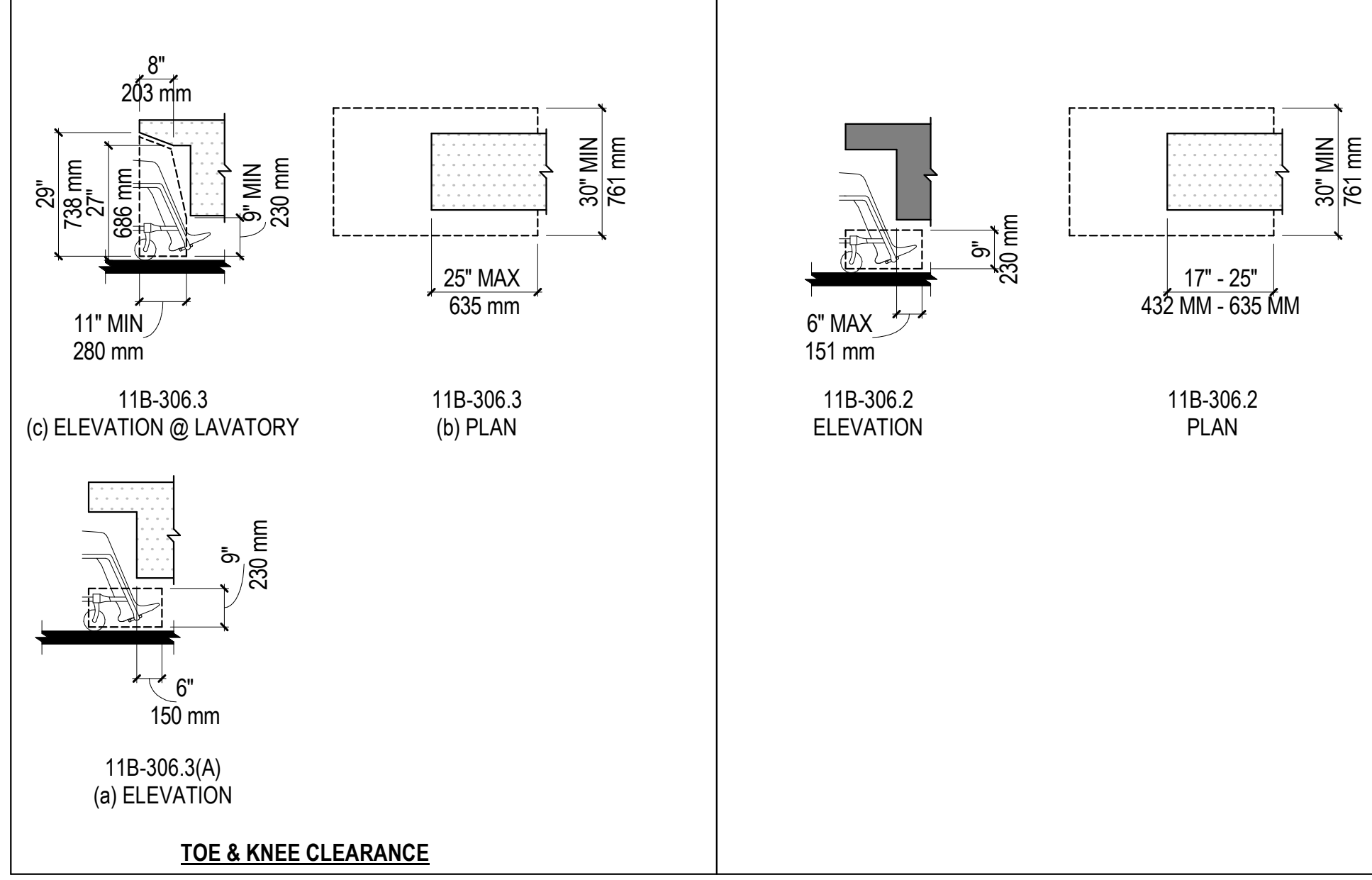
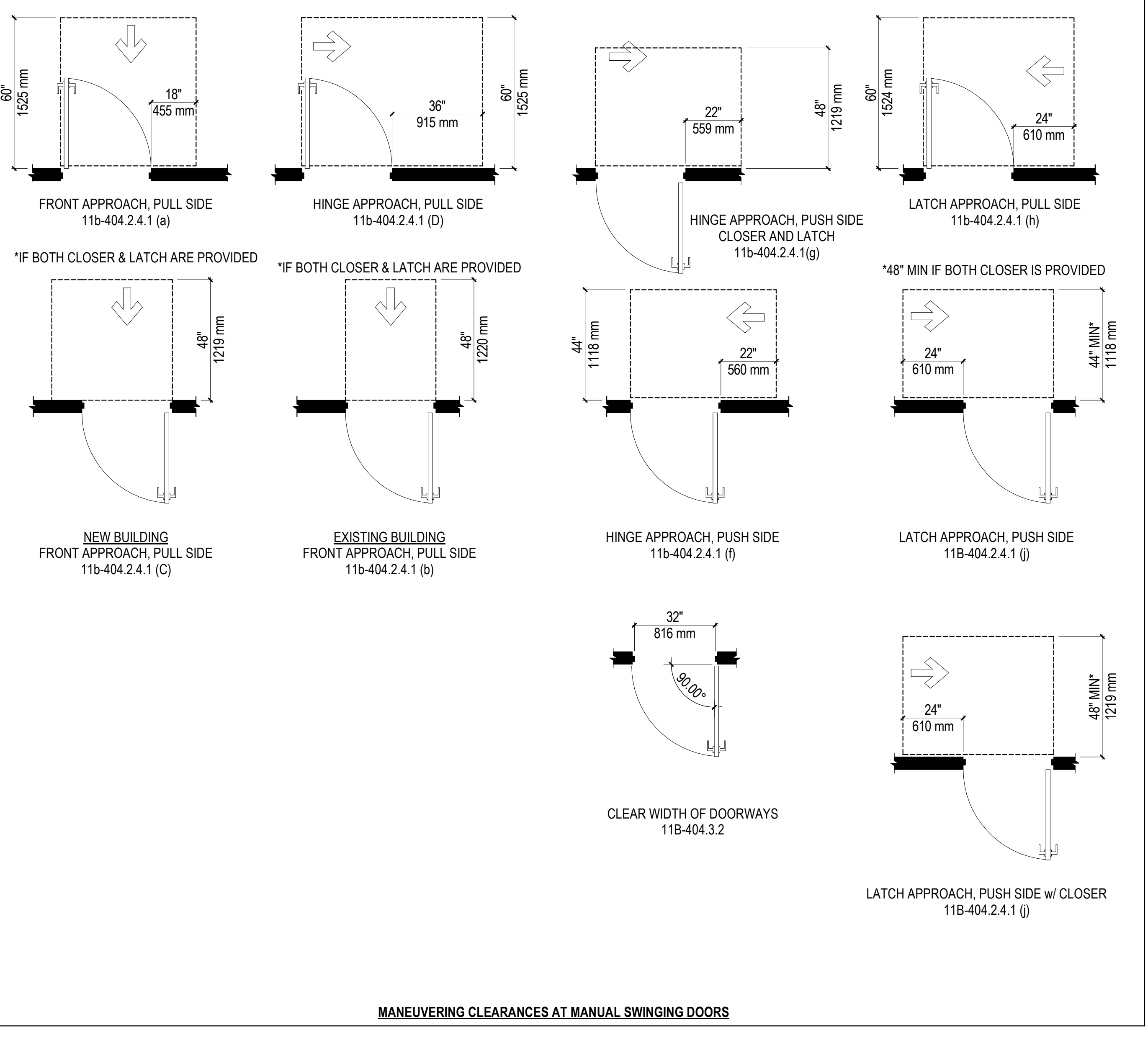
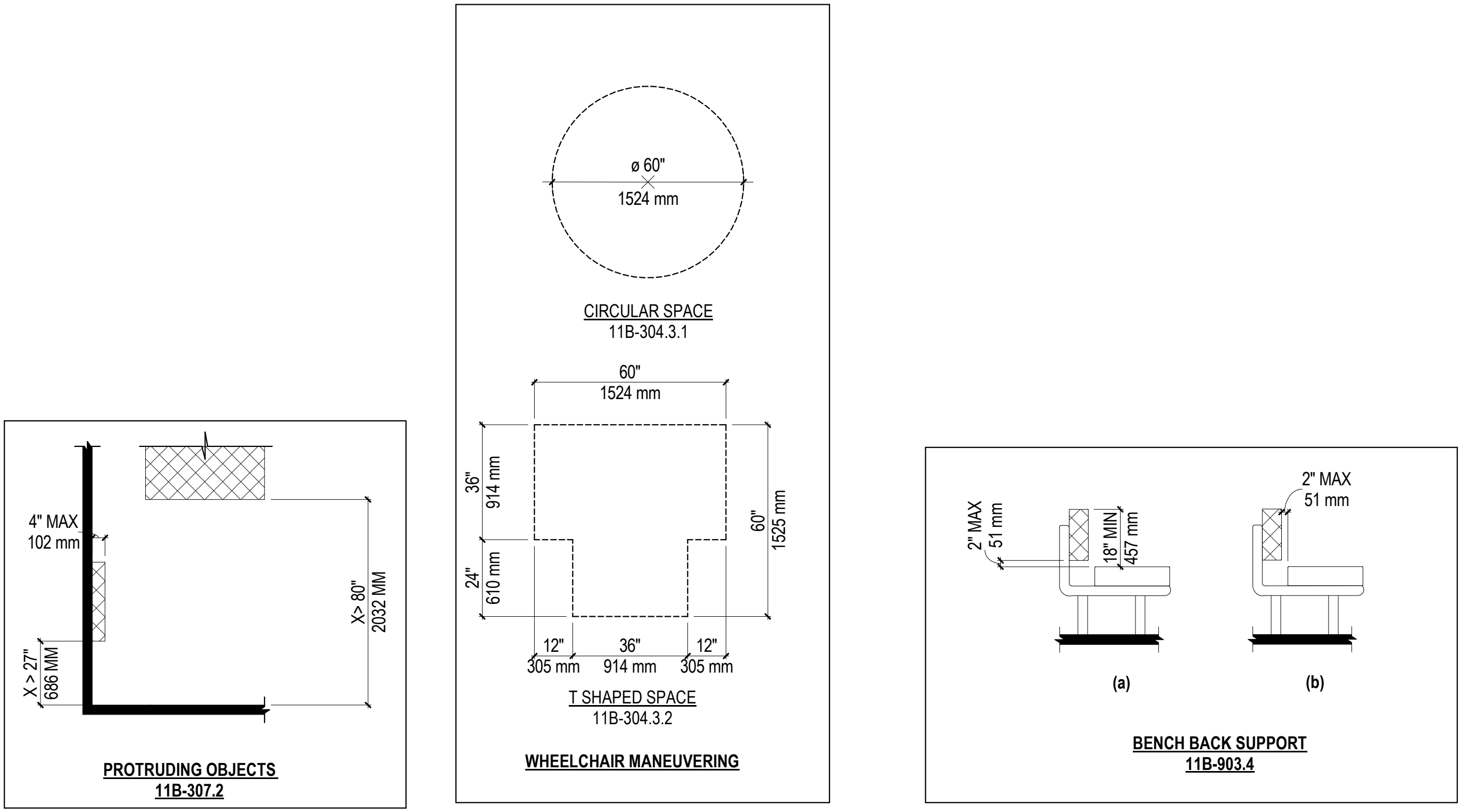
16"
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0" SCALE: 1/4" = 1'-0"

10'-8"
7'
3'
0" 1" 3" SCALE: 3/8" = 1'-0"

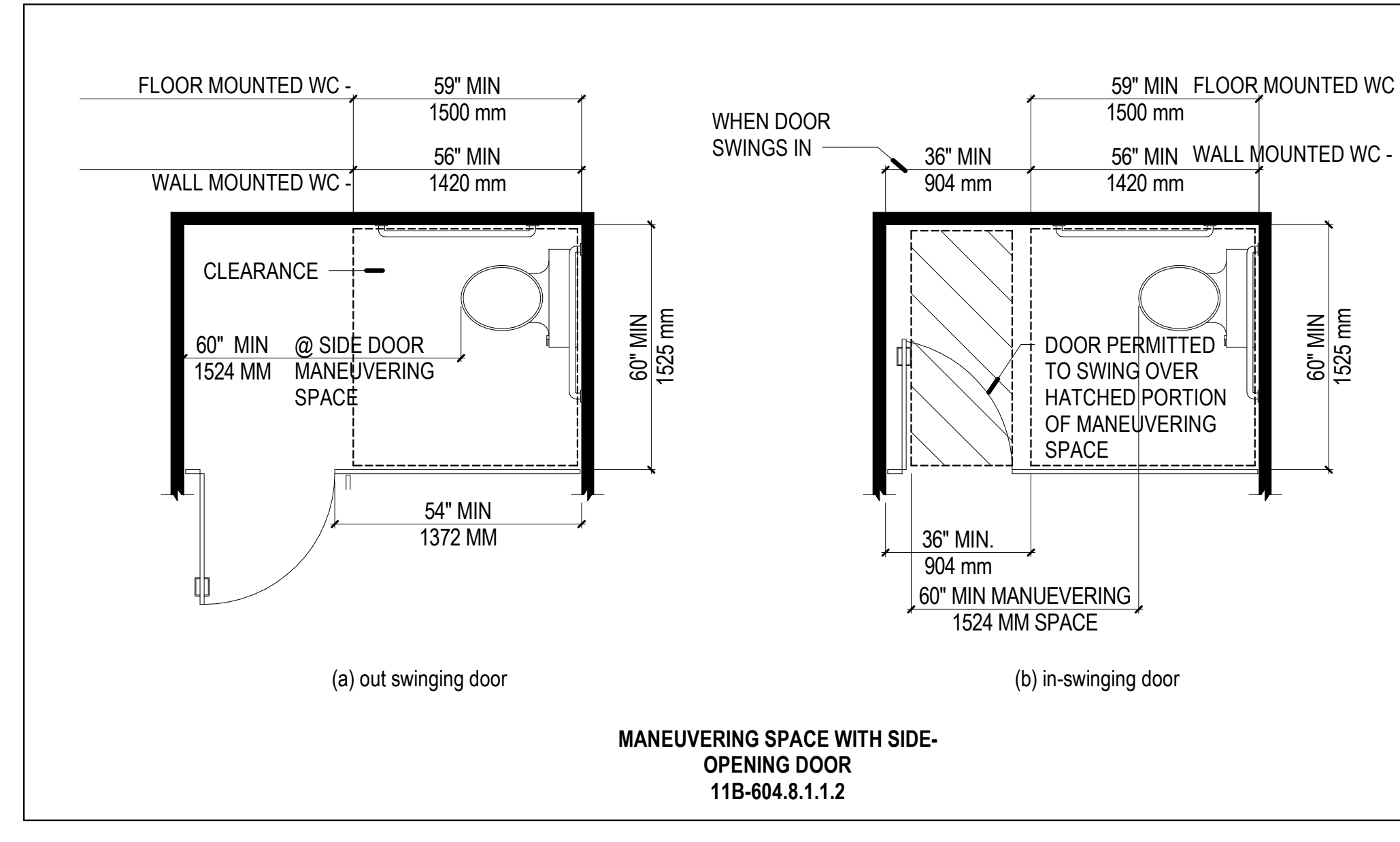
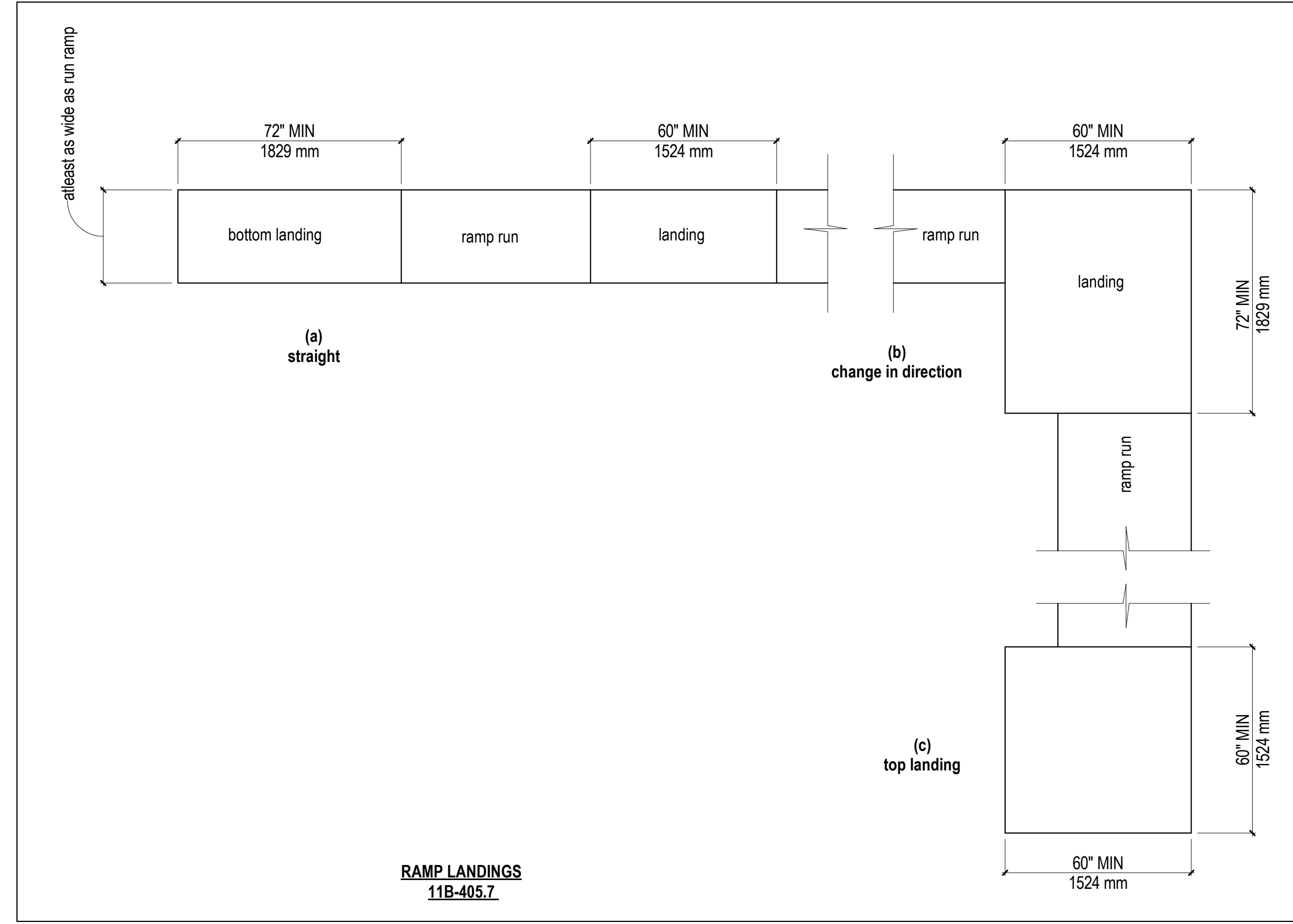
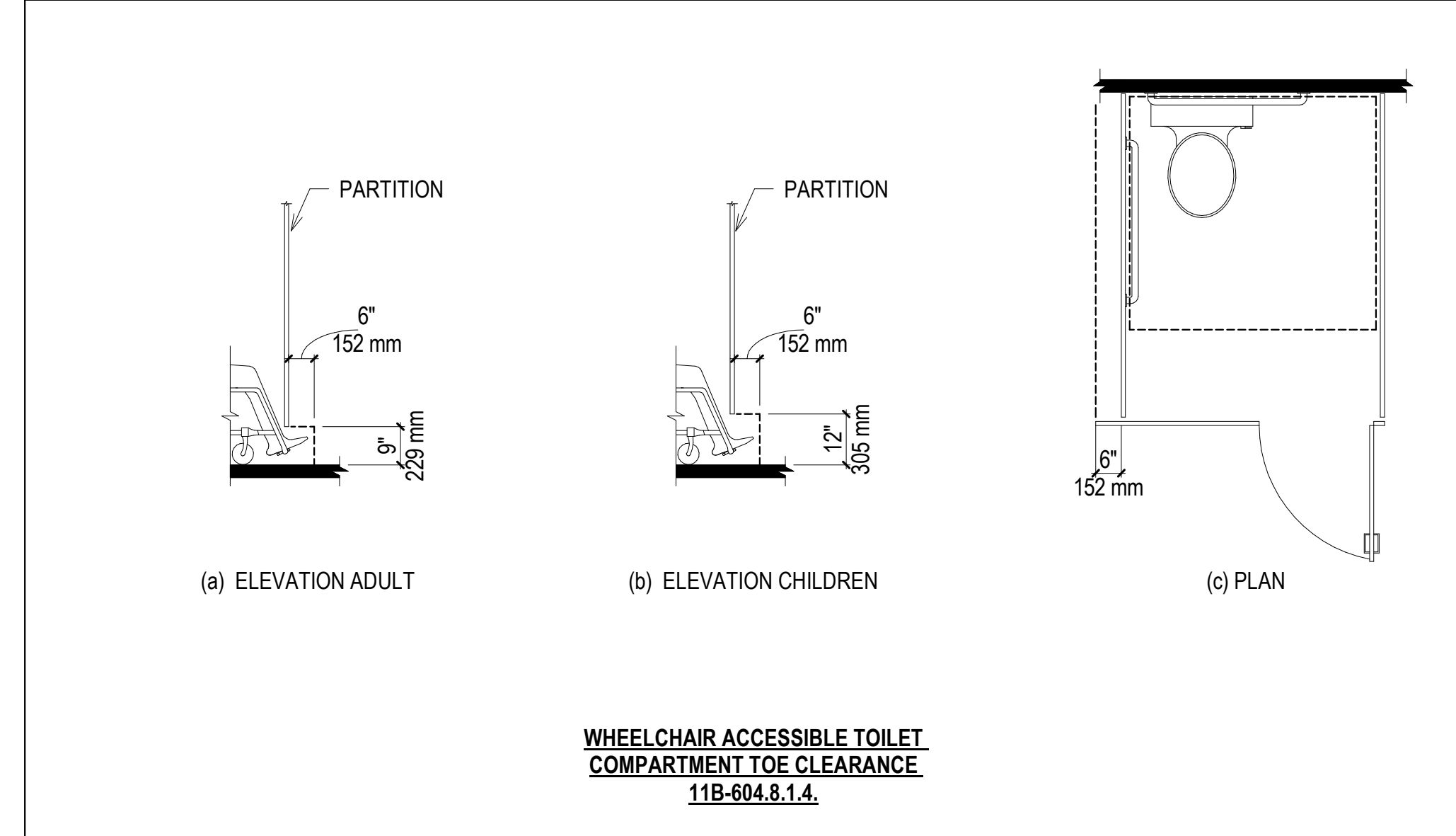
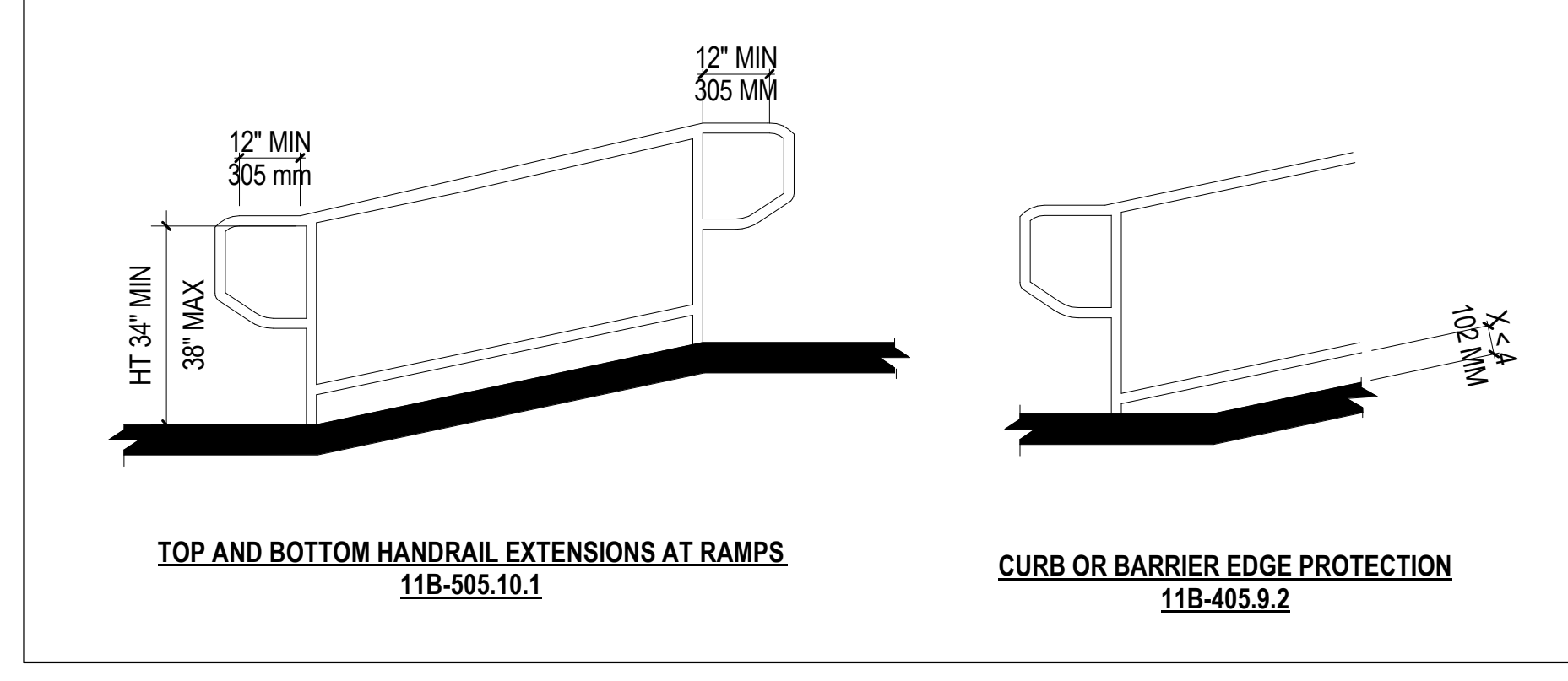
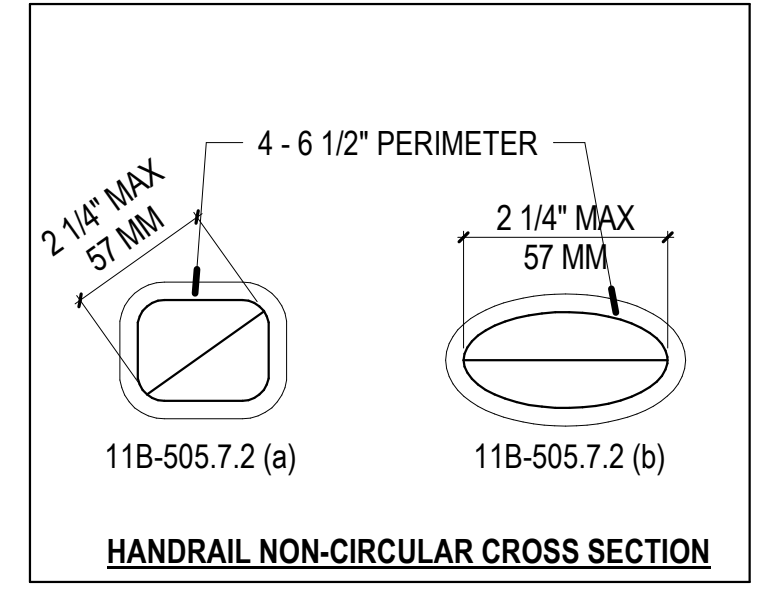
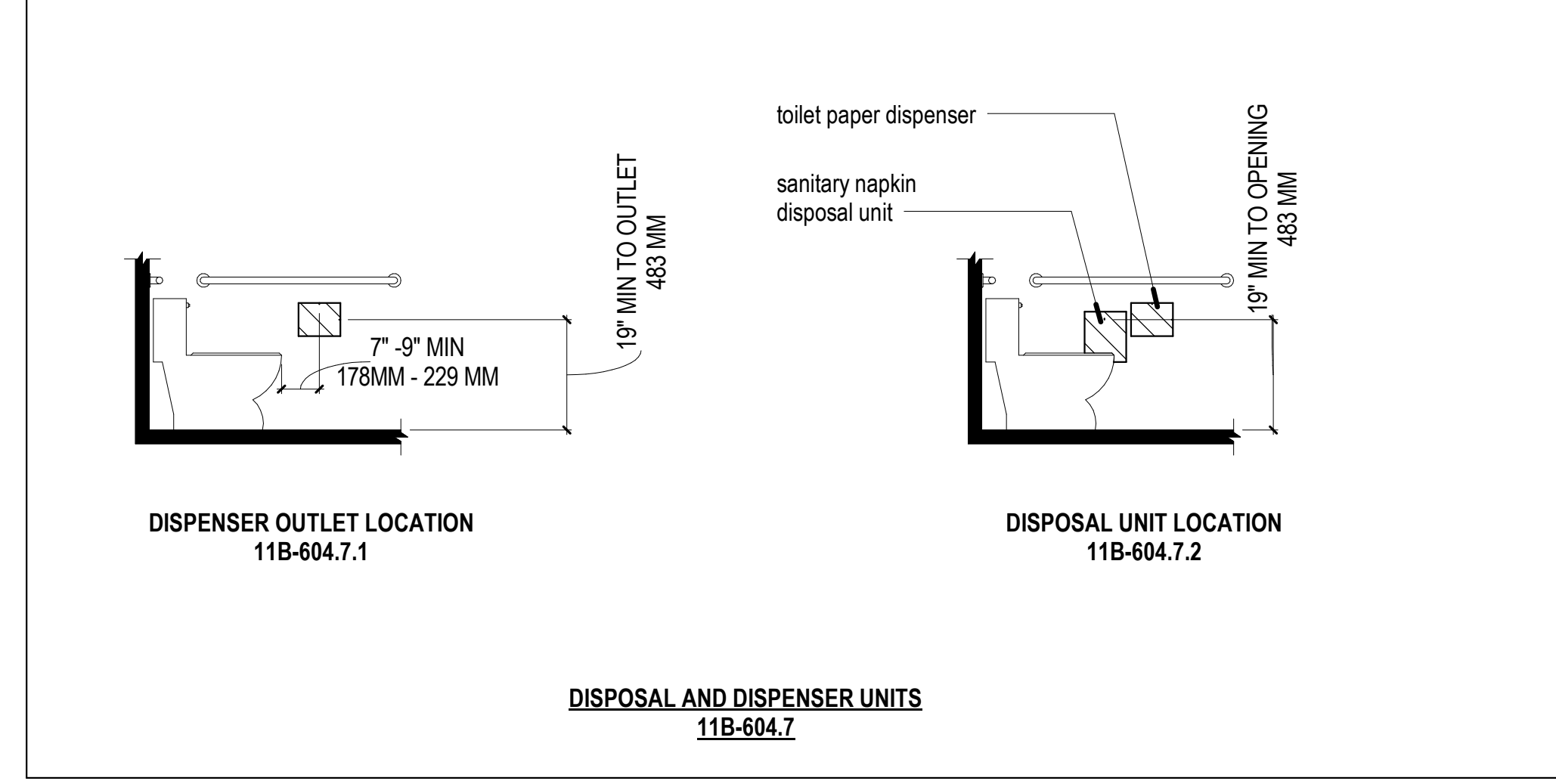
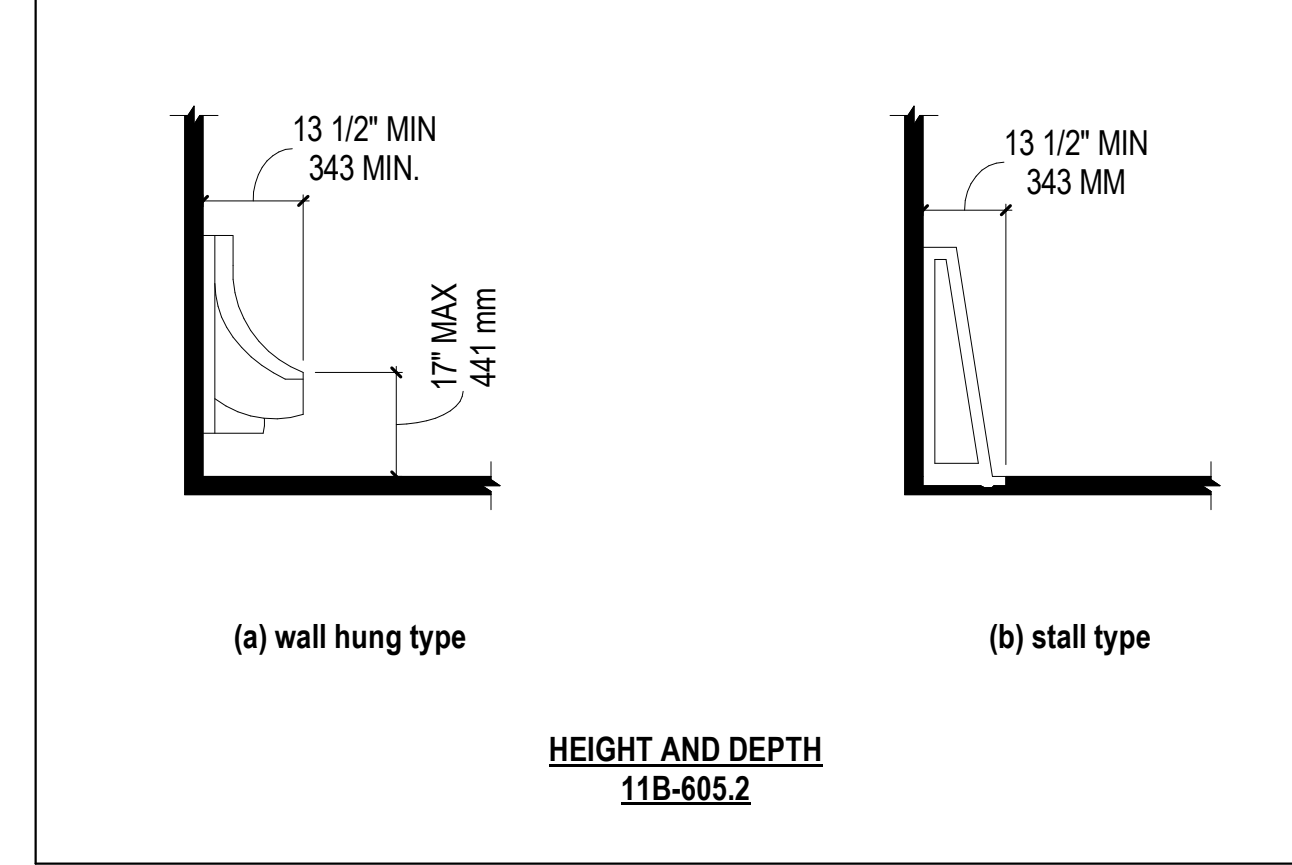
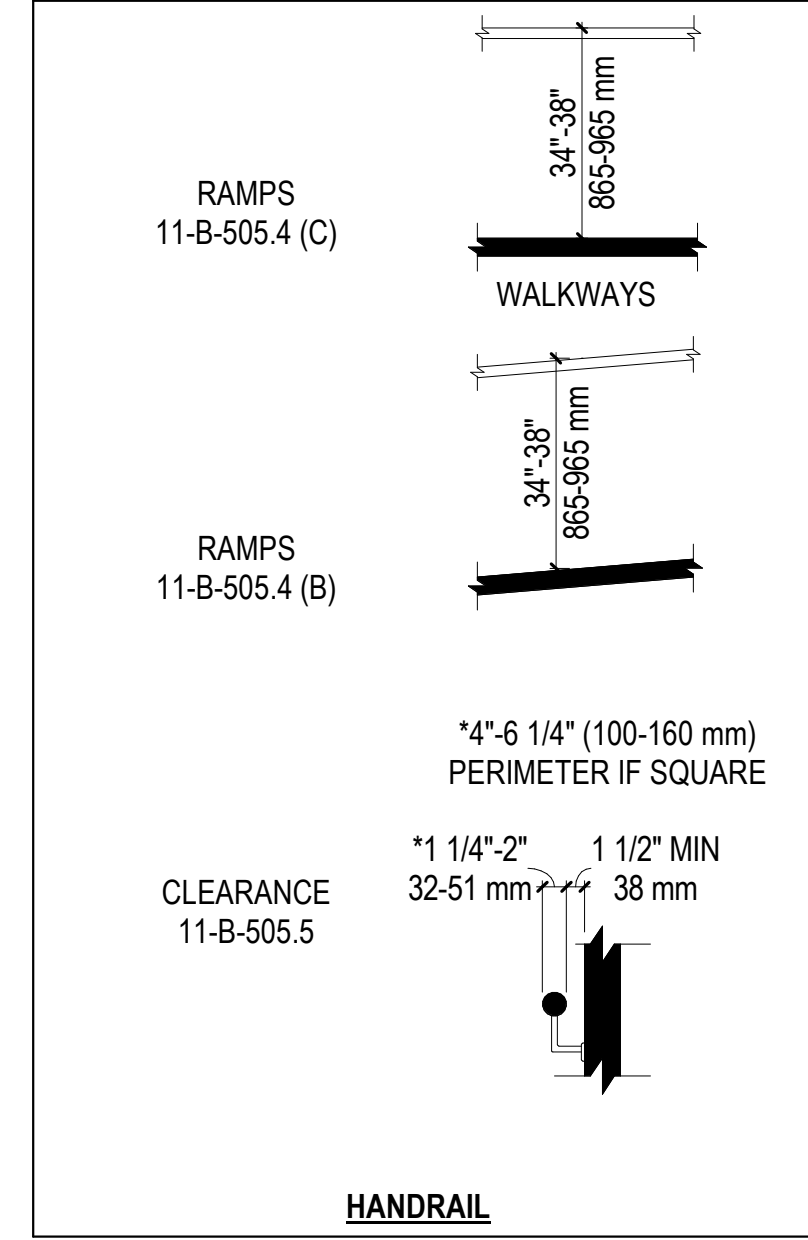
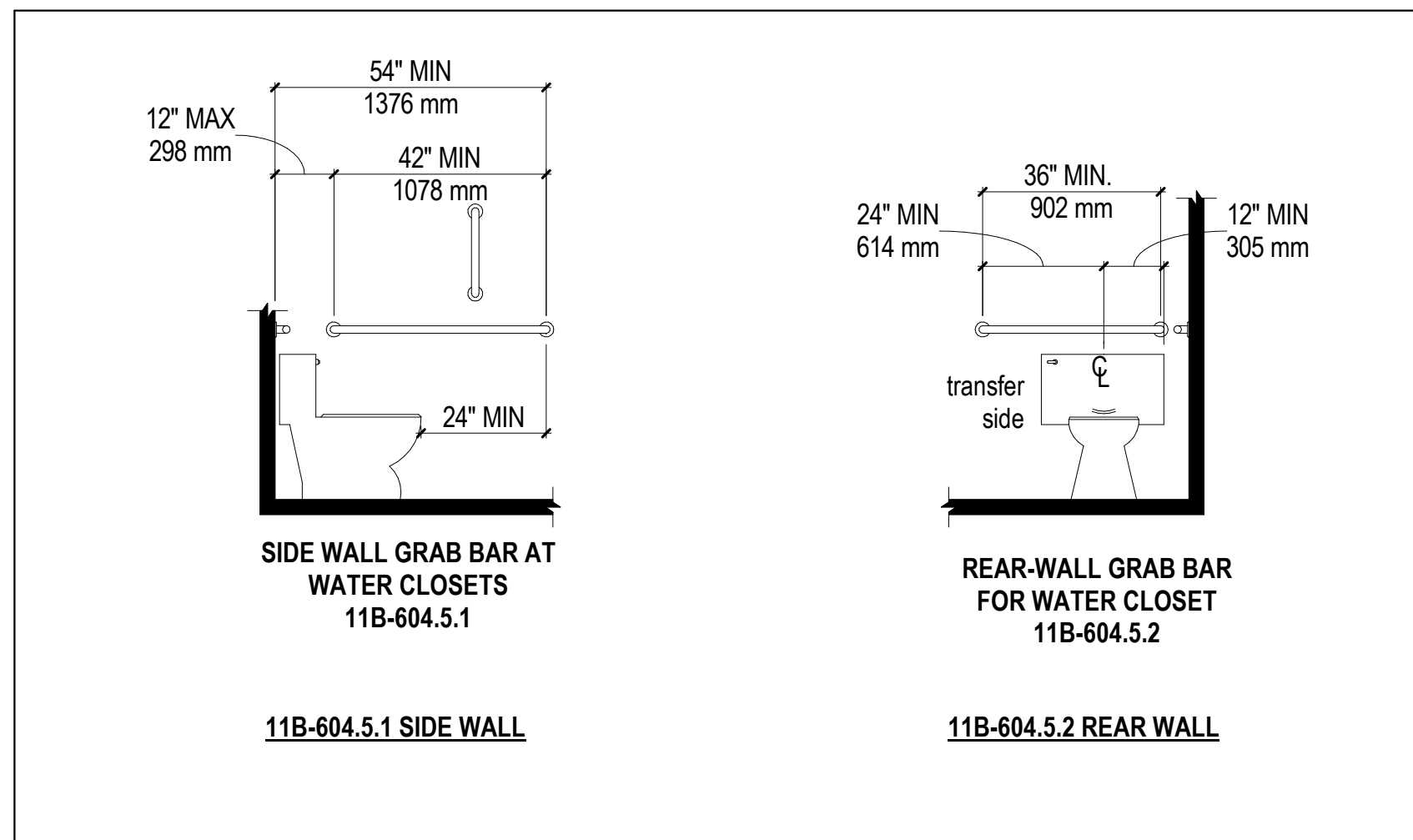
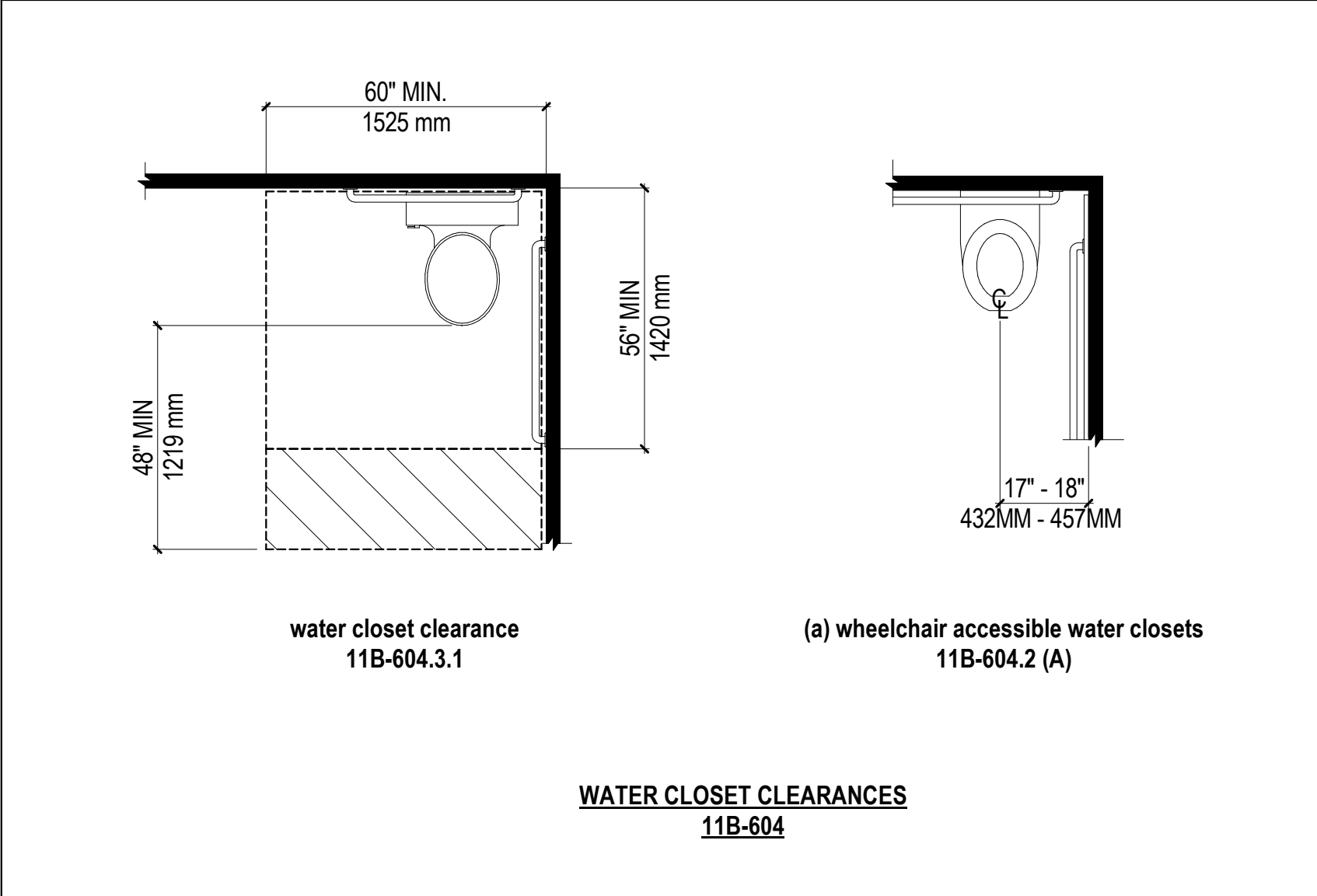
32"
16"
8"
4"
0" SCALE: 1/8" = 1'-0"

42'-8"
24"
12"
0" SCALE: 3/32" = 1'-0"

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 SCALE: 1/2" = 1'-0"
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 SCALE: 32" = 1'-0"



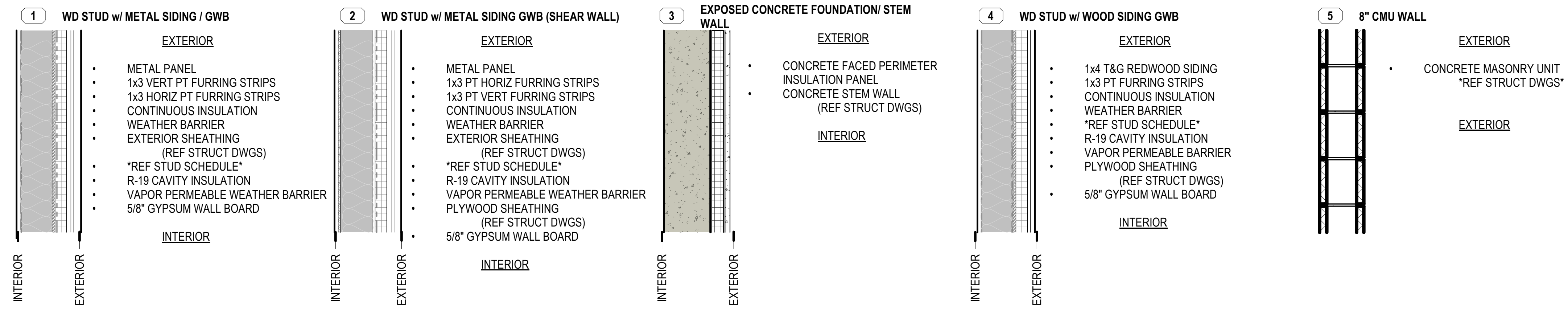
WALL & HORIZONTAL ASSEMBLY NOTES:

- STRUCTURAL ASPECT OF ALL WALLS SHALL BE PER STRUCTURAL.
- THERMAL & SOUND INSULATION SHALL BE INSTALLED PER DETAILS & SPECIFICATIONS. ALL EXTERIOR WALLS SHALL RECEIVE THERMAL INSULATION. REF WALL TYPES & FLOOR PLANS FOR INTERIOR WALL TYPES NOTED TO RECEIVE SOUND INSULATION. SOUND INSULATION SHALL RUN TO 12" ABOVE HIGHEST ADJACENT CEILING.
- ALL GYPSUM IS 5/8" THICK TYPE 'X' UNO. CURVED INSTALLATIONS SHALL CONSIST OF MULTIPLE LAYERS OF GYPSUM BOARD. WALLS WITHIN 2 FEET OF A MOISTURE PRODUCING ITEM SUCH AS, BUT NOT LIMITED TO SINKS, CONDENSATE LINES, SHALL HAVE MOLD & WATER RESISTANT (MWR) GYPSUM BOARD TO A HEIGHT OF 4 FEET MINIMUM. (NOTE 5 OF THIS SECTION GOVERNS)
- ALL WALLS AND CEILINGS OF RESTROOMS AND CUSTODIAL CLOSETS SHALL BE FULLY SHEATHED WITH MWR GYPSUM BOARD.
- GYPSUM BOARD AT NON-RATED &/OR NON-BEARING WALLS SHALL EXTEND 12" MINIMUM ABOVE THE HIGHEST ADJACENT CEILING.
- REFER TO INTERIOR ELEVATIONS & FINISH SCHEDULE FOR ADDITIONAL APPLIED FINISHES WHERE OCCURS.
- HEIGHT OF WALL SUBSTRATE OR FINISH IS EITHER FULL HEIGHT TO STRUCTURE ABOVE, OR PARTIAL HEIGHT TO 12" ABOVE HIGHEST ADJACENT CEILING w/ BRACING PER DETAILS & SPECS. REF STRUCTURAL DRAWINGS. (NOTE 7 OF THIS SECTION GOVERNS)
- UNLESS NOTED OTHERWISE, WALL TAG SHALL APPLY TO ENTIRE LENGTH OF WALL FACING A PARTICULAR SPACE, UNINTERRUPTED BY DOORS OR WINDOWS, AND TRACING RECESSES AND OTHER CONVOLUTIONS.
- REFER TO ROOF PLAN FOR DRAFT-STOP LOCATIONS (WHERE OCCURS).
- INSTALL ALL NON-RATED FURRED WALLS or NON-RATED DROPPED CEILINGS AFTER CONSTRUCTION & INSTALLATION OF GYPSUM BOARD MEMBRANES OF ADJACENT FIRE RATED HORIZONTAL & VERTICAL ASSEMBLIES.
- INSTALL TILE BACKER BOARD BEHIND ALL TILE APPLICATIONS.

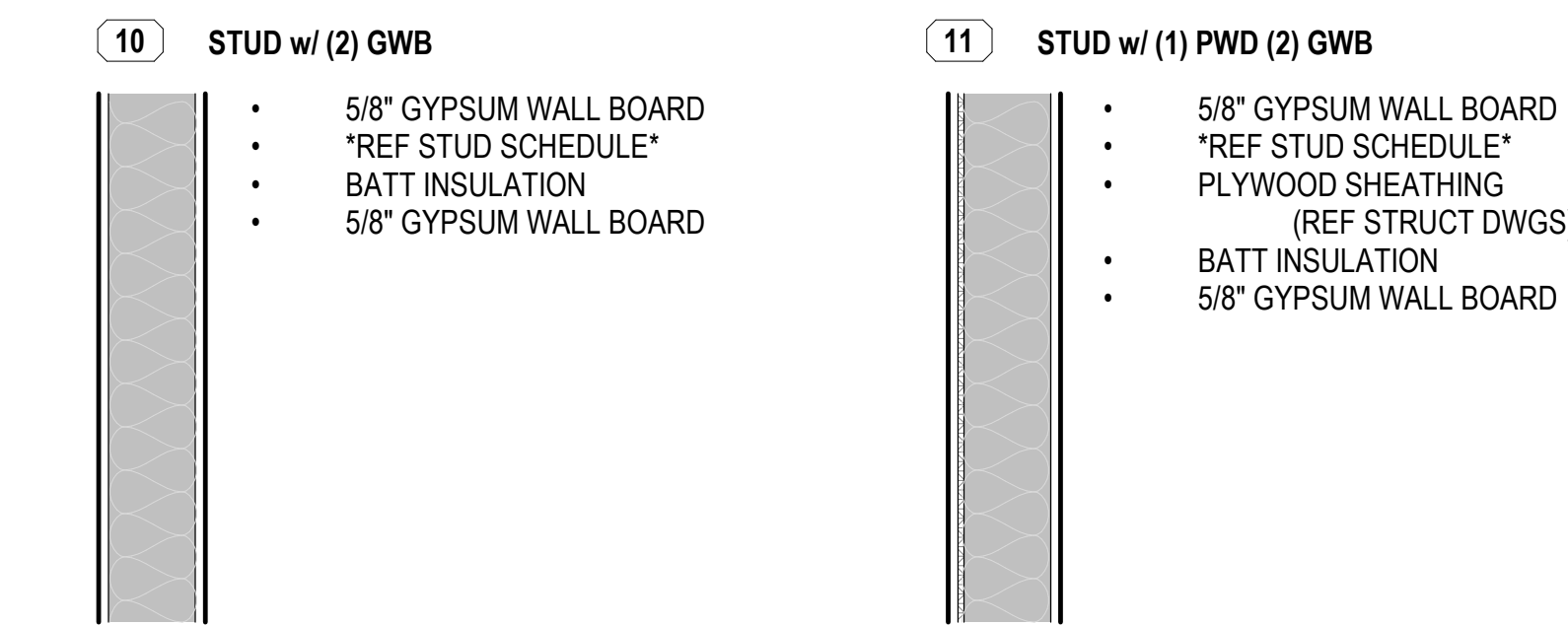
GYPSUM BD, FIRE & SOUND STOPPING NOTES:

- FIRE, SMOKE, & SOUND RATED WALLS, FLOORS, CEILINGS, AND ROOF ASSEMBLIES SHALL BE FIRE STOPPED IN ACCORDANCE WITH THE CURRENT BUILDING CODE.
- ALL FIRE & SMOKE RATED WALLS, PARTITIONS, FLOORS, CEILING, AND ROOF ASSEMBLIES SHALL BE INSTALLED IN ACCORDANCE WITH THE CBC, UL, OR OTHER APPROVED TESTING LABORATORY, AND MFR.'S PROCEDURES WITH THE DETAILS SHOWN IN THE PROJECT DRAWINGS, AND AS CALLED FOR BELOW.
- FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS AND SMOKE PARTITIONS OR ANY OTHER WALL REQUIRED TO HAVE PROTECTED OPENINGS OR PENETRATIONS SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING. SUCH IDENTIFICATION SHALL:
 - BE LOCATED IN ACCESSIBLE CONCEALED FLOOR, FLOOR/CEILING OR ATTIC SPACES;
 - BE LOCATED WITHIN 15 FEET OF THE END OF EACH WALL AND AT INTERVALS NOT EXCEEDING 30 FEET MEASURED HORIZONTALLY ALONG THE WALL OR PARTITION; AND
 - INCLUDE LETTING NOT LESS THAN 3 INCHES IN HEIGHT WITH A MINIMUM 3/8 INCH STROKE IN A CONTRASTING COLOR INCORPORATING THE SUGGESTED WORDING: "FIRE AND/OR SMOKE BARRIER - PROTECT ALL OPENINGS" OR OTHER WORDING.
- ALL GYPSUM BOARD INSTALLATIONS AT FIRE, SMOKE, SOUND, OR OTHER PARTITIONS, WALLS, CEILINGS, AND ROOF ASSEMBLIES SHALL BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING EXPLANATORY NOTE AND PER REQUIREMENTS OF SPECIFIC TESTED ASSEMBLY. IF CONFLICT BETWEEN TESTED ASSEMBLY AND THESE NOTES, TESTED ASSEMBLY GOVERNS.
 - FASTENERS INSTALLED ALONG THE EDGES OF GWB ARE PLACED ALONG THE PAPER BOUND EDGES OF THE LONG DIMENSION OF THE BOARD. FASTENERS AT THE END ARE PLACED ALONG MILL OR FIELD CUT ENDS ON THE SHORT DIMENSION. FASTENERS ON THE PERIMETER OF THE BOARD ARE ALONG BOTH EDGES AND ENDS.
 - SCREWS MEETING ASTM C1002 MAY BE SUBSTITUTED FOR PRESCRIBED NAILS, ONE FOR ONE, WHEN THE HEAD DIMENSION, LENGTH, AND SPACING OF THE SCREWS ARE NOMINALLY EQUAL TO THOSE OF THE NAILS USED IN THE TESTED ASSEMBLY. VERTICALLY APPLIED BOARDS HAVE THE EDGES PARALLEL TO FRAMING MEMBERS. HORIZONTALLY APPLIED BOARDS HAVE THE EDGES AT RIGHT ANGLES TO THE FRAMING MEMBERS. INTERMEDIATE VERTICAL FRAMING MEMBERS ARE THOSE BETWEEN THE VERTICAL EDGES OR ENDS OF THE BOARD.
 - ALL WALLS, PARTITIONS, AND CEILING ASSEMBLIES, EXCEPT THOSE WITH CERAMIC, QUARRY TILE OR METAL COVERED SURFACES REQUIRE TAPING OF JOINTS (REF ITEM "E" FOR EXCEPTION).
 - WHEN A FIRE RATED PARTITION EXTENDS ABOVE THE CEILING, THE WALL BOARD JOINTS ABOVE THE CEILING NEED NOT BE TAPED WHEN ALL OF THE FOLLOWING CONDITIONS ARE MET:
 - ALL VERTICAL JOINTS OCCUR OVER FRAMING MEMBERS.
 - HORIZONTAL JOINTS ARE EITHER STAGGERED OR 24" O.C. ON OPPOSITE SIDES OF THE PARTITION OR ARE COVERED WITH STRIPS OF GWB NOT LESS THAN 6" WIDE. STAGGERED HORIZONTAL JOINTS IN GWB SHALL BE INSTALLED WITH TIGHT FITTING JOINTS. NO JOINT OPENING SHALL EXCEED A TOLERANCE OF +1/16". ANY JOINT WHICH EXCEEDS +1/16" SHALL BE TAPED OR COVERED WITH JOINT TREATMENT.
 - ROOF/CEILING ASSEMBLIES WITH GWB WHICH ARE NOT EXPOSED TO VIEW AND ARE 2-PLY SYSTEMS WITH JOINTS STAGGERED. DO NOT REQUIRE TAPING. ALL SINGLE PLY SYSTEMS, WHERE JOINTS DO NOT MEET AT FRAMING MEMBERS, WILL BE TAPED. ALL PENETRATIONS OF ROOF/CEILING ASSEMBLIES SHALL BE SEALED AND FIRE STOPPED.
 - WATER RESISTANT BACKER BOARD OR GWB BACKING SHOULD BE INSTALLED OVER, OR AS PART OF THE FIRE RATED ASSEMBLY IN SHOWER OR TUB AREAS TO RECEIVE CERAMIC, PLASTIC WALL TILE, OR PLASTIC FINISHED WALL PANELS. WHEN FIRE AND SOUND RATINGS ARE NECESSARY, THE BACKER BOARD OR GYPSUM BOARD REQUIRED FOR THE RATING MUST BE BROUGHT DOWN TO THE FLOOR BEHIND THE FIXTURES SO THAT THE CONSTRUCTION WILL EQUAL TO THAT OF TESTED ASSEMBLY.
- UTILITY PENETRATIONS IN FIRE, SMOKE, SOUND WALL PARTITIONS, AND CEILING ASSEMBLIES, SHALL BE FIRE STOPPED AND SOUND SEALED WITH AN APPROVED MATERIAL, SECURELY INSTALLED.
 - STEEL ELECTRICAL OUTLET BOXES WHICH DO NOT EXCEED 16 SQUARE INCHES IN AREA, NEED NOT BE PROTECTED IN 1-HOUR OR 2-HOUR FIRE RATED WALLS, PARTITIONS, CEILINGS, OR AREA SEPARATION UNLESS THEY:
 - OCCUR ON OPPOSITE SIDES OF THE WALL WITHIN 24" HORIZONTAL DISTANCE OF ONE ANOTHER. IN THIS CASE, ONLY ON (1) OUTLET BOX NEED BE PROTECTED BY AN APPROVED MATERIAL OR DETAIL TO CORRECT THIS CONDITION.
 - OCCUR IN COMBINATION WITH OUTLET BOXES OF ANY SIZE SUCH THAT THE AGGREGATE AREA OF UNPROTECTED OUTLET BOXES EXCEEDS 100 SQUARE INCHES IN ANY 100 SQUARE FEET OF WALL AREA. IN THIS CASE ONLY A SUFFICIENT OF NUMBER OF OUTLET BOXES NEED BE PROTECTED BY AN APPROVED MATERIAL OR DETAIL TO DECREASE THE AGGREGATE AREA OF UNPROTECTED UTILITY BOXES TO LESS THAN 100 SQUARE INCHES IN ANY 100 SQUARE FEET OF WALL.
 - STEEL ELECTRICAL OUTLET BOXES WHICH EXCEED 16 SQUARE INCHES IN AREA, AND ALL OTHER STEEL UTILITY OUTLET BOXES (MEDICAL GASES, WATER ETC.) REGARDLESS OF SIZE, MUST BE PROTECTED BY AN APPROVED FIRESTOP MATERIAL.
 - 3M BRAND FIRE BARRIER PUTTY PADS, MPP-1 OR A UL APPROVED EQUAL PRODUCT SHALL BE USED TO PROTECT STEEL UTILITY OUTLET BOXES (ELECTRICAL, MEDICAL GASES, WATER, ETC.) UP TO 100 SQUARE INCHES OF AREA.
 - STEEL UTILITY BOXES (ELECTRICAL PANELS, MEDICAL GAS VALVE BOXES ETC.) WHICH EXCEED 100 SQUARE INCHES IN AREA WILL BE PROTECTED BY ENCASING THEM IN GYPSUM BOARD PER THE DETAILS.
 - ALL UTILITY AND ELECTRICAL OUTLETS OR BOXES SHALL BE SECURELY FASTENED TO THE STUD OR FRAMING OF THE WALL, PARTITION, OR CLG. ASSEMBLY. THE OPENING IN THE GYPSUM BOARD FACING SHALL BE CUT SO THAT THE CLEARANCE BETWEEN THE BOX AND THE GYPSUM BOARD DOES NOT EXCEED 1/8" IN SMOKE AND SOUND WALLS OR PARTITIONS, THE 1/8" CLEARANCE SHALL BE FILLED WITH A FIRE STOP MATERIAL APPROVED FOR THAT USE.
 - ALL FIRE SPRINKLER, MECHANICAL, PLUMBING, AND ELECTRICAL COMMUNICATION LINES THAT PENETRATE FIRE, SMOKE OR SOUND WALLS SHALL BE FIRE STOPPED & SEALED PER THE SPECIFICATIONS OR DETAILS.
- ALL LIGHT FIXTURES AND AIR DUCT PROTECTION SHALL BE AS DETAILED ON THE DWGS OR AS CALLED FOR IN THE SPECS.
- THROUGH-PENETRATION FIRESTOP SYSTEMS SHOWN IN THE DRAWINGS HAVE BEEN APPROVED BY THE PERMITTING AUTHORITY. ANY SUBSTITUTIONS AND/OR CHANGES OF THE SYSTEM SHALL BE RESUBMITTED AND APPROVED BEFORE USE IN THE PROJECT. THE FOLLOWING IS THE MINIMUM REQUIREMENT FOR THE CONTRACTOR TO PROVIDE IN THIS SUBMITTAL:
 - DETAILED DRAWING OF THE SUBSTITUTED FIRESTOP SYSTEM.
 - FULL UL, OR EQUAL, TEST DATA SHEETS CONFIRMING THE APPROVAL OF THE FIRESTOP SYSTEM OR PRODUCT.
 - THE LOCATION AND DESCRIPTION OF WHERE THE FIRESTOP SYSTEM WILL BE USED IN THE PROJECT.
 - THE SUBMITTAL APPROVAL BY THE AGENCY RESPONSIBLE FOR THE JURISDICTION OF THE PROJECT.

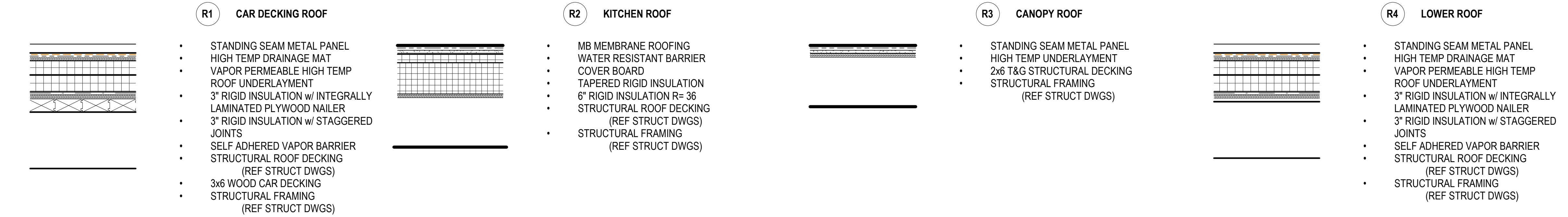
VERTICAL ASSEMBLIES - EXTERIOR



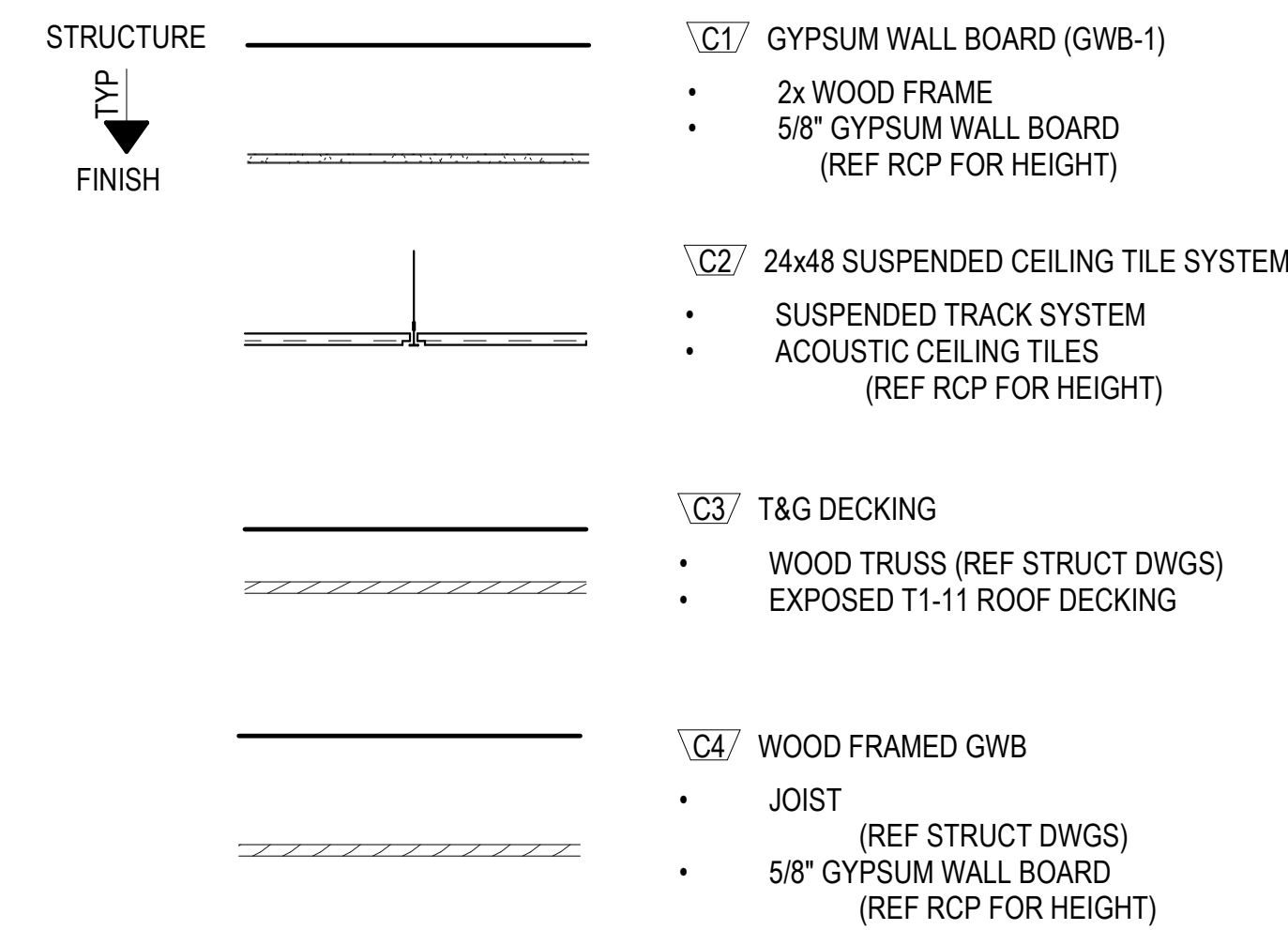
VERTICAL ASSEMBLIES - INTERIOR



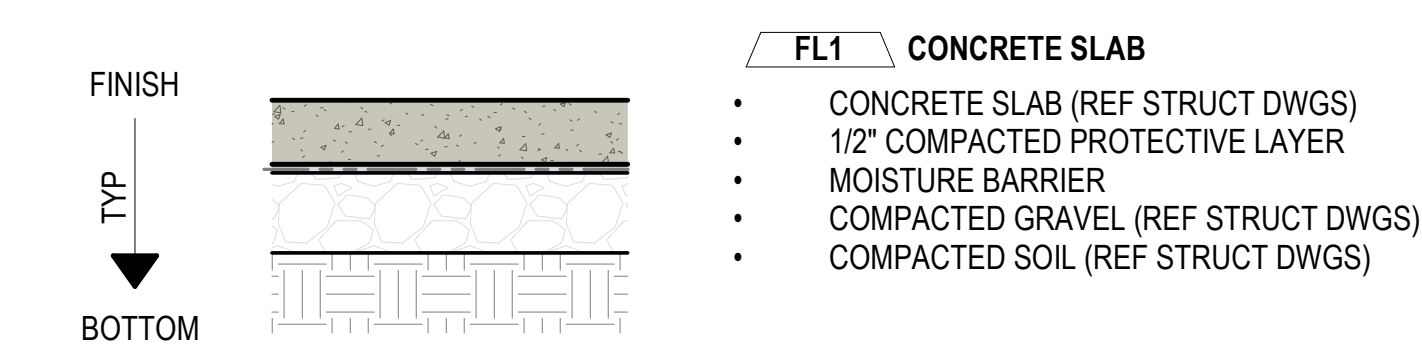
ROOF ASSEMBLIES



CEILING ASSEMBLIES



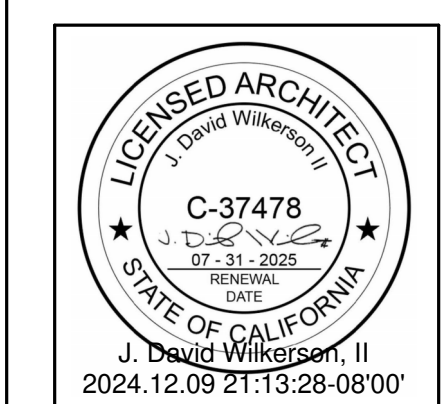
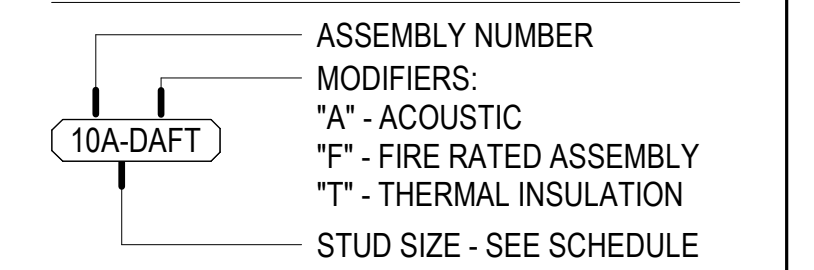
FLOOR ASSEMBLIES



FRAMING SCHEDULE

A	2x4 WOOD STUD	16" OC
B	2x6 WOOD STUD	16" OC
C	2x8 WOOD STUD	16" OC

VERTICAL ASSEMBLY KEY

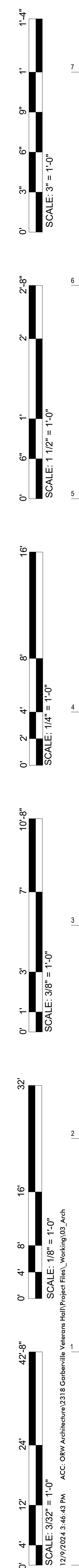


John Haynes Veterans Memorial Building
 483 Conger Street, Garberville, CA 95542
 Humboldt County
 APN: 032-011-006-000

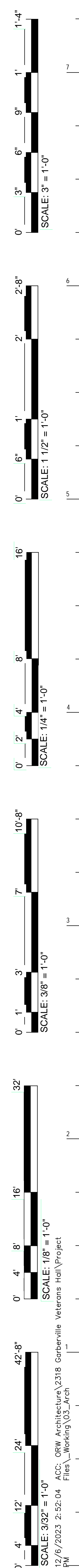
BUILDING ASSEMBLIES

PROJECT:	2318	
DATE:	12/09/2024	
ISSUE:	100% CD	
No.	Description	Date

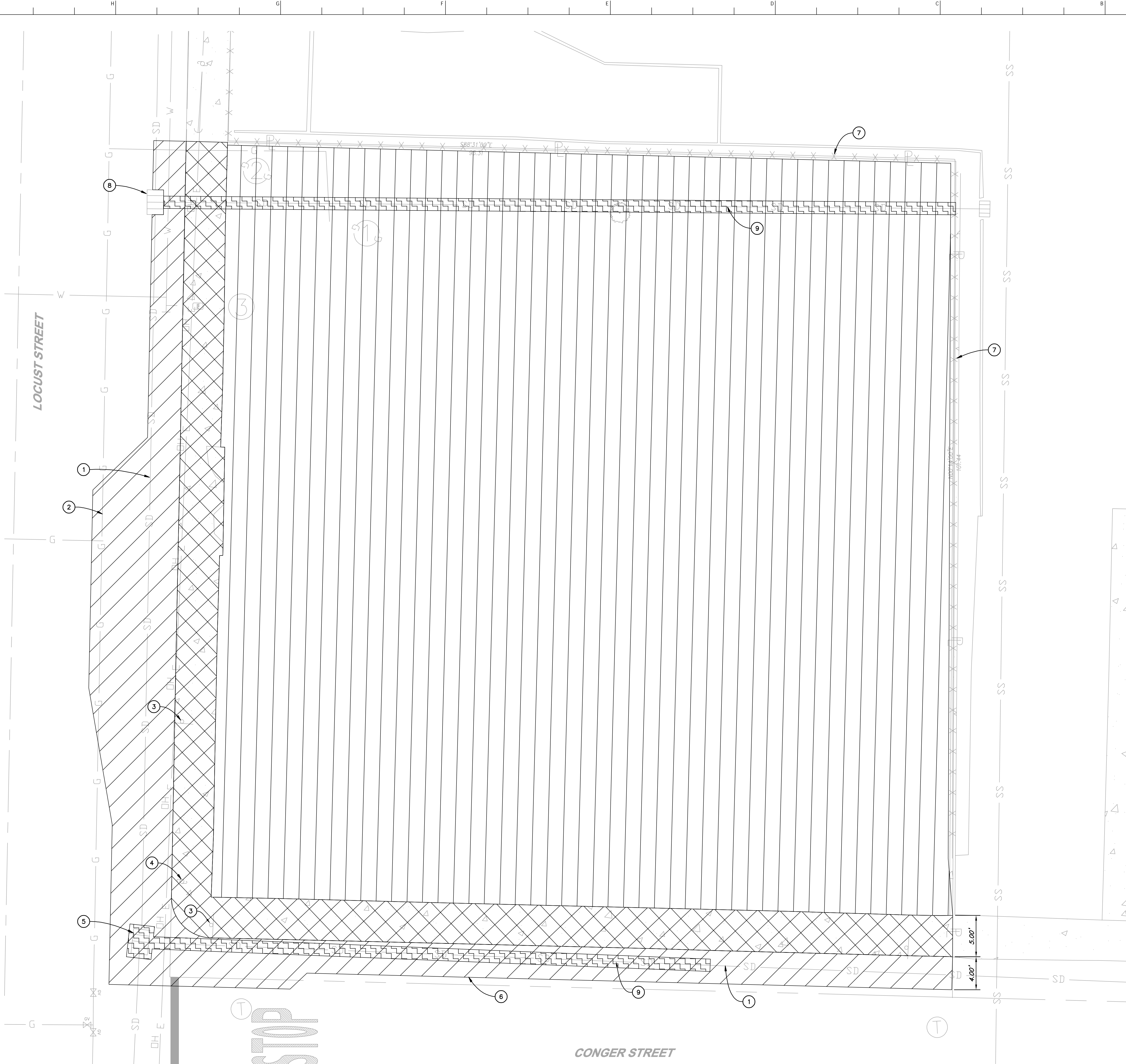
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 SCALE: 1/4" = 1'-0"
 0' 2' 4' 6' 8' 10' 12' 14' 16' 18' 20' 22' 24' 26' 28' 30' 32'
 SCALE: 1/2" = 1'-0"
 0' 6' 12' 18' 24' 30' 36' 42'
 SCALE: 3/4" = 1'-0"
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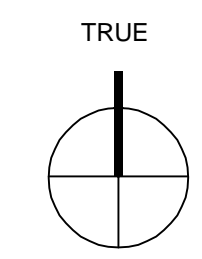
DEMOLITION PLAN
1"=5'

LEGEND

	DEMO/REMOVE CONCRETE FLATWORK, APPROX 924 SF
	SAWCUT DEMO/REMOVE AC PAVING, APPROX 1,144 SF
	CLEARING AND GRUBBING, APPROX 8,068 SF
	STORM DRAIN DEMO/REMOVE, APPROX 167 LF

KEYNOTES

NO.	DESCRIPTION
1	STORM DRAIN PIPE TO REMAIN, PROTECT IN PLACE
2	GAS PIPE TO REMAIN, PROTECT IN PLACE
3	REMOVE AND SALVAGE SIGN
4	UTILITY POLE TO REMAIN, PROTECT IN PLACE
5	REMOVE AND DISPOSE OF DI
6	SAWCUT OR GRIND NEAT EDGE
7	FENCE TO REMAIN, PROTECT IN PLACE
8	DI TO REMAIN IN PLACE
9	REMOVE AND DISPOSE OF RCP STORM DRAIN PIPE



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PROFESSIONAL ENGINEER
 Luke Jordan Barrow
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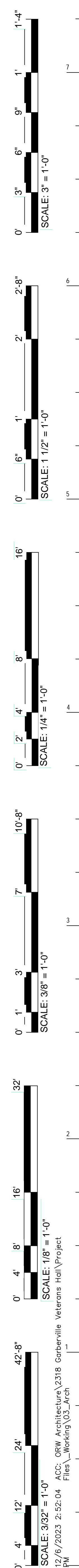
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John Haynes Veterans Memorial Building
 483 Conger Street, Garberville, CA 95424
 Humboldt County, California
 APN: 032-011-006-000

DEMOLITION PLAN

PROJECT:	2318	
DATE:	12/9/2024	
ISSUE:	100% CD	
No.	Description	Date

C1.0



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John Haynes Veterans Memorial Building
 483 Conger Street, Garberville, CA 95542
 Humboldt County, California
 APN: 032-011-006-000

PROJECT: 2318
 DATE: 12/9/2024
 ISSUE: 100% CD

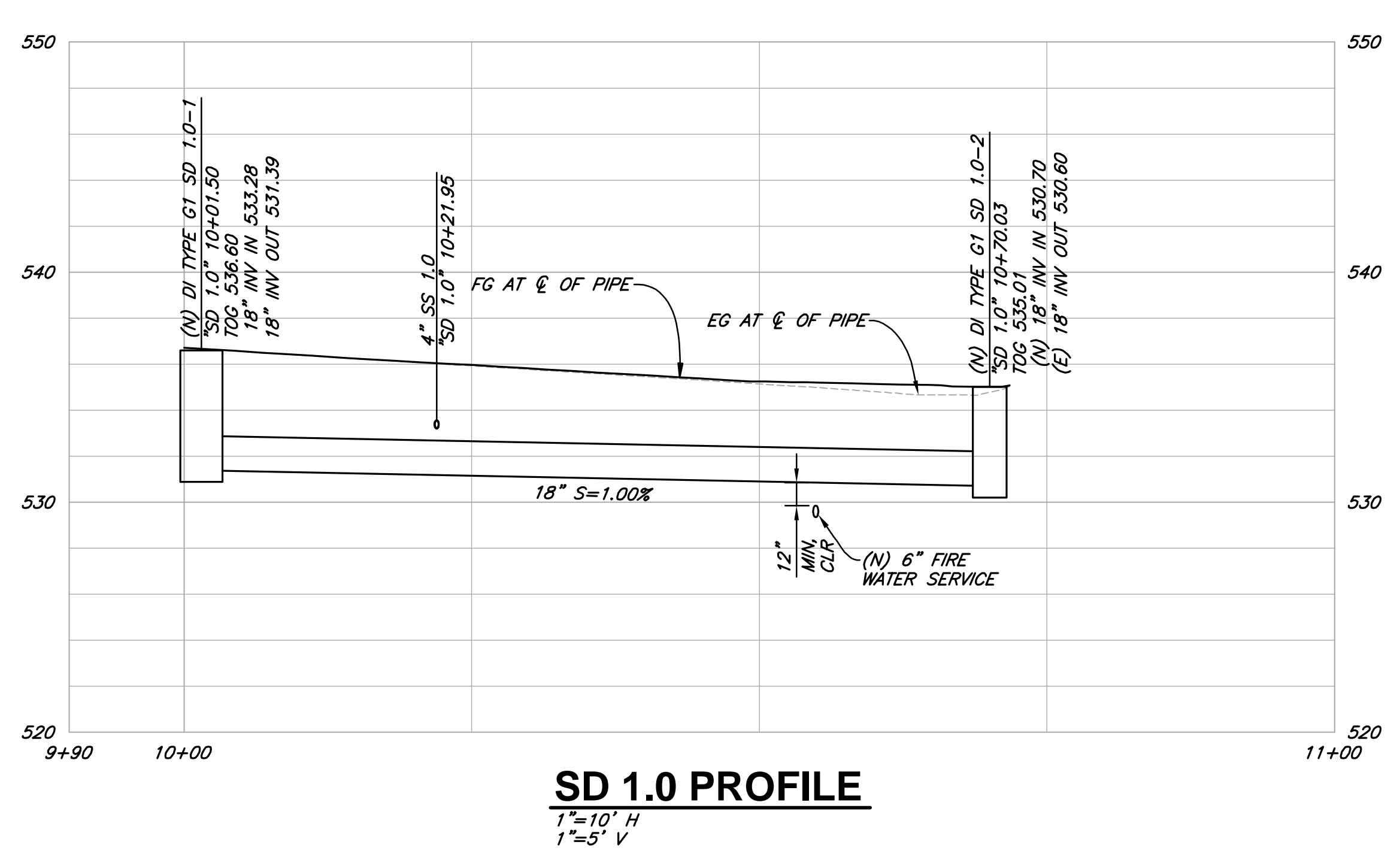
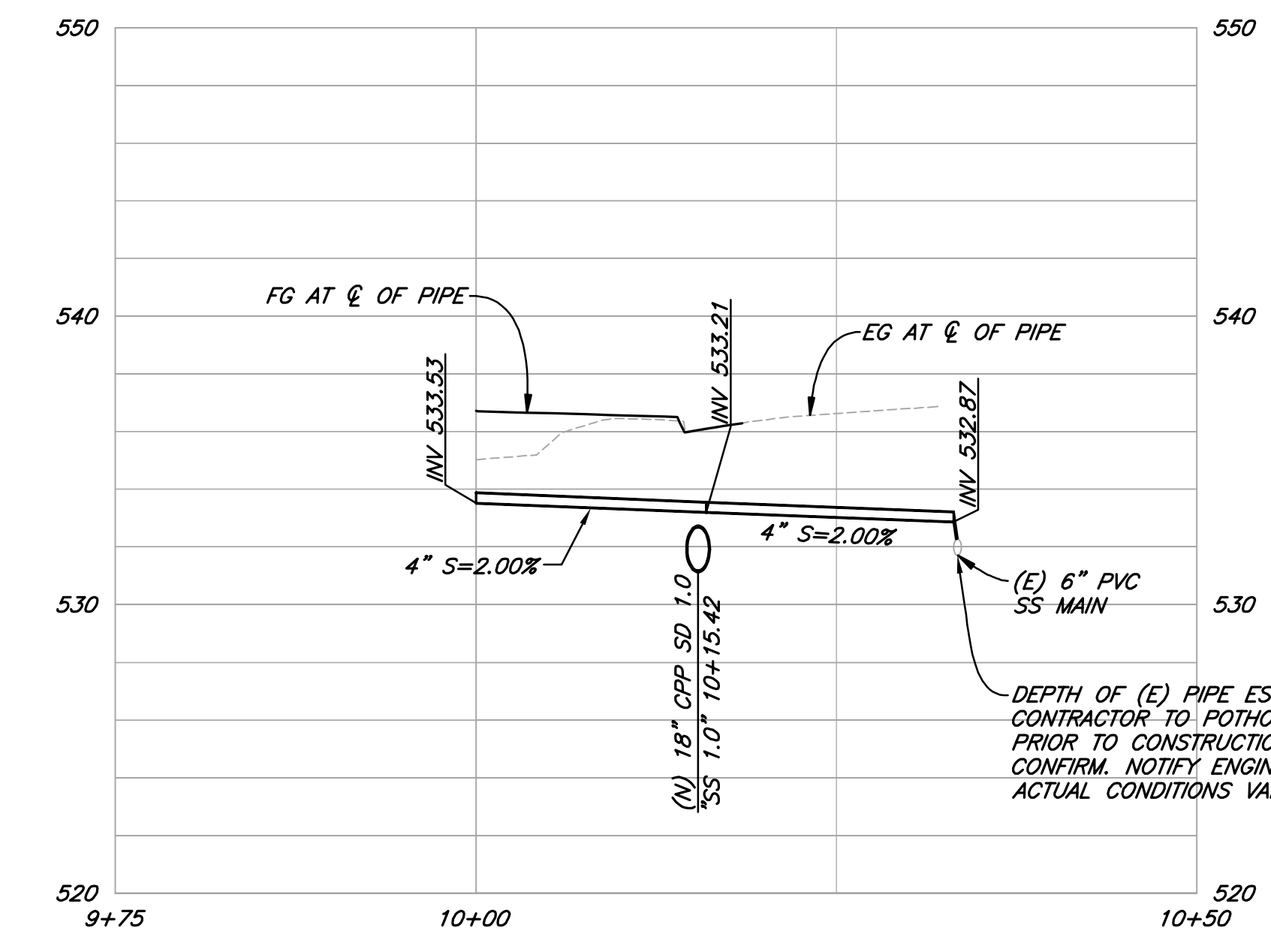
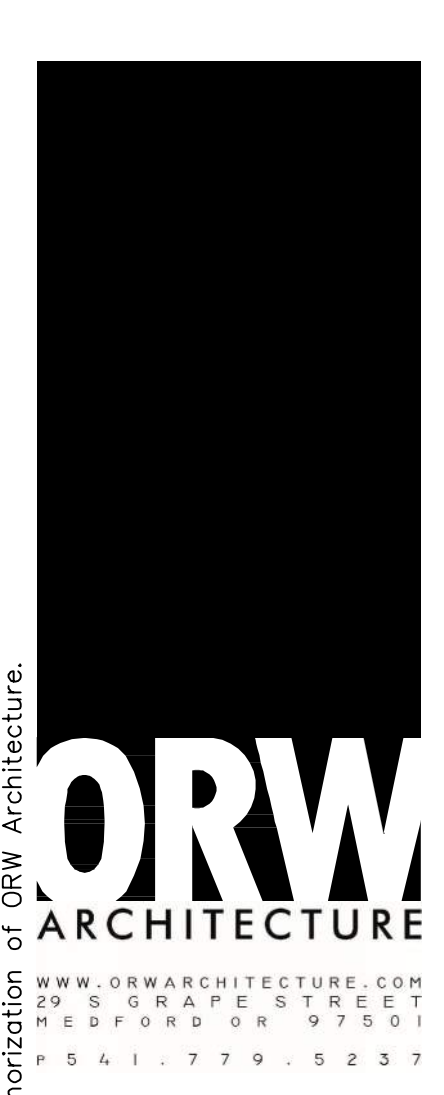
No.	Description	Date

SEWER AND STORM DRAIN PROFILE

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Professional Engineer
 License: Jordan Barrow
 C 91819
 Civil Engineer
 STATE OF CALIFORNIA
 12/04/2024



C4.1

1'-4"
1'
9"
6"
3"
0"
SCALE: 3" = 1'-0"

2'-8"
2'
0"
SCALE: 1 1/2" = 1'-0"

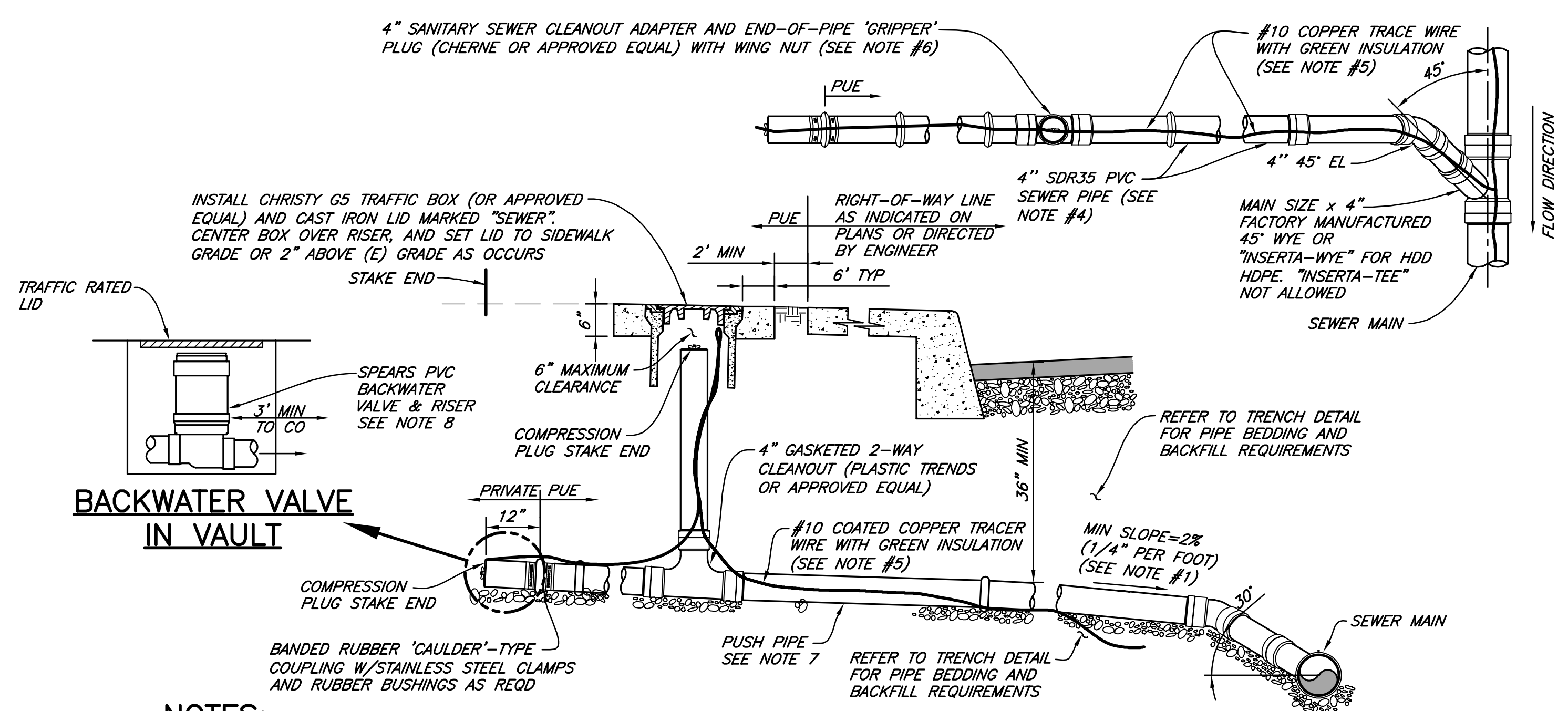
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SCALE: 1/4" = 1'-0"

10'-8"
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32"
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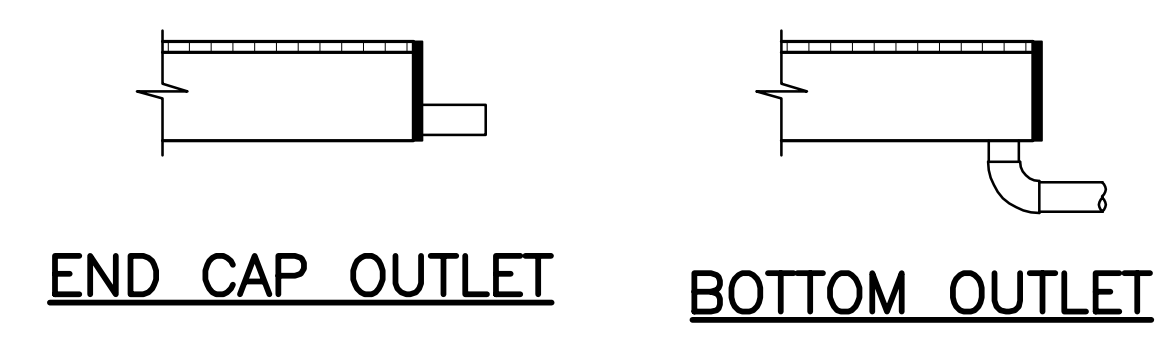
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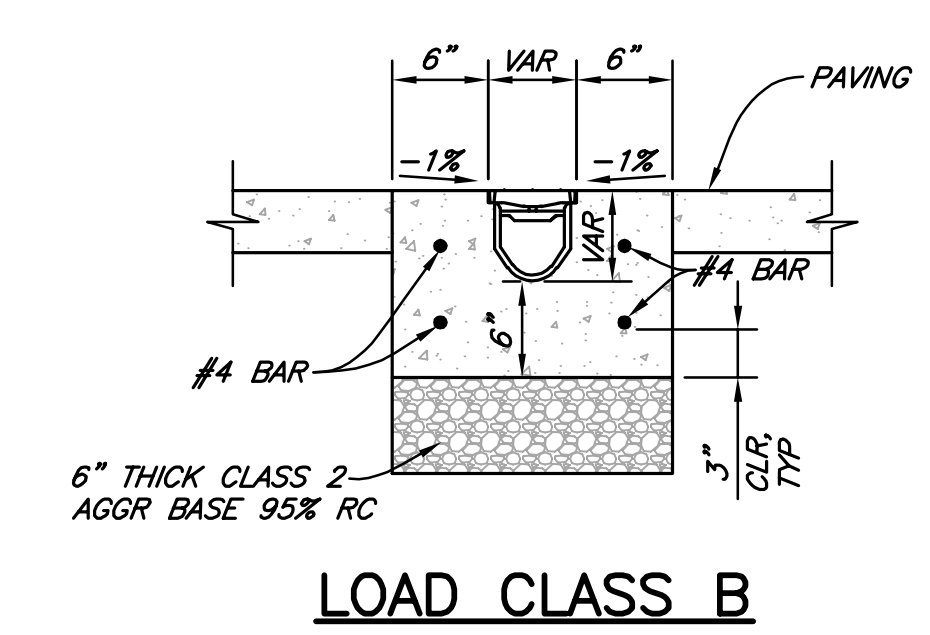


- NOTES:**
1. MINIMUM PIPE SLOPE SHALL BE 2% (1/4" PER FOOT) UNLESS OTHERWISE APPROVED BY THE ENGINEER.
 2. FACTORY MANUFACTURED FITTINGS SHALL BE USED EXCLUSIVELY.
 3. SEWER SADDLES SHALL ONLY BE USED AFTER APPROVAL OF THE ENGINEER.
 4. ALL FITTINGS AND LATERAL PIPING SHALL BE 4" SDR35 PVC SEWER PIPE UNLESS OTHERWISE INDICATED ON PLANS.
 5. ALL LATERALS SHALL BE INSTALLED WITH A #10 COPPER TRACE WIRE WITH GREEN INSULATION TAPED TO THE SANITARY SEWER PIPE. LATERAL TRACE WIRE SHALL BE SECURELY CONNECTED TO THE SEWER MAIN TRACE WIRE AT ONE END, AND SHALL TERMINATE IN A LOOP JUST BELOW THE LID IN THE CLEANOUT BOX AT THE OTHER END.
 6. PVC RISER SHALL NOT END IN A BELL FLANGE OR "CAULDER"-TYPE COUPLING. RISER SHALL TERMINATE AT THE REQUIRED CLEARANCE WITH A LEVEL CUT.
 7. NEW SEWER LATERALS SHALL BE PUSHED OR BORED UNDER EXISTING SIDEWALKS UNLESS NOTED OTHERWISE.
 8. INSTALL BACKWATER VALVE ONLY AT LOCATIONS INDICATED ON PLANS. ELSEWHERE MAINTAIN 12" SECTION INTO PRIVATE.
 9. MAINTENANCE OF BACKWATER VALVE SHALL BE THE RESPONSIBILITY OF THE PARCEL OWNER.

DETAIL 1
NTS
C4.0
(SEWER LATERAL)

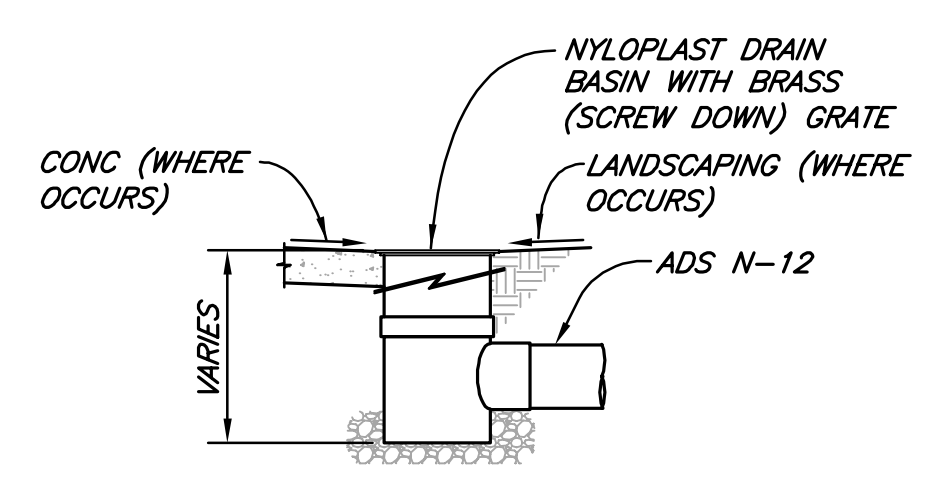


DETAIL 3
NTS
C3.0
(TRENCH DRAIN OUTLET CONFIGURATIONS)

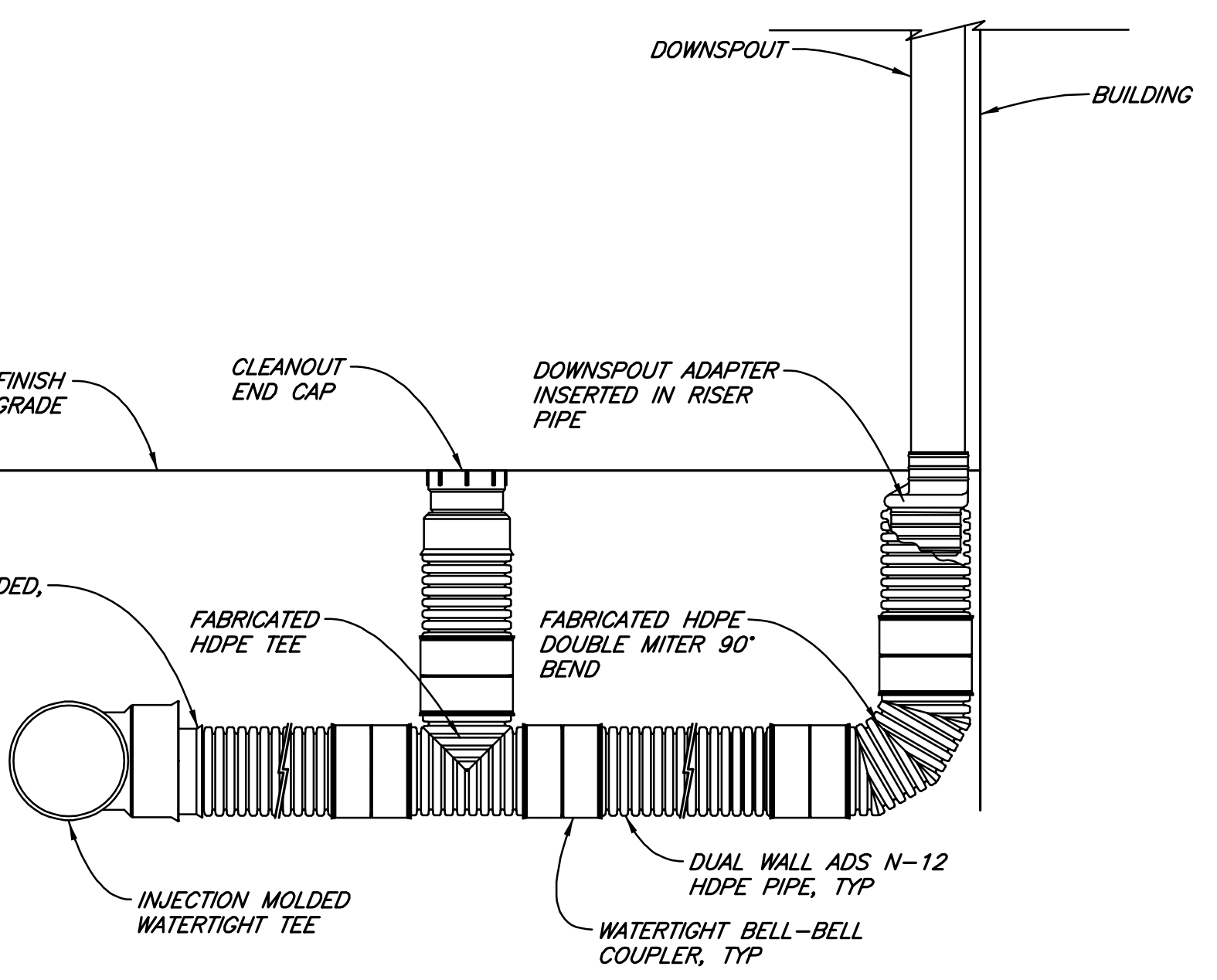


- NOTES:**
1. DIMENSIONS ARE SHOWN FOR INFORMATIONAL PURPOSES. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
 2. GRATE SHALL MEET ADA ACCESSIBILITY REQUIREMENTS IN AREAS EXPOSED TO PEDESTRIAN TRAFFIC.
 3. GRATES SHALL BE TRAFFIC RATED IN AREAS EXPOSED TO VEHICLE TRAFFIC.
 4. PLASTIC GRATES ARE NOT PERMITTED.
 5. LOAD CLASSIFICATIONS SHALL BE IN ACCORDANCE WITH EN 1433.

DETAIL 4
NTS
C2.0, C3.0
(TRENCH DRAIN)

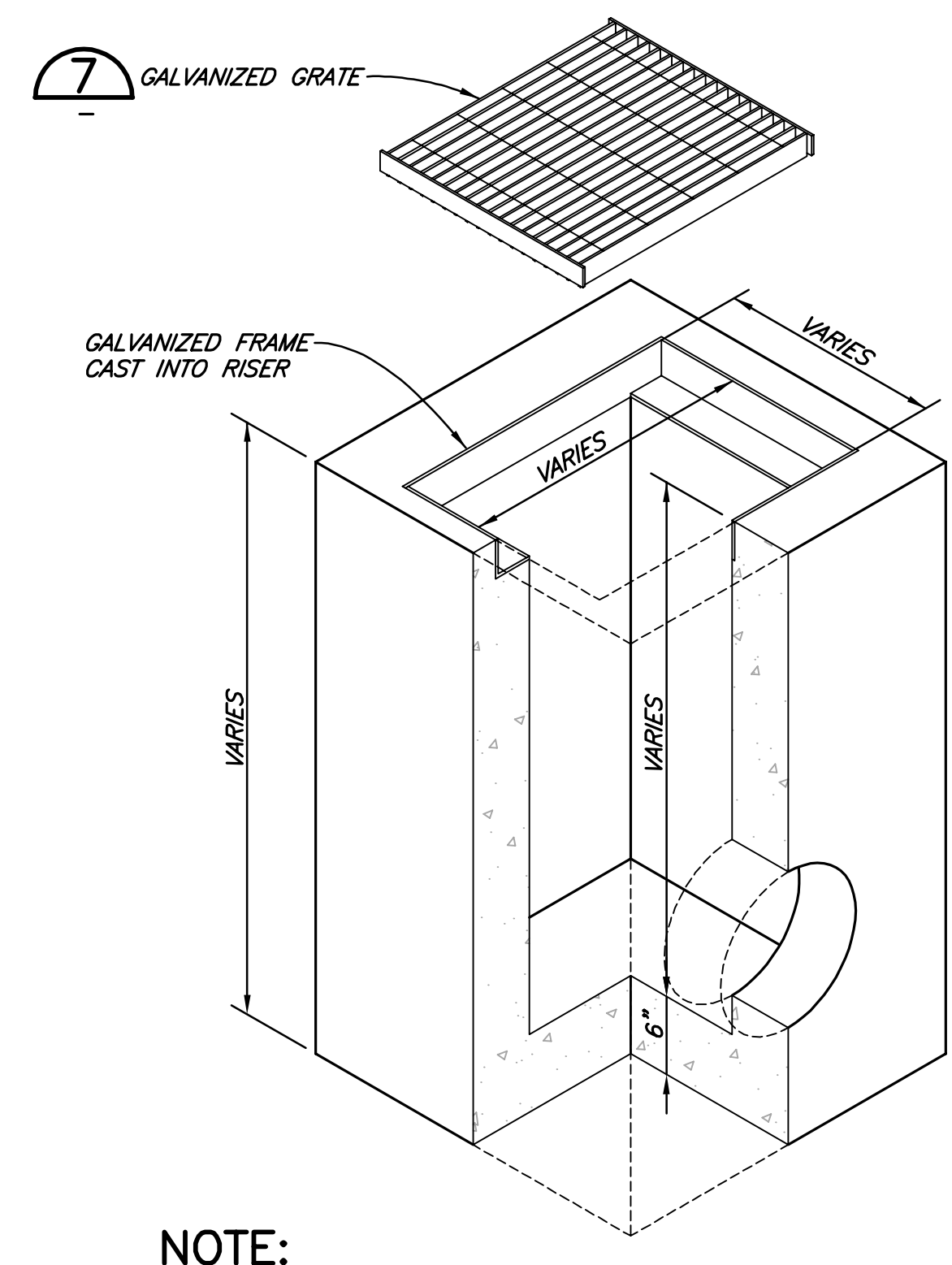


DETAIL 5
NTS
C3.0
(AREA DRAIN)



NOTE:
ALL HDPE PIPE AND FITTINGS TO BE DUAL WALL HDPE ADS N-12 OR APPROVED EQUAL

DETAIL 2
NTS
(STORM DRAIN DOWNSPOUT CONNECTION)

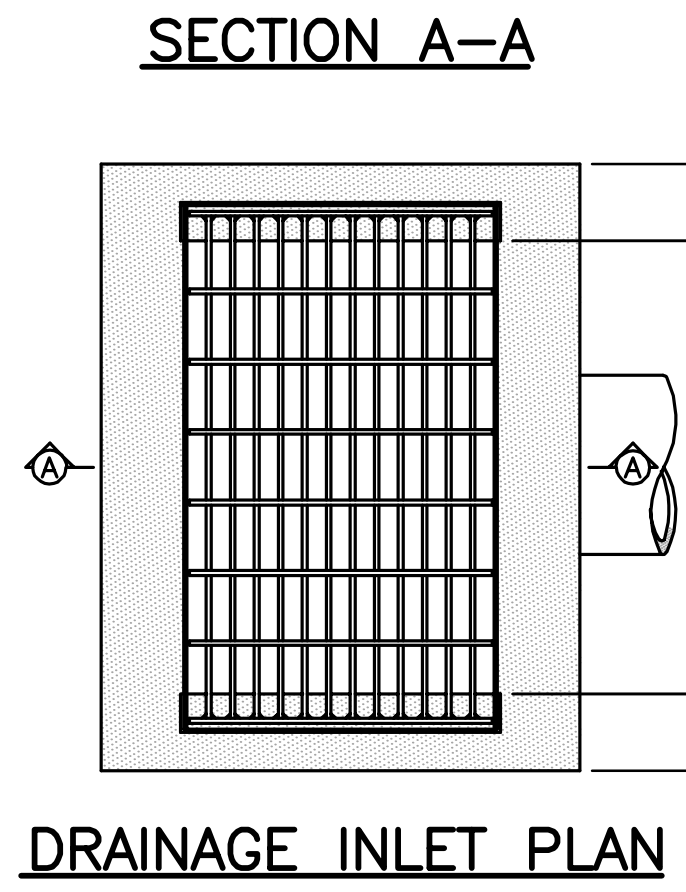
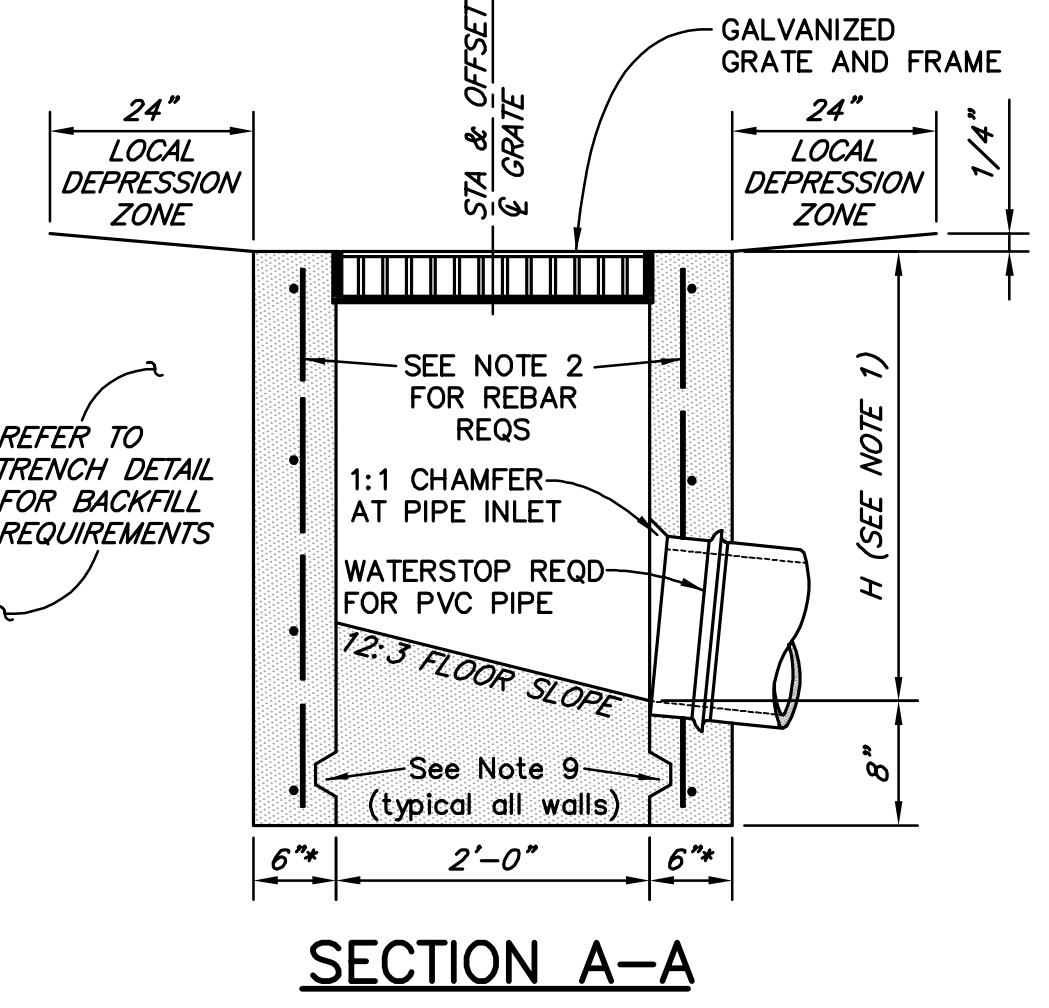
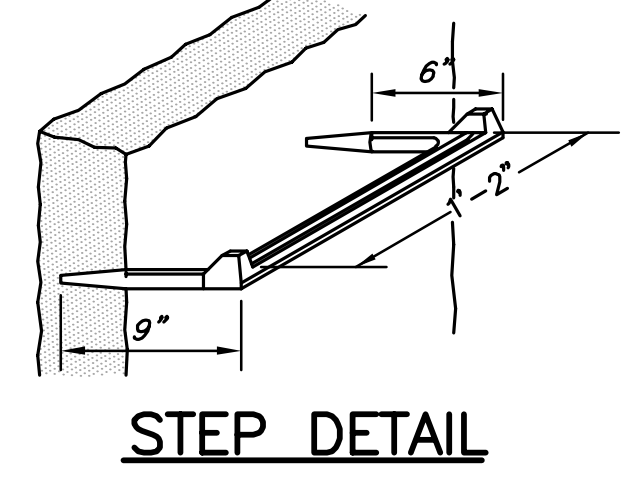
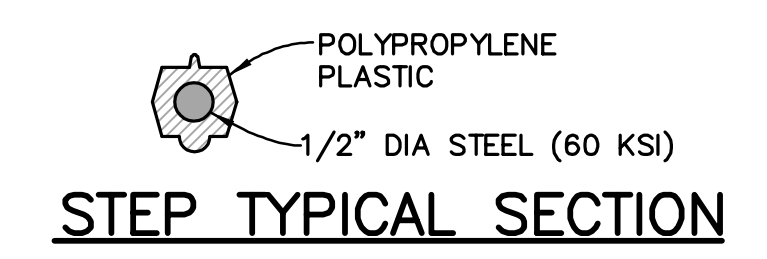


NOTE:
MANUFACTURER IS RESPONSIBLE FOR DESIGN OF DI FOR PROPOSED BURIAL DEPTHS.

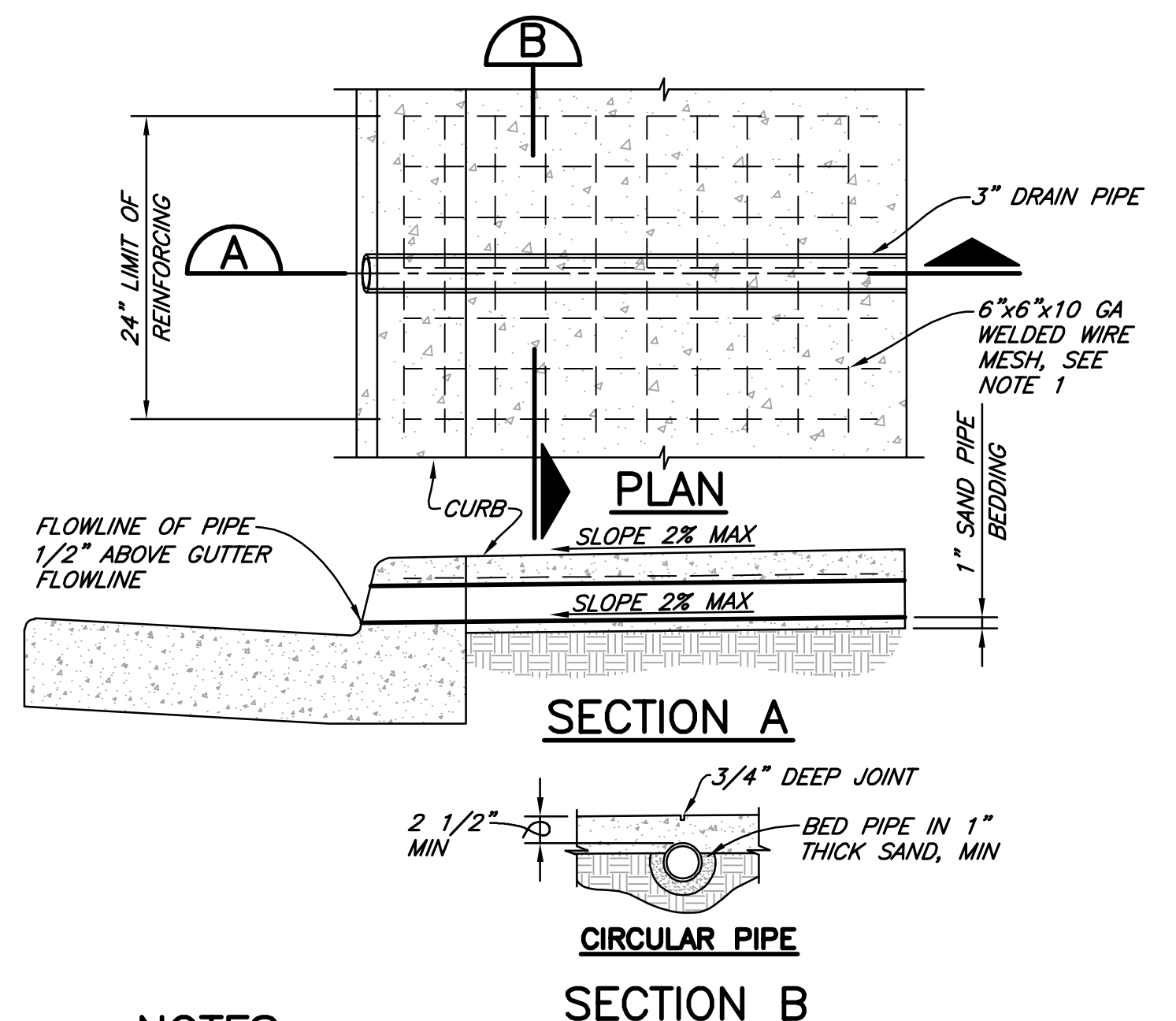
DETAIL 6
NTS
C2.0, C3.0
(DRAIN INLET)

DETAIL 7
NTS
C2.0
(ADA GRATE W/NON-SLIP SURFACE)

- NOTES:**
1. "H" IS THE DIFFERENCE IN ELEVATION BETWEEN THE OUTLET PIPE FLOW LINE AND NORMAL GUTTER GRADE LINE UNDEPRESSED.
 2. WALL REINFORCING IS NOT REQUIRED WHEN H=8' OR LESS AND THE UNSUPPORTED WIDTH OR LENGTH = 7' OR LESS. WALLS EXCEEDING THESE LIMITS SHALL BE REINFORCED WITH #4 BARS AT 18" O.C. PLACED 1.5" CLEAR TO THE INSIDE OF THE BOX UNLESS OTHERWISE SHOWN.
 3. STEPS - NO STEPS ARE REQUIRED WHERE H<30". WHERE H IS 30" OR GREATER, STEPS SHALL BE INSTALLED WITH THE LOWEST RUNG 12" ABOVE THE FLOOR, AND THE HIGHEST RUNG NOT MORE THAN 6" BELOW THE TOP OF THE INLET. THE DISTANCE BETWEEN STEPS SHALL NOT EXCEED 12", AND SHALL BE UNIFORM THROUGHOUT THE ENTIRE LENGTH OF THE WALL. STEPS SHALL BE PLACED IN A WALL WITHOUT A PIPE OPENING. STEPS SHALL BE OSHA APPROVED POLYPROPYLENE COATED STEEL.
 4. PIPES CAN BE PLACED IN ANY WALL.
 5. BASIN FLOORS SHALL HAVE WOOD TROWEL FINISH AND A MINIMUM SLOPE OF 12:3 FROM ALL DIRECTIONS TOWARDS THE OUTLET PIPE.
 6. GRATES AND GRATE FRAMES SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION.
 7. SET INLET SO THAT GRATE BARS ARE PARALLEL TO DIRECTION OF PRINCIPAL SURFACE FLOW.
 8. ALL INLETS SHALL BE CAST-IN-PLACE.
 9. WHERE THE FLOOR OF THE DI IS POURED SEPARATELY FROM THE WALLS, THE WALLS SHALL BE FORMED WITH A KEYWAY AS SHOWN. IF THE FLOOR IS POURED MONOLITHICALLY WITH THE WALLS, THE KEYWAY MAY BE OMITTED.
 10. ALL CONNECTIONS SHALL BE IN SIDE OR BACK WALL. NO CORNER CONNECTION. LARGER BOX MAY BE REQUIRED.
- * WHEN 'H' IS GREATER THAN 8'-0", WALL THICKNESS SHALL BE INCREASED TO 8".



DETAIL 9
NTS
(TYPE G1 DRAINAGE INLET)
CALTRANS STD PLANS D73B



- NOTES:**
1. WIRE MESH SHALL BE FULL WIDTH OF SIDEWALK MINUS 2", AND CENTERED OVER THE PIPE.
 2. DRAIN PIPE SHALL BE STEEL (GA 10 MIN), PVC, OR AS APPROVED BY THE CITY.
 3. IF MULTIPLE CONDUITS ARE USED, SPACE 4" CLEAR BETWEEN EACH PIPE.
 4. MAXIMUM RECTANGULAR PIPE SHALL BE 3"x6".
 5. SIDEWALK SHALL BE REMOVED TO THE NEAREST SCORE LINE.
 6. IF SIDEWALK AND CURB ARE NOT CONTIGUOUS, CURB MAY BE CORED. DOWEL NEW SIDEWALK INTO EXISTING CURB WITH 12" LONG #3 REBAR, 36" OC WITH 3" EMBEDMENT INTO THE CURB.
 7. IF SIDEWALK AND CURB ARE CONTIGUOUS, POUR MONOLITHIC WITH WIRE MESH EXTENDING INTO THE CURB.
 8. DOWEL NEW SIDEWALK INTO EXISTING SIDEWALK @ 36" OC WITH #3 x 12" BARS.
- DETAIL 8**
NTS
C3.0
(UNDER SIDEWALK DRAIN)

ORW ARCHITECTURE
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1200 S. GARFIELD STREET
SUITE 200
GARBERVILLE, CA 95440
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PROFESSIONAL ENGINEER
John Jordan Burton
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Civil Engineer
STATE OF CALIFORNIA
12/04/2024

812 W. WADSWORTH AVE.
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SJW

PROJECT: 2318
DATE: 12/9/2024
ISSUE: 100% CD

No.	Description	Date

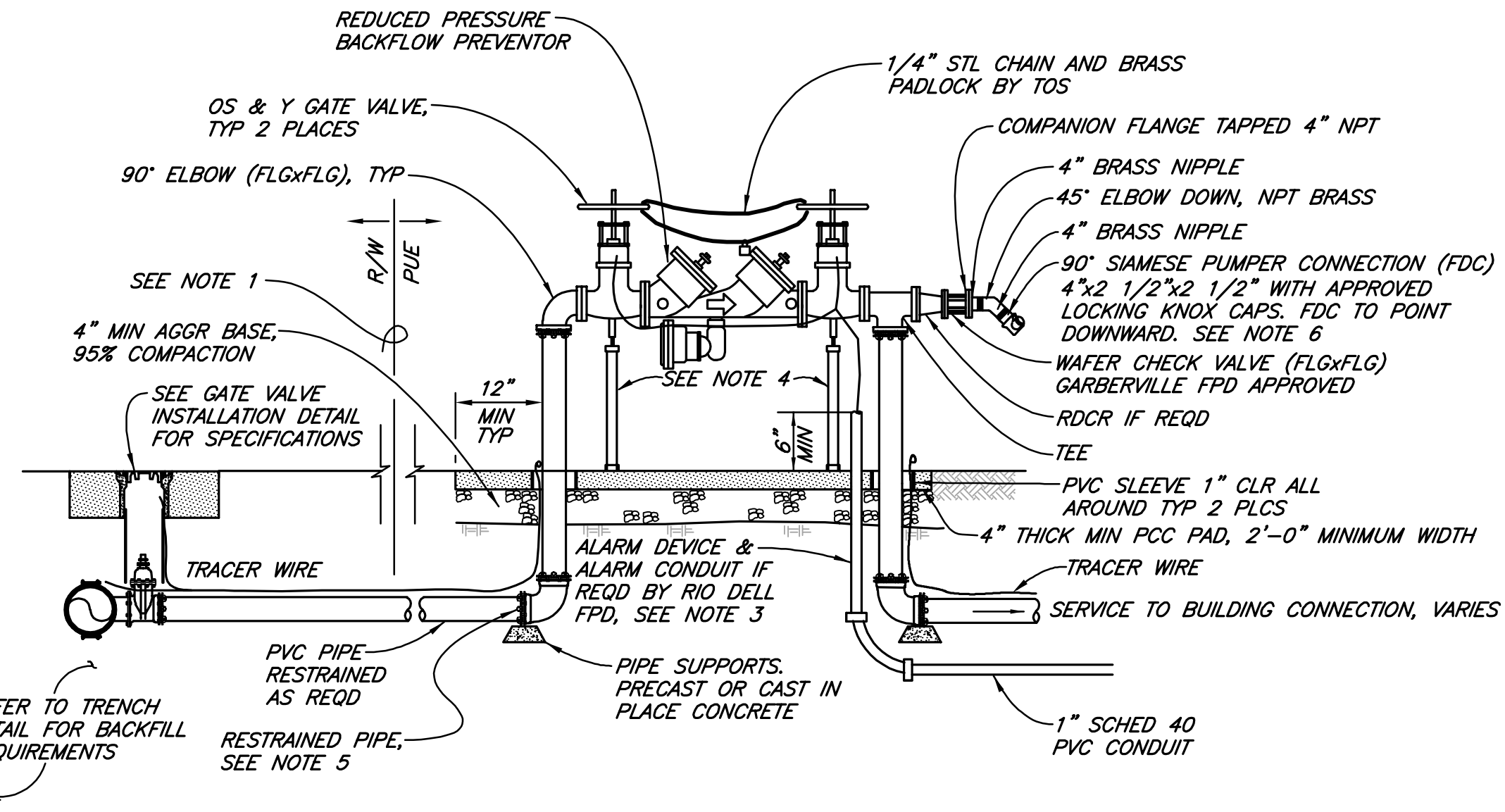
John Haynes Veterans Memorial Building
483 Conger Street, Garberville, CA 95542
Humboldt County, California
APN: 032-011-006-000

DETAILS

TRUE

C5.0

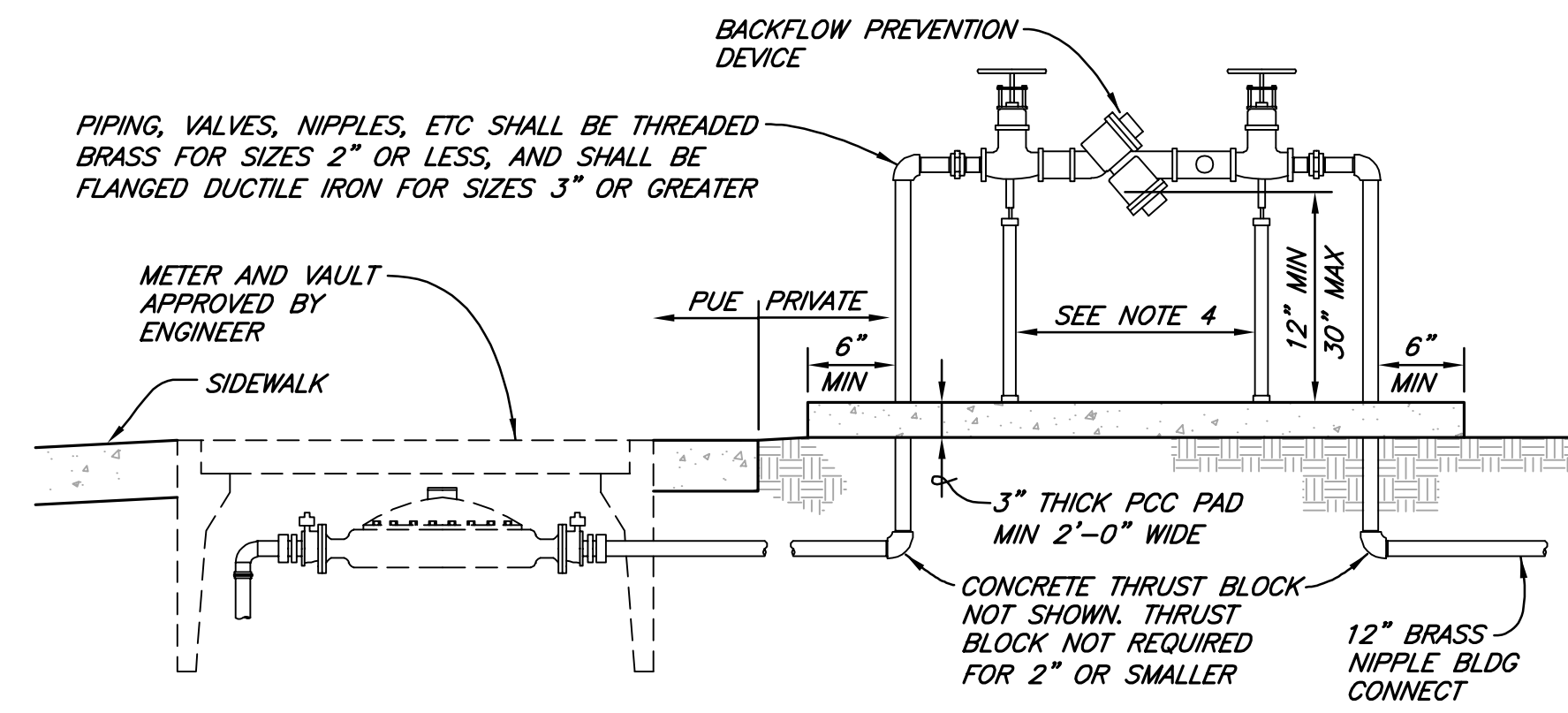
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 SCALE: 1/8" = 1'-0"
 SCALE: 1/4" = 1'-0"
 SCALE: 1/2" = 1'-0"
 SCALE: 3/8" = 1'-0"
 SCALE: 1" = 1'-0"
 SCALE: 1 1/2" = 1'-0"
 SCALE: 2" = 1'-0"
 SCALE: 3" = 1'-0"
 SCALE: 4" = 1'-0"
 SCALE: 6" = 1'-0"
 SCALE: 8" = 1'-0"
 SCALE: 12" = 1'-0"
 SCALE: 24" = 1'-0"
 SCALE: 42" = 1'-0"



- NOTES:**
1. WHEN NOT READILY VISIBLE FROM THE STREET, ADDITIONAL MARKINGS, ("FDC"), MAY BE REQUIRED. ALL FDC COMPONENTS SHALL CONFORM TO RIO DELL FIRE PROTECTION DISTRICT (FPD) REQUIREMENTS.
 2. ASSEMBLY SHALL BE PROTECTED FROM DAMAGE BY VEHICLES AND WILL REQUIRE FOUR BOLLARDS. INSTALL AS DIRECTED BY ENGINEER.
 3. FIRE SPRINKLER SYSTEM ALARM MONITORING, IF REQUIRED, SHALL BE PER CURRENT STATE, LOCAL, AND GARBERVILLE FPD CODES.
 4. INSTALL TWO VALVE MANUFACTURER APPROVED ADJUSTABLE SUPPORTS FOR 3" AND GREATER VALVES.
 5. INSTALL RESTRAINED JOINT PIPE ON EITHER SIDE OF THE BURIED 90 DEGREE ELBOWS AS DIRECTED BY ENGINEER.
 6. KNOX LOCKING CAPS (CFC 912.4.1).

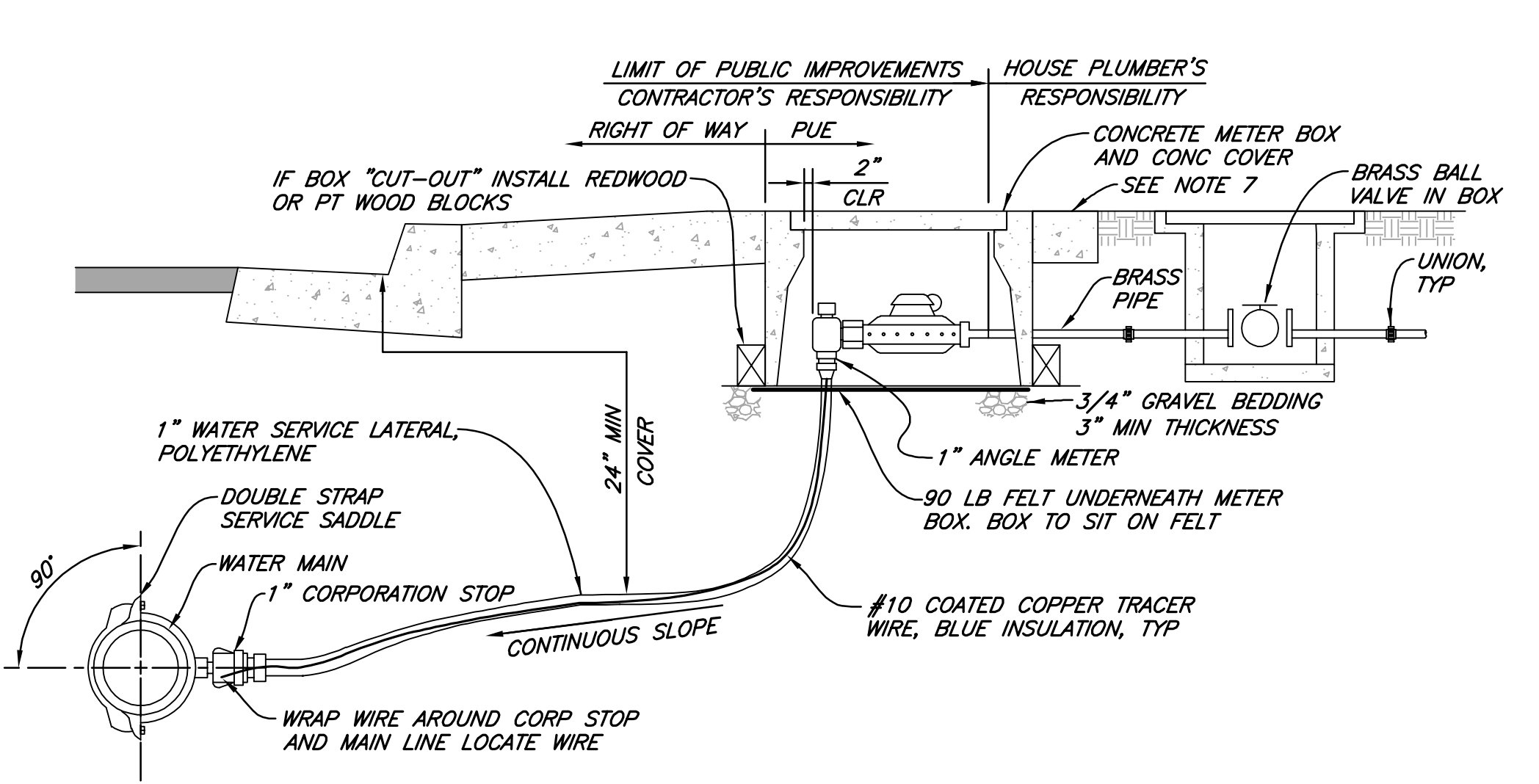
DETAIL 1
NTS C4.0

(BACKFLOW PREVENTION ASSEMBLY AND FIRE DEPARTMENT CONNECTION (FDC))



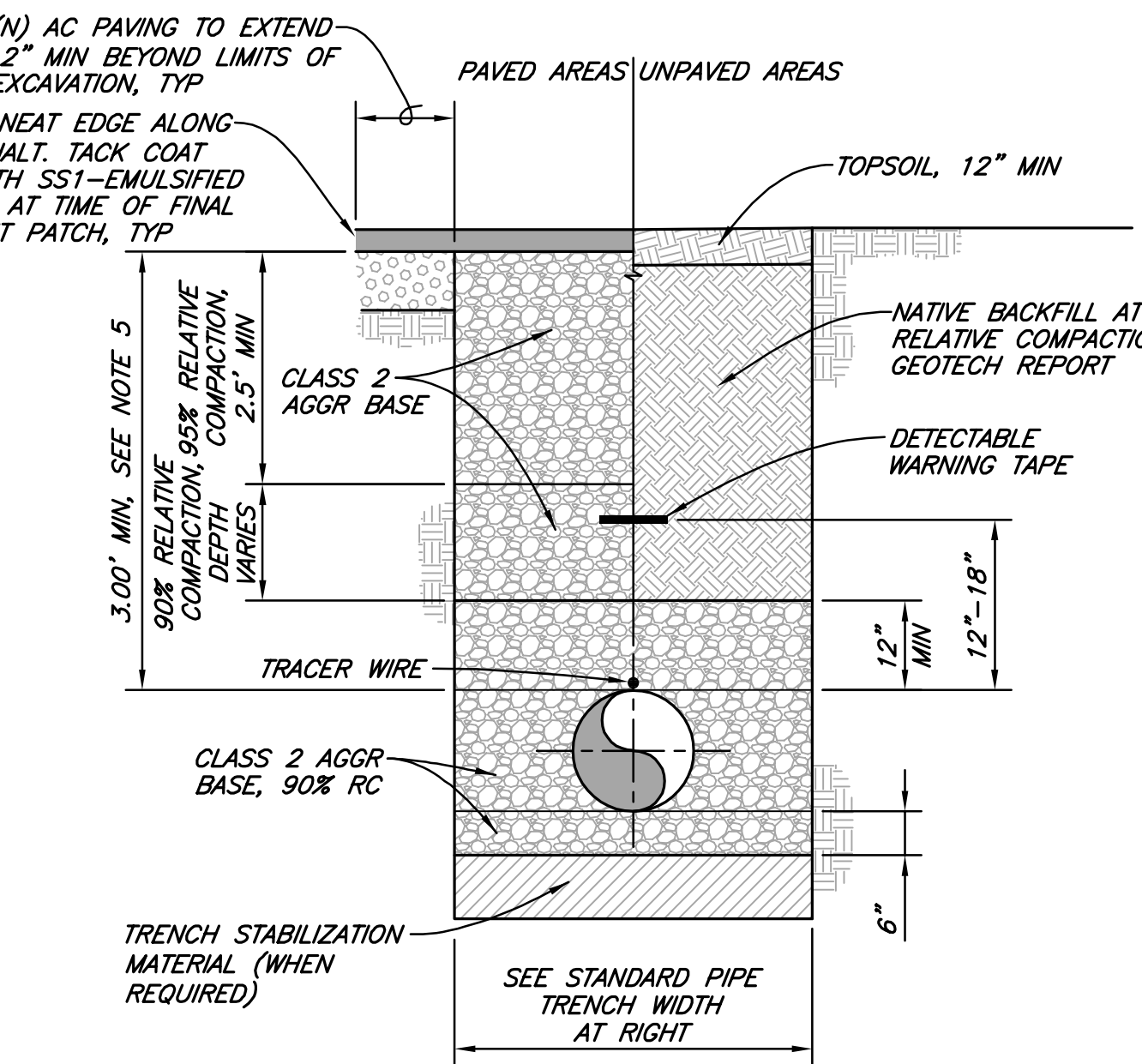
- NOTES:**
1. DOUBLE CHECK TYPE BACKFLOW PREVENTION DEVICES SHALL BE REQUIRED FOR ANY USE WHERE TOXIC MATERIALS ARE USED OR WHERE POSITIVE PROTECTION FOR THE PUBLIC WATER SUPPLY IS REQUIRED. TYPICAL APPLICATIONS INCLUDE: IRRIGATION SERVICES, COMMERCIAL SERVICES, INDUSTRIAL SERVICES, HOSPITALS, LABORATORIES, MORTUARIES, OR AS DETERMINED BY THE DISTRICT. (TITLE 17 CALIFORNIA ADMINISTRATION CODE).
 2. BACKFLOW PREVENTION DEVICES SHALL BE INSTALLED ADJACENT TO AND ON THE PROPERTY SIDE OF SIDEWALK WHERE APPLICABLE. THE ASSEMBLY SHALL BE INSTALLED AS CLOSE TO THE WATER METER LOCATION AS PRACTICAL.
 3. DEVICE TO BE SAME SIZE OR LARGER THAN SERVICE METER.
 4. 3" BACKFLOW PREVENTION DEVICE OR LARGER TO HAVE SUPPORTS.
 5. ABOVE GROUND PIPING, (EXCEPT VALVE) SHALL BE INSULATED, (WRAPPED) TO PREVENT FREEZING.

DETAIL 2
NTS C4.0
(BACKFLOW PREVENTER)



- NOTES:**
1. ALL WATER SERVICE MATERIALS SHALL BE AS SPECIFIED IN THE DESIGN SPECIFICATIONS (OR APPROVED EQUAL).
 2. FACTORY MANUFACTURED FITTINGS SHALL BE USED EXCLUSIVELY.
 3. #10 COPPER TRACER WIRE WITH BLUE INSULATION SHALL BE TAPED TO ALL WATER MAINS, SERVICES, AND FITTINGS. TRACER WIRE SHALL BE SECURELY CONNECTED TO THE WATER MAIN TRACE WIRE AT ONE END, AND SHALL TERMINATE IN A LOOP JUST BELOW THE LID IN THE METER BOX AT THE OTHER END.
 4. ALL WATER SERVICE SADDLES SHALL HAVE ALL EXPOSED NUTS AND BOLTS COMPLETELY COVERED WITH SPRAY-ON RUBBERIZED UNDERCOATING.
 5. CONNECTIONS BETWEEN FITTINGS AND WATER SERVICE PIPING SHALL BE MADE WITH PACK JOINTS, AND STAINLESS STEEL INSERT STIFFENERS SHALL BE USED AS NECESSARY WHEN CONNECTING WATER SERVICE PIPING TO PACK JOINTS.

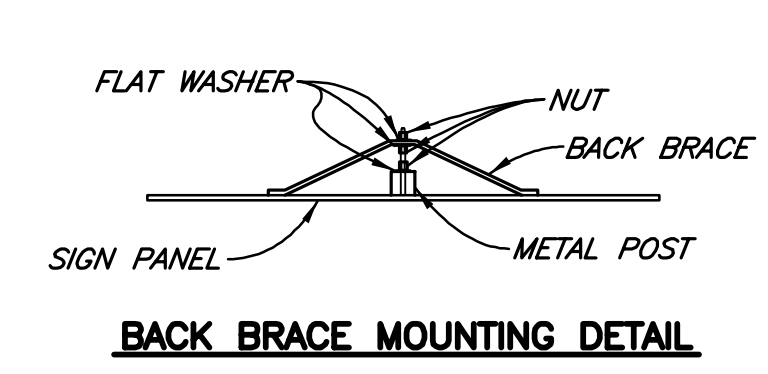
DETAIL 3
NTS C4.0
(WATER SERVICE)



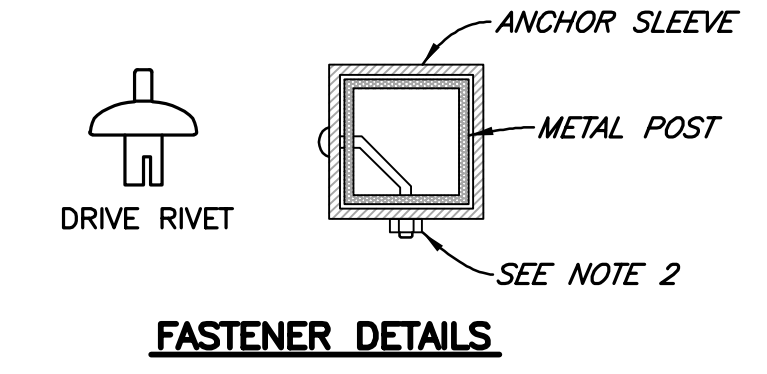
- NOTES:**
1. WIDER TRENCHES MAY REQUIRE HIGHER STRENGTH PIPE AND/OR SPECIAL BEDDING.
 2. DIFFERING TRENCH WIDTHS REQUIRE PRIOR APPROVAL OF ENGINEER.
 3. IN MAKING EXCAVATIONS FOR THIS PROJECT, THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR PROVIDING AND INSTALLING ADEQUATE SHEETING, SHORING AND BRACING AS MAY BE NECESSARY AS A PRECAUTION AGAINST SLIDES OR CAVE-INS AND TO PROTECT ALL EXISTING IMPROVEMENTS OF ANY KIND, EITHER ON PUBLIC OR PRIVATE PROPERTY, FULLY FROM DAMAGE.
 4. SATISFACTORY NATIVE BACKFILL MATERIAL USED AS UTILITY TRENCH BACKFILL BELOW UNPAVED AREAS SHALL BE APPROVED BY THE ENGINEER PRIOR TO USE.
 5. 2-SACK SLURRY BACKFILL MAY BE USED IN TRENCH WHEN MINIMUM PIPE COVER NOT POSSIBLE, WHEN APPROVED BY OWNER'S REPRESENTATIVE.
 6. DETECTABLE WARNING TAPE SHALL BE BRIGHT COLORED, CONTINUOUSLY PRINTED, MINIMUM 6" WIDE BY 4 MIL THICK, MANUFACTURED FOR DIRECT BURIAL.
 7. DETECTABLE WARNING TAPE NOT REQUIRED FOR IRRIGATION LINES.
 8. GRAVEL ROADS SHALL USE PAVED AREA TRENCH SECTION BUT WITH AGGREGATE BASE TO SURFACE, UNLESS NOTED OTHERWISE.
 9. MAINTAIN A MINIMUM OF 2'-0" SEPARATION WHERE PIPES ARE INSTALLED WITHIN THE SAME TRENCH.

DETAIL 4
NTS
(TYPICAL TRENCH)

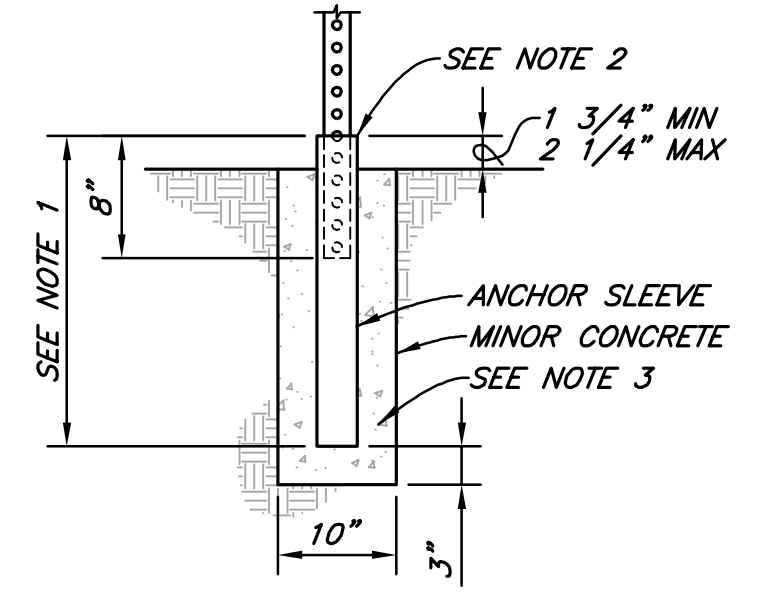
PIPE DIA "D"	MINIMUM "A"	MAXIMUM "A"
<4"	3"	6"
4" TO 6"	6"	12"
6" TO 15"	8"	14"
16" TO 21"	10"	16"
24" TO 30"	12"	18"
33" TO 42"	15"	21"
48" & LARGER	18"	24"



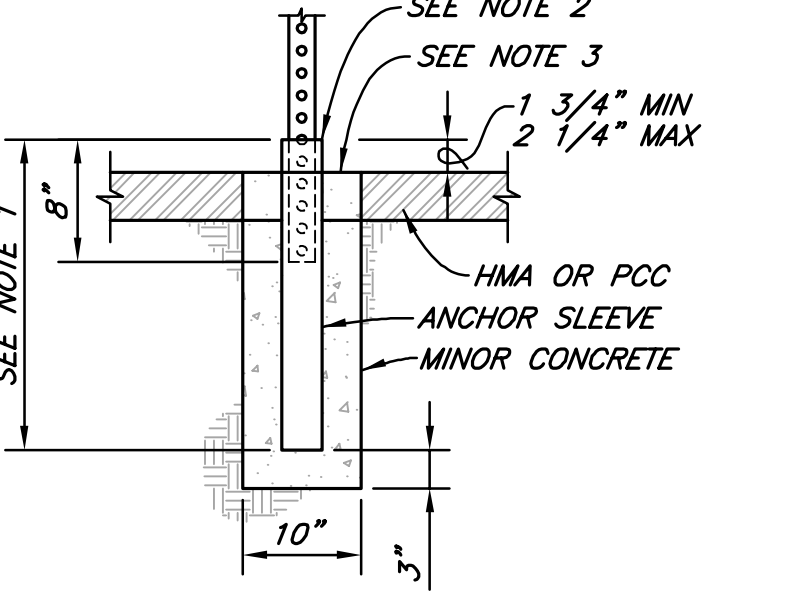
BACK BRACE MOUNTING DETAIL



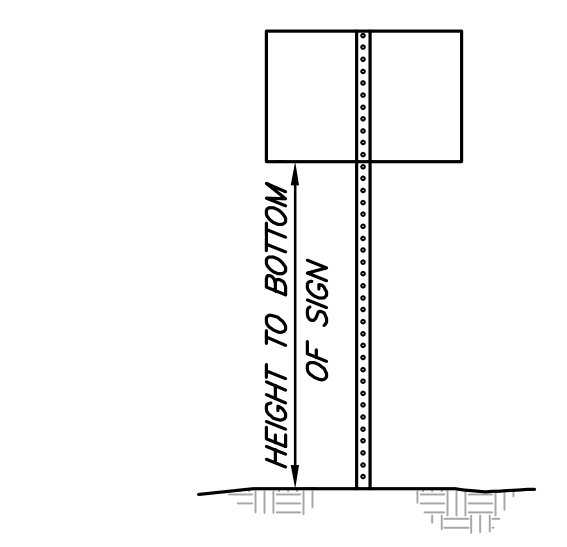
FASTENER DETAILS



INSTALLATION IN SOIL



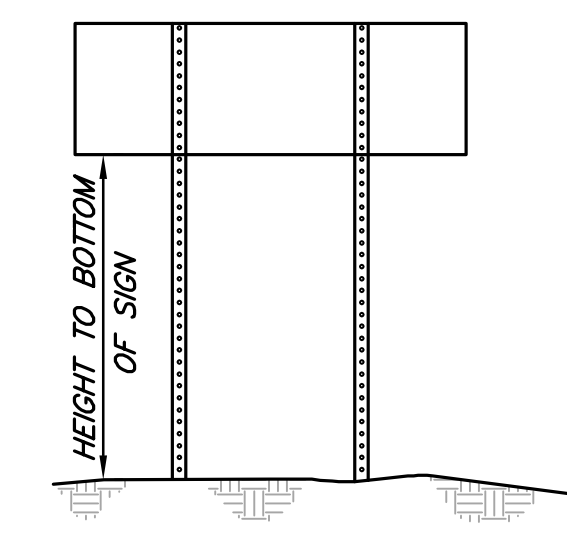
INSTALLATION HMA OR PCC



SINGLE POST INSTALLATION

POST SIZE	MAX SQ FEET OF SIGN
2.5"	16 16 16 16 11.75 11.75

HEIGHT TO BOTTOM OF SIGN (FT)
DESIGN WIND SPEED OF 70 MPH



TWO POST INSTALLATION

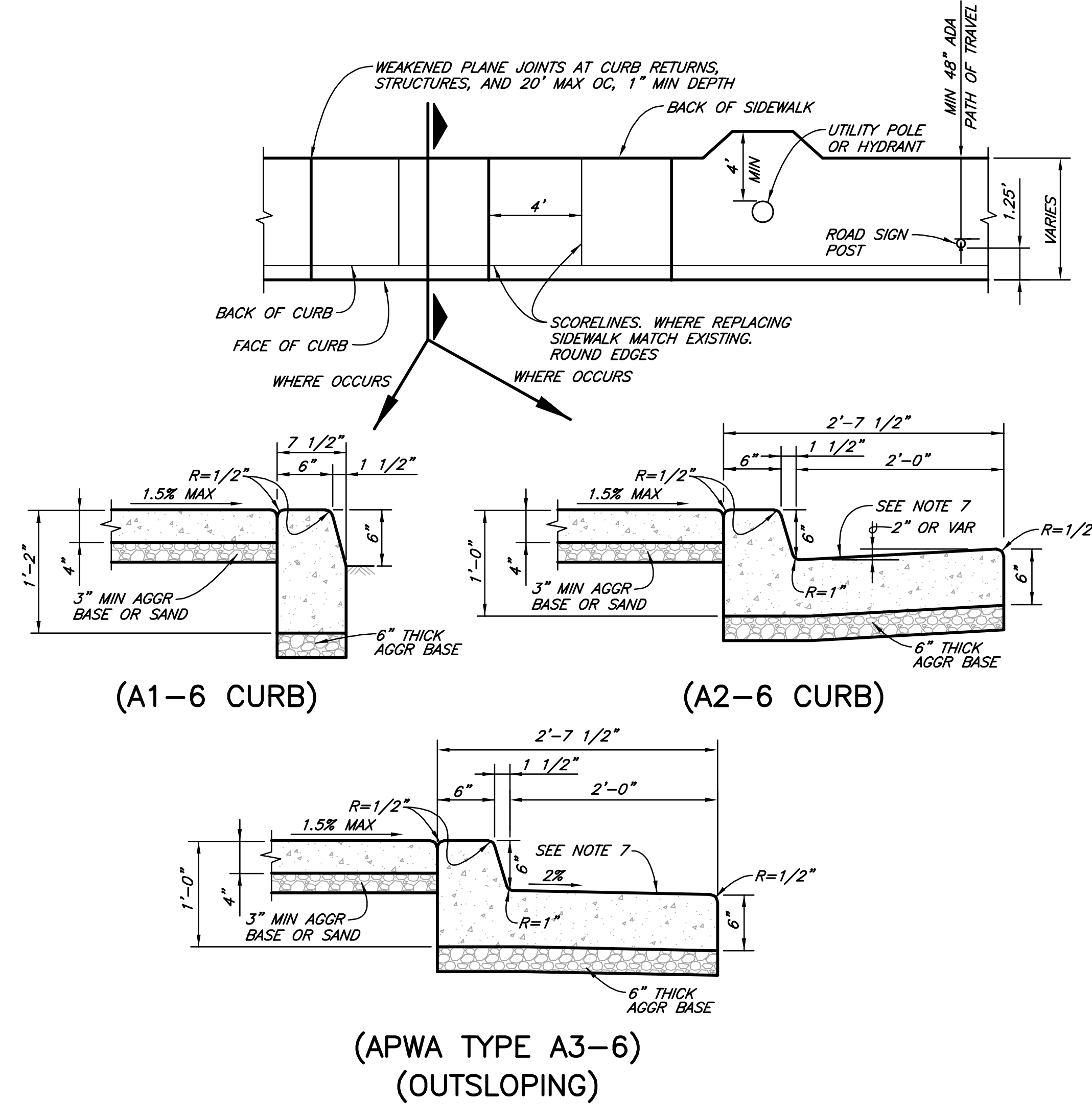
POST SIZE	MAX SQ FEET OF SIGN
2.5"	35 32 28 24 21 21

HEIGHT TO BOTTOM OF SIGN (FT)
DESIGN WIND SPEED OF 70 MPH

- NOTES:**
1. USE A 3" SQ TUBE x 3" LONG, 3/16" THICK ANCHOR FOR 2 1/2" POSTS.
 2. USE A 3/8" CORNER BOLT OR TWO DRIVE RIVETS TO FASTEN ASSEMBLED SIGN AND POST INTO ANCHOR. INSTALL CORNER BOLT OR DRIVE RIVETS INTO THE SIDES FACING TRAFFIC.
 3. 2 1/2" POSTS ARE TO BE 10 GA, PERFORATIONS OF 7/16" IN DIAMETER AT 1" OC ON ALL SIDES.
 4. FOR DETAILS NOT SHOWN, REFER TO THE CALTRANS STANDARD PLANS.
 5. ALL ANCHOR SLEEVES SHALL BE EMBEDDED IN CONCRETE, 2" FROM TOP BACK OF CURB.
 6. BOTTOM OF SIGN SHALL BE 80" ABOVE FINISH GRADE WHEN LOCATED IN A SIDEWALK OR PEDESTRIAN PATHWAY.
 7. BOTTOM OF SIGN TO BE MOUNTED 70" MINIMUM ABOVE ADJACENT GRADE WHEN OUTSIDE OF A WALKWAY.

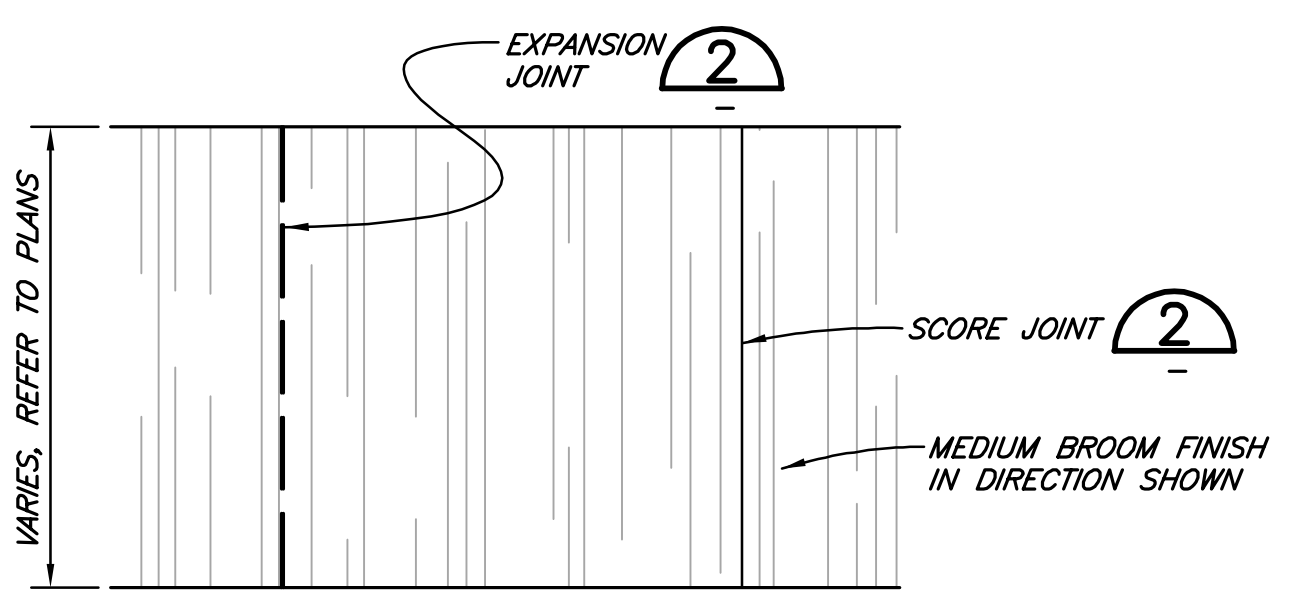
DETAIL 5
NTS C2.0
(ROADSIDE SIGN DETAILS)

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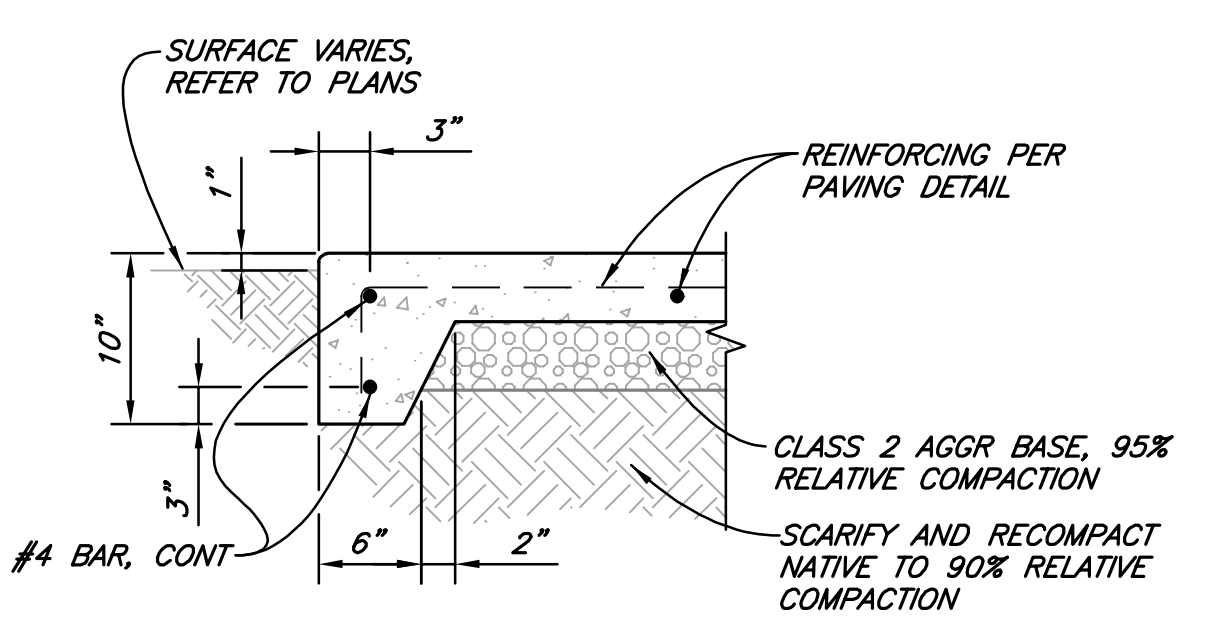
- NOTES:**
- CASE 4 DRIVEWAY SECTION TYPICALLY APPLIES.
 - X=3'-0" EXCEPT FOR CURB HEIGHTS OVER 10" WHERE 4:1 SLOPES SHALL BE USED ON CURB SLOPE.
 - SIDEWALK AND RAMP THICKNESS "T" AT DRIVEWAY SHALL BE 4" FOR RESIDENTIAL AND 6" FOR COMMERCIAL.
 - DIFFERENCE IN SLOPE OF THE DRIVEWAY RAMP AND THE SLOPE OF A LINE BETWEEN THE GUTTER AND A POINT ON THE ROADWAY 5'-0" FROM GUTTER LINE SHALL NOT EXCEED 15%. REDUCE DRIVEWAY RAMP SLOPE, NOT GUTTER SLOPE, WHERE REQUIRED.
 - MINIMUM WIDTH OF CLEAR PASSAGEWAY FOR SIDEWALK SHALL BE 4'-2".
 - RETAINING CURBS AND ACQUISITION OF CONSTRUCTION EASEMENT MAY BE NECESSARY FOR NARROW SIDEWALKS OR CURB HEIGHTS IN EXCESS OF 6".
 - ACROSS THE PEDESTRIAN ROUTE AT CURB RAMP LOCATIONS, THE GUTTER PAN SLOPE SHALL NOT EXCEED 1" OF DEPTH FOR EACH 2'-0" OF WIDTH.
 - SEE CALTRANS STD PLANS A87A FOR MORE DETAIL.

DETAIL 1
 NTS
 C2.0

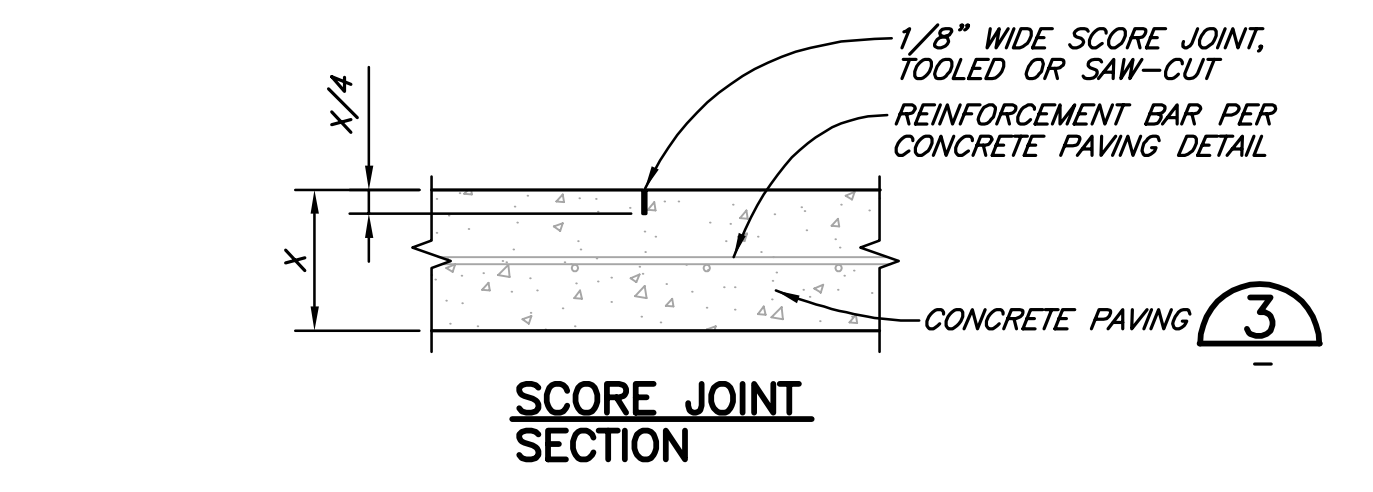


NOTE:
 SEE LANDSCAPE PLANS FOR JOINT PATTERNS.

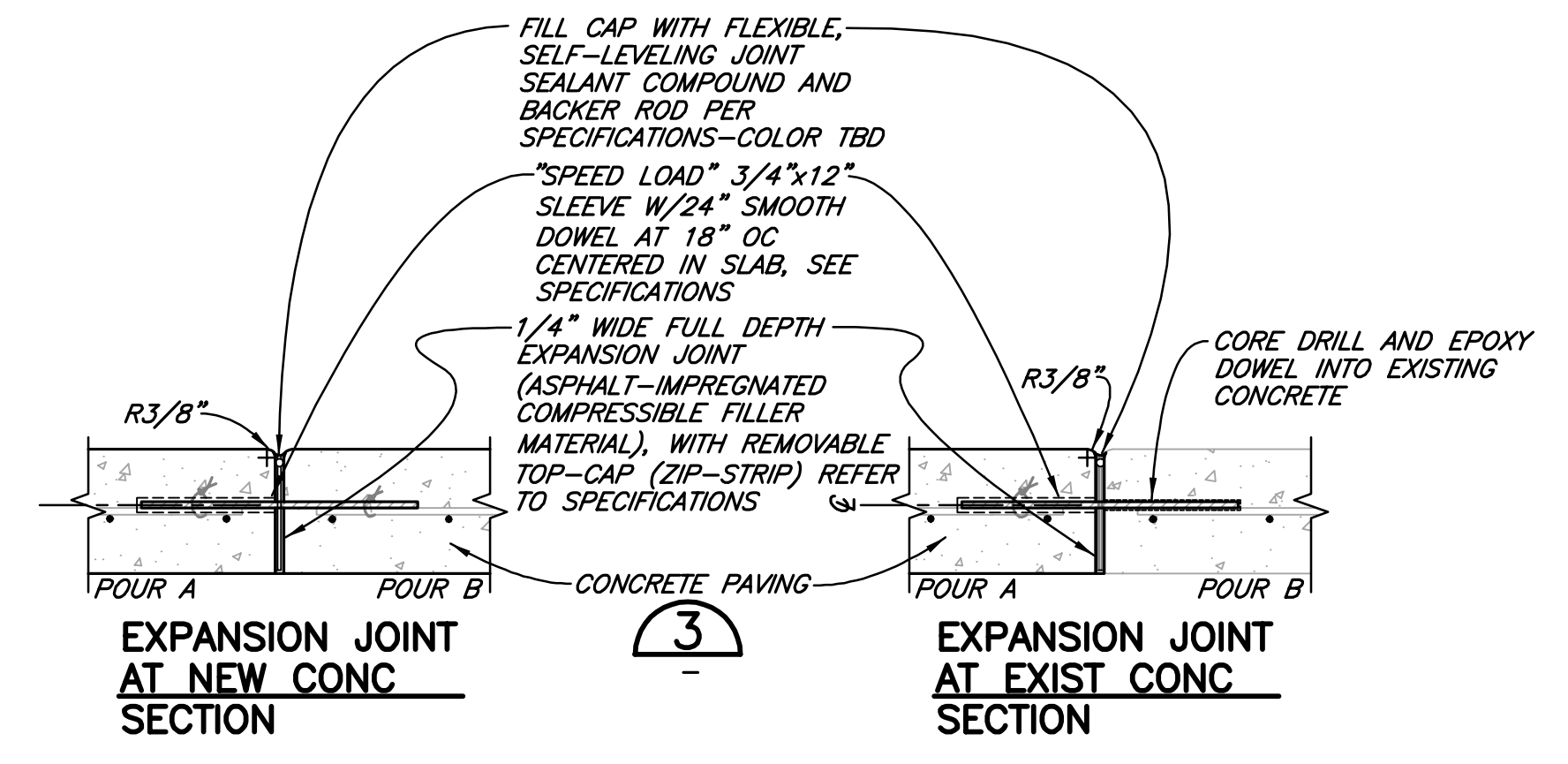
DETAIL 5
 NTS
 (CONCRETE FINISH)



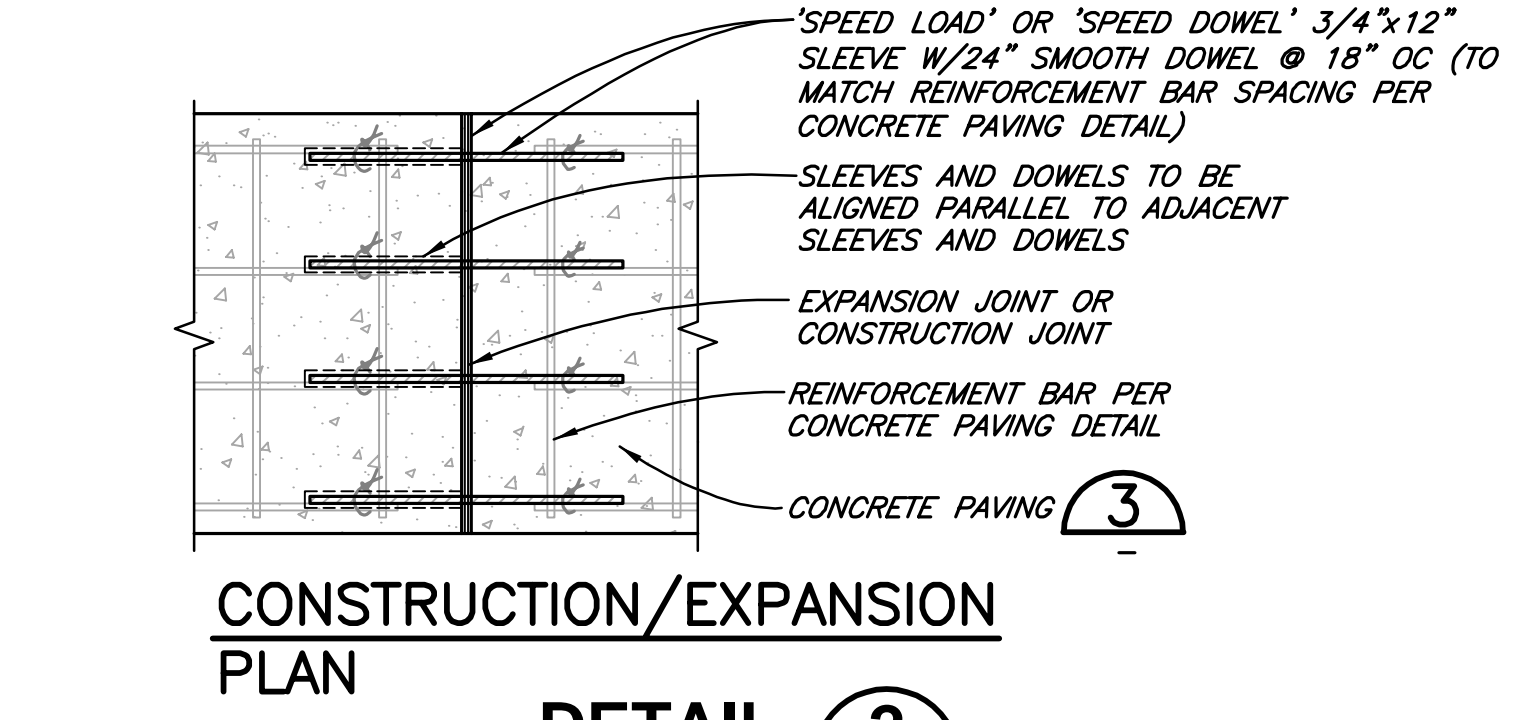
DETAIL 6
 NTS
 (THICKENED CONCRETE EDGE)



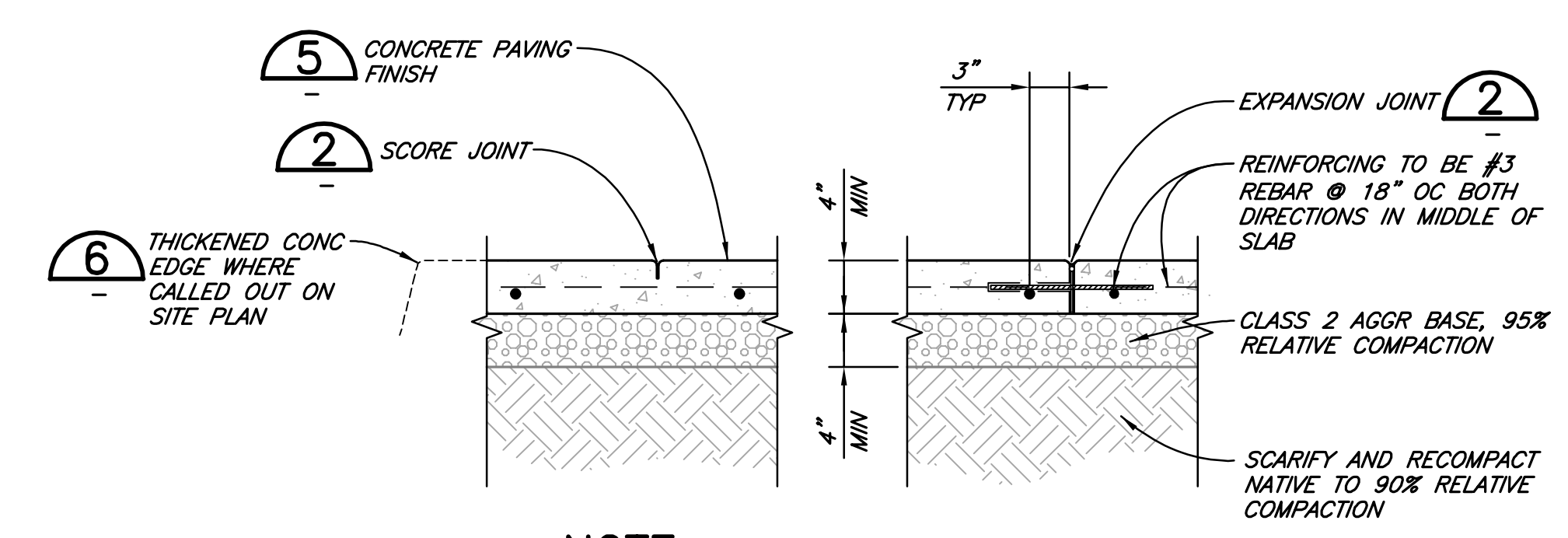
SCORE JOINT SECTION



EXPANSION JOINT AT NEW CONC SECTION

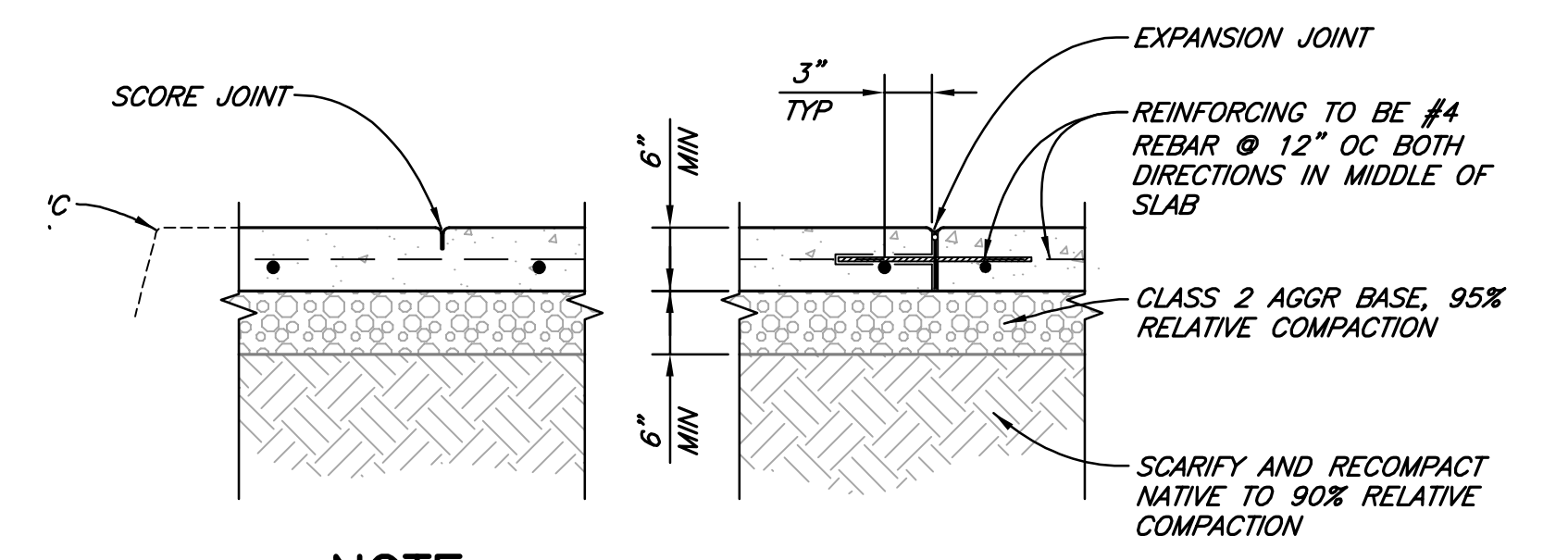


CONSTRUCTION/EXPANSION PLAN
DETAIL 2
 NTS
 (CONCRETE JOINTS)



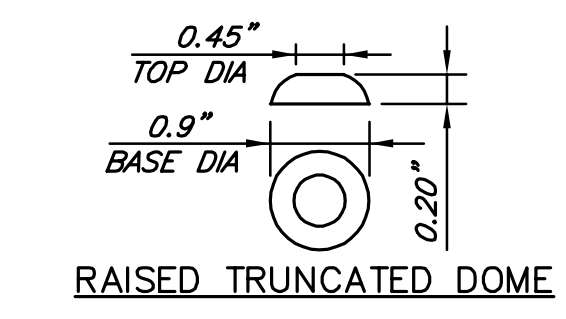
NOTE:
 PROVIDE SCORE JOINTS 5' OC AND 10' OC FOR EXPANSION JOINT UNLESS OTHERWISE NOTED.

DETAIL 3
 NTS
 (CONCRETE PAVING-PEDESTRIAN)



NOTE:
 PROVIDE SCORE JOINTS 5' OC AND 10' OC FOR EXPANSION JOINT UNLESS OTHERWISE NOTED.

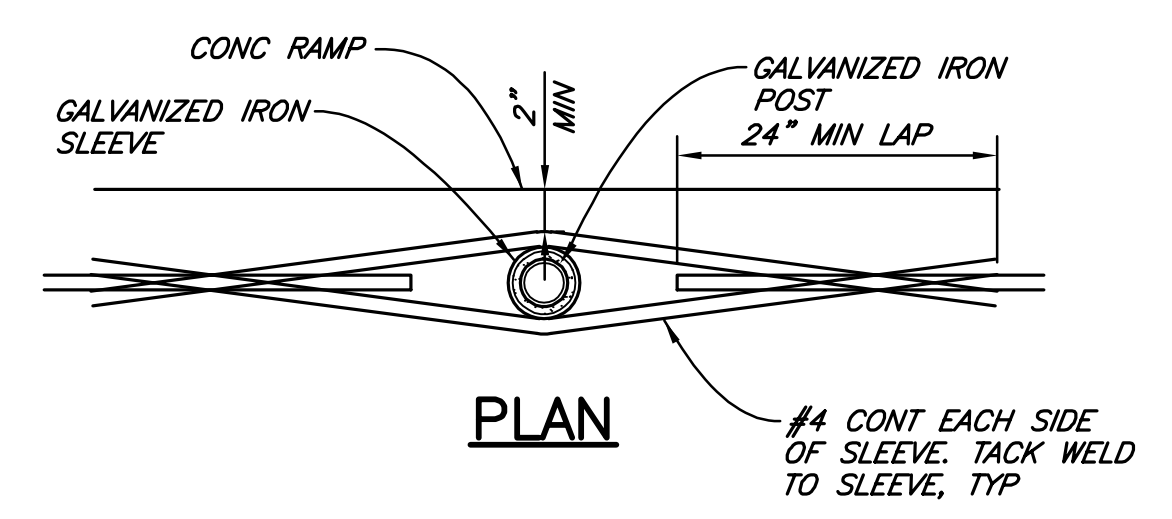
DETAIL 4
 NTS
 (CONCRETE PAVING-VEHICULAR)



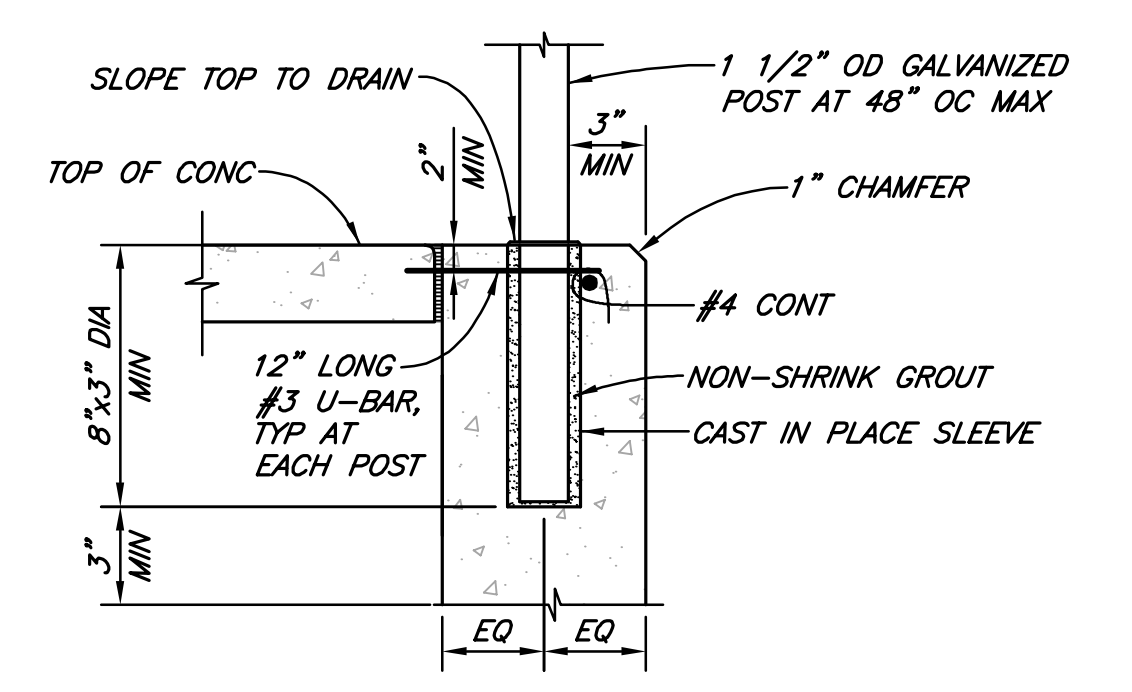
RAISED TRUNCATED DOME

- NOTES:**
- LANDING SHALL HAVE A DETECTABLE WARNING SURFACE THAT EXTENDS THE FULL WIDTH AND 3'-0" DEPTH OF THE RAMP. DETECTABLE WARNING SURFACES SHALL CONFORM TO THE DETAILS ON THIS PLAN AND THE REQUIREMENTS IN THE SPECIAL PROVISIONS.
 - IN AREAS OF NEW CONCRETE, DETECTABLE WARNING SURFACE SHALL BE RIGID STYLE AND WET SET IN CONCRETE.
 - AT EXISTING CONCRETE, CONTRACTOR SHALL INSTALL A RIGID MAT STYLE DETECTABLE WARNING SURFACE WITH AN EPOXY ADHESIVE, PER THE MANUFACTURER'S RECOMMENDATIONS. PRIOR TO INSTALLATION, CONTRACTOR SHALL SCOUR THE EXISTING CONCRETE USING A GRINDER.
 - WHEN MULTIPLE STRIPS OF TRUNCATED DOMES ARE PLACED, SPACING OF DOMES SHALL REMAIN CONSISTENT BETWEEN INDIVIDUAL STRIPS.
 - DETECTABLE WARNINGS SHALL BE LOCATED 6" MINIMUM AND 8" MAXIMUM FROM THE DEMARCATION LINE AT THE STREET OR TRAFFIC WAY.

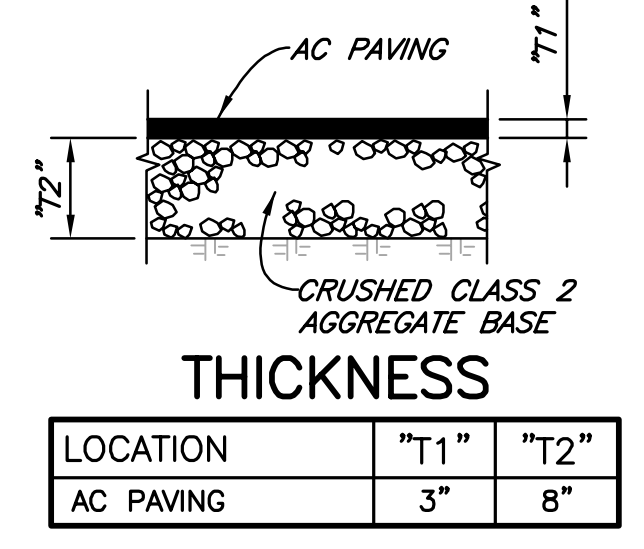
DETAIL 8
 NTS
 C2.0
 (DETECTABLE WARNING SURFACE)



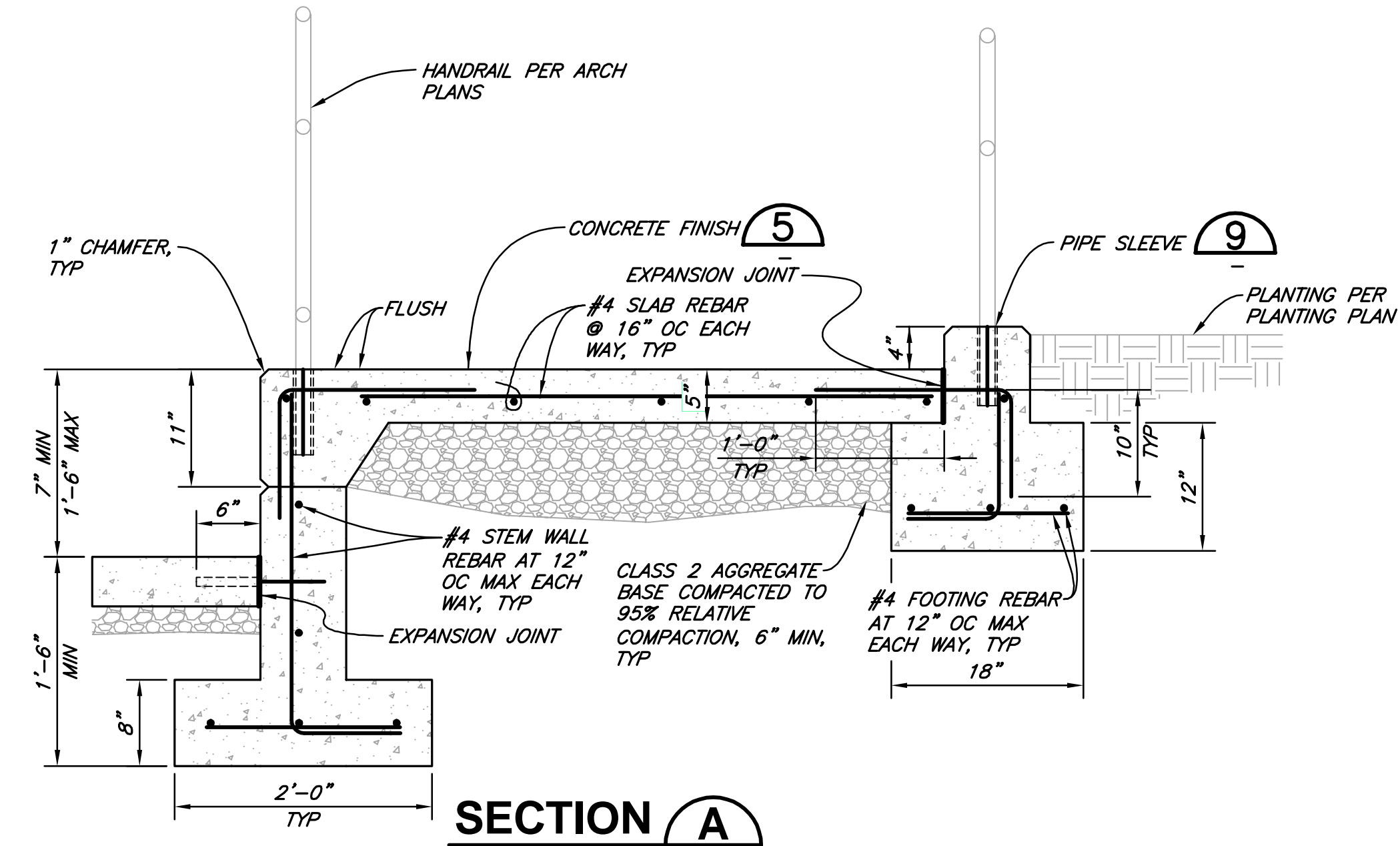
PLAN



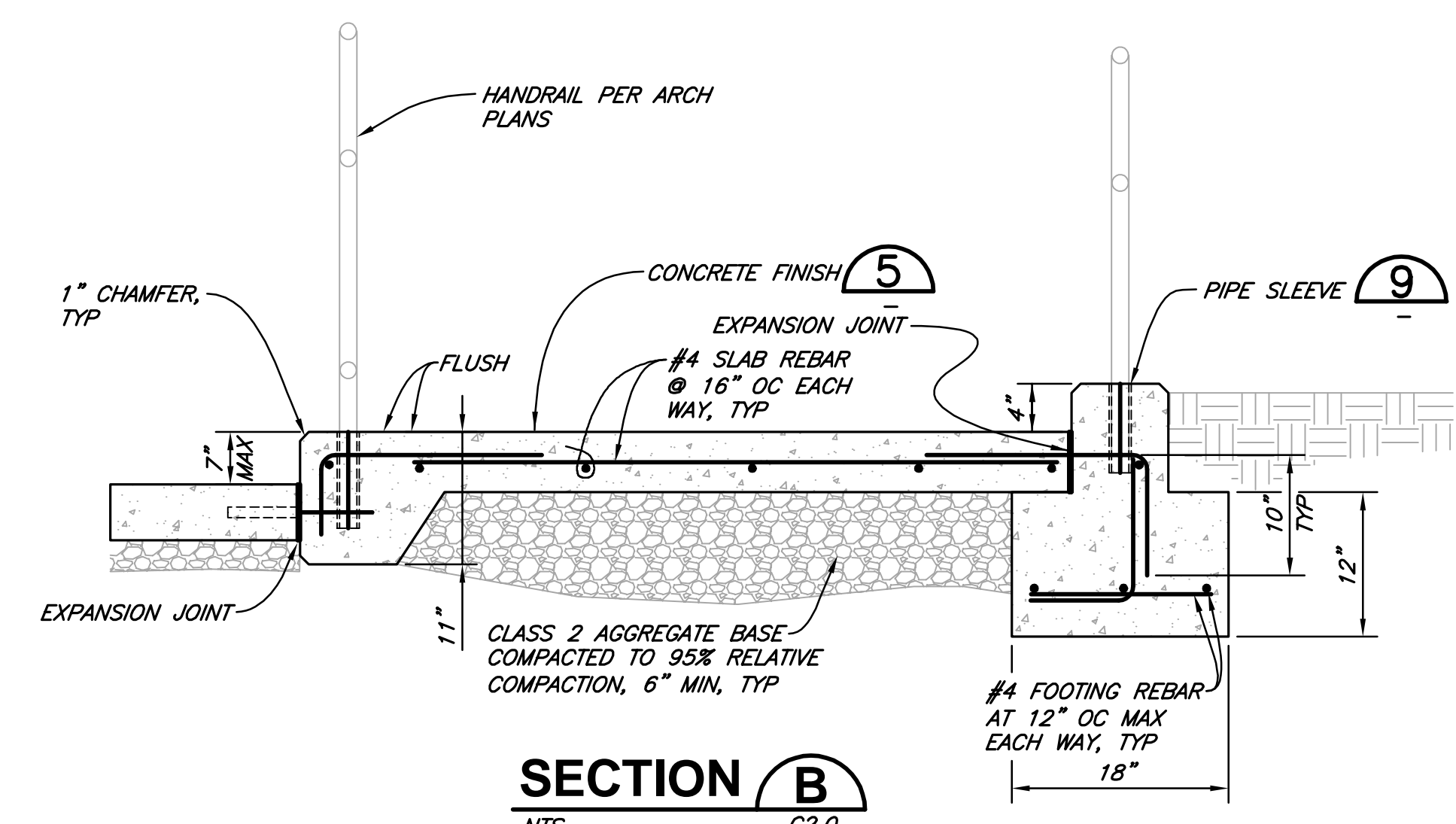
DETAIL 9
 NTS
 (PIPE SLEEVE)



DETAIL 7
 NTS
 (TYPICAL PAVING STRUCTURAL SECTION)



SECTION A
 NTS
 C2.0
 (TYP SECTION AT RAMP)



SECTION B
 NTS
 C2.0
 (TYP SECTION AT RAMP)

ORW
 ARCHITECTURE

PROFESSIONAL ENGINEER
 License: Jordan Burrows
 C 91819
 Civil Engineer
 STATE OF CALIFORNIA
 12/04/2024

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 707-441-8855

SHN

John Haynes Veterans Memorial Building
 483 Conger Street, Garberville, CA 95542
 Humboldt County, California
 APN: 032-011-006-000

PROJECT: 2318
 DATE: 12/9/2024
 ISSUE: 100% CD

No.	Description	Date

C8.0

TRUE

NORTHWEST CORNER & RAMP PLANTING:



MATTOLE POINT BUSH MONKEYFLOWER
MIMULUS AURANTIACUS 'MATTOLE POINT'



BLONDE AMBITION BLUE GRAMA GRASS
BOUTELOUA GRACILIS 'BLONDE AMBITION'



CATS PAJAMAS CATMINT
NEPETA 'CATS PAJAMAS'

ENTRY & STREET CORNER PLANTING:



VARIEGATED RED FOUNTAIN GRASS
PENNISETUM SETACEUM 'FIREWORKS'



BLUE FESCUE
FESTUCA GLAUCA



NANCY'S RED RED HOT POKER
KNIPHOFIA 'NANCY'S RED'



WHITE TRAILING LANTANA
LANTANA MONTEVIDENSIS 'ALBA'



GERMANDER SAGE
SALVIA CHAMAEDRYOIDES

COURTYARD PLANTING:



CRAPE MYRTLE
LAGERSTROEMIA INDICA 'TUSCARORA'



CRAPE MYRTLE FALL COLOR



GROSSO LAVENDER
LAVANDULA X INTERMEDIA 'GROSSO'



GERMANDER
TEUCRIMUM CHAMAEDRYS



YARROW
ACHILLEA MILLEFOLIUM 'OERLE'S ROSE'



BLUE FESCUE
FESTUCA GLAUCA



CALIFORNIA FUCHSIA
EPILOBIUM CANUM



TOYON
HETEROMELES ARBUTIFOLIA



DANNASPIRE COLUMNAR LACEBARK ELM
ULMUS PARVIFLORA 'DAVESSTRAIGHTUP'



ELM FALL COLOR



CREeping OREGON GRAPE
MAHONIA REPENS



CORSICAN HELLEBORE
HELLEBORUS ARGUTIFOLIUS



AUTUMN JOY SEDUM
SEDUM X 'AUTUMN JOY'



CRIMSON FIRE FRINGE FLOWER
LOROPETALUM CHINENSE RUBRUM 'CRIMSON FIRE'



LOROPETALUM FLOWER

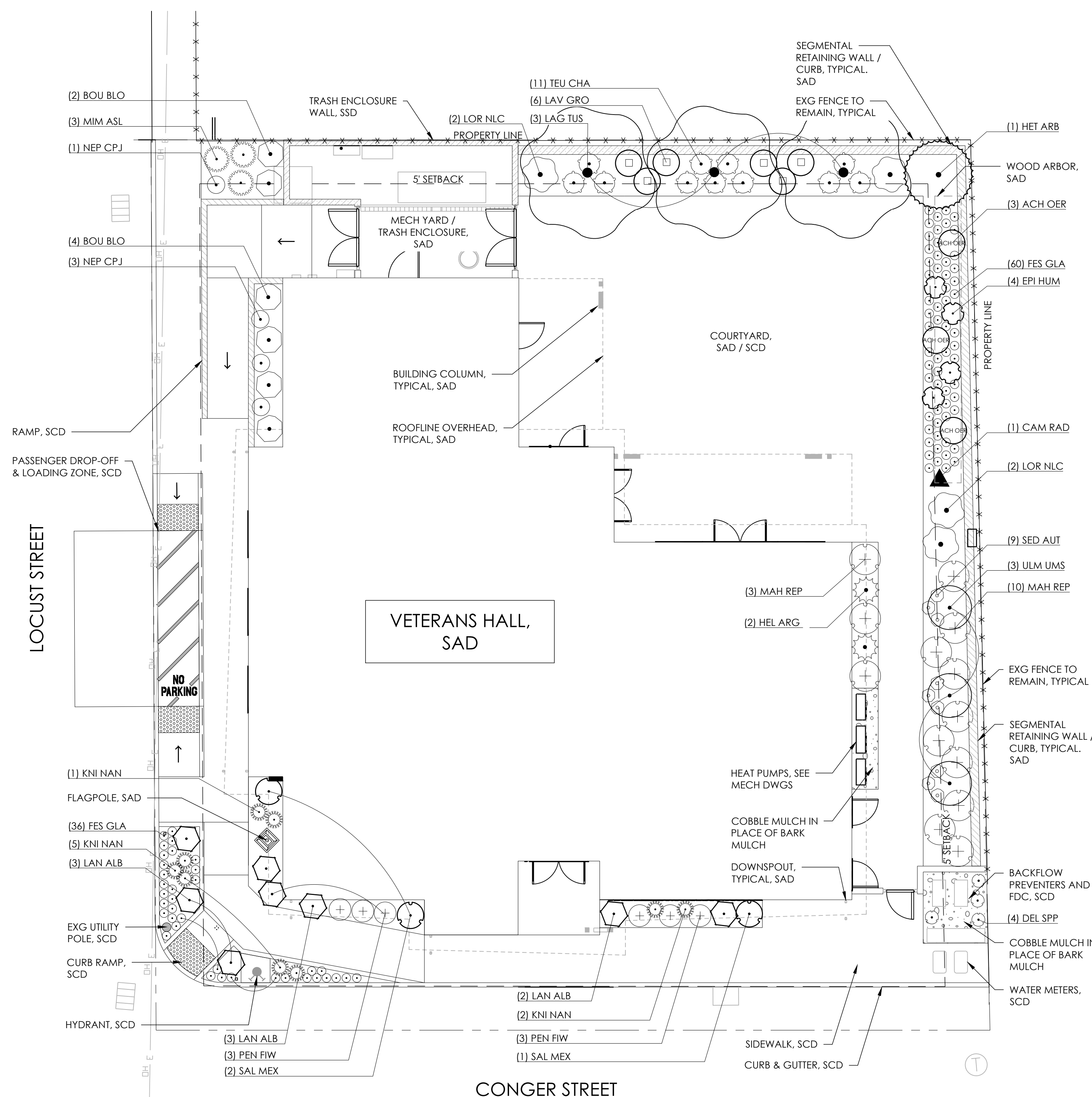


TRUMPET VINE
CAMPSIS RADICANS

SOUTHEAST CORNER PLANTING:



ICE PLANT WITH COBBLE MULCH
DELOSPERMA SPECIES



PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	WATER USE	QTY	REMARKS
TREES							
(Symbol)	LAG TUS	LAGERSTROEMIA INDICA X FAURIEI 'TUSCARORA'	TUSCARORA CRAPE MYRTLE	1-1/2" CAL	L	3	
(Symbol)	ULM UMS	ULMUS PARVIFOLIA 'DAVESSTRAIGHTUP'	DANNASPIRE® COLUMNAR LACEBARK ELM	1-1/2" CAL	L	3	NARROW, COLUMNAR VARIETY
SHRUBS							
(Symbol)	ACH OER	ACHILLEA MILLEFOLIUM 'OERTEL'S ROSE'	OERTEL'S ROSE COMMON YARROW	1 GAL	L	3	FULL MATCHED PLANTS
(Symbol)	BOU BLO	BOUTELOUA GRACILIS 'BLONDE AMBITION'	BLONDE AMBITION BLUE GRAMA	1 GAL	L	6	FULL MATCHED PLANTS
(Symbol)	CAM RAD	CAMPIS RADICANS	TRUMPET CREEPER	1 GAL	L	1	FULL PLANT, TRAIN ONTO ARBOR
(Symbol)	DEL SPP	DELOSPERMA SPP	ICE PLANT	1 GAL	L	4	FULL MATCHED PLANTS
(Symbol)	EPI HUM	EPILOBIUM CANUM	CALIFORNIA FUCHSIA	1 GAL	L	4	FULL MATCHED PLANTS
(Symbol)	FES GLA	FESTUCA GLAUCA	BLUE FESCUE	1 GAL	L	98	FULL MATCHED PLANTS
(Symbol)	HEL ARG	HELLEBORUS ARGUTIFOLIUS	CORSICAN HELLEBORE	1 GAL	L	2	FULL MATCHED PLANTS
(Symbol)	HET ARB	HETEROMELES ARBUTIFOLIA	TOYON	5 GAL	L	1	FULL MATCHED PLANTS
(Symbol)	KNI NAN	KNIPHOFIA X 'NANCY'S RED'	NANCY'S RED RED HOT POKER	1 GAL	L	9	FULL MATCHED PLANTS
(Symbol)	LAN ALB	LANTANA MONTEVIDENSIS 'ALBA'	WHITE TRAILING LANTANA	1 GAL	L	8	FULL MATCHED PLANTS
(Symbol)	LAV GRO	LAVANDULA X INTERMEDIA 'GROSSO'	GROSSO LAVENDIN	1 GAL	L	6	FULL MATCHED PLANTS
(Symbol)	LOR NLC	LOROPETALUM CHINENSE RUBRUM 'PHIL-C'	CRIMSON FIRE™ FRINGE FLOWER	1 GAL	L	4	FULL MATCHED PLANTS
(Symbol)	MAH REP	MAHONIA REPENS	CREeping MAHONIA	1 GAL	L	13	FULL MATCHED PLANTS
(Symbol)	MIM ASL	MIMULUS AURANTIACUS 'MATTOLE POINT'	MATTOLE POINT STICKY MONKEYFLOWER	1 GAL	L	3	FULL MATCHED PLANTS
(Symbol)	NEP CPJ	NEPETA X 'CATS PAJAMAS'	CAT'S PAJAMAS CATMINT	1 GAL	L	4	FULL MATCHED PLANTS
(Symbol)	PEN FIW	PENNISETUM SETACEUM 'FIREWORKS'	FIREWORKS FOUNTAIN GRASS	1 GAL	L	6	FULL MATCHED PLANTS
(Symbol)	SAL MEX	SALVIA CHAMAEDRYOIDES	GERMANDER SAGE	1 GAL	L	3	FULL MATCHED PLANTS
(Symbol)	SED AUT	SEDUM X 'AUTUMN JOY'	AUTUMN JOY SEDUM	1 GAL	L	9	FULL MATCHED PLANTS
(Symbol)	TEU CHA	TEUCRIMUM CHAMAEDRYS	GERMANDER	1 GAL	L	11	FULL MATCHED PLANTS

- PLANTING NOTES**
- PLANTS SHALL BE LOW WATER USE, LOW MAINTENANCE, DROUGHT TOLERANT, AND FIREWISE.
 - LANDSCAPE SHALL COMPLY WITH THE MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELCO) AS ADOPTED BY THE COUNTY OF HUMBOLDT.
 - ALL PLANTS SHALL BE CLIMATE ADAPTED PLANTS THAT REQUIRE OCCASIONAL, LITTLE OR NO SUMMER WATER.
 - PLANTINGS SHALL BE GROUPED INTO HYDROZONES BASED ON MICROCLIMATE, SOIL TYPE, PLANT TYPE, AND WATER USE CLASSIFICATION (SEE WUCOLS: WWW.UCLR.EDU/SITES/WUCOLS/).
 - ALL LANDSCAPE PLANTING AREAS SHALL RECEIVE CLEAN, SANDY LOAM TOPSOIL TO A MINIMUM DEPTH OF 12" OR AS NOTED ON THE PLAN.
 - ALL PLANTING AREAS SHALL RECEIVE 3" OF UNSETTLED ORGANIC MULCH, EXCEPT TURF AREAS OR DIRECT SEEDING APPLICATIONS WHERE MULCH IS CONTRAINDICATED.
 - MATURE COMPOST SHALL BE ADDED TO THE TOPSOIL OF LANDSCAPING AREAS AT A RATE OF FOUR (4) CUBIC YARDS OF COMPOST PER 1,000 SQUARE FEET, INTO THE TOP SIX INCHES (6") OF SOIL IN LANDSCAPE AREA TO BE PLANTED.
 - ALL IRRIGATED AREAS SHALL BE SERVED BY A DESIGNATED DOMESTIC WATER METER AND BACKFLOW PREVENTION DEVICE.
 - THE IRRIGATION SYSTEM WILL PROVIDE A FULLY AUTOMATIC IRRIGATION CONTROLLER THAT WILL MEET THE REQUIREMENTS OF THE COUNTY OF HUMBOLDT.
 - THE PROPOSED IRRIGATION SYSTEM WILL CONSIST OF LOW VOLUME DISTRIBUTION.

SYMBOLS LEGEND

(Symbol)	COBBLE MULCH - 2"-4" NOIYO COBBLE (WASHED RIVER ROCK) FROM SHAMROCK MATERIALS OR APPROVED EQUAL
(Symbol)	AREA: APPROX. 55 SQ FT, WHERE SHOWN ON PLAN

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REGISTERED LANDSCAPE ARCHITECT
REG. # 0596
Piper van Chamier
OREGON 03/11/2004

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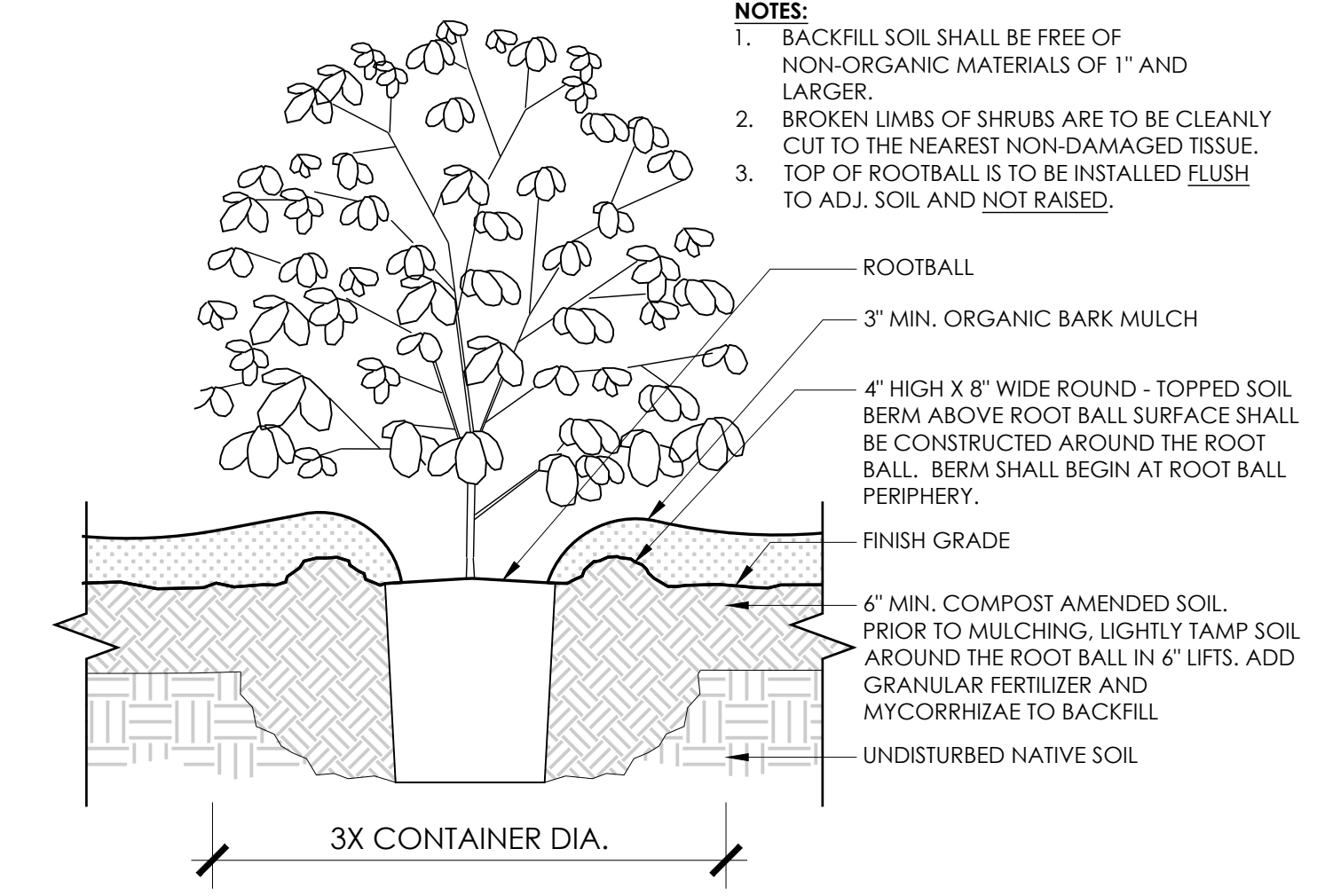
John Haynes Veterans Memorial Building
483 Conger Street, Garberville, CA 95542
Humboldt County, California
APN: 032-011-006-000

PLANTING PLAN

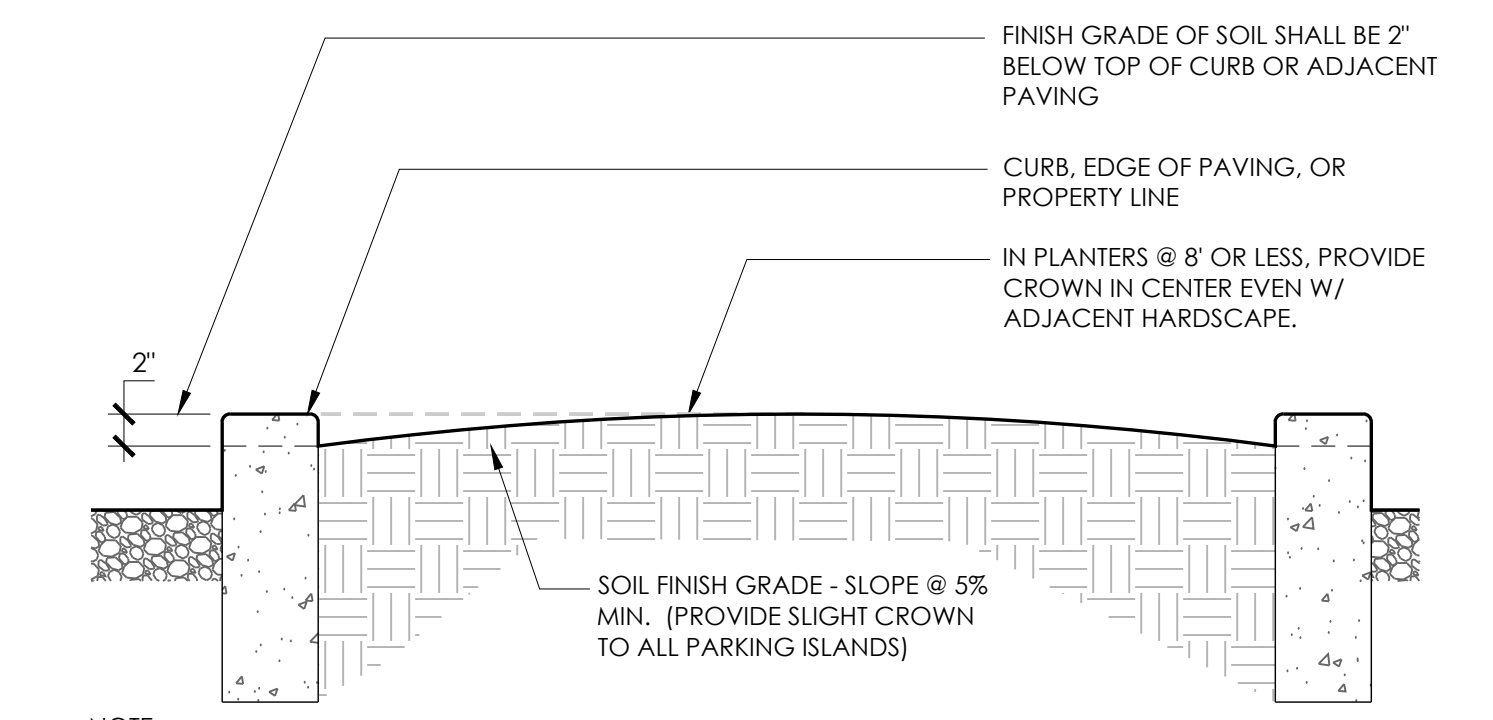
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DATE: 11/09/2024
ISSUE: 100% CD

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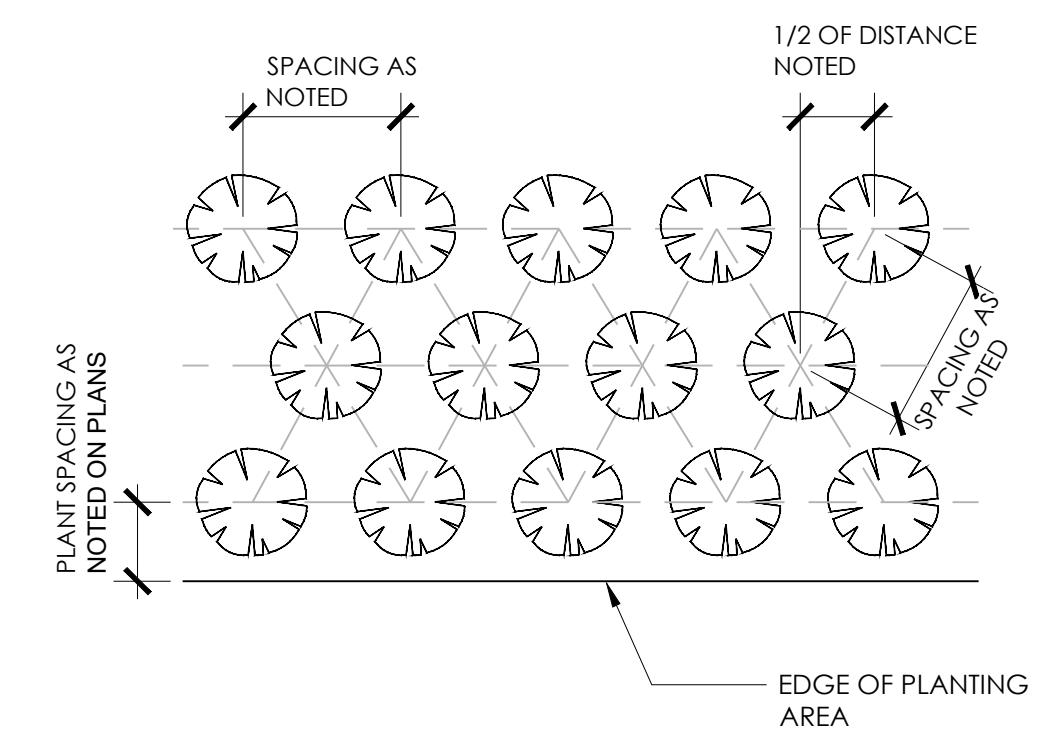


3 SECTION: SHRUB & GROUND COVER PLANTING
Scale: 1" = 1'-0"
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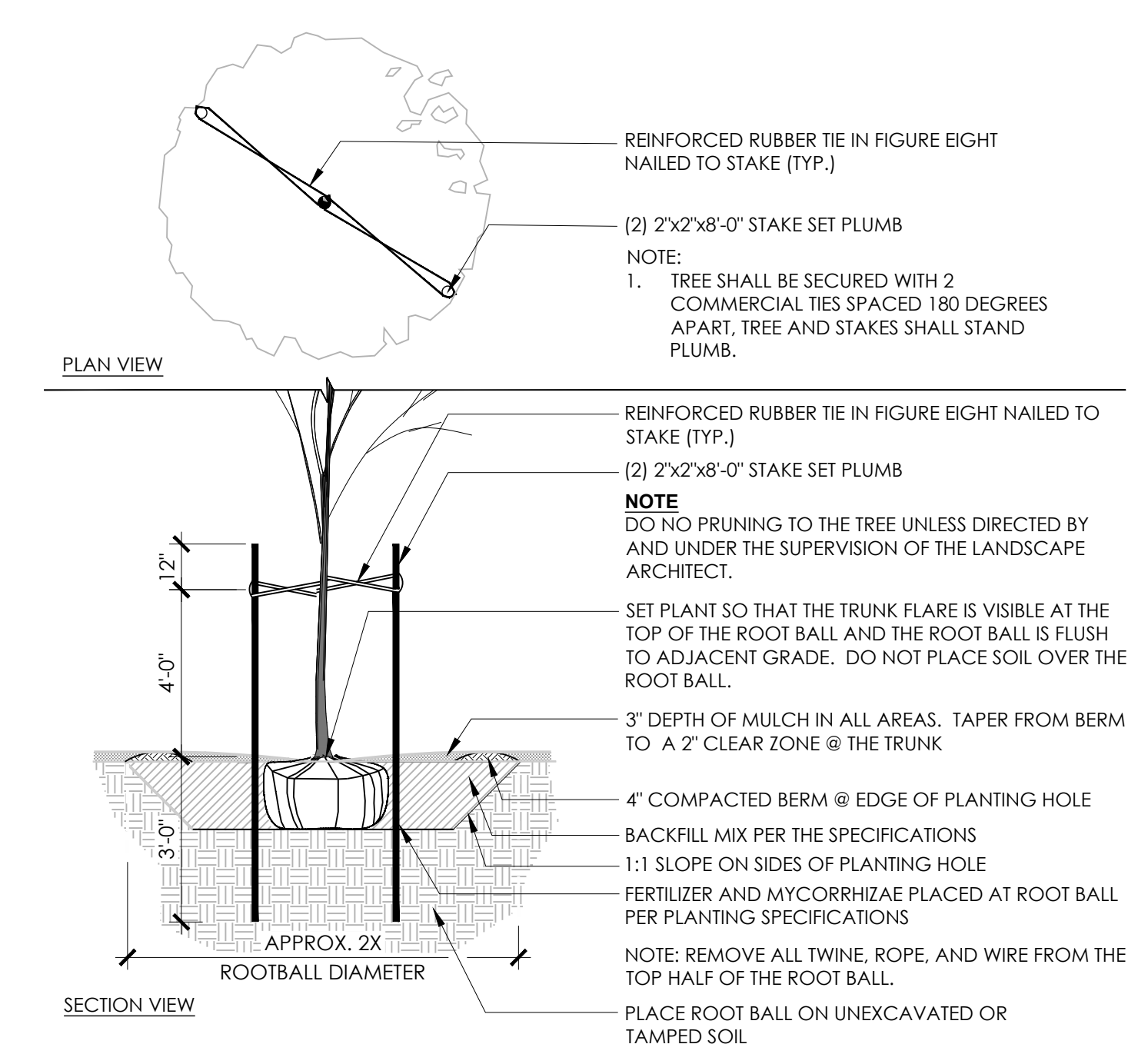


2 SECTION: SOIL PROFILE IN ISOLATED PLANTERS
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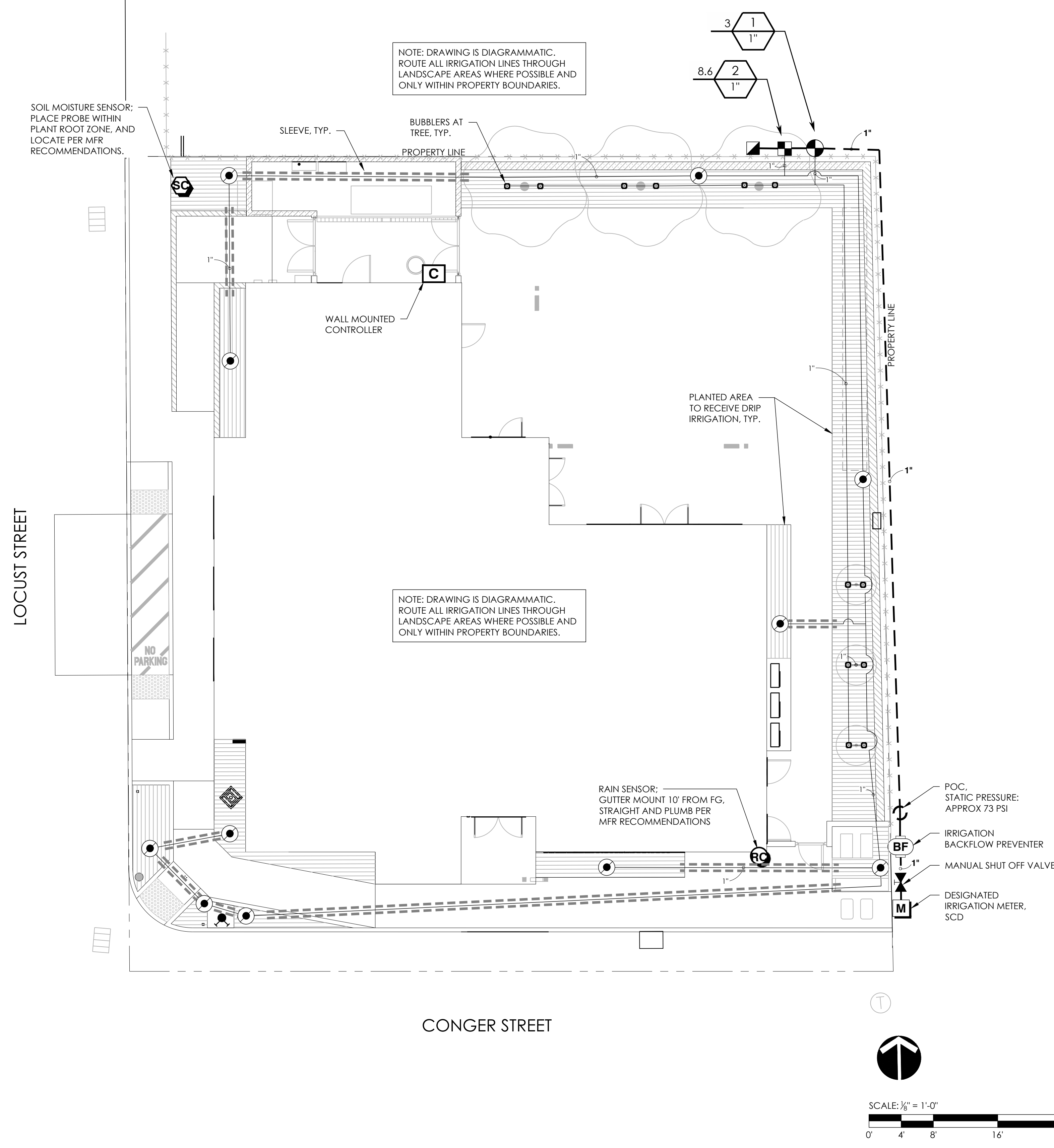
PLANT SPACING	MULTIPLICATION TABLE X FACTOR
12" O.C.	1.156 (X AREA)
18" O.C.	0.513
24" O.C.	0.289
30" O.C.	0.184
36" O.C.	0.128
48" O.C.	0.072



4 PLAN: SHRUB & GROUND COVER PLANTING LAYOUT
Scale: NTS
11.1 planting_details.dwg



1 DETAIL: TREE PLANTING & STAKING
Scale: 1/2" = 1'-0"
11.1 planting_details.dwg



- ### IRRIGATION NOTES
- THE IRRIGATION SYSTEM IS DESIGNED TO MEET THE IRRIGATION EFFICIENCY CRITERIA OF THE MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWLEO).
 - PIPING LAYOUT IS DIAGRAMMATIC ONLY. RUN ALL IRRIGATION LINES AND OTHER WORK WITHIN PROPERTY BOUNDARIES.
 - ROUTE PIPING IN PLANTERS AND AVOID UTILITIES AND STRUCTURES. LAYOUT SHALL FOLLOW AS CLOSELY AS PRACTICAL THE SCHEMATIC DESIGN ON THE DRAWINGS. MAKE NO SUBSTANTIAL CHANGES WITHOUT PRIOR APPROVAL FROM THE OWNER'S REPRESENTATIVE.
 - PROVIDE AN AUTOMATIC IRRIGATION CONTROLLER WHICH UTILIZES EVAPOTRANSPIRATION OR SOIL MOISTURE DATA AND A RAIN SENSOR. SEE IRRIGATION PLAN LEGEND FOR CONTROLLER.
 - EACH VALVE SHALL IRRIGATE A HYDROZONE WITH SIMILAR SITE, SOLE, SUN EXPOSURE, SOIL CONDITIONS, AND PLANT MATERIALS WITH SIMILAR WATER USE.
 - WHERE FEASIBLE, TREES SHALL BE PLACED ON SEPARATE VALVES FROM SHRUBS, GROUNDCOVERS, AND TURF TO FACILITATE THE APPROPRIATE IRRIGATION OF TREES. THE MATURE SIZE AND EXTENT OF THE ROOT ZONE SHALL BE CONSIDERED WHEN DESIGNING IRRIGATION FOR THE TREE.
 - THE COUNTY OF HUMBOLDT TO REVIEW AND APPROVE ALL LANDSCAPE RELATED ITEMS PRIOR TO BEGINNING LANDSCAPE INSTALLATION.
 - REVIEW SPECIFICATION SECTION 328400 FOR ALL ASPECTS OF THE IRRIGATION SYSTEM INSTALLATION.
 - MAINTAIN AT JOB SITE ONE (1) COPY OF DRAWINGS, SPECIFICATIONS, ADDENDA, AND APPROVED SHOP DRAWINGS, CHANGE ORDERS, AND OTHER PROJECT DOCUMENTS.
 - RECORD ACTUAL LOCATION OF ALL CONCEALED COMPONENTS, PIPING SYSTEM, CONDUIT AND SLEEVE LOCATIONS. KEEP THIS DOCUMENT CURRENT. DO NOT PERMANENTLY CONCEAL ANY WORK UNTIL REQUIRED INFORMATION HAS BEEN RECORDED. FURNISH TWO (2) COPIES OF RECORD DRAWINGS TO THE OWNER. REDUCE ONE COPY OF RECORD DRAWING TO FIT INSIDE CONTROLLER LID. LAMINATE REDUCED COPY.
 - ALL WORK SHALL BE INSTALLED BY COMPETENT WORKMEN EXPERIENCED IN TRADE IN A NEAT AND ORDERLY MANNER ACCEPTABLE TO THE OWNER'S REPRESENTATIVE.
 - CONFORM TO ALL PERTINENT CODES AND REGULATIONS. COMPLY WITH THE LATEST RULES OF THE NATIONAL ELECTRICAL CODE AND THE AMERICAN MASTER PLUMBERS CODE.
 - VERIFY THAT FIELD CONDITIONS ARE AS INDICATED ON DRAWINGS. NOTIFY THE OWNER'S REPRESENTATIVE IF DISCREPANCIES ARE OBSERVED.
 - NOTIFY OWNER'S REPRESENTATIVE 48 HOURS IN ADVANCE OF ALL SITE OBSERVATION VISITS REQUIRED BY THE OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL BE PRESENT AT EACH SITE OBSERVATION VISIT. REQUIRED VISITS INCLUDE: PRESSURE TEST AFTER MAINLINE LAID, AFTER NON-PRESSURIZED LINES PRIOR TO BACKFILL, AND FINAL OPERATION OF ALL IRRIGATION STATIONS INCLUDING HEAD TO HEAD COVERAGE.
 - IRRIGATION PIPE, HEADS, VALVES, BACKFLOW DEVICE AS NOTED ON LEGEND.
 - VERIFY LOCATION OF EXISTING UTILITIES PRIOR TO BEGINNING WORK. THE PLAN.
 - COORDINATE ALL IRRIGATION EQUIPMENT LOCATIONS WITH OTHER CONTRACTORS. NOTIFY THE OWNER'S REPRESENTATIVE IF CONFLICTS ARE ENCOUNTERED.
 - ALL SPRINKLER HEADS ALONG SIDEWALKS SHALL BE TWO INCHES FROM SIDEWALKS.
 - PIPE DEPTH - LATERAL LINES - 12 INCH MINIMUM; MAINLINE - 18 INCH MINIMUM.
 - BOTTOM OF TRENCHES AND BACKFILL MATERIAL SHALL BE FREE OF ROCKS, CLODS, AND OTHER SHARP OBJECTS. SNAKE PIPE FROM SIDE TO SIDE AT TRENCH BOTTOM TO ALLOW EXPANSION / CONTRACTION.
 - DO NOT INSTALL HEADS UNTIL LINES HAVE BEEN THOROUGHLY FLUSHED AND PRESSURE TESTED.
 - SHUT OFF VALVES ARE REQUIRED AT EACH POINT OF CONNECTION, VALVE BOX, AND AT EVERY LOCATION WHERE THE MAINLINE PASSES UNDER 20 FEET OF PAVEMENT.
 - A MANUAL DRAIN MUST BE INSTALLED AT THE LOW SPOT OF EACH ZONE. THE DRAIN SHOULD BE A BRASS MANUAL ANGLE VALVE WITH "T" STEM. DRAINS LOCATED ON LATERAL LINES SHALL BE 1" SIZE.
 - COORDINATE WIRE AND CONDUIT LOCATIONS BETWEEN ELECTRIC CONTROL VALVES AND THE ELECTRIC CONTROLLER.
 - UPON COMPLETION OF ALL SYSTEMS, THE CONTRACTOR SHALL PERFORM A COVERAGE TEST TO DETERMINE THAT WATER IS BEING APPLIED CORRECTLY AND ADEQUATELY TO ALL PLANTINGS. CHANGE ANY HEADS, NOZZLES, OR ORIFICES AS MAY BE REQUIRED TO PROVIDE COVERAGE AS INDICATED ON THE DRAWINGS. PROMPTLY ADJUST HEADS TO KEEP WATER OFF BUILDINGS AND STRUCTURES WITH MINIMAL SPRAY ON PAVED SURFACES.
 - ALL SPRAY HEADS ADJACENT TO HARDSCAPE TO BE ON 6" POP-UPS. ALL OTHER SPRAY HEADS TO BE ON 12" POP-UPS.
 - PRECIPITATION RATES MUST BE UNIFORM ACROSS EACH ZONE.
 - EMITTERS MUST BE FIXED RATE AND OF THE SAME TYPE WITHIN A ZONE. NO VARIABLE OR ADJUSTABLE FLOW RATE EMITTERS ARE ALLOWED. MIXING EMITTERS WITHIN A ZONE IS NOT ALLOWED.
 - OVERHEAD SPRAY IS NOT ALLOWED IN AREAS LESS THAN TEN FEET ACROSS IN ANY DIMENSION.
 - OVERHEAD SPRAY NOZZLES MUST BE SET BACK A MINIMUM OF TWO FEET FROM ADJACENT IMPERVIOUS SURFACES.

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
(10) L2.1	HUNTER RZWS-18-25-CV 1/2IN. LONG RZWS WITH INSTALLED .25 GPM. CHECK VALVE. 1/2IN. SWING JOINT FOR CONNECTION TO 1/2IN. PIPE. CONTRACTOR TO INSTALL WITH RZWS-SLEEVE. TYPICAL.	12	30
(11) L2.1	HUNTER ICZ-101-40-LF 1" DRIP CONTROL ZONE KIT. 1IN. ICV GLOBE VALVE WITH 1IN. HY100 FILTER SYSTEM. PRESSURE REGULATION: 40 PSI. FLOW RANGE: .5 GPM - 15 GPM. 150 MESH STAINLESS STEEL SCREEN.	1	
(8) L2.1	PIPE TRANSITION POINT IN DRIP BOX PIPE TRANSITION POINT FROM PVC LATERAL TO DRIP TUBING WITH RISER IN 4IN. DRIP BOX.	11	
(7) L2.2, (12) L2.1, (9) L2.1, (8) L2.1	AREA TO RECEIVE DRIPLINE HUNTER HDL-06-18-CV HDL-06-18-CV: HUNTER DRIPLINE W/ 0.6 GPH EMITTERS AT 18" O.C. CHECK VALVE, DARK BROWN TUBING WITH GRAY STRIPING. DRIPLINE LATERALS SPACED AT 18" APART. WITH EMITTERS OFFSET FOR TRIANGULAR PATTERN. INSTALL WITH HUNTER PLD BARBED OR PLD-LOC FITTINGS.	1,289	L.F.
(6) L2.1	HUNTER ICV-G 1" 1IN., 1-1/2IN., 2IN., AND 3IN. PLASTIC ELECTRIC REMOTE CONTROL VALVES. GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET. FOR COMMERCIAL/MUNICIPAL USE.	1	
(1) L2.2	HUNTER HQ-44LRC 1" QUICK COUPLER VALVE. YELLOW RUBBER LOCKING COVER. 1/2" BRASS AND STAINLESS STEEL. WITH 1IN. NPT INLET, 2-PIECE BODY.	1	
(3) L2.2, (1) L2.1	SHUT OFF VALVE BALL VALVE, LINE SIZE. HUNTER ICV-G 1" 1IN., 1-1/2IN., 2IN., AND 3IN. PLASTIC ELECTRIC MASTER VALVE. GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET. FOR COMMERCIAL/MUNICIPAL USE.	1	
(1) L2.1, (1) L2.1, (5) L2.1	ZURN 500XL PRESSURE REDUCING VALVE 1" PRESSURE REDUCING VALVE, CAST BRONZE ASSEMBLY ZURN 350XL BACKFLOW PREVENTER 1" DOUBLE CHECK VALVE ASSEMBLY W/ EZSWAP INSERT.	1	
(2) L2.1	HUNTER PHC-600 WH-FI ENABLED, FULL-FUNCTIONING CONTROLLER WITH TOUCHSCREEN. 6-STATION FIXED CONTROLLER, 120 VAC, OUTDOOR MODEL.	1	
(8) L2.2, (6) L2.2	HUNTER RAIN-CLK-SGM RAIN SENSOR, WITH CONDUIT INSTALLATION, MOUNT AS NOTED. NORMALLY CLOSED SWITCH. WITH GUTTER MOUNT. HUNTER SOIL-CLK THE SOIL-CLK PROBE USES PROVEN TECHNOLOGY TO MEASURE MOISTURE WITHIN THE ROOT ZONE. WHEN THE PROBE SENSES THAT THE SOIL HAS REACHED ITS DESIRED MOISTURE LEVEL, IT WILL SHUT DOWN IRRIGATION, PREVENTING WATER WASTE.	1	
(2) L2.2, (1) L2.1	HUNTER HC-075-FLOW 3/4IN. FLOW METER FOR USE WITH HYDRAWISE ENABLED CONTROLLER TO MONITOR FLOW AND PROVIDE SYSTEM ALERTS. ALSO FUNCTIONS AS STAND ALONE FLOW TOTALIZER/SUB METER ON ANY RESIDENTIAL OR COMMERCIAL IRRIGATION SYSTEM.	1	
(1) L2.1	WATER METER 3/4"	1	
---	IRRIGATION LATERAL LINE: PVC SCHEDULE 40 1"	463.8	L.F.
---	IRRIGATION MAINLINE: PVC SCHEDULE 40	11.8	L.F.
---	IRRIGATION MAINLINE: PVC SCHEDULE 40 1"	98.2	L.F.
---	PIPE SLEEVE: PVC SCHEDULE 40	155.8	L.F.

VALVE SCHEDULE

NUMBER	MODEL	SIZE	TYPE	GPM	PIPE 1"	WIRE	PSI	PSI @ POC	PRECIP
1	HUNTER ICV-G	1"	BUBBLER	3	121.9	51.1	32.3		1.07 in/h
2	HUNTER ICZ-101-40-LF	1"	AREA FOR DRIPLINE	8.6	342.0	47.3	37.9		1.02 in/h

Common Wire

CRITICAL ANALYSIS

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P.O.C. NUMBER: 01
Water Source Information:

FLOW AVAILABLE
Water Meter Size: 3/4"
Flow Available: 22.5 GPM

PRESSURE AVAILABLE
Static Pressure at POC: 73 PSI
Elevation Change: 2.00 ft
Service Line Size: 3"
Length of Service Line: 20 ft
Pressure Available: 72 PSI

DESIGN ANALYSIS
Maximum Station Flow: 8.78 GPM
Flow Available at POC: 22.5 GPM
Residual Flow Available: 13.72 GPM

Critical Station: 2
Design Pressure: 30 PSI
Friction Loss: 0.67 PSI
Fittings Loss: 0.07 PSI
Elevation Loss: 0 PSI
Loss through Valve: 7.16 PSI
Pressure Req. at Critical Station: 38.0 PSI
Loss for Fittings: 0.22 PSI
Loss for Main Line: 2.16 PSI
Loss for POC to Valve Elevation: 0 PSI
Loss for Backflow: 0 PSI
Loss for Water Meter: 1.23 PSI
Critical Station Pressure at POC: 41.7 PSI
Pressure Available: 72 PSI
Residual Pressure Available: 30.3 PSI



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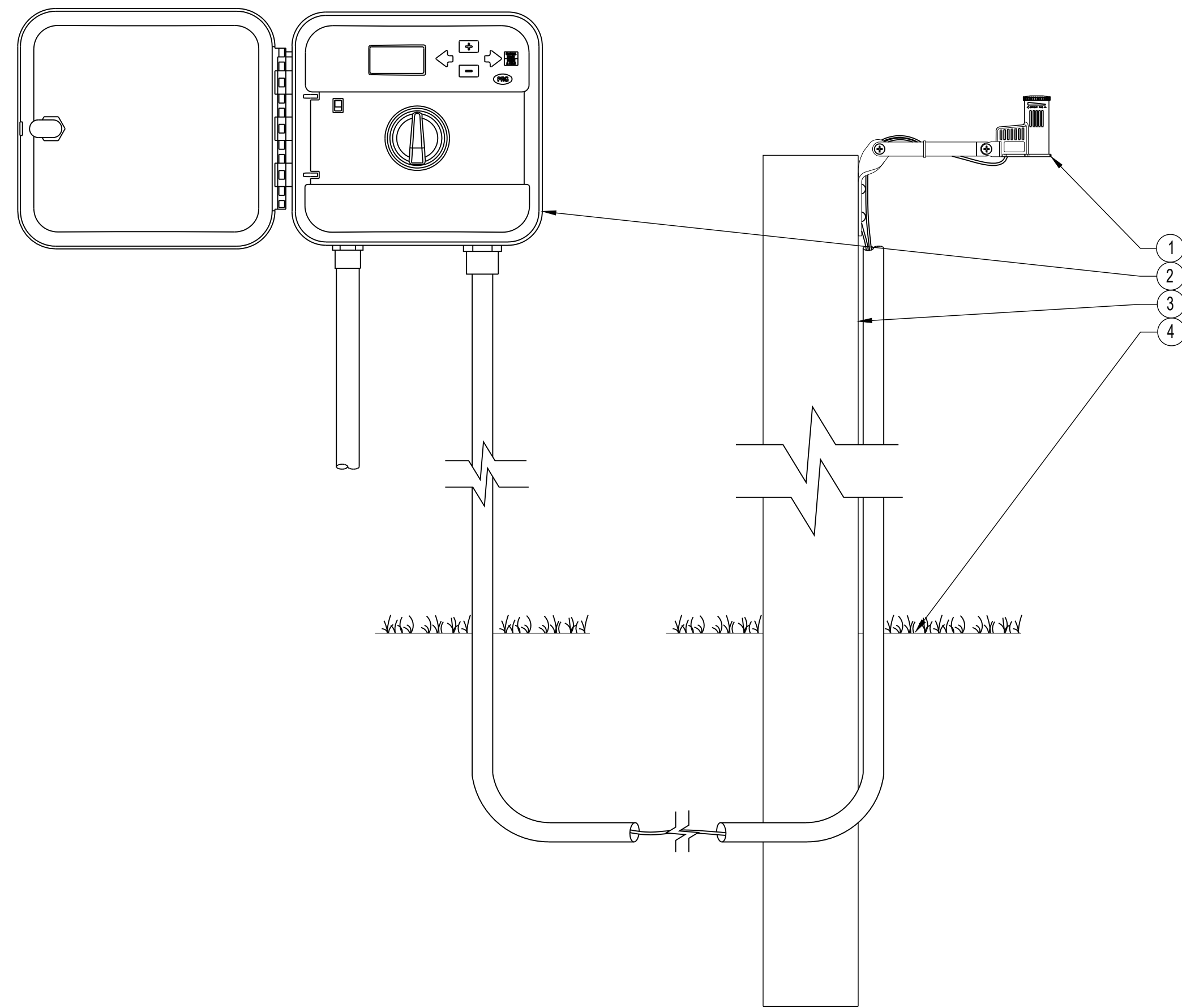
John Haynes Veterans Memorial Building
483 Conger Street, Garberville, CA 95642
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APN: 032-011-006-000

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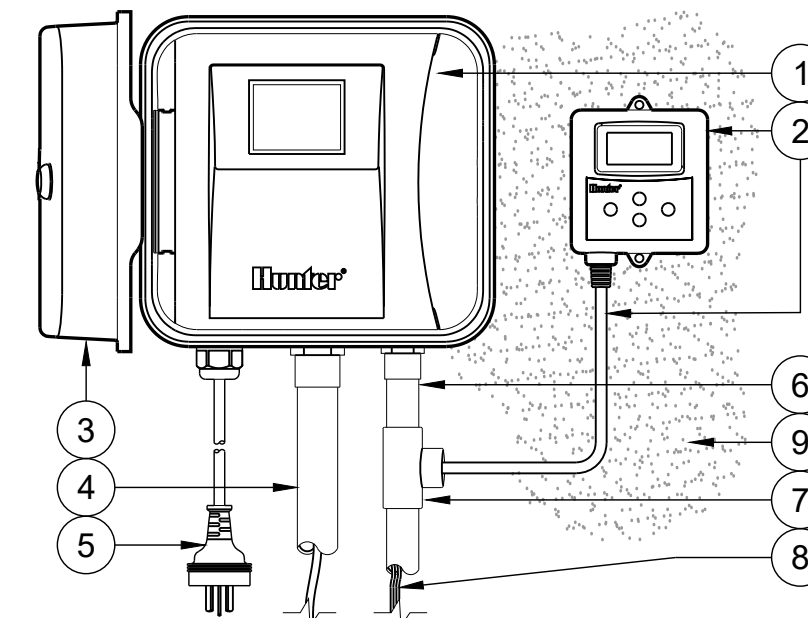
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- LEGEND:**
- ① RAIN-CLIK SENSOR
 - ② WALL MOUNT CONTROLLER
 - ③ POST OR SUITABLE MOUNTING SURFACE
 - ④ FINISHED GRADE

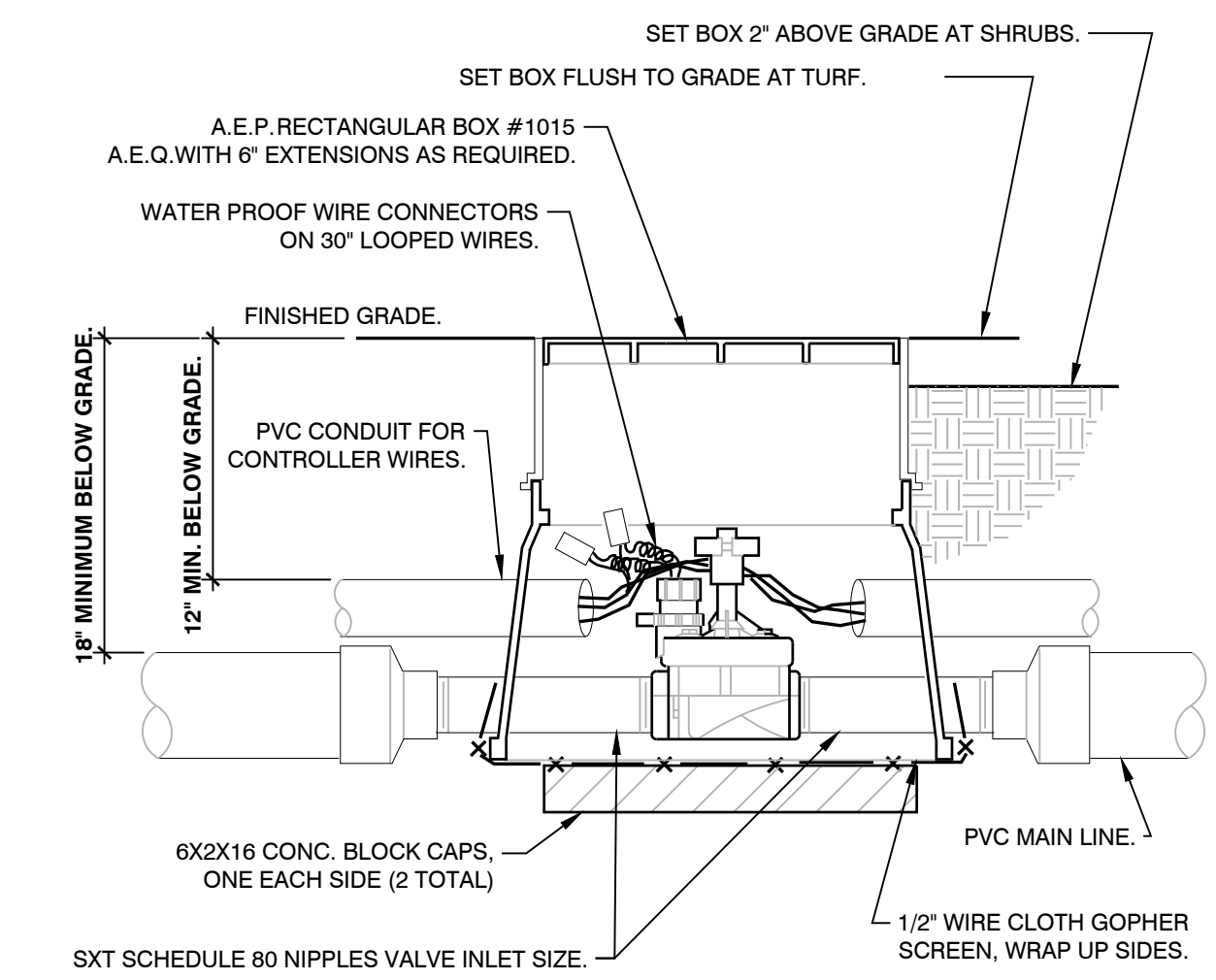


DETAIL LEGEND:

- ① IRRIGATION CONTROLLER, INDOOR/OUTDOOR WALL MOUNT, PER PLAN
- ② SOIL-CLIK MODULE AND PROVIDED CABLE
- ③ PLASTIC CONTROLLER DOOR
- ④ CONTROL WIRE CONDUIT TO PLANTER, SIZE AS REQUIRED
- ⑤ 120 VAC CABLE & PLUG FOR CONNECTION TO GROUNDED 120 VAC POWER RECEPTACLE
- ⑥ SOIL-CLIK WIRE CONDUIT, 3/4" [19mm] SIZE.
- ⑦ 3/4" [19mm] TEE FOR SOIL-CLIK SENSOR CABLE
- ⑧ TWO (2) WIRES TO PROBE
- ⑨ SURFACE TO MOUNT CONTROLLER PER PLAN

NOTES:

- A. COMPLETE INSTALLATION IN ACCORDANCE WITH HUNTER'S SPECIFICATIONS. REFER TO PRODUCT INSTALLATION GUIDE PRIOR TO INSTALLATION.
- B. CONTROLLER ACCEPTS 120 VOLTS A.C. OR 230 VOLTS A.C. (INTERNATIONAL MODEL). HARD WIRE OR PLUG INTO A GROUNDED POWER SOURCE.
- C. MODEL NUMBER AND SPECIFICATIONS PER PLAN.
- D. MOUNT CONTROLLER LCD SCREEN AT EYE LEVEL WHEN FEASIBLE.
- E. SOIL PROBE NOT SHOWN. SEE MANUFACTURER'S INSTALLATION MANUAL FOR FULL INSTRUCTIONS.



3 DETAIL: MASTER CONTROL VALVE

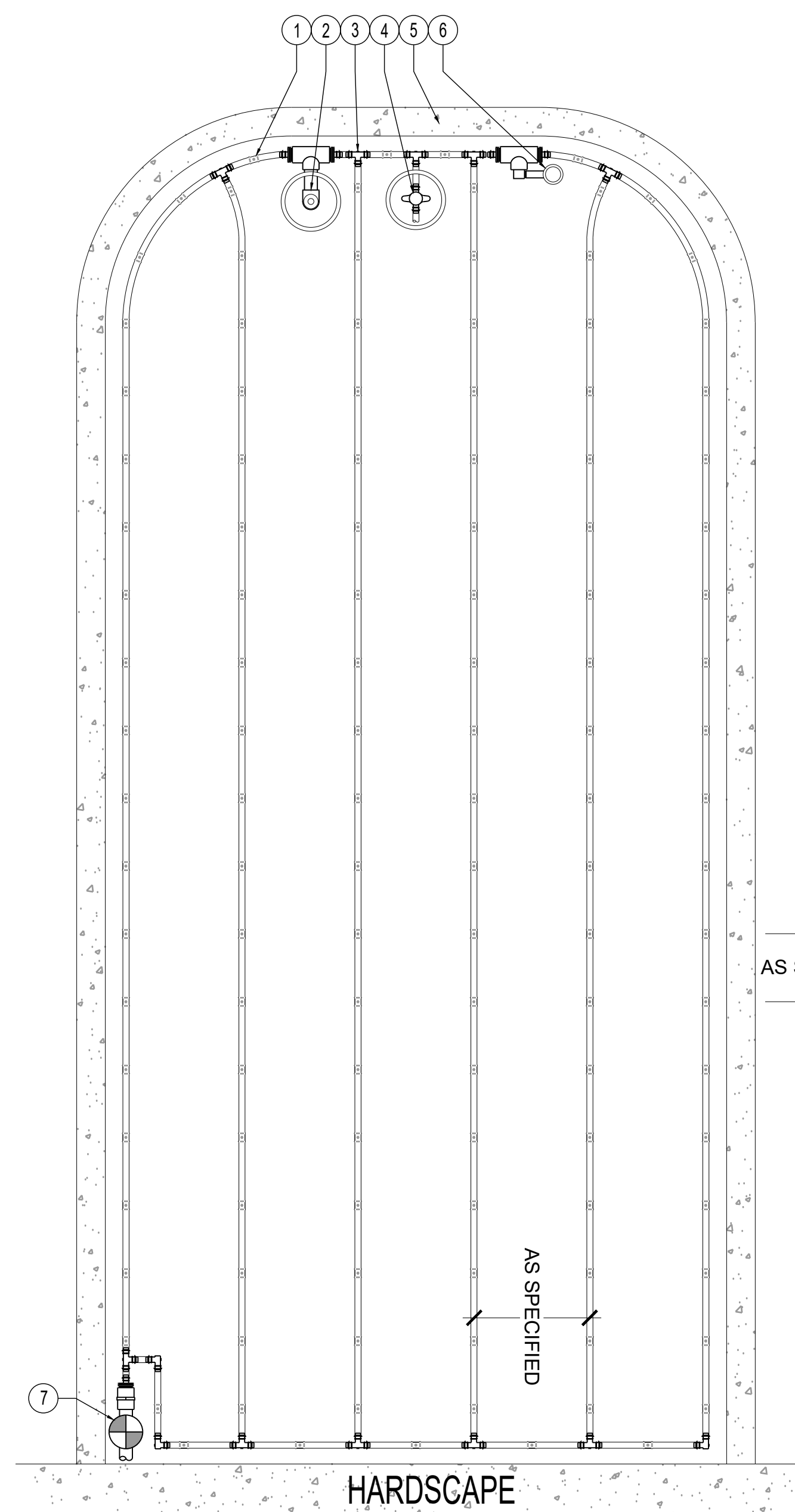
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8 DETAIL: RAIN-CLIK SENSOR MOUNTING DIAGRAM

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LEGEND:

- ① HUNTER DRIPLINE (HDL) PER PLAN
- ② AIR RELIEF VALVE IN VALVE BOX
- ③ PLD OR PLD-LOC FITTINGS TYP.
- ④ FLUSH POINT (PLD-BV) IN SUBTERRANEAN BOX PER PLAN
- ⑤ LANDSCAPE ISLAND CURB
- ⑥ ECO-INDICATOR ON SWING ARM
- ⑦ DRIP CONTROL ZONE KIT PER PLAN

NOTES:

AIR RELIEF VALVE (PLD-AVR) INSTALLED IN VALVE BOX AT OPTIMAL HIGHEST POINT FROM CONTROL ZONE KIT. MULTIPLE AIR RELIEF VALVES MAY BE NEEDED TO ACCOMMODATE DIFFERENCES IN GRADE.

ECO-INDICATOR TO BE INSTALLED AT OPTIMAL FURTHEST POINT FROM CONTROL ZONE KIT IN CLEAR VIEW WHEN POPPED UP.

FLUSH POINT TO BE INSTALLED AT OPTIMAL FURTHEST POINT FROM CONTROL ZONE KIT TO ALLOW FOR MAXIMUM DEBRIS FLUSH IN SYSTEM.

AS SPECIFIED

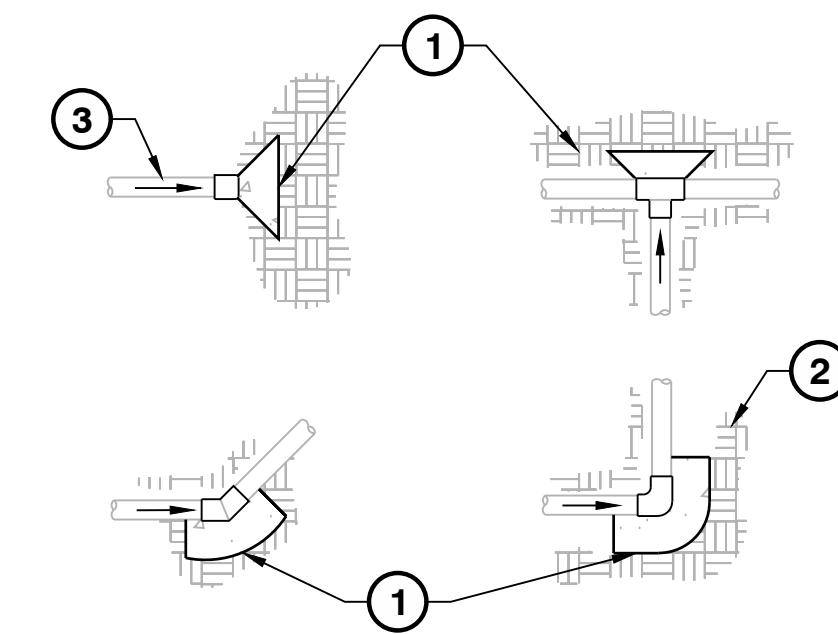
AS SPECIFIED

HARDSCAPE

7 PLAN DIAGRAM: DRIP LINE LAYOUT IN ISLAND

Scale: NTS

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- ① BEARING SURFACE
- ② EXISTING OR MODIFIED SOIL (SEE SPECIFICATION FOR SOIL MODIFICATION)
- ③ FLOW DIRECTION

NOTES:

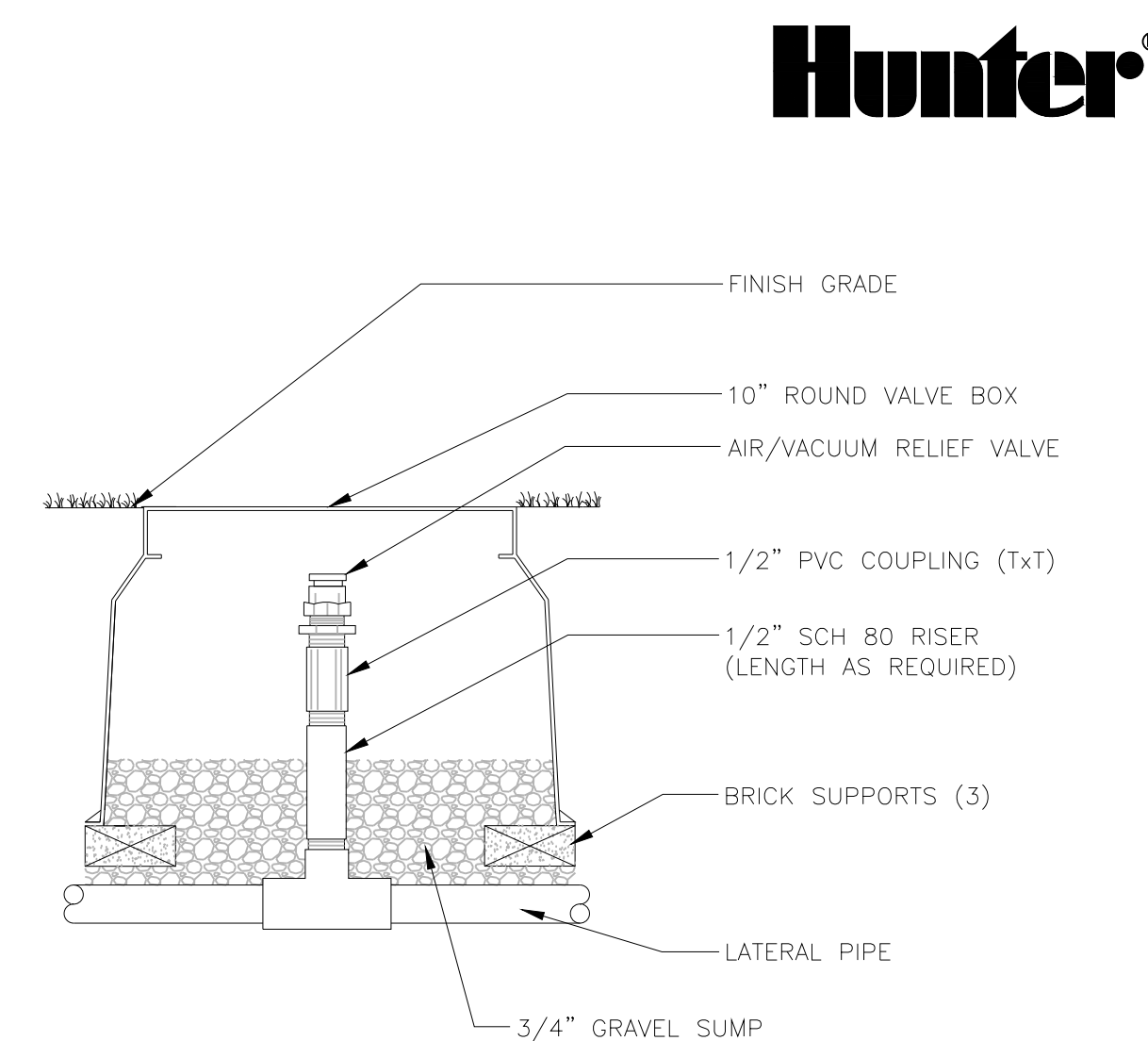
- 1. SIZE THRUST BLOCKS SHALL BE SPECIFIED AS SHOWN IN THE TABLE.
- 2. CONTROL WIRES SHALL NOT BE ENCASED IN CONCRETE.
- 3. ALL FITTINGS SHALL BE WRAPPED WITH POLYETHYLENE TO PREVENT CONCRETE FROM ADHERING TO PIPE, FITTINGS OR BOLTS.
- 4. JOINTS AND BOLTS SHALL BE ACCESSIBLE FOR REPAIRS.
- 5. THRUST BLOCKS SHALL BE A MINIMUM OF 6" THICK.
- 6. ONE 80 LBS. SACK OF CONCRETE SHALL COVER .6 FT.²

PIPE SIZE	TEE AND PLUG	90° BEND	45° BEND
1-1/2"	0.45 FEET ²	0.83 FEET ²	0.34 FEET ²
2"	0.89 FEET ²	0.97 FEET ²	0.53 FEET ²
2-1/2"	1.0 FEET ²	1.41 FEET ²	0.77 FEET ²
3"	1.48 FEET ²	2.10 FEET ²	1.14 FEET ²
4"	2.43 FEET ²	3.45 FEET ²	1.87 FEET ²
6"	5.25 FEET ²	7.41 FEET ²	4.02 FEET ²
8"	9.08 FEET ²	12.83 FEET ²	6.96 FEET ²
10"	14.93 FEET ²	21.07 FEET ²	11.44 FEET ²

5 DETAIL: THRUST BLOCK

Scale: NTS

02 irrigation details.dwg



4 DETAIL: AIR RELIEF PVC RISER

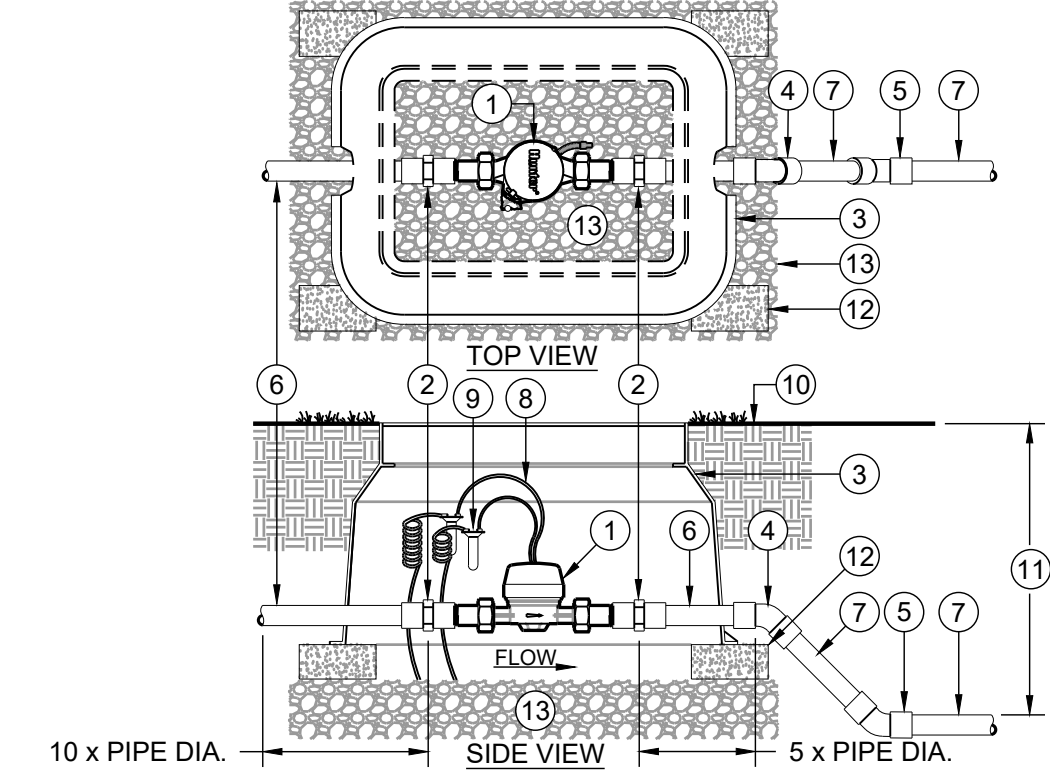
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NOTE: INLET PIPE ENTERING METER: LENGTH MUST BE A MIN. OF 10 X PIPE DIA. OUTLET PIPE LEAVING METER: LENGTH MUST BE MIN. OF 5 X PIPE DIA. INLET AND OUTLET PIPE MUST BE STRAIGHT PIPE WITH NO FITTINGS OR TURNS UNLESS AFTER THESE SPECIFIED LENGTHS. PIPE AND FITTINGS MAY BE SCH 80 PVC SOLVENT WELD, THREADED SCH 80 PVC OR BRASS, AS REQUIRED FOR PROJECT.

DETAIL LEGEND:

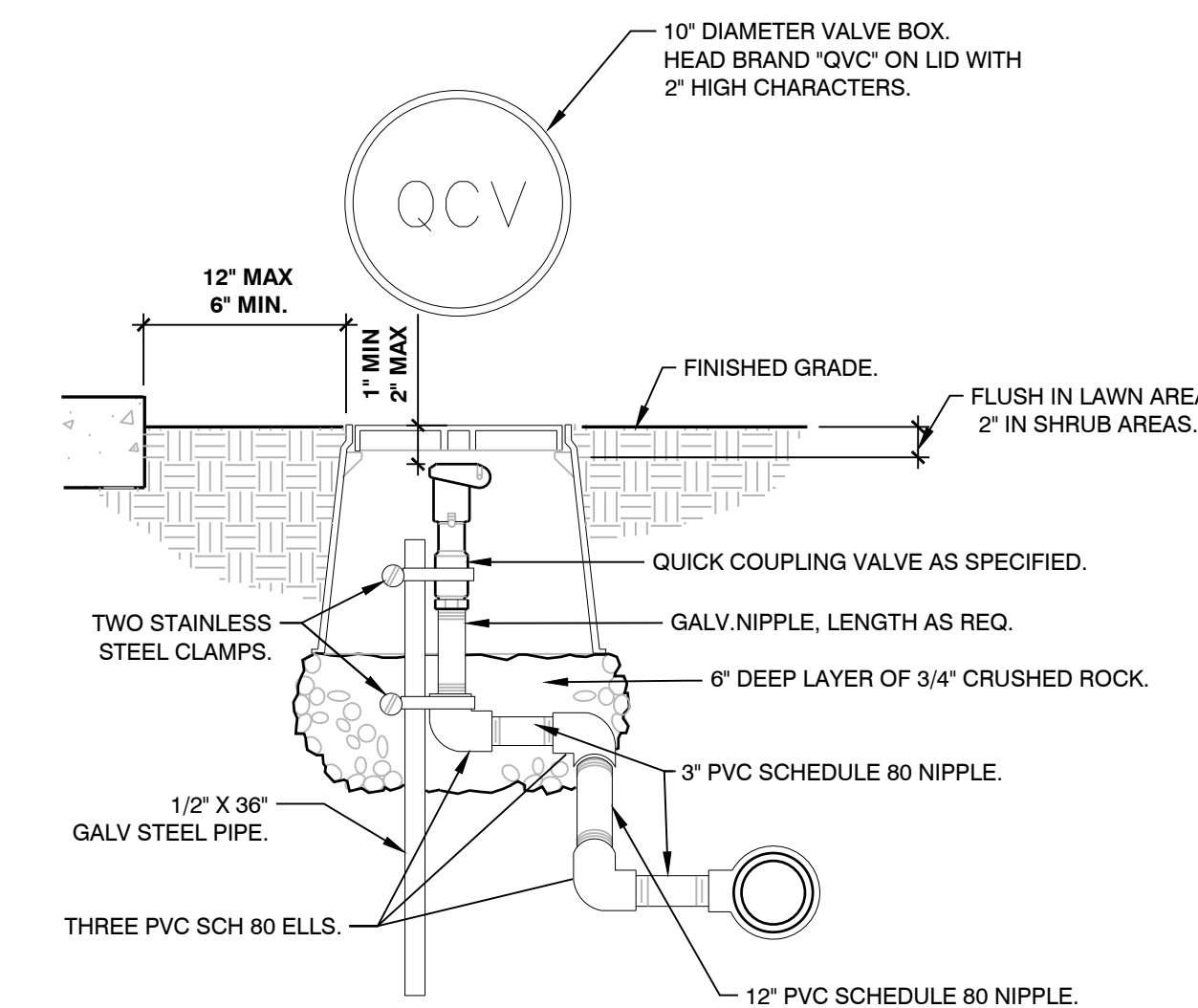
- ① HUNTER HC FLOW METER HC-075 WITH ⑦ MAIN LINE TO SYSTEM (SEE LEGEND AND PLANS FOR TYPE AND SIZE)
- ② SCH 80 PVC FEMALE ADAPTER (S X T)
- ③ RECTANGULAR VALVE BOX PER SPECIFICATIONS
- ④ SCH 80 PVC 45 DEGREE ELBOW (S X S) TO LOWER MAIN LINE TO PROPER DEPTH (SIZE FOR LARGER MAIN LINE AS NEEDED)
- ⑤ SCH 80 PVC 45 DEGREE ELBOW (S X S) TO LOWER MAIN LINE TO PROPER DEPTH
- ⑥ 1" DIA. (25 mm) MAIN LINE AT INLET & OUTLET
- ⑧ TWO WIRES TO FLOW SENSOR TERMINALS AT CONTROLLER, MIN. 18 AWG-UF (2.08 mm²) SHIELDED WIRE WITH DIFFERENT COLOR FROM CONTROL/COMMON WIRE.
- ⑨ WEATHERPROOF WIRE CONNECTOR AS NEEDED
- ⑩ FINISH GRADE
- ⑪ SPECIFIED SOIL COVER (SEE LEGEND)
- ⑫ COMMON BRICK
- ⑬ GRAVEL BASE, 6" (15 cm) DEEP



2 DETAIL: HC-075 FLOW METER

Scale: NTS

02 irrigation details.dwg



1 SECTION: QUICK COUPLER VALVE IN BOX

Scale: NTS

02 irrigation details.dwg

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LANDSCAPE ARCHITECT

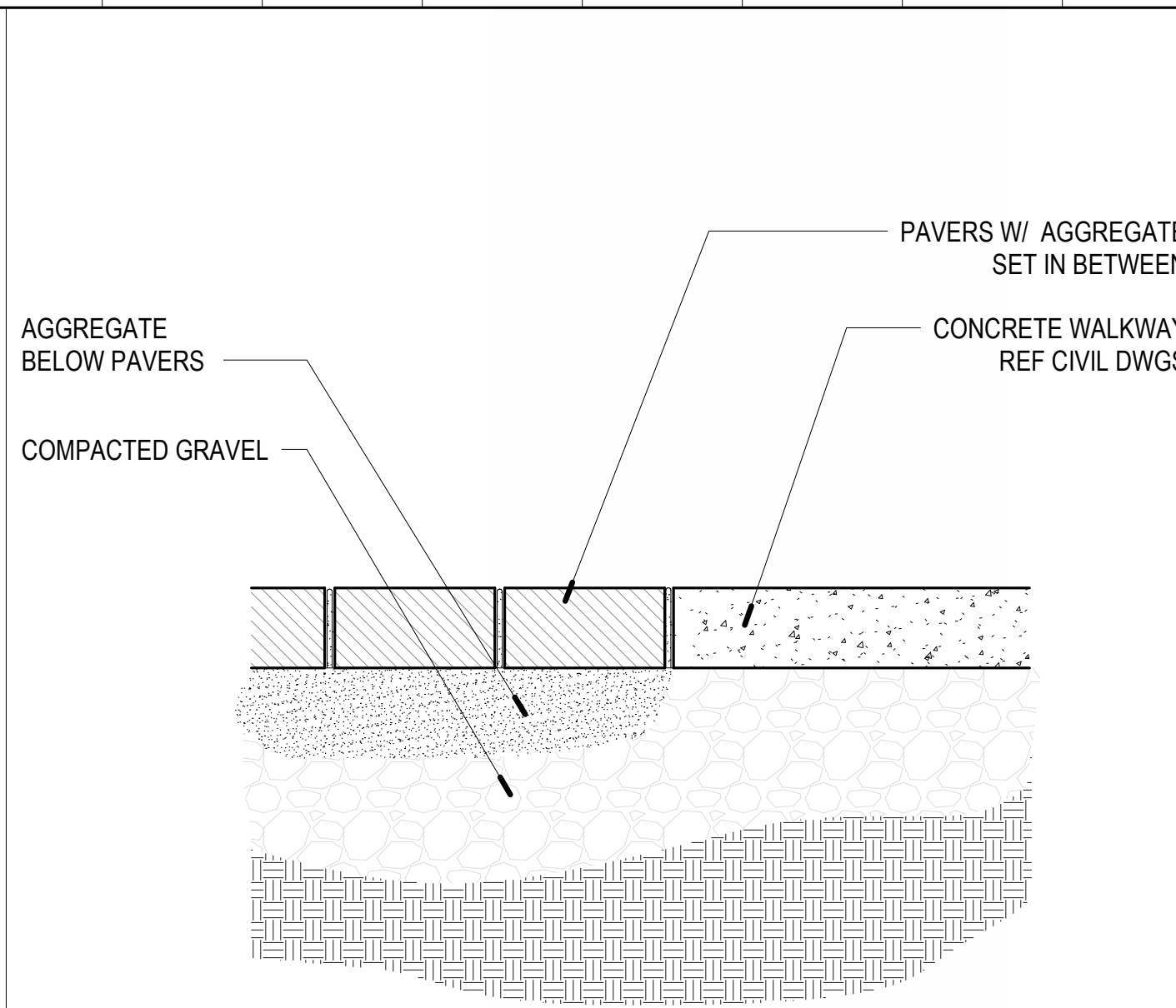
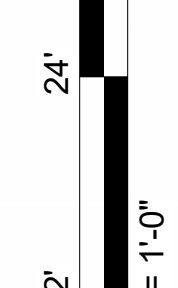
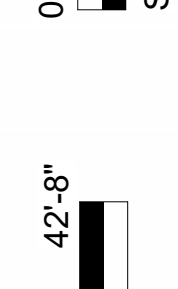
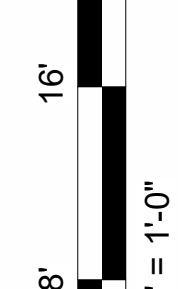
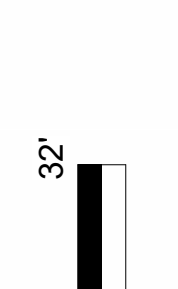
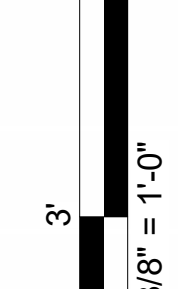
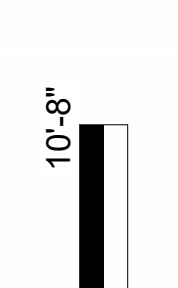
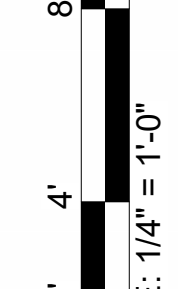
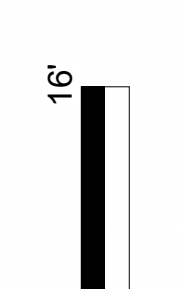
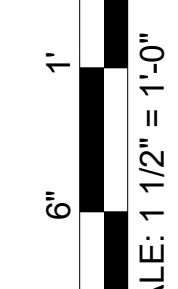
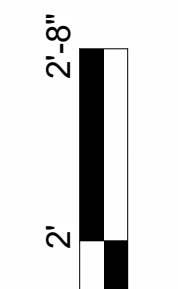
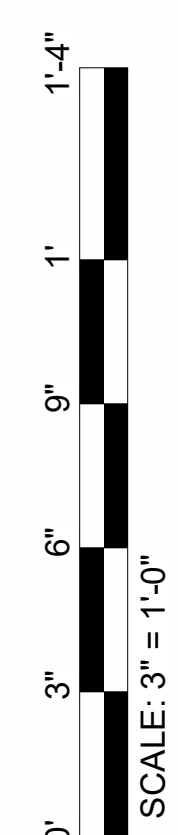
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483 Conger Street, Garberville, CA 95542
Humboldt County, California
APN: 032-011-006-000
IRRIGATION DETAILS

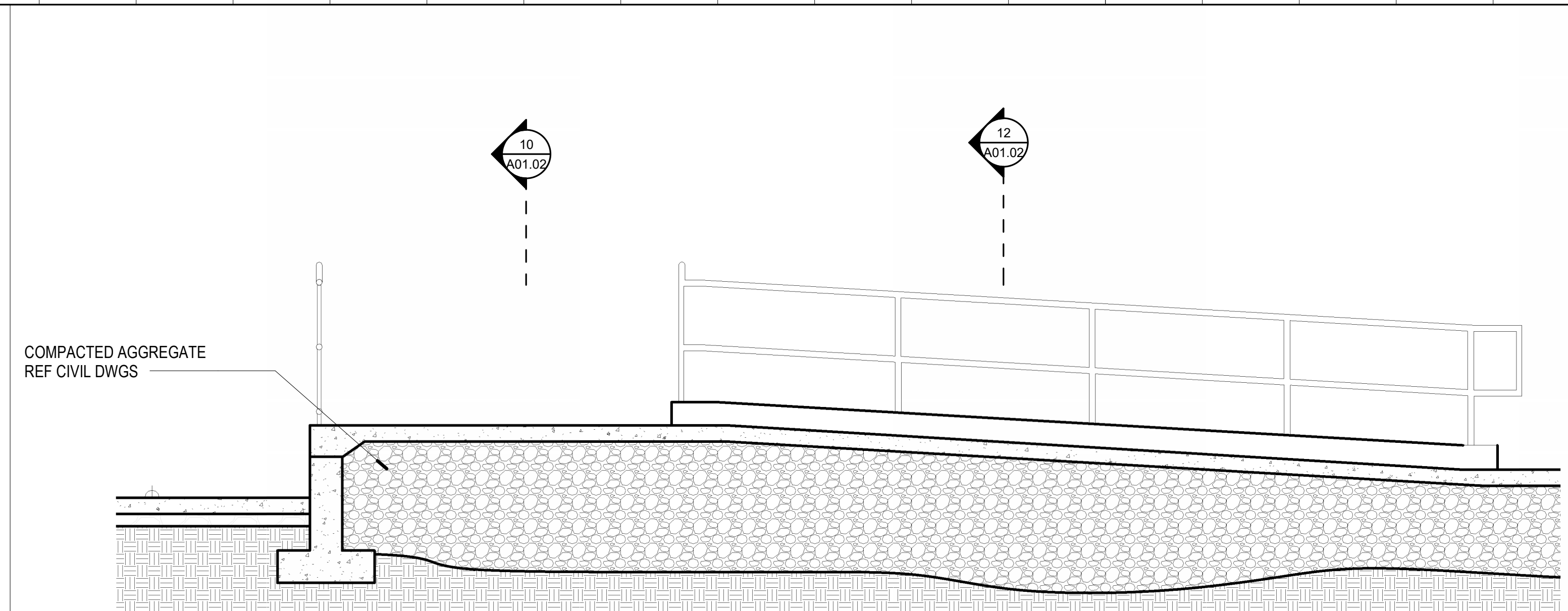
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DATE:	11/09/2024	
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No.	Description	Date

L2.2

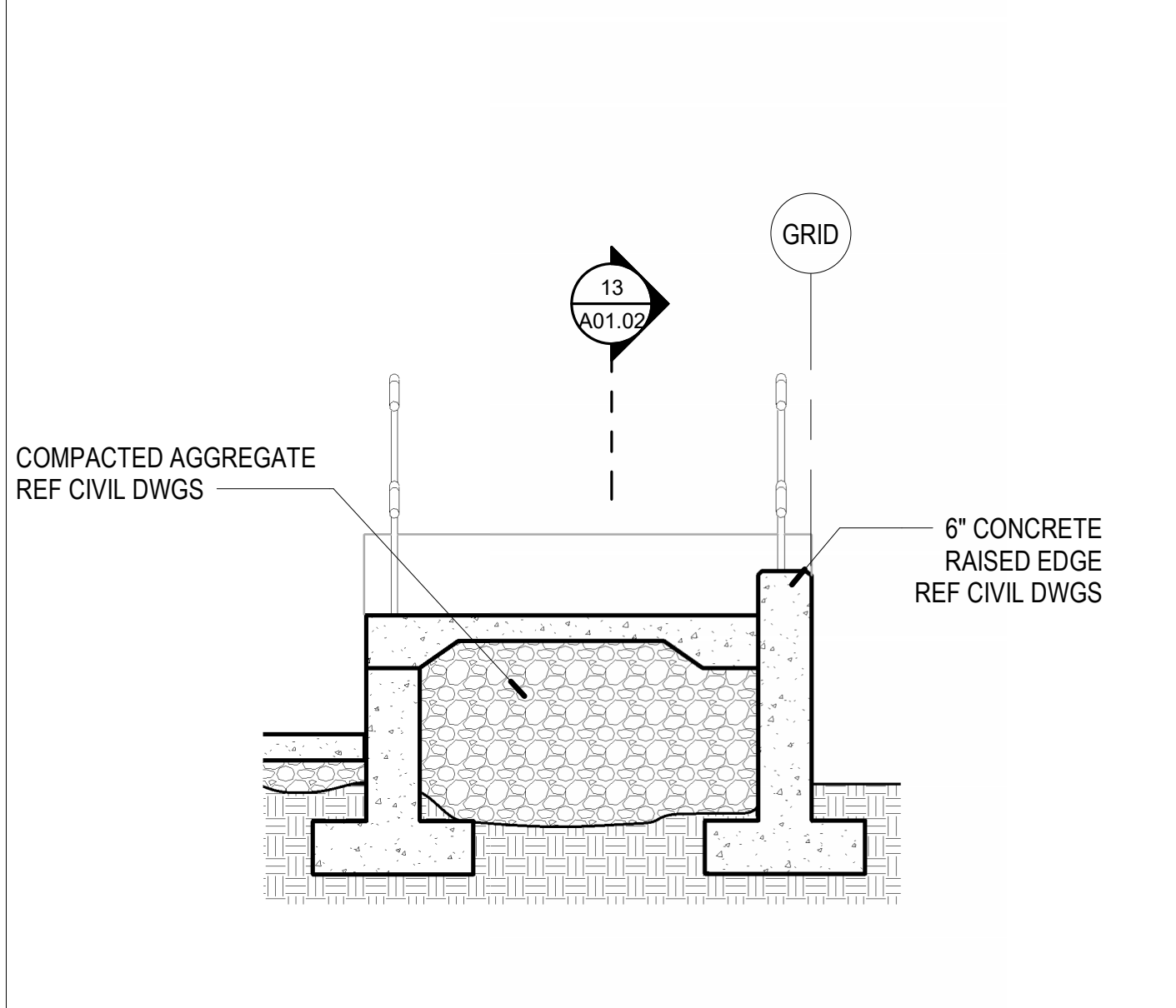
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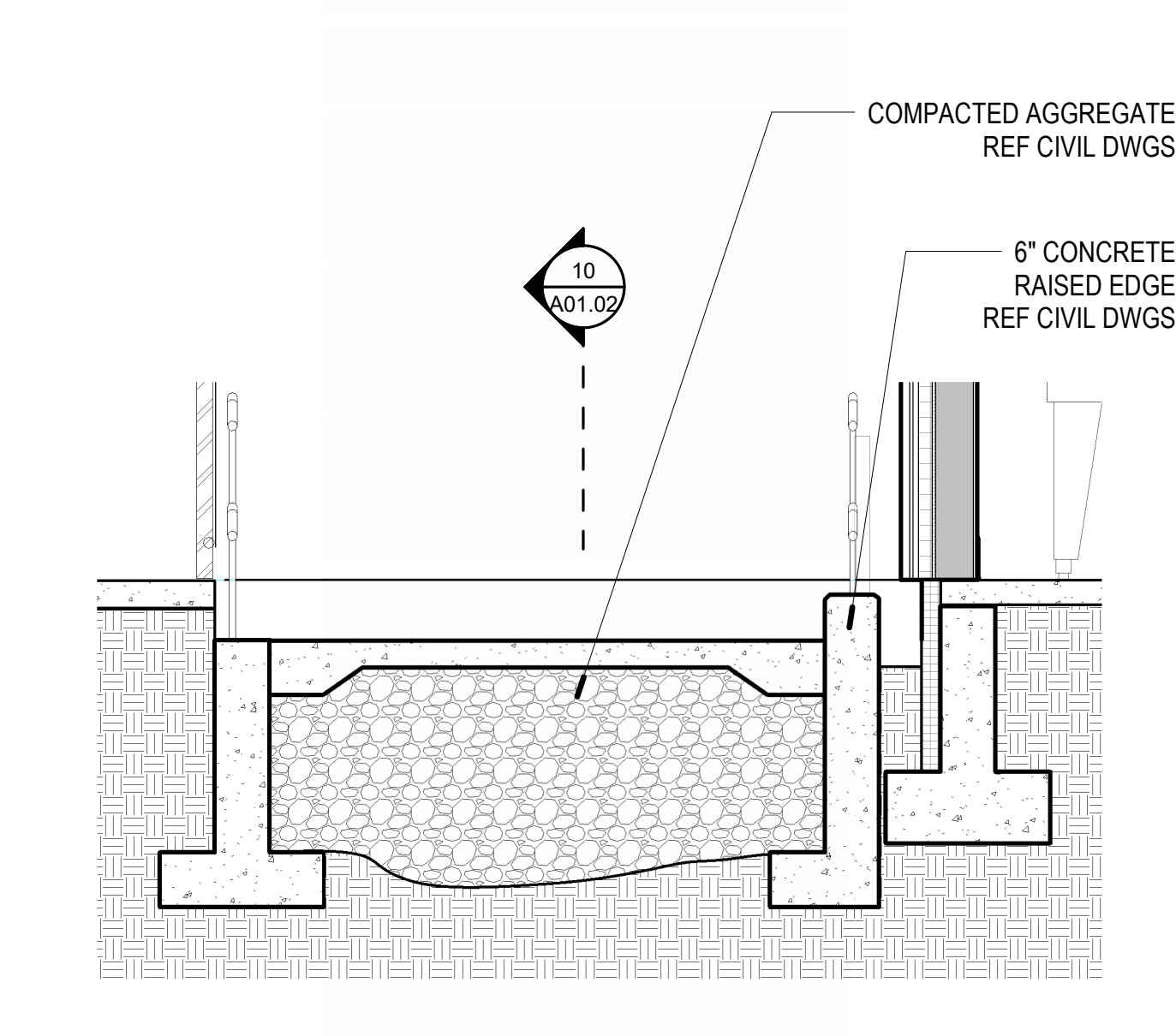
14 PAVER TRANSITION @ CONCRETE
3" = 1'-0"



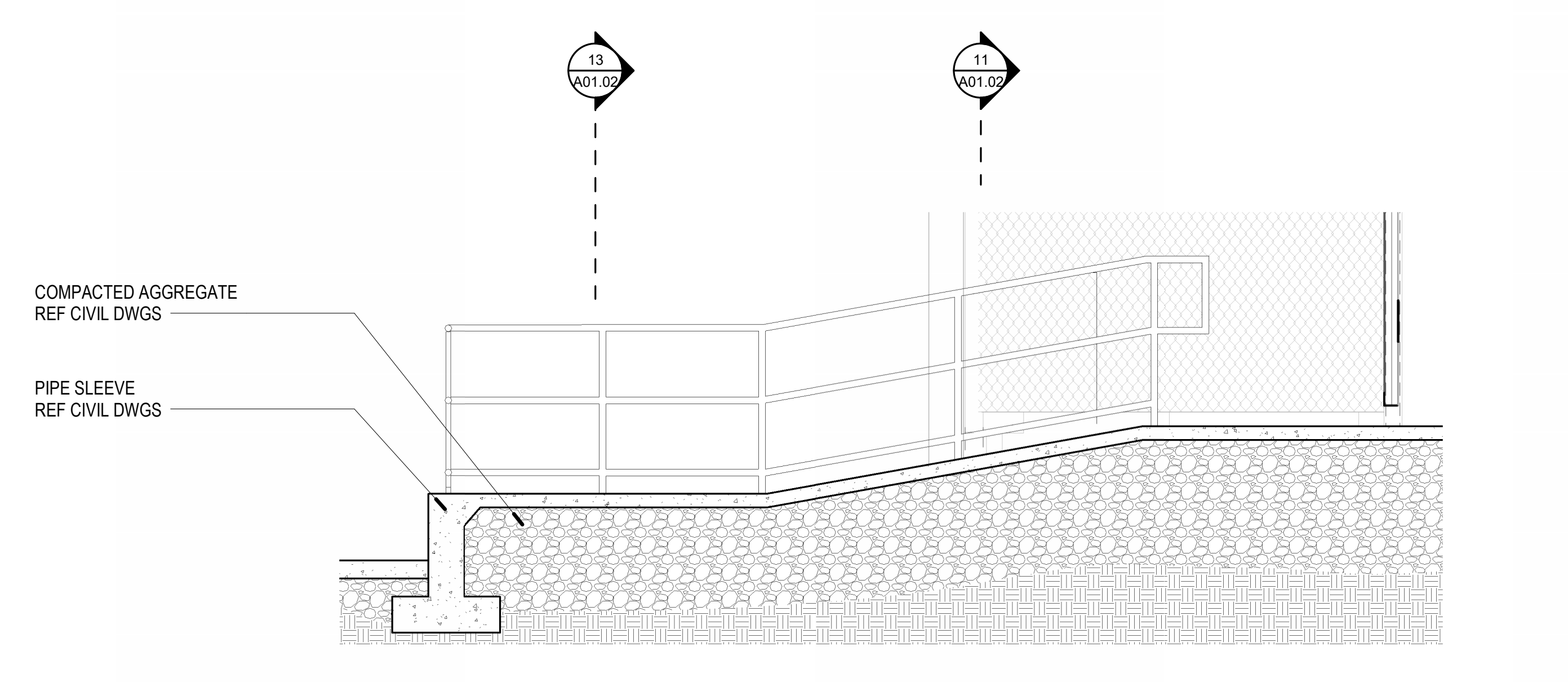
13 SECTION @ HANDRAIL 4
1/2" = 1'-0"



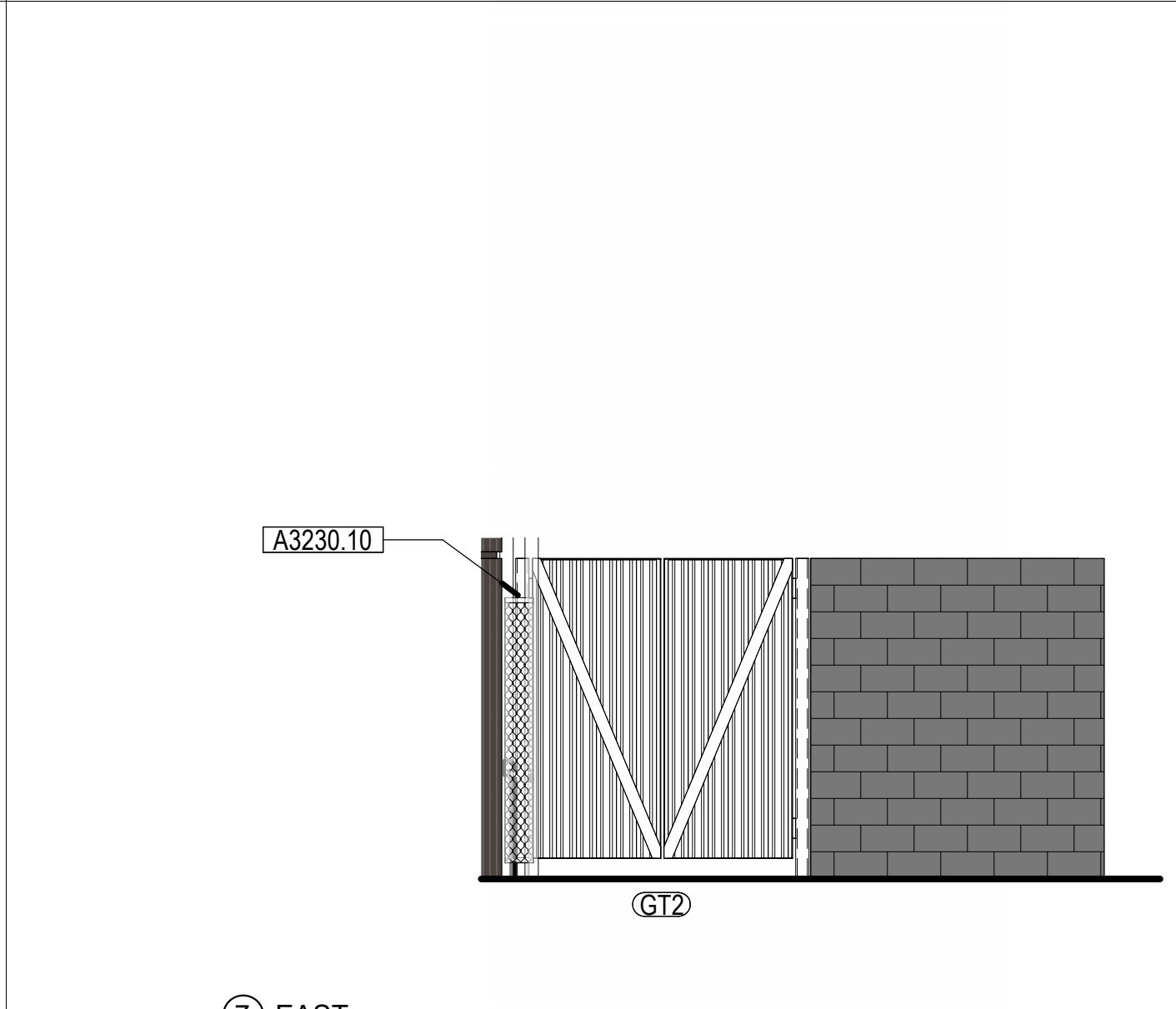
12 SECTION @ HANDRAIL 3
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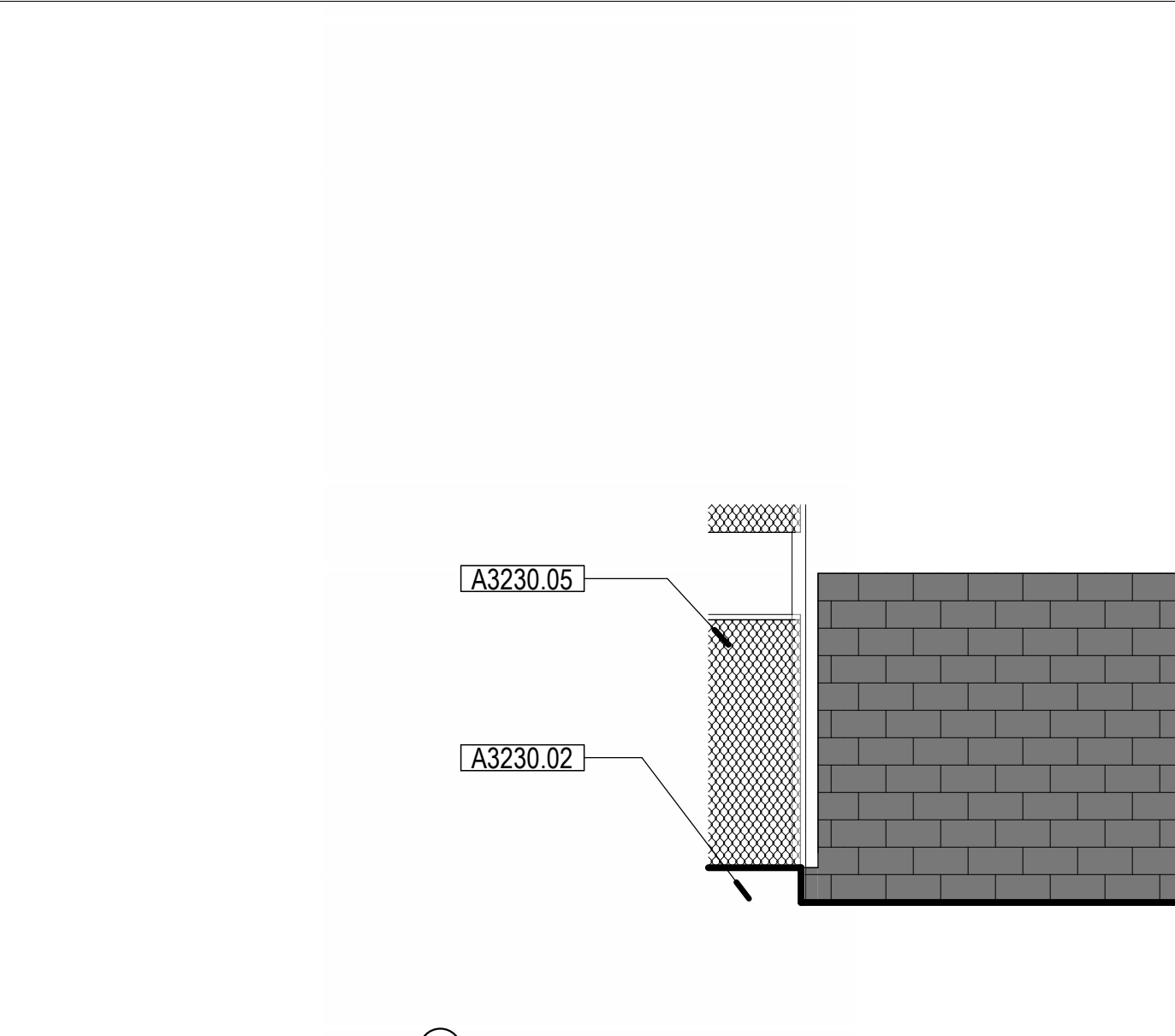
11 SECTION @ HANDRAIL 2
1/2" = 1'-0"



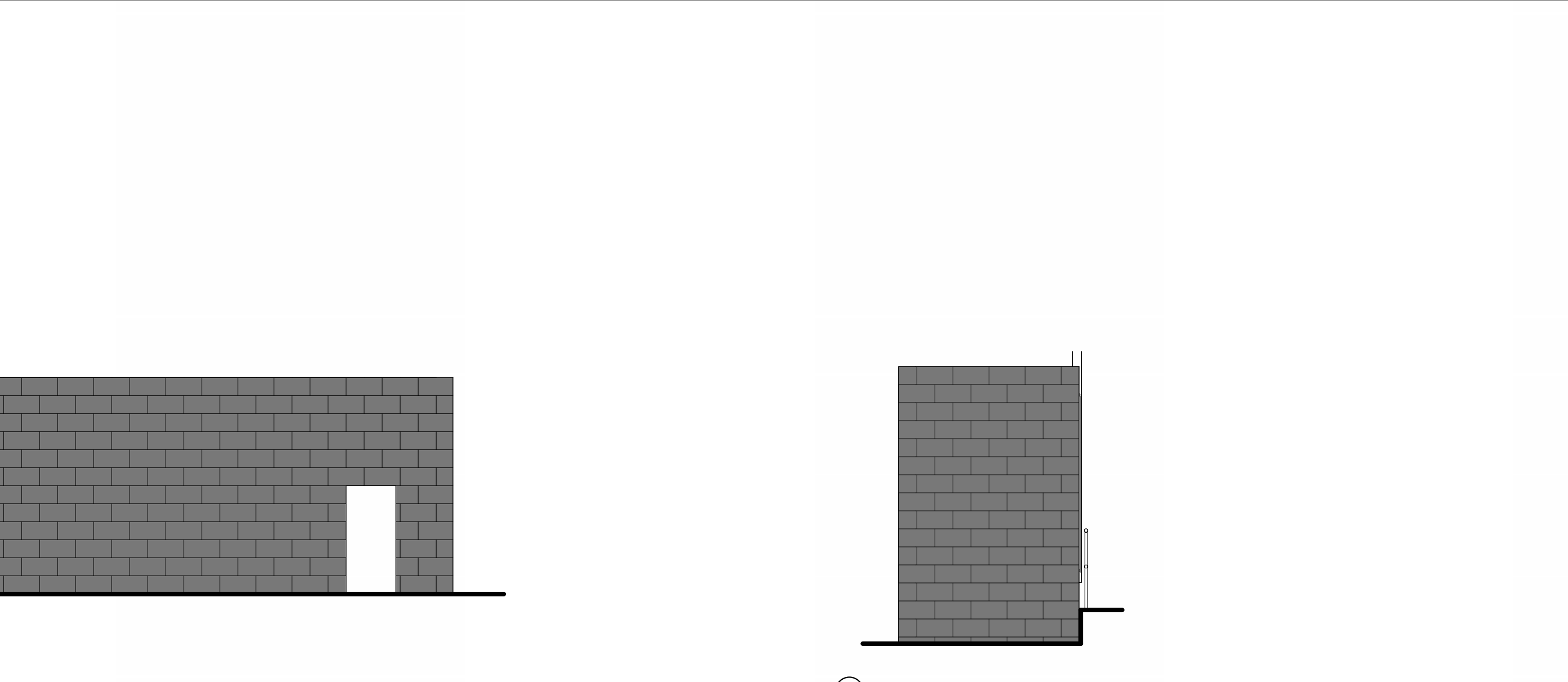
10 SECTION @ HANDRAIL 1
1/2" = 1'-0"



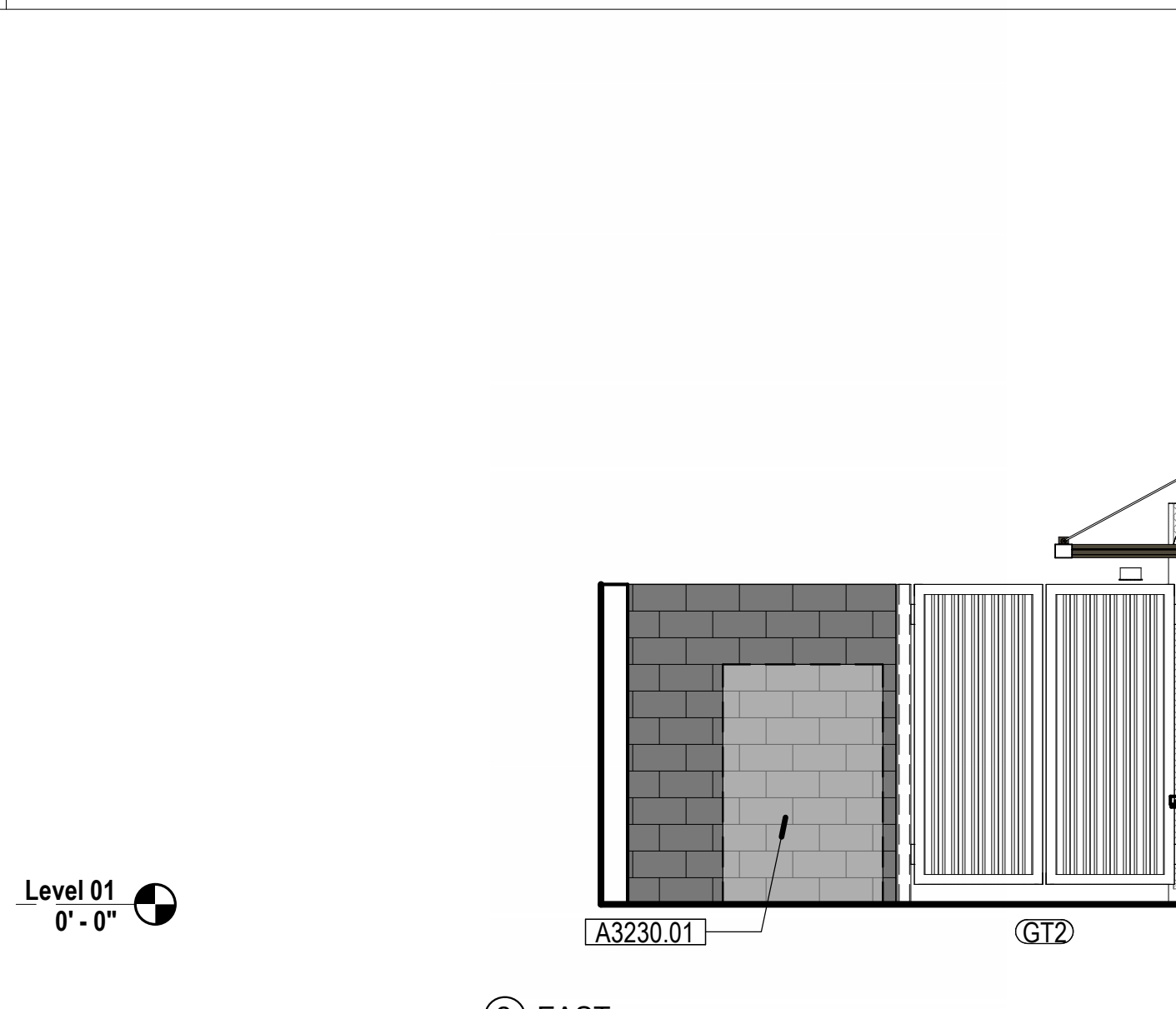
7 EAST
CMU ENCLOSURE OUTER
1/4" = 1'-0"



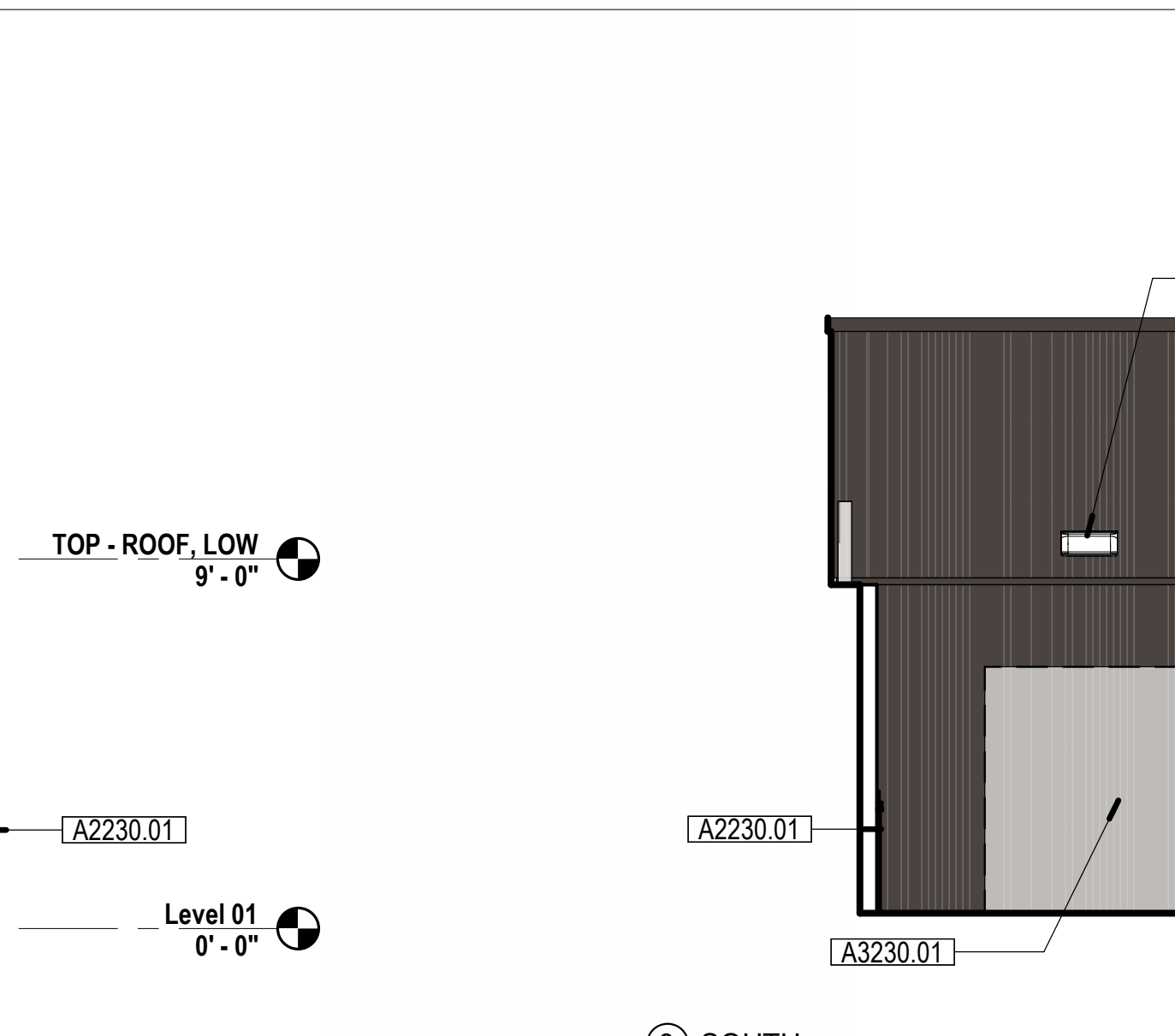
6 SOUTH



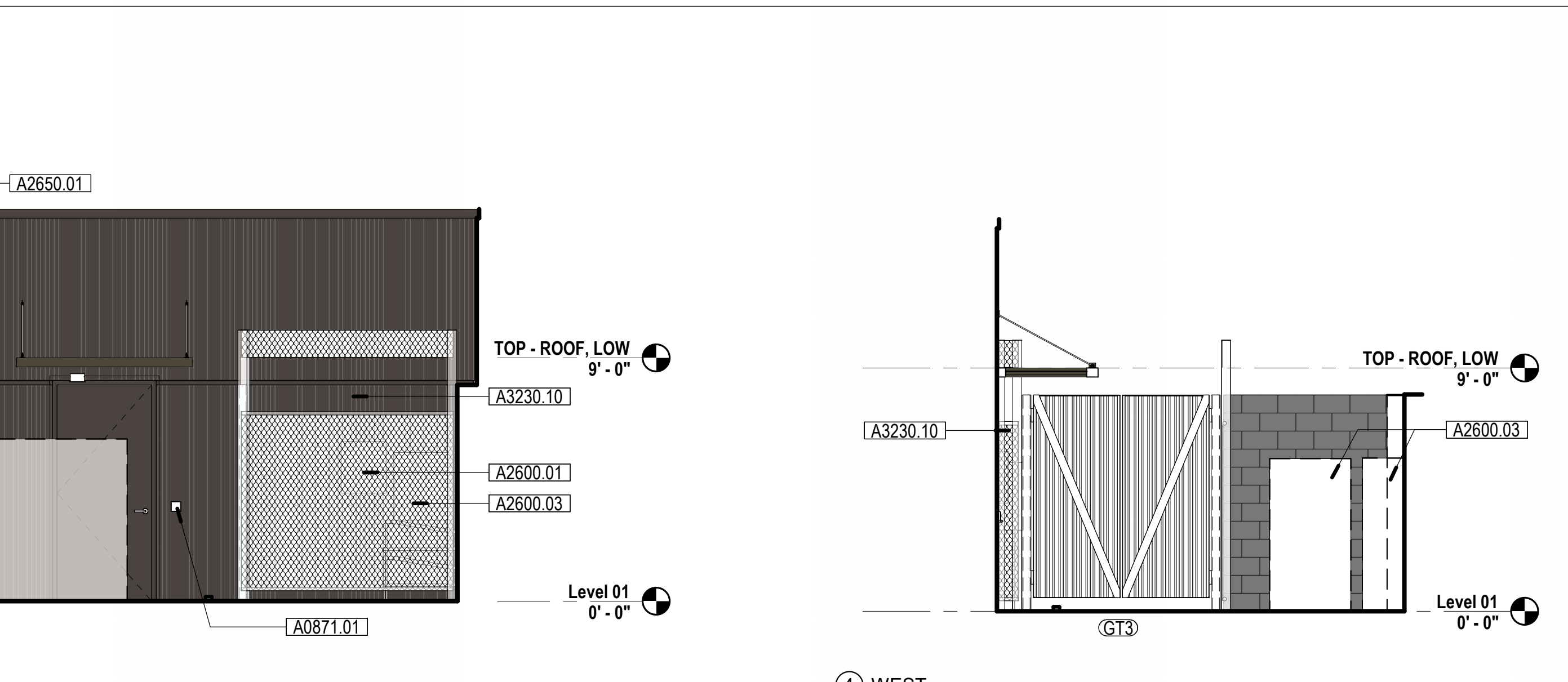
5 WEST



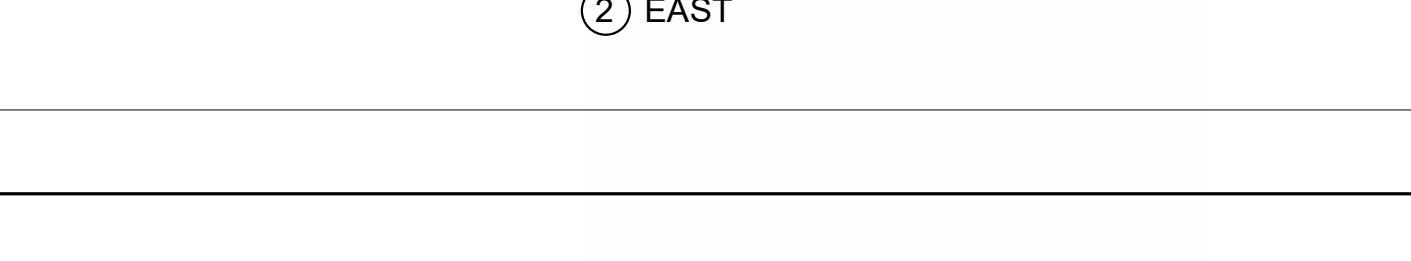
2 EAST



3 SOUTH

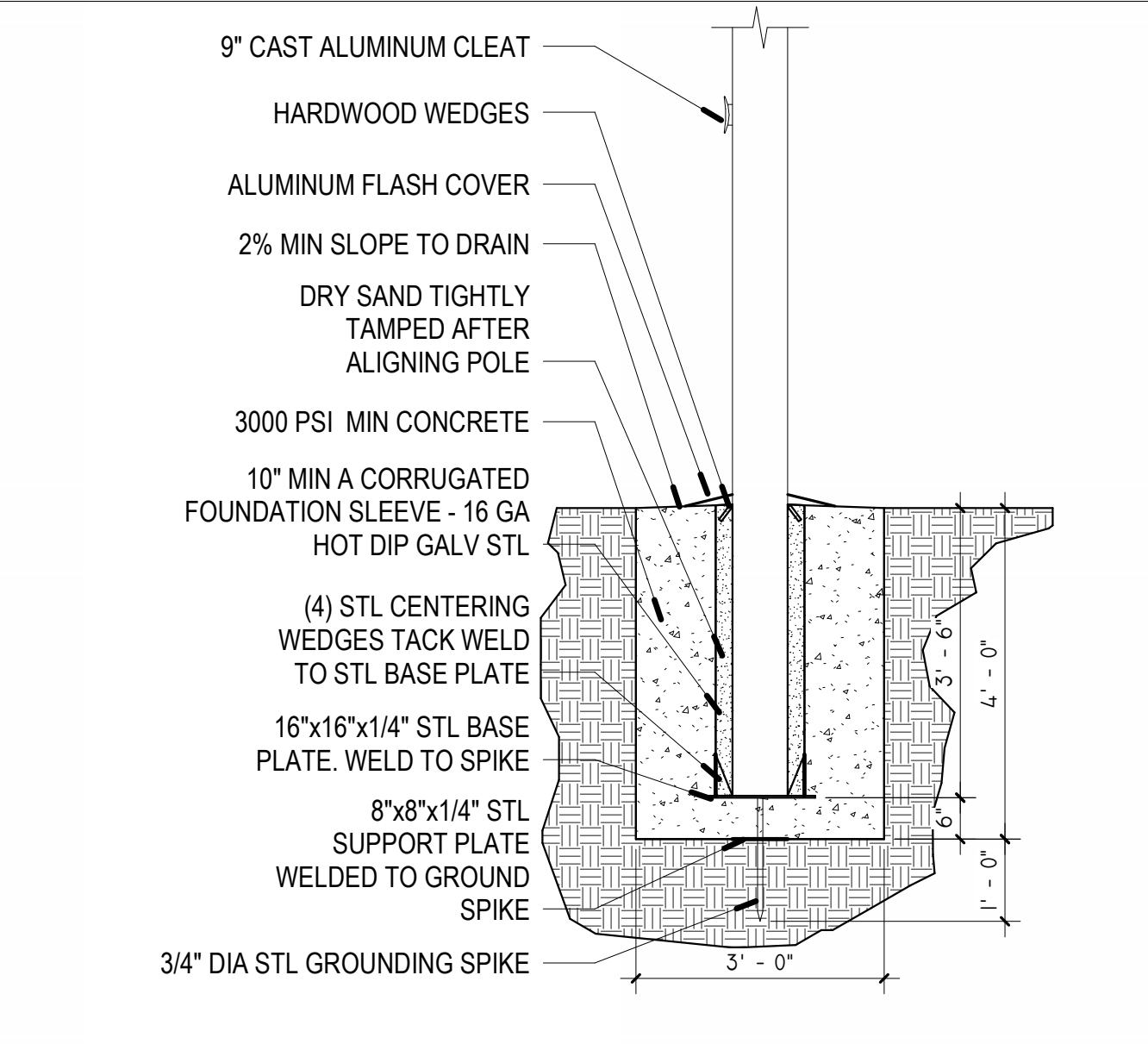


4 WEST

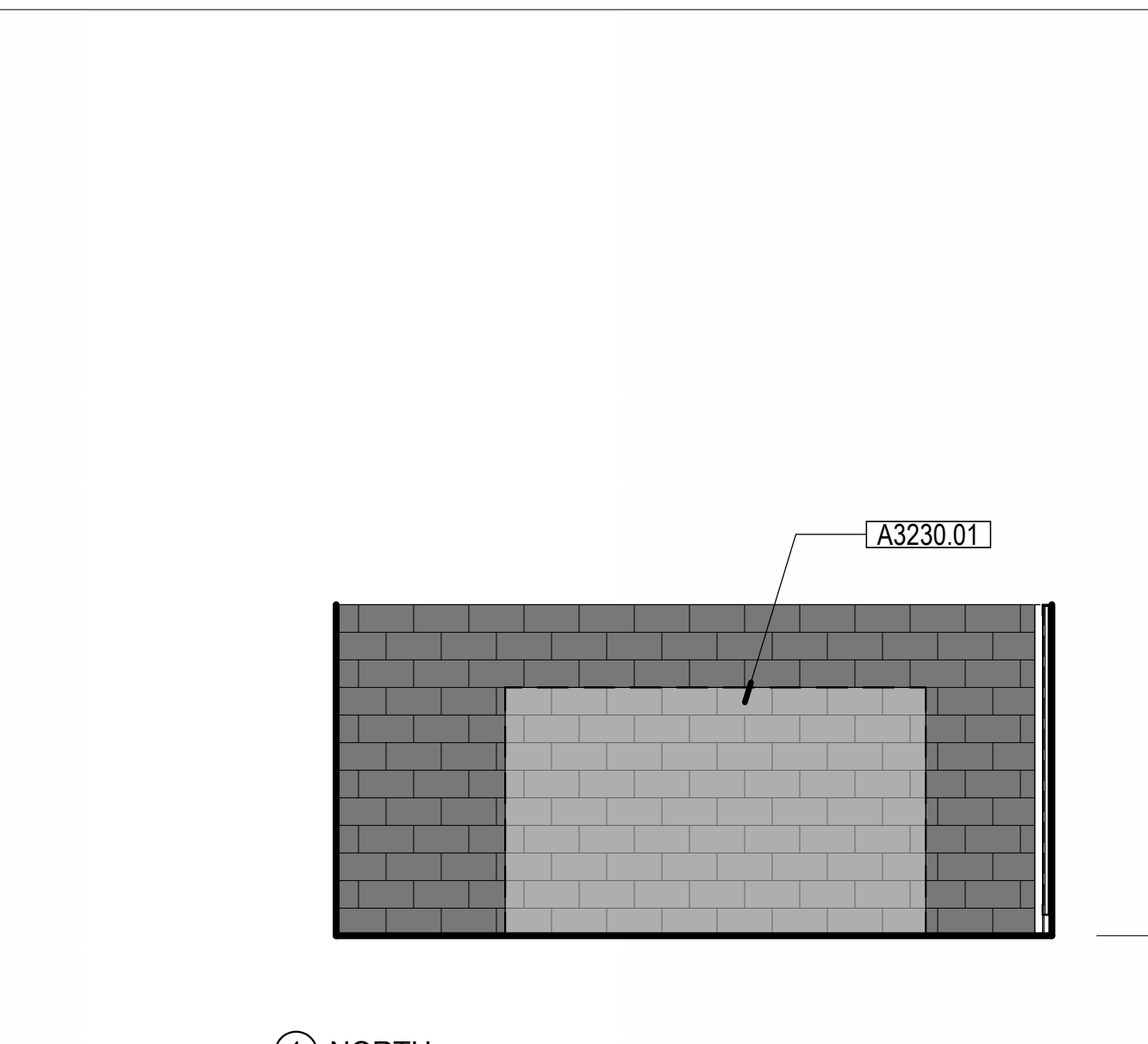


1 NORTH
CMU ENCLOSURE INNER
1/4" = 1'-0"

9 SITE - TRASH GATE
1" = 1'-0"



8 SITE, FLAG POLE
1/2" = 1'-0"

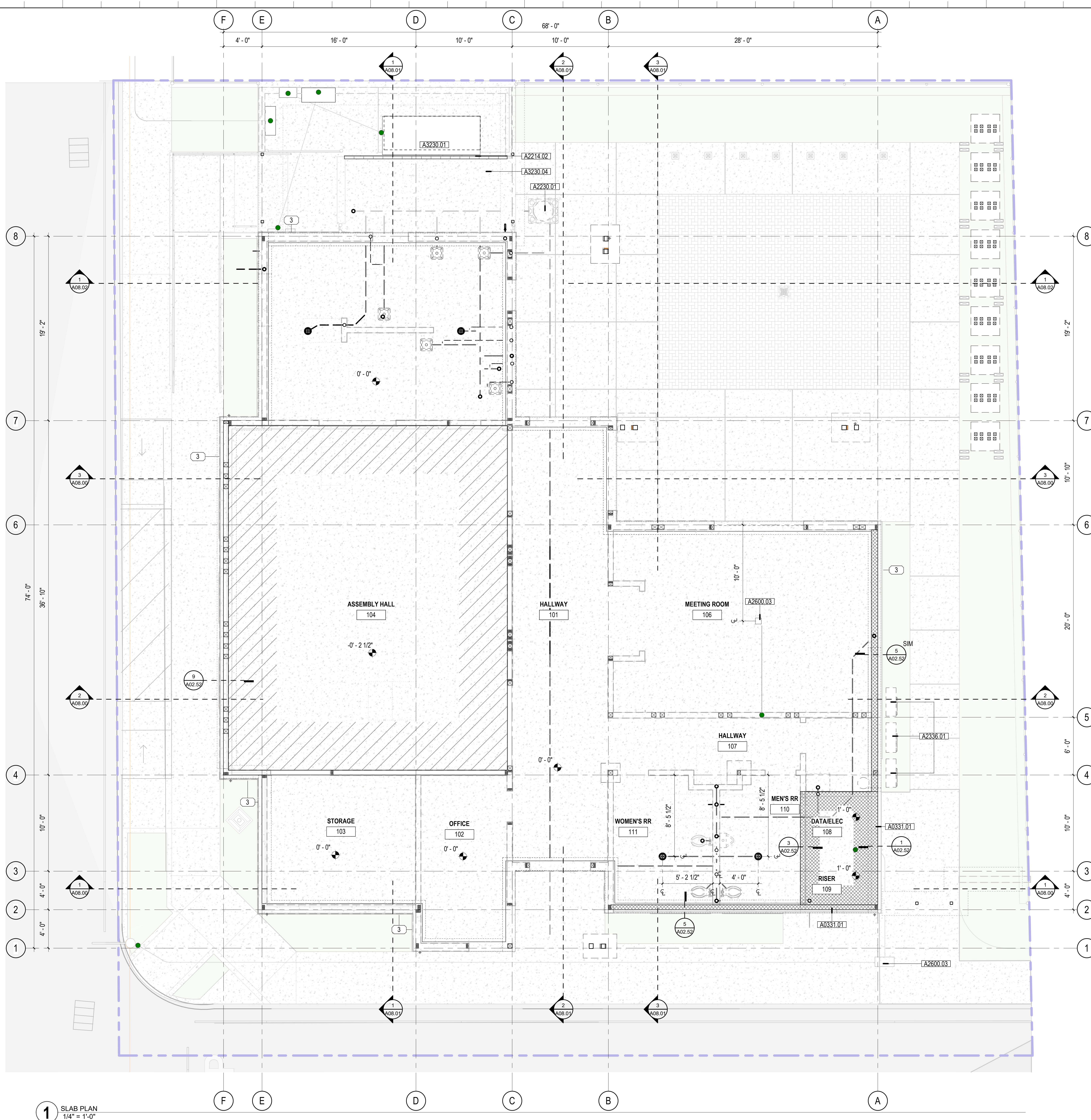
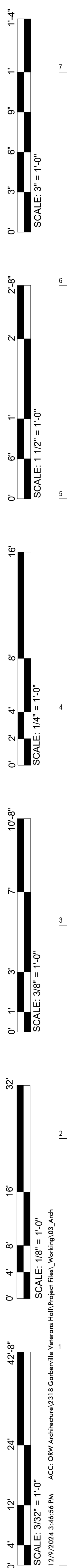


8 SITE, FLAG POLE
1/2" = 1'-0"

SCALE: 3/32" = 1'-0"
12/9/2024 3:46:51 PM
ACC: ORW Architecture\2318 Garberville, Veterans Hall\Project Files_Working\03_2Arch

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GENERAL NOTES

- ALL DIMENSIONS TO
A. FACE OF STUD
B. GRIDLINE
- DIMENSIONS AND REFERENCE ARE SHOWN ON ENLARGED PLANS WHEN ENLARGED PLANS ARE PROVIDED

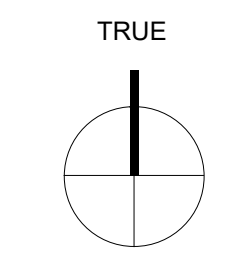
LEGEND

- LAVATORY, REF PLUMB DWGS
- WATER CLOSET, REF PLUMB DWGS
- URINAL, REF PLUMB DWGS
- FLOOR DRAIN REF PLUMB DWGS
- FLOOR SINK REF PLUMB DWGS
- SLAB LEVEL -0'-2.5"
- SLAB LEVEL & FOUNDATION WALL +1'-0"
- SLAB RIGID INSULATION

KEYNOTES

#	NOTE
A0331.01	12" H RAISED STEM WALL
A2214.02	TRENCH DRAIN, REF CIVIL DWGS
A2230.01	PLUMBING EQUIPMENT, REF PLUMB DWGS
A2336.01	HEAT PUMP, REF MECH DWGS
A2600.03	ELECTRICAL FIXTURE, REF ELEC DWGS
A3230.01	GENERATOR, REF ELEC DWGS
A3230.04	CONCRETE SLAB REF CIVIL & STRUCT DWGS

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



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Humboldt County
APN: 032-011-006-000

PROJECT: 2318
DATE: 12/09/2024
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No.	Description	Date

A02.51

SLAB COORDINATION PLAN

12/9/2024 3:46:56 PM ACC: ORW Architecture\2318 Garberville, Veterans Hall\Project Files_Working\03_24rch

1'-4"
1'
9"
6"
3"
0" SCALE: 3" = 1'-0"

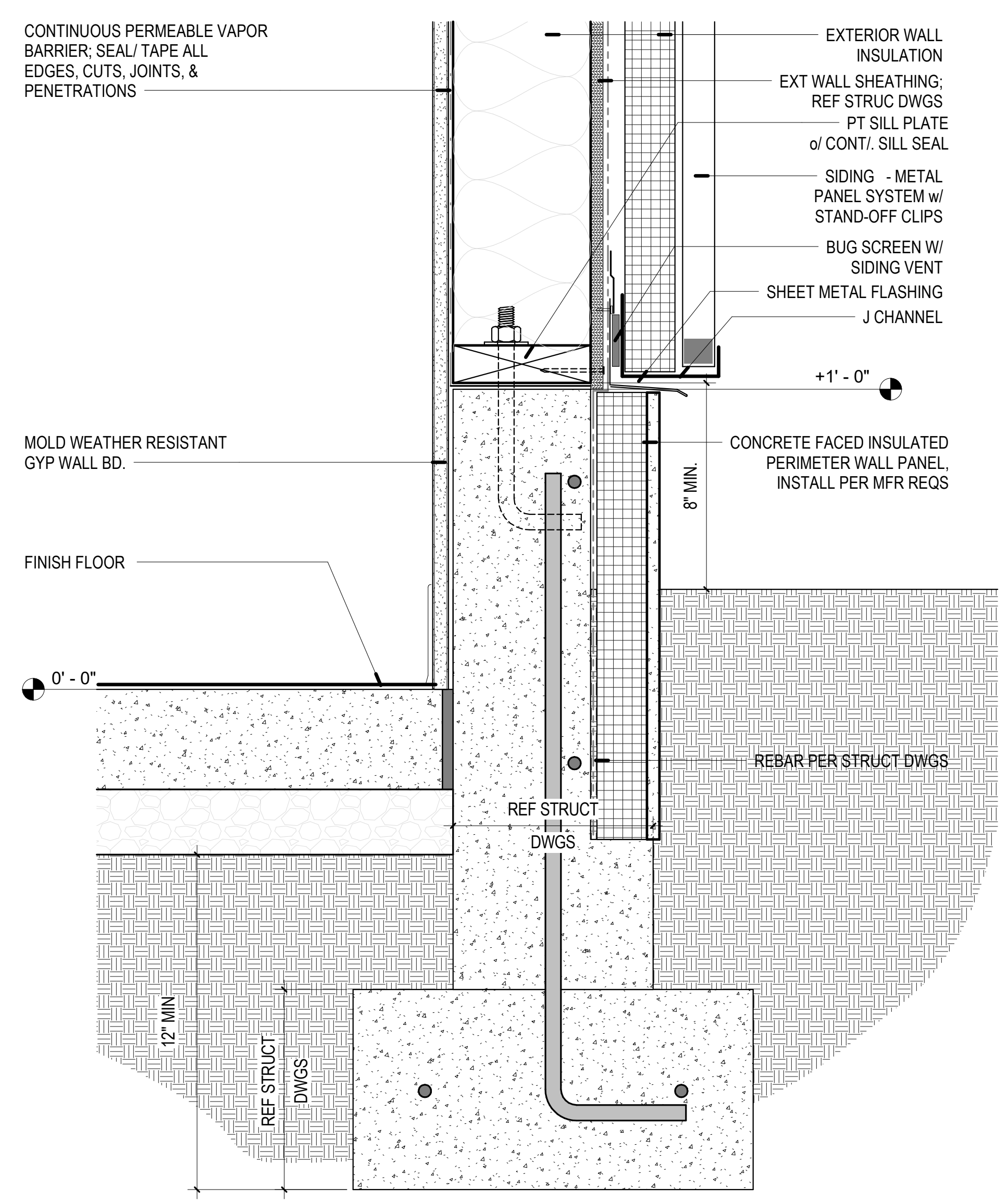
2'-8"
2'
0" SCALE: 1 1/2" = 1'-0"

16"
8"
4"
2"
0" SCALE: 1/4" = 1'-0"

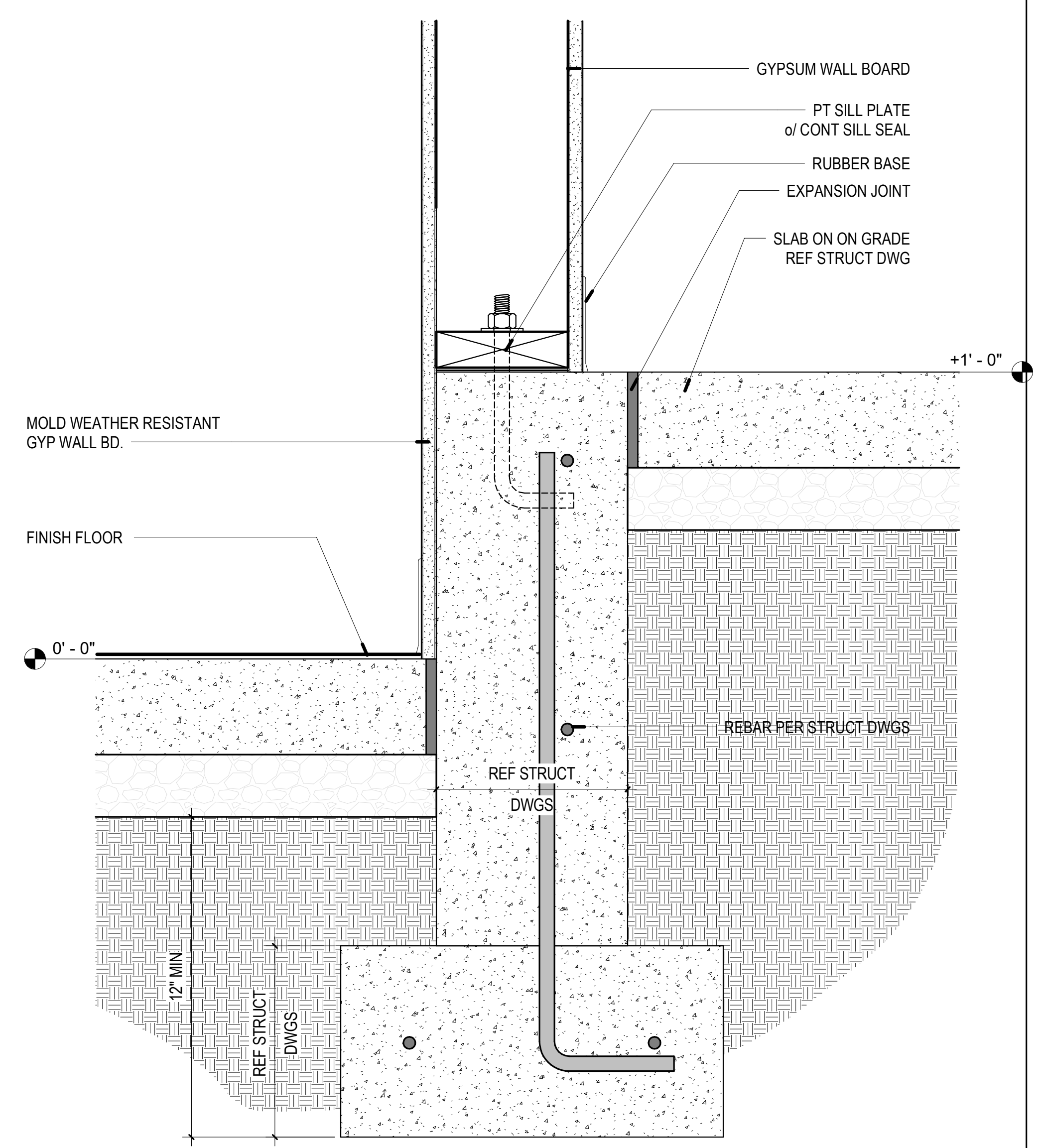
10'-8"
7'
3'
0" SCALE: 3/8" = 1'-0"

32"
16"
8"
4"
0" SCALE: 1/8" = 1'-0"

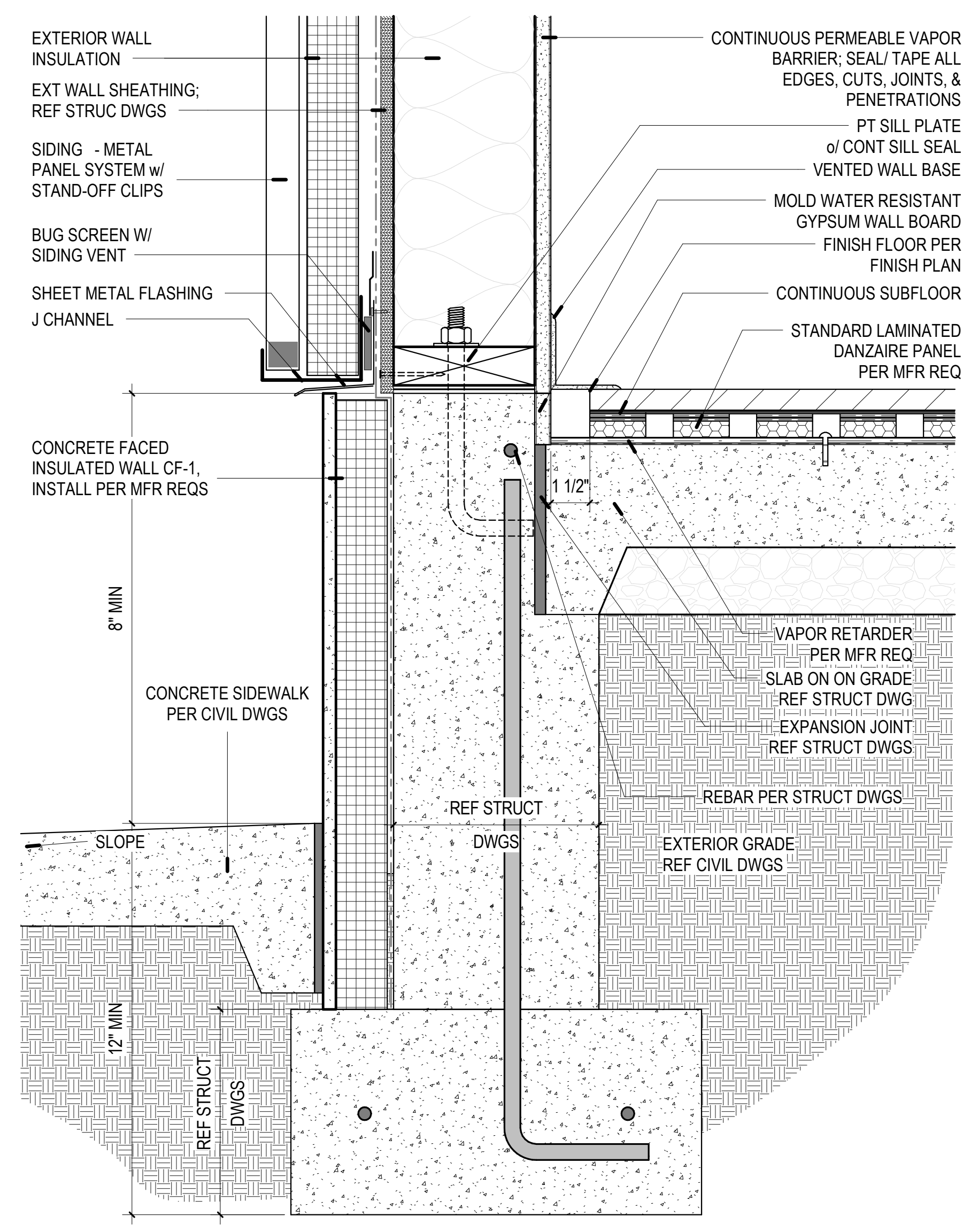
42'-8"
24"
12"
4"
0" SCALE: 3/32" = 1'-0"



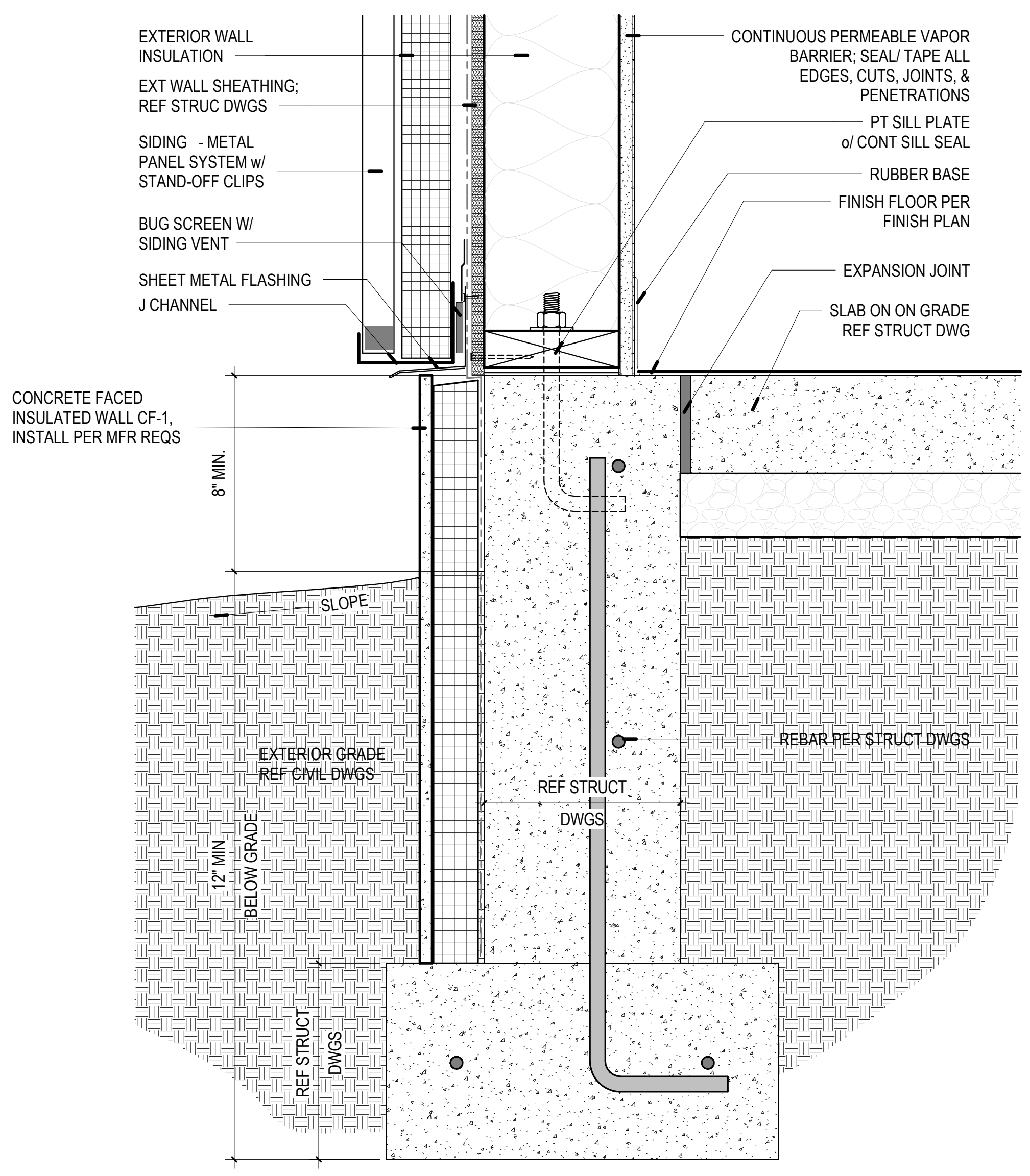
7 FOUNDATION DETAIL @ MEETING ROOM
3" = 1'-0"



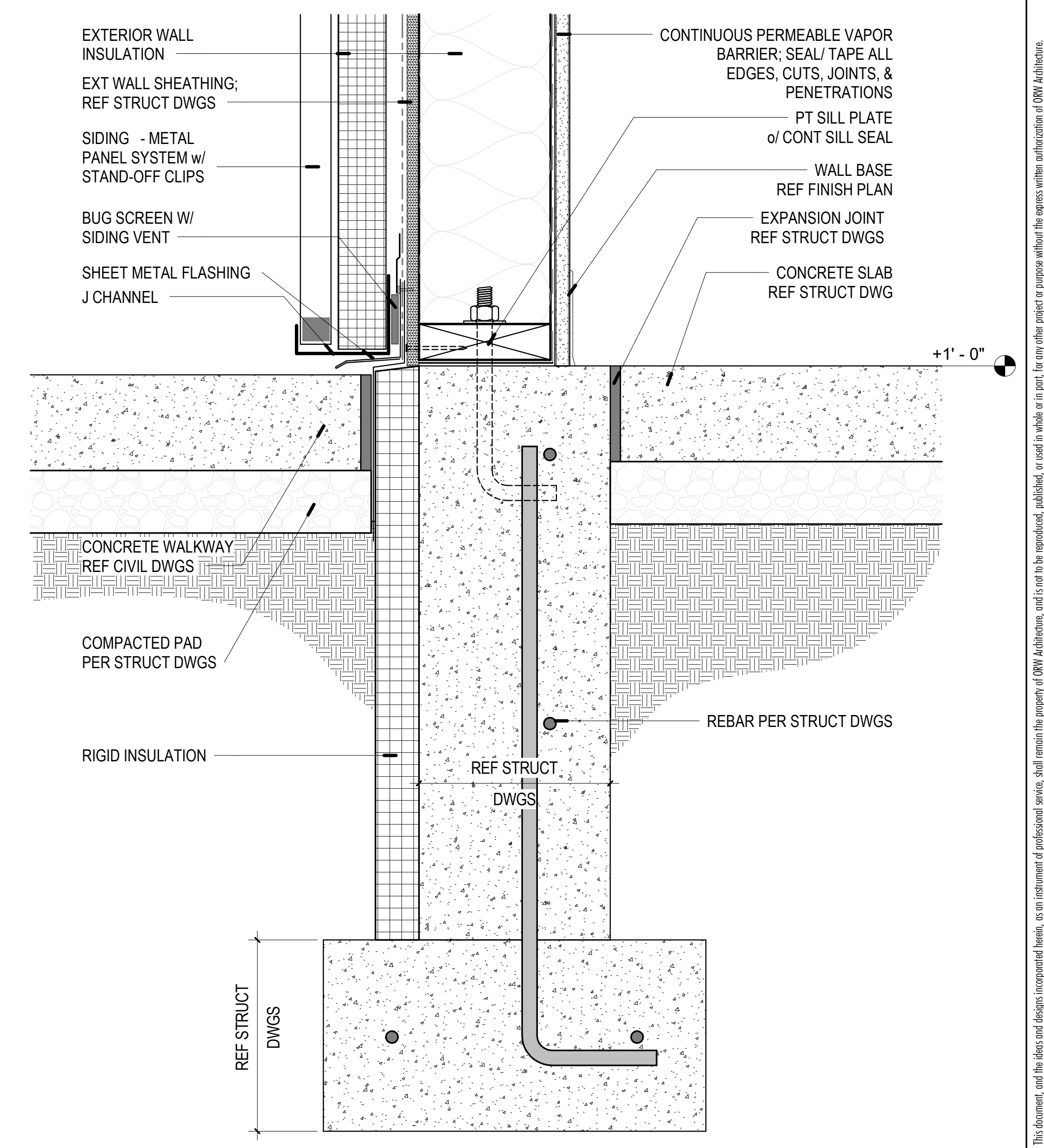
3 FOUNDATION DETAIL @ RAISED SLAB INTERIOR
3" = 1'-0"



9 FOUNDATION DETAIL @ RECESSED SLAB
3" = 1'-0"



5 FOUNDATION DETAIL @ EXTERIOR GRADE
3" = 1'-0"



1 FOUNDATION DETAIL @ RAISED SLAB EXTERIOR
3" = 1'-0"

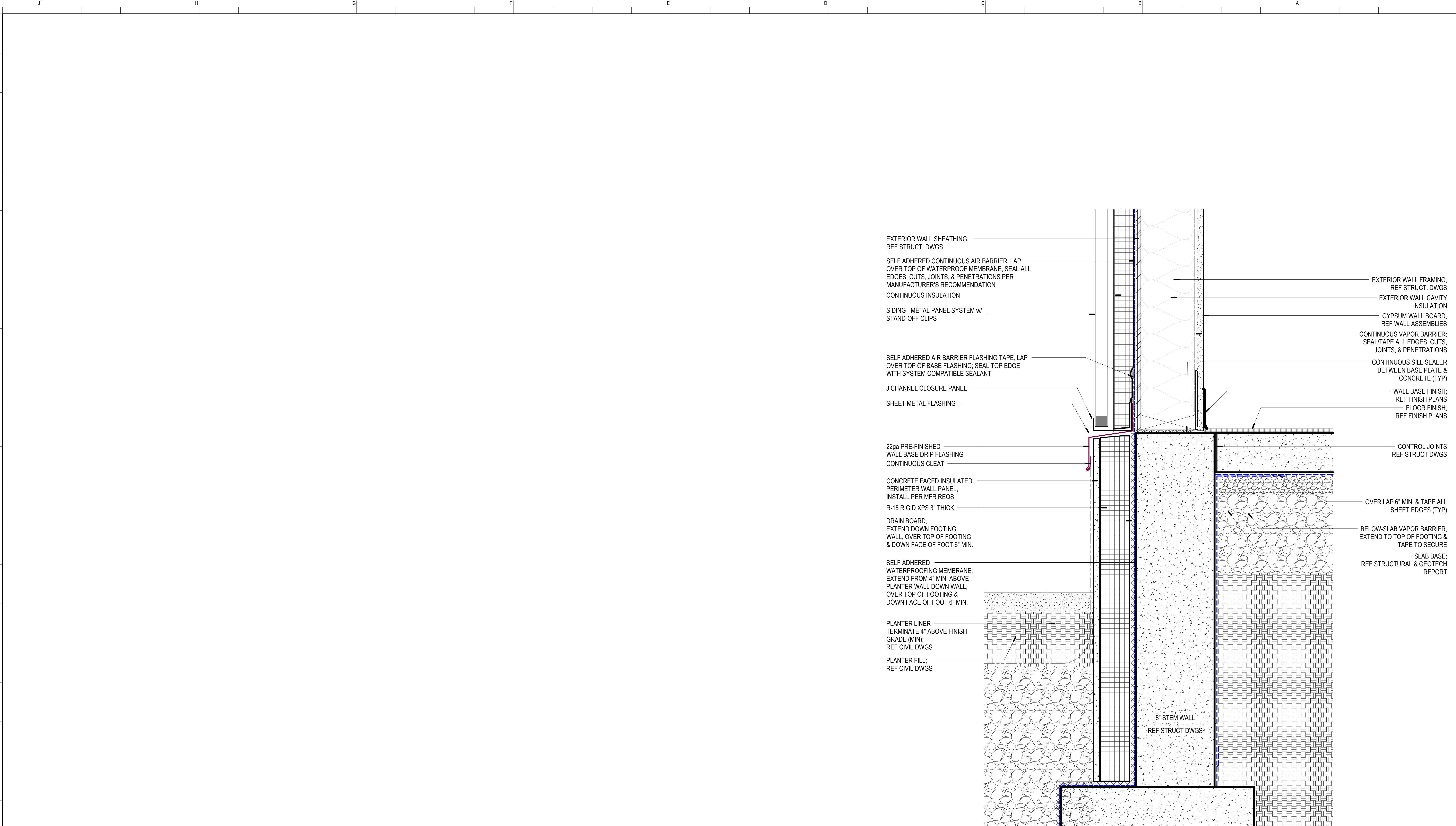


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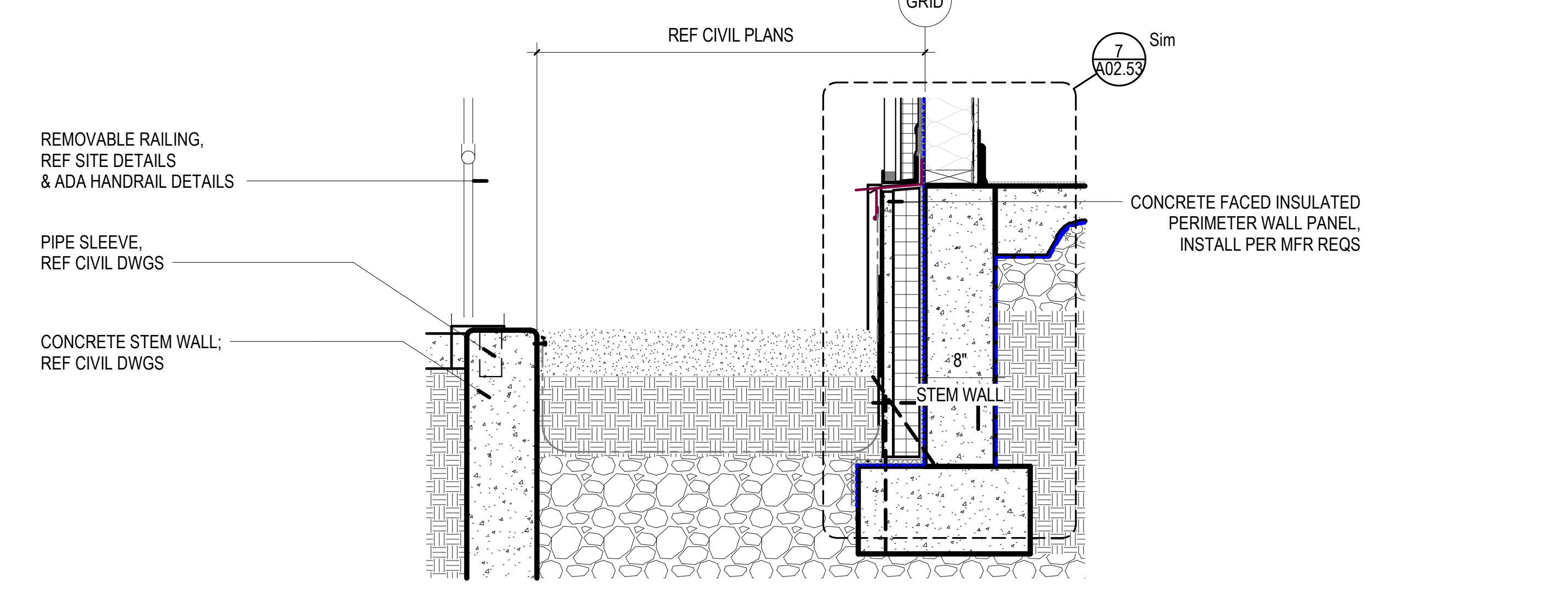
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 SCALE: 3/32" = 1'-0"
 SCALE: 1/8" = 1'-0"
 SCALE: 3/8" = 1'-0"
 SCALE: 1/4" = 1'-0"
 SCALE: 1 1/2" = 1'-0"
 SCALE: 3" = 1'-0"
 SCALE: 1'-4"



7 EXTERIOR WALL FOUNDATION @ PLANTER
 3" = 1'-0"



6 EXT WALL @ PLANTER
 1" = 1'-0"

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 P 541.779.5237

LICENSED ARCHITECT
 C-37478
 J. David Wilkerson, II
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 2024.12.09 20:52:23-08'00"

John Haynes Veterans Memorial Building
 483 Conger Street, Garberville, CA 95542
 Humboldt County
 APN: 032-011-006-000

FOUNDATION DETAILS

PROJECT: 2318
 DATE: 12/09/2024
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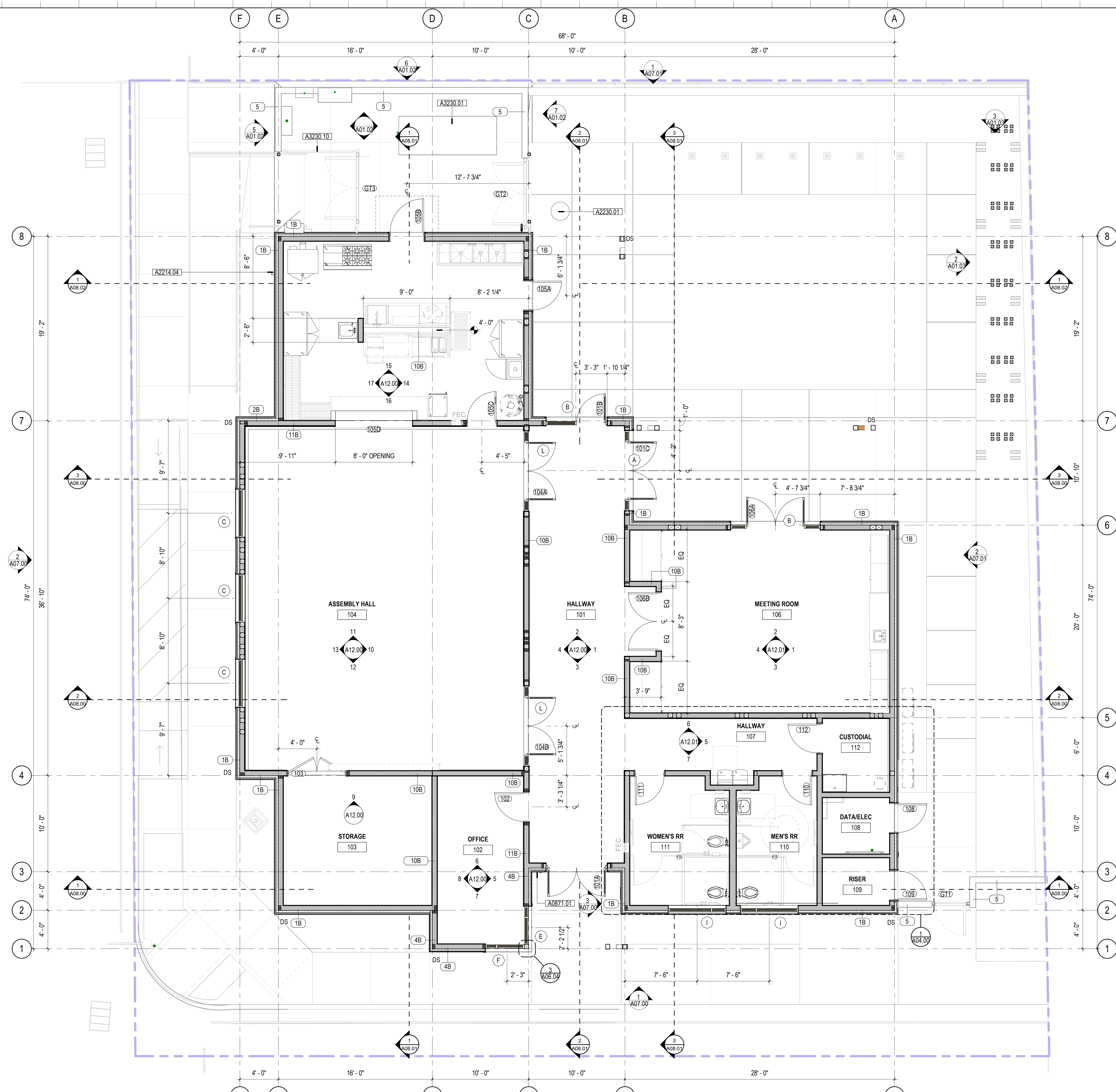
No.	Description	Date

A02.53

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 SCALE: 1/8" = 1'-0"
 SCALE: 3/8" = 1'-0"
 SCALE: 1/4" = 1'-0"
 SCALE: 1/2" = 1'-0"
 SCALE: 3/4" = 1'-0"
 SCALE: 1" = 1'-0"

1 FLOOR PLAN - LEVEL 01
 1/4" = 1'-0"



- GENERAL NOTES**
- ALL DIMENSIONS TO
 A. FACE OF STUD
 B. GRIDLINE
 - DIMENSIONS AND REFERENCE ARE SHOWN ON ENLARGED PLANS WHEN ENLARGED PLANS ARE PROVIDED

- LEGEND**
- 6" FOS OF RO
 - TYPICAL DOOR PLACEMENT
 - LAVATORY, REF PLUMB DWGS
 - WATER CLOSET, REF PLUMB DWGS
 - URINAL, REF PLUMB DWGS
 - FLOOR DRAIN REF PLUMB DWGS
 - 06 41 00 - CASEWORK - TALL CABINET
 - 06 41 00 - COUNTERTOP (W/ BASE CABINET BELOW
 - DRINKING FOUNTAIN REF PLUMB DWGS

KEYNOTES

#	NOTE
A0871.01	ADA PUSH BUTTON
A2214.04	ROOF DRAIN NOZZLE, REF PLUMB DWGS
A2230.01	PLUMBING EQUIPMENT, REF PLUMB DWGS
A3230.01	GENERATOR, REF ELEC DWGS
A3230.10	CHAIN LINK FENCE

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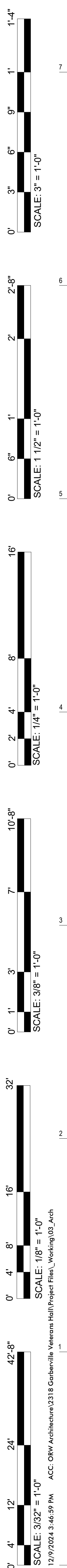
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FLOOR PLAN - LEVEL 01

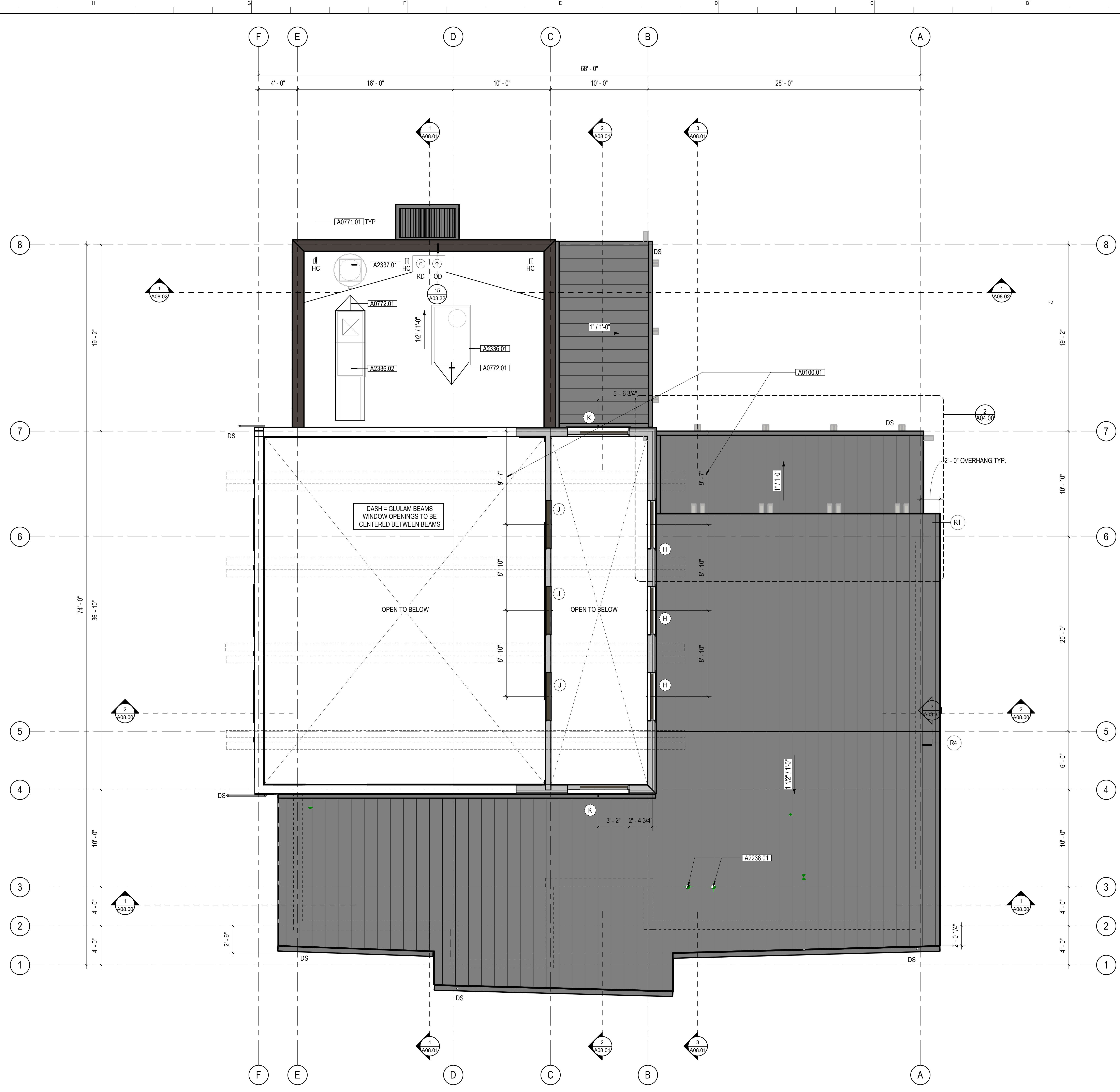
PROJECT: 2318
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No.	Description	Date

A03.11



1 LOWER ROOF PLAN
1/4" = 1'-0"



GENERAL NOTES

- 1.

LEGEND

- SLOPE 1/4" / FT → ROOF SLOPE
- ⊙ ⊙ ROOF DRAIN AND OVERFLOW, SEE PLUMBING DWGS
- [Hatched Box] STANDING SEAM METAL ROOF
- [White Box] MEMBRANE ROOF
- [Light Gray Box] EXTENTS OF LOWER ROOFS
- DS DOWNSPOUT
- WALLS BELOW
- [Hatched Box] CANOPY W/ STEEL TUBES
- HC STATION BASE ROD W/ HARNESS CLIP (BIDDER DESIGNED)

KEYNOTES

#	NOTE
A0100.01	DIMENSIONS ARE FOR GENERAL REFERENCE & WINDOWS ARE TO BE CENTERED BETWEEN WINDOWS
A0771.01	FALL ARREST SYSTEM, SHOWN SCHEMATICALLY. THE SYSTEM IS TO BE BIDDER DESIGNED TO BE COORDINATED WITH THE STRUCTURAL ENGINEER OF RECORD. TO MEET OSHA AND CALIFORNIA REQUIREMENTS.
A0772.01	TAPERED INSULATION CRICKETS
A2238.01	COMBINE HVAC VENTS FOR MINIMUM ROOF PENETRATIONS, REF MECH DWGS
A2336.01	HEAT PUMP, REF MECH DWGS
A2336.02	AIR HANDLER, REF MECH DWGS
A2337.01	ROOF EXHAUST, REF MECH DWGS

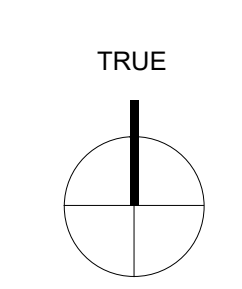


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PROJECT: 2318
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No.	Description	Date

A03.30



1'-4"
1'
9"
6"
3"
0"
SCALE: 3" = 1'-0"

7

2'-8"
2'
0"
SCALE: 1 1/2" = 1'-0"

5

16"
8"
4"
0"
SCALE: 1/4" = 1'-0"

15

10'-8"
7'
3'
0"
SCALE: 3/8" = 1'-0"

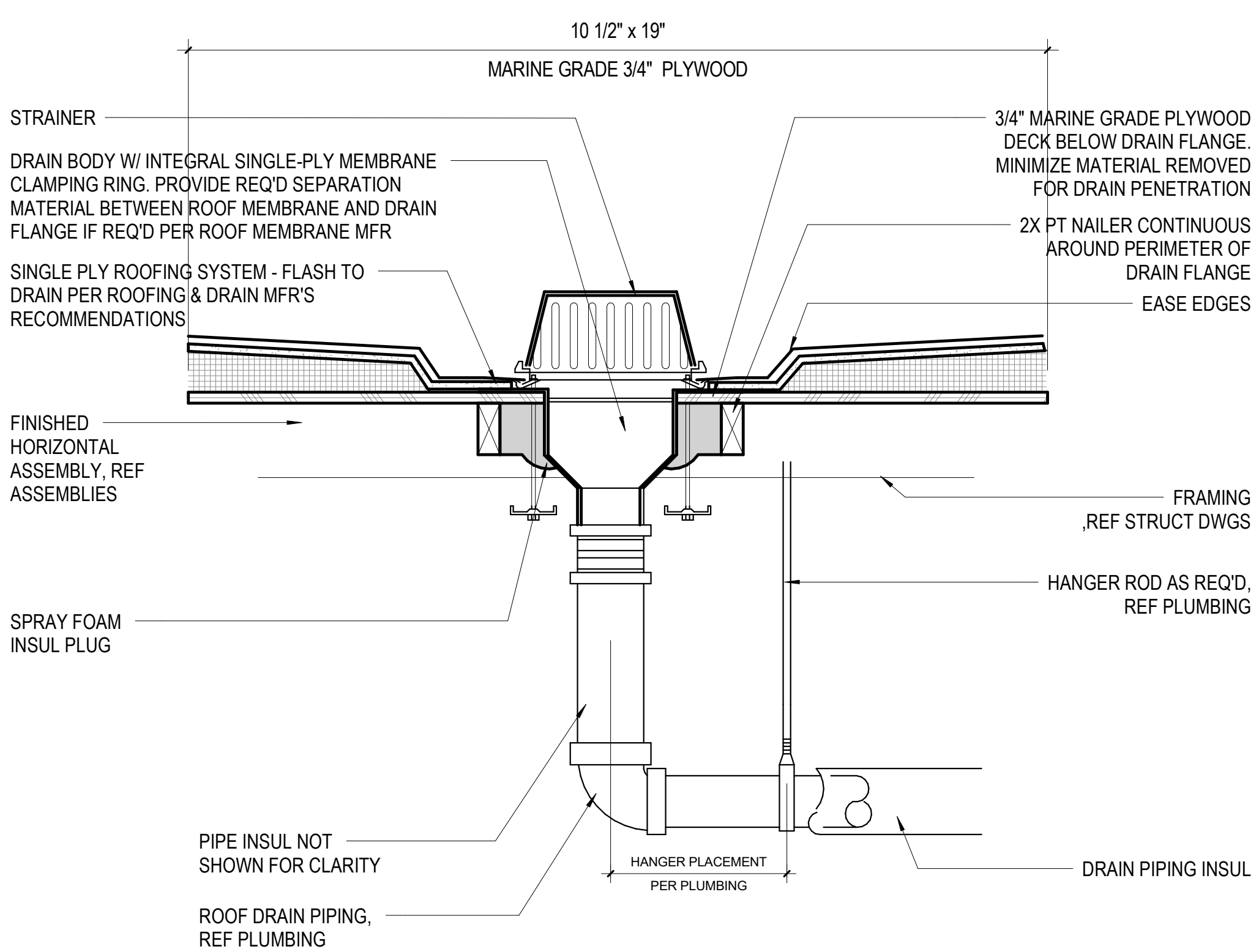
3

32"
16"
8"
4"
0"
SCALE: 1/8" = 1'-0"

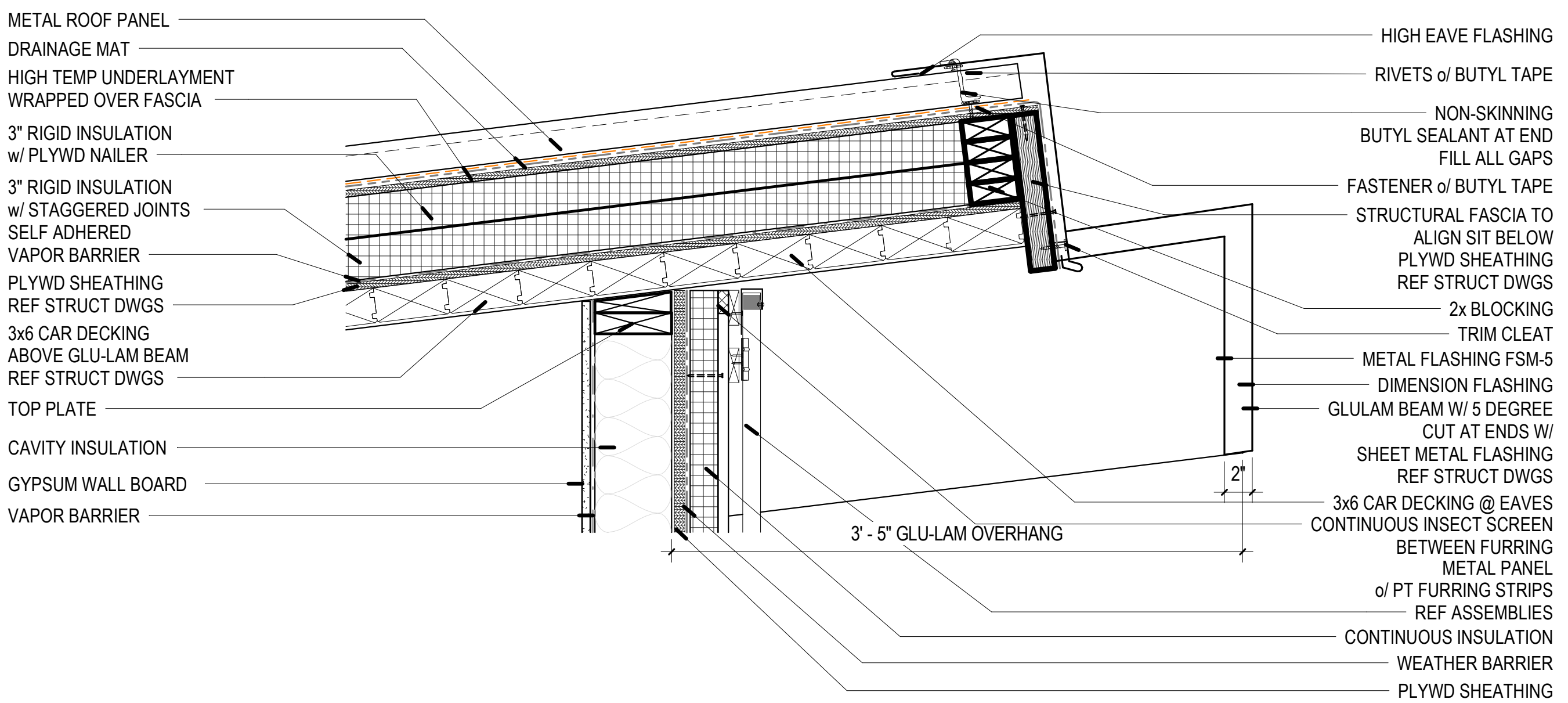
14

42'-8"
24"
12"
4"
0"
SCALE: 3/32" = 1'-0"

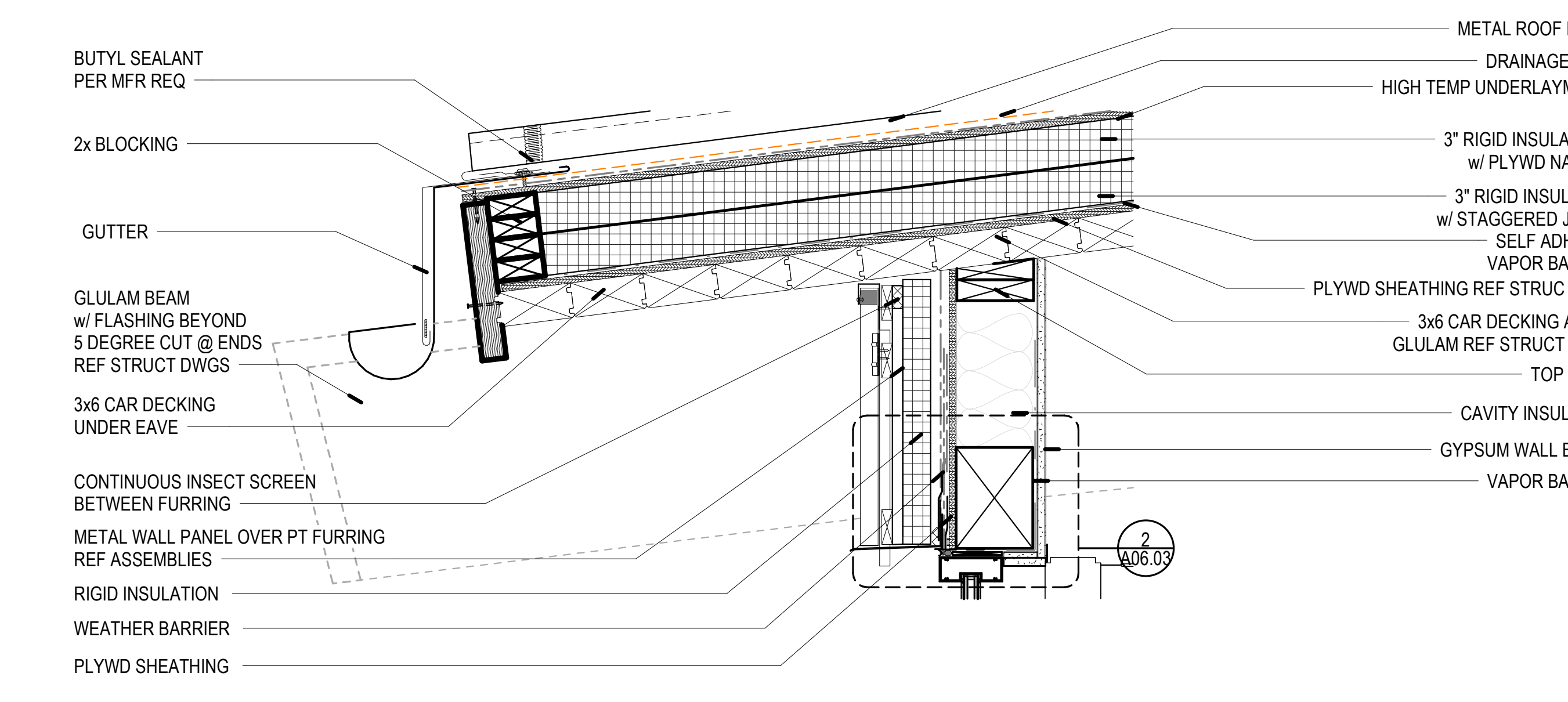
13



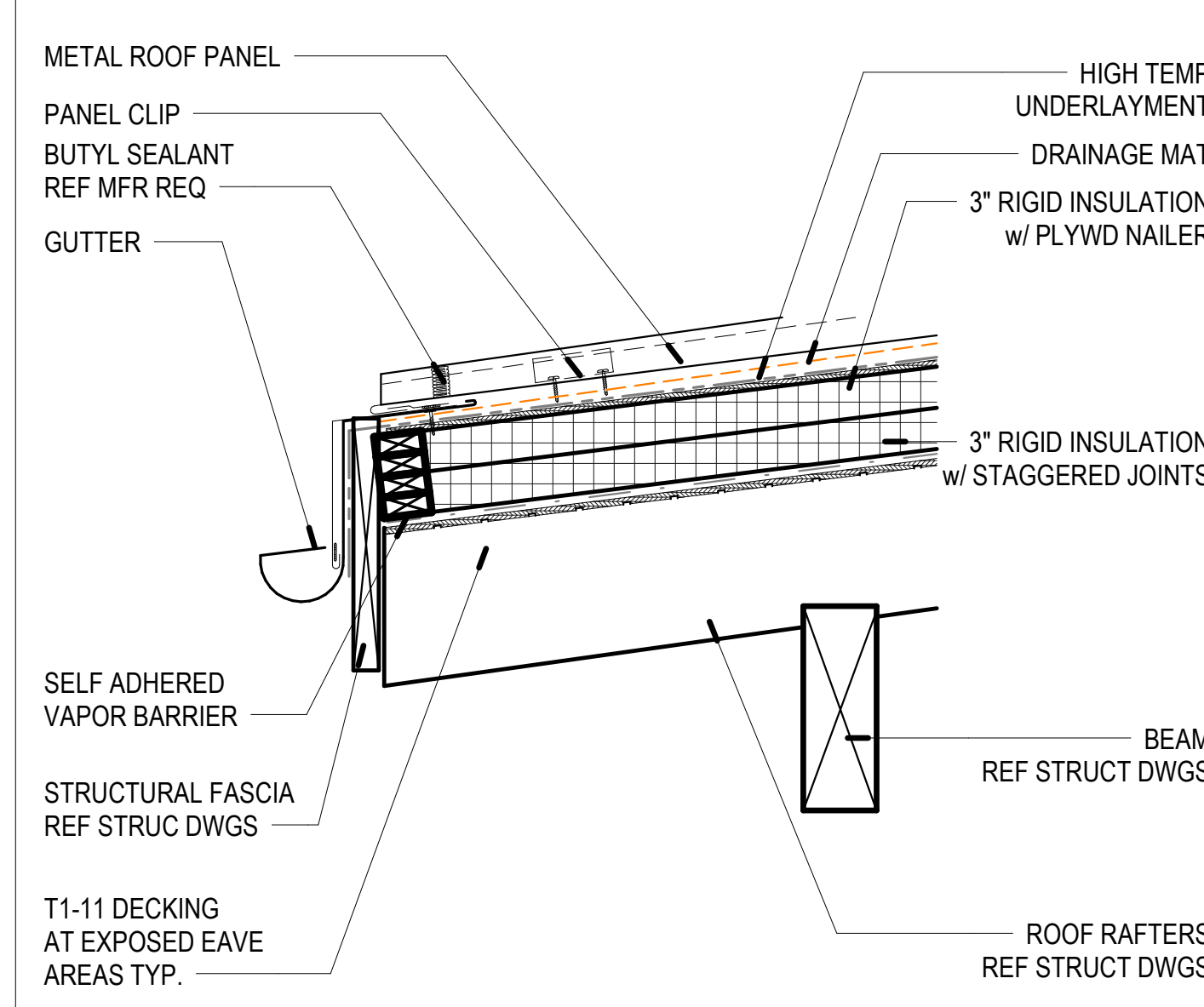
15 ROOF DRAIN DETAIL
1 1/2" = 1'-0"



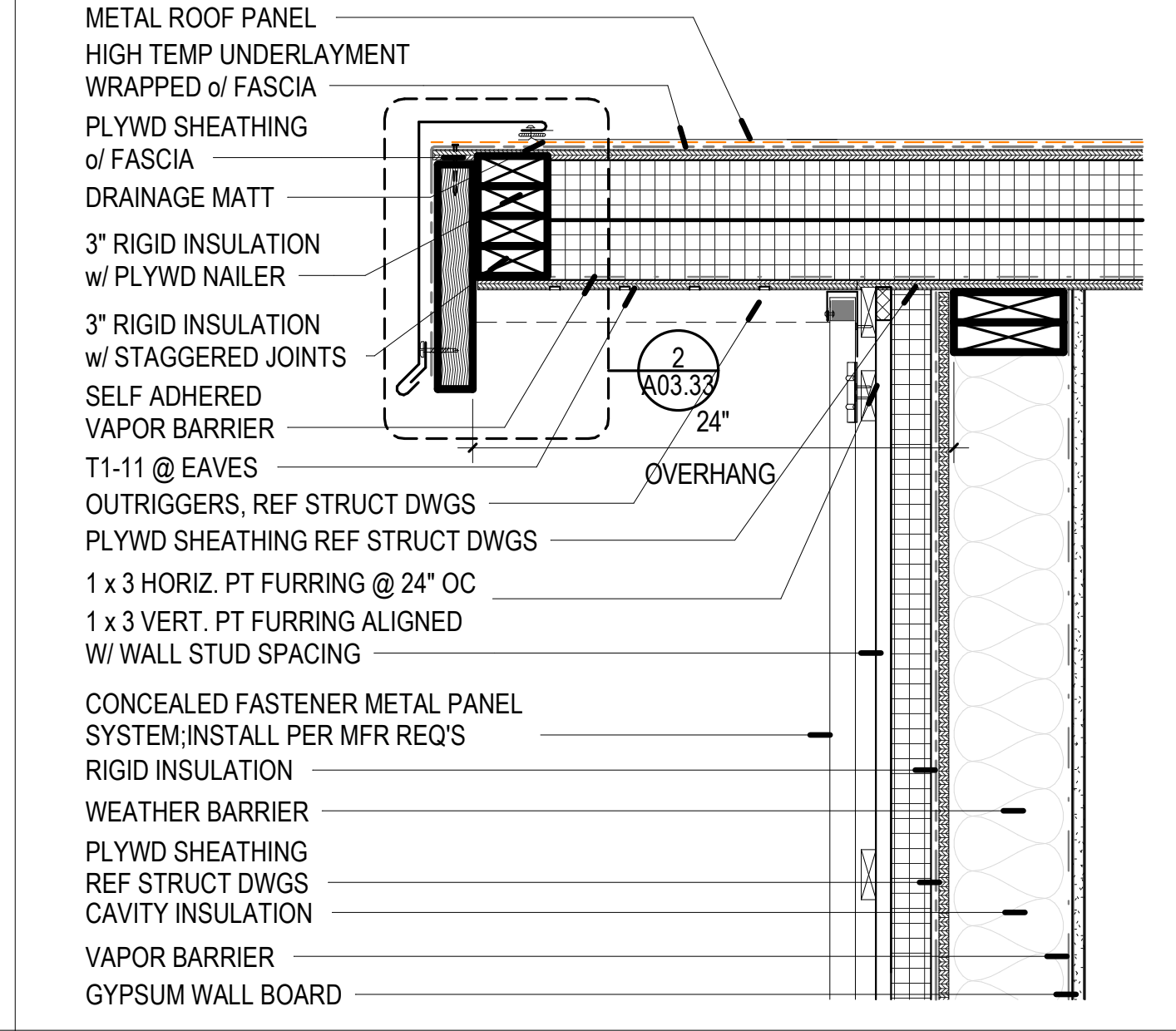
14 HIGH EAVE @ ASSEMBLY ROOF
1 1/2" = 1'-0"



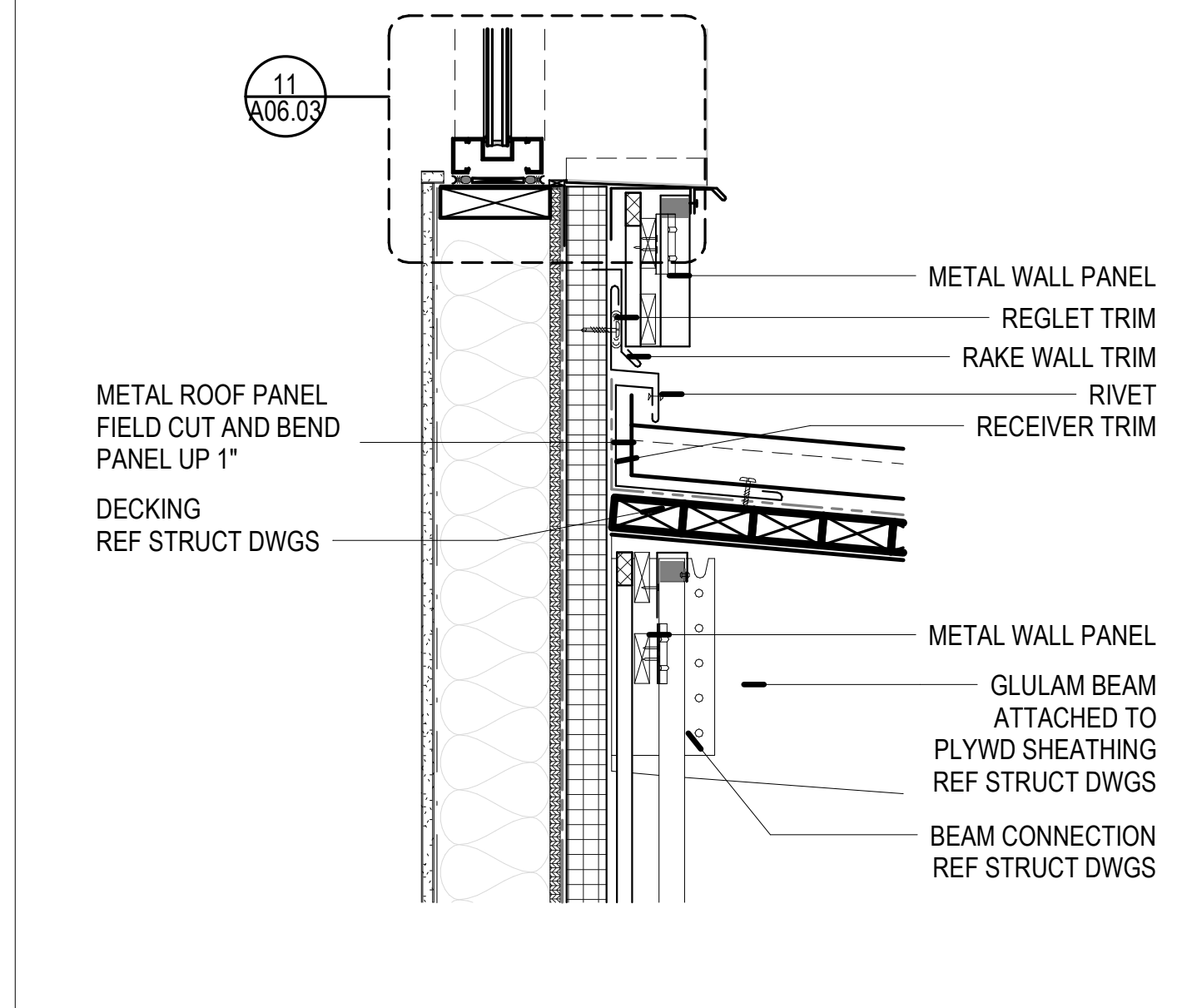
13 LOW EAVE @ ASSEMBLY ROOF
1 1/2" = 1'-0"



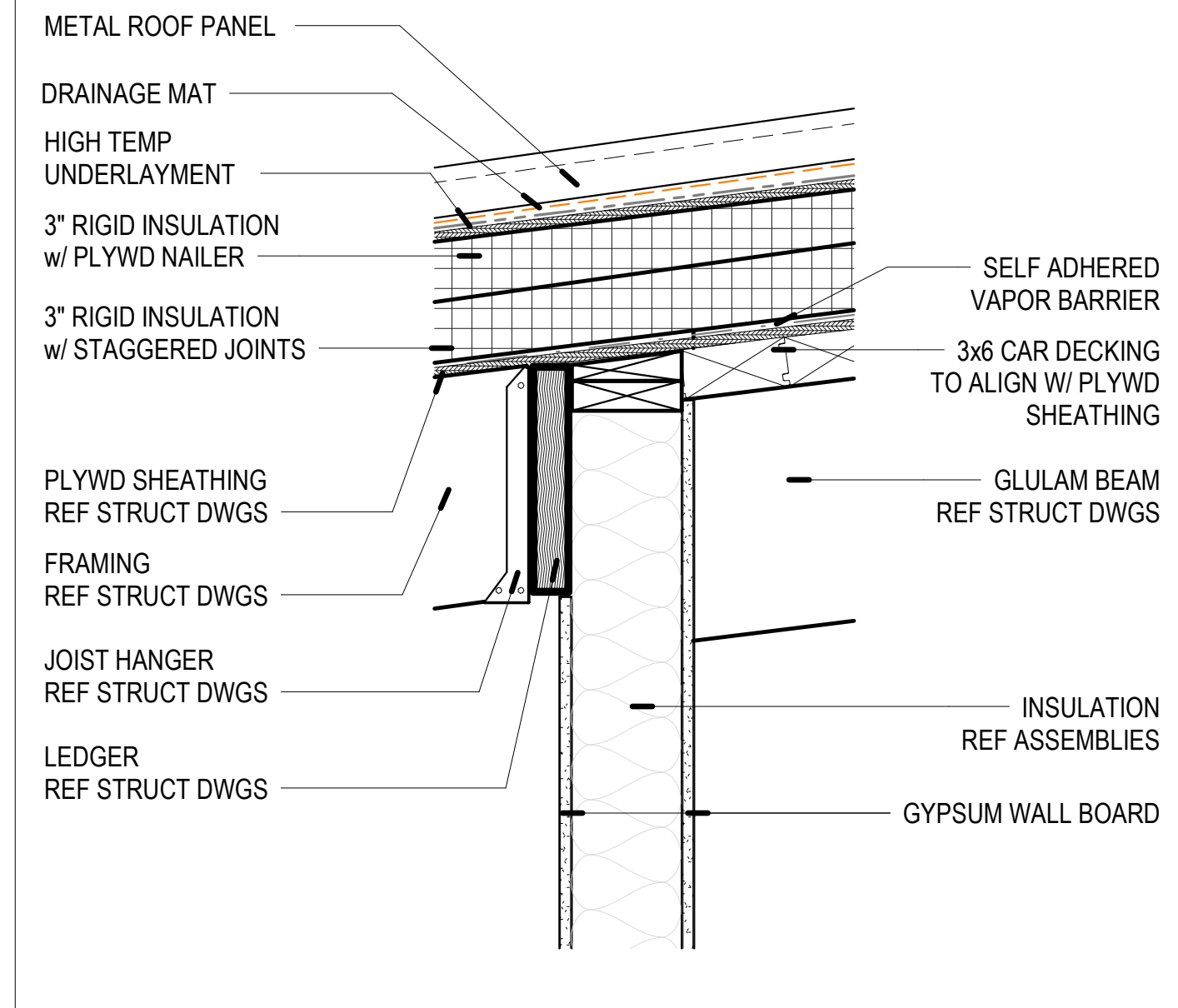
12 EAVE DETAIL @ ENTRANCE EXTERIOR BEAM
1" = 1'-0"



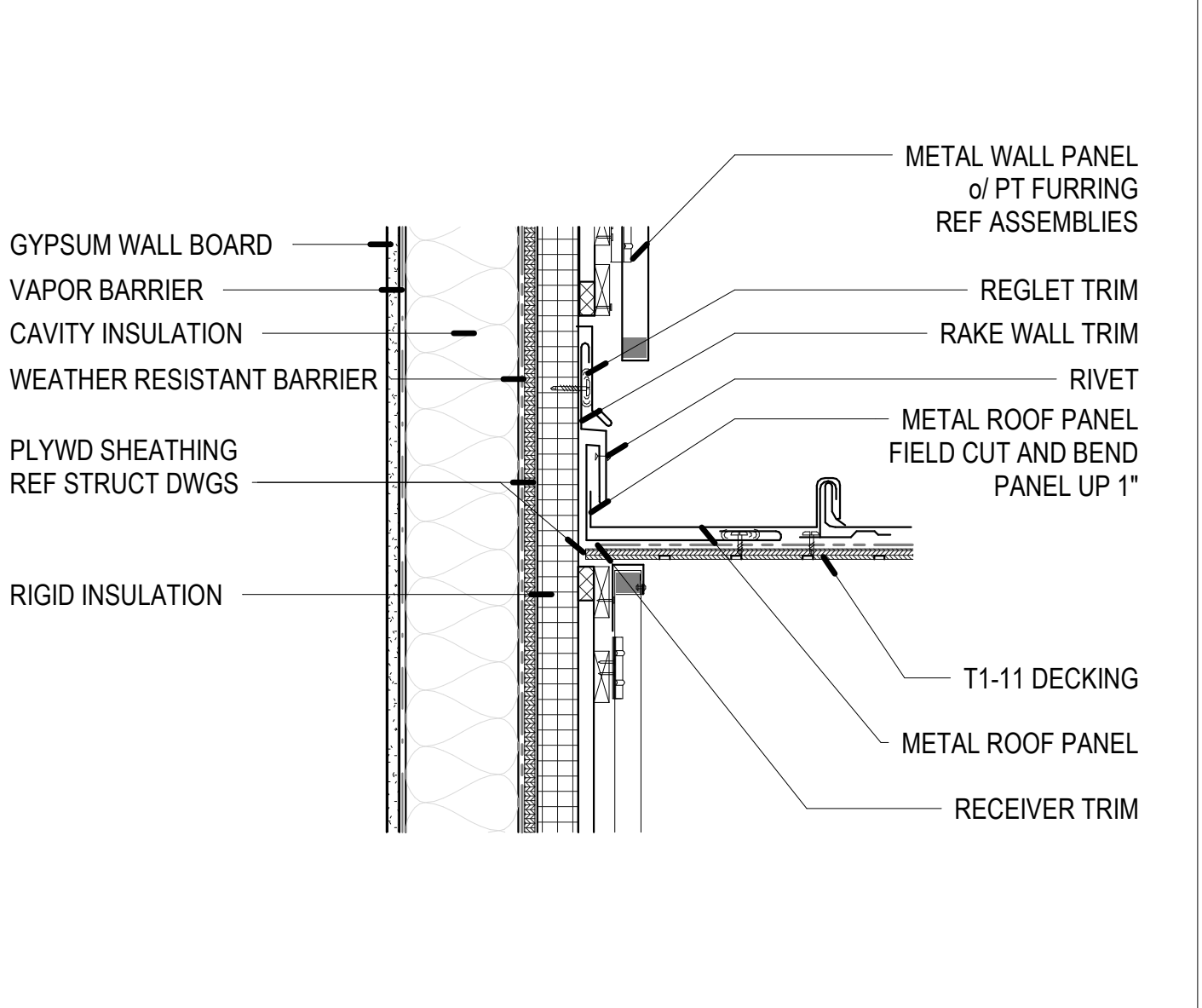
11 EAVE DETAIL @ LOWER ROOF
1 1/2" = 1'-0"



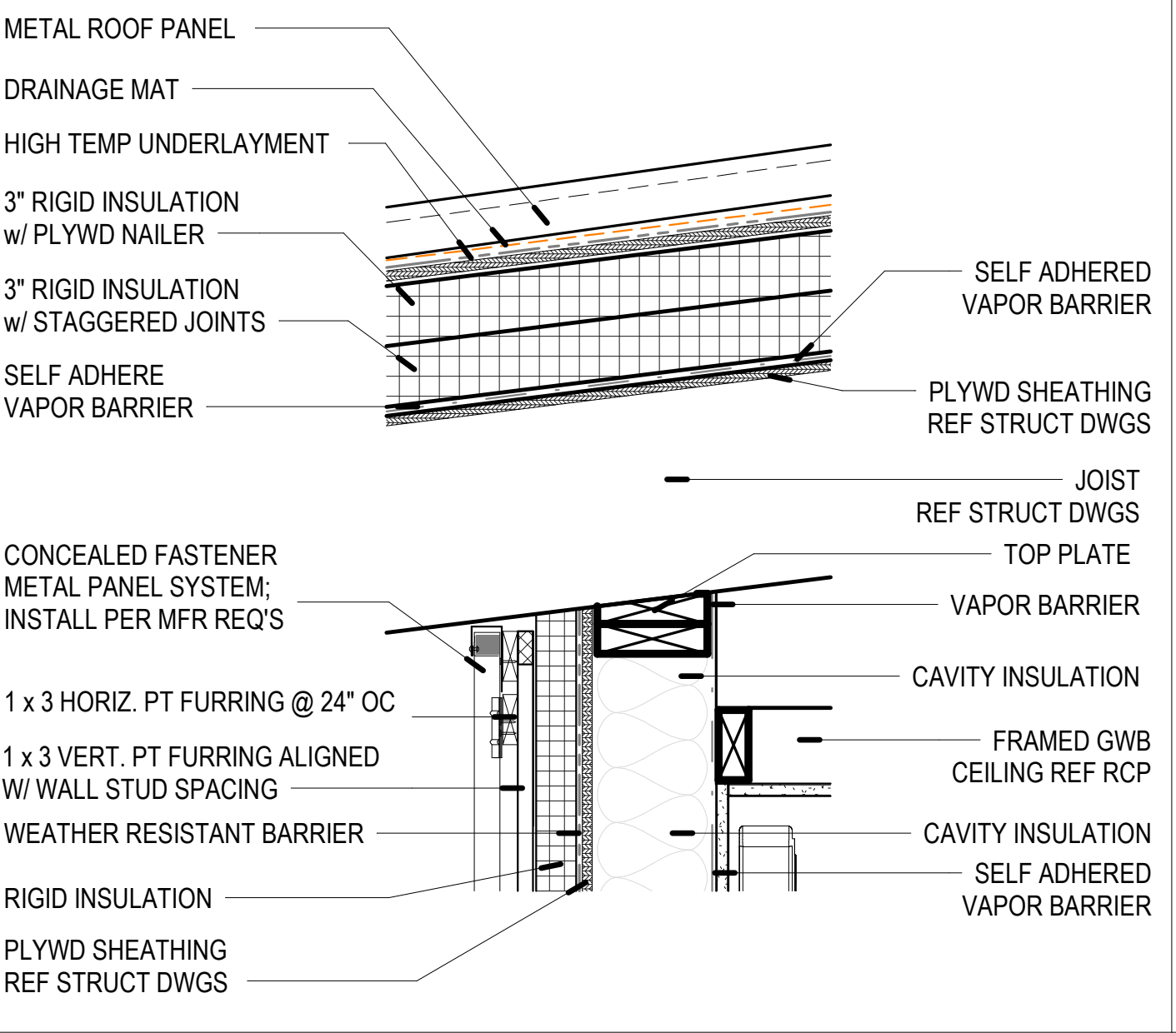
10 CANOPY ROOF @ EXTERIOR WALL
1 1/2" = 1'-0"



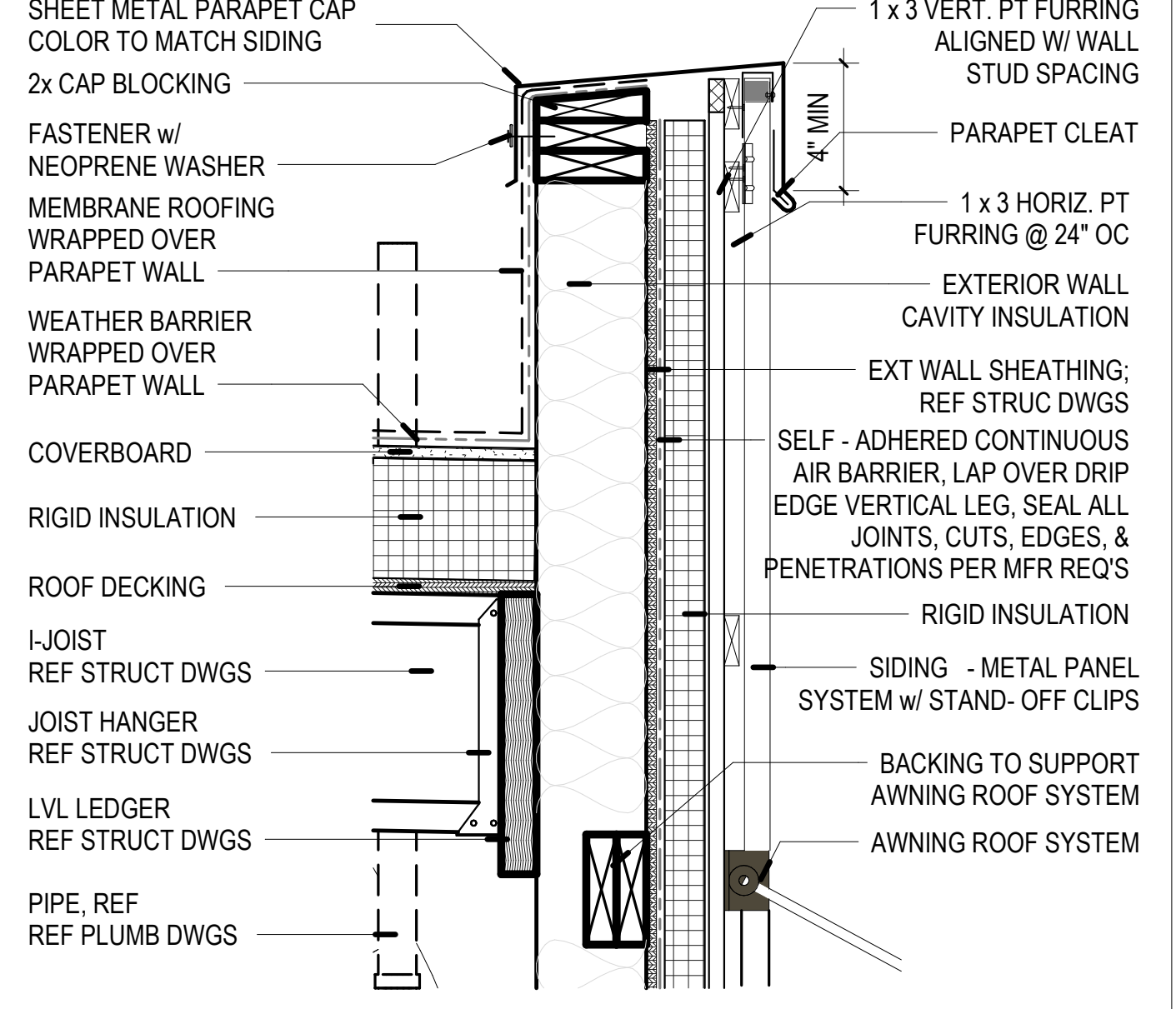
9 ROOF DETAIL @ WALL BETWEEN TJIS & GLU-LAM BEAM
1 1/2" = 1'-0"



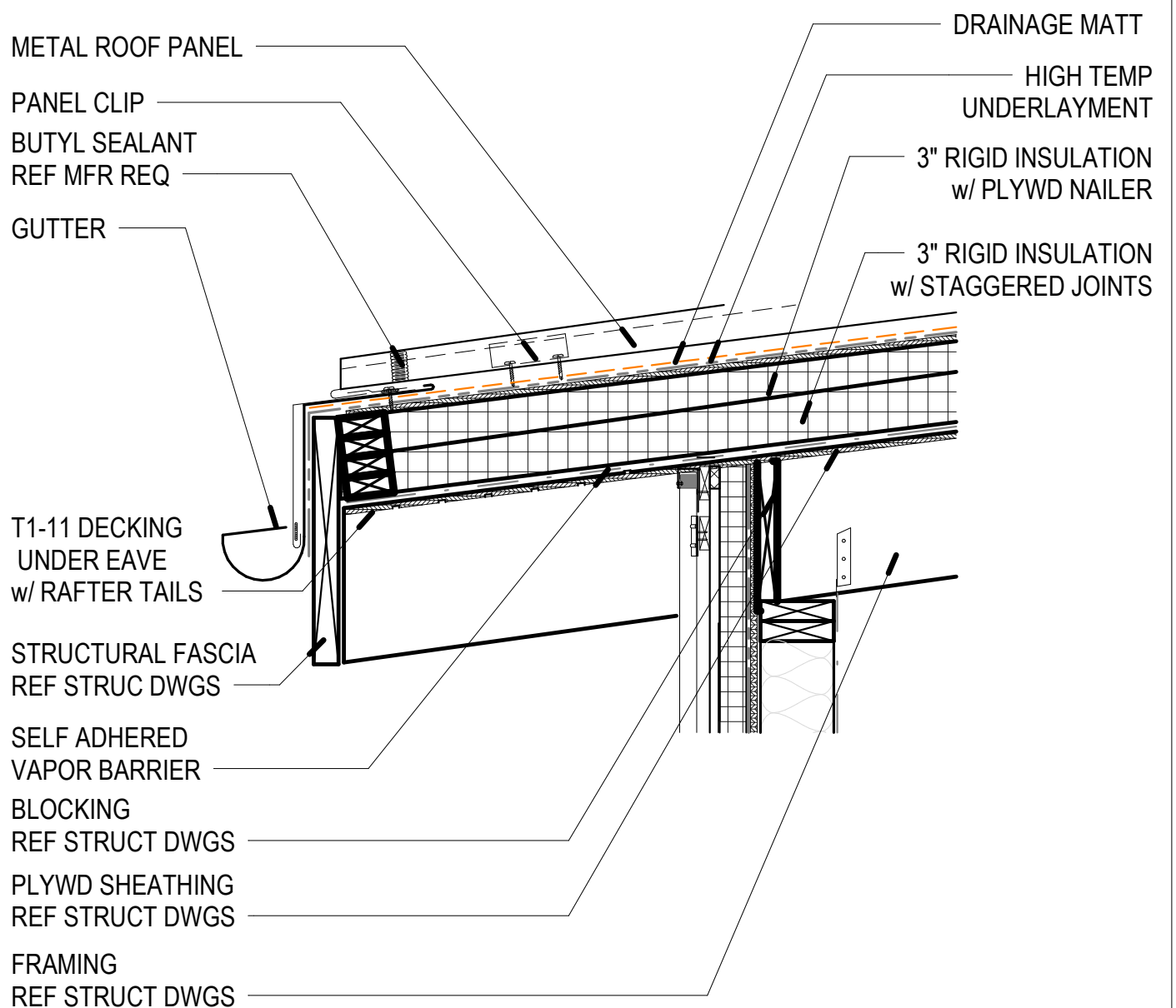
8 KITCHEN CANOPY @ METAL WALL PANEL
1 1/2" = 1'-0"



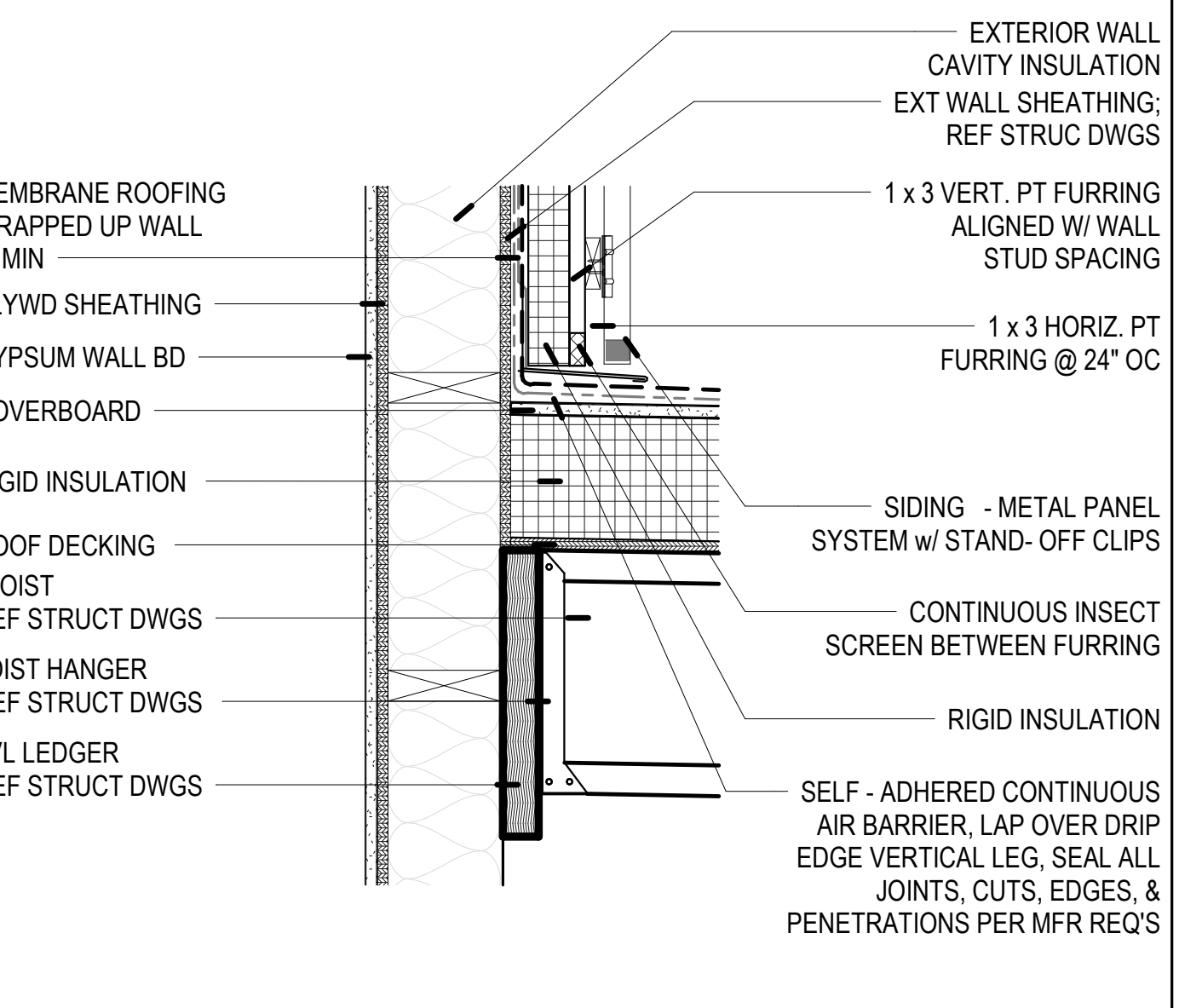
7 TOP WALL CONNECTION @ LOWER ROOF
1 1/2" = 1'-0"



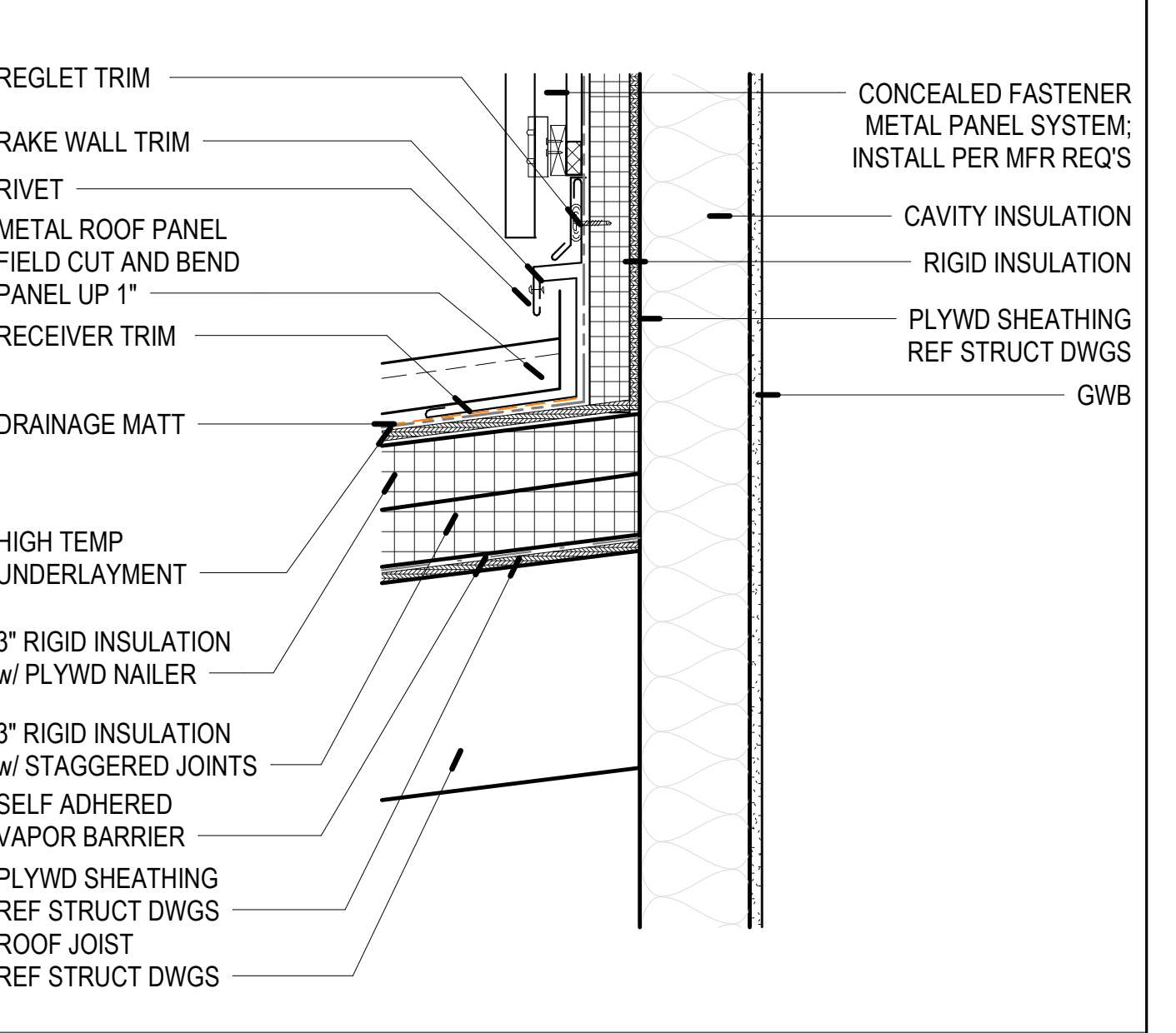
6 PARAPET CAP DETAIL @ KITCHEN
1 1/2" = 1'-0"



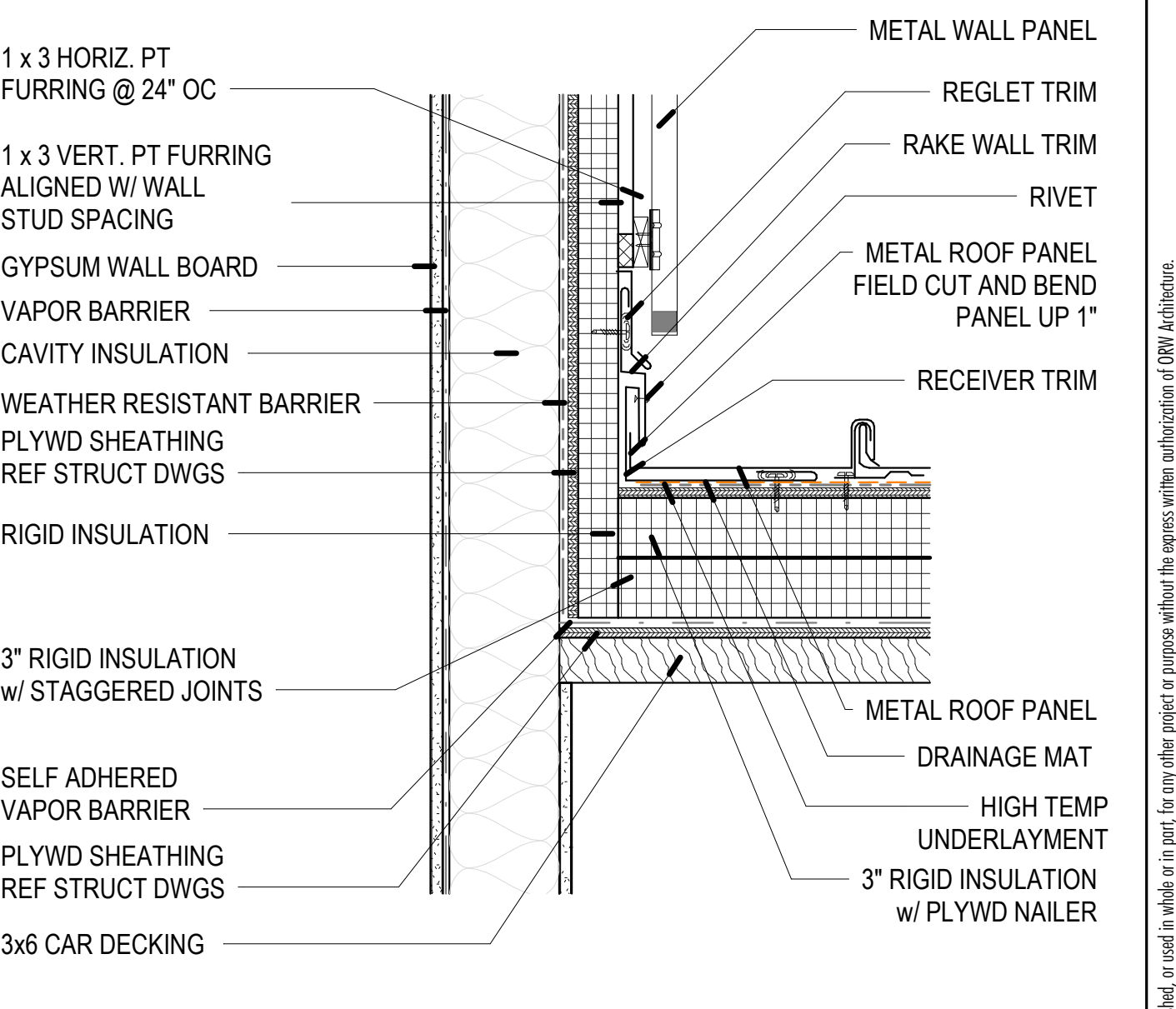
5 EAVE DETAIL @ LOWER ROOF TYP.
1" = 1'-0"



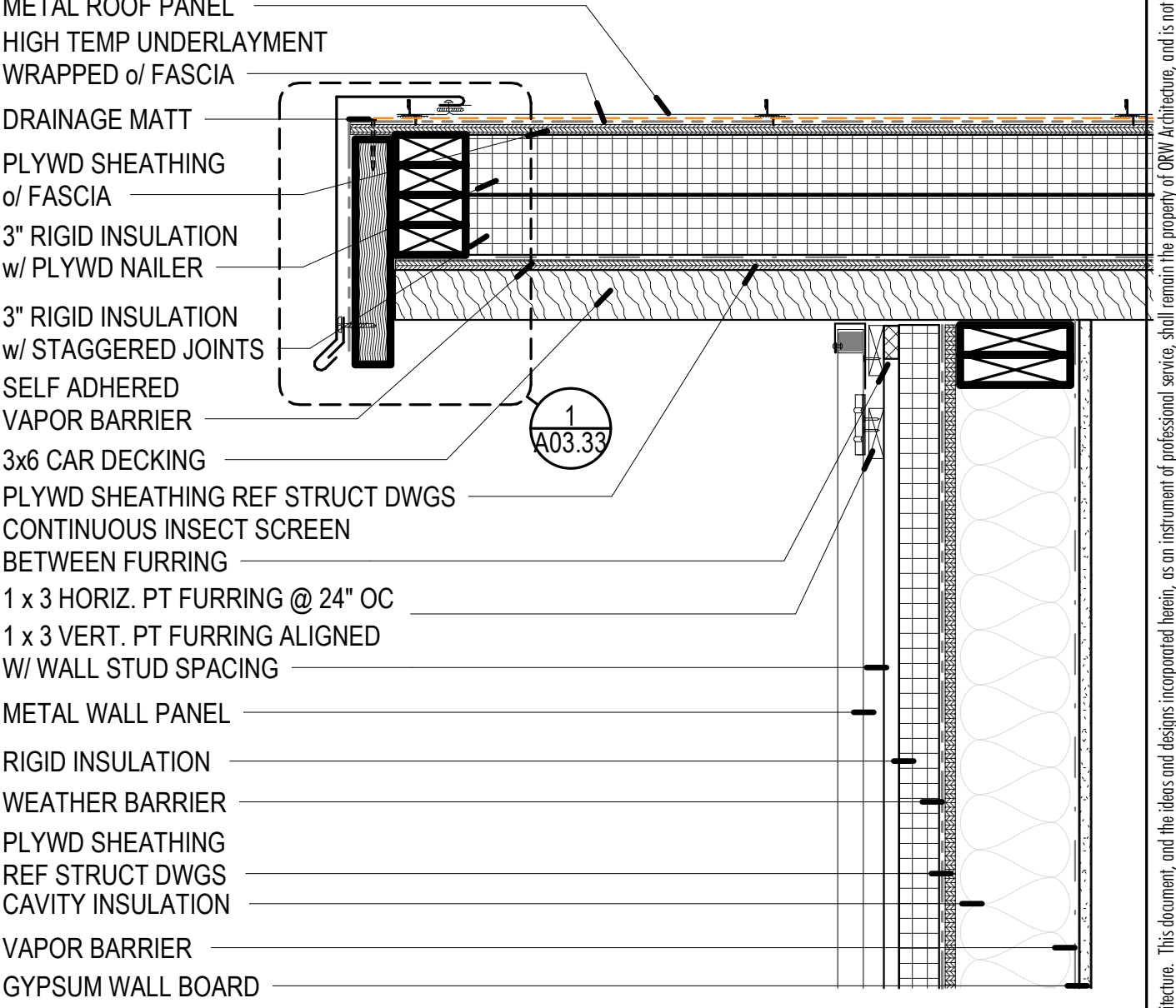
4 MEMBRANE ROOFING @ EXTERIOR SIDING
1 1/2" = 1'-0"



3 WALL CONNECTION @ LOWER ROOF
1 1/2" = 1'-0"



2 MEETING ROOF @ EXTERIOR SIDING
1 1/2" = 1'-0"



1 EAVE DETAIL @ ASSEMBLY ROOF
1 1/2" = 1'-0"

ORW ARCHITECTURE

WWW.ORWARCHITECTURE.COM
29 S. GARFIELD STREET
HUMBOLDT COUNTY, CA 95501
754.1.779.5237

LICENSED ARCHITECT
C-37478
J. David Wilkerson, II
STATE OF CALIFORNIA
2024.12.09 20:40:37-08:00

John Haynes Veterans Memorial Building
483 Conger Street, Garberville, CA 95542
Humboldt County
APN: 032-011-006-000

PROJECT: 2318
DATE: 12/09/2024
ISSUE: 100% CD

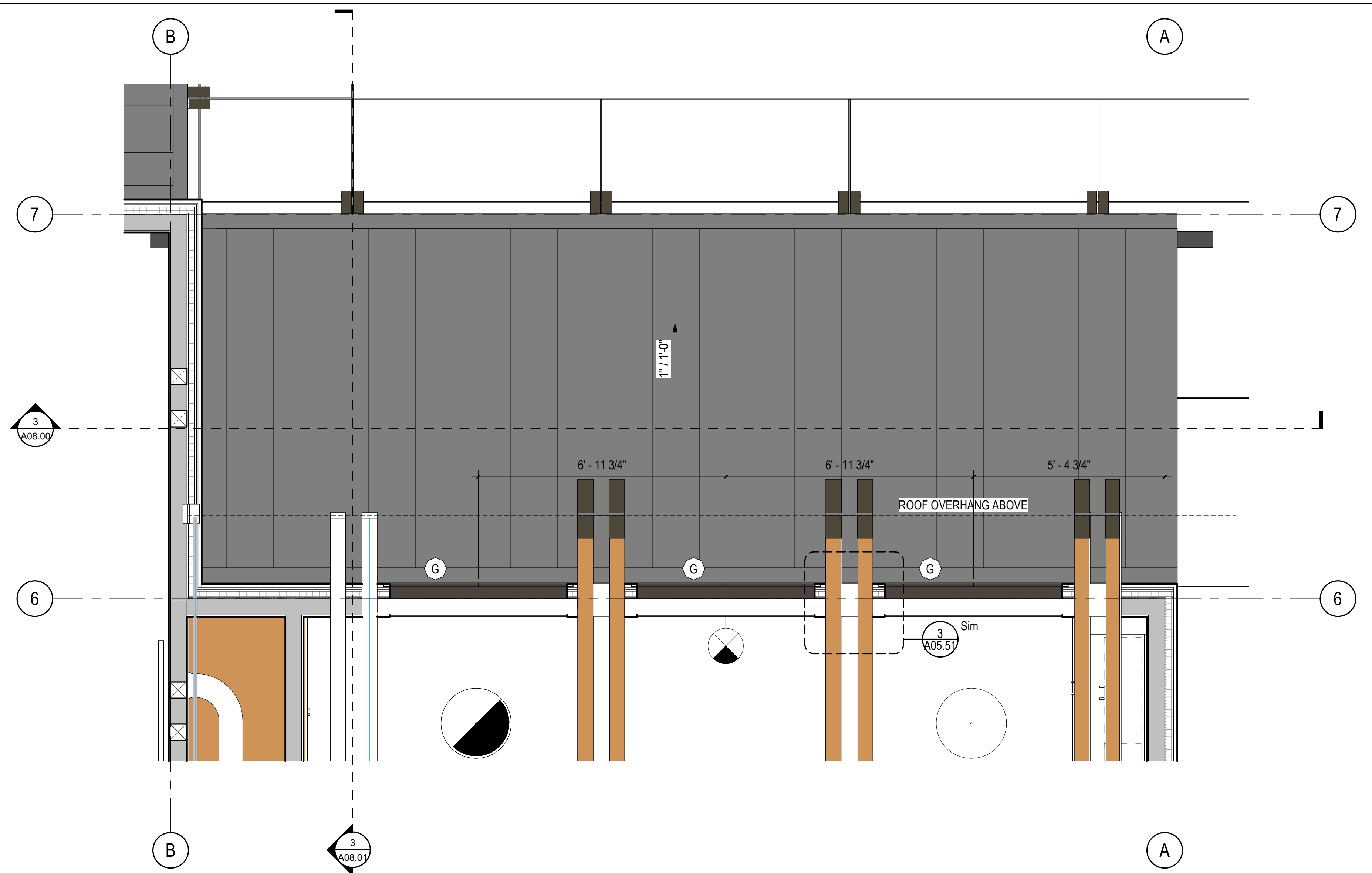
No.	Description	Date

A03.32

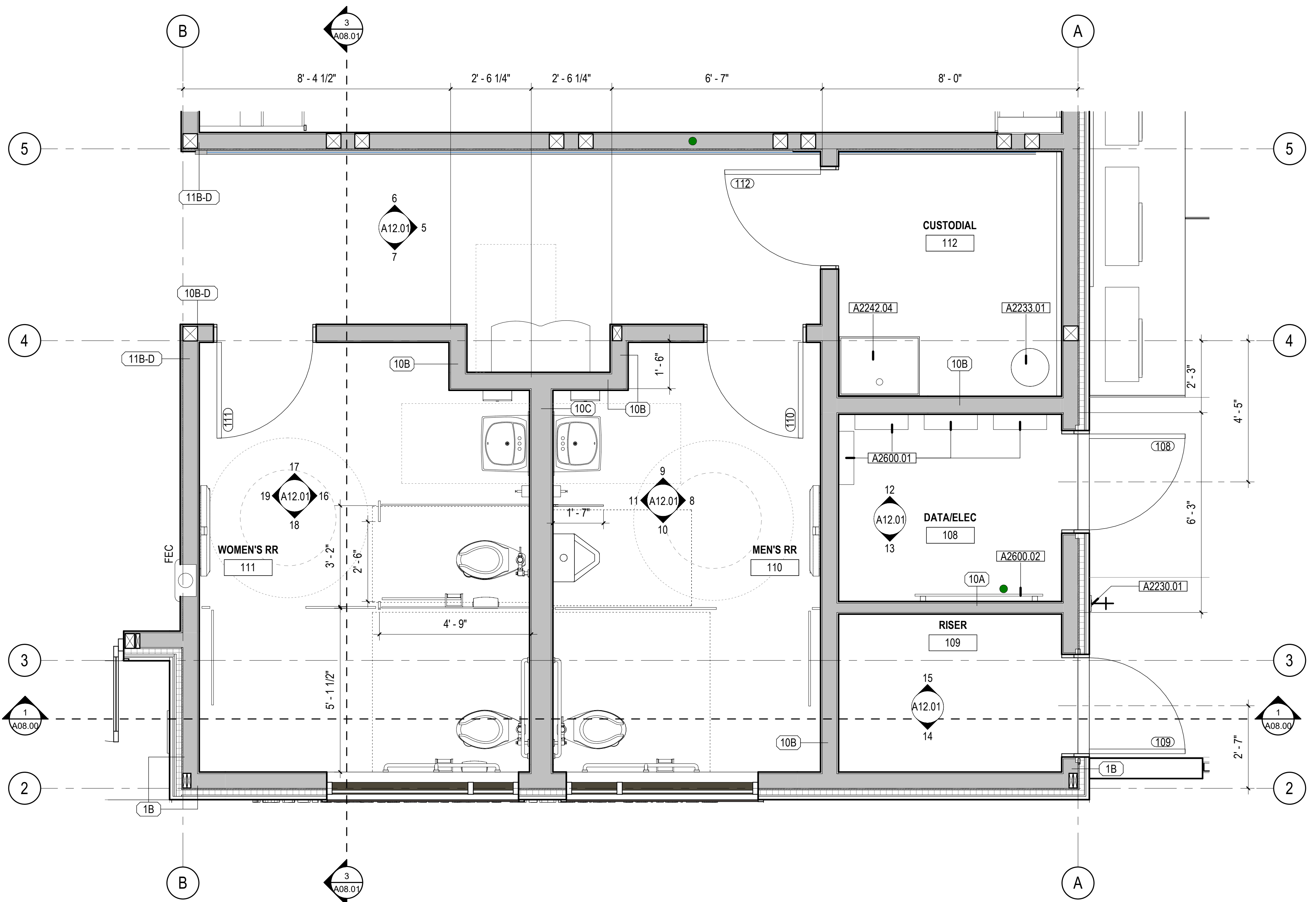
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12/9/2024 3:47:05 PM ACC: ORW Architecture\2318 Garberville Veterans Hall\Project Files_Working\03_dwg03

SCALE: 3/32" = 1'-0"
SCALE: 3/8" = 1'-0"
SCALE: 1/8" = 1'-0"
SCALE: 3/16" = 1'-0"
SCALE: 1/4" = 1'-0"
SCALE: 1/2" = 1'-0"
SCALE: 3/4" = 1'-0"
SCALE: 1" = 1'-0"
SCALE: 1 1/2" = 1'-0"
SCALE: 2" = 1'-0"
SCALE: 3" = 1'-0"
SCALE: 4" = 1'-0"
SCALE: 6" = 1'-0"
SCALE: 8" = 1'-0"
SCALE: 10" = 1'-0"
SCALE: 12" = 1'-0"
SCALE: 16" = 1'-0"
SCALE: 24" = 1'-0"
SCALE: 32" = 1'-0"
SCALE: 42" = 1'-0"
SCALE: 1'-0" = 1'-0"



2 LOWER ROOF PLAN - CLERESTORY WINDOWS
1/2" = 1'-0"



1 ENLARGED PLAN - RESTROOMS, RISER, DATA/ELEC
1/2" = 1'-0"

GENERAL NOTES

- ALL DIMENSIONS TO
A. FACE OF STUD
B. GRIDLINE
DIMENSIONS AND REFERENCE ARE SHOWN ON ENLARGED PLANS WHEN ENLARGED PLANS ARE PROVIDED

LEGEND

- 6" FOS OF RO
- TYPICAL DOOR PLACEMENT
- LAVATORY, REF PLUMB DWGS
- WATER CLOSET, REF PLUMB DWGS
- URINAL, REF PLUMB DWGS
- FLOOR DRAIN REF PLUMB DWGS
- 06 41 00 - CASEWORK - TALL CABINET
- 06 41 00 - COUNTERTOP (W/ BASE CABINET BELOW)

KEYNOTES

#	REF PINOTE DWGS
A2230.01	PLUMBING EQUIPMENT, REF PLUMB DWGS
A2233.01	ELECTRIC WATER HEATER, REF PLUMB DWGS
A2242.04	MOP SINK, REF PLUMB DWGS
A2600.01	ELECTRICAL PANEL, REF ELEC DWGS
A2600.02	TELEPHONE TERMINAL BOARD, REF ELEC DWGS



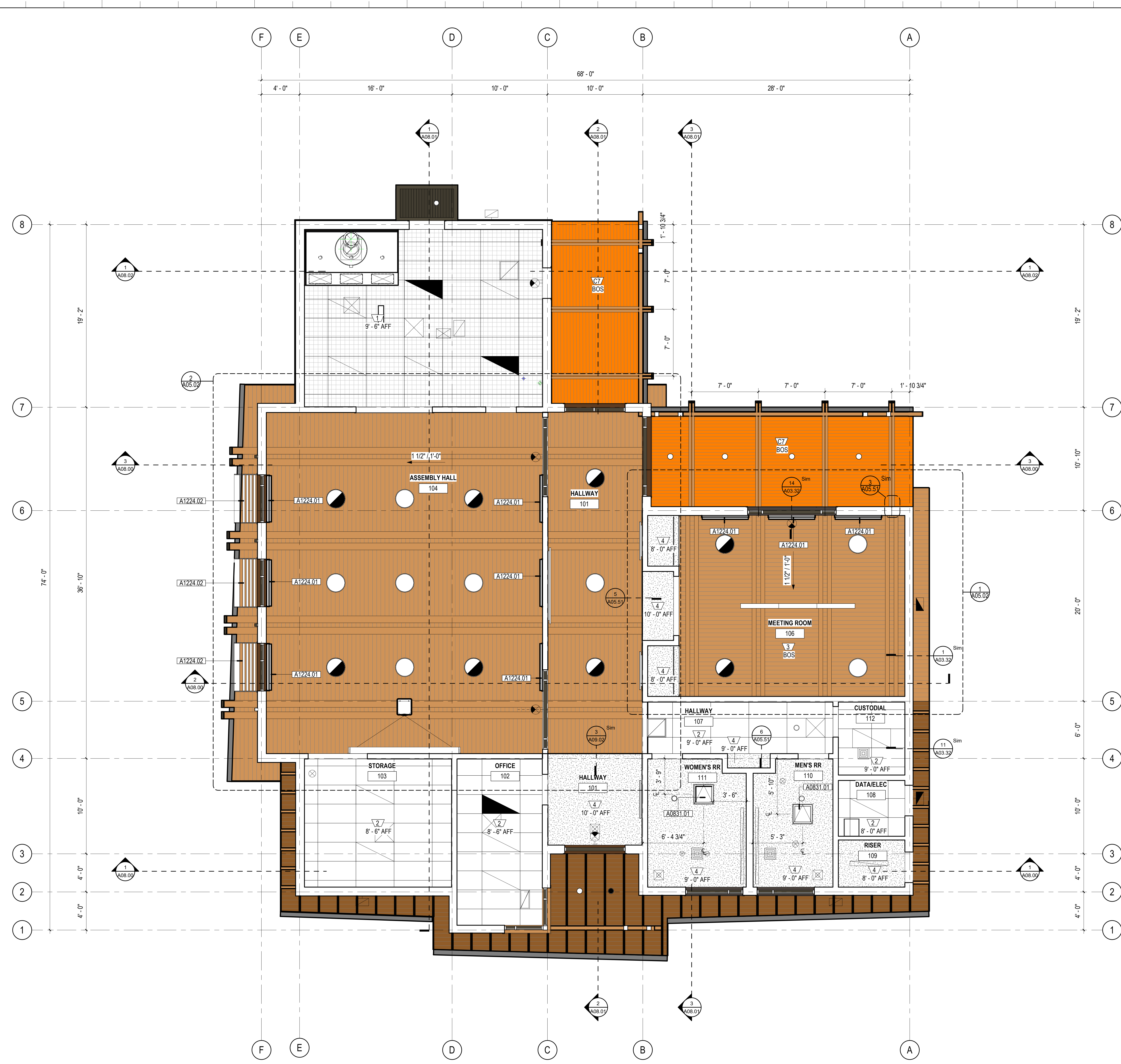
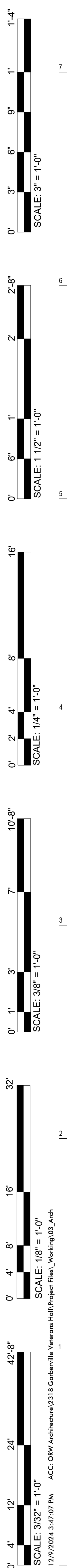
John Haynes Veterans Memorial Building
483 Conger Street, Garberville, CA 95542
Humboldt County
APN: 032-011-006-000

PROJECT: 2318
DATE: 12/09/2024
ISSUE: 100% CD

No.	Description	Date

A04.00

TRUE

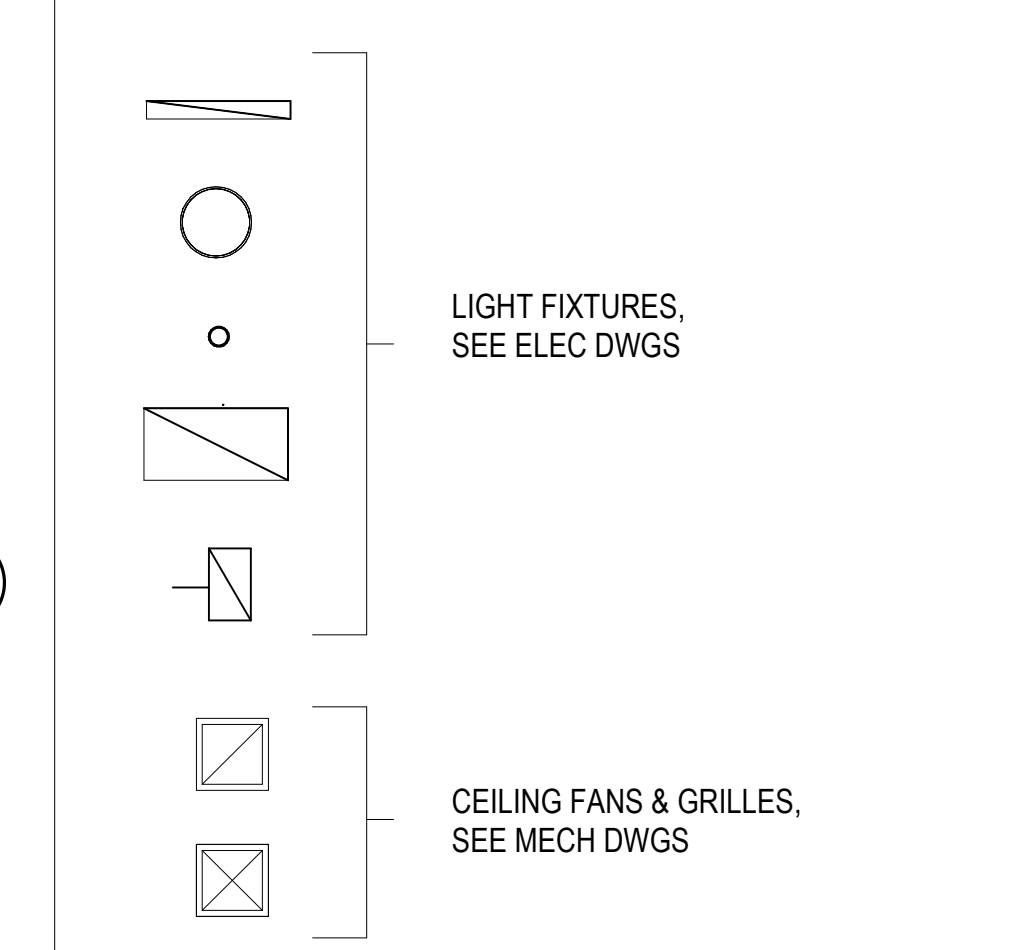


1 REFLECTED CEILING PLAN - LEVEL 01
1/4" = 1'-0"

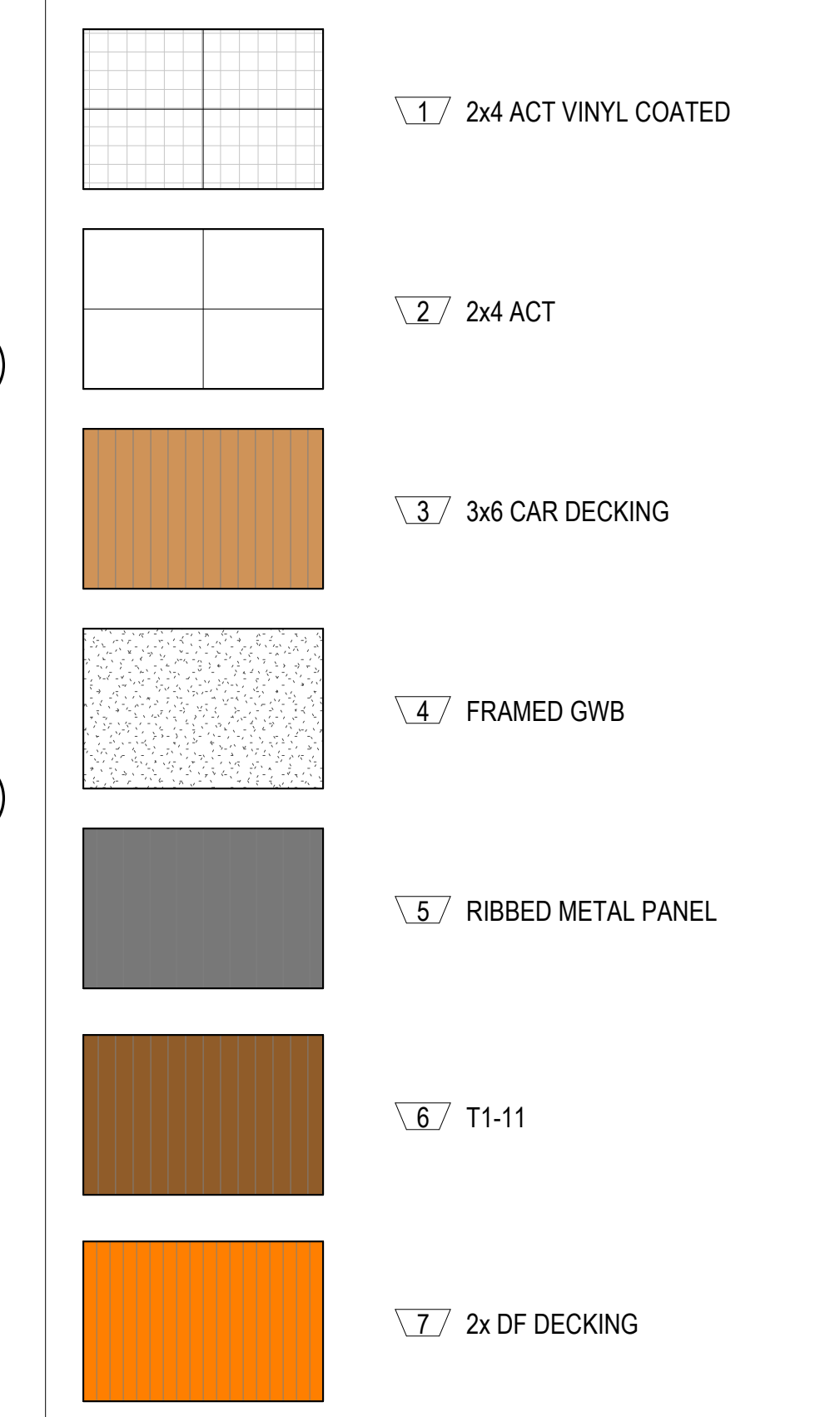
GENERAL NOTES

- DESIGN-BUILT SPRINKLER SYSTEM TO ALIGN WITH ARCHITECTURAL ELEMENTS - FINAL LAYOUT TO BE APPROVED BY ARCHITECT PRIOR TO INSTALLATION

LEGEND



CEILING TYPES



KEYNOTES

#	NOTE
A0831.01	ATTIC ACCESS PANEL
A1224.01	MOTORIZED ROLL UP SHADES
A1224.02	SUNSHADES

ABBREVIATIONS

NOTE: SEE TITLE SHEET FOR ADDITIONAL ABBREVIATIONS

ACT	ACOUSTIC CEILING TILE
GWB	GYPSUM WALL BOARD
BOS	BOTTOM OF STRUCTURE

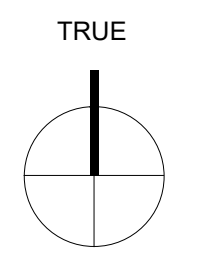


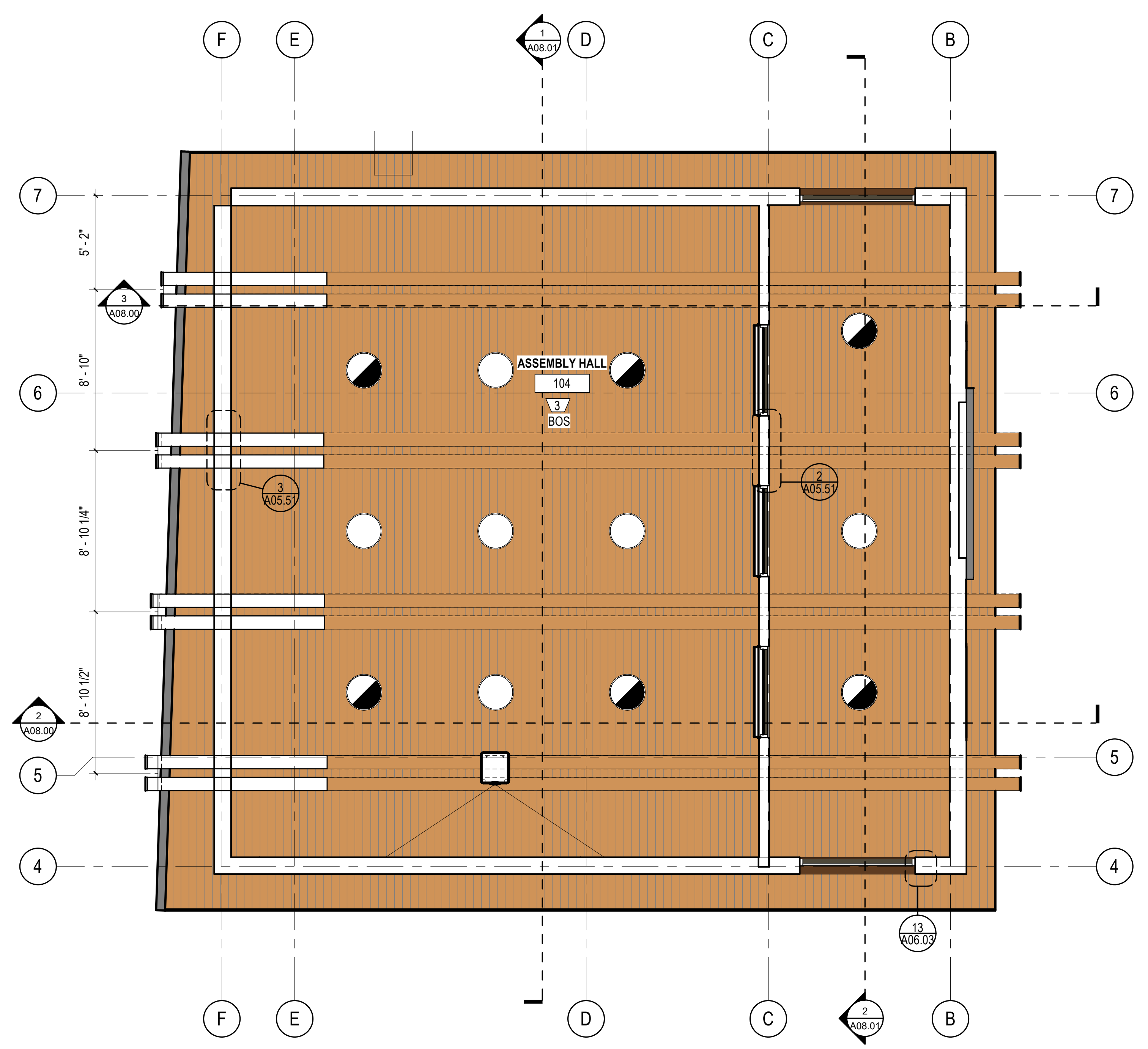
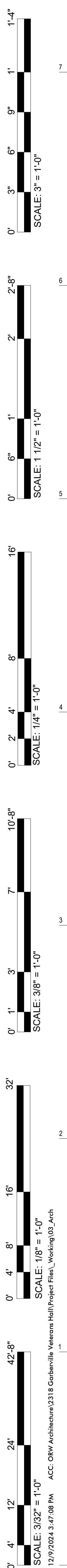
John Haynes Veterans Memorial Building
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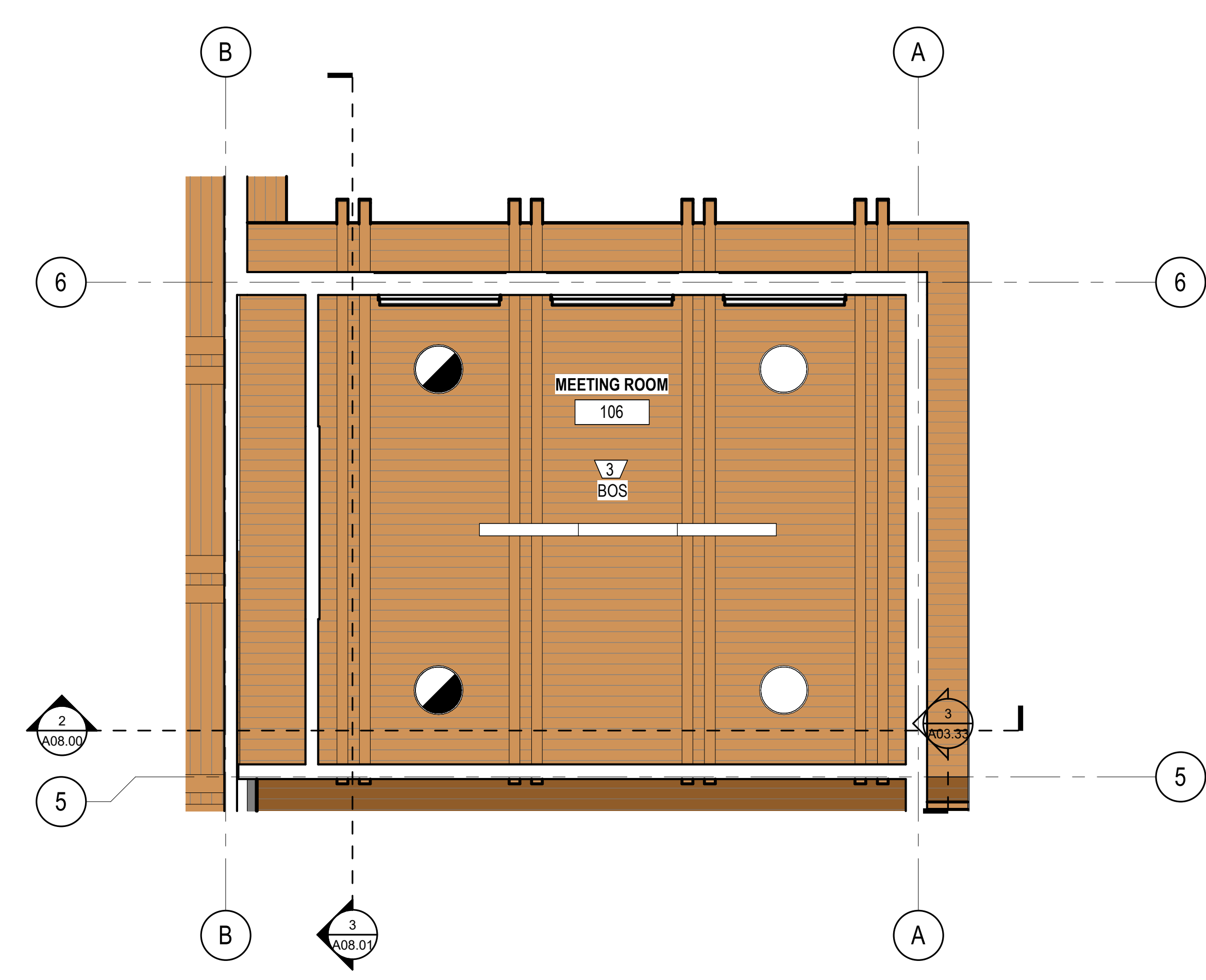
No.	Description	Date

A05.01





2 ENLARGED REFLECTED CEILING PLAN - ASSEMBLY HALL
1/4" = 1'-0"

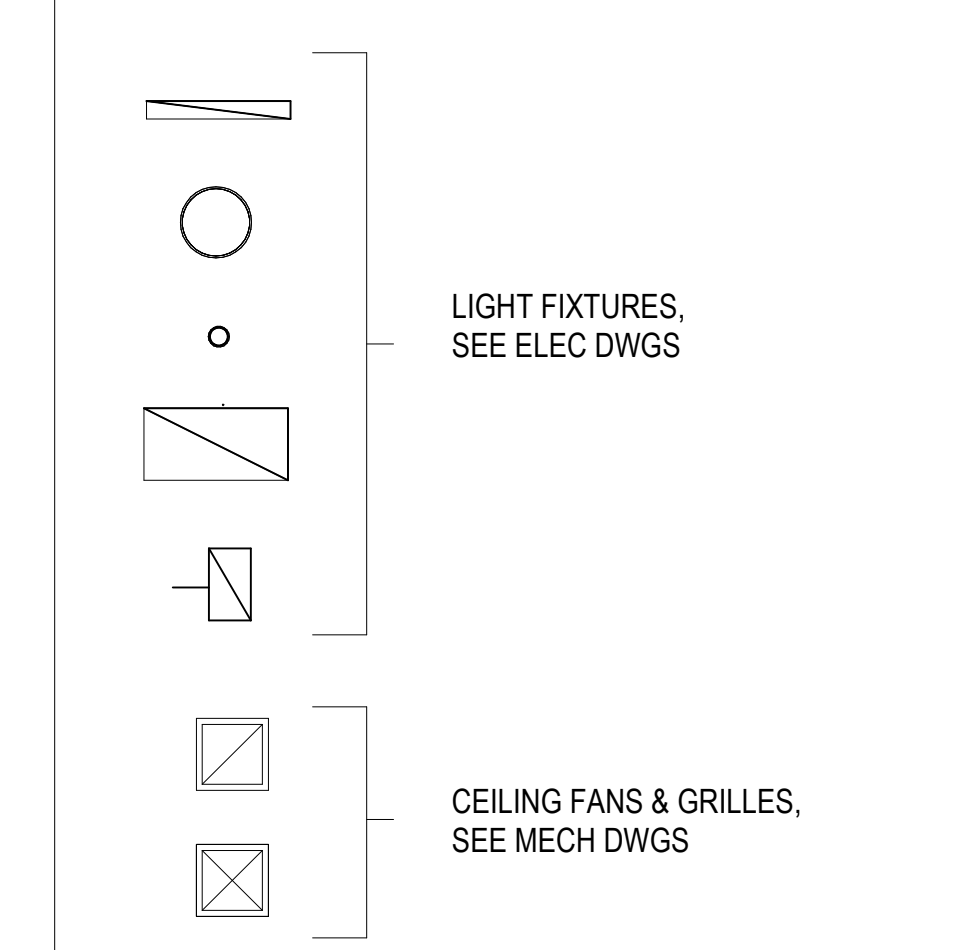


1 ENLARGED REFLECTED CEILING PLAN - MEETING ROOM
1/4" = 1'-0"

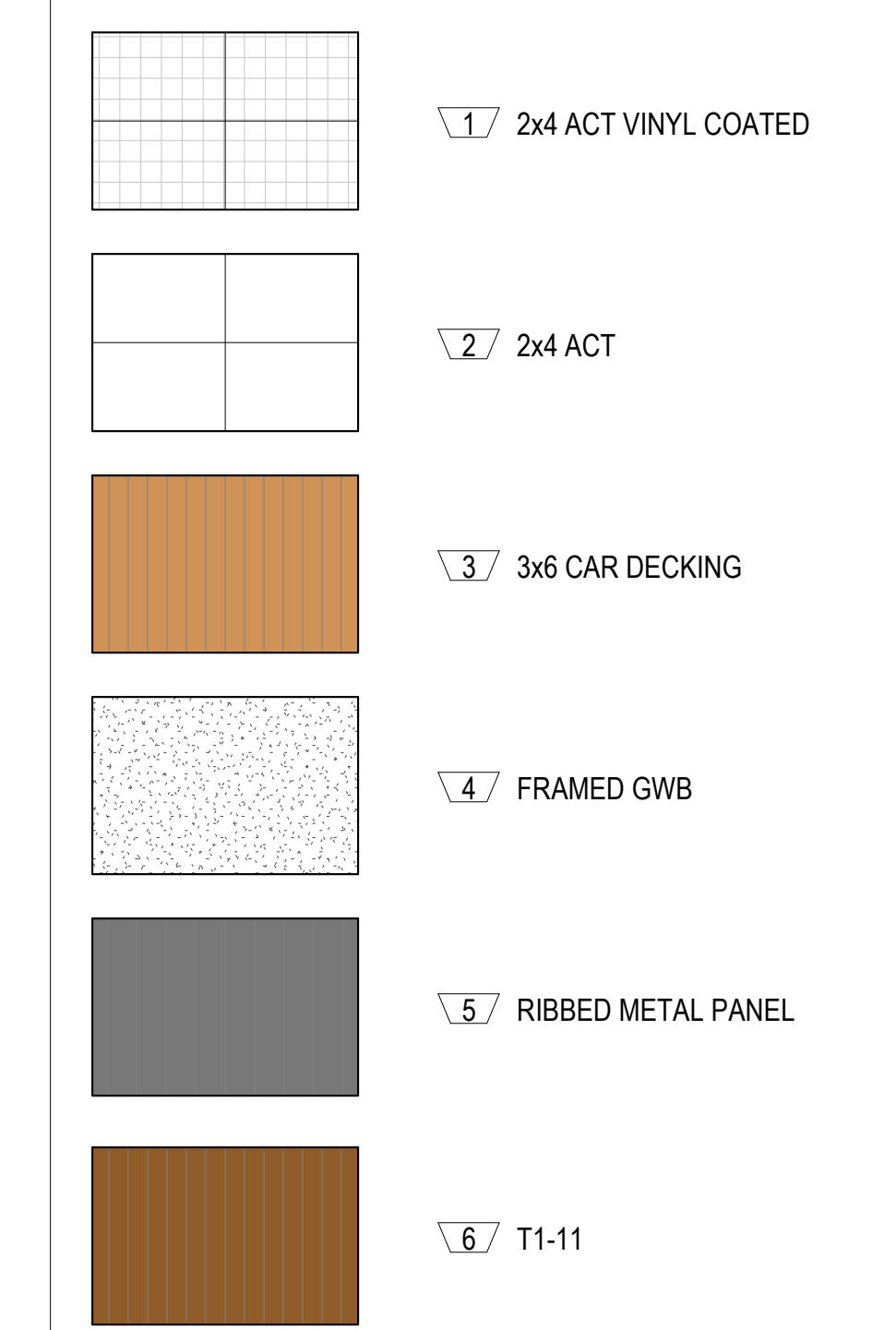
GENERAL NOTES

- DESIGN-BUILT SPRINKLER SYSTEM TO ALIGN WITH ARCHITECTURAL ELEMENTS - FINAL LAYOUT TO BE APPROVED BY ARCHITECT PRIOR TO INSTALLATION

LEGEND



CEILING TYPES



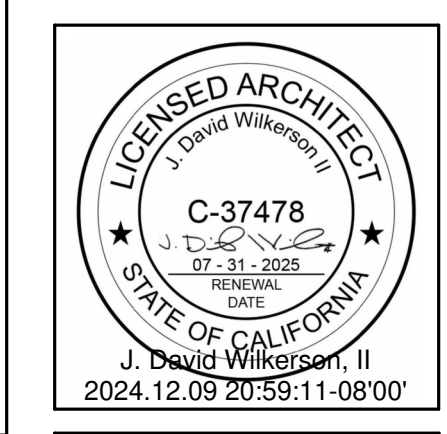
KEYNOTES

#	NOTE
1	3x6 CAR DECKING

ABBREVIATIONS

NOTE: SEE TITLE SHEET FOR ADDITIONAL ABBREVIATIONS

ACT	ACOUSTIC CEILING TILE
GWB	GYPSUM WALL BOARD
BOS	BOTTOM OF STRUCTURE

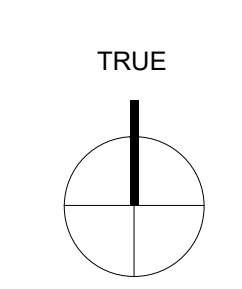


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APN: 032-011-006-000

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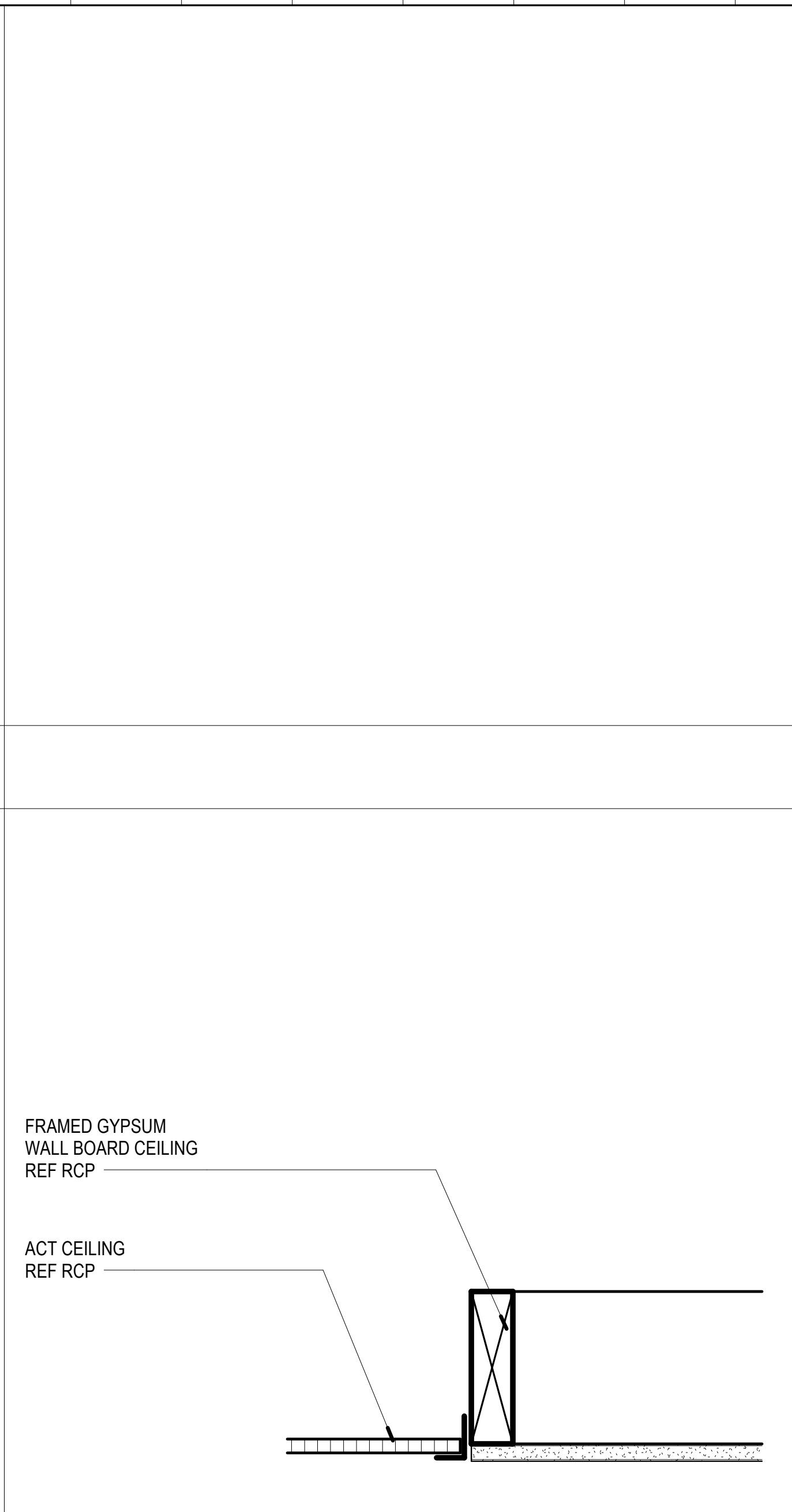
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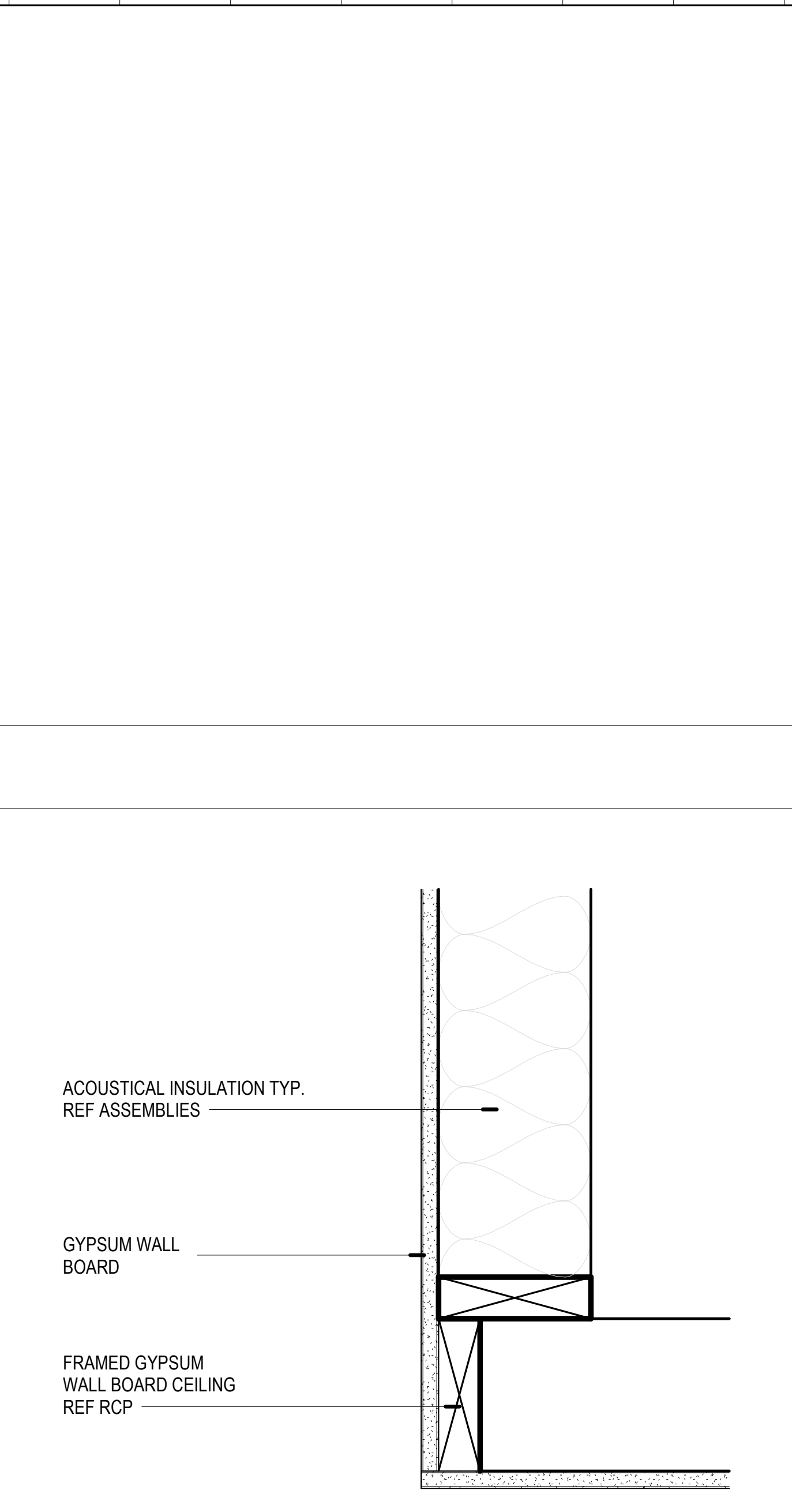


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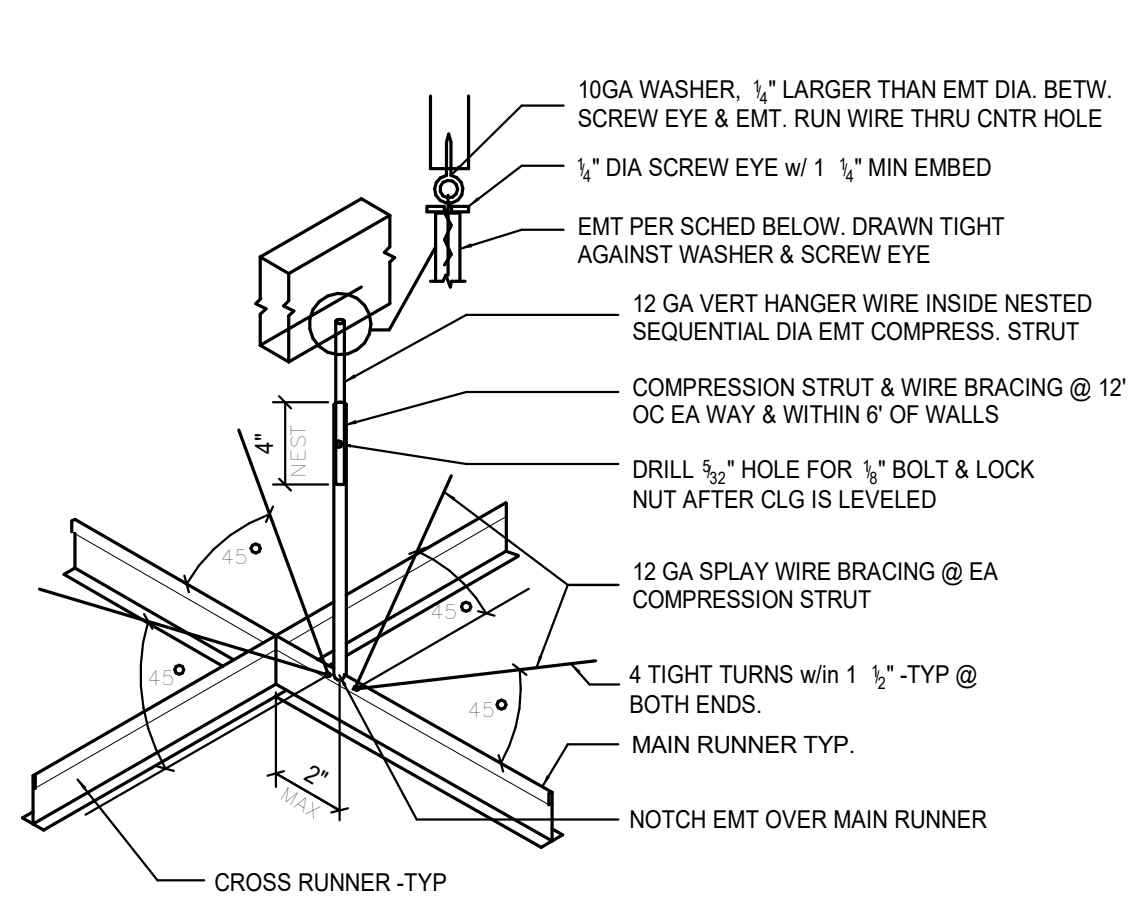
1'-4"
1'
9"
6"
3"
0" SCALE: 3" = 1'-0"
2'-8"
2'
0" SCALE: 1 1/2" = 1'-0"
16"
8"
4"
2"
0" SCALE: 1/4" = 1'-0"
10'-8"
7'
3'
0" 1' 3' SCALE: 3/8" = 1'-0"
32"
16"
8"
4"
0" 1/8" = 1'-0"
42'-8"
24"
12"
4"
SCALE: 3/32" = 1'-0"
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6 GWB SOFFIT @ ACT CEILING
3" = 1'-0"



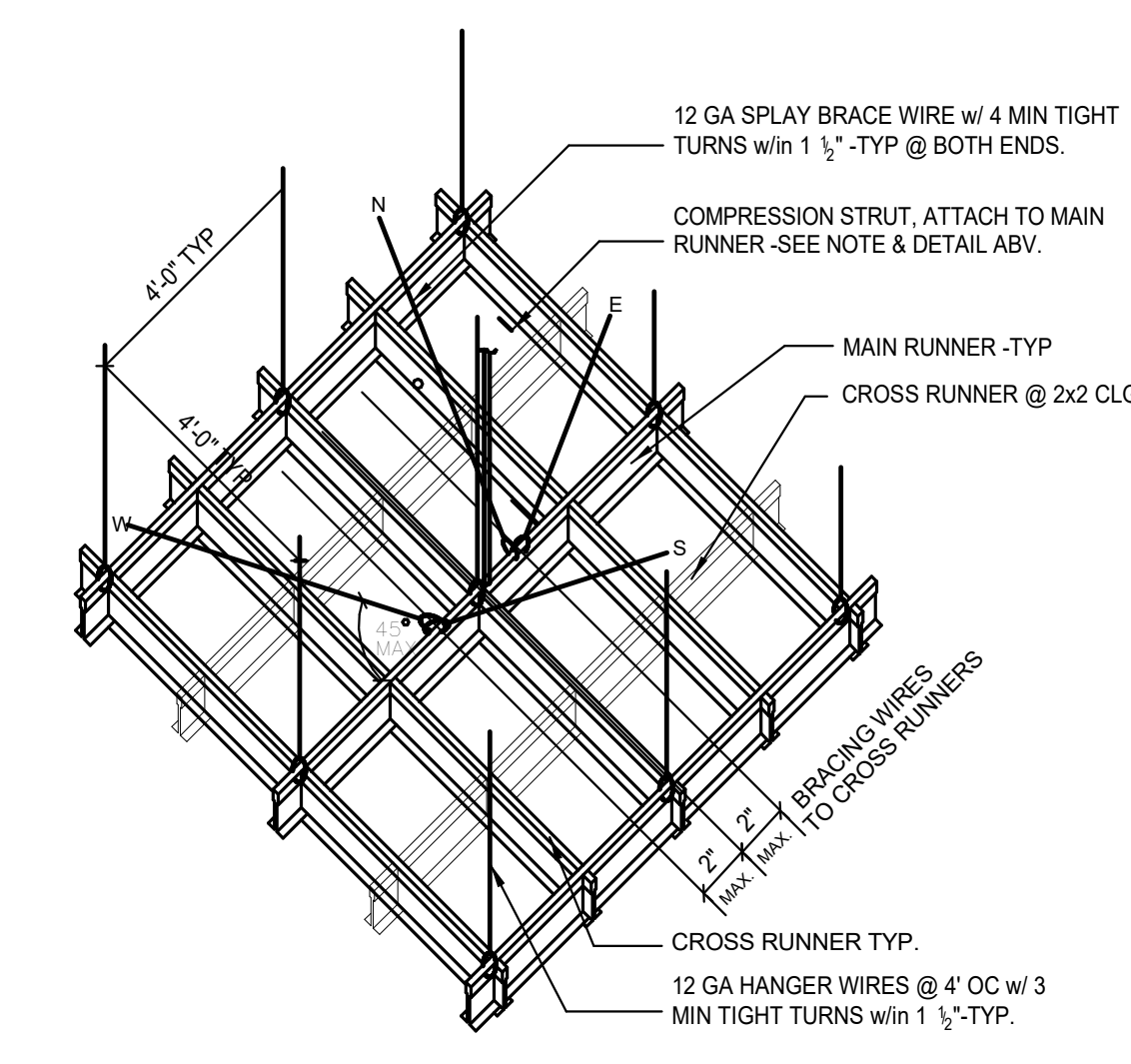
5 GWB SOFFIT @ MEETING ROOM
3" = 1'-0"



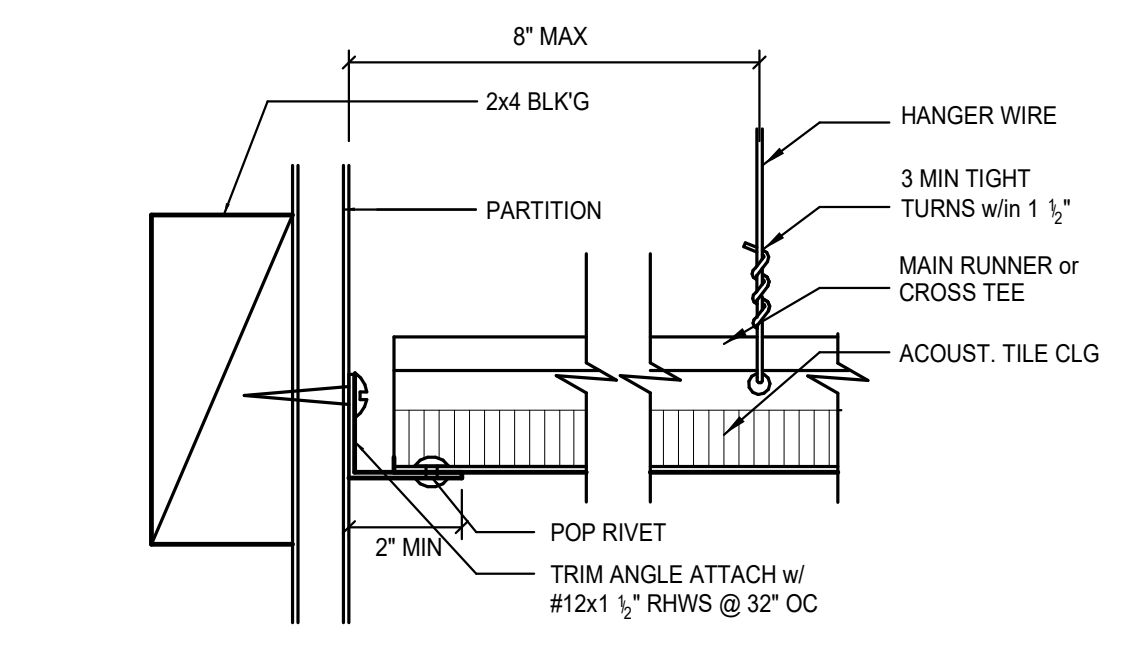
COMPRESSION STRUT NOTE:
COMPRESSION STRUTS: NESTED SEQUENTIAL DIA. STL EMT SECTIONS W/ 4\"/>

- EXITWAYS: SURROUND EA. PANEL W/ A MAIN or CROSS RUNNER
- COMPONENTS: SYSTEM SHALL SUPPORT NO OTHER COMPONENTS EXCEPT GRILLES or LIGHT FIXTURES. TOTAL SYSTEM WGT NOT TO EXCEED 4 PSF.
- HANGER WIRES: MIN. 12 GA. MAX. 16 SF. (4\"/>

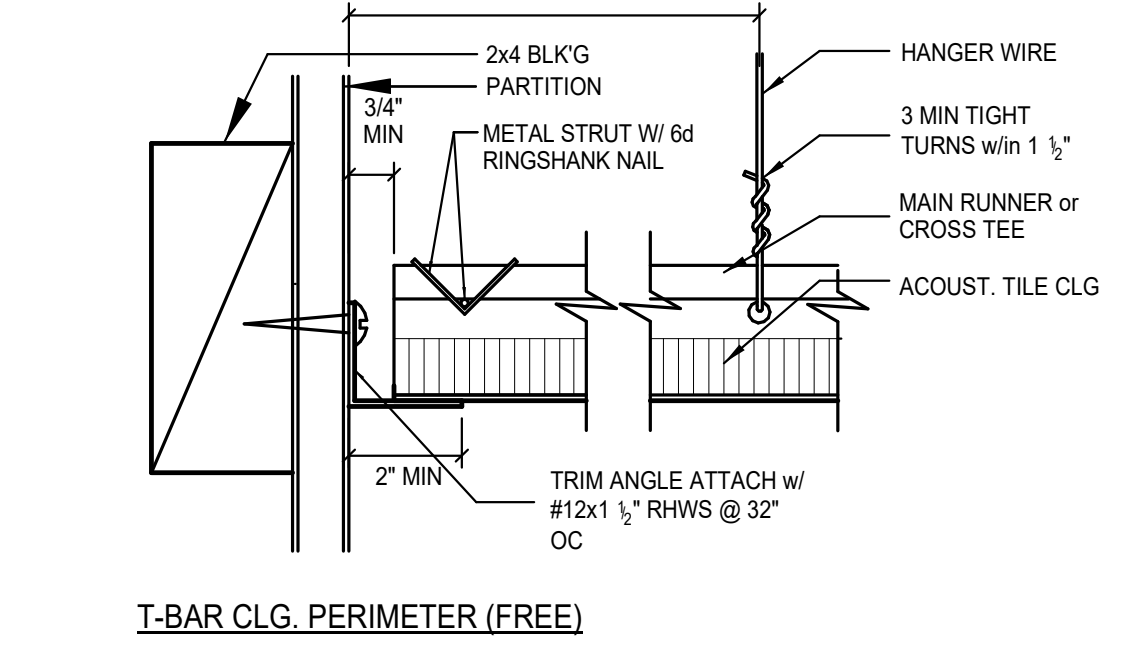
COMPRESSION STRUT & SPLAY BRACING



HANGER & SPLAY BRACING WIRE LAYOUT



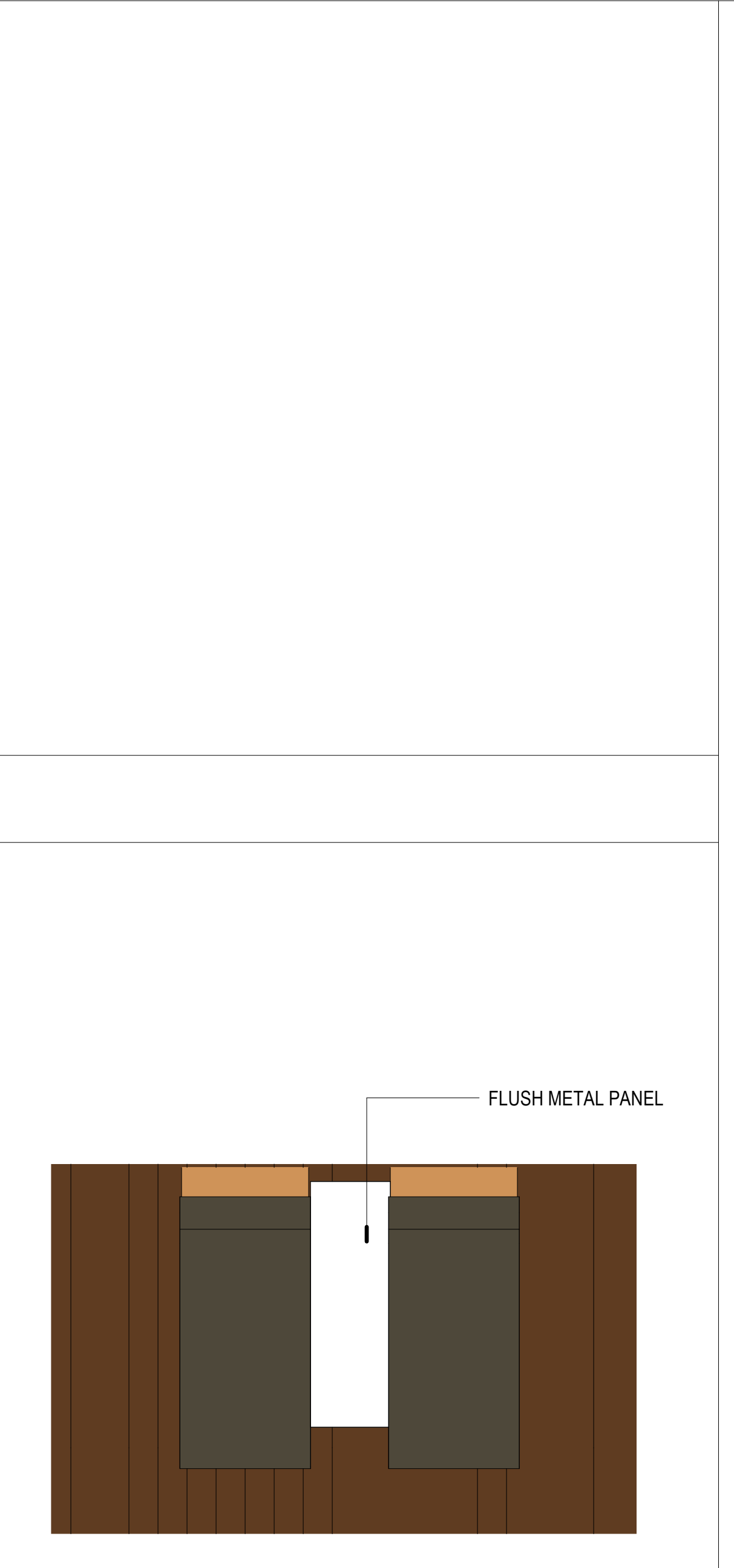
T-BAR CLG. PERIMETER (FREE)



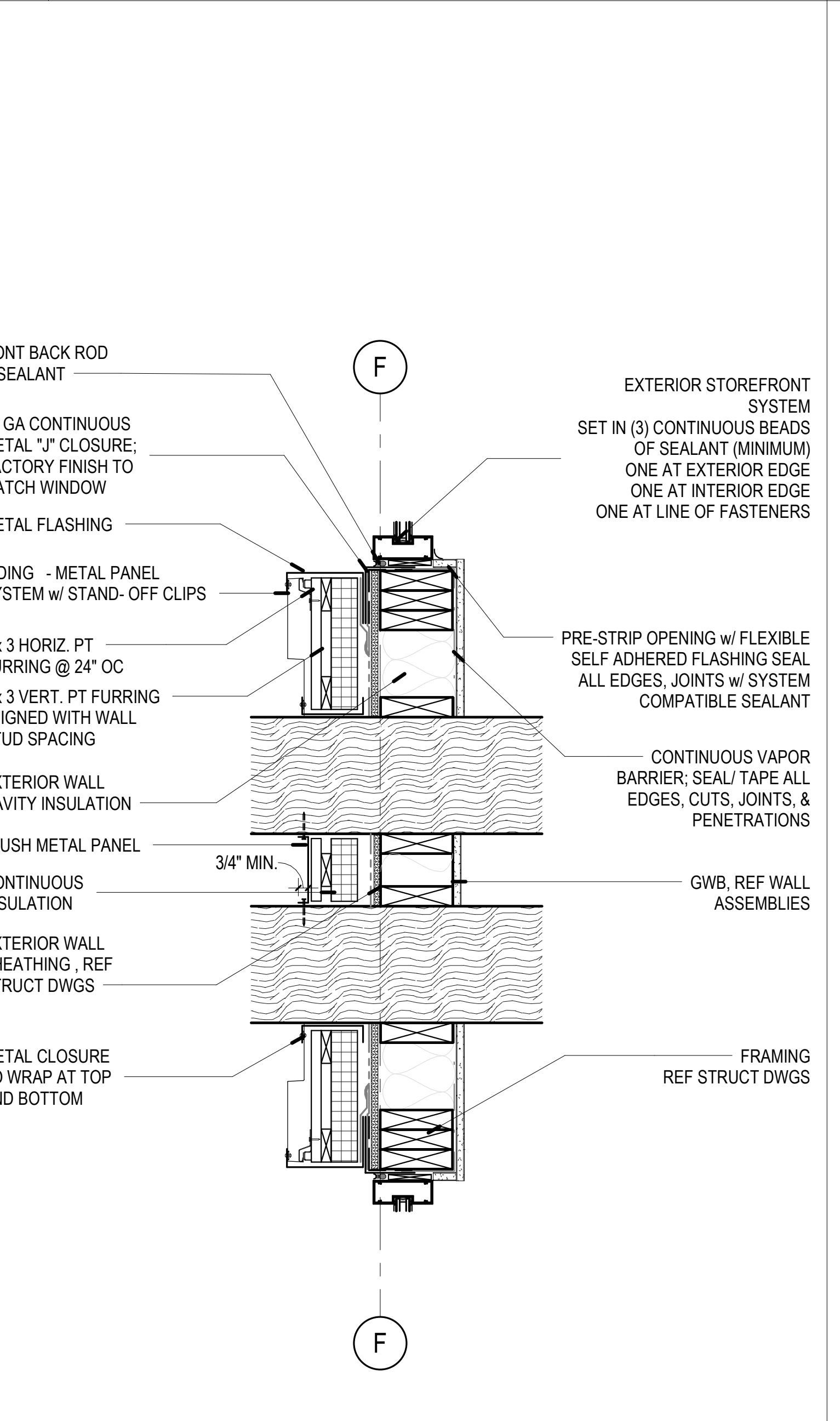
NOTE: REVISED CODE 407 - SPECIFY HD. 2\"/>

SUSPENDED CEILING NOTES

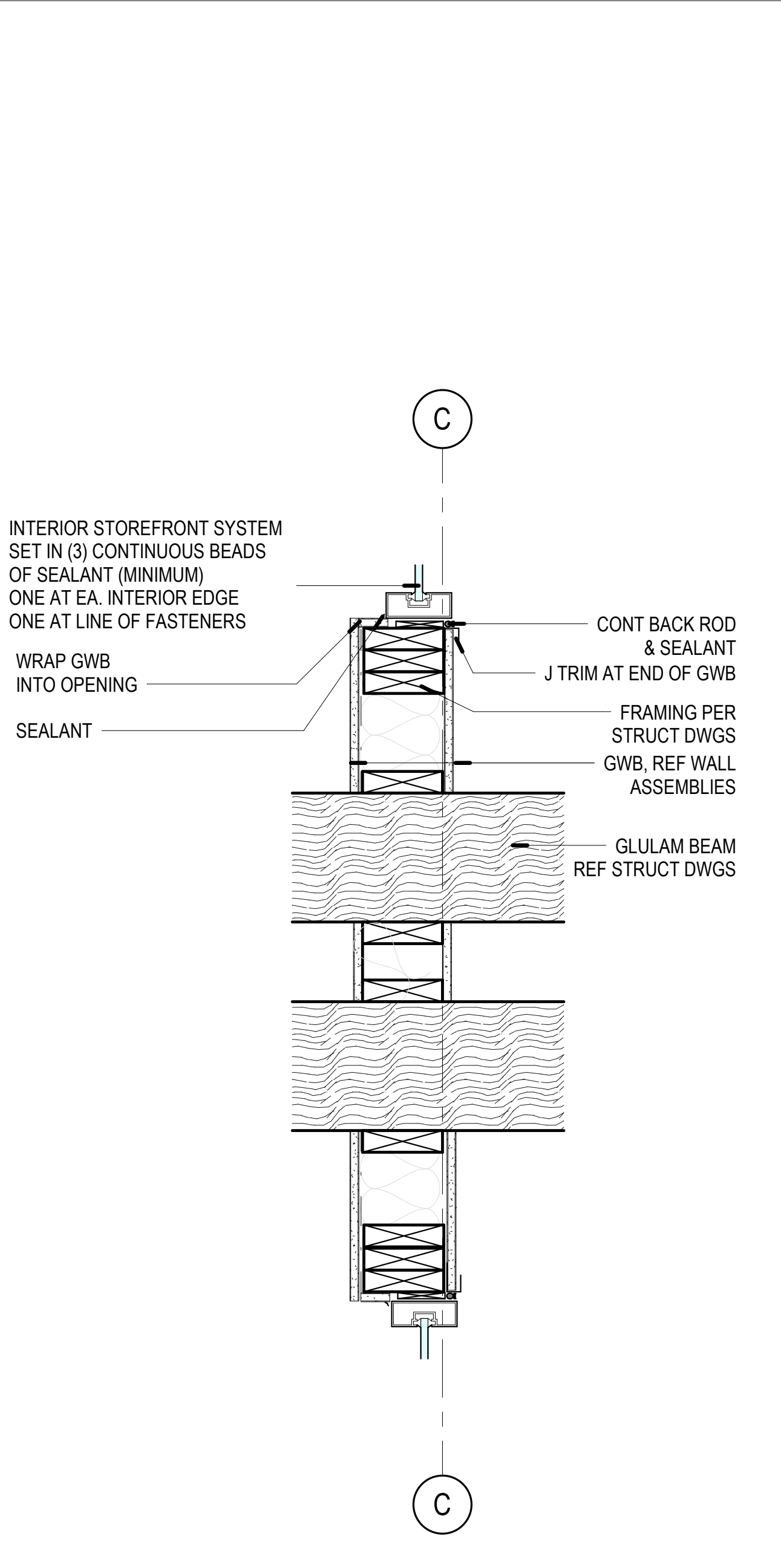
- WOOD JOIST or RAFTER: (3) 1 1/2\"/>
- BRACING WIRE @ ROOF JOIST or RAFTER: 1\"/>
- WOOD JOIST or BLOCK'G: 2 X BLOCKING W/ 2-16d COMMON NAILS EA. END (3)1-1/2\"/>
- TO BOTTOM OF WOOD JOIST, RAFTER or BLOCKING: 1\"/>
- BRACING WIRE PARALLEL TO OPEN WEB WOOD TRUSS: NOTE: DO NOT INSERT SCREW EYES PARALLEL TO LAMINATIONS. 1\"/>
- JOIST BRACING: 1\"/>
- TYP. SADDLE TIE WIRE CONNECTIONS TO WD FRAMING: 1\"/>
- JOIST - BOTTOM FLANGE: 1\"/>



4 FLUSH METAL PANEL @ BEAMS
1 1/2\"/>



3 BEAM JAMB CONNECTION @ EXTERIOR
1 1/2\"/>



2 JAMB CONNECTION @ INTERIOR BEAM
1 1/2\"/>

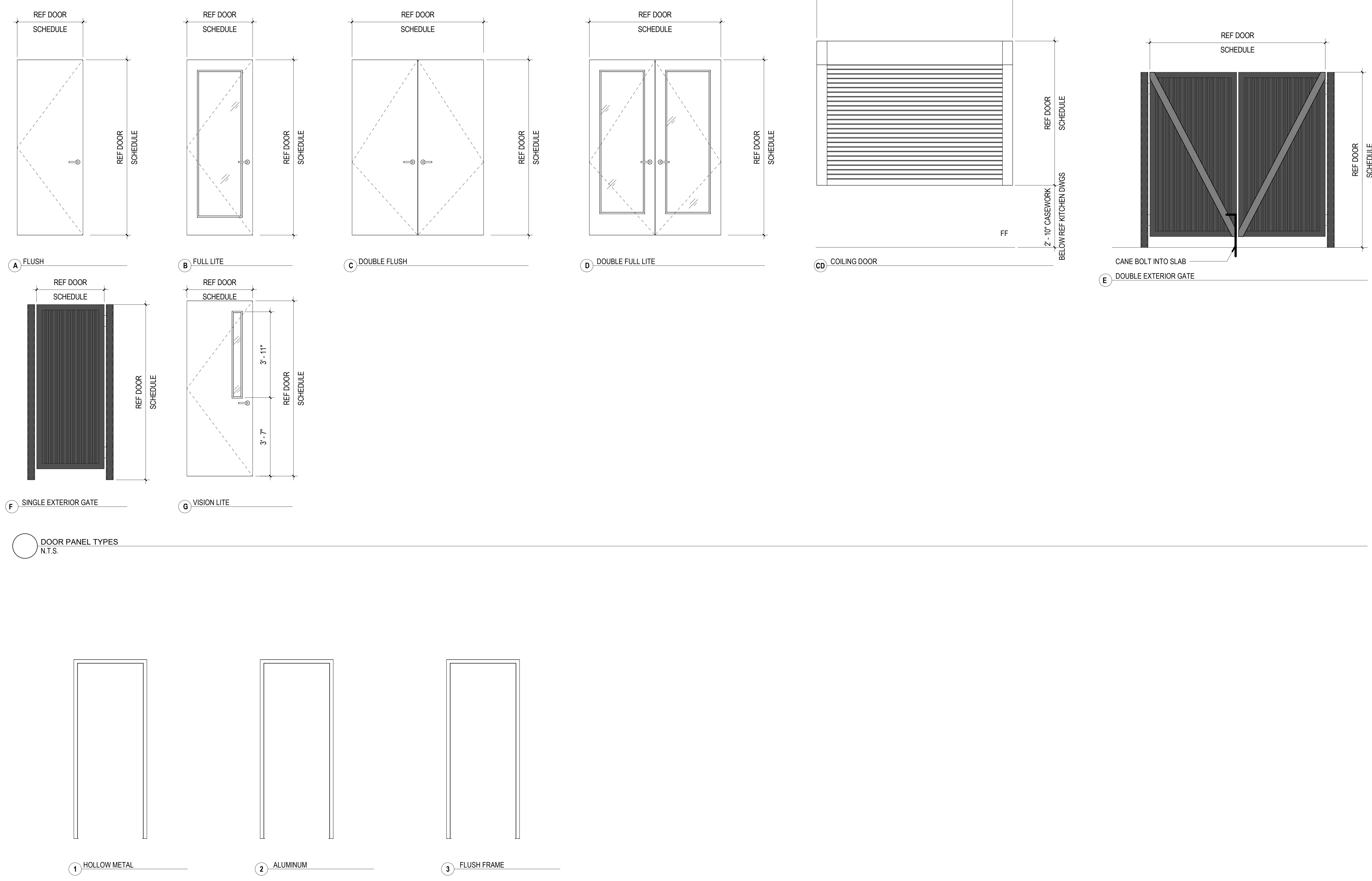
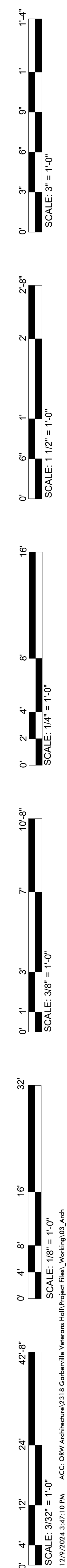
1 SUSPENDED CEILING W/ WOOD FRAMING
3\"/>

DOOR SCHEDULE

ABBREVIATIONS

Room Name	NUMBER	INT/EXT	DOOR SLAB				DOOR FRAME				DOOR HARDWARE							DETAILS			COMMENTS						
			WIDTH x HEIGHT	TYPE	MAT	FIN	GLAZING	TYPE	MAT	FIN	FIRE RATING	LOW VOLTAGE	ACCESS CONTROL	LATCH	LOCK TYPE	LOCK FUNCTION	VANDAL RESISTANT	OPENING ACTION	CLOSER	SEAL		PUSH / PULL	PANIC HARDWARE	PROTECTION PLATES	FLUSH BOLTS	HEAD	JAMB
CORRIDOR	101A	EXT	6'-0" x 8'-0"	L	AL	FF	IG-1	2	AL	FF	-	-	YES	-	YES	CYL	OL	-	HG	YES	SW	-	-	8/A06.04	3/A06.03	6/A06.03	ADA PUSH BUTTON
CORRIDOR	101B	EXT	3'-0" x 8'-0"	B	AL	FF	IG-1	2	AL	FF	-	-	-	YES	CYL	OL	-	HG	YES	SW	-	-	8/A06.04	13/A06.03	6/A06.03		
CORRIDOR	101C	EXT	6'-0" x 8'-0"	L	AL	FF	IG-1	2	AL	FF	-	-	-	YES	CYL	OL	-	HG	YES	SW	-	-	8/A06.04	3/A06.03	-/-		
OFFICE	102	INT	3'-0" x 8'-0"	A	WD	FF	-	1	HM	P	-	-	-	YES	CYL	OL	-	HG	-	-	-	-	10/A06.03	10/A06.03 SIM	6/A06.03		
STORAGE	103	INT	6'-0" x 8'-0"	C	WD	FF	-	3	HM	P	-	-	-	YES	CYL	VL	-	HG	-	-	-	-	7/A06.04	7/A06.04 SIM	-/-	ARMOR PLATE BOTH SIDES OF DOOR	
ASSEMBLY HALL	104A	INT	6'-0" x 8'-0"	L	AL	FF	G-2	2	AL	FF	-	-	-	YES	CYL	VL	-	HG	YES	-	-	-	5/A06.04	5/A06.04 SIM	-/-		
ASSEMBLY HALL	104B	INT	6'-0" x 8'-0"	L	AL	FF	G-2	2	AL	FF	-	-	-	YES	CYL	VL	-	HG	YES	-	-	-	5/A06.04	5/A06.04 SIM	-/-		
KITCHEN	105A	EXT	3'-0" x 8'-0"	A	HM	P	-	1	HM	P	-	-	-	YES	CYL	OL	-	HG	YES	SW	-	-	7/A0.603	8/A06.03	6/A06.03		
KITCHEN	105B	EXT	3'-6" x 8'-0"	A	HM	P	-	1	HM	P	-	-	-	YES	CYL	OL	-	HG	YES	SW	-	-	7/A0.603	8/A06.03	6/A06.03		
KITCHEN	105C	INT	3'-0" x 8'-0"	G	WD	FF	G-2	1	HM	P	-	-	-	YES	CYL	VL	-	HG	YES	-	-	-	10/A06.03	10/A06.03 SIM	-/-	ARMOR PLATE BOTH SIDES OF DOOR	
KITCHEN	105D	INT	8'-0" x 5'-6"	CD	HM	FF	-	1	HM	FF	-	-	-	-	-	-	-	HG	-	-	-	-	9/A06.03	6/A06.04	15/A06.03	COILING DOOR	
MEETING ROOM	106A	EXT	6'-0" x 8'-0"	L	AL	FF	IG-1	2	AL	FF	-	-	-	YES	CYL	OL	-	HG	YES	SW	-	-	8/A06.04	13/A06.03	6/A06.03		
MEETING ROOM	106B	INT	6'-0" x 8'-0"	C	HM	P	-	1	HM	P	-	-	-	YES	CYL	OL	-	HG	YES	-	-	-	10/A06.03	10/A06.03 SIM	-/-		
DATA/ ELEC	108	EXT	3'-0" x 7'-0"	A	HM	P	-	1	HM	P	-	-	-	YES	CYL	SL	-	HG	YES	SW	-	-	7/A0.603	8/A06.03	6/A06.03		
RISER	109	EXT	3'-0" x 7'-0"	A	HM	P	-	1	HM	P	-	-	-	YES	CYL	SL	-	HG	YES	SW	-	-	7/A0.603	8/A06.03	6/A06.03		
MENS RESTROOM	110	INT	3'-0" x 8'-0"	A	WD	FF	-	1	HM	P	-	-	-	-	-	-	-	HG	YES	-	-	-	10/A06.03	10/A06.03 SIM	-/-		
WOMENS RESTROOM	111	INT	3'-0" x 8'-0"	A	WD	FF	-	1	HM	P	-	-	-	-	-	-	-	HG	YES	-	-	-	10/A06.03	10/A06.03 SIM	-/-		
CUSTODIAL	112	INT	3'-0" x 8'-0"	A	WD	FF	-	1	HM	P	-	-	-	YES	CYL	SL	-	HG	-	-	-	-	10/A06.03	10/A06.03 SIM	-/-		
	GT1	EXT	3'-2" x 8'-0"	F																			9/A01.01				
	GT2	EXT	6'-6" x 8'-0"	E																			9/A01.01				
	GT3	EXT	6'-6" x 8'-0"	E																			9/A01.01				

AL	ALUMINUM
AN	ANODIZED
BF	BI-FOLD
CAT	CATCH
CO	CASED OPENING
CYL	CYLINDRICAL LOCK
CR	CARD READER
F	FLUSH
FD	FRENCH DOOR
FF	FACTORY FINISH
GL	GLASS
HM	HOLLOW METAL
HG	HINGE
MFR	MANUFACTURER
MOR	MORTISE LOCK
OFHG	OFFSET HINGE
OH	OVERHEAD
OL	OFFICE LOCK
P	PAINT
PIV	PIVOT
RL	RESTROOM LOCK
S	STAIN
SC	SOLID CORE WOOD - STAIN TO MATCH
	ARCHITECT SAMPLE
SF	STOREFRONT
SL	STOREFRONT LOCK
SLD	SLIDING
STL	STEEL
SW	WEATHER SEAL
T	TEMPERED GLASS
VL	VESTIBULE LOCK



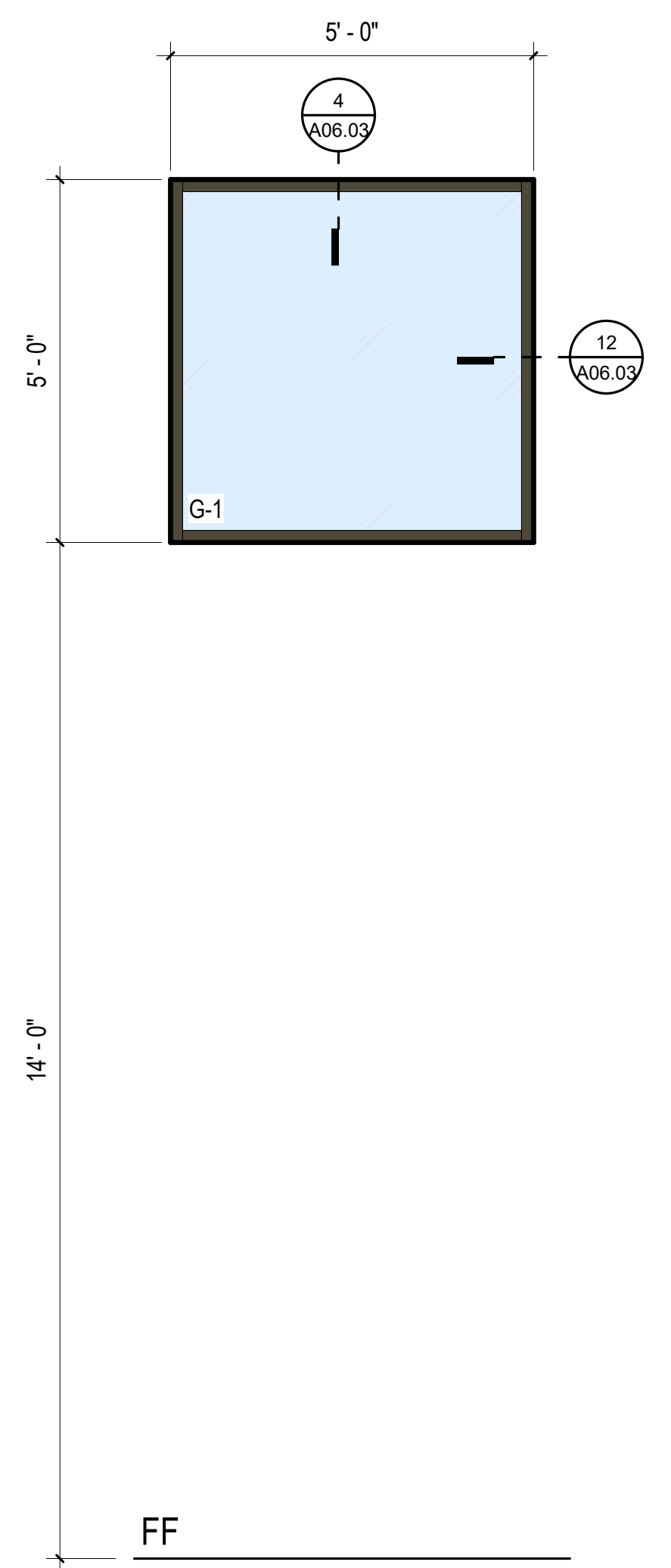
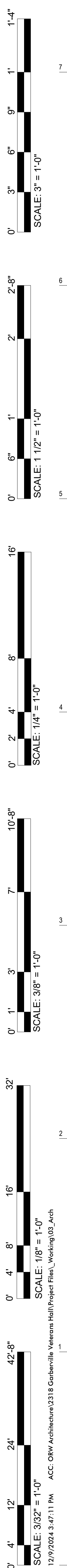
ORW ARCHITECTURE
29 S. GARDEN STREET
BERKELEY, CA 94704
7541-779-5257

John Haynes Veterans Memorial Building
483 Conger Street, Garberville, CA 95542
Humboldt County
APN: 032-011-006-000

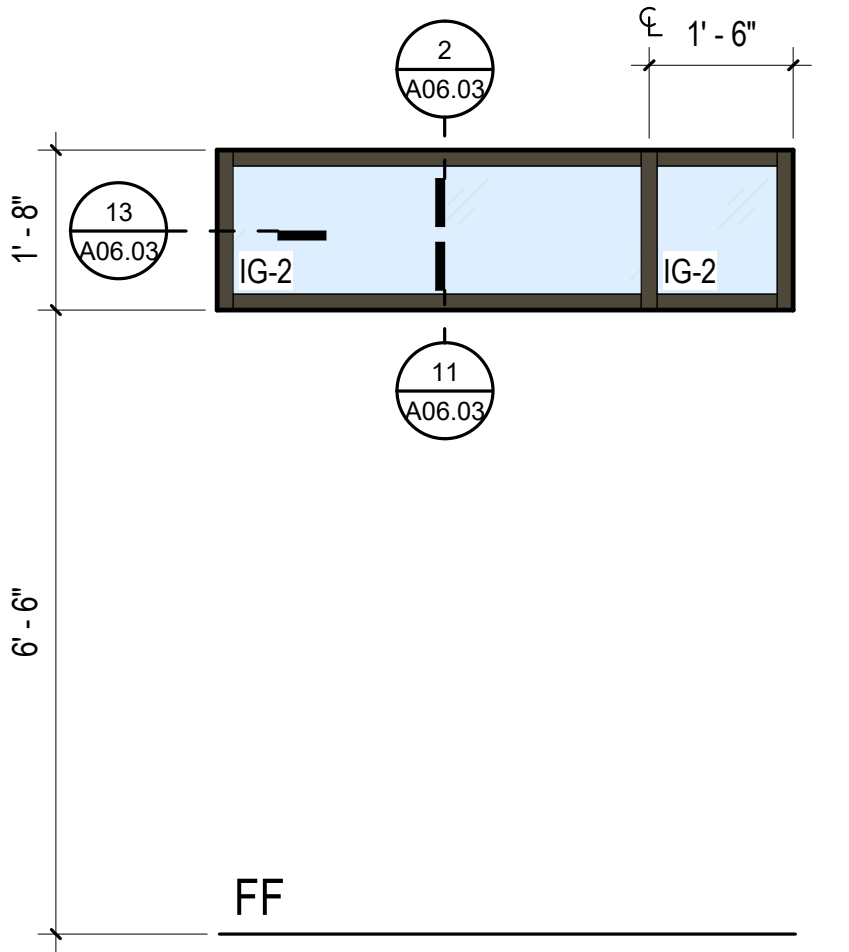
DOOR & WINDOW SCHEDULE

PROJECT:	2318	
DATE:	12/09/2024	
ISSUE:	100% CD	
No.	Description	Date

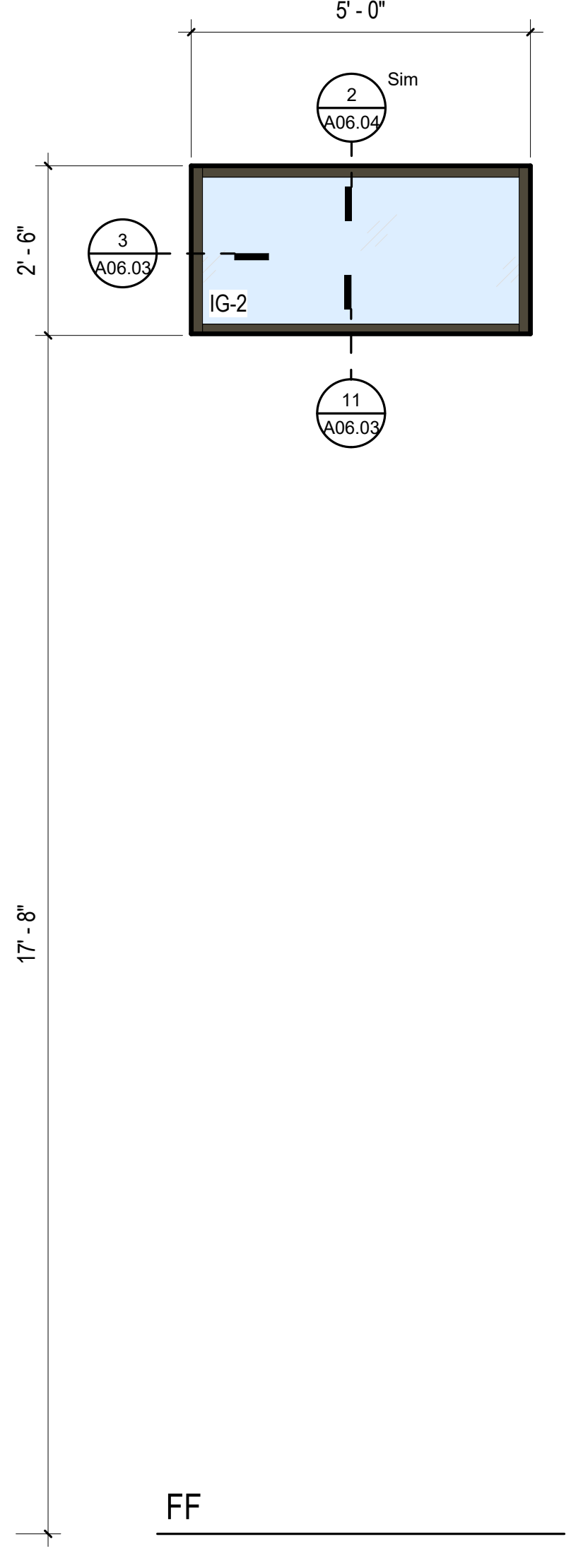
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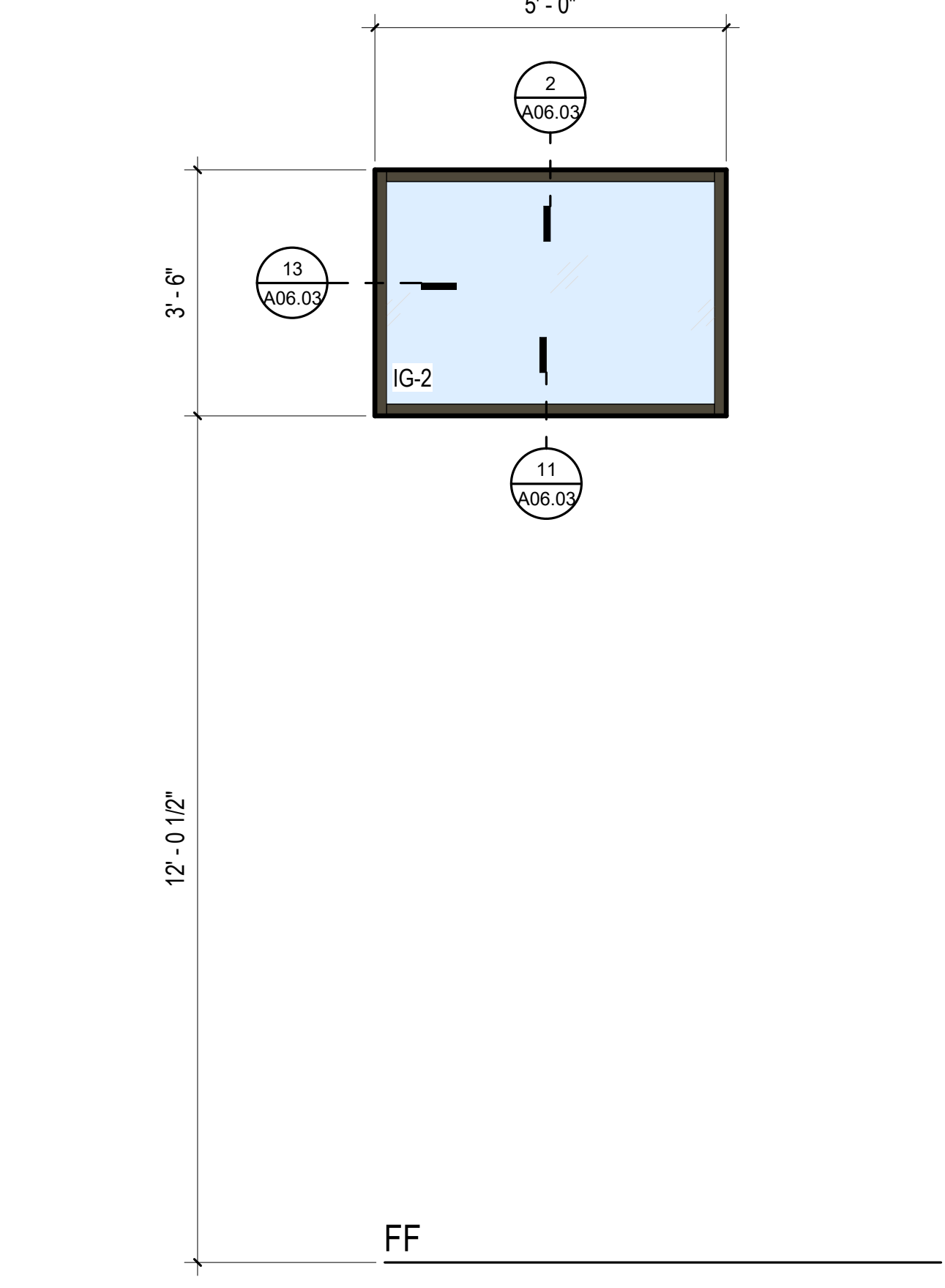
J STOREFRONT TYPE J
1/2" = 1'-0"



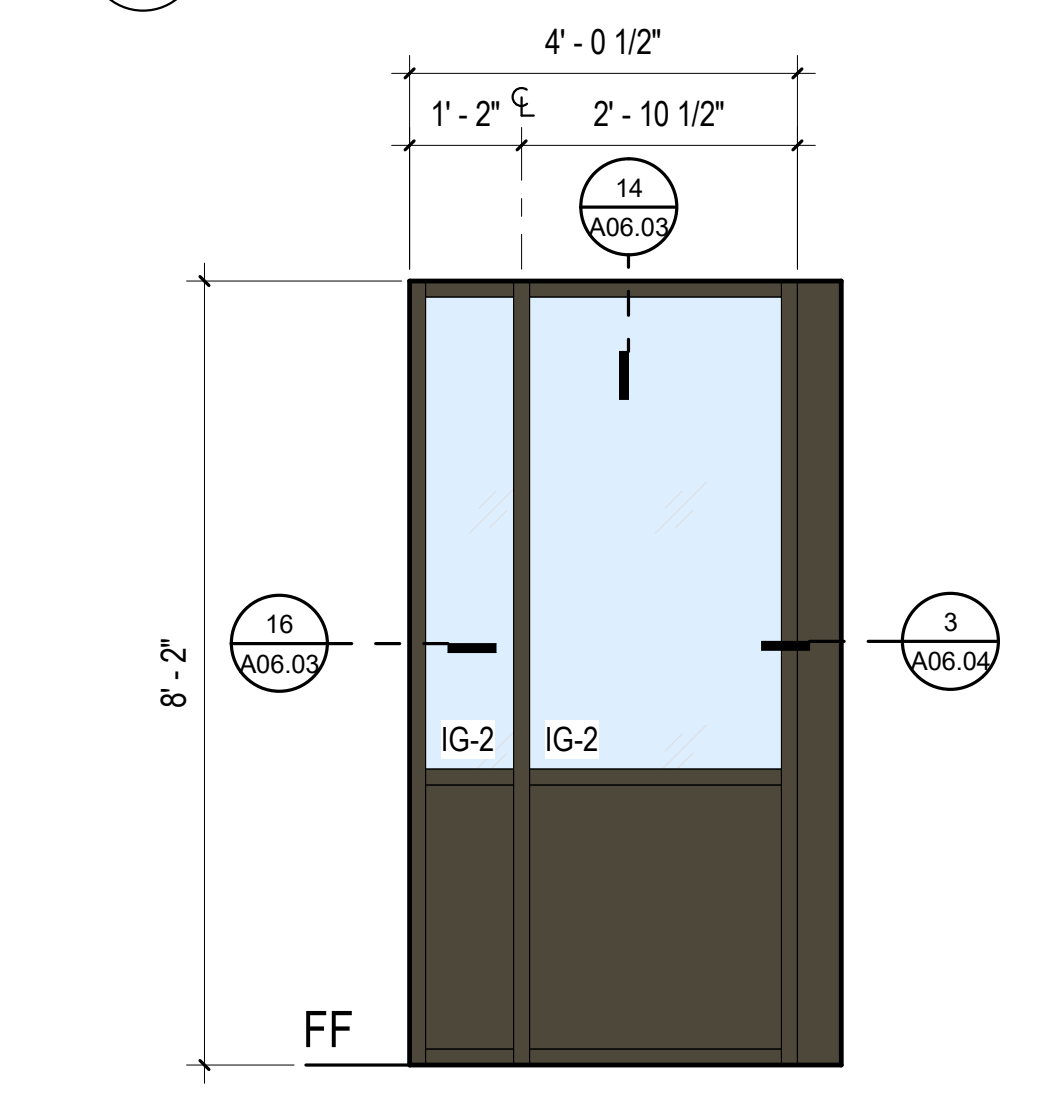
I STOREFRONT TYPE I
1/2" = 1'-0"



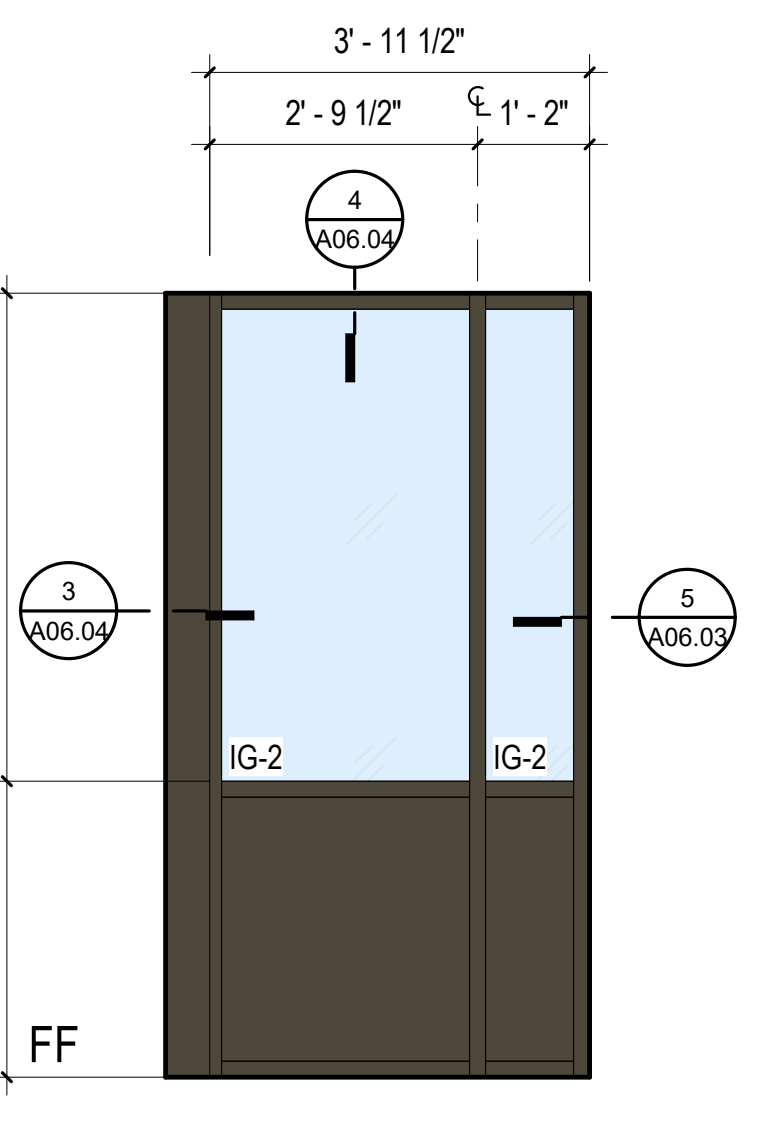
H STOREFRONT TYPE H
1/2" = 1'-0"



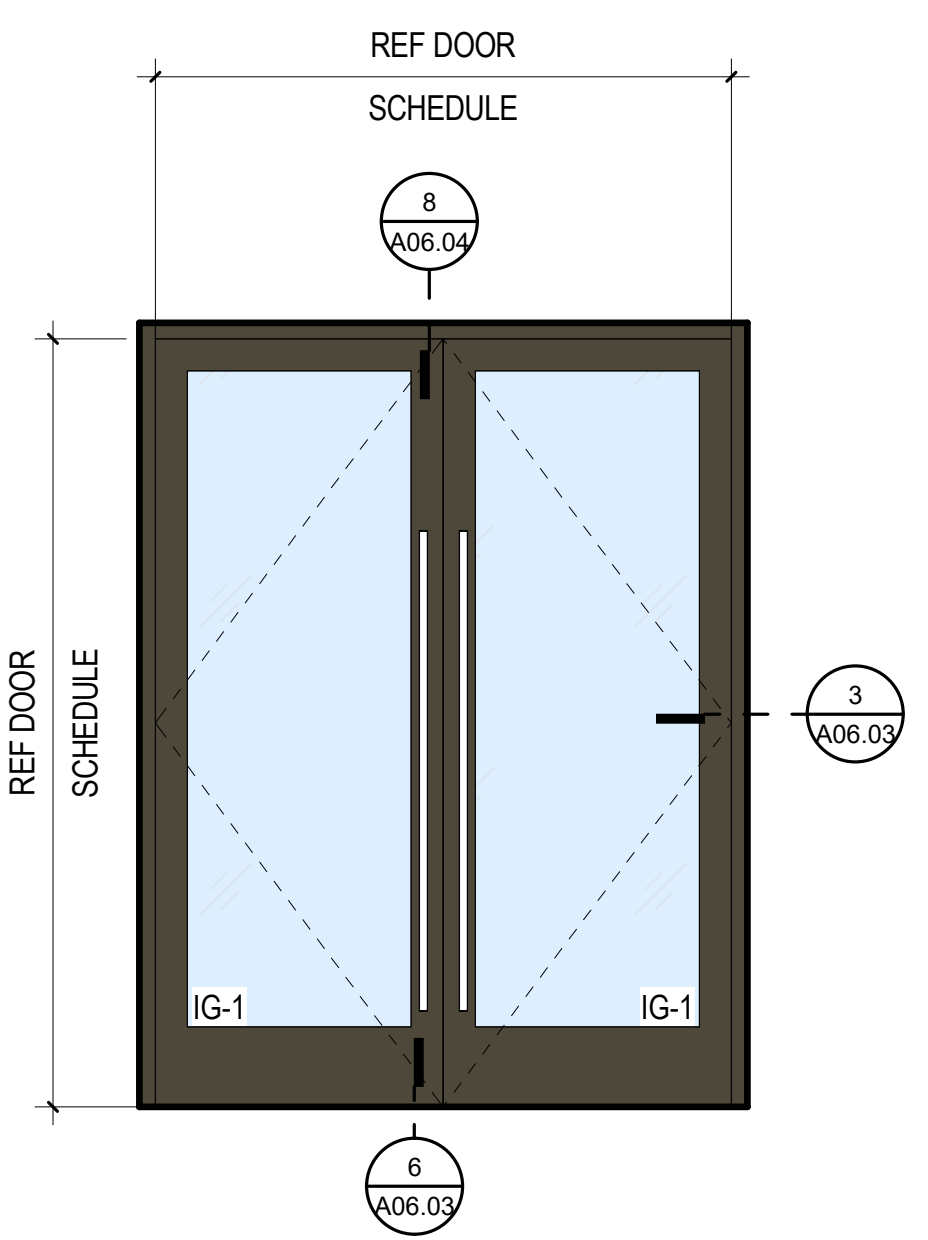
G STOREFRONT TYPE G
1/2" = 1'-0"



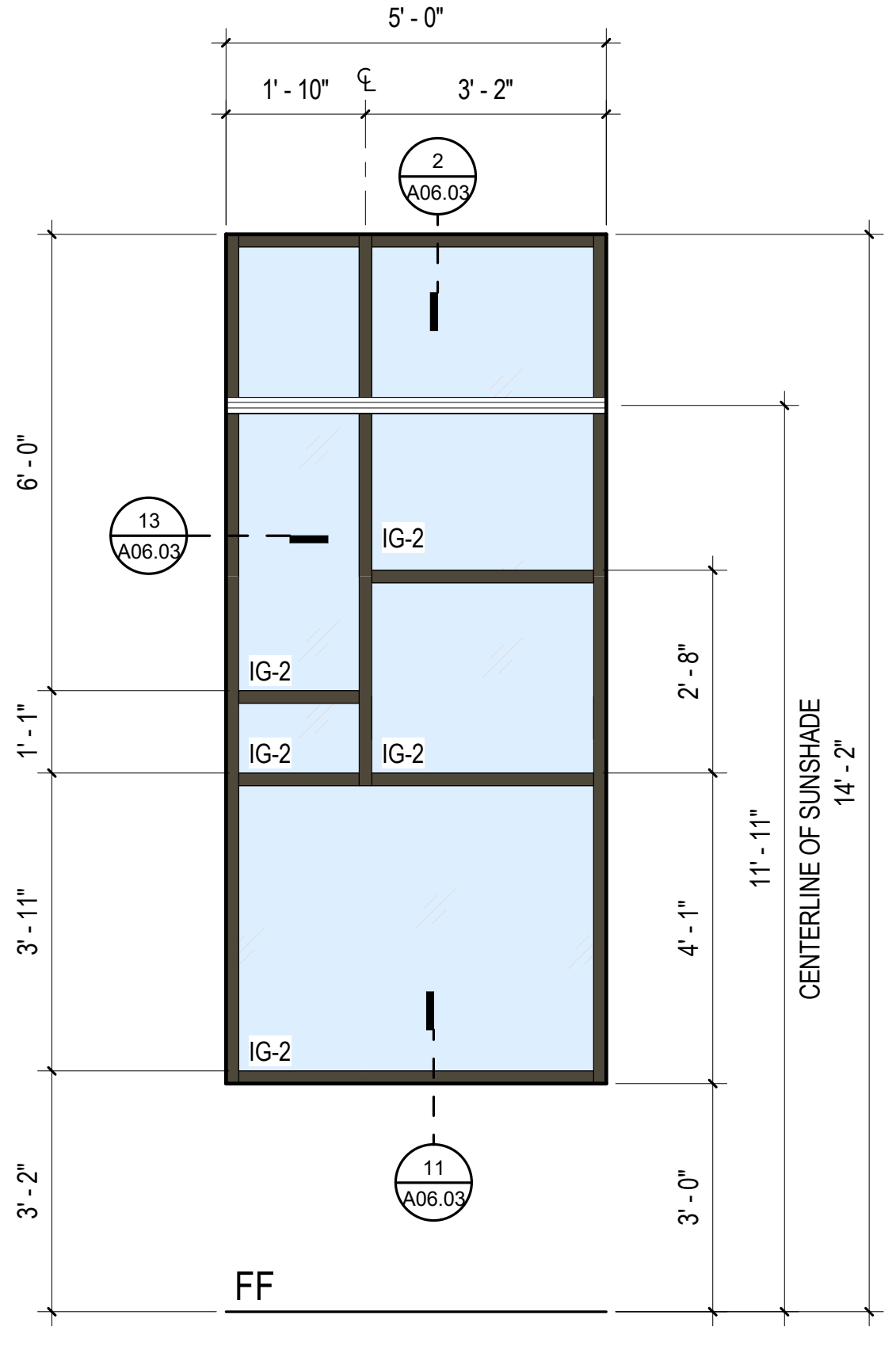
F STOREFRONT TYPE F
1/2" = 1'-0"



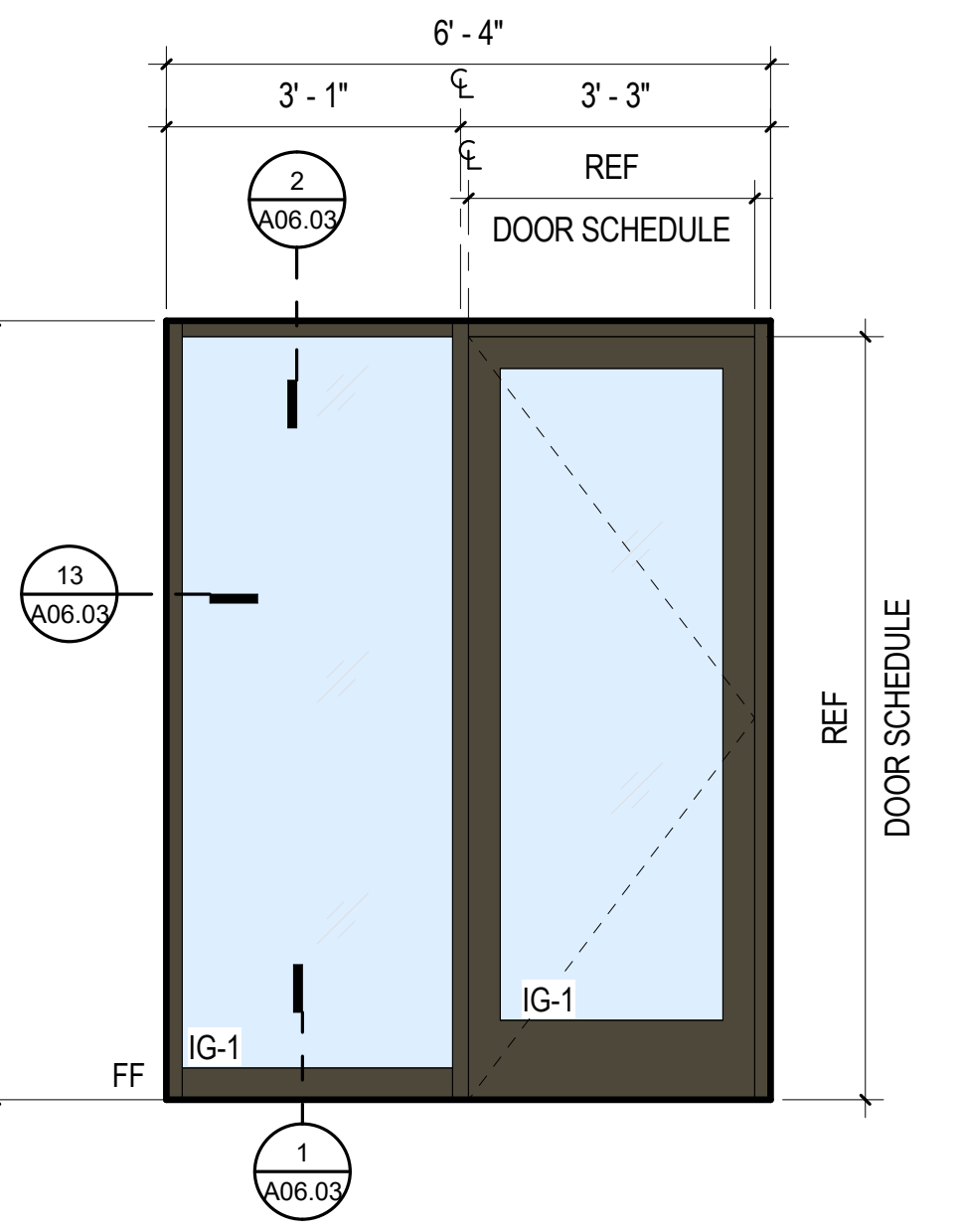
E STOREFRONT TYPE E
1/2" = 1'-0"



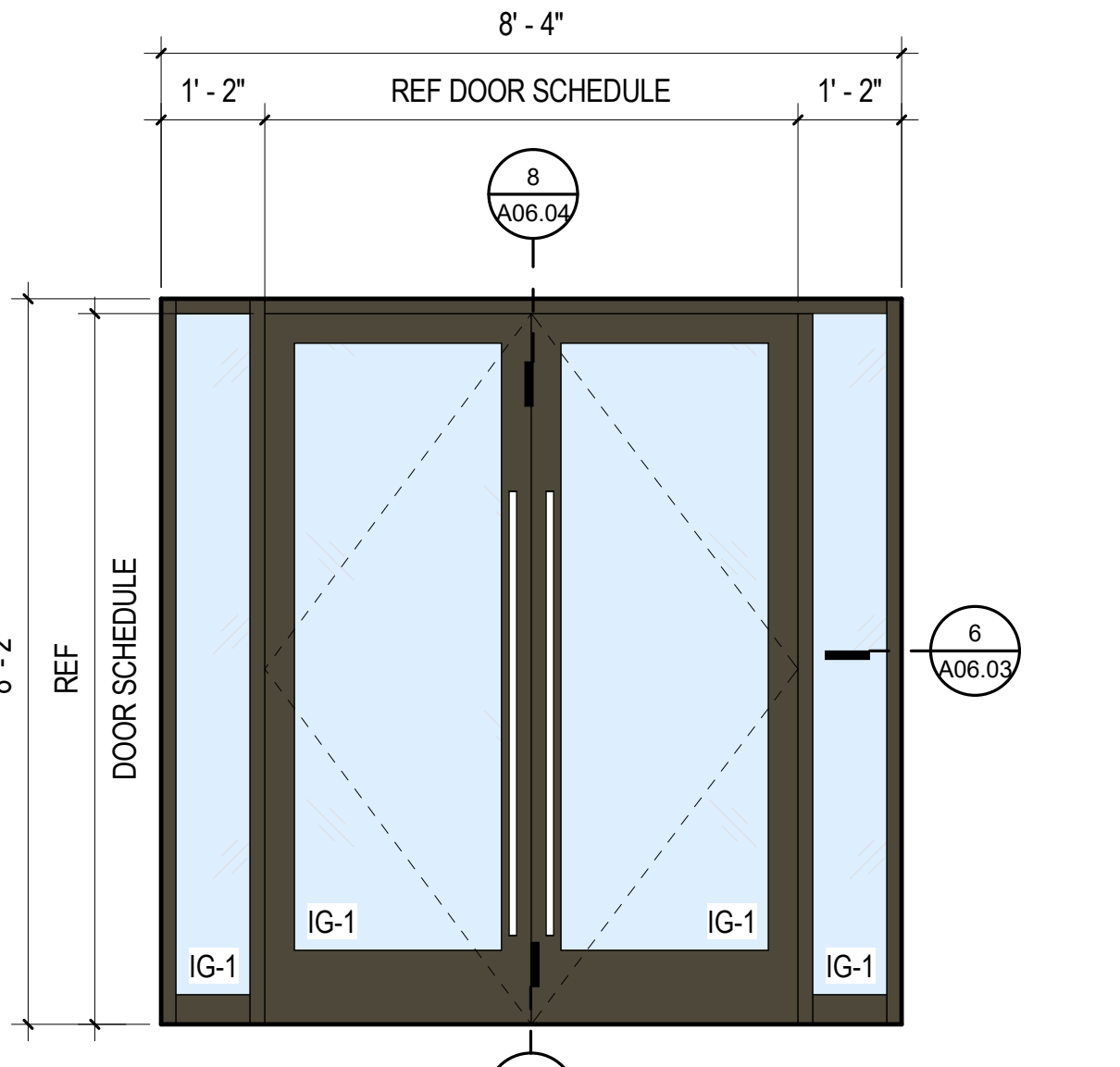
D STOREFRONT TYPE D
1/2" = 1'-0"



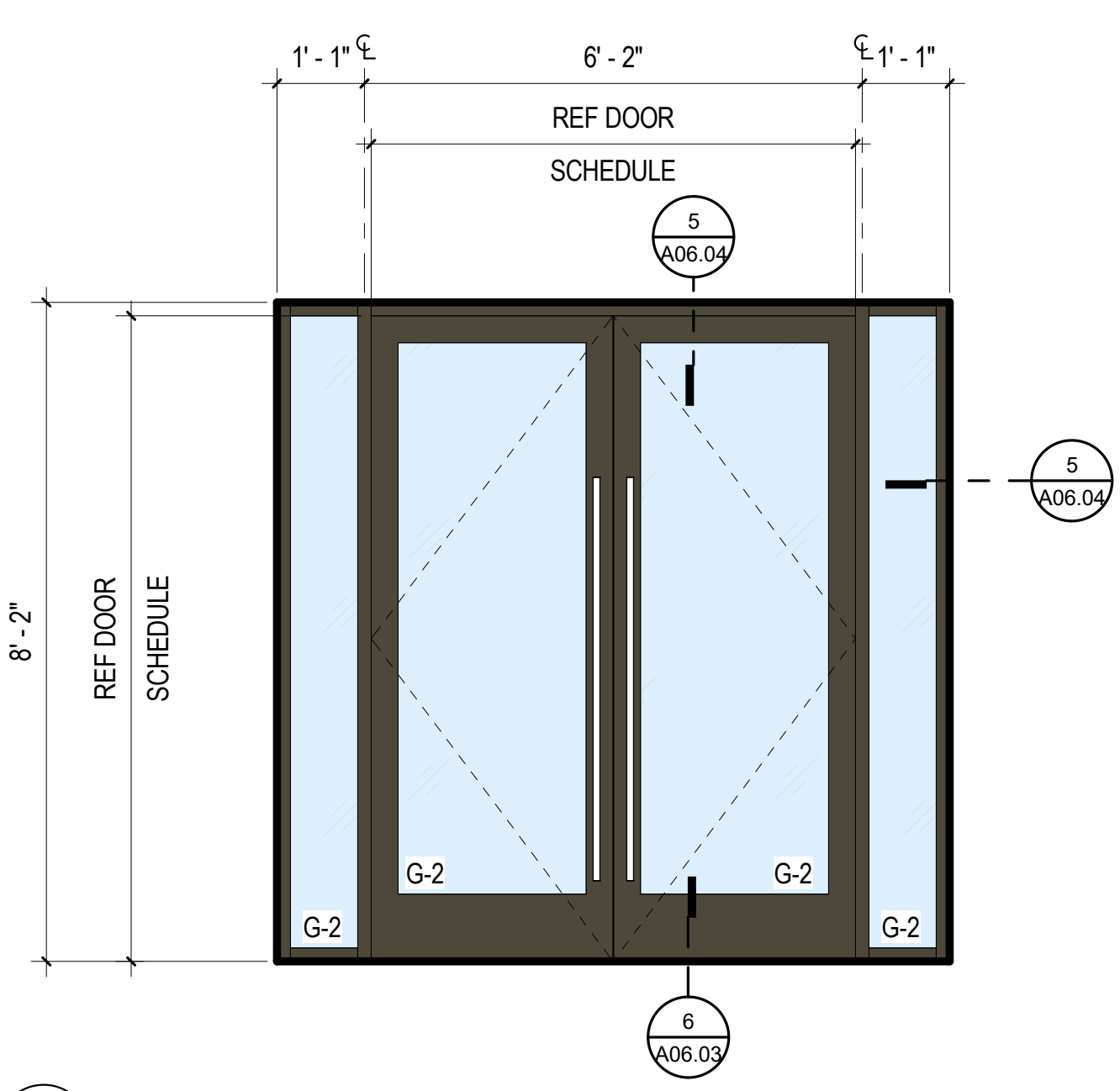
C STOREFRONT TYPE C
1/2" = 1'-0"



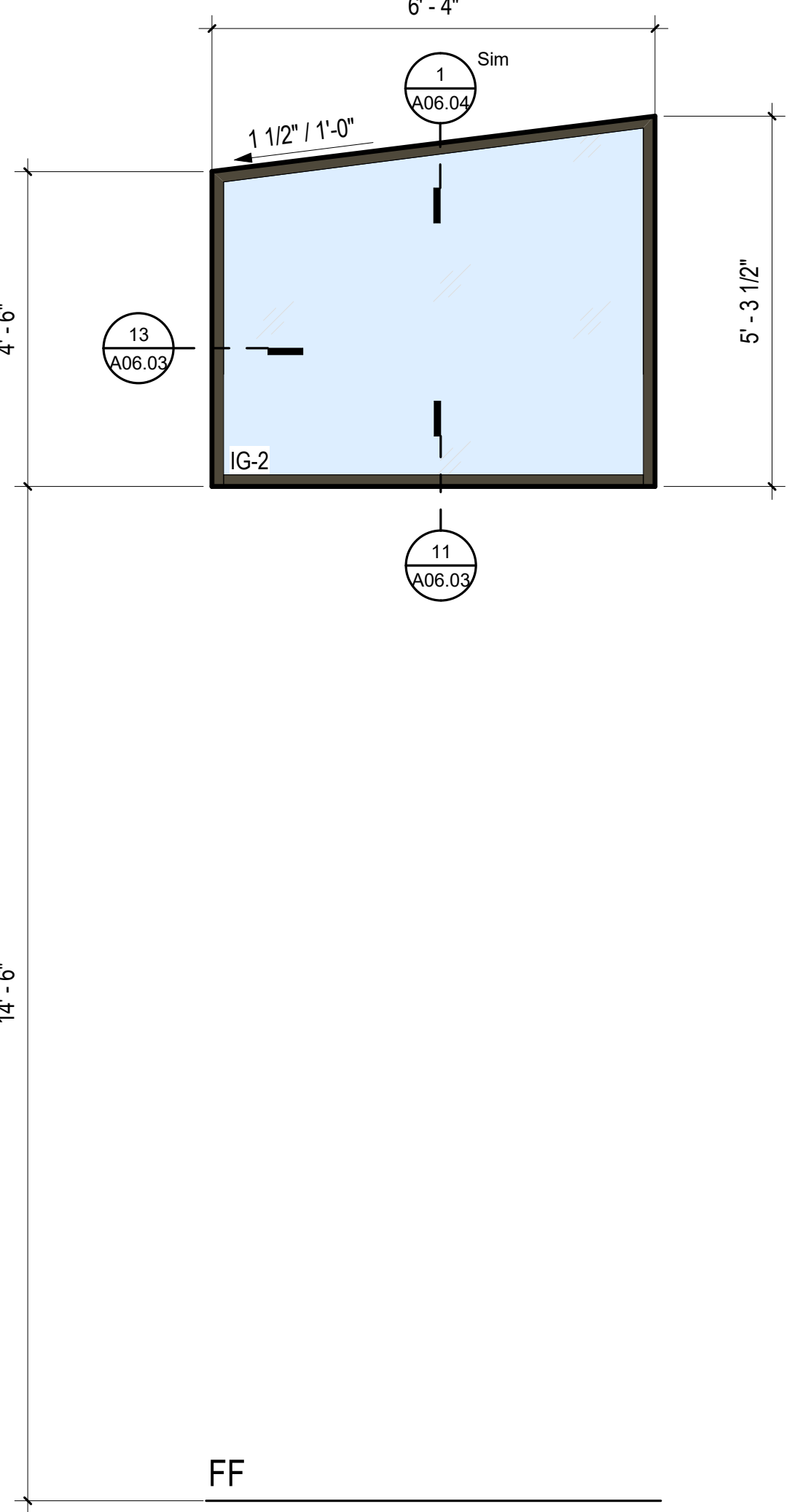
B STOREFRONT TYPE B
1/2" = 1'-0"



A STOREFRONT TYPE A
1/2" = 1'-0"



L STOREFRONT TYPE L
1/2" = 1'-0"



K STOREFRONT TYPE K
1/2" = 1'-0"

GENERAL NOTES

1.

ABBREVIATIONS

AL	ALUMINUM
AN	ANODIZED
BF	BI-FOLD
CAT	CATCH
CO	CASED OPENING
CYL	CYLINDRICAL LOCK
CR	CARD READER
F	FLUSH
FD	FRENCH DOOR
FF	FACTORY FINISH
GL	GLASS
HM	HOLLOW METAL
HG	HINGE
MFR	MANUFACTURER
MOR	MORTISE LOCK
OHG	OFFSET HINGE
OH	OVERHEAD
OL	OFFICE LOCK
P	PAINT
PIV	PIVOT
RL	RESTROOM LOCK
S	STAIN
SC	SOLID CORE WOOD - STAIN TO MATCH
	ARCHITECT SAMPLE
SF	STOREFRONT
SL	STOREROOM LOCK
SLD	SLIDING
STL	STEEL
T	TEMPERED GLASS
VL	VESTIBULE LOCK



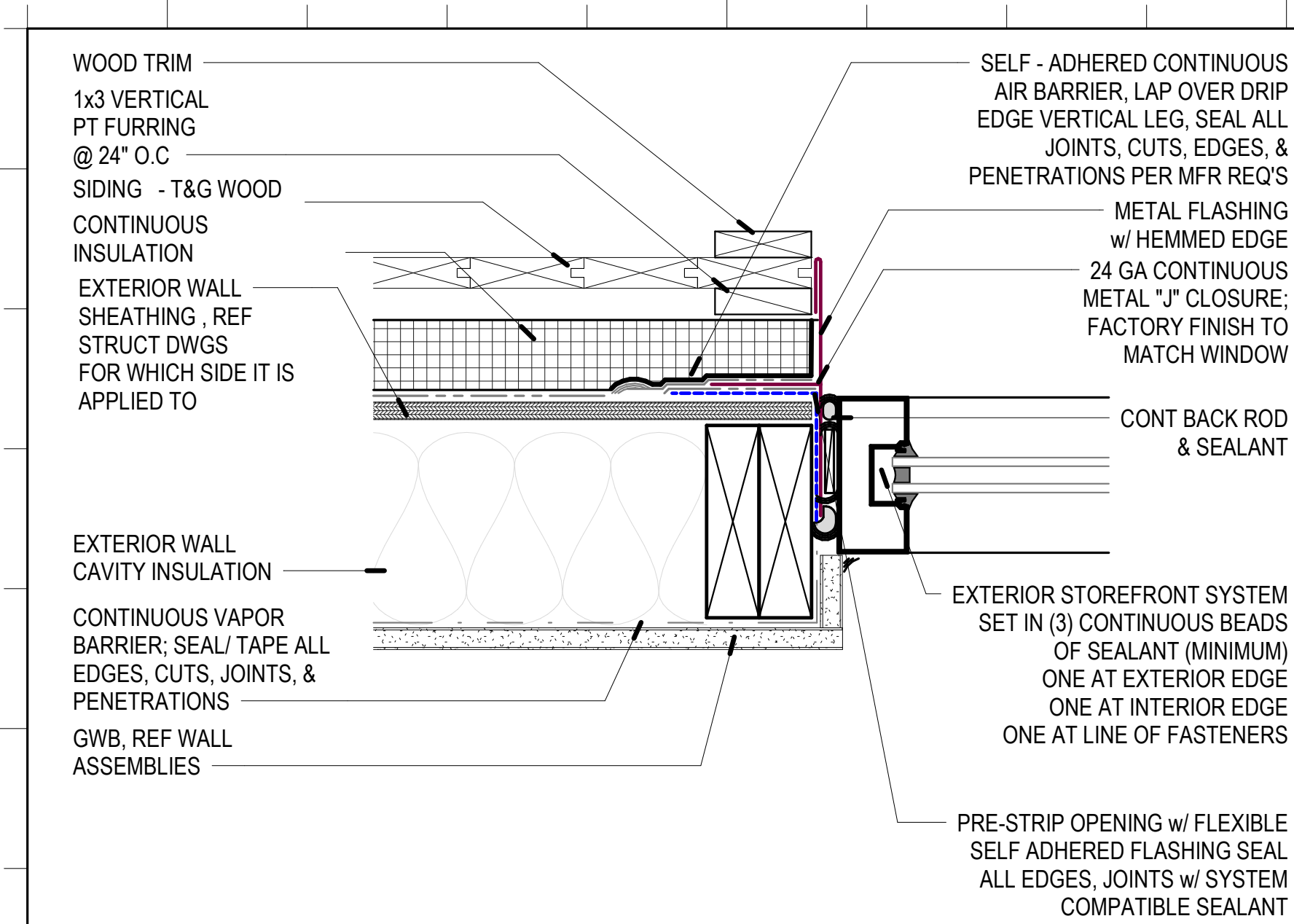
John Haynes Veterans Memorial Building
483 Conger Street, Garberville, CA 95542
Humboldt County
APN: 032-011-006-000

PROJECT:	2318	
DATE:	12/09/2024	
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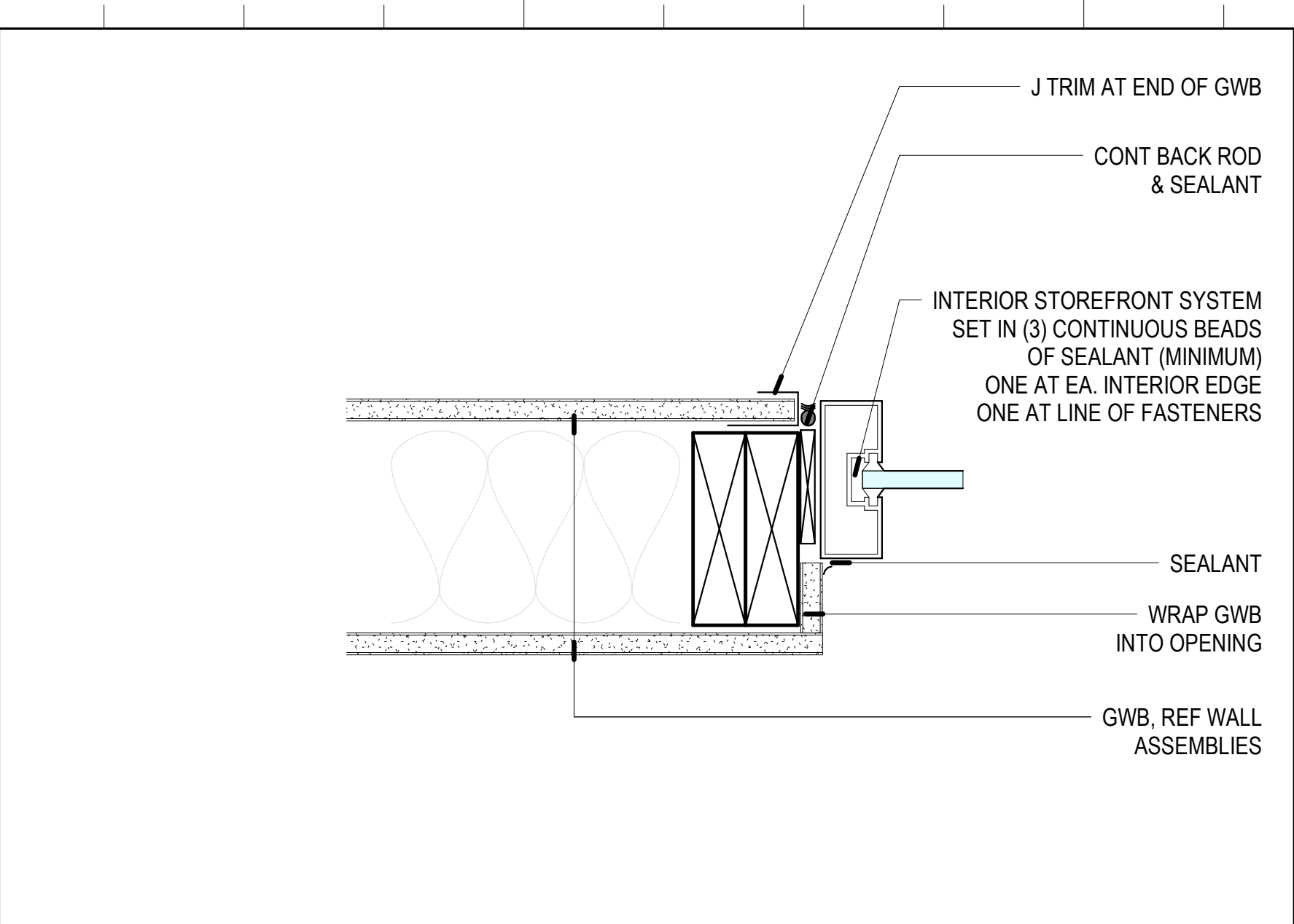
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STOREFRONT SCHEDULE

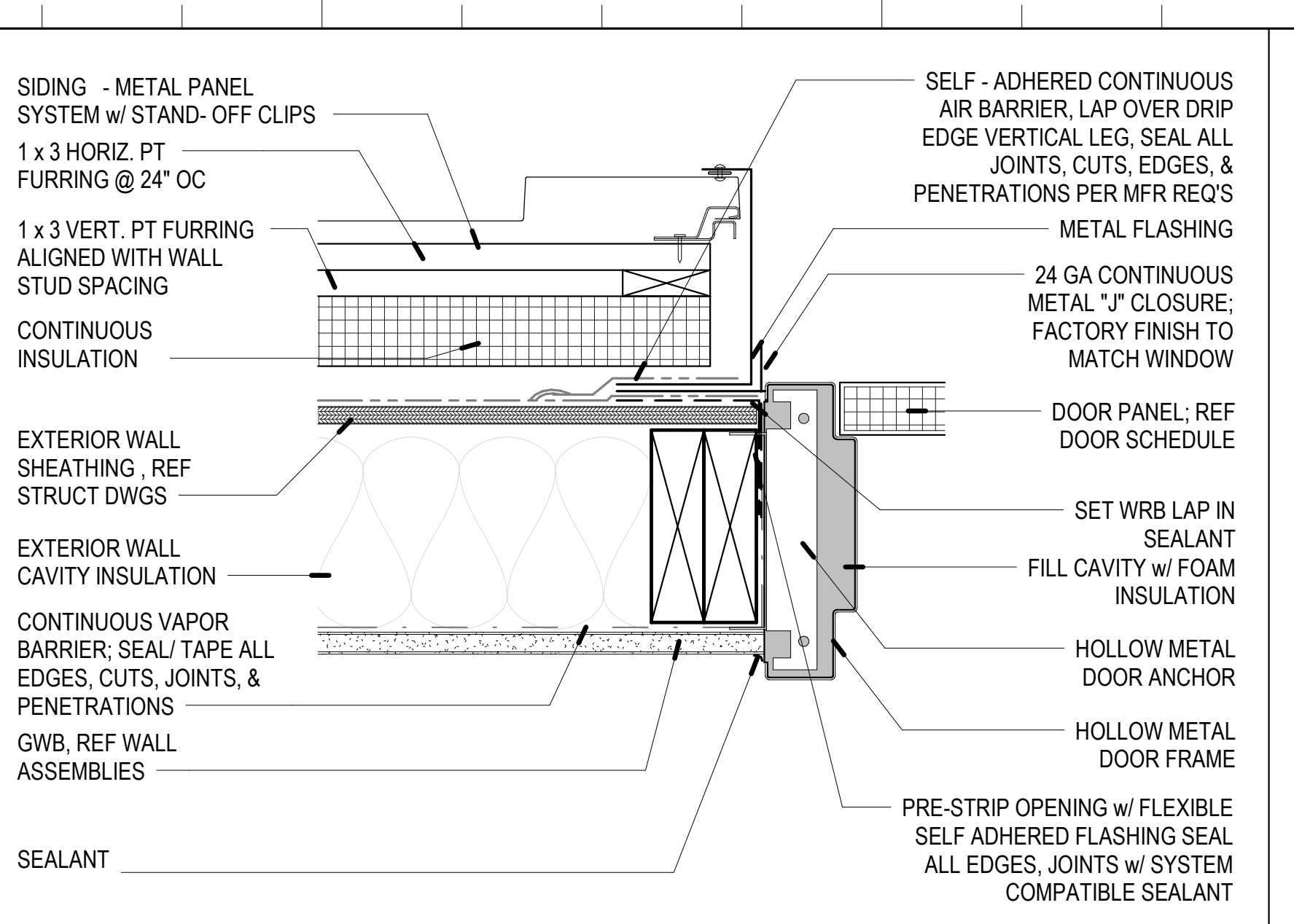
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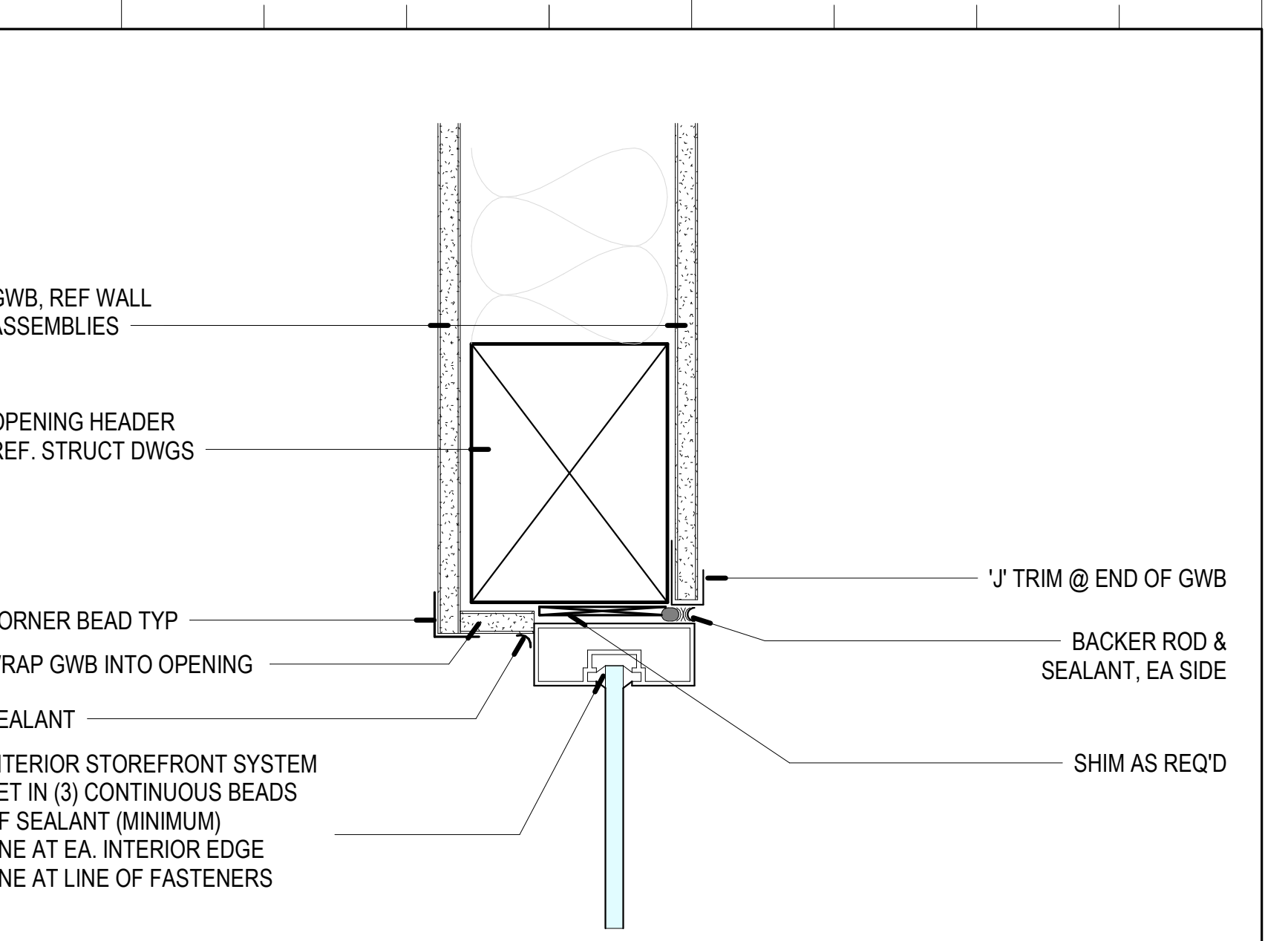
16 STOREFRONT JAMB @ T&G SIDING
3" = 1'-0"



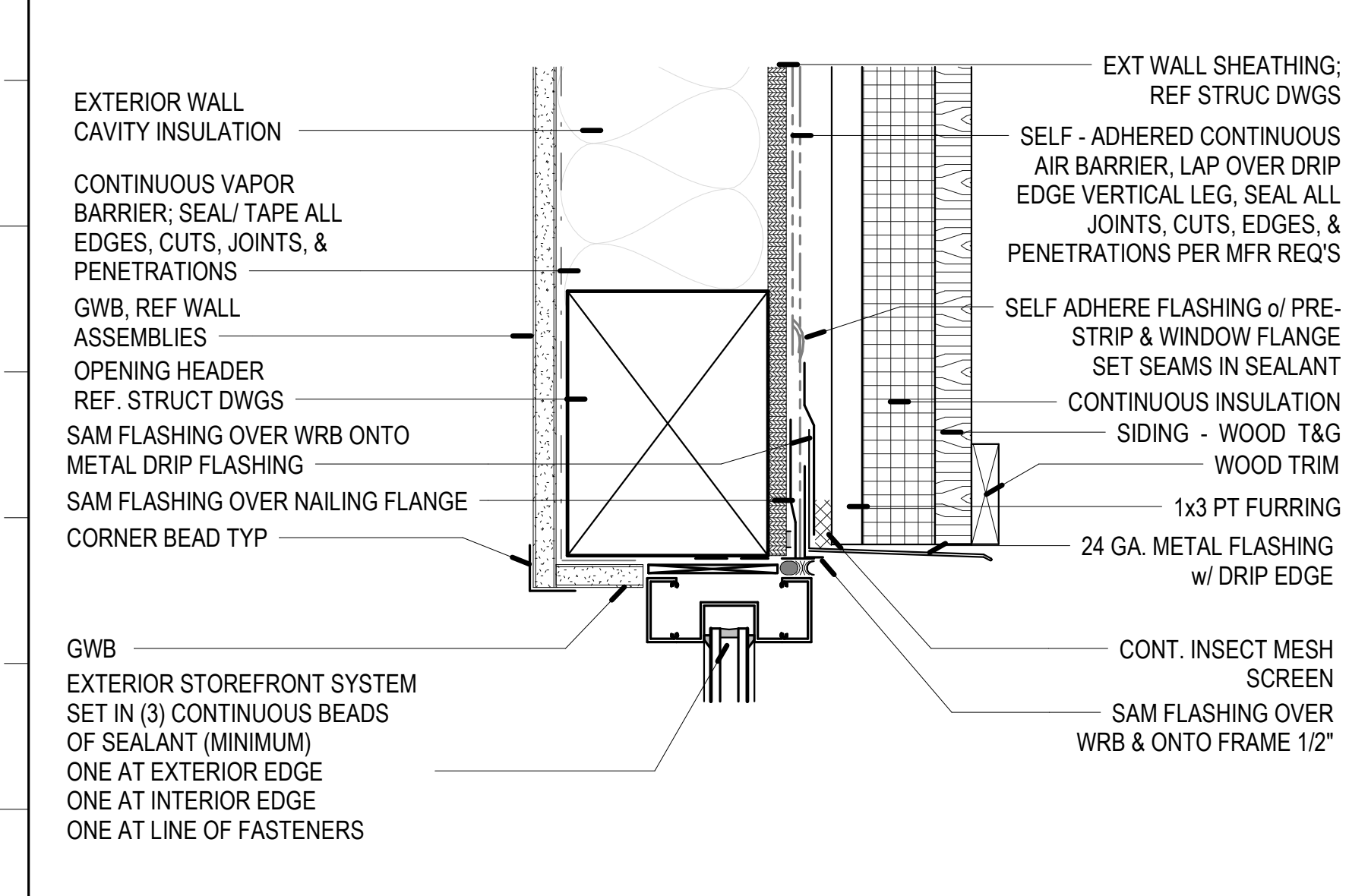
12 STOREFRONT JAMB @ INTERIOR
3" = 1'-0"



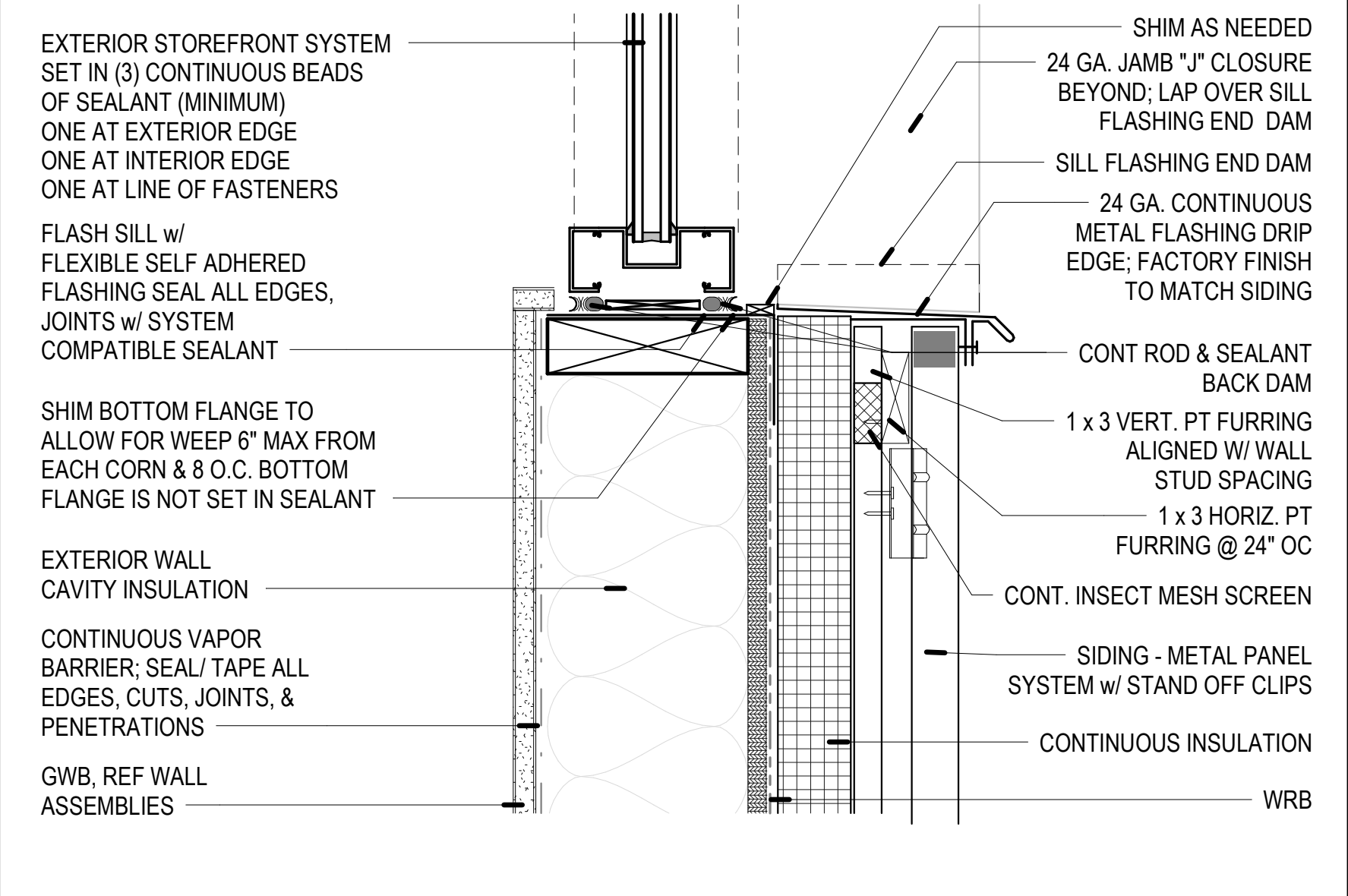
8 HOLLOW METAL DOOR JAMB @ METAL PANEL
3" = 1'-0"



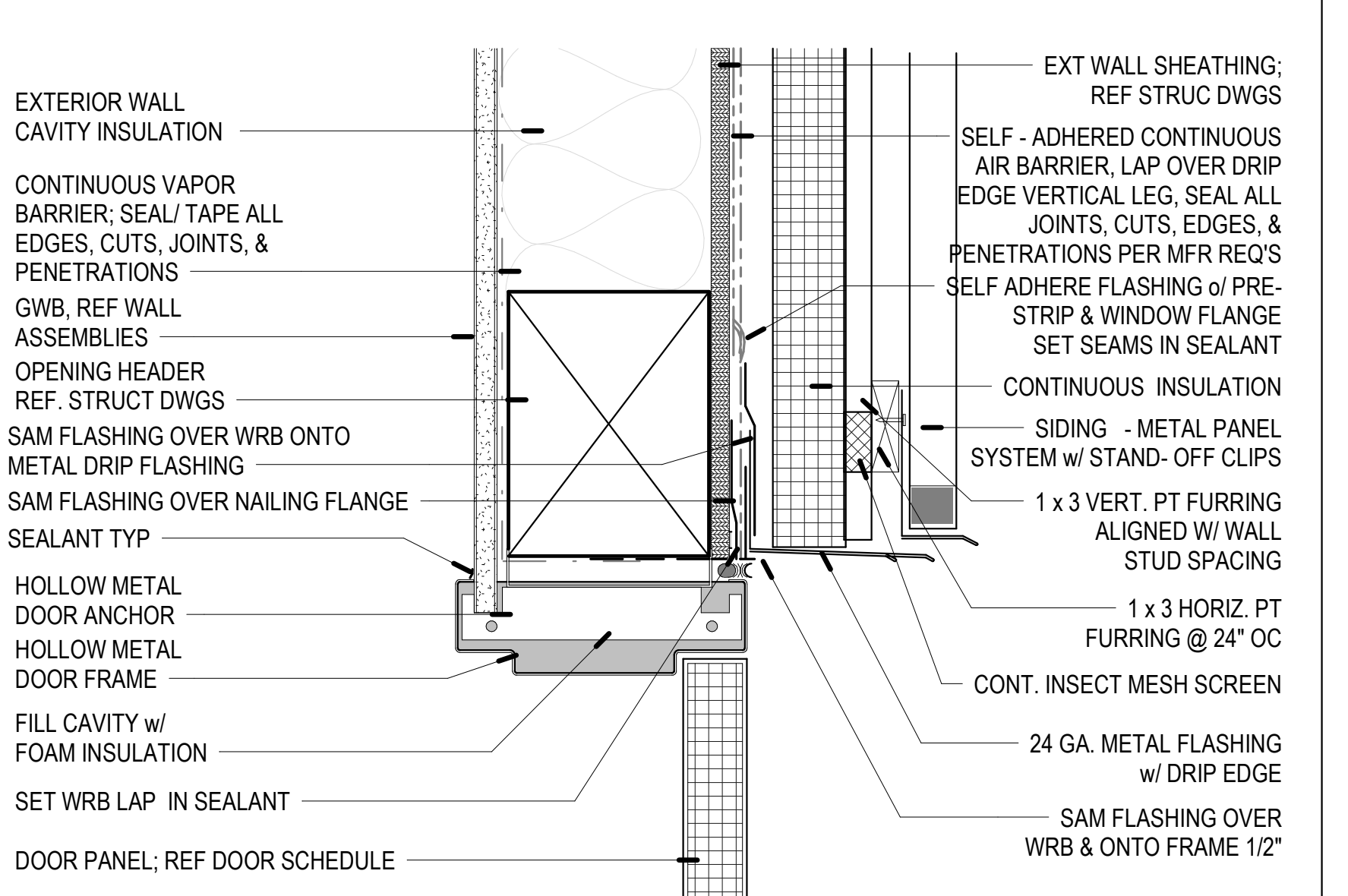
4 STOREFRONT HEAD @ INTERIOR
3" = 1'-0"



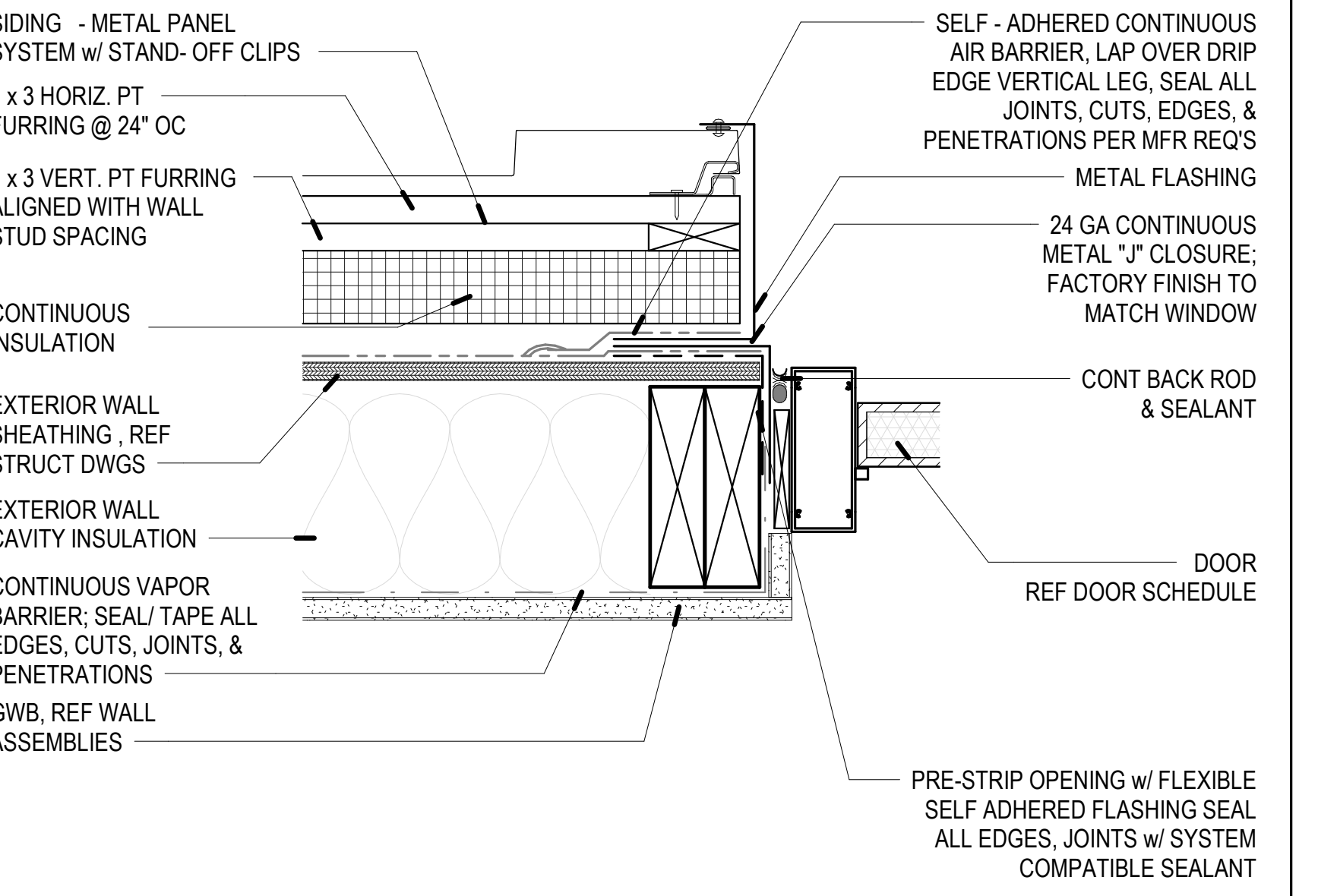
14 STOREFRONT HEAD @ T&G SIDING
3" = 1'-0"



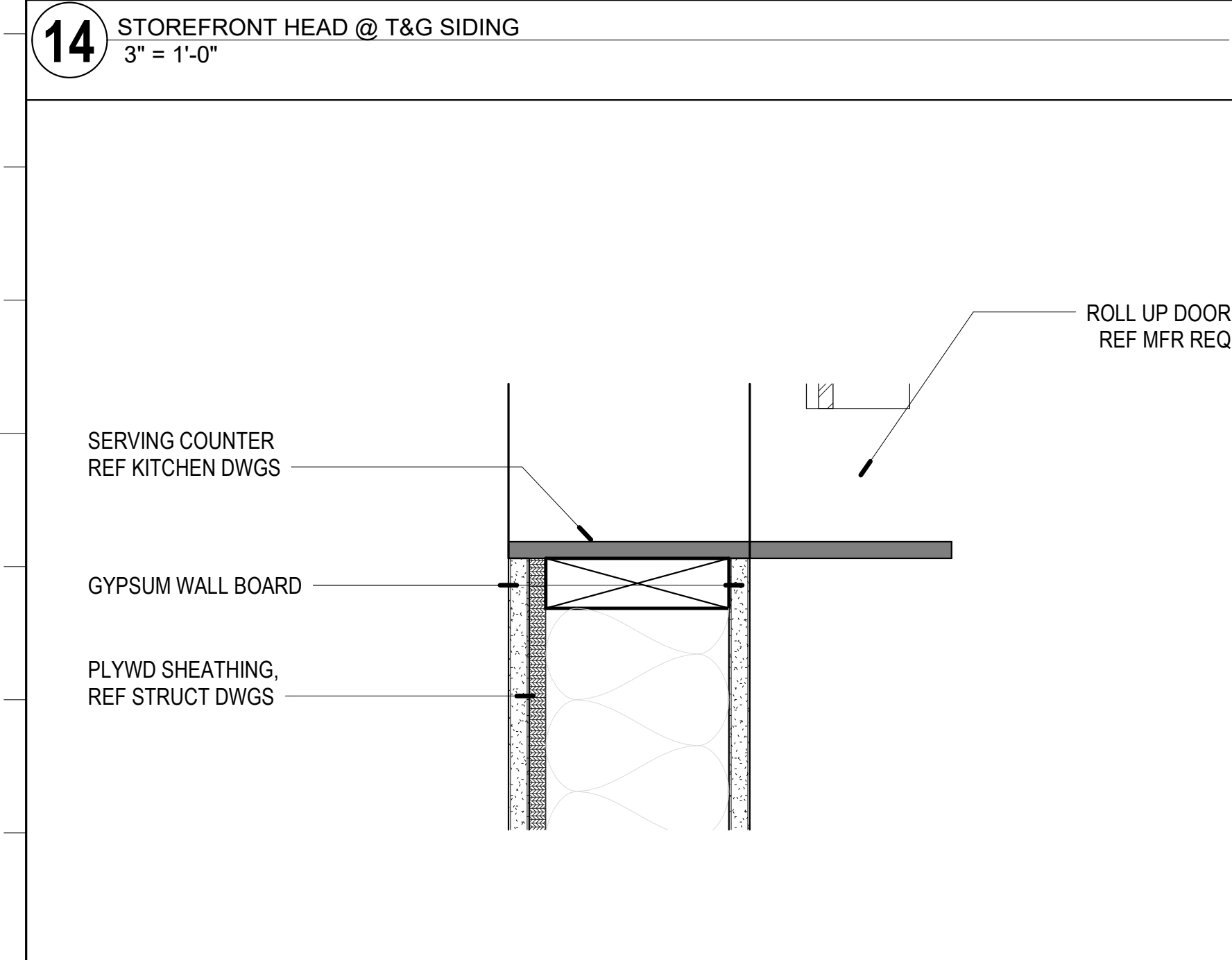
11 STOREFRONT EXTERIOR SILL @ METAL PANEL
3" = 1'-0"



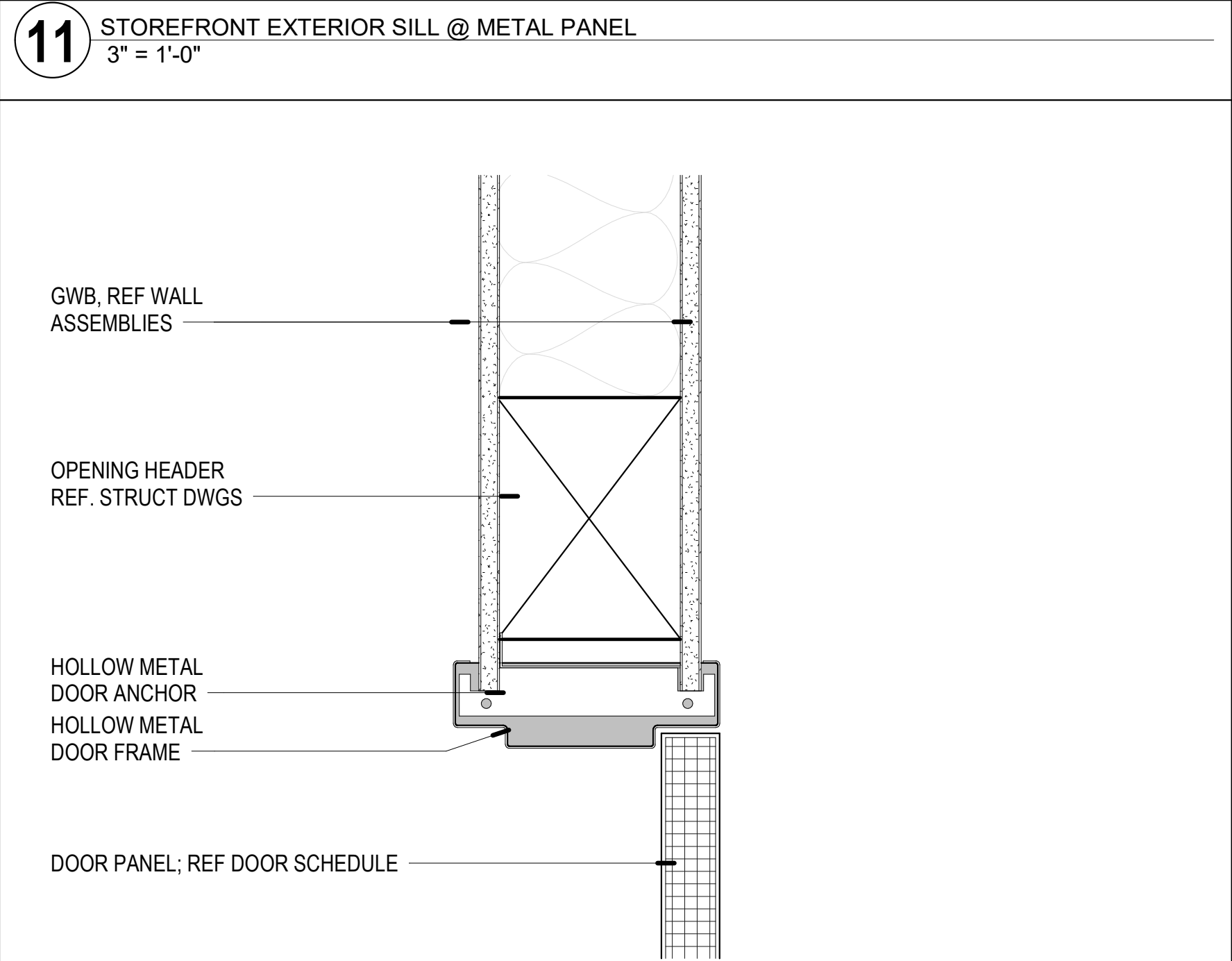
7 HOLLOW METAL DOOR HEAD @ METAL PANEL
3" = 1'-0"



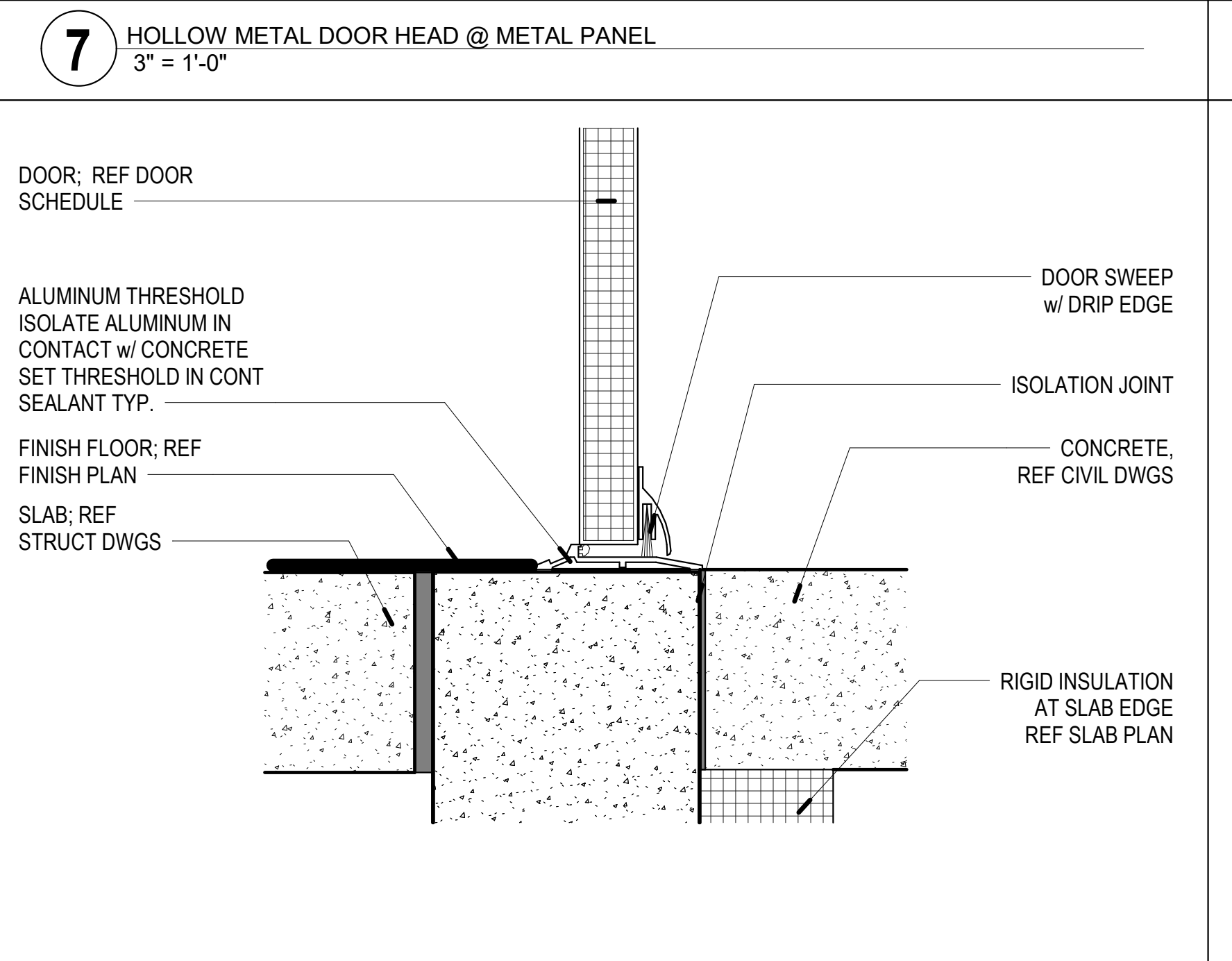
3 STOREFRONT DOOR JAMB @ METAL PANEL
3" = 1'-0"



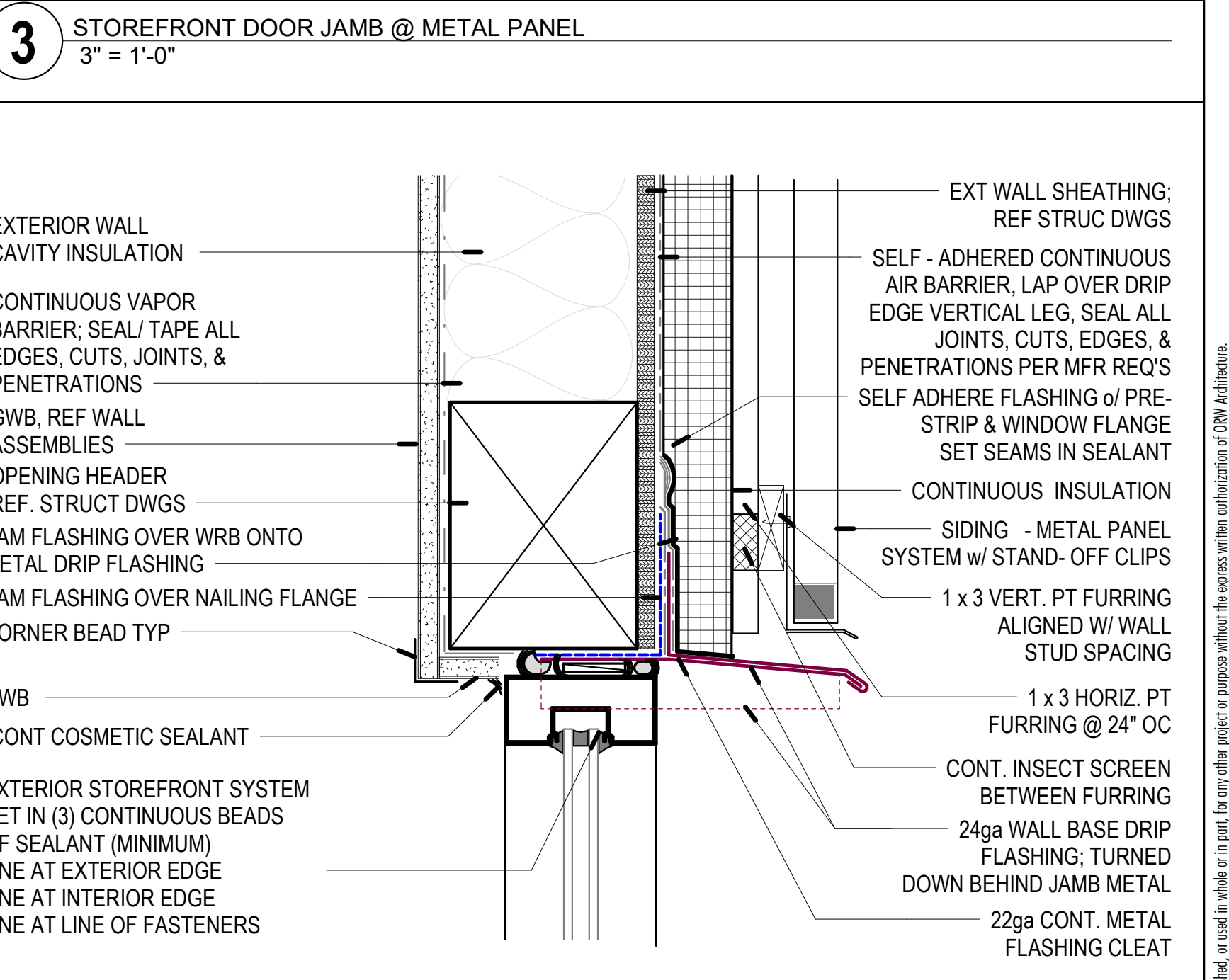
15 ROLL UP DOOR SILL @ INTERIOR
3" = 1'-0"



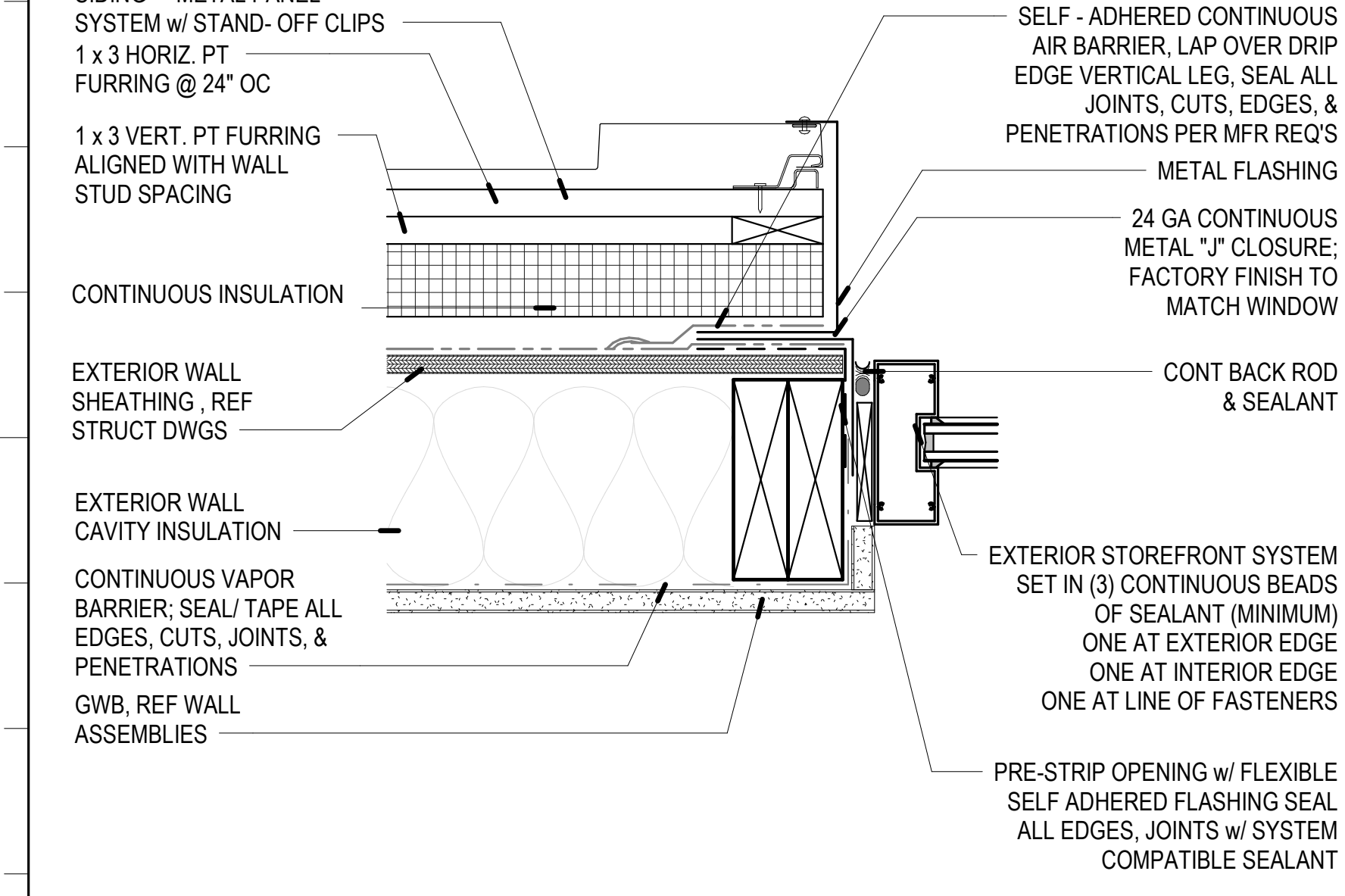
10 HOLLOW METAL DOOR HEAD @ INTERIOR
3" = 1'-0"



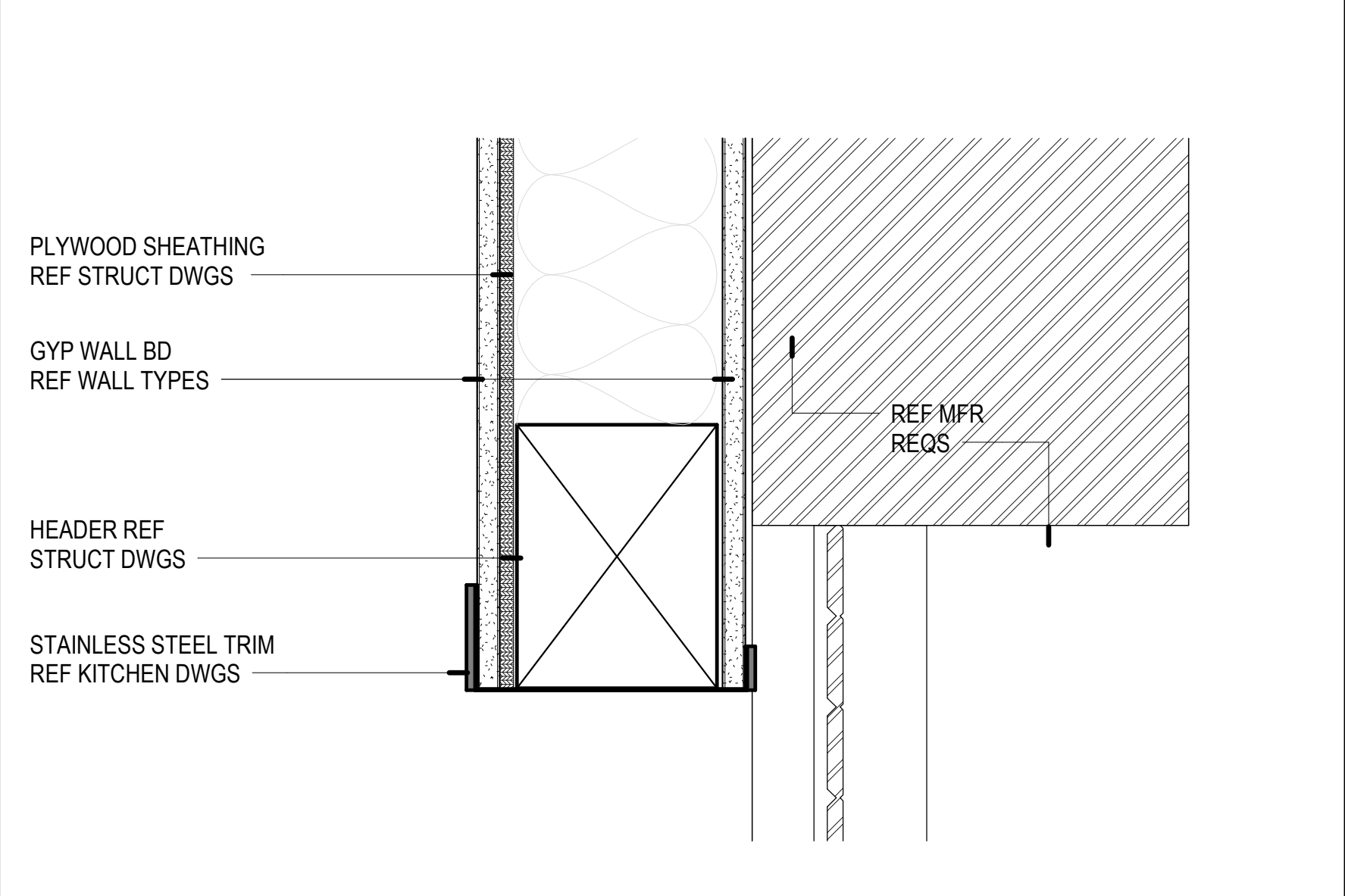
6 DOOR SILL @ EXTERIOR
3" = 1'-0"



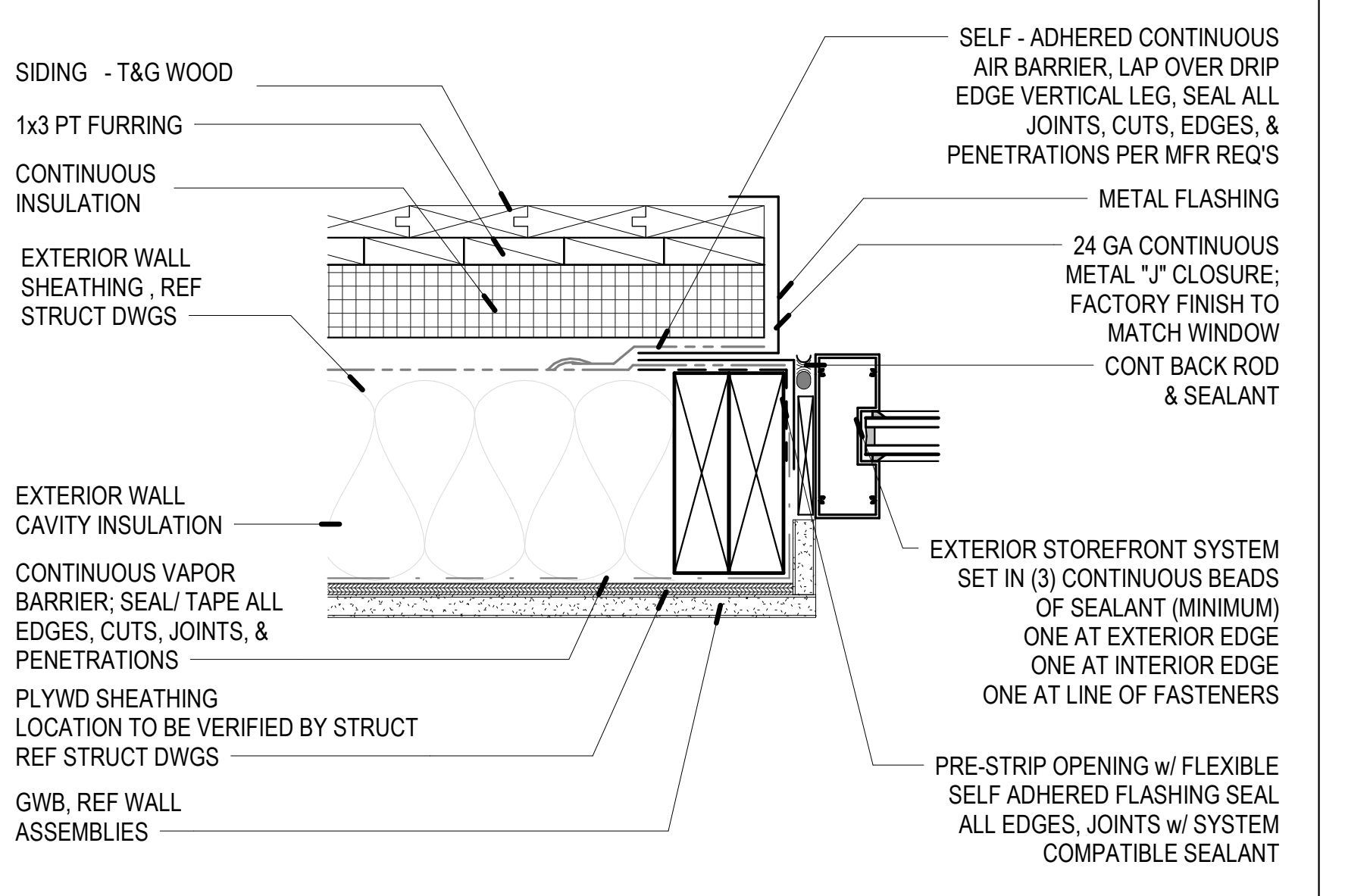
2 STOREFRONT HEAD @ METAL PANEL
3" = 1'-0"



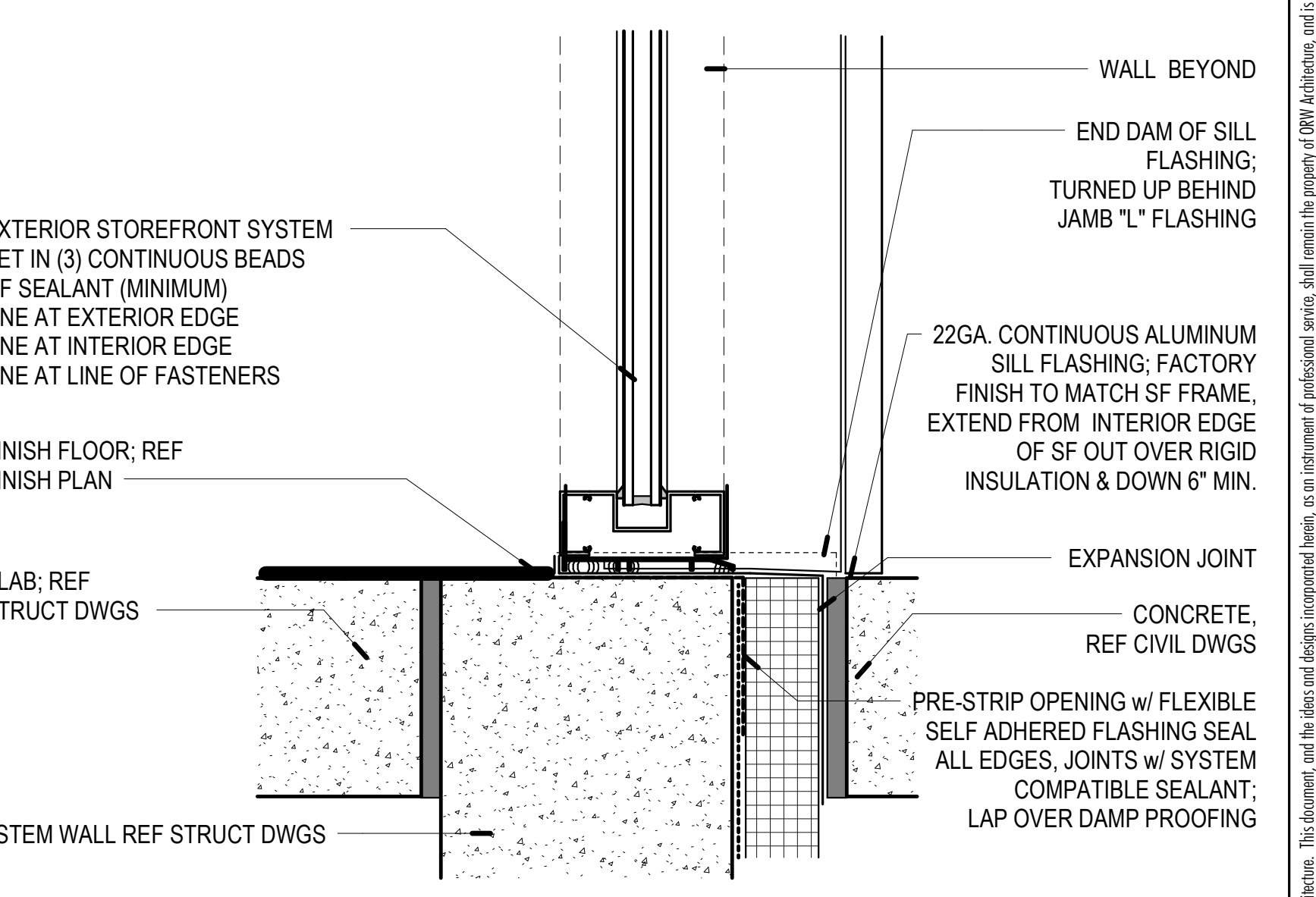
13 STOREFRONT JAMB @ METAL PANEL
3" = 1'-0"



9 ROLL UP DOOR HEAD
3" = 1'-0"



5 STOREFRONT JAMB @ T&G SIDING & SHEAR WALL
3" = 1'-0"



1 STOREFRONT EXTERIOR SILL
3" = 1'-0"



John Haynes Veterans Memorial Building
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Humboldt County
APN: 032-011-006-000

OPENING DETAILS

PROJECT: 2318
DATE: 12/09/2024
ISSUE: 100% CD

No.	Description	Date

1'-4"
1'
9"
6"
3"
0" SCALE: 3" = 1'-0"

2'-8"
2'
0" SCALE: 1 1/2" = 1'-0"

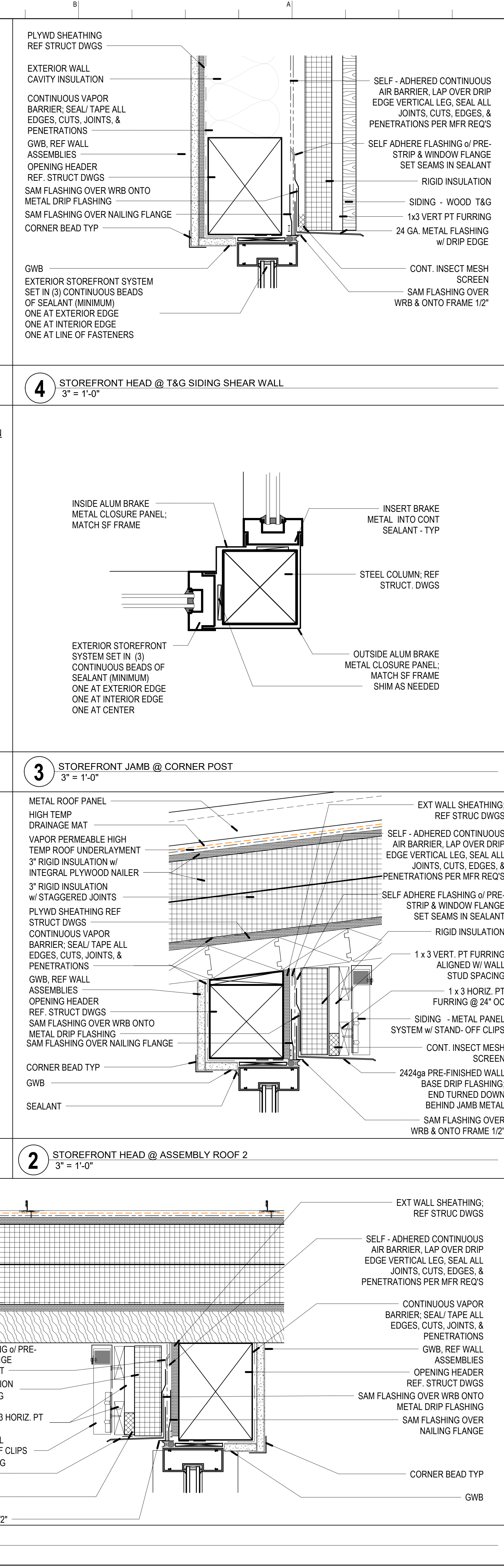
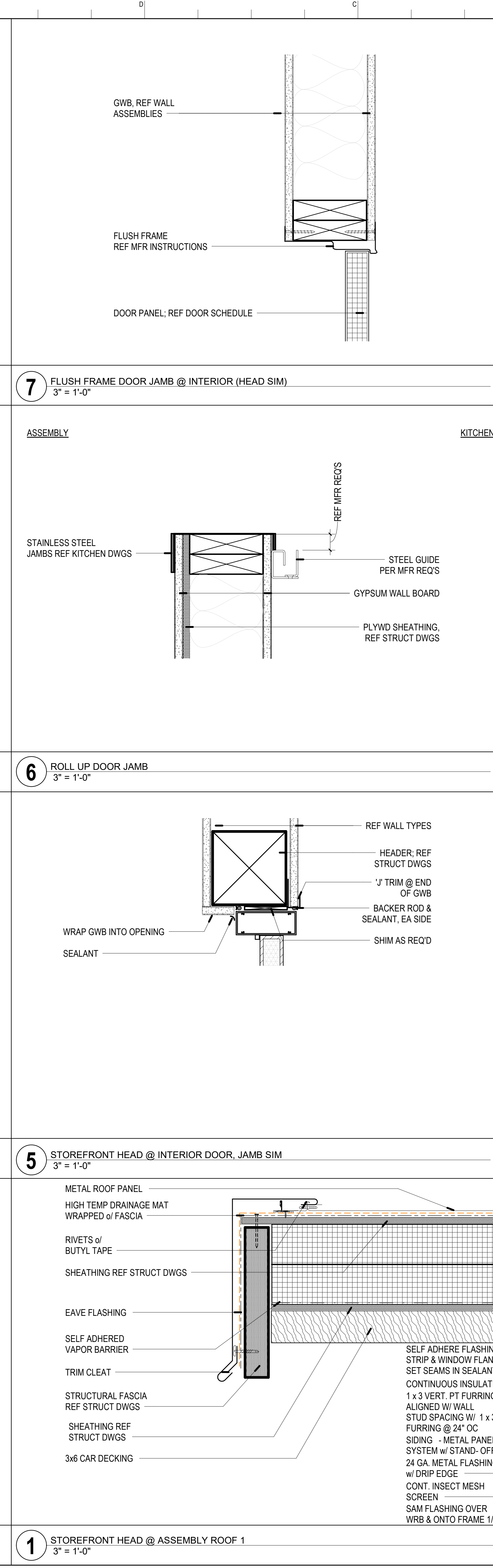
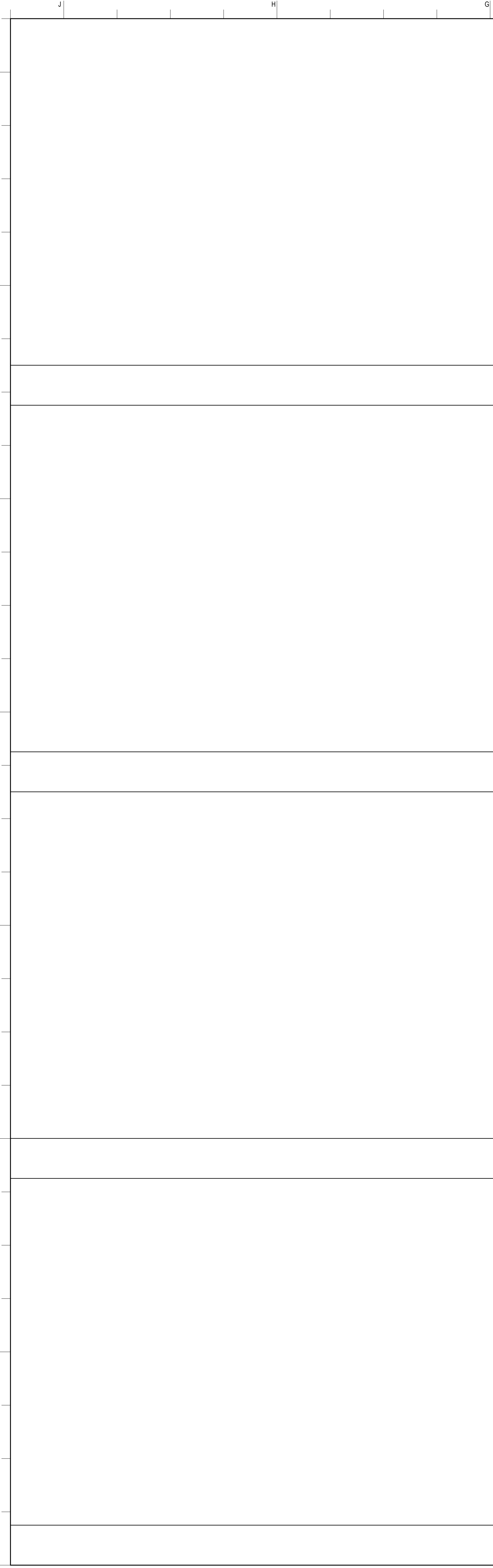
16"
8"
4"
2"
0" SCALE: 1/4" = 1'-0"

10'-8"
7'
0" SCALE: 3/8" = 1'-0"

32"
16"
8"
4"
0" SCALE: 1/8" = 1'-0"

42'-8"
24"
12"
4"
0" SCALE: 3/32" = 1'-0"

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LICENSED ARCHITECT
C-37478
STATE OF CALIFORNIA
J. David Winters, II
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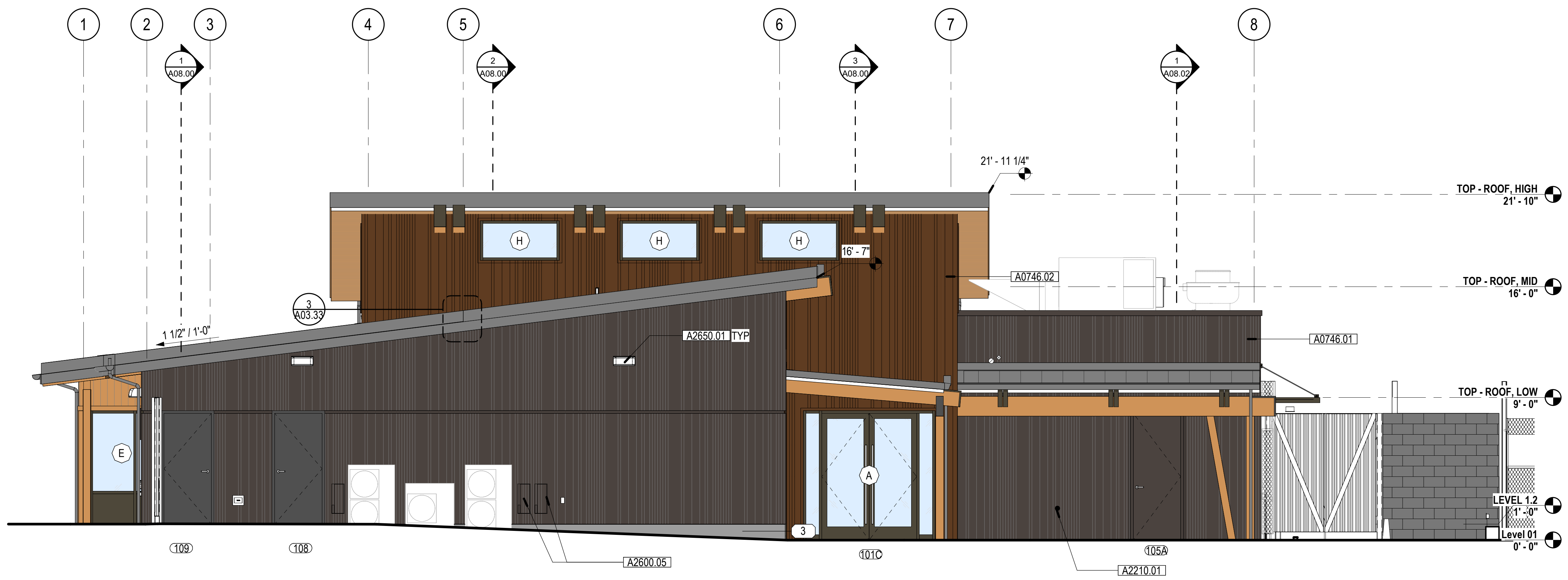
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OPENING DETAILS

PROJECT: 2318
DATE: 12/09/2024
ISSUE: 100% CD

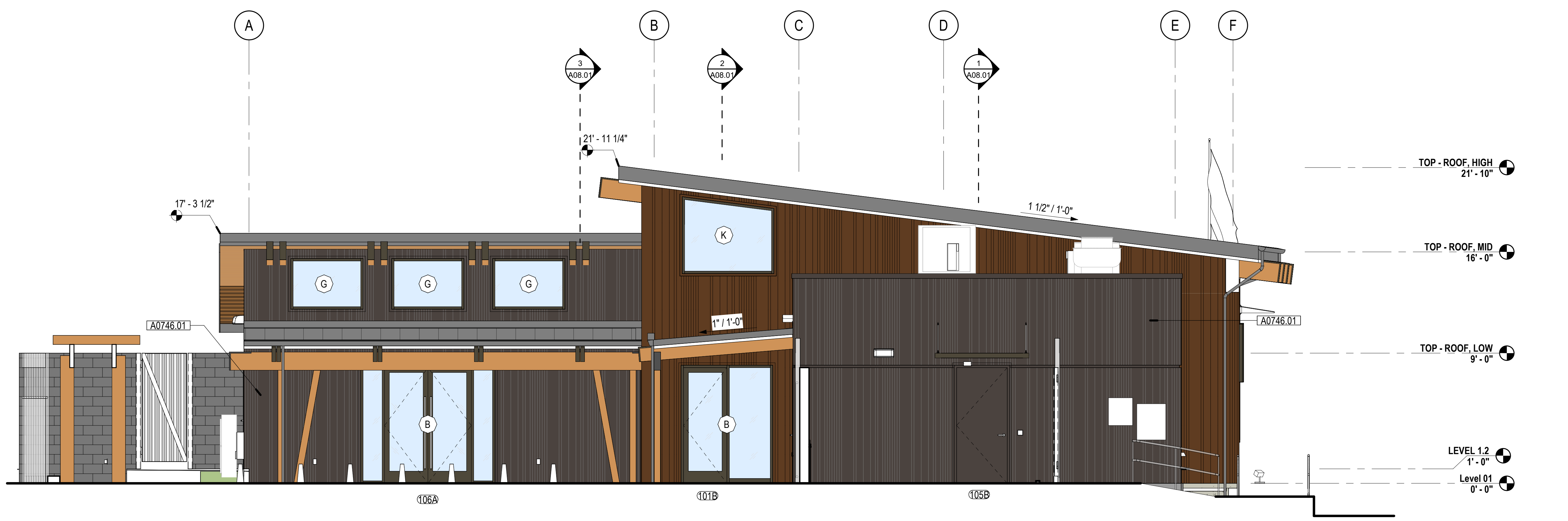
No.	Description	Date

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 SCALE: 3/32" = 1'-0"
 SCALE: 1/8" = 1'-0"
 SCALE: 3/8" = 1'-0"
 SCALE: 1/4" = 1'-0"
 SCALE: 1/2" = 1'-0"
 SCALE: 3" = 1'-0"
 SCALE: 1 1/2" = 1'-0"
 SCALE: 1 1/4" = 1'-0"



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



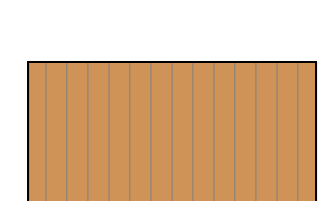
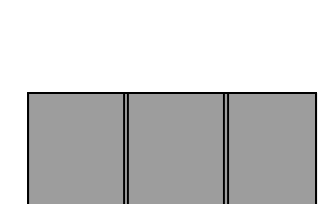


1 ELEVATION - NORTH
 1/4" = 1'-0"

GENERAL NOTES

1. -

LEGEND

-  MP-1 METAL PANEL
MANUFACTURER: AEP SPAN
COLOR: VINTAGE
-  MP-2 METAL PANEL 2
MANUFACTURER: AEP SPAN
COLOR: FLEX RED
-  WP-1 WOOD
DESC: 4" T&G VERTICAL REDWOOD
PLANKS
-  CF-1 CONCRETE FACED
INSULATED WALL
MANUFACTURER: T CLEAR CORP

KEYNOTES

#	NOTE
A0746.01	MP-1 METAL PANEL 1 - VINTAGE
A0746.02	MP-2 METAL PANEL 2 - FLEX RED
A2210.01	PLUMBING PIPE, REF PLUMB DWGS
A2600.05	ELECTRICAL DISCONNECTS, REF ELEC DWGS
A2650.01	LIGHTING FIXTURE, REF ELEC DWGS



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 BUILDING ELEVATIONS

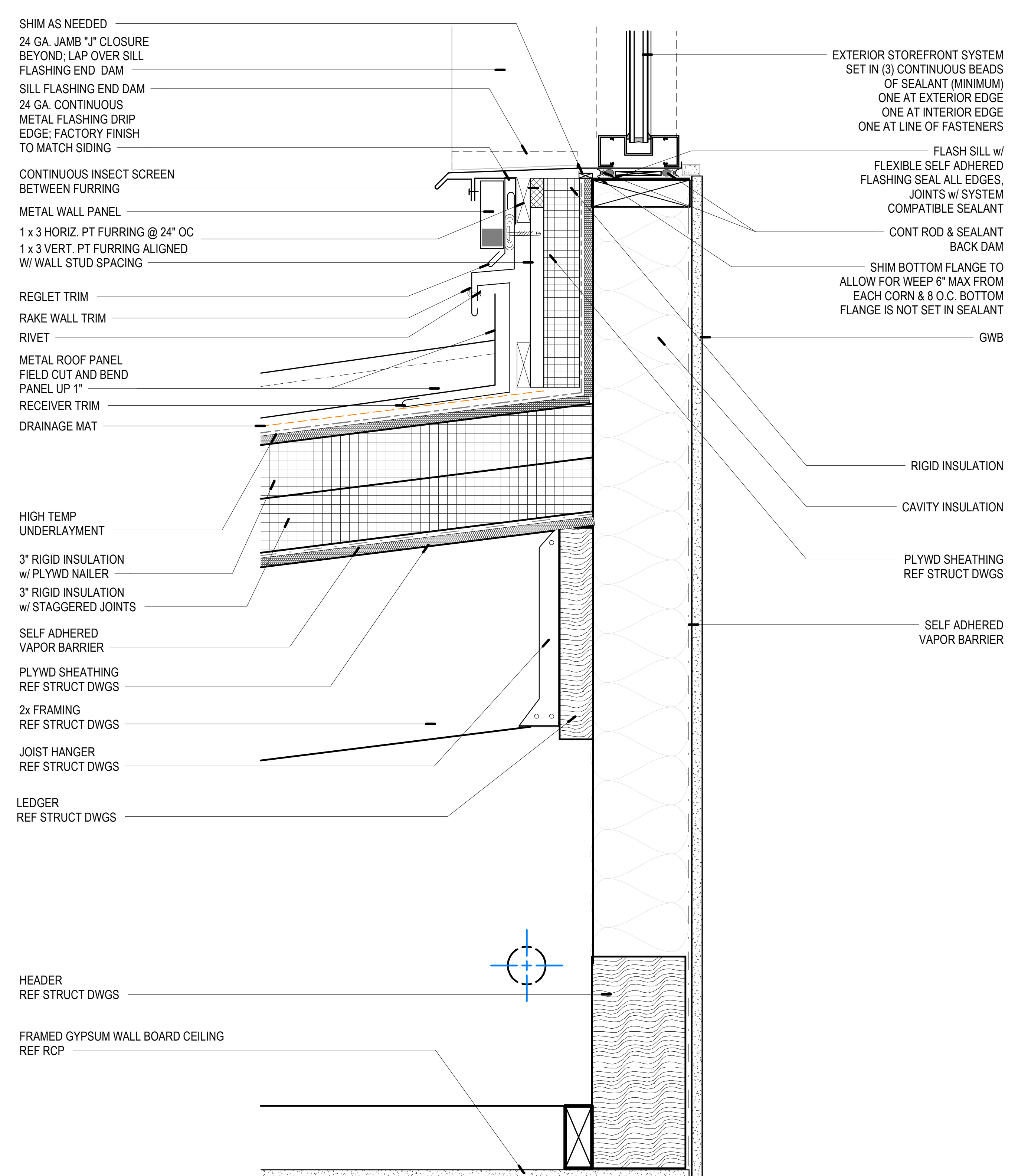
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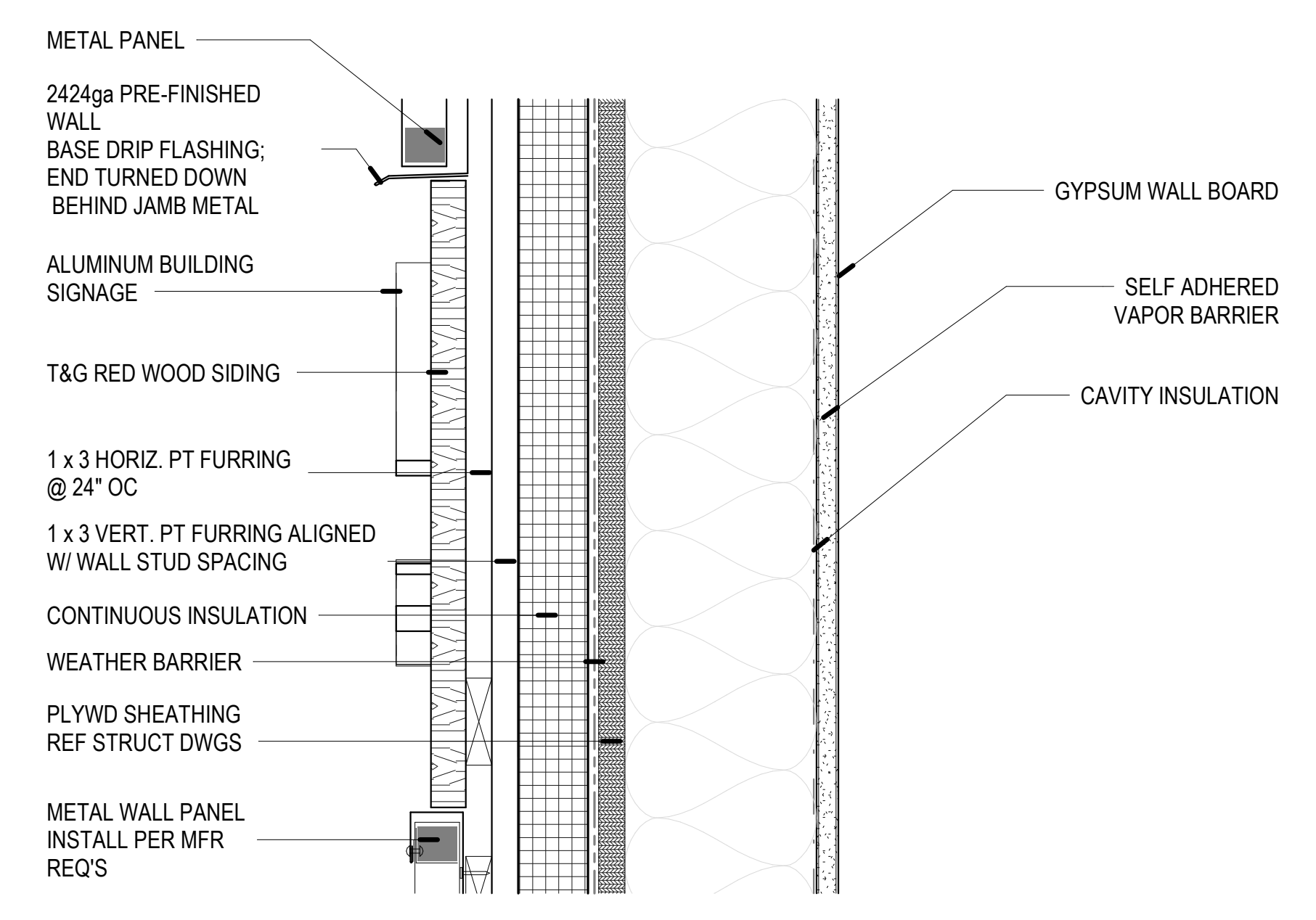
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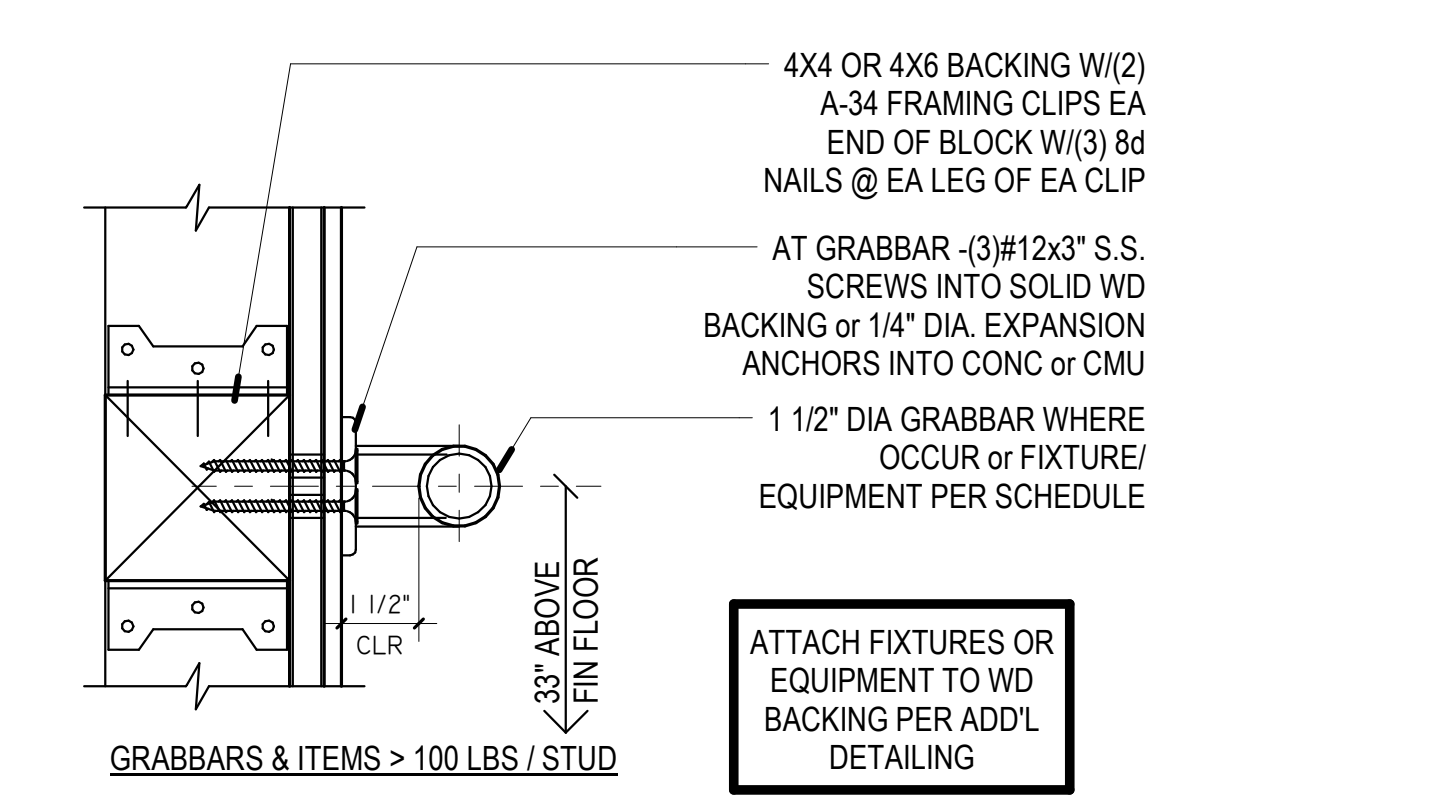
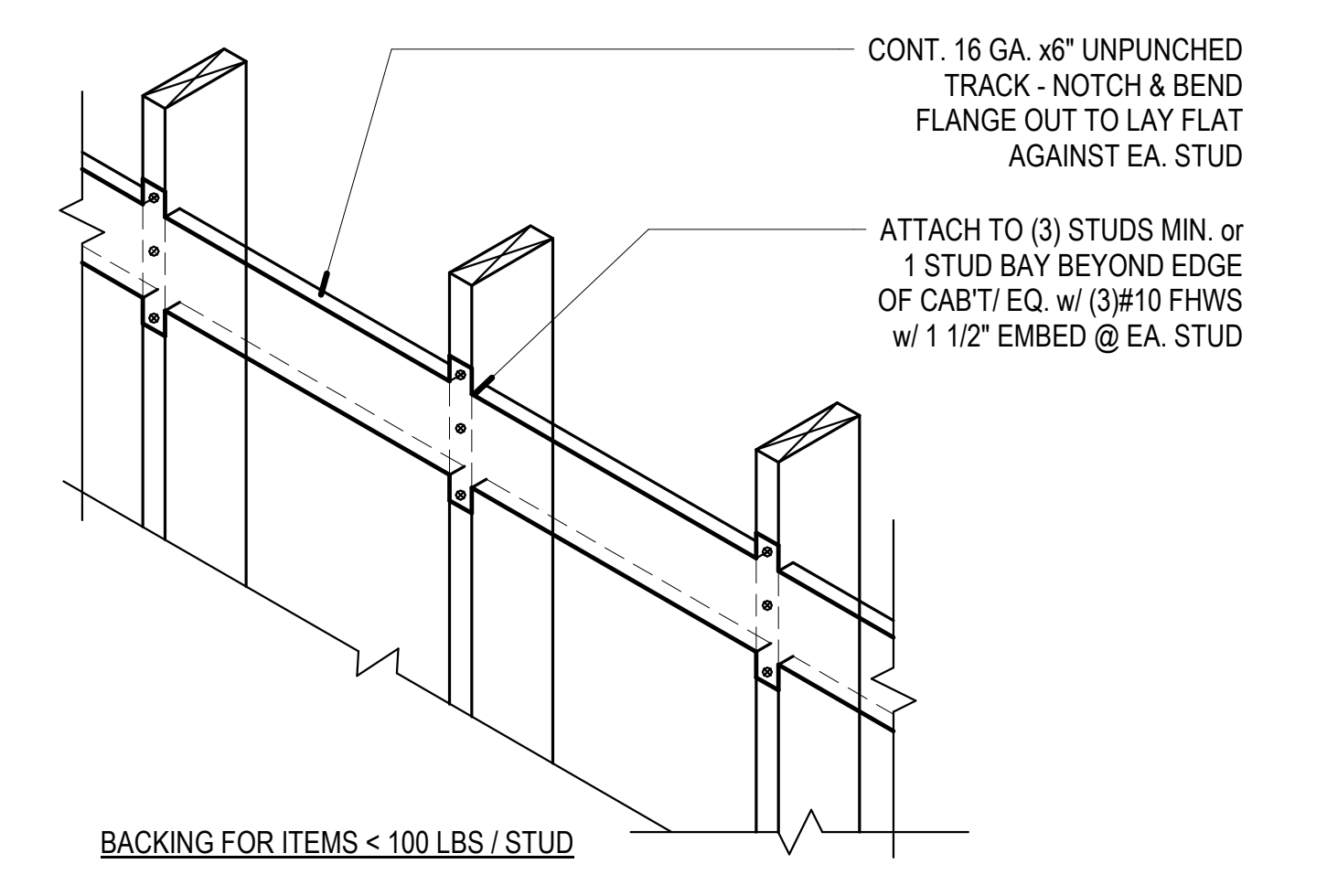
1'-4"
1'
9"
6"
3"
0" SCALE: 3" = 1'-0"
2'-8"
2'
1'
6"
0" SCALE: 1 1/2" = 1'-0"
16"
8"
4"
0" 2" 4" SCALE: 1/4" = 1'-0"
10'-8"
7'
3'
0" 1" 3" SCALE: 3/8" = 1'-0"
32"
16"
8"
0" 4" 8" SCALE: 1/8" = 1'-0"
42'-8"
24"
12"
0" 4" SCALE: 3/32" = 1'-0"
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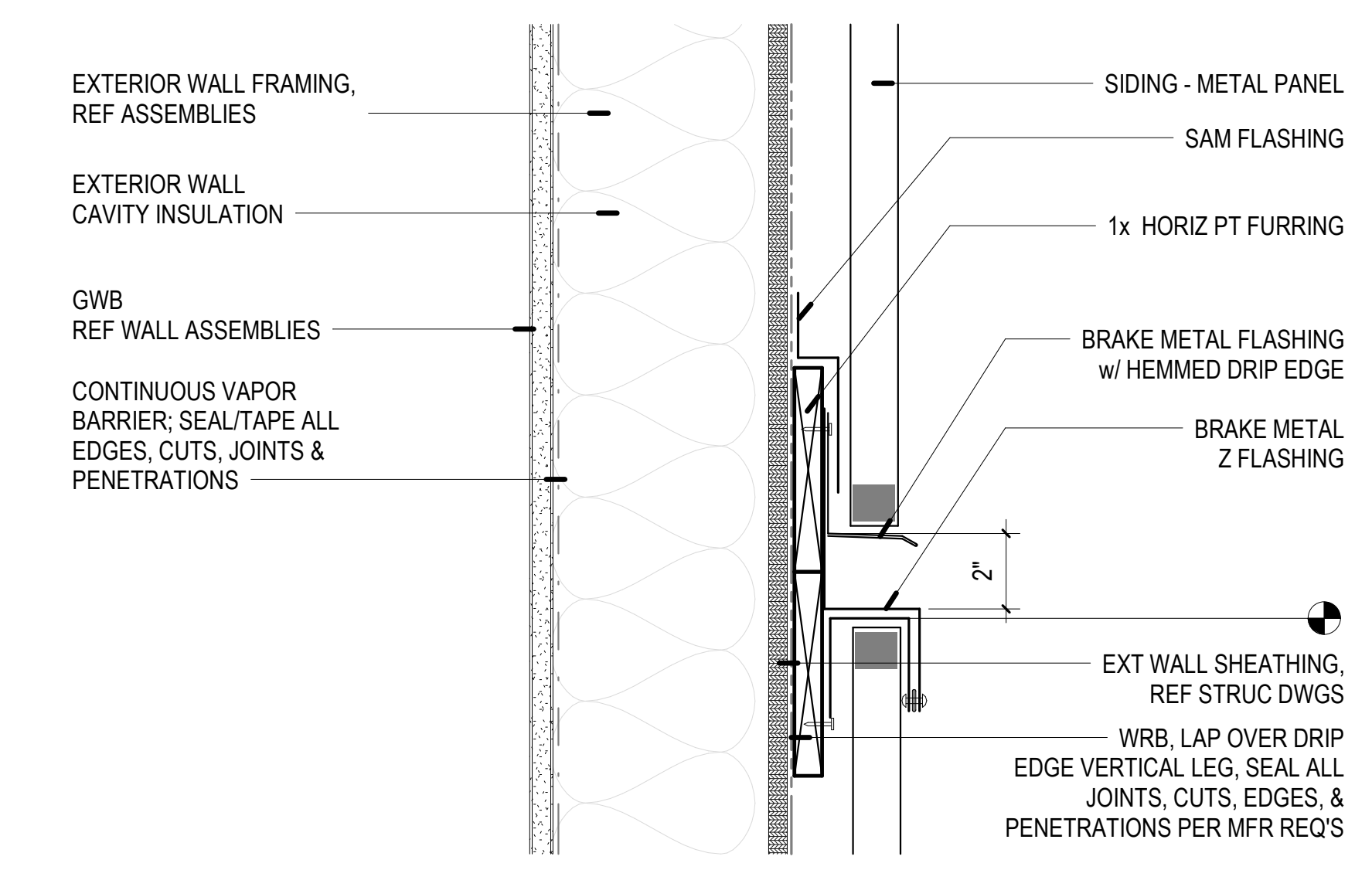
3 SILL DETAIL @ FRAMED SOFFIT
3" = 1'-0"



4 SIGNAGE @ METAL PANEL
3" = 1'-0"



2 INTERIOR, WALL BACKING
3" = 1'-0"



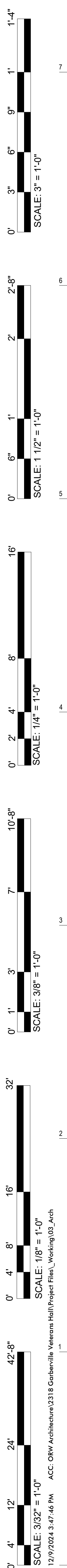
1 METAL PANEL REVEAL
3" = 1'-0"



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APN: 032-011-006-000


PROJECT: 2318
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No.	Description	Date




DIVNUM	DIVISION	SECTION	KEY	NAME	MANUFACTURER	STYLE	COLOR	FINISH	LOCATION
03	CONCRETE								
	Cast in Place Concrete	03 05 16	VB-1	Vapor Barrier- Slab on Grade	Stego Industries	Stego Wrap Vapor Barrier			
		03 35 11	SC-1	Sealed Concrete Floor	Husqvarna	HiperFloor	Clear		
04	MASONRY								
	Unit Masonry	04 20 00	CMU-1	Concrete Masonry Units	Willamette Graystone		TBD		
06	WOOD, PLASTICS, AND COMPOSITES								
	Finish Carpentry	06 20 00	TRIM-1	Wood Trim			TBD		
	Architectural Woodwork	06 41 00	WD-1	Wood Panel	Columbia Forest Products	Purebond		TBD	
			PLAM-1	Plastic Laminate	Formica		TBD	TBD	
			HDWR-1	Casework Pull	Baldwin	Standard		Chrome	
			HDWR-2	Drawer Locks	CompX National	Standard		Chrome	
			HDWR-3	Cabinet Door Locks	CompX National	Standard		Chrome	
			HDWR-4	Drawer Glides	Blum	Standard		Clear	
			HDWR-5	Casework Hinge	Blum	Standard		Polished	
			HDWR-6	Cabinet Shelf Rests and Brackets	Knape and Vogt	Standard		Chrome	
			HDWR-7	Counter Support Bracket	Centerline Brackets	Standard			
	Fiberglass Reinforced Panels	06 83 16	FRP-1	Fiberglass Reinforced Plastic Panels	CS Acrovyn	Wall Covering	White		
07	THERMAL AND MOISTURE PROTECTION								
	Building Insulation	07 21 00	INSUL-1	Rigid Insulation	Owens Corning				Foundation
			INSUL-2	Rigid Insulation - Roof	Hunter Panels	H-Shield NB			Roof deck
			INSUL-3	Mineral Wool Insulation - Walls	Rockwool	ComfortBoard 110			Over walls
			INSUL-4	Batt Insulation	Owens Corning				In Walls
	Weather Barriers	07 25 00	WRB-1	Water-Resistive Barrier	Henry Company	Henry Blueskin VP160			
			VPR-1	Vapor Retarder	Poly-America	Husky			
	Metal Roof Panel	07 41 13	RP-1	Metal Roof Panel	AEP Span	Design Span HP	Zincalume Plus		
			RP-2	Metal Roof Panel	AEP Span	HR-36	Zincalume Plus		kitchen canopy
	Metal Wall Panels	07 42 13	MP-1	Metal Wall Panel	AEP Span	Flex Series 1.2FX30-12	Vintage		
			MP-2	Metal Wall Panel	AEP Span	Flex Series 1.2FX30-12	Flex Red		
	Fabricated Concrete Faced Panel Assemblies	07 44 63	CFI-1	Concrete Faced Insulated Wall Panels	T. Clear Corp.	WallGUARD	TBD		
	Wood Siding	07 46 23	WP-1	T&G WOOD SIDING		Vertical Grain Redwood		Stain	
	Membrane Roof	07 54 19	PVC-1	PVC Membrane Roofing	Carlisle SynTec Systems	SureFlex PVC	White		
	Sheet Metal Flashing & Trim	07 62 00	FSM-1	Sheet Metal Flashing			Match MP-1		
			FSM-2	Sheet Metal Flashing			Match MP-2		
			FSM-3	Sheet Metal Flashing			Match SF-1		
			FSM-4	Sheet Metal Cap Flashing			Match MP-1		
			FSM-5	Sheet Metal Flashing			Match RP-1		
	Manufactured Gutters and Downspouts	07 71 23	GUT-1	Pre-Finished Galvanized Steel			TBD		
			DS-1	Pre-Finished Galvanized Steel			TBD		
			DSB-1	Downspout Boot	J.R. Hoe & Sons	Cast iron with cleanout			
08	OPENINGS								
	Hollow Metal Door and Frame	08 11 13	HM-1	Exterior Hollow Metal Door and Frame	Steelcraft		TBD		
			HM-2	Interior Hollow Metal Door and Frame	Steelcraft		TBD		
			HM-3	Interior Sound Rated Hollow Metal Door and Frame	Steelcraft		TBD		
	Flush Wood Doors	08 14 16	SCWD-1	Solid Core Wood Doors	VT Industries		TBD		
	Access Doors and Panels	08 31 00	ADP-1	Access Doors and Panels	ACUDOR GFRG - SH	DW-5058	TBD		Walls
			ADP-2	Access Doors and Panels	ACUDOR GFRG - R	DW-5040	TBD		Ceilings
	Colling Counter Doors	08 33 13	RCD-1	Colling Counter Doors	Overhead Door Corp.	Model 651		Stainless Steel	
	Aluminum-Framed Entrances and Storefronts	08 41 13	SF-1	Aluminum Storefront - Exterior	Kawneer	Trifab 451T	Medium Bronze		
			SF-2	Aluminum Storefront - Interior	Kawneer	Standard Entrance 350	Medium Bronze		
			SF-3	Aluminum Storefront	Kawneer	TuffLine	Medium Bronze		
	Door Hardware	08 71 00	DH-1	Door Hardware	Allegion				
	Glazing	08 88 00	IG-1	Insulated Glass Units	Vitro Architectural Glass				
			IG-2	Insulated Glass Units	Vitro Architectural Glass				
			G-1	Glazing Units	Vitro Architectural Glass				
			G-2	Glazing Units	Vitro Architectural Glass				
09	FINISHES								
	Gypsum Board	09 21 16	GWB-1	Gypsum Wallboard	USG	Sheetrock Type X			
			GWB-2	Impact Resistant Wallboard	USG	Sheetrock Mold Tough			
			REV-1	Drywall Reveal Molding	Fry Reglet		1/2"		
	Acoustical Panel Ceilings	09 51 00	ACT-1	Acoustical Units	Armstrong	Vinyl Coated			
			ACT-2	Acoustical Units	Armstrong				
	Wood Strip and Plank Flooring	09 64 29	WSF-1	Wood Strip Flooring	Robbins Sports Surfaces	DanzAire Wood Flooring System		Northern Hard Maple	
	Resilient Flooring	09 65 00	RF-1	Resilient Flooring			TBD		
			RF-2	Resilient Flooring	Forbo Flooring		TBD		
	Resilient Base	09 65 13	RB-1	Resilient Base	Forbo Flooring	ArmorCove	TBD		
			RB-2	Resilient Cove Base	Tarkett	Johnsonite Vent Cove	TBD		
	Tile Carpeting	09 68 13	CPT-1	Tile Carpeting	Shaw Contract		TBD		
			CPT-2	Capet Mat	Mats Inc.	Super Nop 52	TBD		
	Sound Absorbing Units	09 84 30	AWP-1	Fabric-Covered Acoustical Panels	Fsorb	Ceiling and Wall Acoustic Panels	TBD		
	Painting	09 91 13	EPC-1	Exterior Paint	Sherwin Williams	SuperPaint	TBD		
			IPC-1	Interior Paint	Sherwin Williams	Promar 200	TBD		Interior surfaces
			IPC-2	Interior Paint	Sherwin Williams	Promar 200	TBD		Interior surfaces
			IPC-3	Interior Paint	Sherwin Williams	Pro Industrial	TBD		Door/ trim
			EP-1	Interior Paint	Sherwin Williams	Tread-Plex Acrylic Floor Coating	TBD		Concrete floors
		09 93 00	IPC-4	Stain	PPG Paints	Deft Interior/ Exterior	TBD		Exterior siding

ABBREVIATIONS		
ACT	SUSPENDED ACOUSTICAL CEILING TILE	
BR	BRICK	
CMU	CONCRETE MASONRY UNIT	
CONC	CONCRETE	
CPT	CARPET	
CS	CONCRETE STAIN	
CT	CERAMIC TILE	
FRL	FIBER REINFORCED LAMINATE PANEL	
FRP	FIBERGLASS REINFORCED PLASTIC	
GWB	GYPSON WALL BOARD	
IRGWB	IMPACT RESISTANT GYPSON BOARD	
MP	METAL PANEL	
MWRGWB	MOLD WATER RESISTANT GYPSON WALL BOARD	
OTS	OPEN TO STRUCTURE	
PLAM	PLASTIC LAMINATE	
P	PAINT	
T	TILE	
RB	RUBBER BASE	
RF	RESILANT FLOORING	
RT	RUBBER TILE	
SDT	STATIC DISSIPATIVE TILE	
SC	SEALED CONCRETE	
SF	STORE FRONT	
SS	SOLID SURFACE	
WD	WOOD	
WOM	WALK OFF MAT	



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J. David Wilkerson, II
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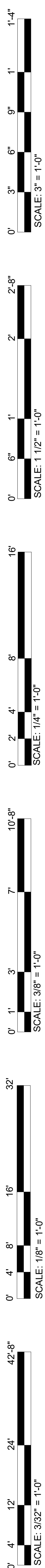
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APN: 032-011-006-000

MATERIAL LEGEND

PROJECT:	2318	
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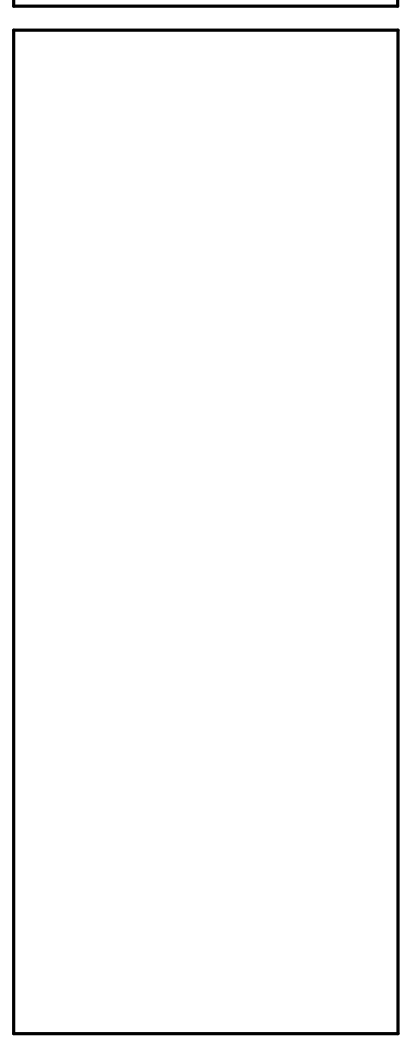
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SCALE: 1 1/2" = 1'-0"
SCALE: 1/4" = 1'-0"
SCALE: 3/8" = 1'-0"
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SCALE: 3/32" = 1'-0"
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DIVNUM	DIVISION	SECTION	KEY	NAME	MANUFACTURER	STYLE	COLOR	FINISH	LOCATION
10	SPECIALTIES								
	Visual Display Units	10 11 00	MB-1 TB-1	Marker Boards Tack Boards	AJW Architectural Products AJW Architectural Products		White TBD		
	Plastic Toilet Compartments	10 21 13	TP-1	Toilet Compartments	Scranton	Eclipse Partitions	TBD		
	Wall and Corner Guards	10 26 01	TP-2 CG-1 CR-1	Urinal Screens Corner Guards Chair Rail	Scranton WallGuard 2330 WallGuard	Eclipse Partitions Corner Guard	TBD	Stainless Steel	
	Toilet, Bath, and Laundry Accessories	10 28 00	TPDR-1 PTD-1 SD-1 MR-1 GB-1 GB-2 GB-3 SND-1 DCS-1 MBH-1	Toilet Paper Dispenser Paper Towel Dispenser Soap Dispenser Mirrors Grab Bars Grab Bars Grab Bars Sanitary Napkin Disposal Unit Diaper Changing Stations Utility Shelf/ Mop & Broom Holder	Bobrick Bobrick AJW Architectural Products Bobrick Bobrick Bobrick Bobrick Bobrick Koala Kare Products American Specialties	B-273 B-262 B-165 B-5806 B-5806 B-5806 B-254	Stainless Steel Stainless Steel Stainless Steel Stainless Steel Frames Stainless Steel Stainless Steel Stainless Steel Stainless Steel	Gray Stainless Steel	
	Fire Protection Specialities	10 44 00	FEC-1	Fire Extinguisher Cabinets	Potter-Roemer	Model 7307	White		
	Flagpoles	10 75 00	FP-1	Flagpoles	American Flagpole				
12	FURNISHINGS								
	Window Treatments	12 24 00	RS-1	Window Shades	MechoShade	Mecho/5 System 3%	TBD		
32	EXTERIOR IMPROVEMENTS								
	Segmental Retaining Walls	32 32 23	RW-1	Retaining Walls	Keystone Retaining Wall Systems	Keystone Country Manor	TBD		

ABBREVIATIONS

ACT	SUSPENDED ACOUSTICAL CEILING TILE
BR	BRICK
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
CPT	CARPET
CS	CONCRETE STAIN
CT	CERAMIC TILE
FRL	FIBER REINFORCED LAMINATE PANEL
FRP	FIBERGLASS REINFORCED PLASTIC
GWB	GYPSUM WALL BOARD
IRGWB	IMPACT RESISTANT GYPSUM BOARD
MP	METAL PANEL
MWRGWB	MOLD WATER RESISTANT GYPSUM WALL BOARD
OTS	OPEN TO STRUCTURE
PLAM	PLASTIC LAMINATE
P	PAINT
T	TILE
RB	RUBBER BASE
RF	RESILANT FLOORING
RT	RUBBER TILE
SDT	STATIC DISSIPATIVE TILE
SC	SEALED CONCRETE
SF	STORE FRONT
SS	SOLID SURFACE
WD	WOOD
WOM	WALK OFF MAT

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Humboldt County
APN: 032-011-006-000

MATERIAL LEGEND

PROJECT:	2318	
DATE:	12/09/2024	
ISSUE:	100% CD	
No.	Description	Date

A10.02

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FURNITURE SCHEDULE

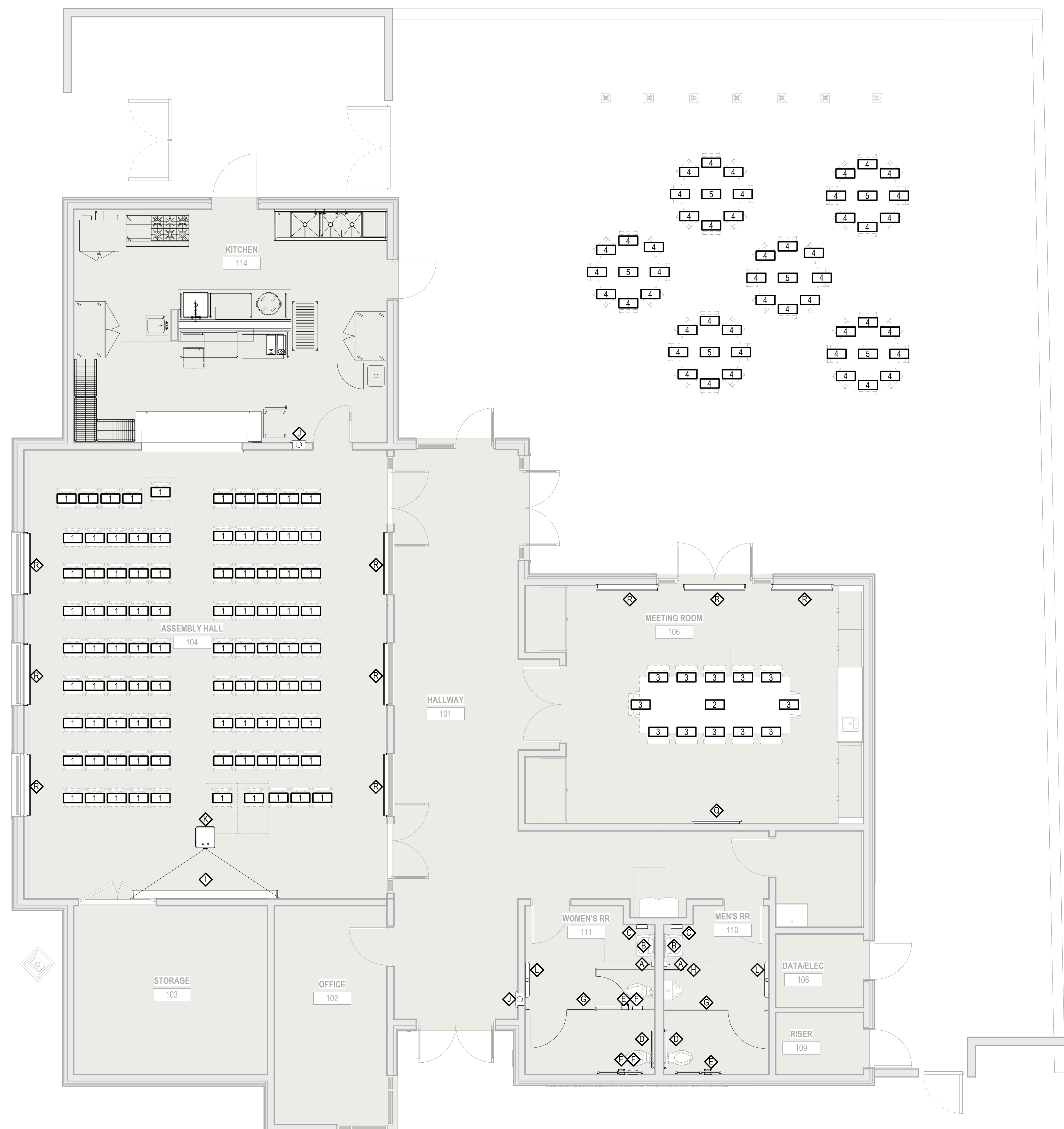
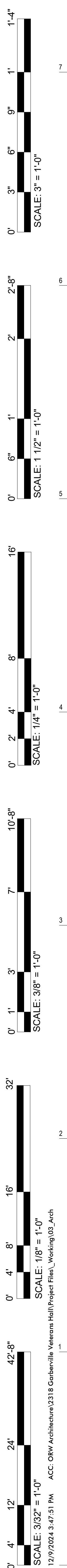
MARK	COUNT	INFORMATION		REMARKS
		DESCRIPTION	OFOI	
1	90	STACKING CHAIR	Yes	
2	1	CONFERENCE TABLE	Yes	
3	12	CONFERENCE CHAIRS	Yes	
4	48	OUTDOOR CHAIR	Yes	
5	6	5'-0" DIA TABLE	Yes	

EQUIPMENT SCHEDULE

MARK	COUNT	KEYNOTE NUMBER	KEY	DESCRIPTION	OFOI	OFCI	MECH	PLUMB	ELECTRICAL			MOUNTING	BLK'G RQ'D	REMARKS
									POWER	DATA	CABLE			
A	2	A1028.05		SOAP DISPENSER	No	No	No	No	No	No	No	WALL	No	
B	2	A1028.04		MIRROR 24X36	No	No	No	No	No	No	No	WALL	No	
C	2	A1028.06		PAPER TOWEL DISPENSER	No	No	No	No	No	No	No	WALL	No	
D	2	A1028.01		ADA GRAB BARS	No	No	No	No	No	No	No	WALL	Yes	
E	3	A1028.07		TOILET TISSUE DISPENSER	No	No	No	No	No	No	No	WALL	No	
F	2	A1028.08		SANITARY NAPKIN DISPOSAL	No	No	No	No	No	No	No	WALL	No	
G	2	A1028.02		RESTROOM PARTITIONS	No	No	No	No	No	No	No	WALL/FLOOR	No	
H	1	A1028.03		URINAL SCREEN	No	No	No	No	No	No	No	WALL	Yes	
I	1	A1011.01		PROJECTION SCREEN	No	No	No	No	Yes	No	No	WALL	Yes	
J	4	A1044.01		RECESSED FIRE EXTINGUISHER CABINET	No	No	No	No	No	No	No	WALL	No	
K	1	A1011.02		PROJECTOR										
L	2	A1028.09		BABY CHANGING STATION										
M	1	A1041.01		EMERGENCY ACCESS KEY CABINET	No	No	No	No	Yes	No	No	WALL	No	
P	3	A1224.02		STOREFRONT SUN SHADE	No	No	No	No	No	No	No	WALL	No	
Q	1	A1152.01		TELEVISION	No	Yes	No	No	Yes	Yes	Yes		Yes	
R	9	A1224.01		MOTORIZED ROLL UP SHADE	No	No	No	No	Yes	No	No	WALL	No	MOUNTED INSIDE STOREFRONT ATTACHED TO HEAD CASING

GENERAL NOTES

- ALL FURNITURE SHOWN FOR REFERENCE ONLY NIC.



LEGEND

- EQUIPMENT TAG
- FURNITURE TAG

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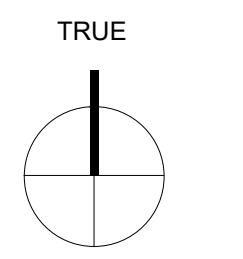
John Haynes Veterans Memorial Building
 483 Conger Street, Garberville, CA 95542
 Humboldt County
 APN: 032-011-006-000

FURNITURE & EQUIPMENT PLANS - LEVEL 01

PROJECT:	2318	
DATE:	12/09/2024	
ISSUE:	100% CD	
No.	Description	Date

A11.10

1 FURNITURE & EQUIPMENT PLAN - LEVEL 01
 1/4" = 1'-0"

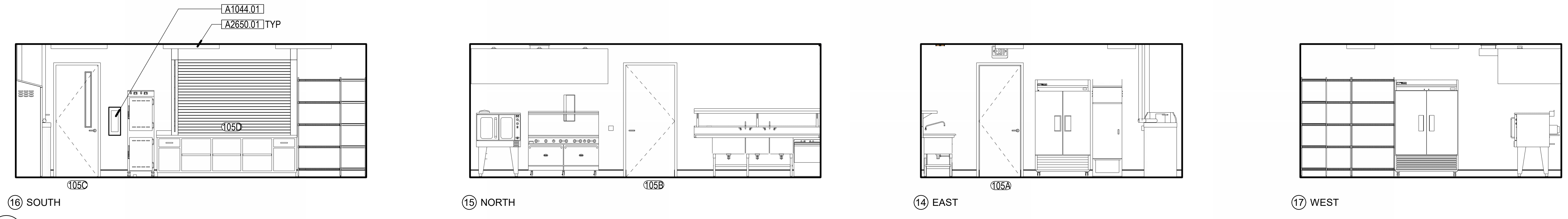


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12/9/2024 9:47:57 PM ACC: ORW Architecture\2318 Garberville Veterans Memorial Building\Working\03_24rch

SCALE: 3/32" = 1'-0"
SCALE: 3/8" = 1'-0"
SCALE: 1/8" = 1'-0"
SCALE: 1/4" = 1'-0"
SCALE: 3/16" = 1'-0"
SCALE: 1/2" = 1'-0"
SCALE: 3/4" = 1'-0"
SCALE: 1" = 1'-0"
SCALE: 1 1/2" = 1'-0"
SCALE: 2" = 1'-0"
SCALE: 3" = 1'-0"
SCALE: 4" = 1'-0"
SCALE: 6" = 1'-0"
SCALE: 8" = 1'-0"
SCALE: 12" = 1'-0"
SCALE: 16" = 1'-0"
SCALE: 24" = 1'-0"
SCALE: 32" = 1'-0"
SCALE: 42" = 1'-0"

#	NOTE
A0618.01	GLU-LAM BEAM, REF STRUCT DWGS
A0812.01	STAINLESS STEEL JAMBS, REF KITCHEN DWGS
A0972.01	MDF CHAIR RAIL
A0977.01	GYPSUM WALL BOARD REVEAL TO ALIGN WITH DOOR HEAD HEIGHT
A0977.02	PLAM BASE CABINET w/ STAINLESS STEEL COUNTERTOP, REF KITCHEN DWGS
A1011.01	PROJECTION SCREEN
A1011.02	PROJECTOR
A1044.01	RECESSED FIRE EXTINGUISHER CABINET
A1045.01	EXIT SIGNAGE, REF ELEC DWGS
A1224.01	MOTORIZED ROLL UP SHADES
A2331.01	DIFFUSER, REF MECH DWGS
A2331.02	RETURN GRILLE, REF MECH DWGS
A2600.03	ELECTRICAL FIXTURE, REF ELEC DWGS
A2600.04	ELECTRICAL OUTLET, REF ELEC DWGS
A2650.01	LIGHTING FIXTURE, REF ELEC DWGS

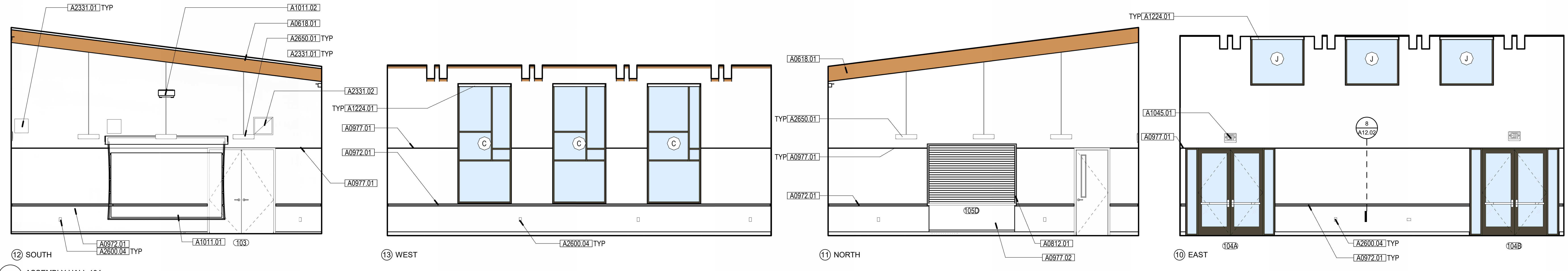


16 SOUTH
KITCHEN 105
1/4" = 1'-0"

15 NORTH

14 EAST

17 WEST

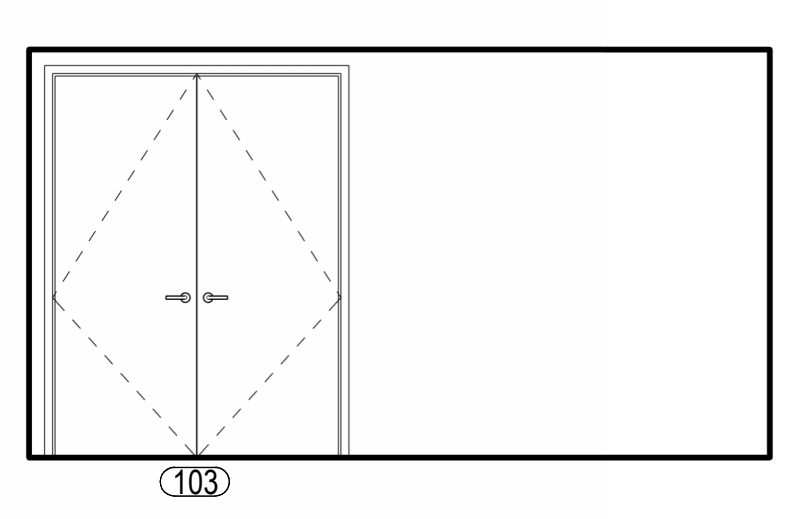


12 SOUTH
ASSEMBLY HALL 104
1/4" = 1'-0"

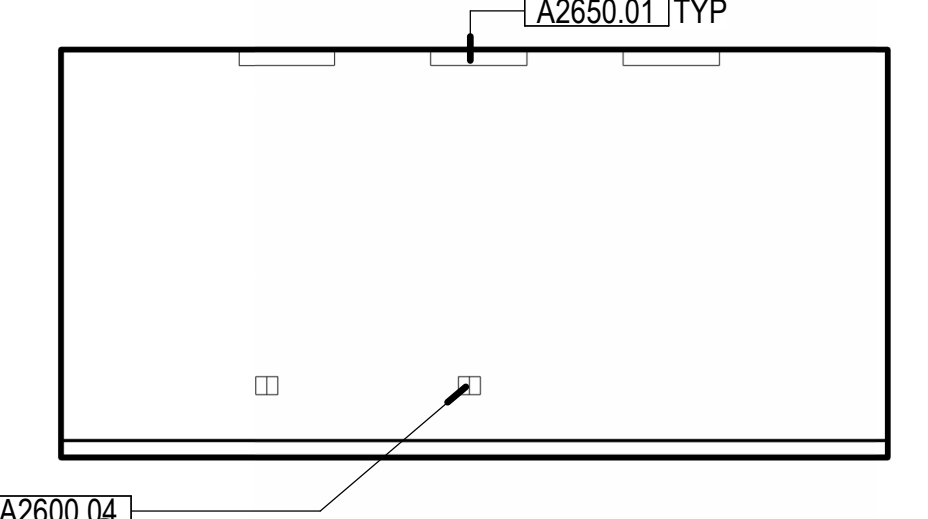
13 WEST

11 NORTH

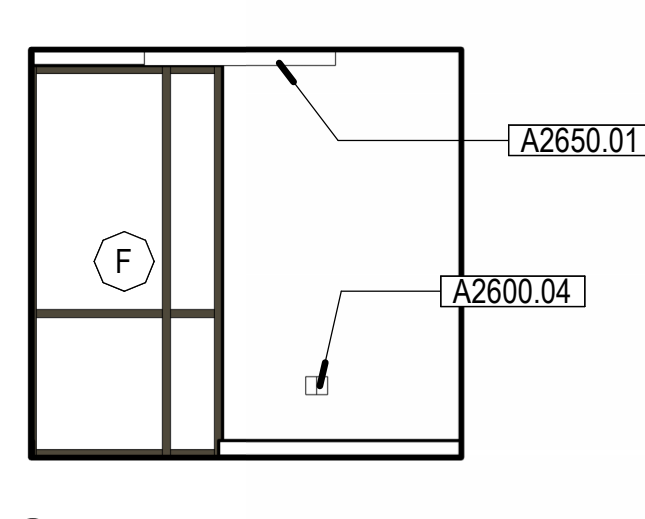
10 EAST



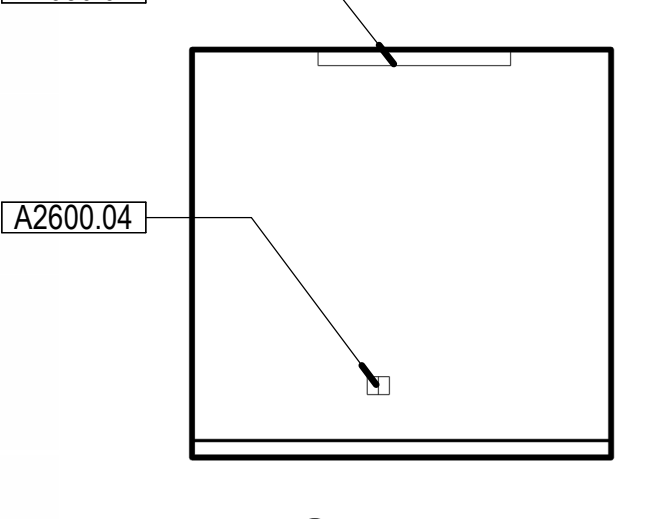
9 IE - STORAGE 103 - NORTH
1/4" = 1'-0"



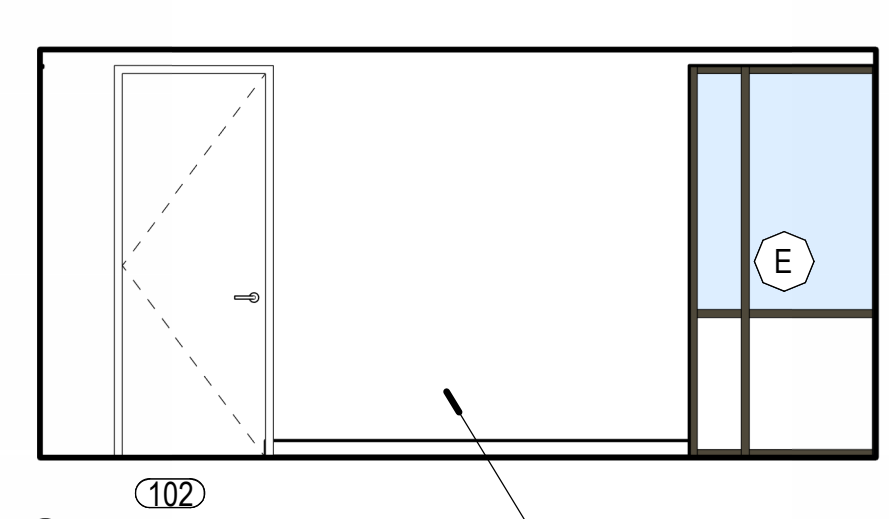
8 OFFICE 102
1/4" = 1'-0"



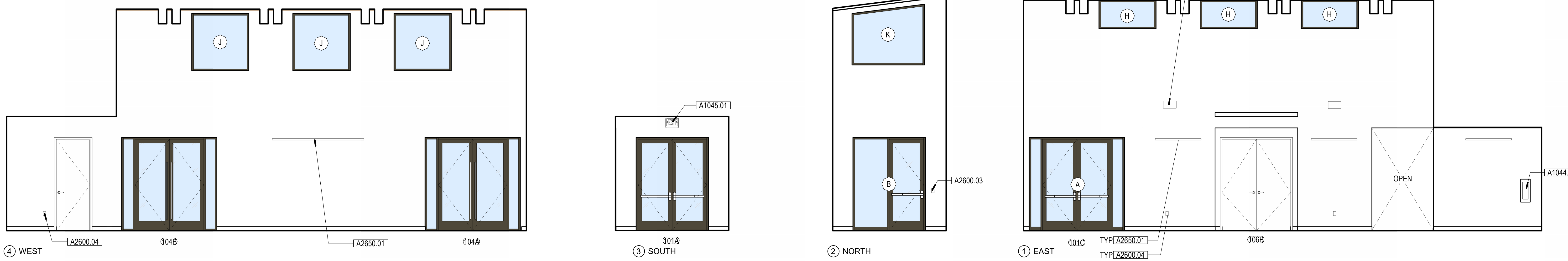
7 SOUTH



6 NORTH



5 EAST



4 WEST
CORRIDOR 101
1/4" = 1'-0"

3 SOUTH

2 NORTH

1 EAST

John Haynes Veterans Memorial Building
483 Conger Street, Garberville, CA 95542
Humboldt County
APN: 032-011-006-000
INTERIOR ELEVATIONS

PROJECT:	2318	
DATE:	12/09/2024	
ISSUE:	100% CD	
No.	Description	Date

A12.00

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#	NOTE
A0618.01	GLU-LAM BEAM, REF STRUCT DWGS
A0641.02	PLAM BASE CABINETS
A1028.01	ADA GRAB BARS, REF ADA DETAILS
A1028.02	TOILET PARTITIONS
A1028.03	URINAL SCREEN
A1028.04	MIRROR 24x36
A1028.05	SOAP DISPENSER
A1028.06	PAPER TOWEL DISPENSER
A1028.07	TOILET PAPER DISPENSER
A1028.08	SANITARY NAPKIN DISPENSER
A1028.09	TOILET SEAT COVER DISPENSER
A1045.01	EXIT SIGNAGE, REF ELEC DWGS
A1152.01	TELEVISION BLOCKING REQUIRED
A1224.01	MOTORIZED ROLL UP SHADES
A2242.01	FLOOR MOUNTED WATER CLOSET OFCI, REF PLUMB DWGS
A2242.02	WALL MOUNTED LAVATORY, REF PLUMB DWGS OFCI
A2242.03	WALL MOUNTED URINAL OFCI, REF PLUMB DWGS
A2247.01	DRINKING FOUNTAIN, REF PLUMB DWGS
A2331.01	DIFFUSER, REF MECH DWGS
A2331.02	RETURN GRILLE, REF MECH DWGS
A2600.01	ELECTRICAL PANEL, REF ELEC DWGS
A2600.02	TELEPHONE TERMINAL BOARD, REF ELEC DWGS
A2600.03	ELECTRICAL FIXTURE, REF ELEC DWGS
A2600.04	ELECTRICAL OUTLET, REF ELEC DWGS
A2650.01	LIGHTING FIXTURE, REF ELEC DWGS
A6460.01	TRIM AROUND DISPLAY CABINET TO MATCH DOOR

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 APN: 032-011-006-000

INTERIOR ELEVATIONS

PROJECT: 2318
 DATE: 12/09/2024
 ISSUE: 100% CD

No.	Description	Date

A12.01

ABBREVIATIONS:

Table of abbreviations including ADDL, ALT, ANCHOR BOLT, APPROX, BRG, BEL, etc.

GENERAL NOTES AND SPECIFICATIONS:

- GENERAL: All work shall conform to the 2022 CBC and applicable local codes.
DIVISION 1 - GENERAL: All masonry units shall conform to ASTM C90 grade N units, U.N.O.
DIVISION 2 - FOUNDATION: Building sites are assumed to be drained and free of clay or expansive soil.

DIVISION 4 - MASONRY:

- All masonry cells shall conform to ASTM C90 grade N units, U.N.O.
All masonry cells are to be solid grouted with mortar conforming to ASTM C279, type S, with a 28 day compressed strength of 1500 psi, minimum, U.N.O.
Vertical steel placement in masonry walls to be #4 bars at 16" o.c. maximum spacing, U.N.O.

DESIGN CRITERIA:

2022 California Building Code (CBC)
Local Building Department Standards
Soil Bearing (CBC Table 1806.2)
WIND DESIGN DATA
Ultimate Design Wind Speed, Vu = 95 m.p.h. (3-Second Gust)

Table with columns: Roof/Wall, Zone, Pressure Wind Area, Design Wind Pressure, Pn.

SEISMIC DESIGN DATA

Importance Factor, Ie = 1.00 (Risk Category II)
Sa = 1.75g and S1 = 0.851 g
Site class = D
So1 = 1.369 g, So2 = 0.964 g

DIVISION 6 - WOOD:

- All lumber framing shall be Douglas Fir Larch (DOC PS20) with moisture content < 19% at time of covering, U.N.O.
Glu-Lams used for simple spans shall be 24F-V4 U.N.O.
All floor joists shall be 24F-V8, U.N.O.

FLOOR FRAMING DESIGN LOADS

Live Load = 20 PSF
Floor Dead Load = 100 PSF S.O.G.
Total Floor Load = 120 PSF S.O.G.

RAFTER LOADING:

Live Load = 20 PSF
Dead Load = 15 PSF
Total Load = 35 PSF

CONNECTION CROSS REFERENCE

Table mapping Simpson Strong-Tie products to their respective product numbers and descriptions.

HOLDOWN SPECIFICATION TABLE

Table with columns: HOLDOWN, CL, POST MIN THICKNESS, SCREWS, BOLTS OR NAILS, A.B. DIA., EMBEDED, FOOTING, SGL. POUR, DBL. POUR.

NAIL SPECIFICATIONS

Table with columns: NAIL TYPE, NOMINAL DIAMETER (GAGE), NOMINAL LENGTH, MIN. EMBED FOR P.W. SHEATHING, MIN. NAIL LENGTH.

DETERMINE REQ'D NAIL DIAMETER AND LENGTH

Table with columns: REQUIRED COMMON NAIL, PLYWOOD THICKNESS, MINIMUM EMBEDMENT, MIN. NAIL LENGTH REQ'D, MIN. DIAMETER REQ'D.

FOOTING AND STEM WALL REQUIREMENTS

- 8" Wide w/ (1) #4 continuous top and #4 at 48" o.c. vertical hook at footing (alternate hooks).
All footings shall bear on undisturbed soil. Assumed soil bearing pressure is determined & increased in accordance w/ IBC Table 1806.2.

HOLDOWN INFORMATION

- See holdown schedule above and per plan.
SOILS & FOUNDATIONS: All foundations shall bear on firm, undisturbed, native soils or engineered fill at or exceeding depths shown on the drawings.

THESE NOTES APPLY TO ALL SHEETS

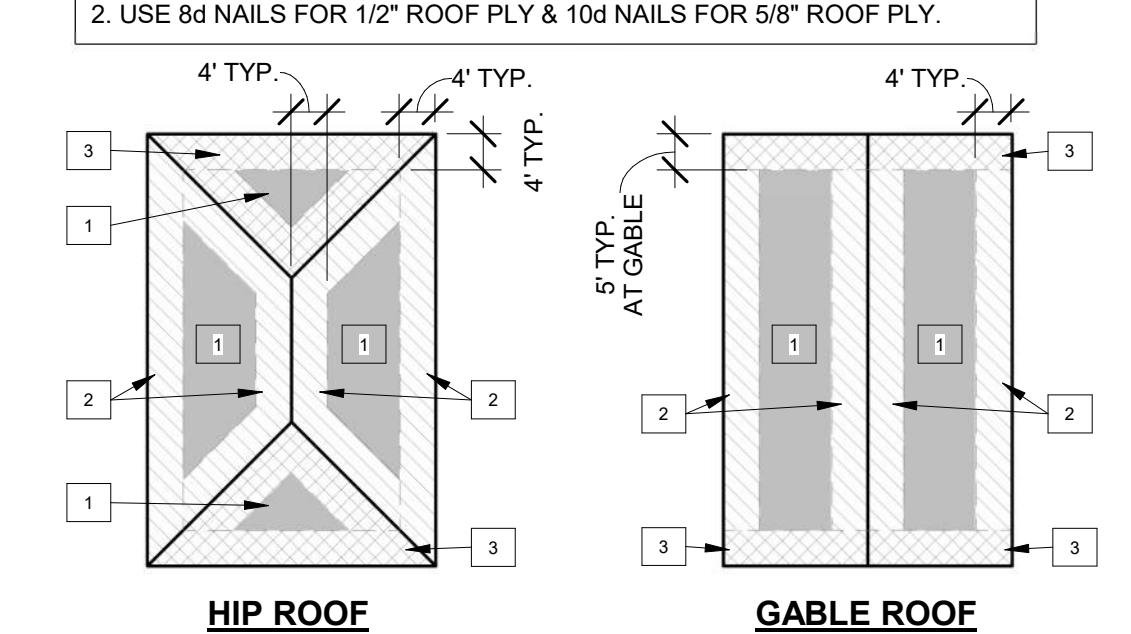
- If shall be the contractor's direct responsibility to comply with typical details and general notes as delineated or defined on the typical detail drawings of these contract documents.
Contractor shall then use appropriate typical or referenced details for each opening or penetration.

SPECIAL INSPECTIONS AND DEFERRED SUBMITTALS:

- Special inspection, per the California Building Code chapter 17, Table 1705A.2 for steel and 1705A.3 for concrete shall be required for the following types of work.
All concrete work for strengths greater than 2500 psi, except for slabs on grade, footings and non structural concrete.

ROOF SHEATHING FASTENING SCHEDULE

Table with columns: NAILS, PANEL LOCATION, ROOF FASTENING ZONE (ZONE 1, ZONE 2, ZONE 3), FASTENER SCHEDULE (INCHES ON CENTER).



ROOF SHEATHING:

5/8" CDX APA Rated (32/16) or OSB equivalent. Apply face grain perpendicular to framing. Stagger panels and nail with 8d's common at 6" o.c. at edges and boundaries.

FRAMING MATERIAL:

ROOF HEADERS: 6x8 D.F. #1 (4x8 D.F. #2 at 2x4 walls) or RMT U.N.O.
WALL FRAMING: Use 2x6 or 2x4 D.F. Stud or Construction Grade at 16" o.c. as occurs Typ. U.N.O.

SHEET INDEX

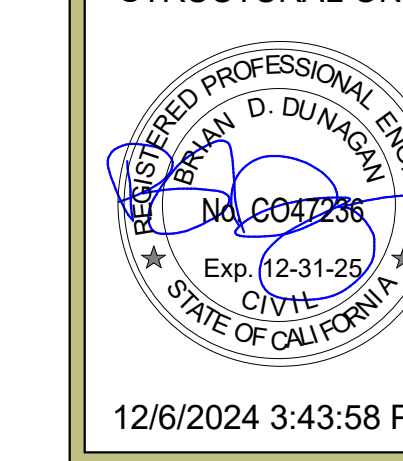
- S0.1 CBC GENERAL NOTES & TYPICAL DETAILS
S0.2 TYPICAL DETAILS
S0.3 TYPICAL DETAILS
S0.4 DETAILS
S0.5 DETAILS
S0.1 FOUNDATION PLAN
S0.2 STRUCTURAL PLAN
S0.1 CEILING FRAMING PLAN
S0.2 ROOF FRAMING PLAN

REVISIONS

Table with columns: #, Date, Description, By.



STRUCTURAL ONLY



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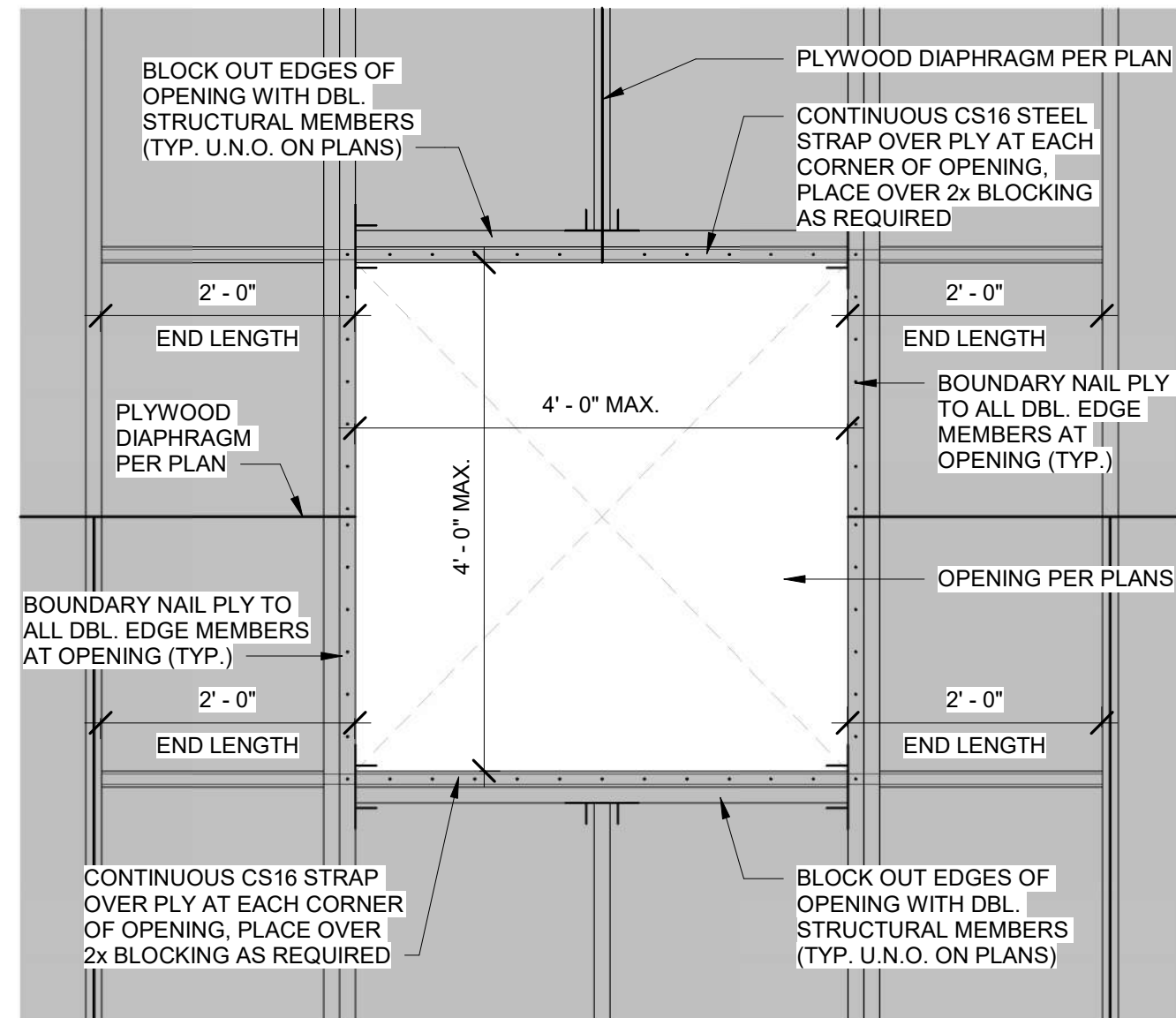
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AFN 032-011-066-000

Table with columns: DRAWN BY (KMD), CHECKED BY (BDD), DATE (12/6/24), SCALE (AS NOTED), JOB NO. (B24180), SHEET NO.

CBC GENERAL NOTES & TYPICAL DETAILS

S0.1
SHEET of SHEETS
PLEASE RECYCLE

100% CONSTRUCTION DOCUMENT

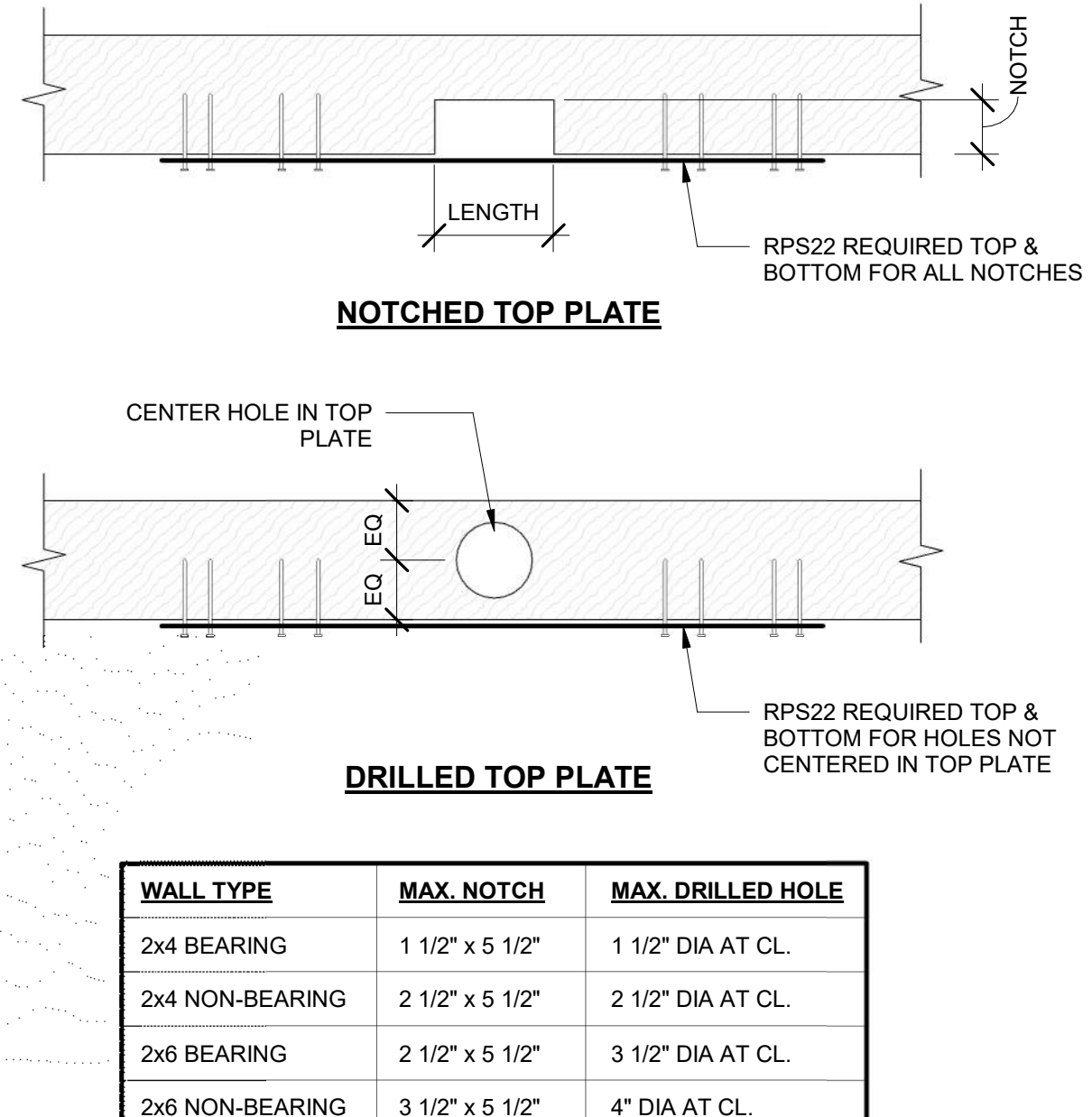


SIMPSON STRONG-TIE TITEN HD AS A 1 TO 1 REPLACEMENT FOR MUSSILL ANCHOR BOLTS FOR SHEAR LOAD APPLICATIONS

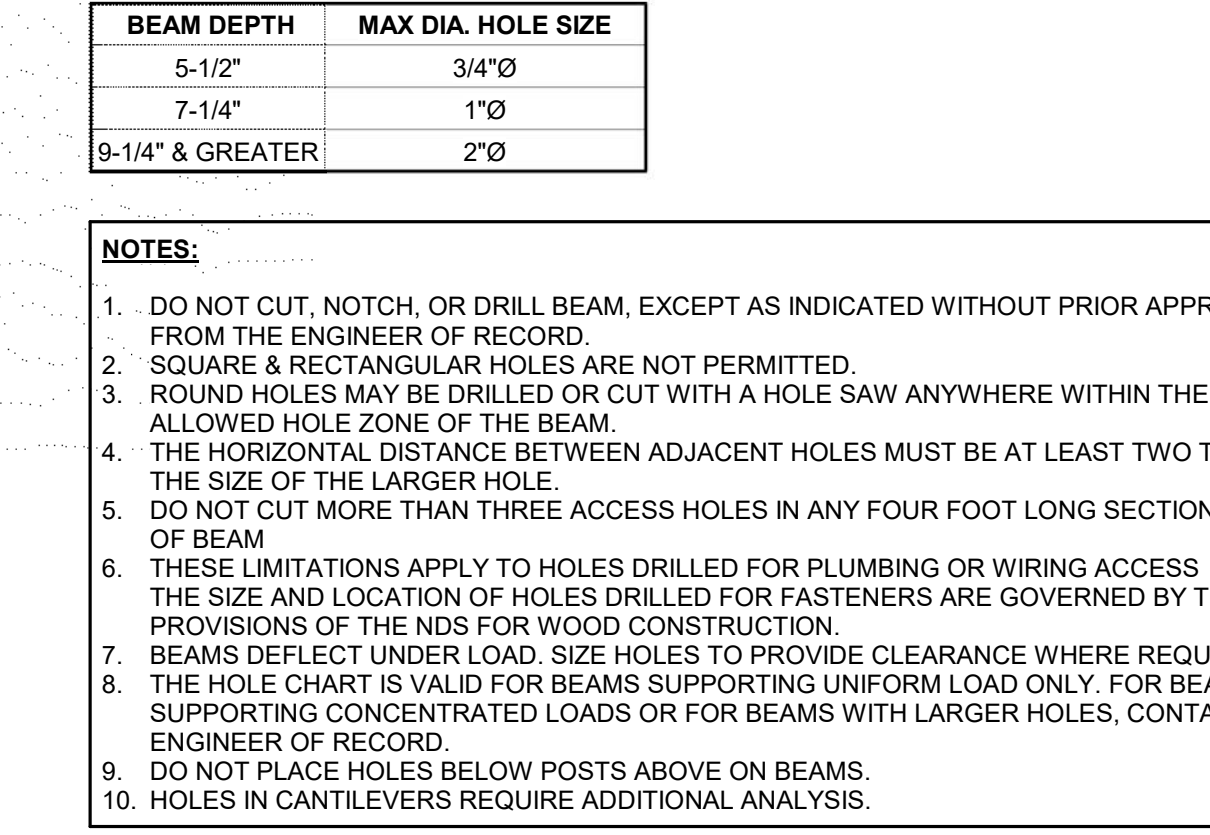
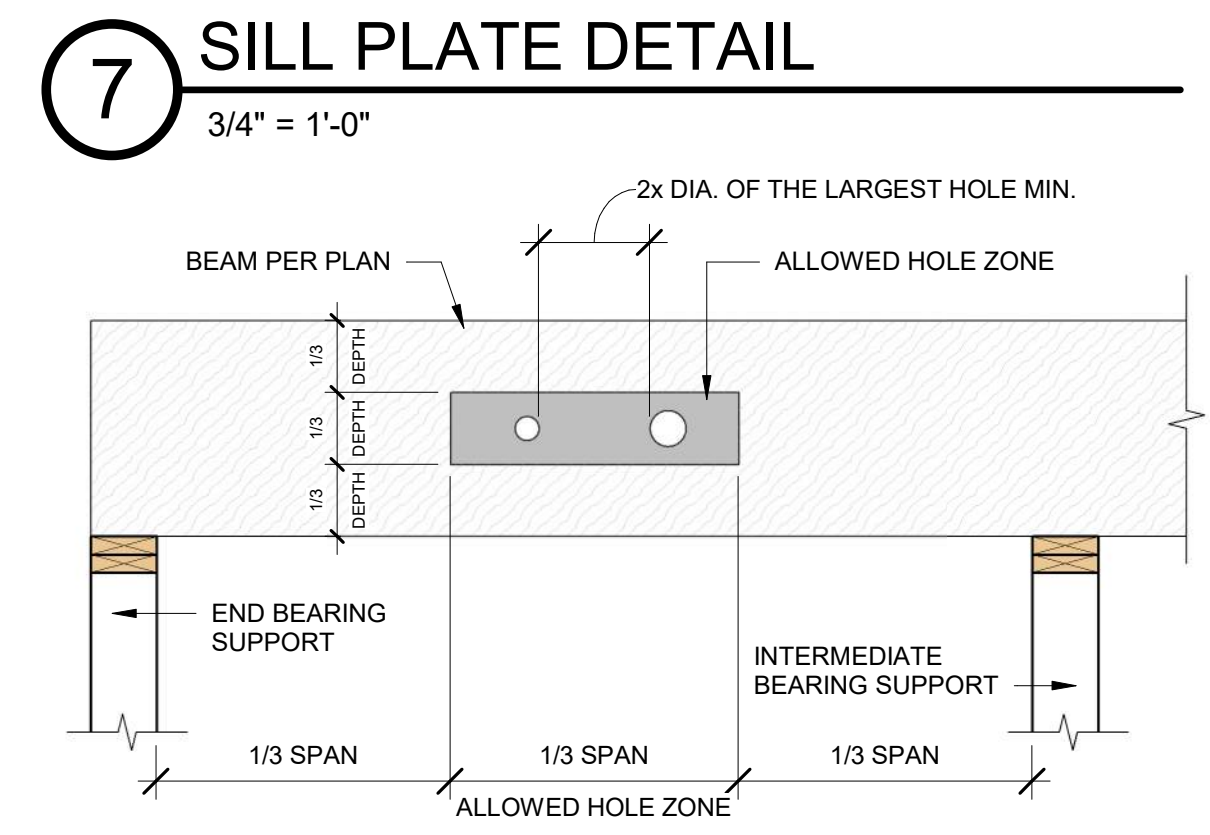
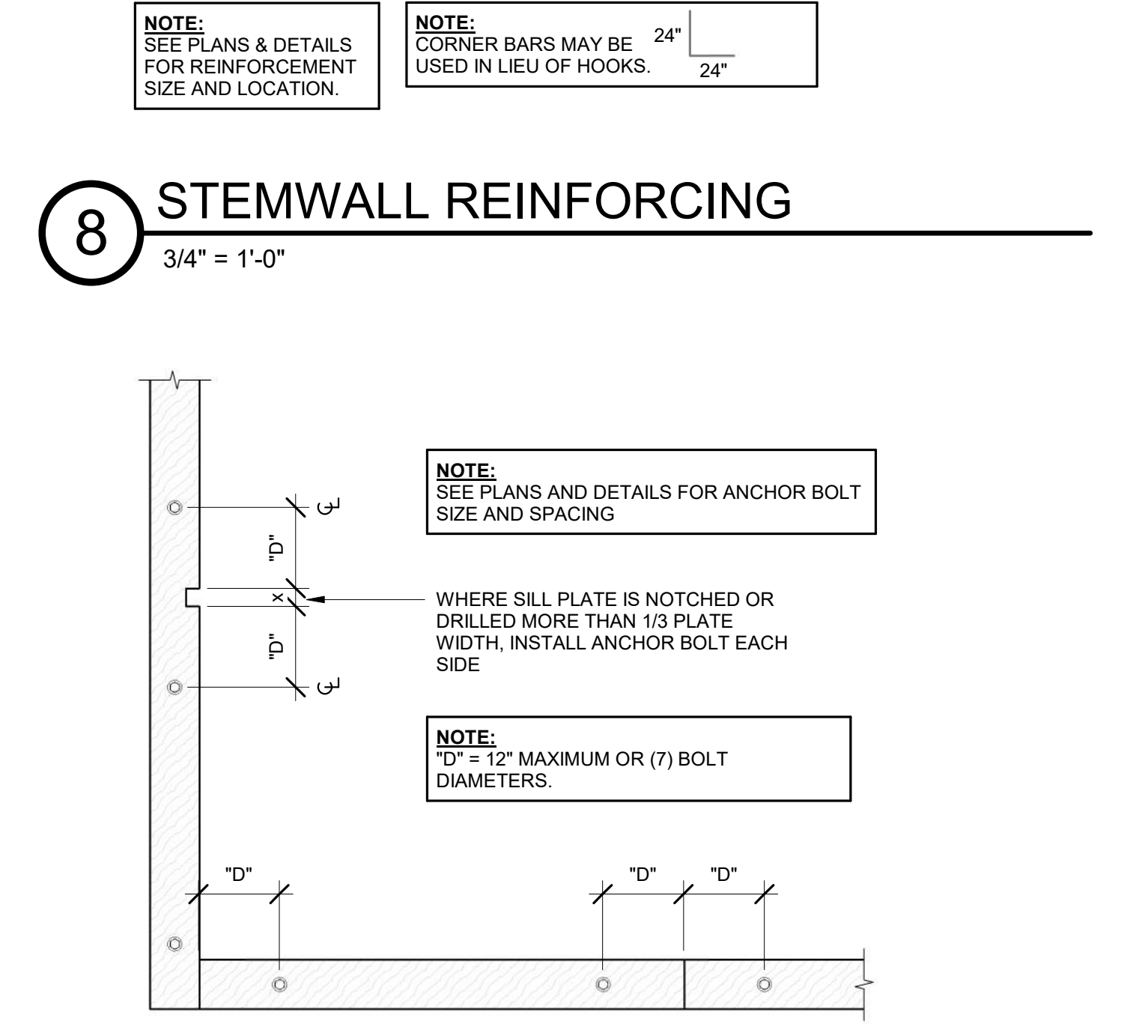
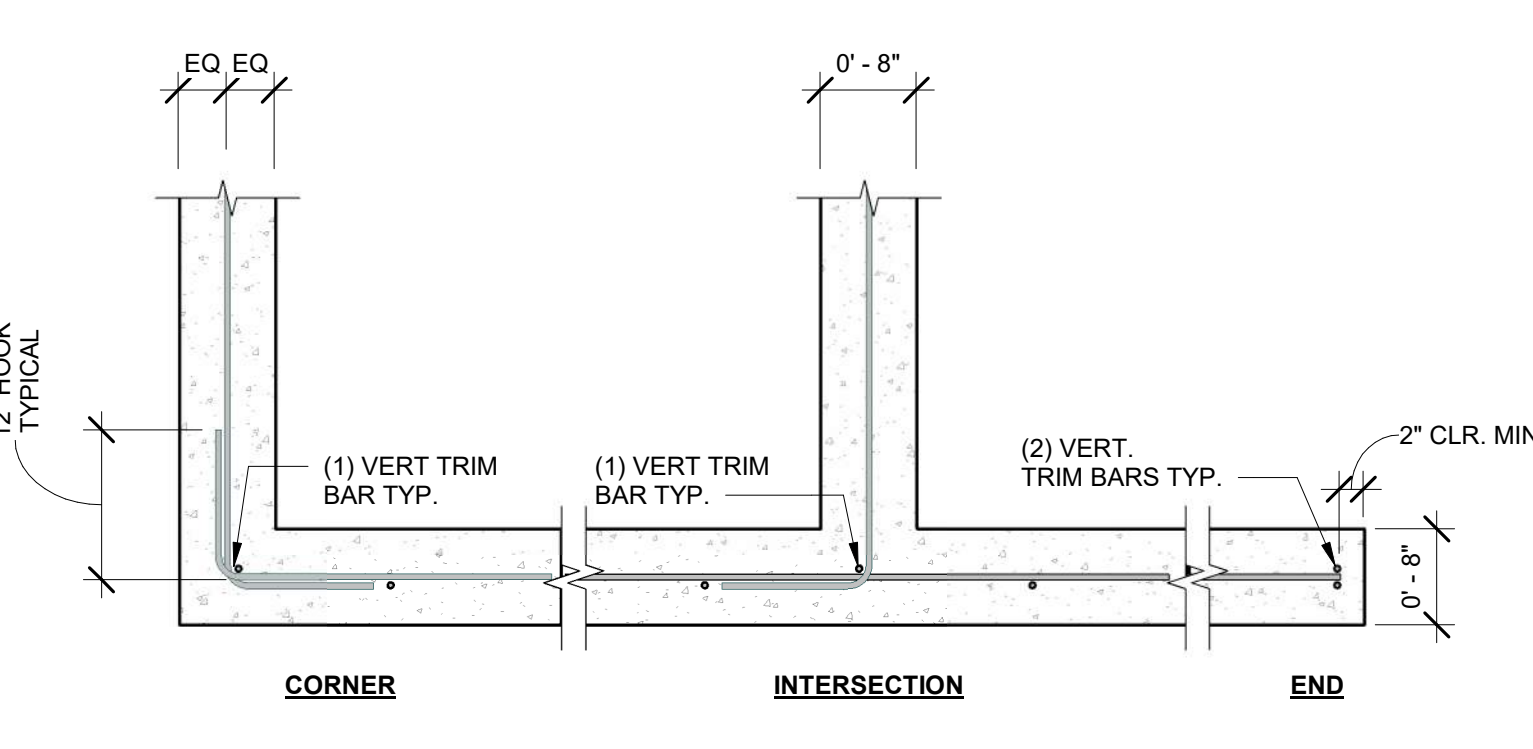
CAST-IN-PLACE MUSSILL BOLT DIA (IN)	TITEN HD MODEL #	DRILL BIT DIAMETER (IN)	MINIMUM EMBEDMENT (IN)	SILL PLATE SIZE	MIN. EDGE DISTANCE (IN)	MIN. END DISTANCE (IN)	MIN. STEM WALL WIDTH (IN)
1/2	THD50800H	1/2	3 1/4	2x 3x	1 3/4	8	6
1/2	THD50800H	1/2	3 1/4	DOUBLE 2x	1 3/4	8	6
5/8	THD62000H	5/8	3 3/4	2x	1 3/4	10	6
5/8	THD62012H	5/8	3 3/4	3x	1 3/4	10	6
5/8	THD62800H	5/8	3 3/4	DOUBLE 2x	1 3/4	10	6

1. ICC-ES CODE REPORT ESR-2713.
2. SPECIAL INSPECTION IS NOT REQUIRED FOR TITEN HD INSTALLATIONS RESISTING ONLY SHEAR LOADS.
3. MINIMUM EDGE AND END DISTANCES ARE BASED ON DISTANCES FROM EDGE (OR END) OF CONCRETE TO CENTER OF BOLT.
4. MINIMUM CONCRETE THICKNESS IS 1.5 TIMES THE TITEN HD ANCHOR EMBEDMENT.
5. DIRECT 1 TO 1 REPLACEMENT IS BASED ON PARALLEL AND PERPENDICULAR TO PLATE SHEAR CAPACITIES THAT MEET OR EXCEED THE BOLT DESIGN VALUES FOR SINGLE SHEAR CONNECTIONS IN TABLE 12A OF THE 2018 NDS EDITION FOR WOOD CONSTRUCTION FOR CAST-IN-PLACE ANCHOR BOLTS USED TO ANCHOR FOUNDATION PLATES OR SILLS TO CONCRETE FOUNDATIONS PER THE FOLLOWING SECTIONS OF THE CODE:
• 1907 UBC SECTION 1906.6
• 2003, 2003, 2006, 2012 AND 2018 IBC SECTIONS 2304.3.1
6. DRILL THE HOLE TO THE SPECIFIED EMBEDMENT DEPTH PLUS 1/2" TO ALLOW THE THREAD TAPPING DUST TO SETTLE AND BLOW CLEAN USING COMPRESSED AIR. ALTERNATIVELY, IN LIEU OF BLOWING THE HOLE CLEAN, DRILL THE HOLE DEEP ENOUGH TO ACCOMMODATE EMBEDMENT DEPTH AND DUST FROM DRILLING AND TAPPING.
7. FOR ACC.C. ACC.C. CAB AND CSA-A PRESSURE-TREATED WOOD, USE MECHANICALLY GALVANIZED TITEN HD FOR ADDITIONAL INFORMATION CORROSION AND PRESSURE TREATED WOOD SEE 8. SEE SIMPSON STRONG-TIE ANCHORING AND FASTENING SYSTEMS CATALOG FOR COMPLETE INFORMATION ON THE TITEN HD.

TITEN H.D.
2X OR 3X MUSSILL
MIN. EMBED.
MIN. EDGE
PLATE WASHER WHEN REQUIRED BY CODE
TITEN HD IN NORMAL-WEIGHT CONCRETE SLAB-ON-GRADE (INSTALLATION IN STEMWALL SIMILAR)



WALL TYPE	MAX. NOTCH	MAX. DRILLED HOLE
2x4 BEARING	1 1/2" x 5 1/2"	1 1/2" DIA AT CL.
2x4 NON-BEARING	2 1/2" x 5 1/2"	2 1/2" DIA AT CL.
2x6 BEARING	2 1/2" x 5 1/2"	3 1/2" DIA AT CL.
2x6 NON-BEARING	3 1/2" x 5 1/2"	4" DIA AT CL.



15 HOLE IN DIAPHRAGM
3/4" = 1'-0"

ANCHOR DIA.	HOLE DIA.	"X" MIN.	"D" MIN.	COMMENTS
1/2" DIA.	5/8"	1-3/4"	4-1/2"	DO NOT DRILL THRU REBAR, CONTACT THE STRUCTURAL ENGINEER IF REBAR IS ENCOUNTERED
5/8" DIA.	3/4"	1-3/4"	5"	

HOLDOWN	THRD. ROD DIA.	HOLE DIA.	MINIMUM EMBED (E)	2x4	2x6	SIMPSON EPOXY HITARTS TO BE USED
PHD2 / HDU5 HITARTS	5/8"	3/4"	12"	1-3/4"	2-3/4"	SET - XP *
HDU8	7/8"	1"	16"	1-3/4"	2-3/4"	SET - XP *

• SEE CURRENT SIMPSON STRONG-TIE CATALOG - INSTALLATION PER MANUF. SPECIFICATIONS

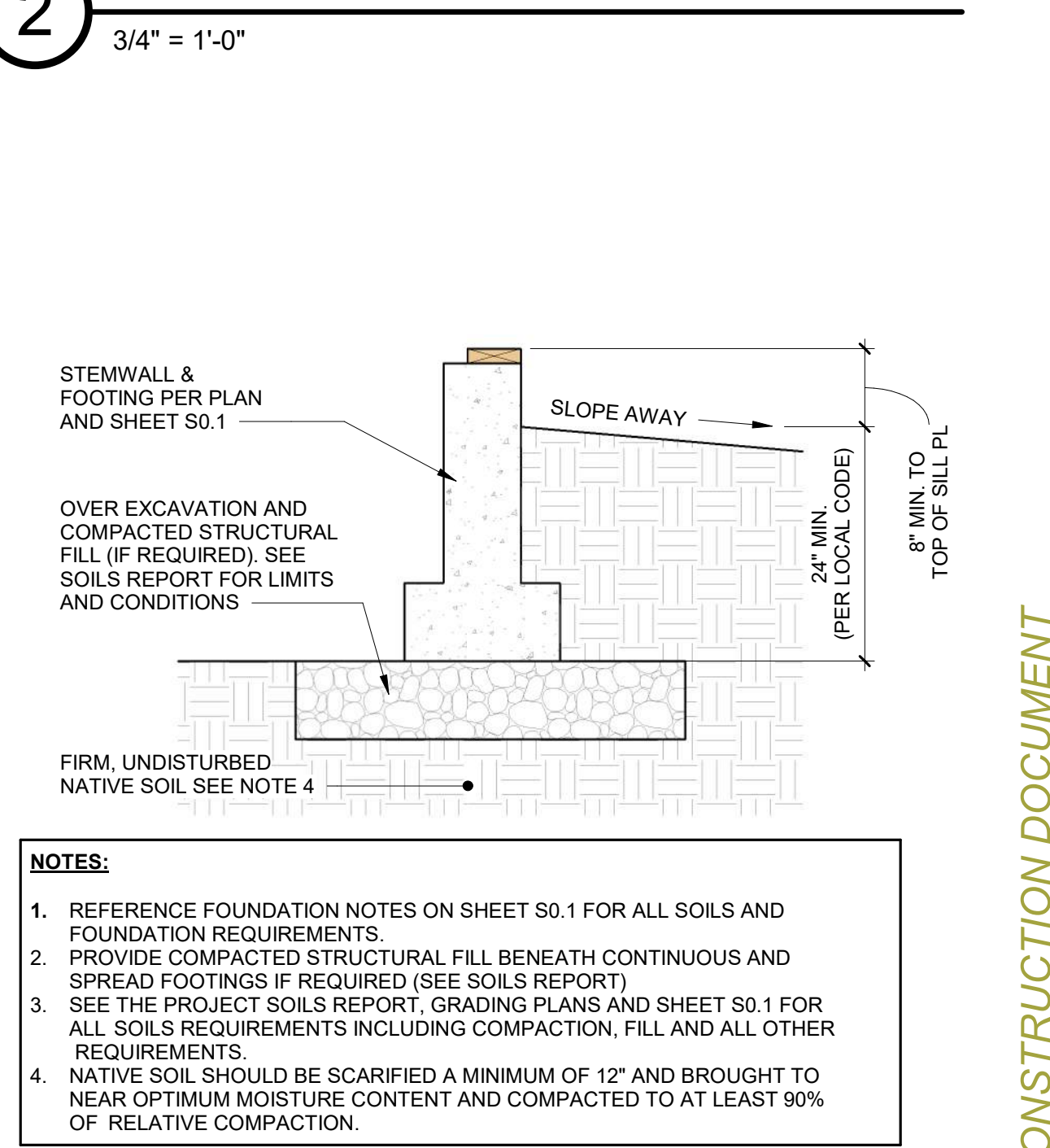
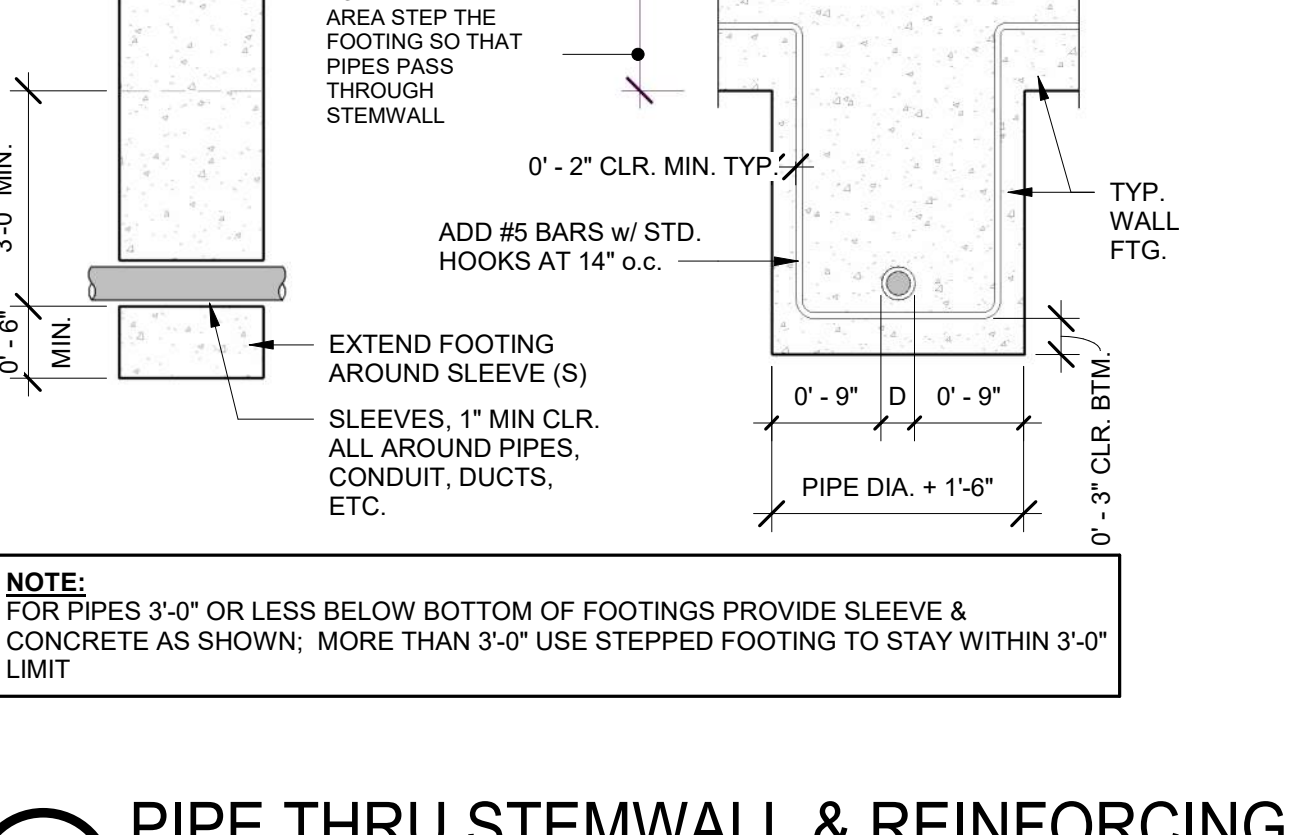
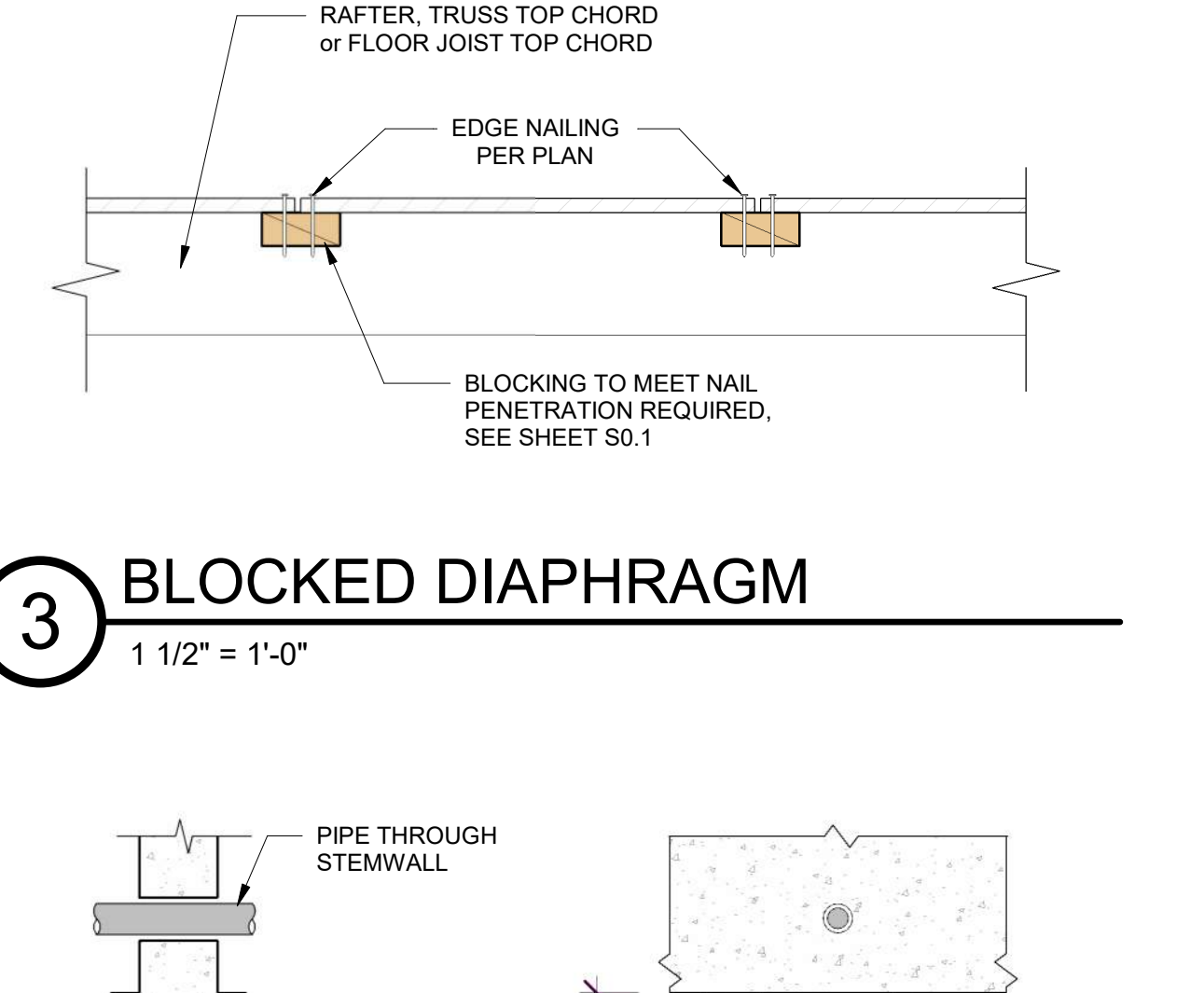
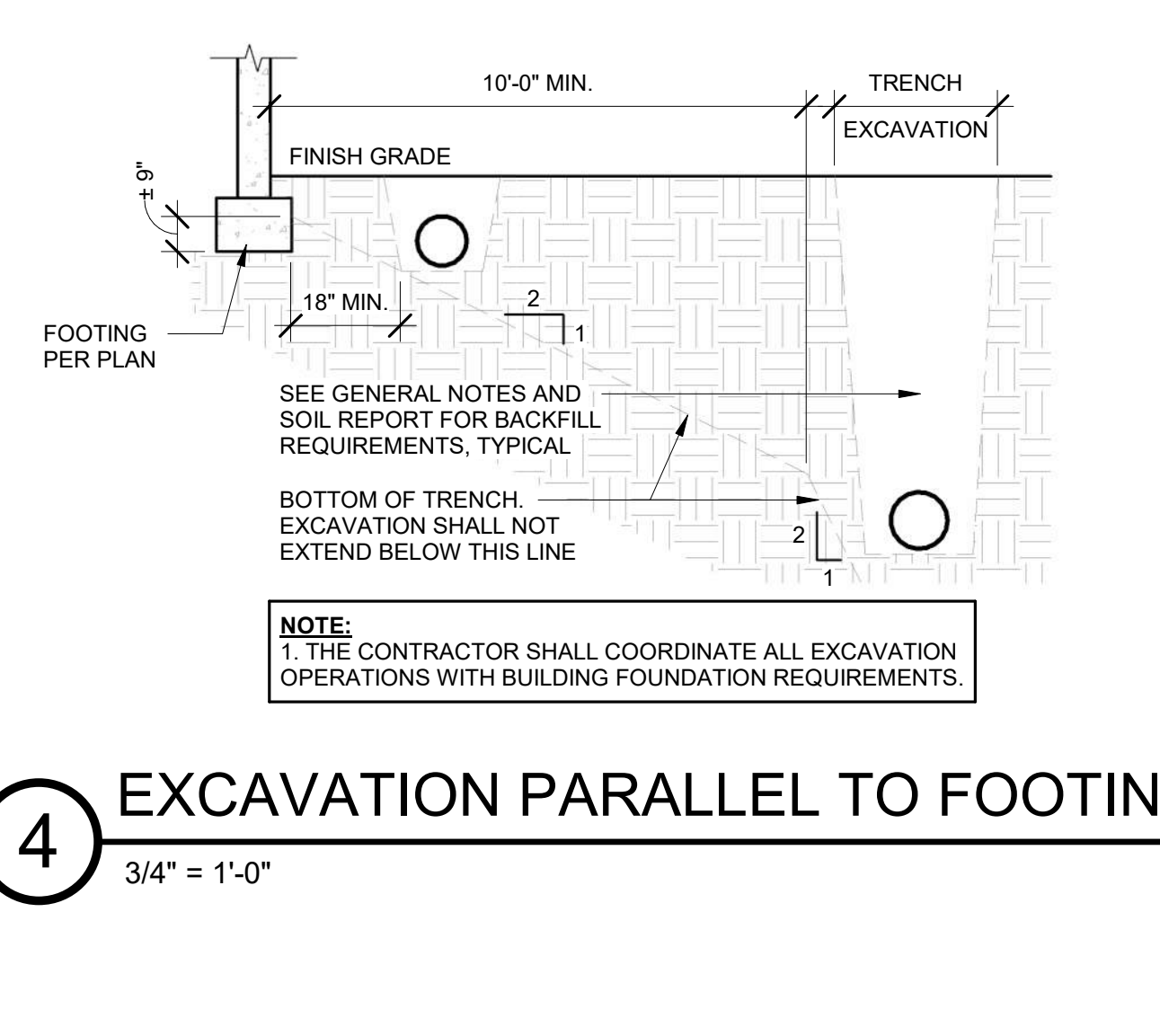
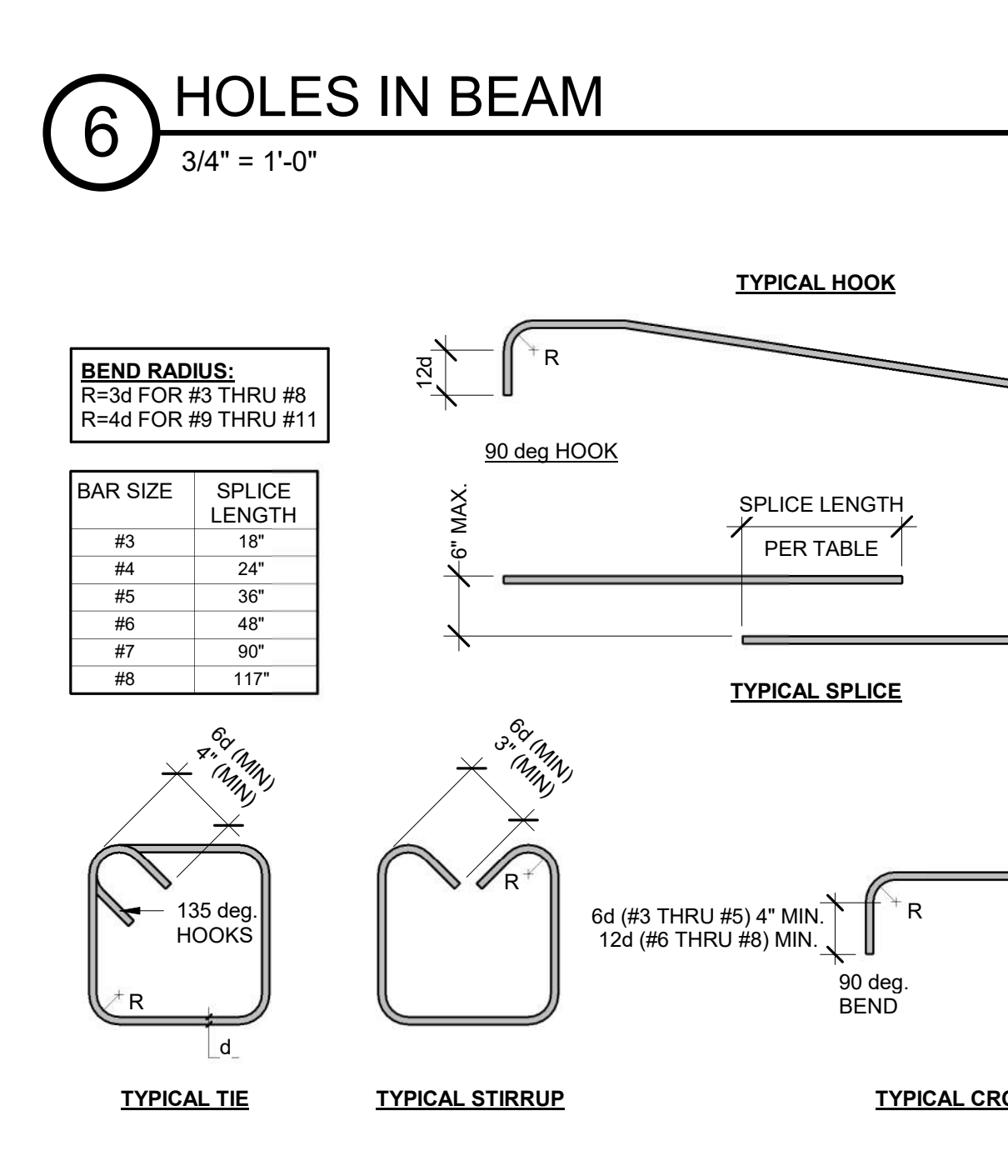
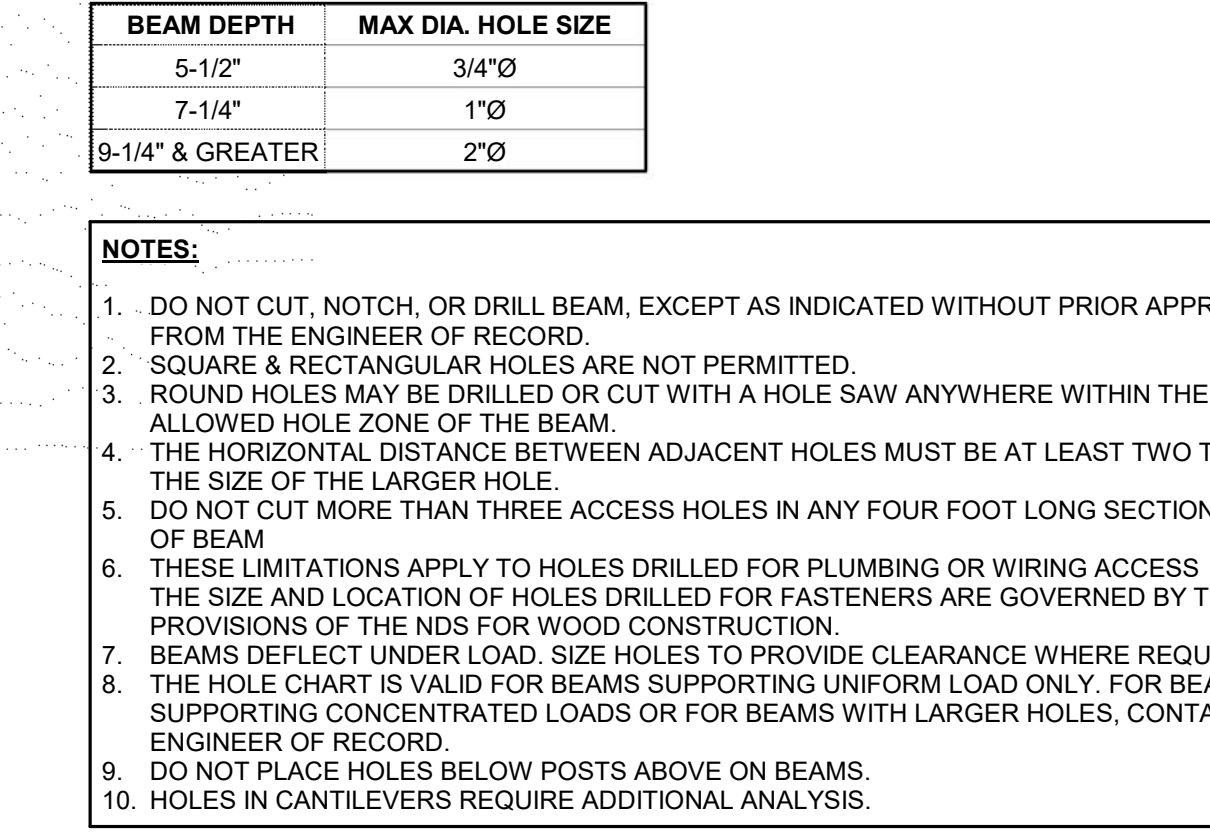
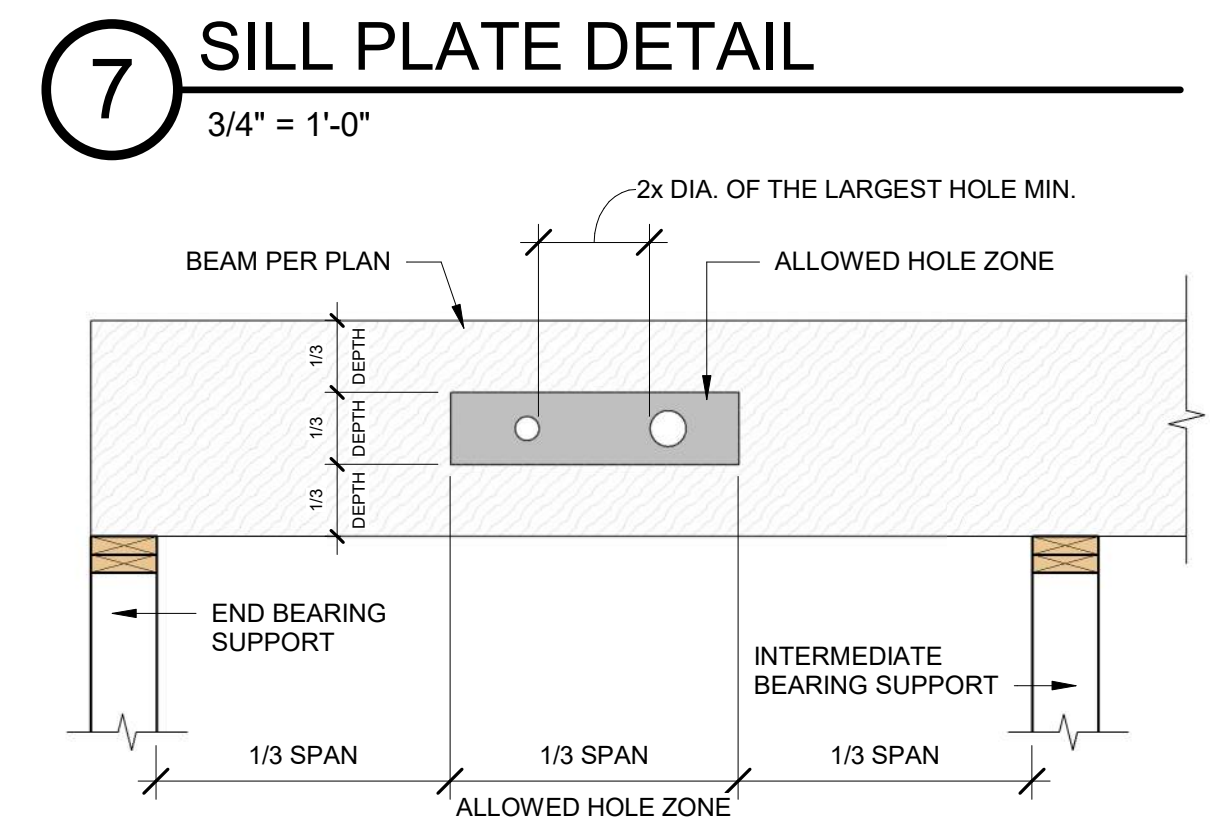
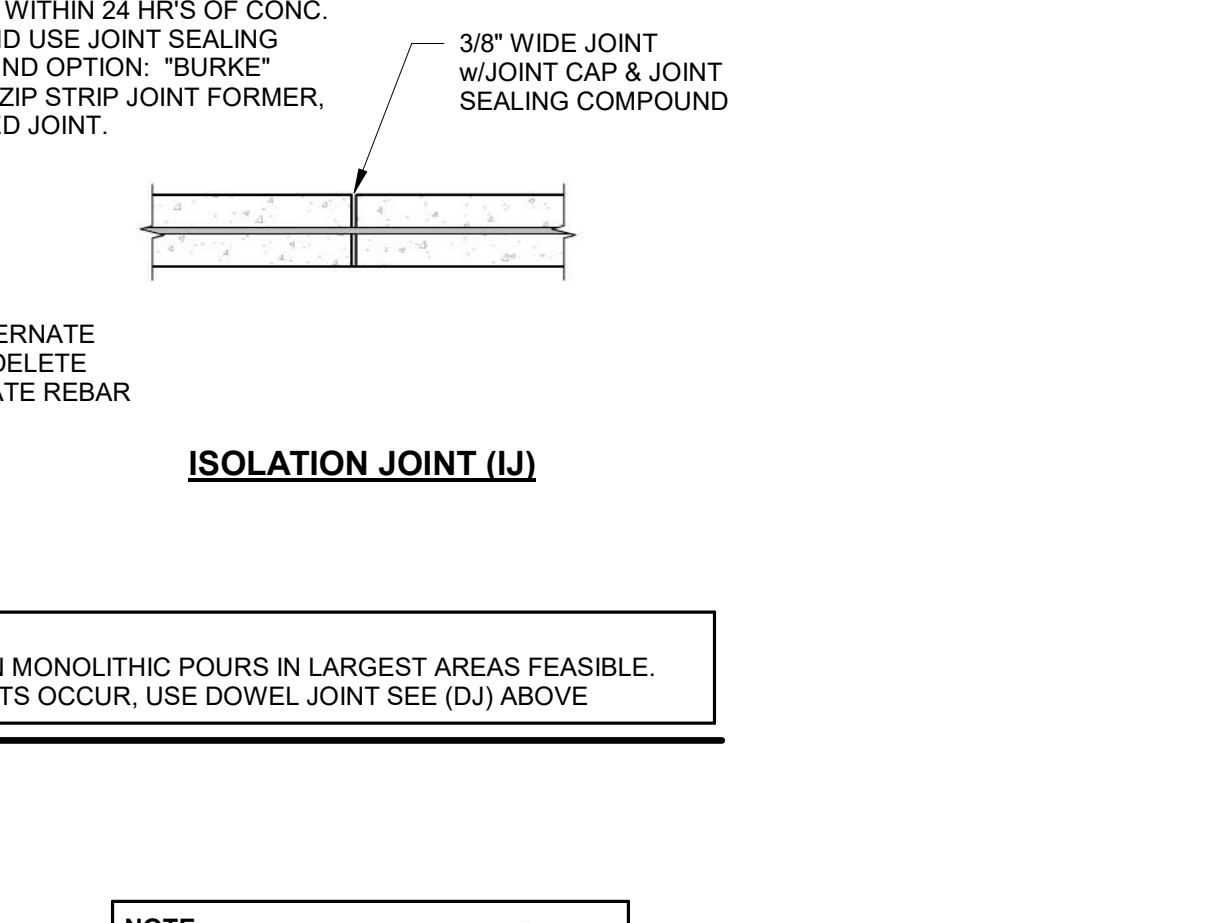
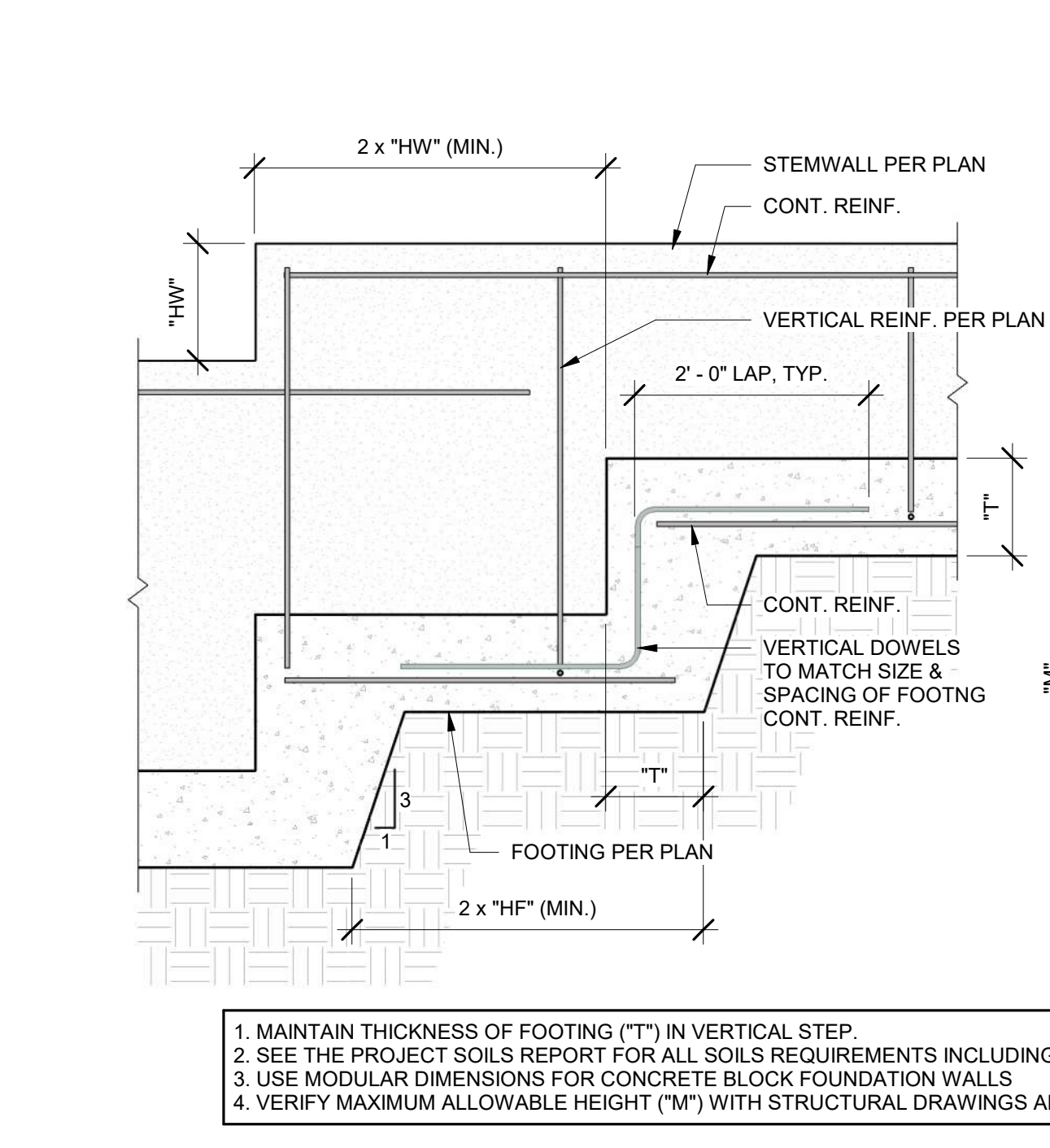
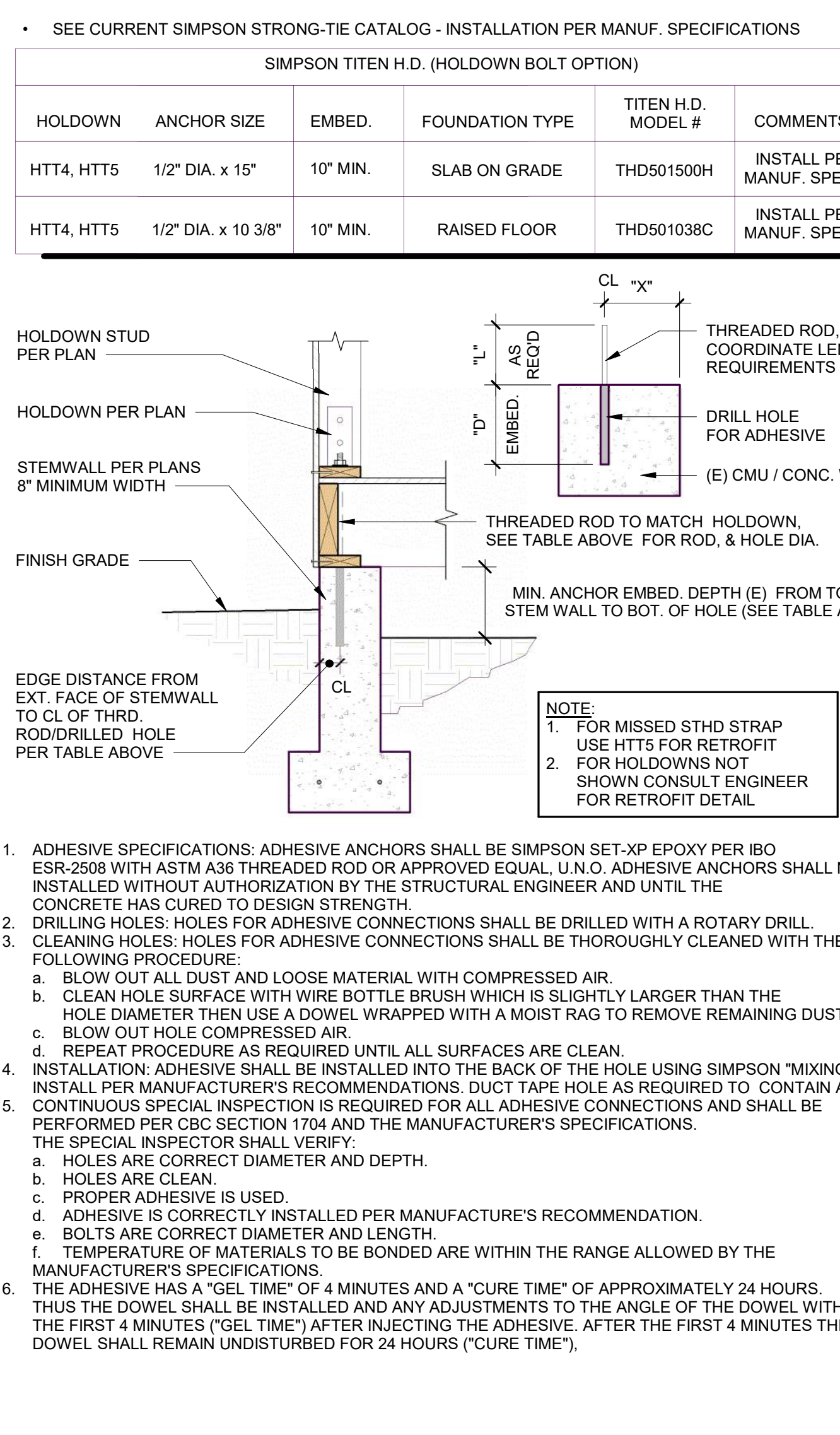
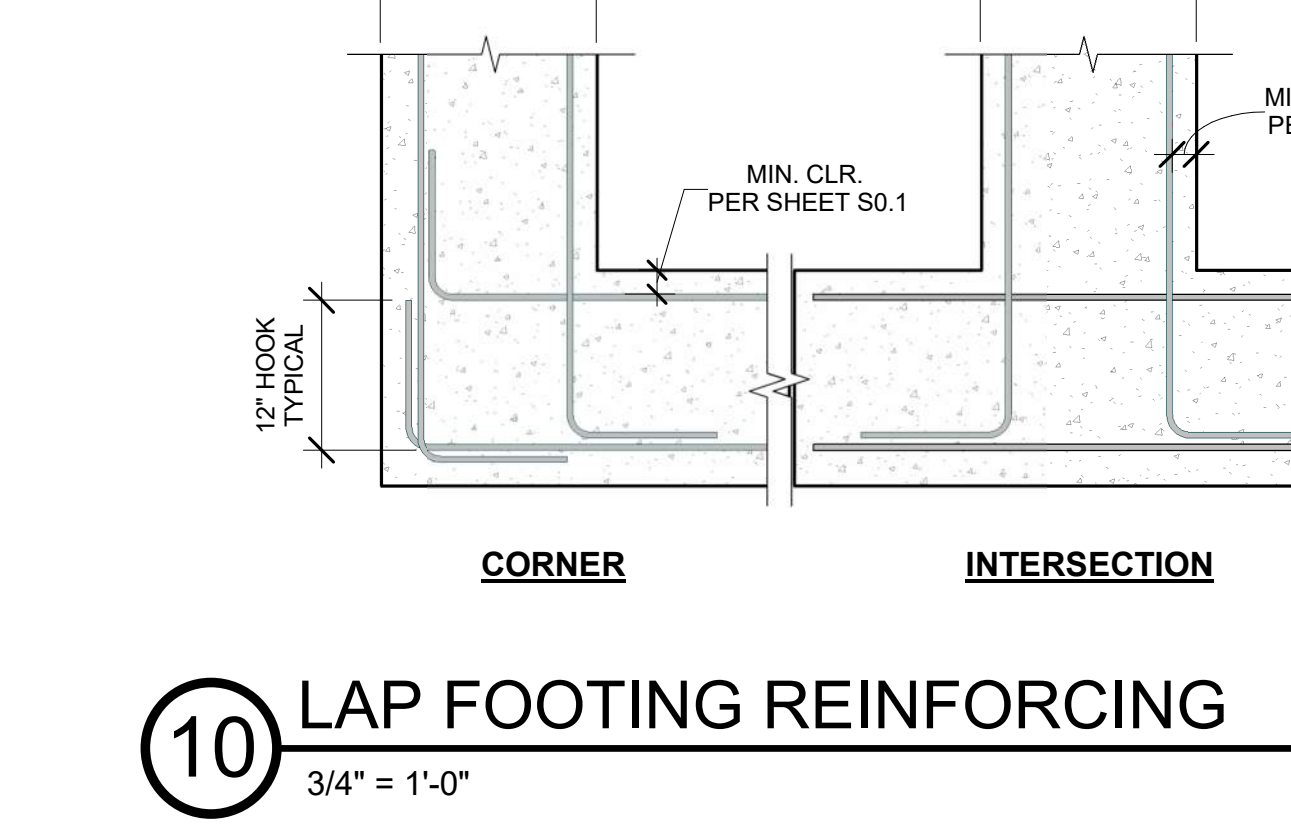
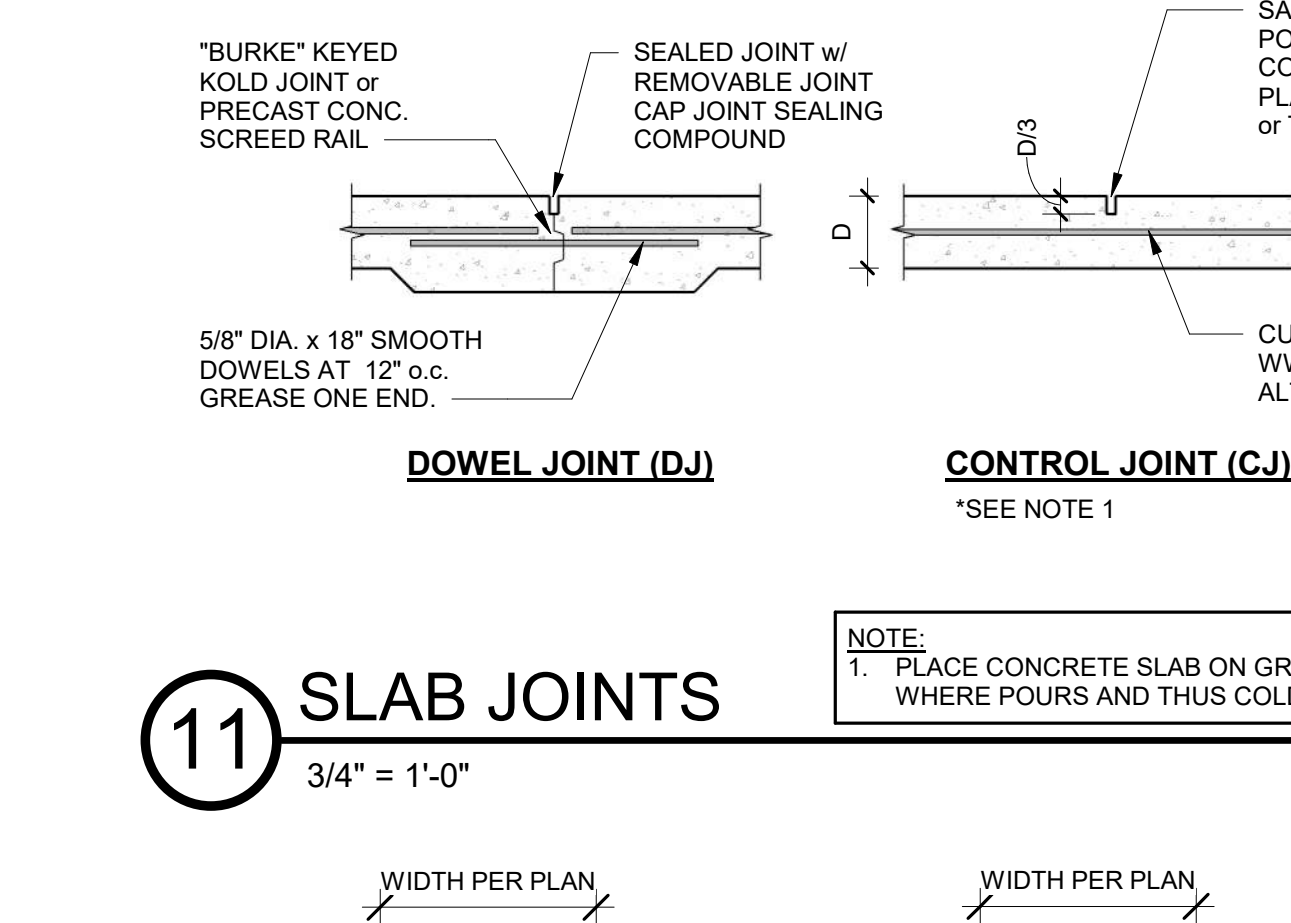
SIMPSON TITEN H.D. (HOLDOWN BOLT OPTION)					
HOLDOWN	ANCHOR SIZE	EMBED.	FOUNDATION TYPE	TITEN H.D. MODEL #	COMMENTS
HTT4, HTT5	1/2" DIA. x 15"	10" MIN.	SLAB ON GRADE	THD501500H	INSTALL PER MANUF. SPECS
HTT4, HTT5	1/2" DIA. x 10 x 3/8"	10" MIN.	RAISED FLOOR	THD501038C	INSTALL PER MANUF. SPECS

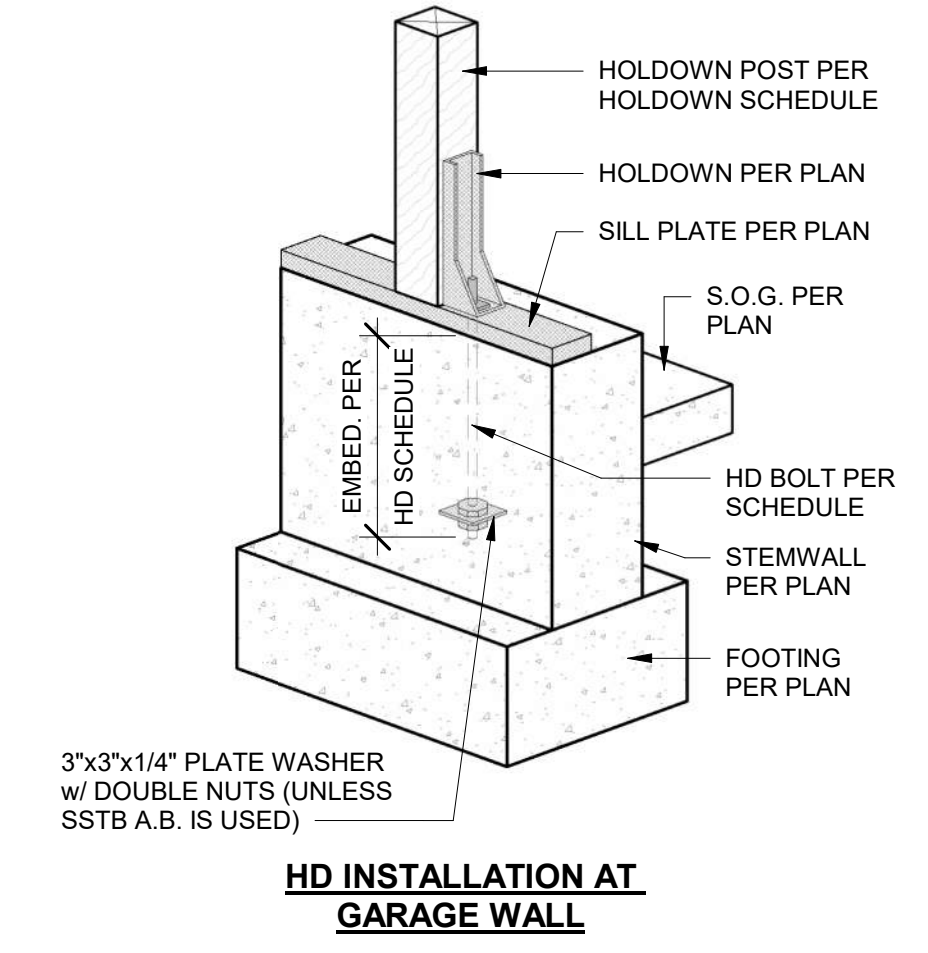
HOLDOWN STUD PER PLAN
HOLDOWN PER PLAN
STEMWALL PER PLANS 8" MINIMUM WIDTH
FINISH GRADE

CL "x"
1" L.S.
10" EMBED.
THREADED ROD, COORDINATE LENGTH w/ REQUIREMENTS PER PLAN
DRILL HOLE FOR ADHESIVE (E) CMU / CONC. WALL
THREADED ROD TO MATCH HOLDOWN, SEE TABLE ABOVE FOR ROD, & HOLE DIA.
MIN. ANCHOR EMBED. DEPTH (E) FROM TOP OF STEM WALL TO BOT. OF HOLE (SEE TABLE ABOVE)

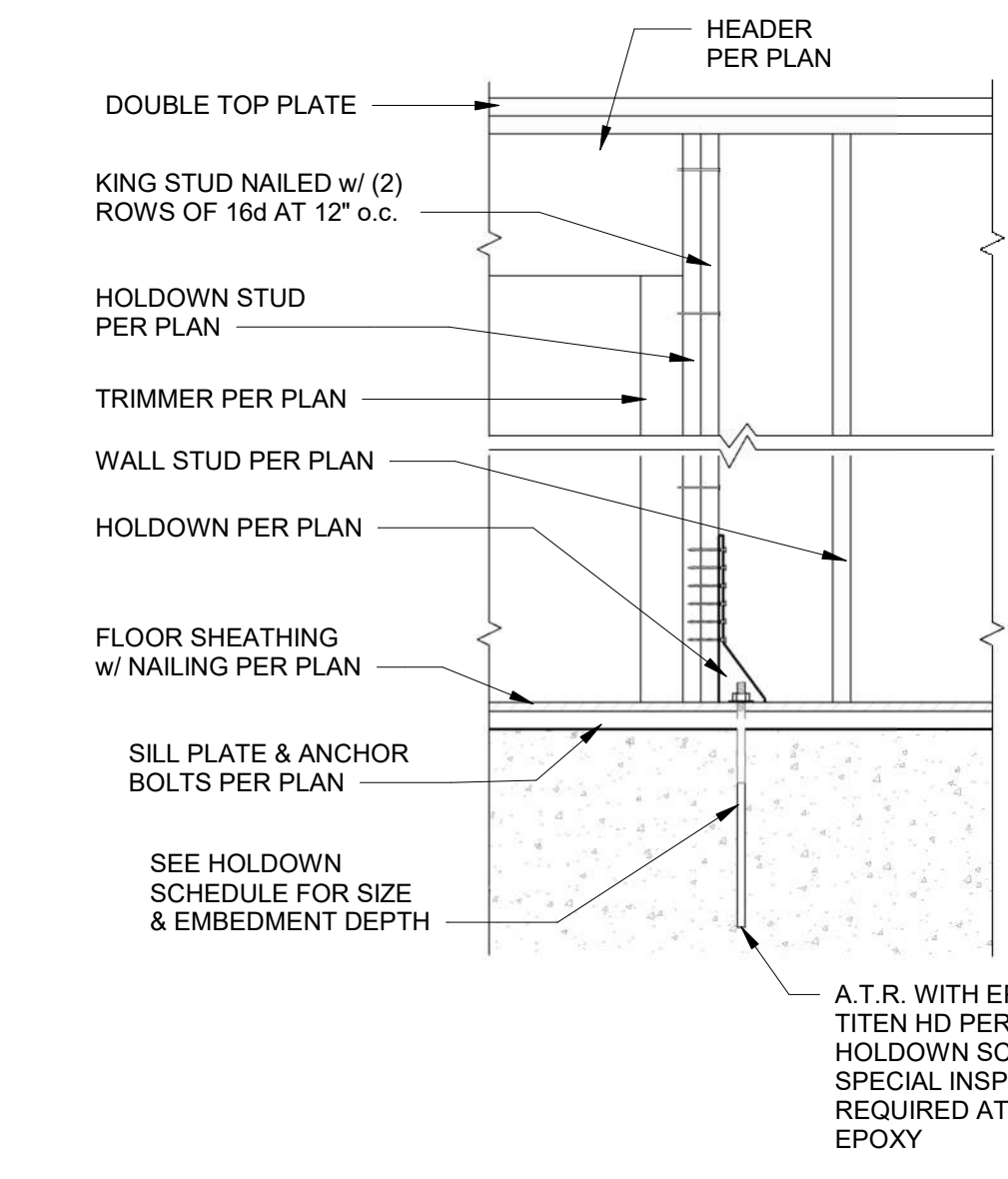
EDGE DISTANCE FROM EXT. FACE OF STEMWALL TO CL OF THRD. ROD/DRILLED HOLE PER TABLE ABOVE

NOTE:
1. FOR MISSED STD STRAP USE HTTS FOR RETROFIT
2. FOR HOLDOWNS NOT SHOWN CONSULT DETAIL ENGINEER FOR RETROFIT DETAIL

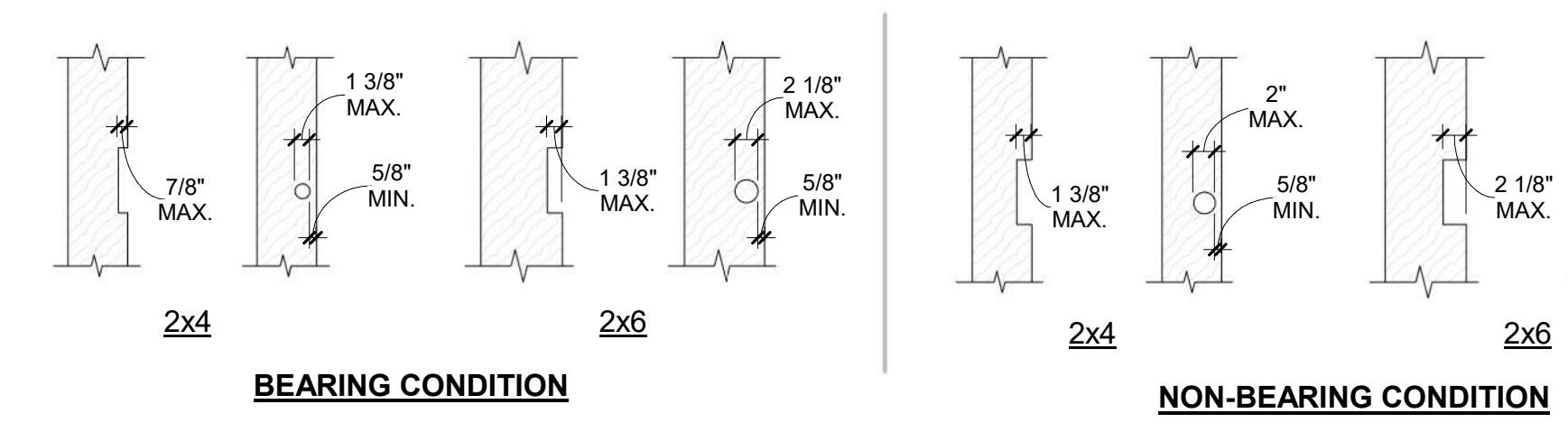




3 FOUNDATION HOLDOWN
3/4" = 1'-0"

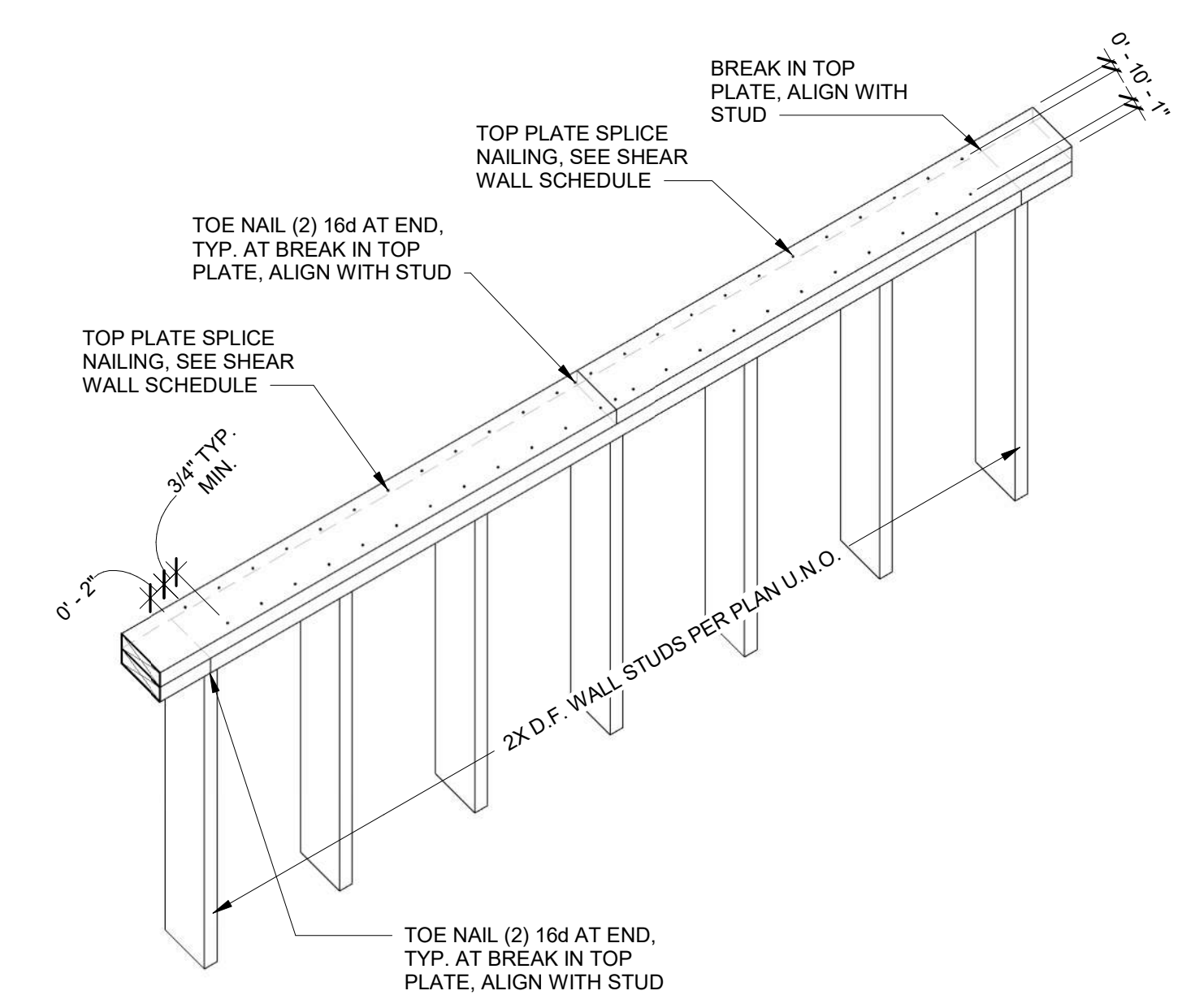


2 HOLDOWN INSTALLATION
3/4" = 1'-0"

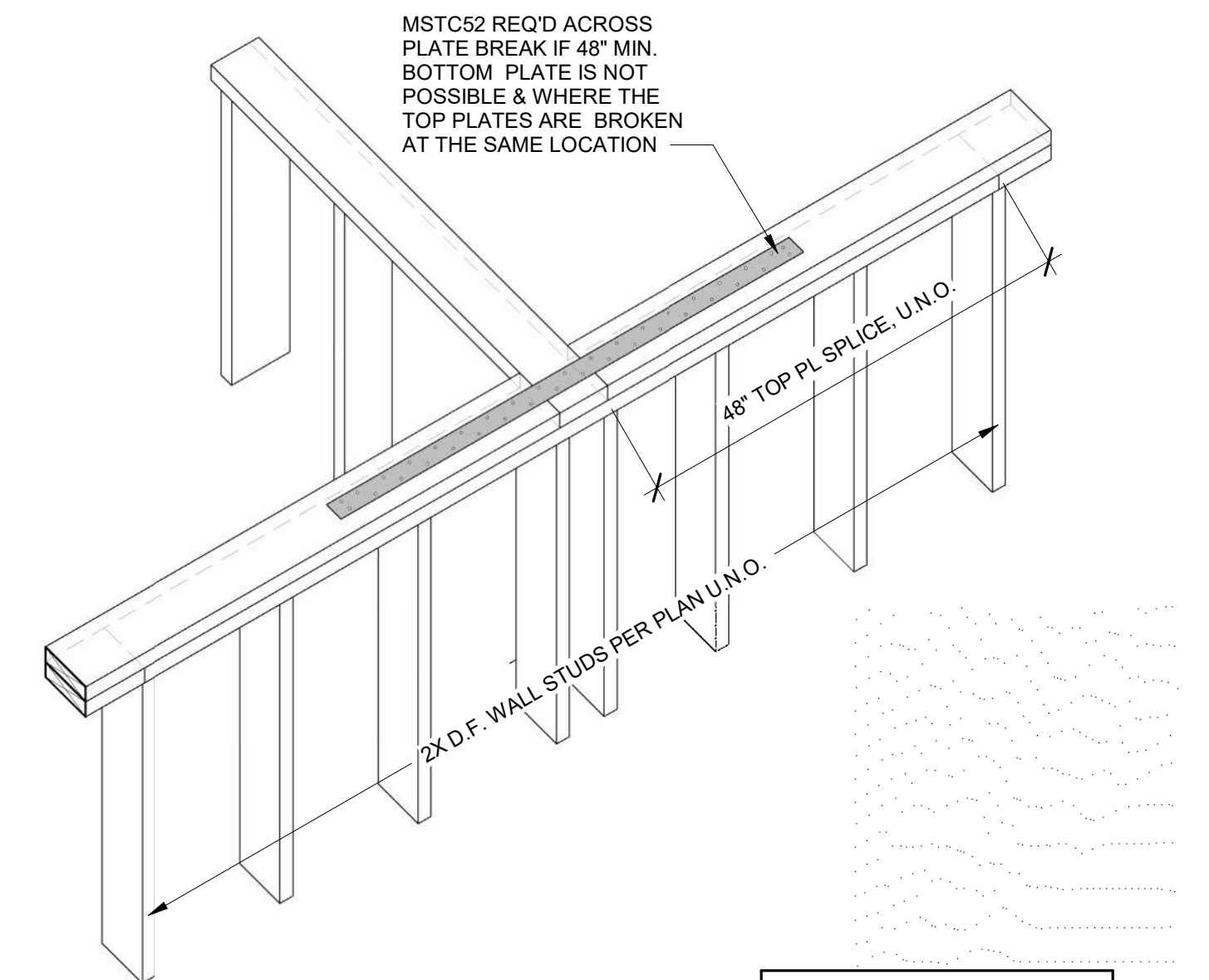


9 STUD WALL NOTCH & DRILL
3/4" = 1'-0"

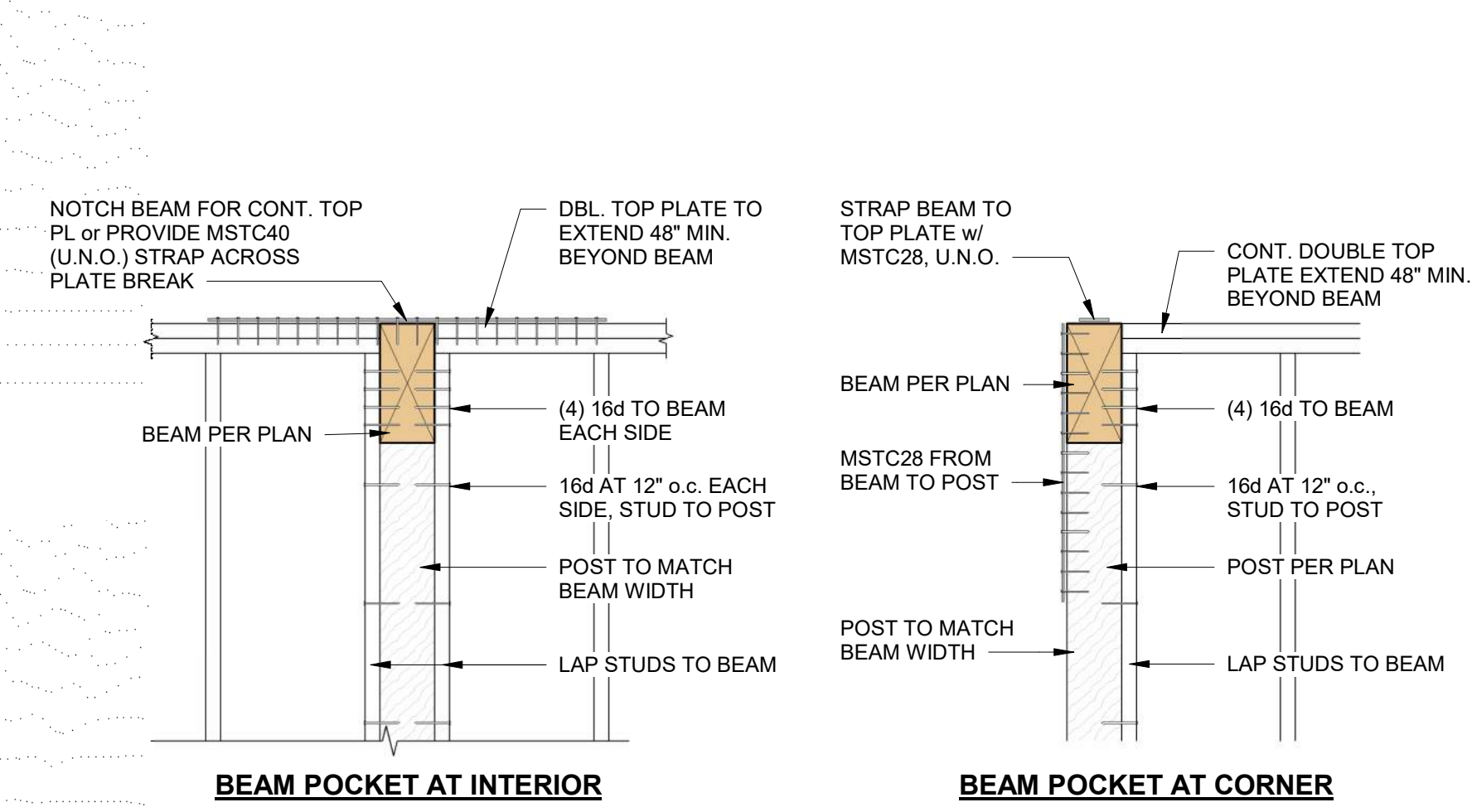
NOTE: BEARING or NON-BEARING WALLS MAY BE DRILLED 2" FOR 2x4 AND 3 1/4" FOR 2x6 WALLS, w/ 5/8" EDGE DISTANCE. IF STUDS ARE DOUBLED AND NOT MORE THAN (2) SUCCESSIVE DOUBLED STUDS ARE DRILLED.



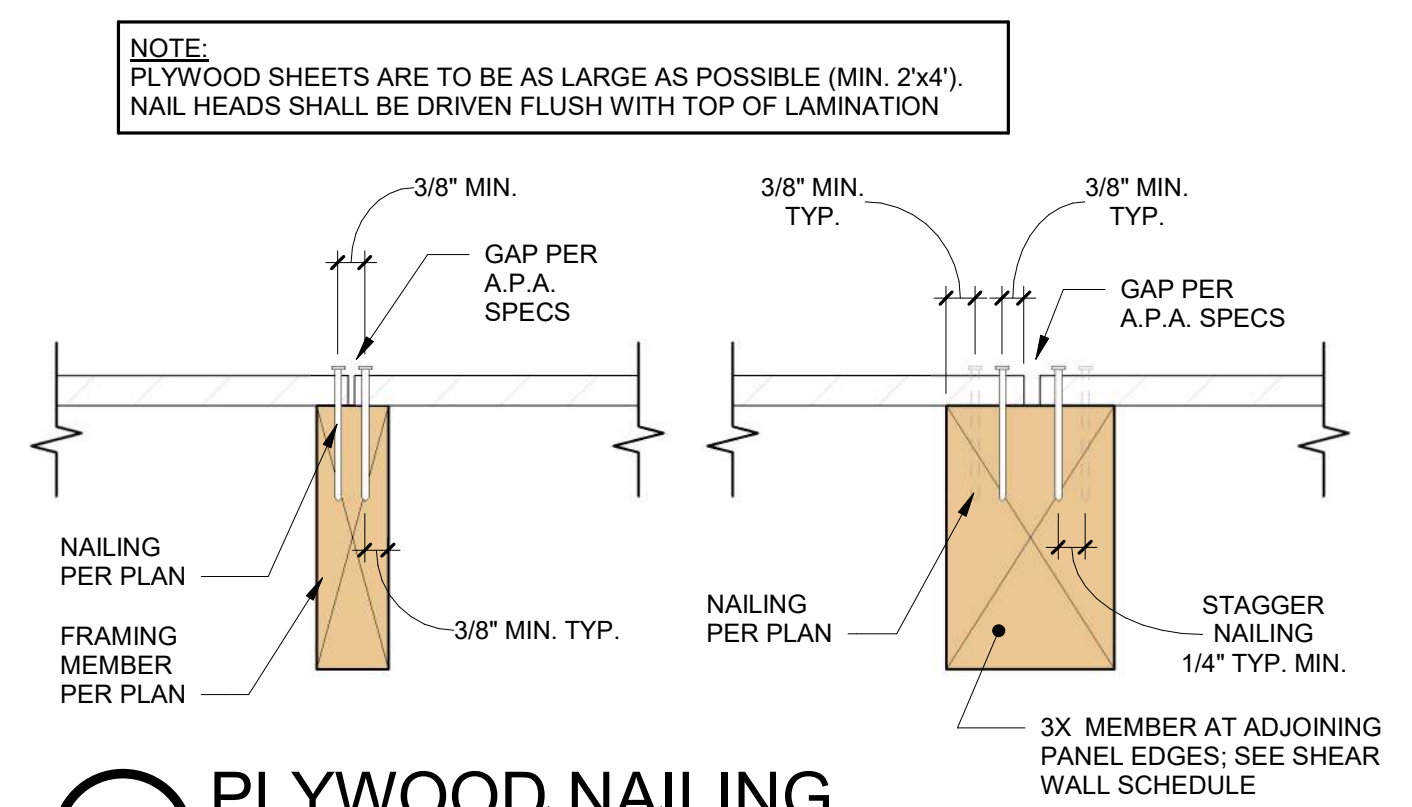
8 TOP PLATE SPLICE
3/4" = 1'-0"



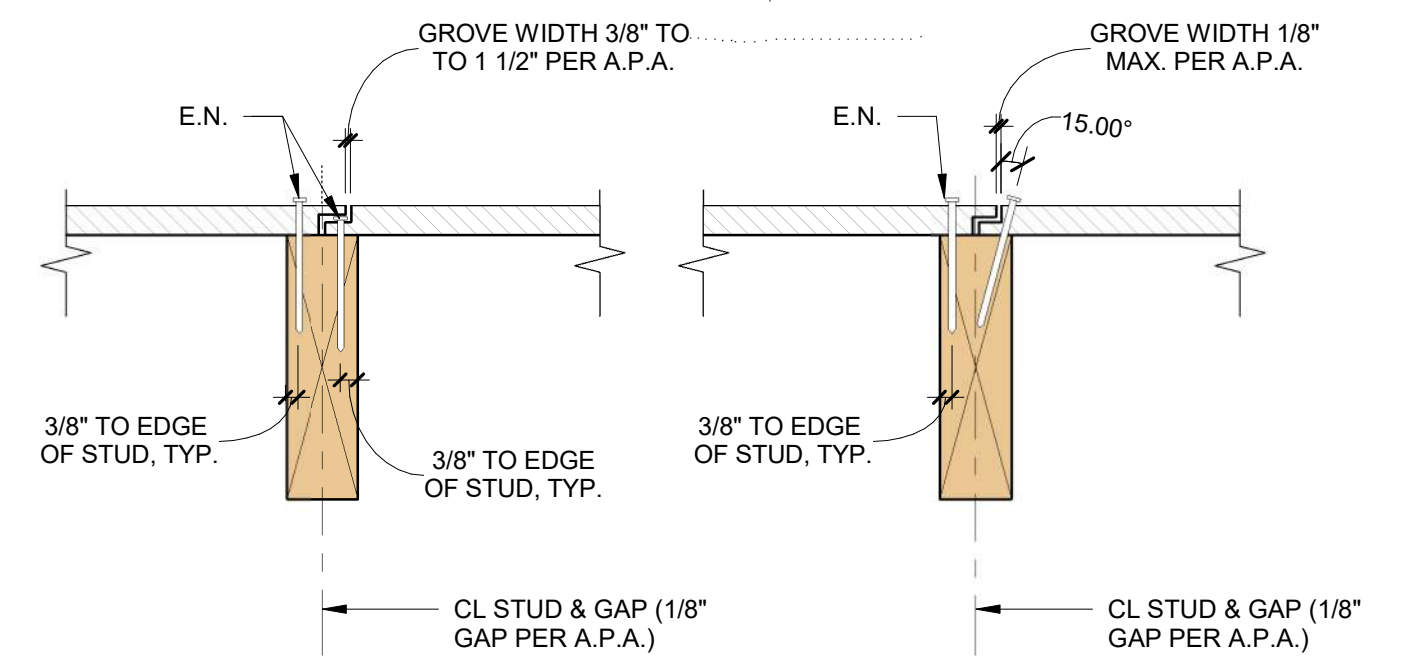
7 TOP PLATE BREAKS
3/4" = 1'-0"



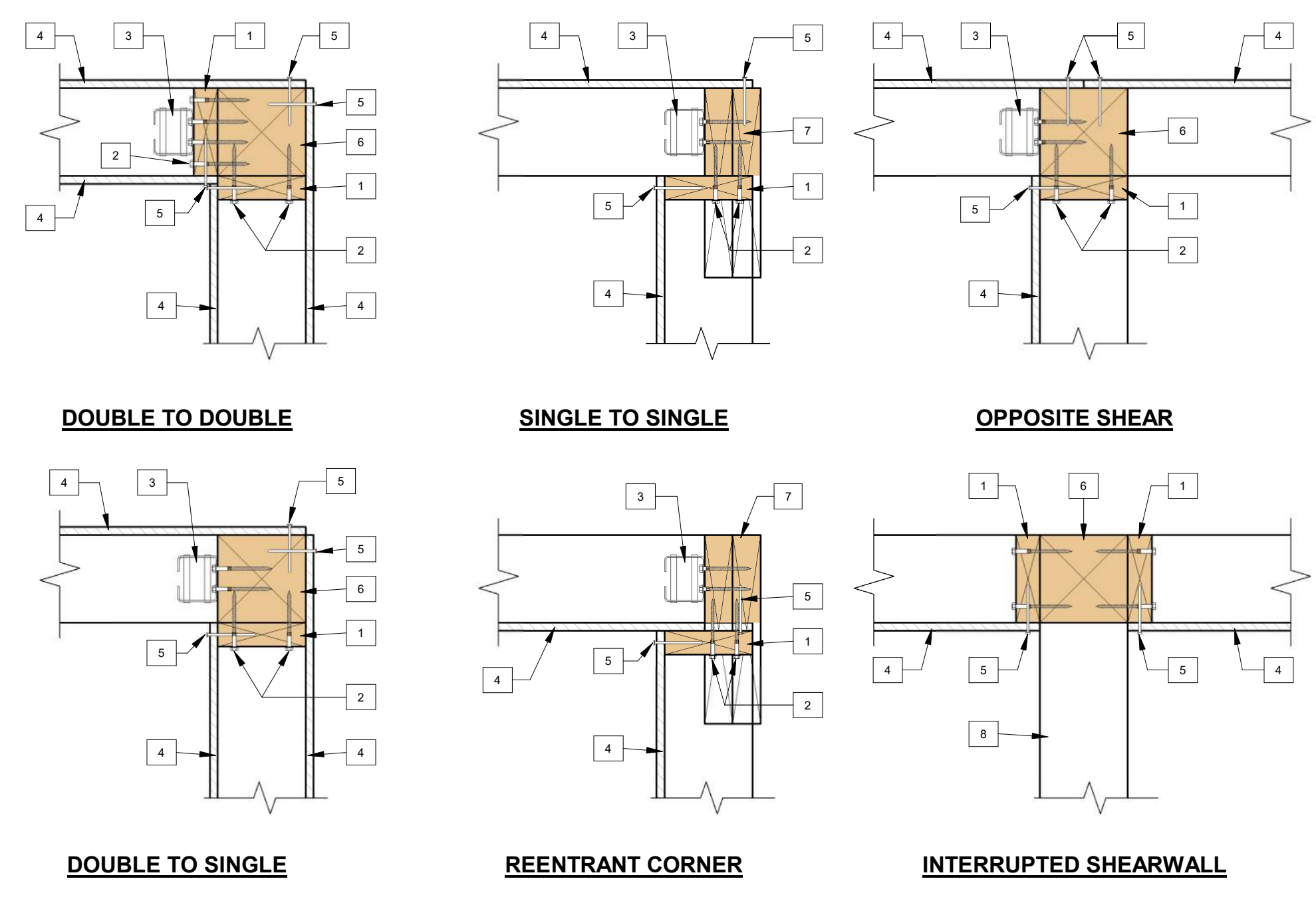
6 BEAM POCKET
3/4" = 1'-0"



5 PLYWOOD NAILING
3" = 1'-0"



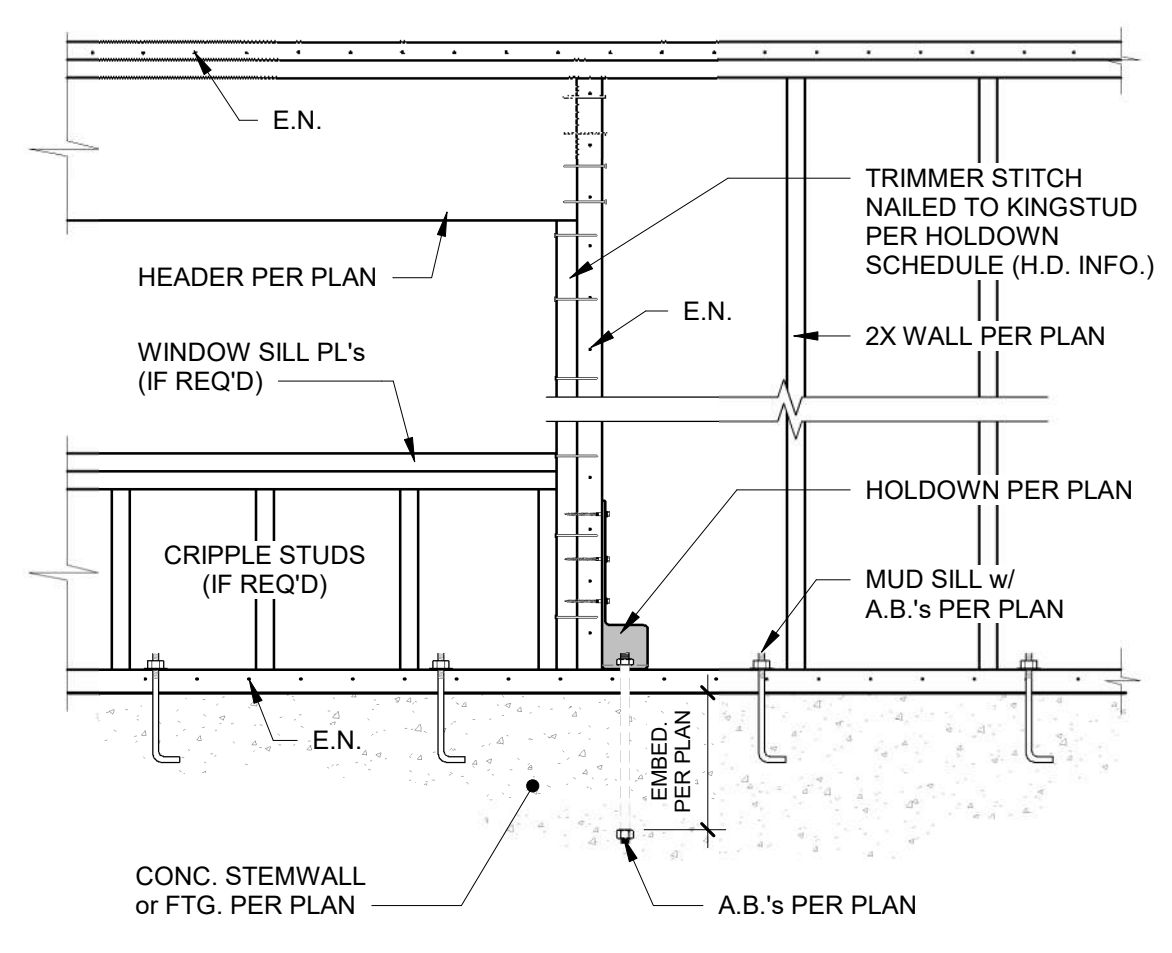
4 SIDING NAILING
3" = 1'-0"



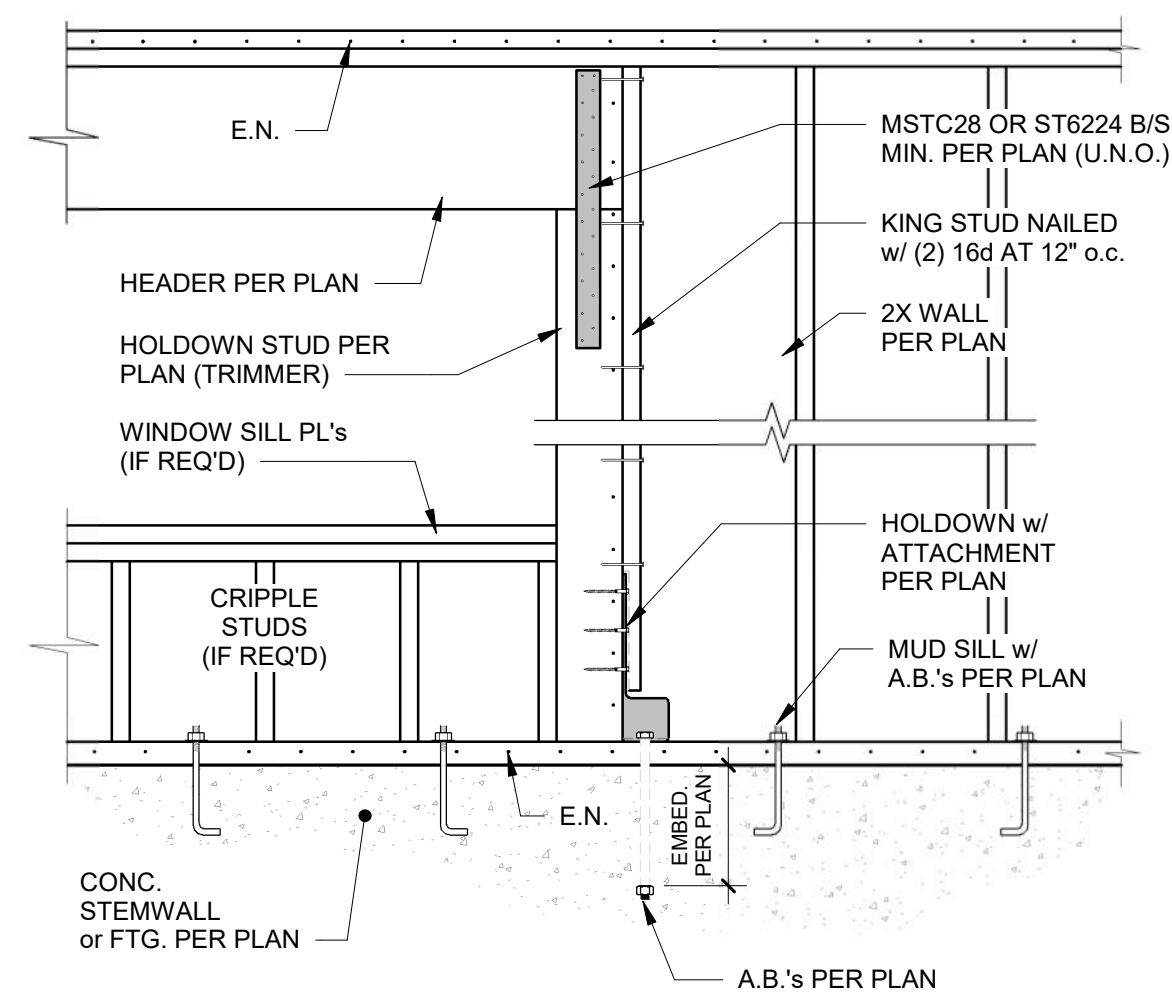
1 HOLDOWN IN CORNER
1 1/2" = 1'-0"

- LEGEND:**
- 2x OR 3x MEMBER RECEIVING SHEARWALL EDGE NAIL (SEE SHEAR WALL SCHEDULE)
 - FOR TYPE "6" & "4" SHEARWALLS, USE (2) 16d NAILS AT 6" o.c. ALL OTHER SHEARWALL TYPES USE SDS 14d @ 4.5" SCREWS AT 4" o.c. STAGGERED ABOUT CENTERLINE OF STUD
 - HOLDOWN PER PLAN
 - SHEAR PLY PER PLAN
 - EDGE NAILING (SEE SHEAR WALL SCHEDULE)
 - SOLID FRAMING
 - HOLDOWN POSTS / STUDS PER PLAN (SEE SHEARWALL SCHEDULE)
 - CROSS WALL INTERRUPTING SHEARWALL

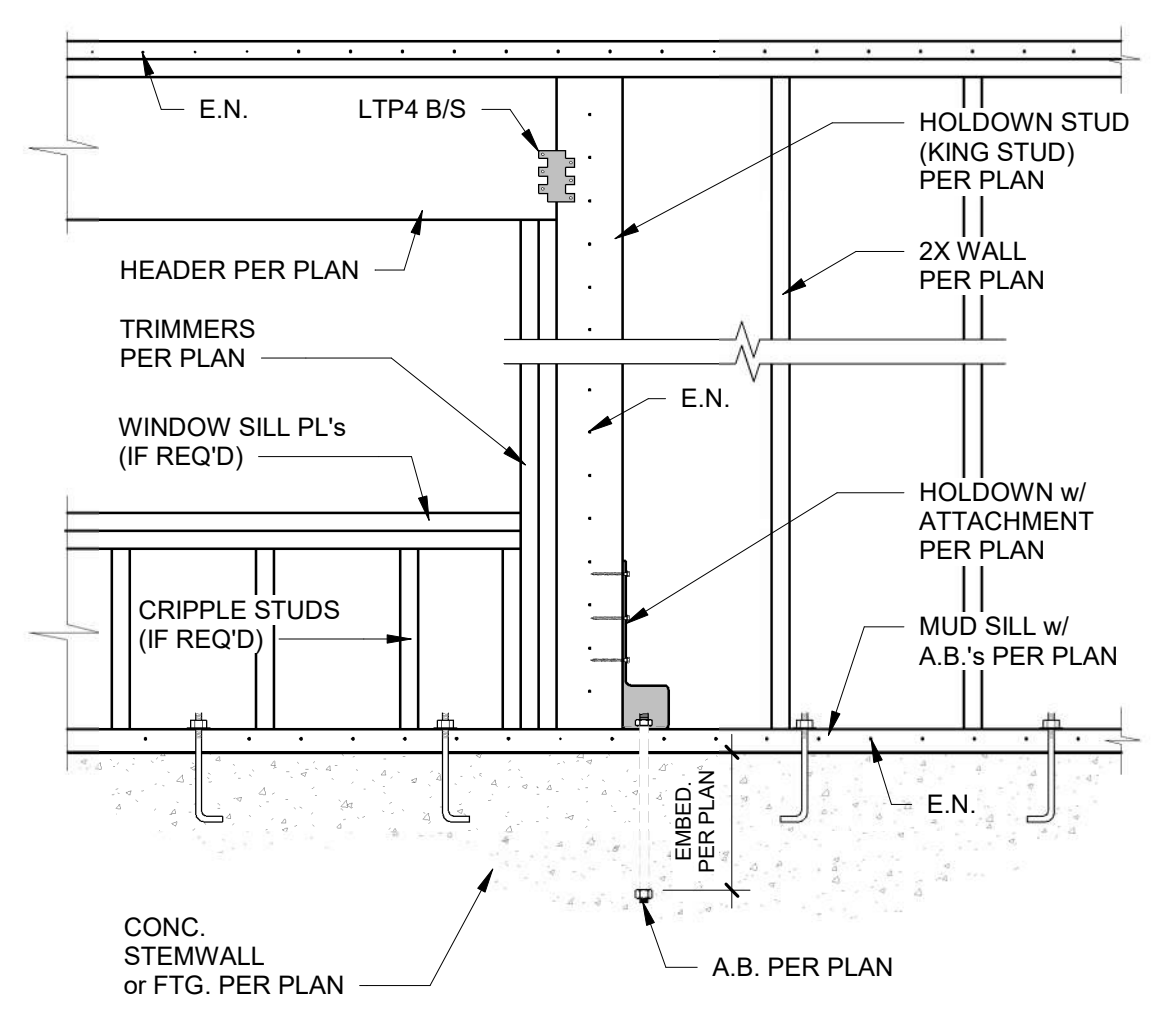
- NOTES:**
- THIS DETAIL SUPERCEDES HOLDOWN SCHEDULE, i.e. NO DOUBLE STUDS PER HOLDOWN SCHEDULE. CONNECT HOLDOWNS AS SHOWN.
 - SIMILAR SITUATIONS GET SIMILAR CONNECTIONS.
 - EVERY EXTERIOR / PERIMETER / LOAD BEARING CORNER GETS MINIMUM (2) STUDS OR (1) HOLDOWN POST & (1) STUD



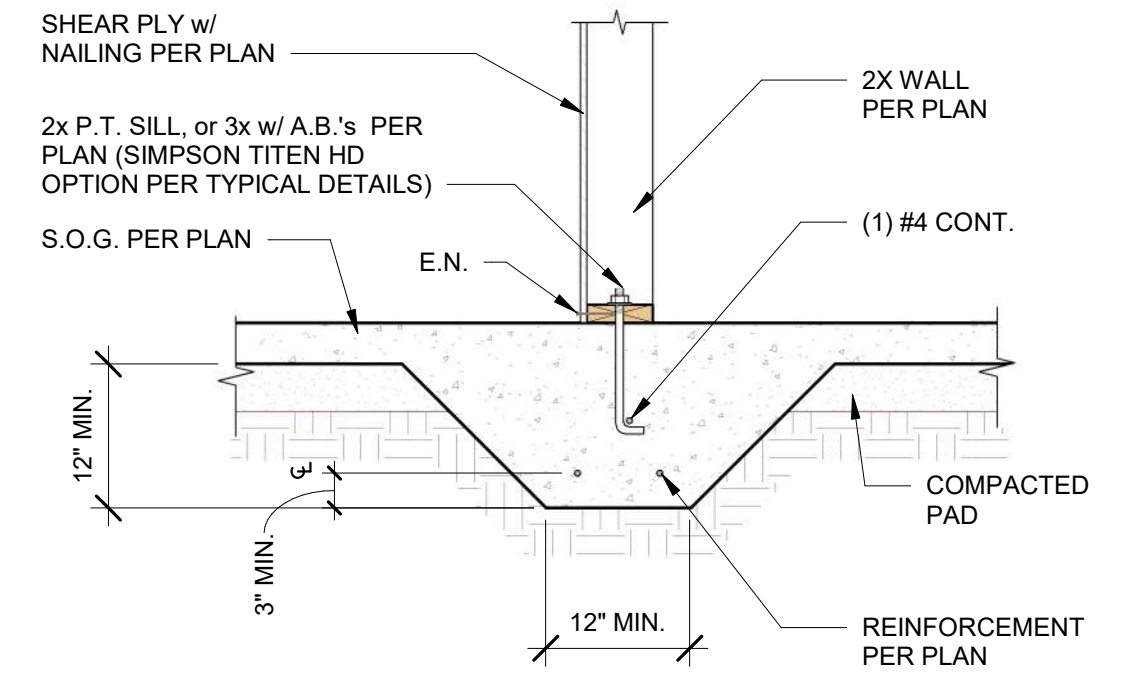
12 HD AT OPENING TO TRIMMER-KING STUD
3/4" = 1'-0" CONDITION 'G'



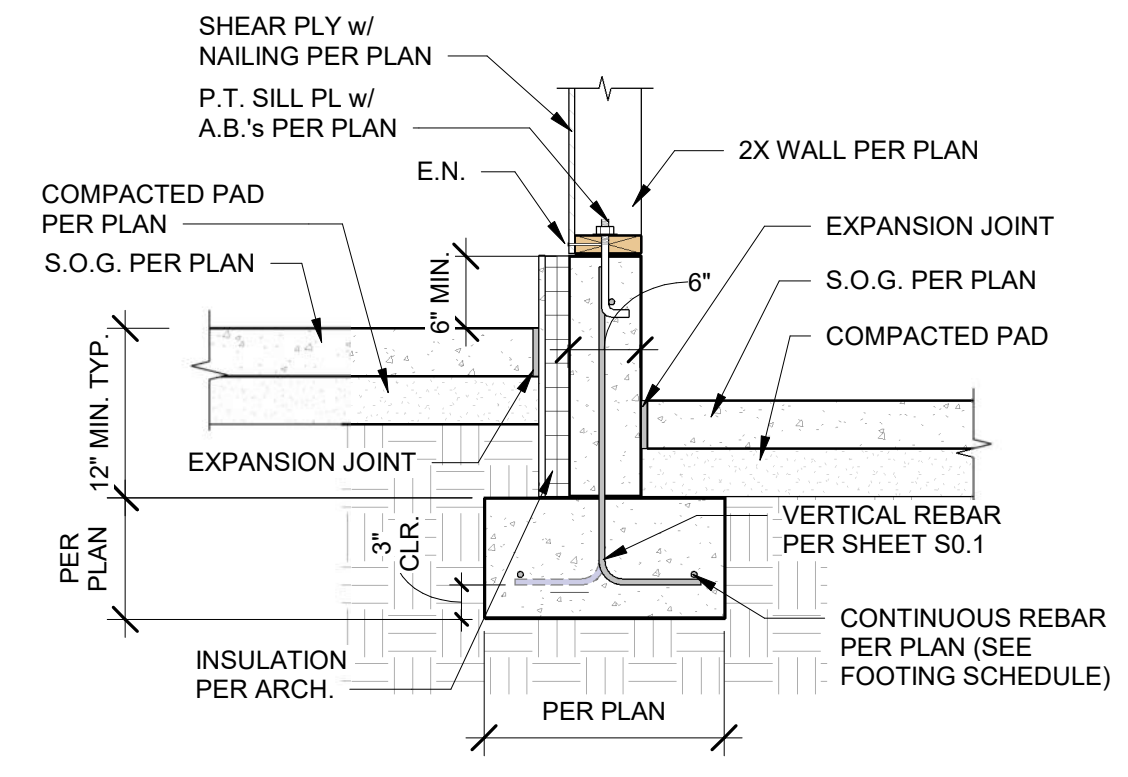
11 HD AT OPENING TO TRIMMER
3/4" = 1'-0" CONDITION 'F'



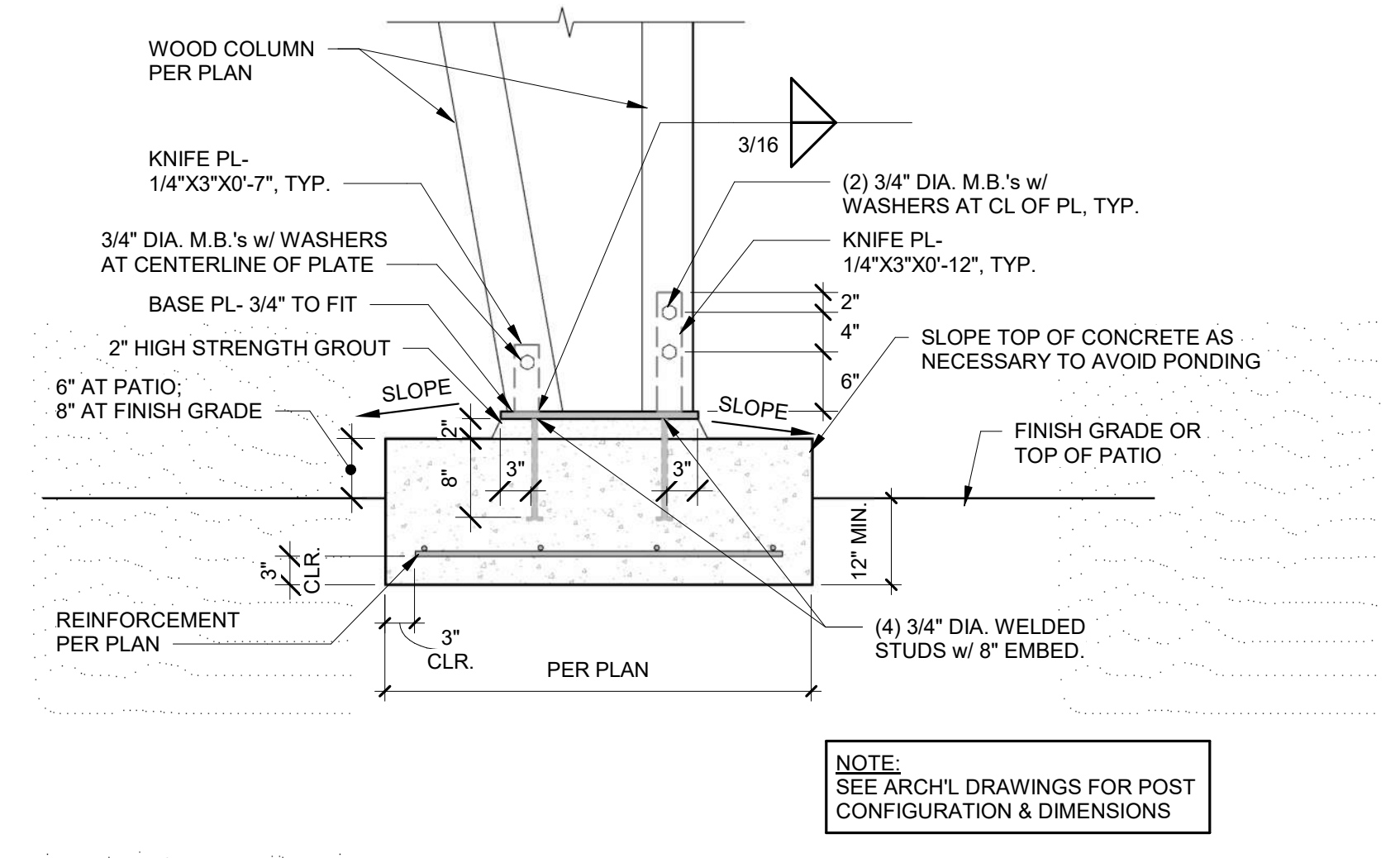
10 HD AT OPENING TO KING STUD
3/4" = 1'-0" CONDITION 'E'



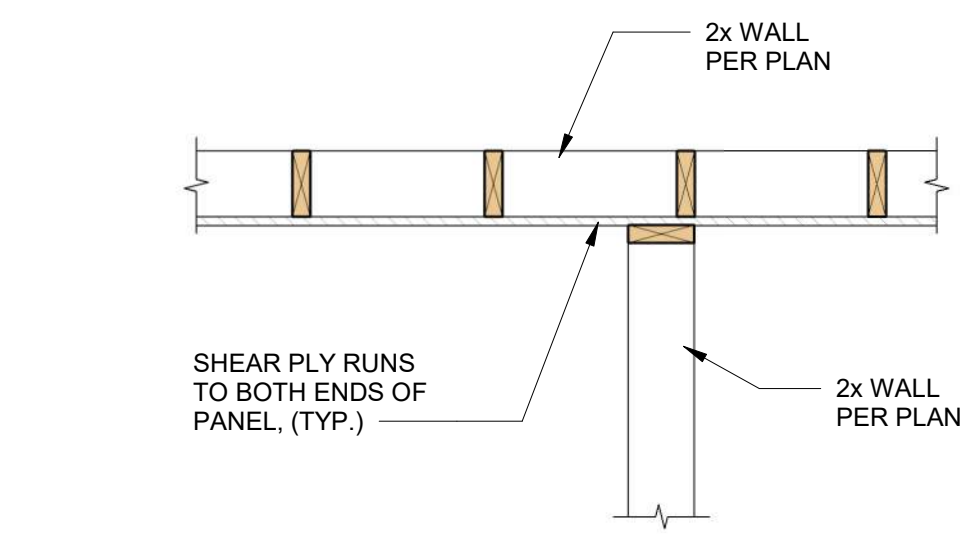
8 DETAIL
3/4" = 1'-0" 110-338



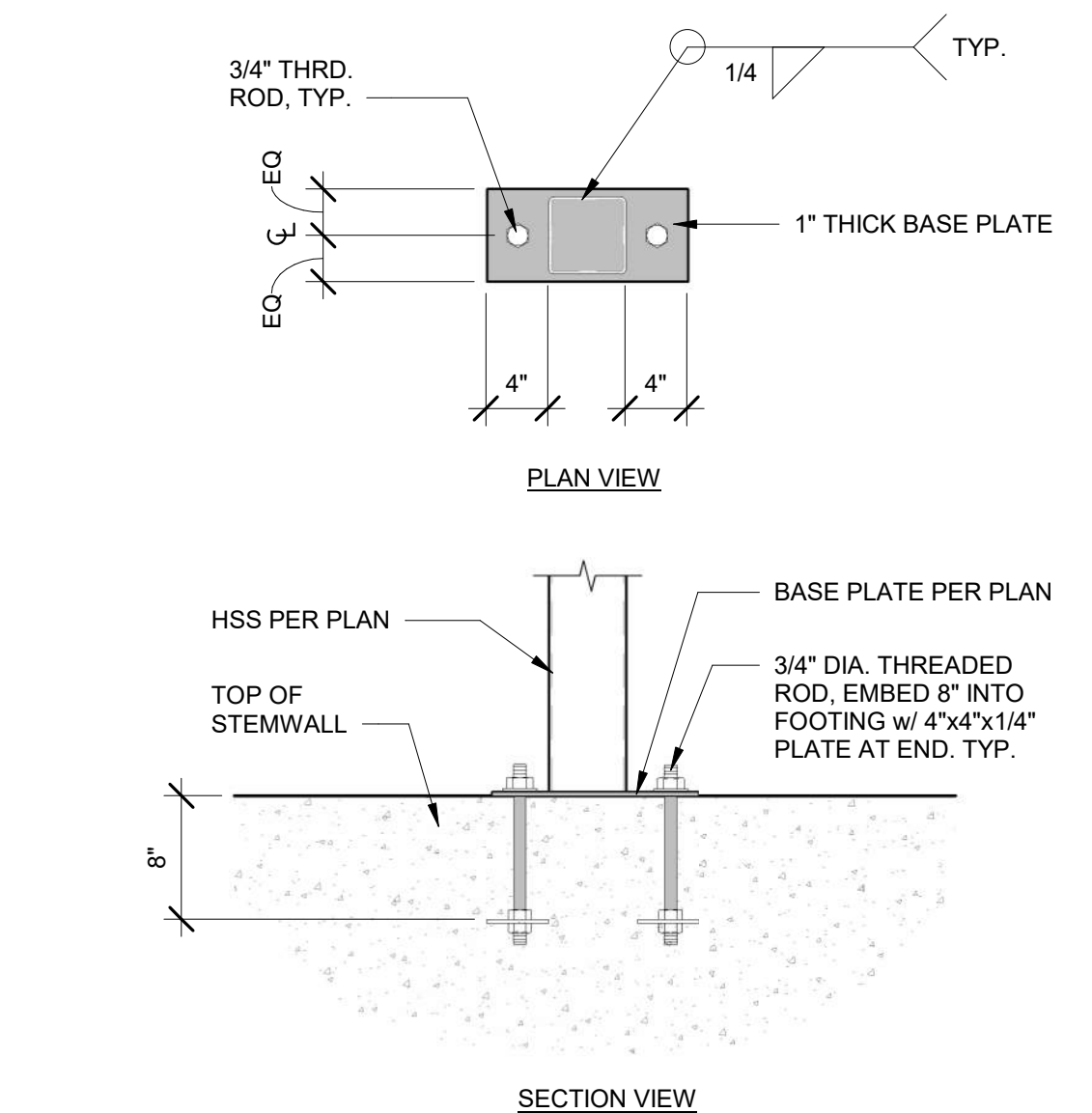
7 DETAIL
3/4" = 1'-0" 110-302M



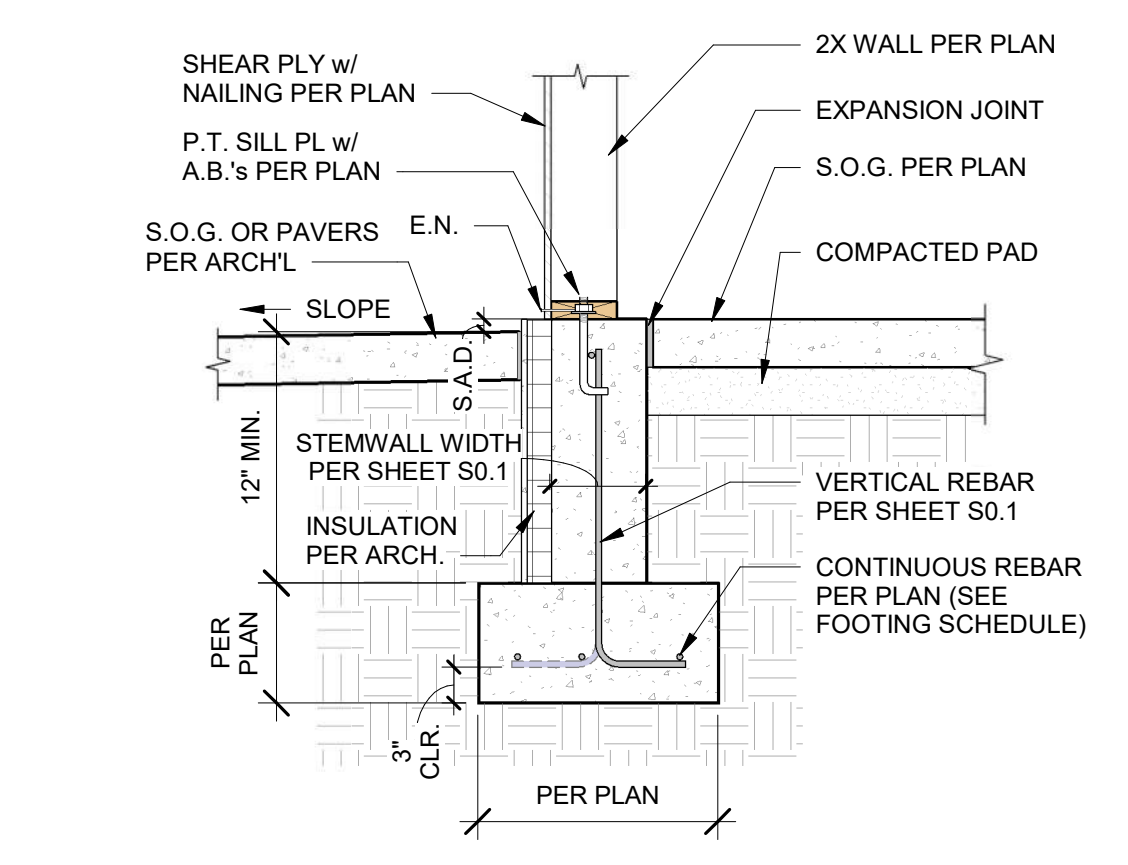
3 DETAIL
3/4" = 1'-0" 120-011M



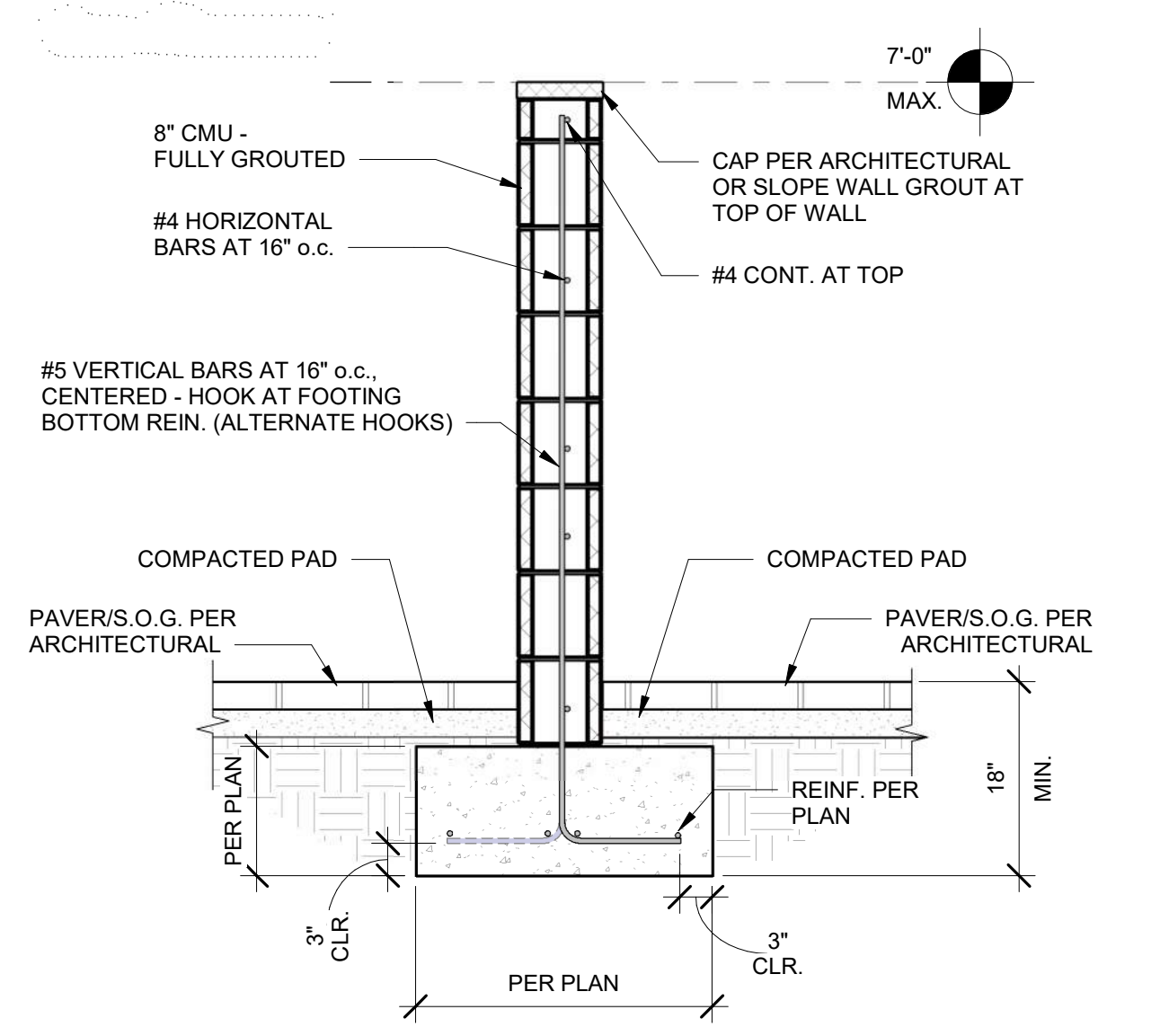
11 DETAIL
3/4" = 1'-0" 230-043



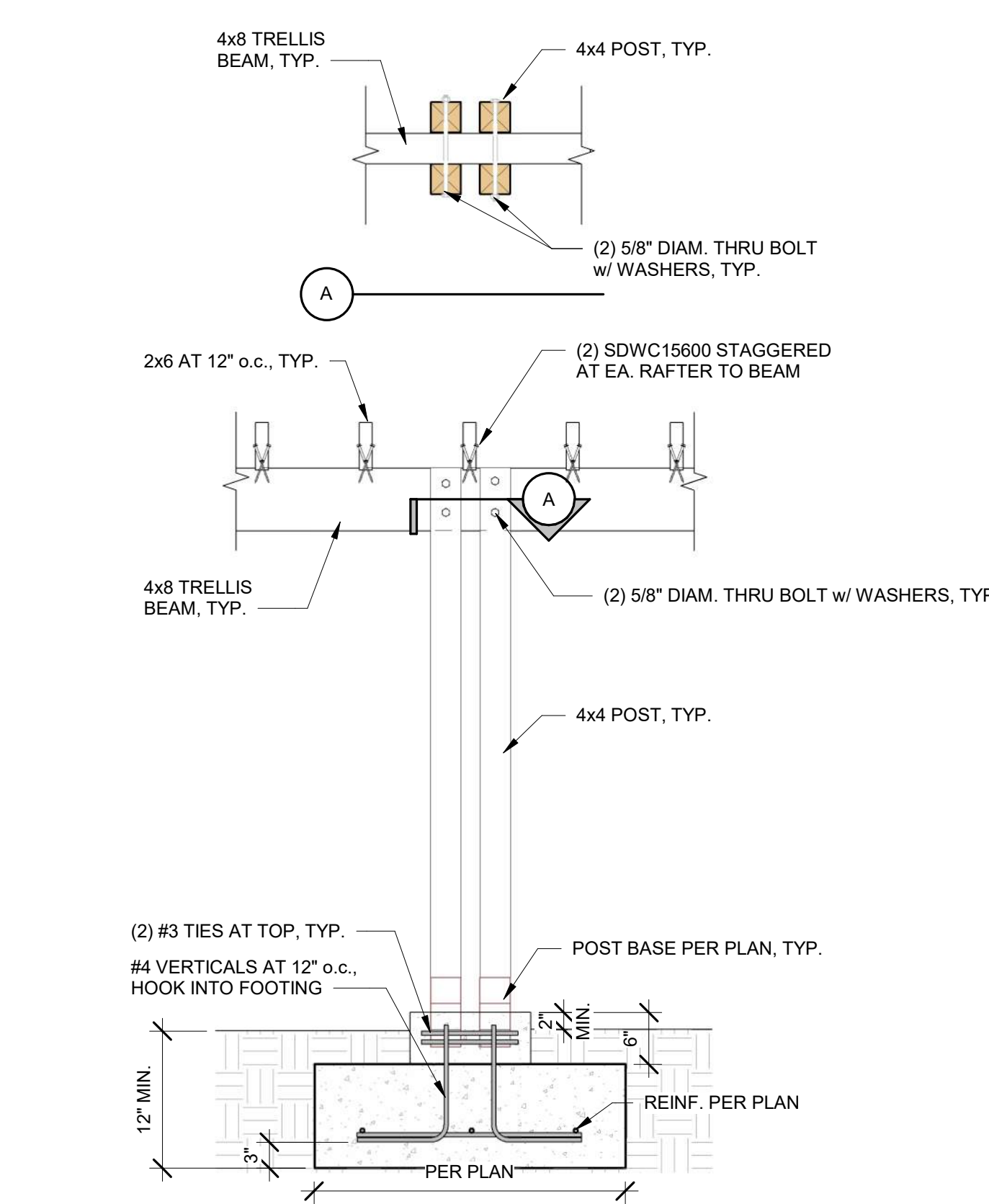
10 DETAIL
1" = 1'-0" 420-003



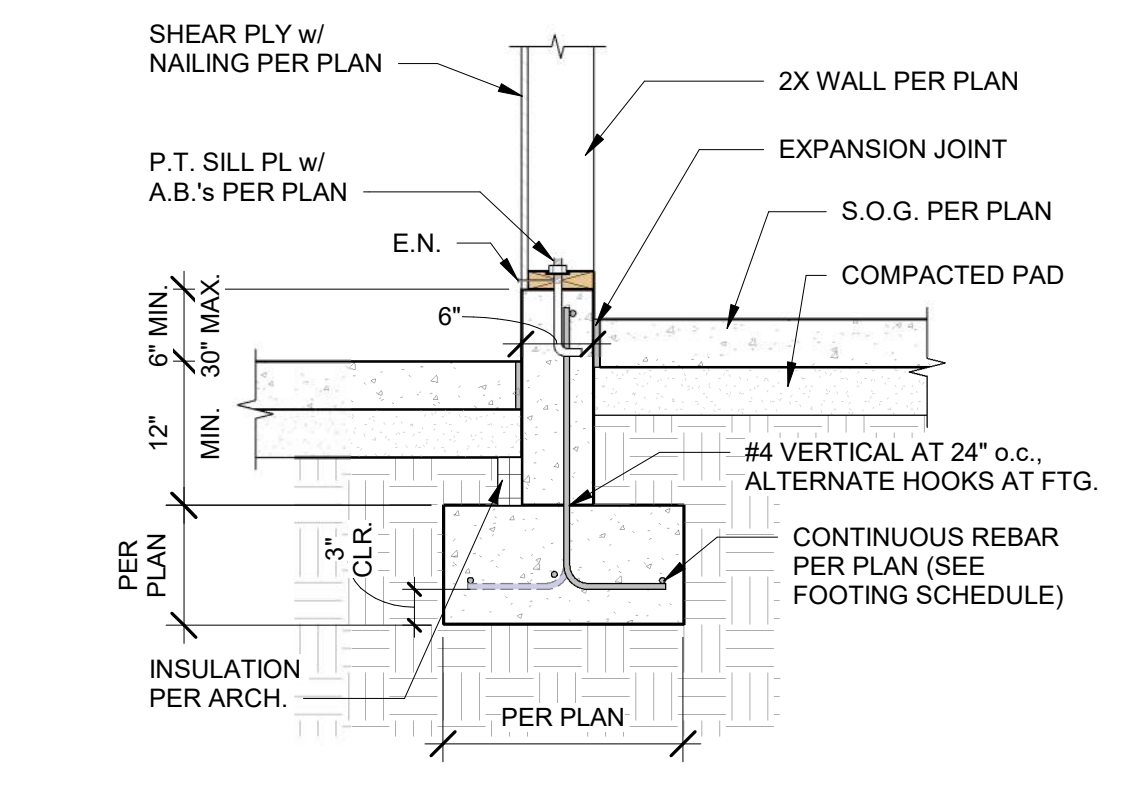
6 DETAIL
3/4" = 1'-0" 110-302M-n



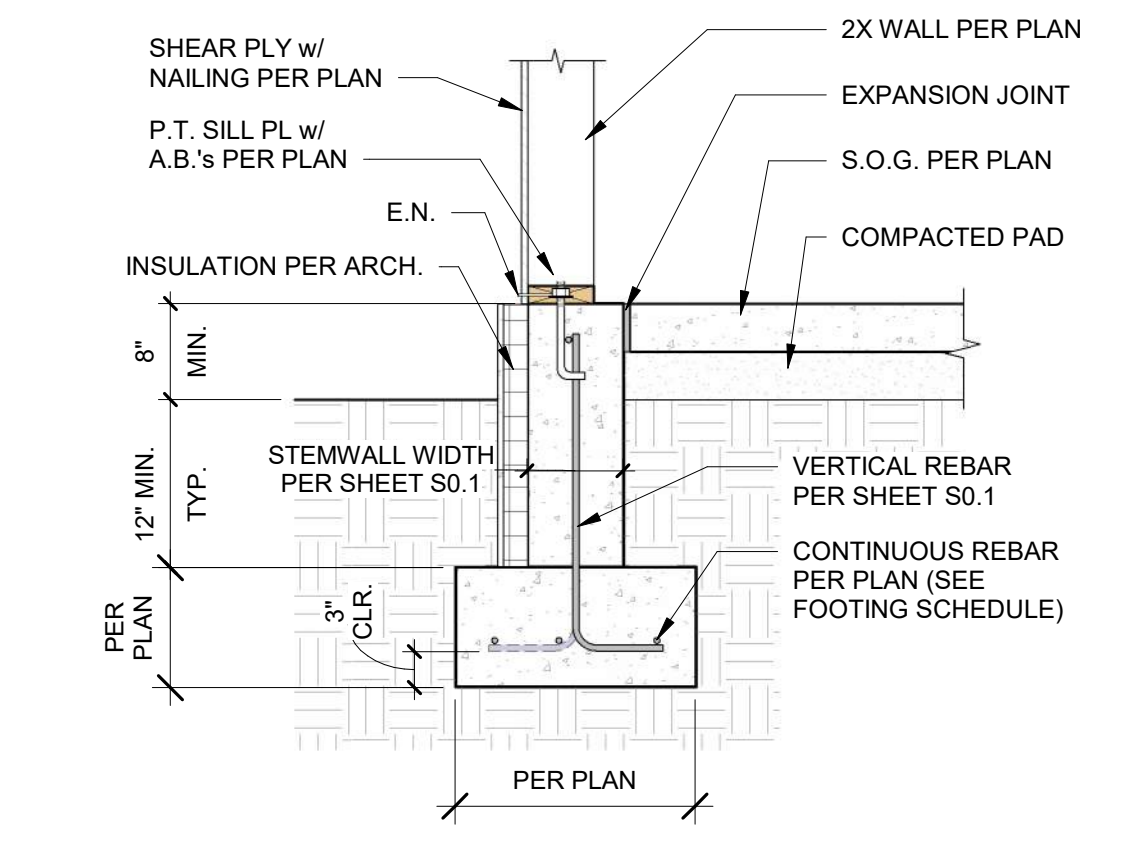
2 DETAIL
3/4" = 1'-0" 1000-019



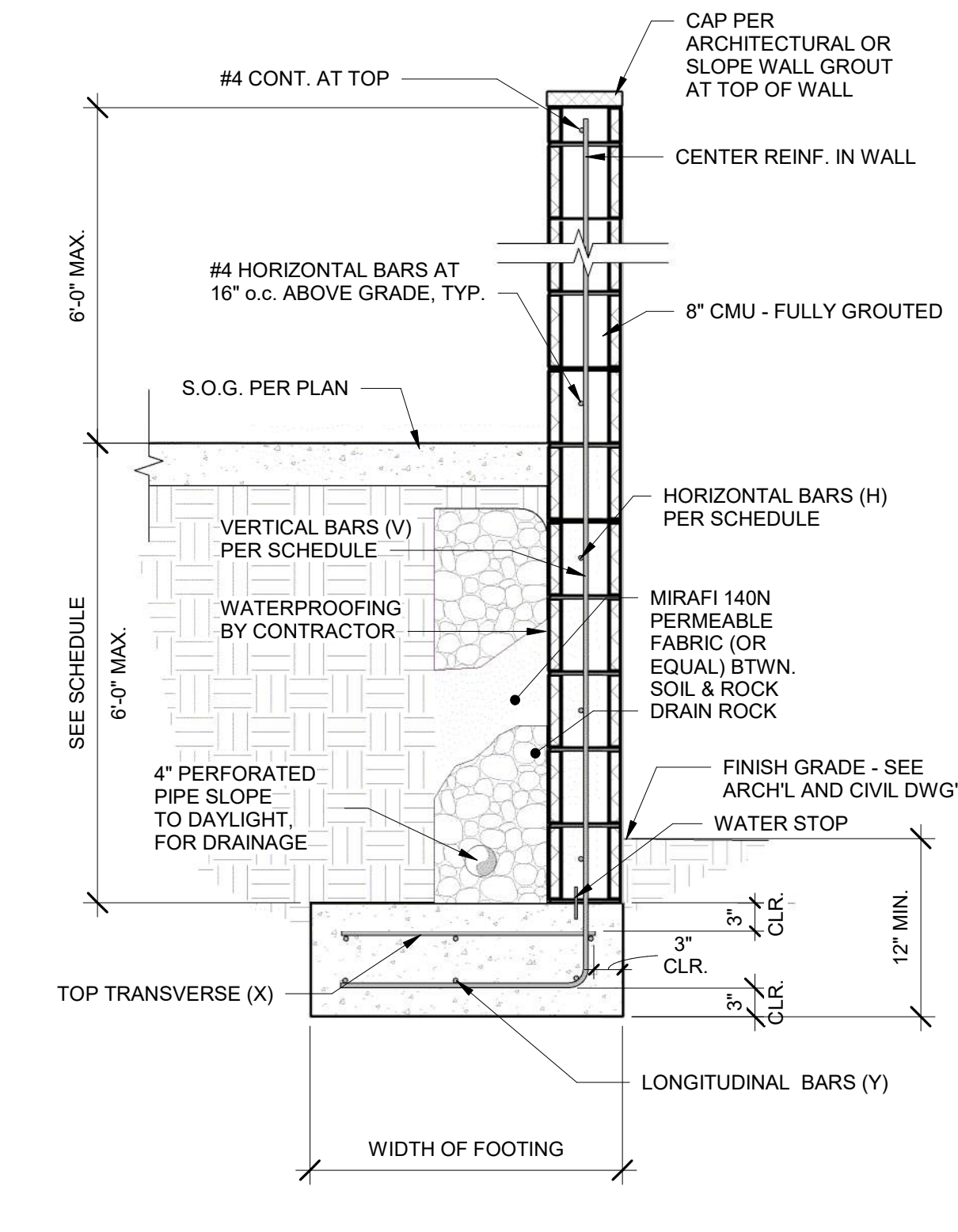
9 DETAIL
3/4" = 1'-0" 110-302



5 DETAIL
3/4" = 1'-0" 110-302M



4 DETAIL
3/4" = 1'-0" 110-302

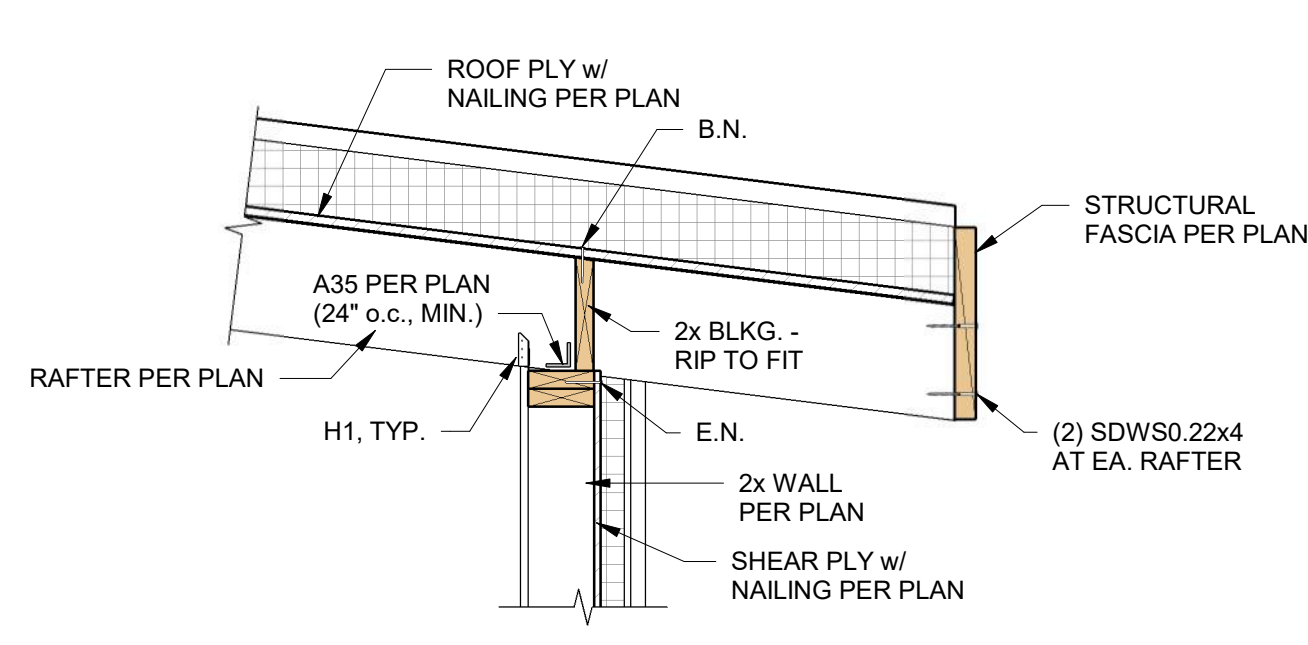


1 8" CMU RETAINING WALL DETAIL
3/4" = 1'-0" 1000-005

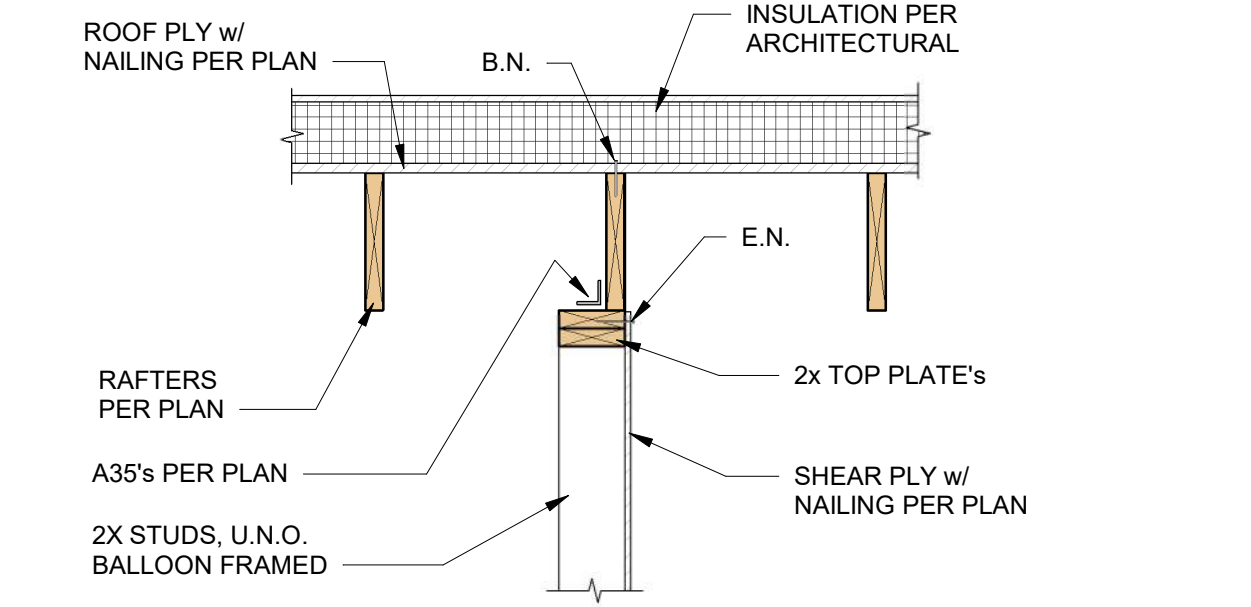
FOOTING DIMENSIONS	
A	WIDTH DEPTH
3'	42" 12"
4'	54" 12"
6'	78" 12"

FOOTING REINFORCEMENT	
A	(X) - TRANS. BARS (Y) - LONG. BARS
3'	#4 BARS AT 16" o.c. (6) #4 BARS CONT.
4'	#4 BARS AT 16" o.c. (8) #4 BARS CONT.
6'	#4 BARS AT 16" o.c. (10) #4 BARS CONT.

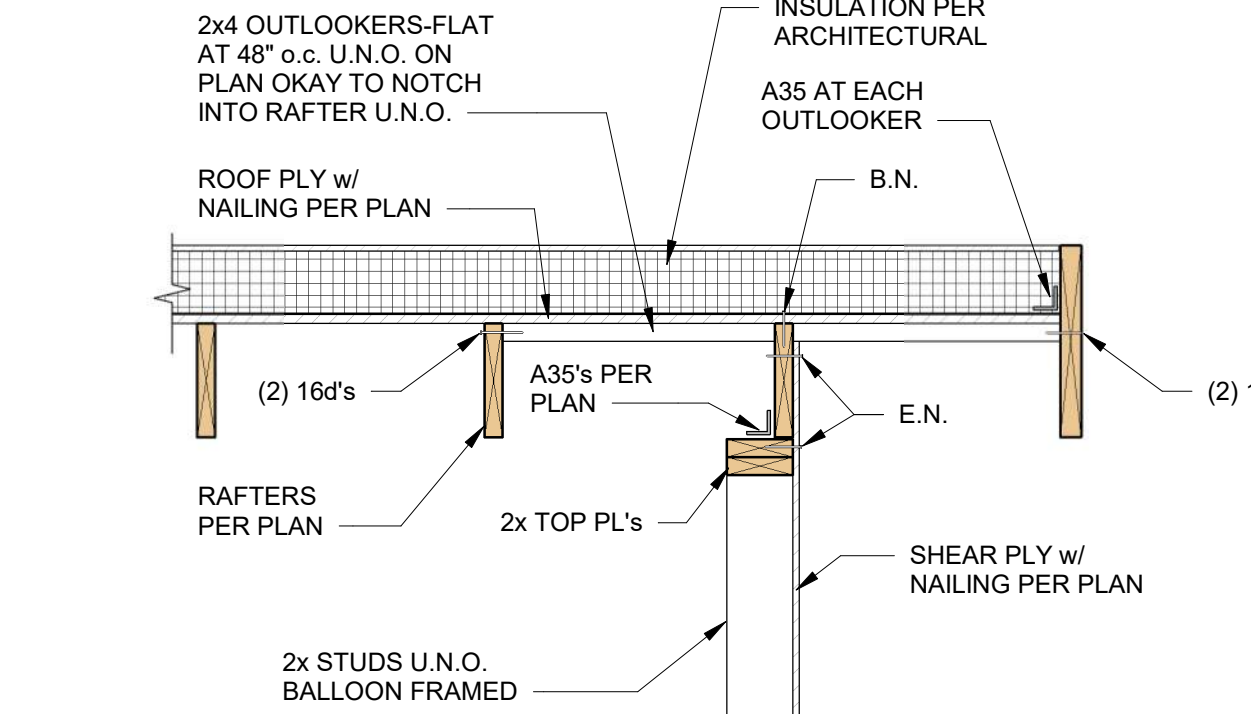
WALL REINFORCEMENT	
A	(V) - VERT. BARS (H) - HOR. BARS
3'	#4 BARS AT 16" o.c. #4 BARS AT 16" o.c.
4'	#4 BARS AT 16" o.c. #4 BARS AT 16" o.c.
6'	#4 BARS AT 8" o.c. #4 BARS AT 16" o.c.



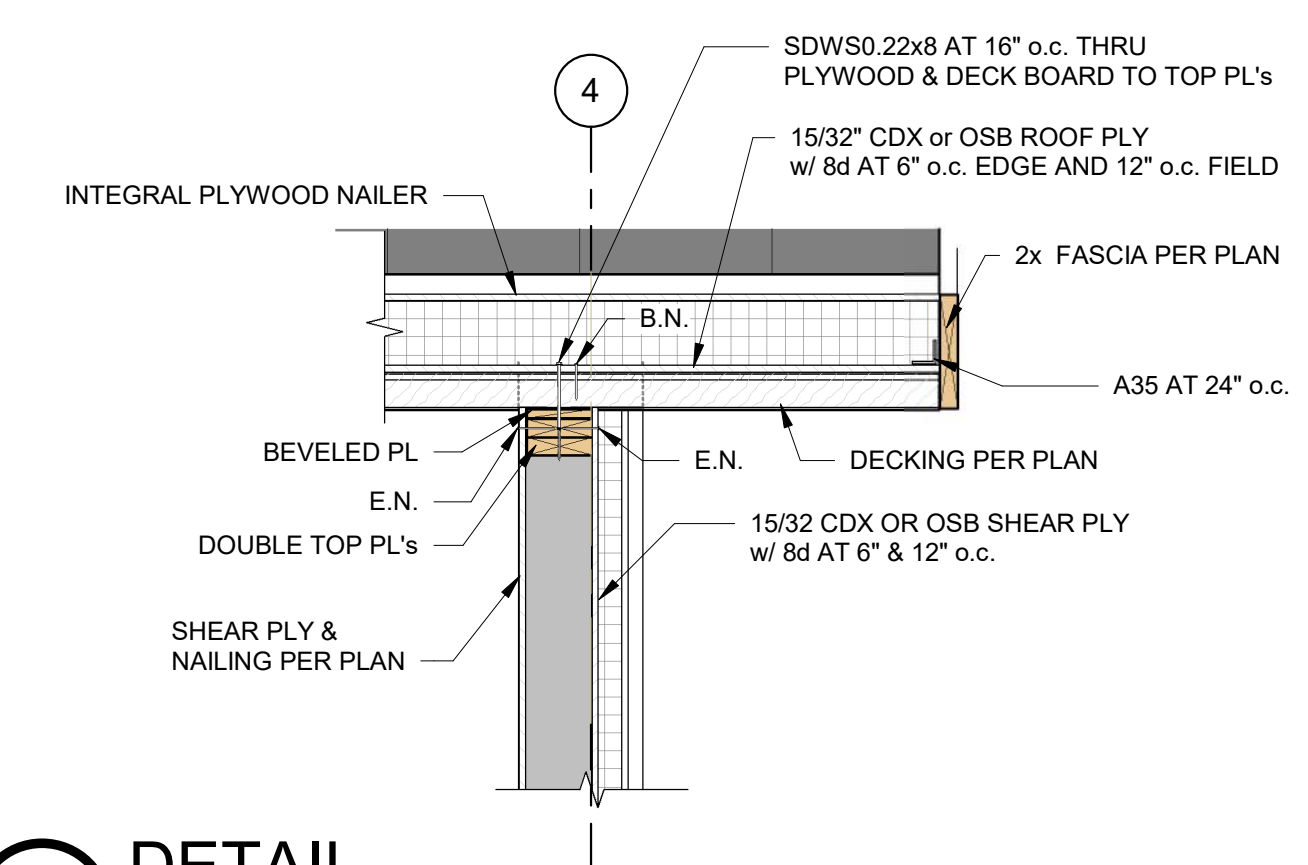
17 DETAIL
3/4" = 1'-0"
320-104M



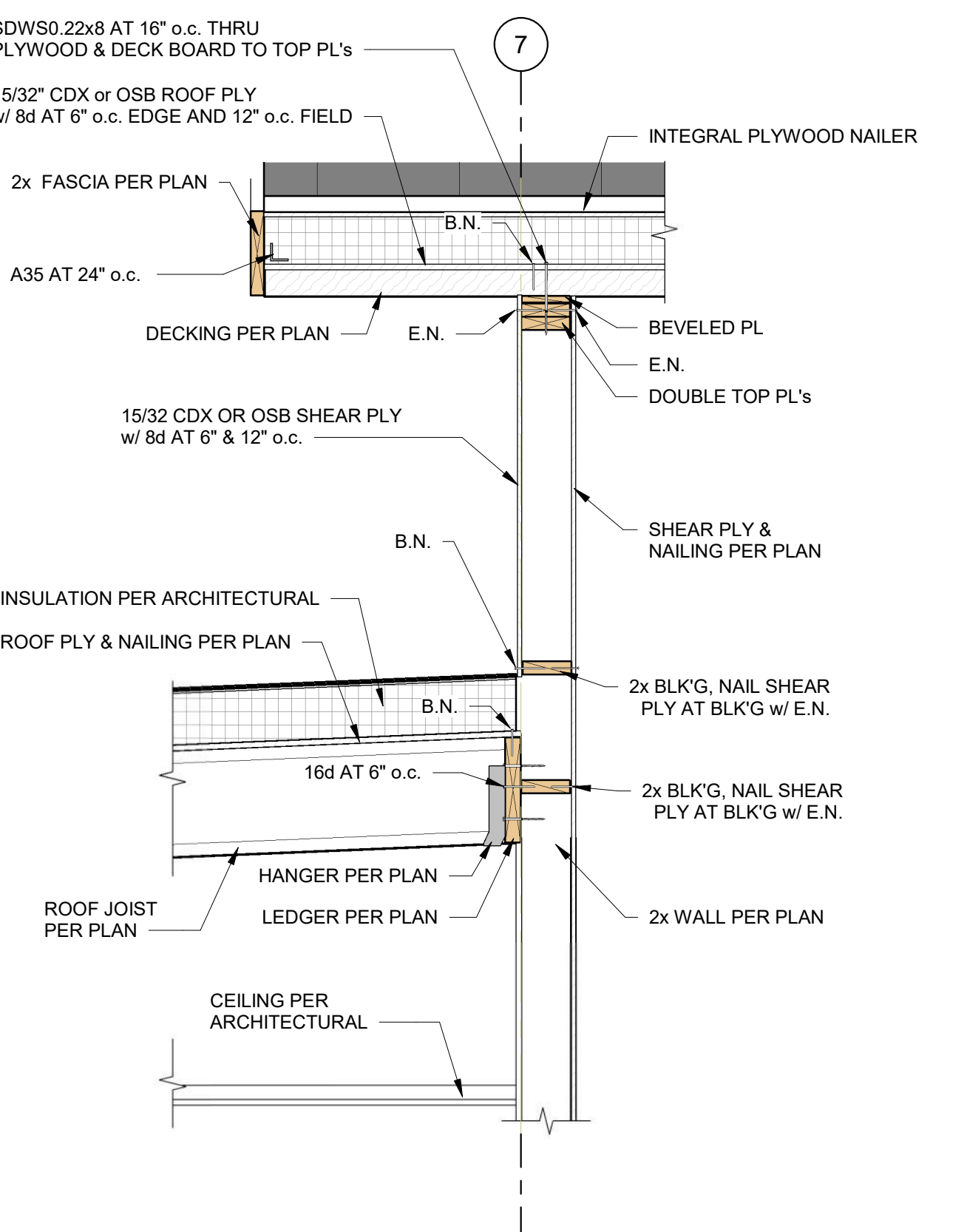
16 DETAIL
3/4" = 1'-0"
310-202



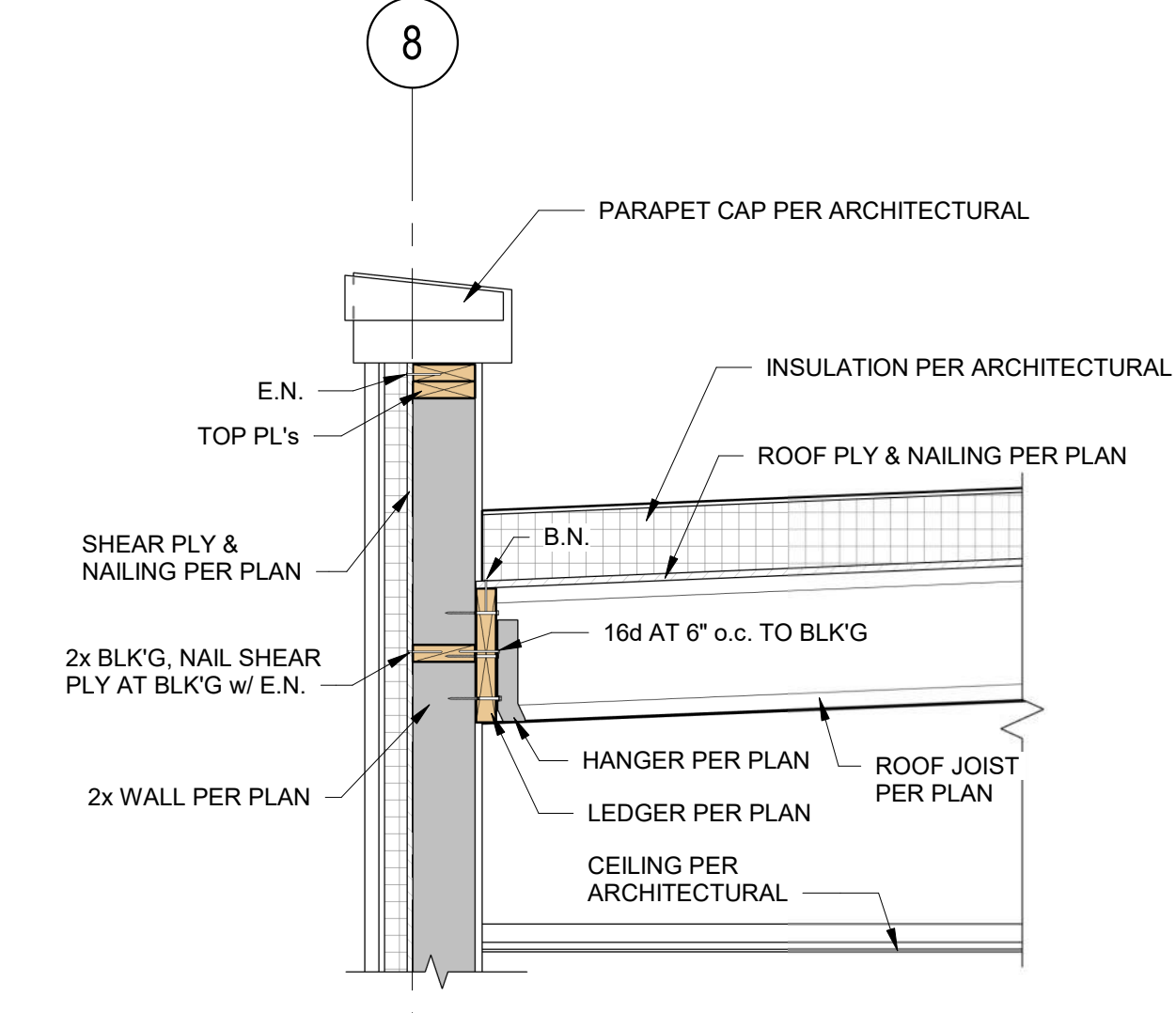
15 DETAIL
3/4" = 1'-0"



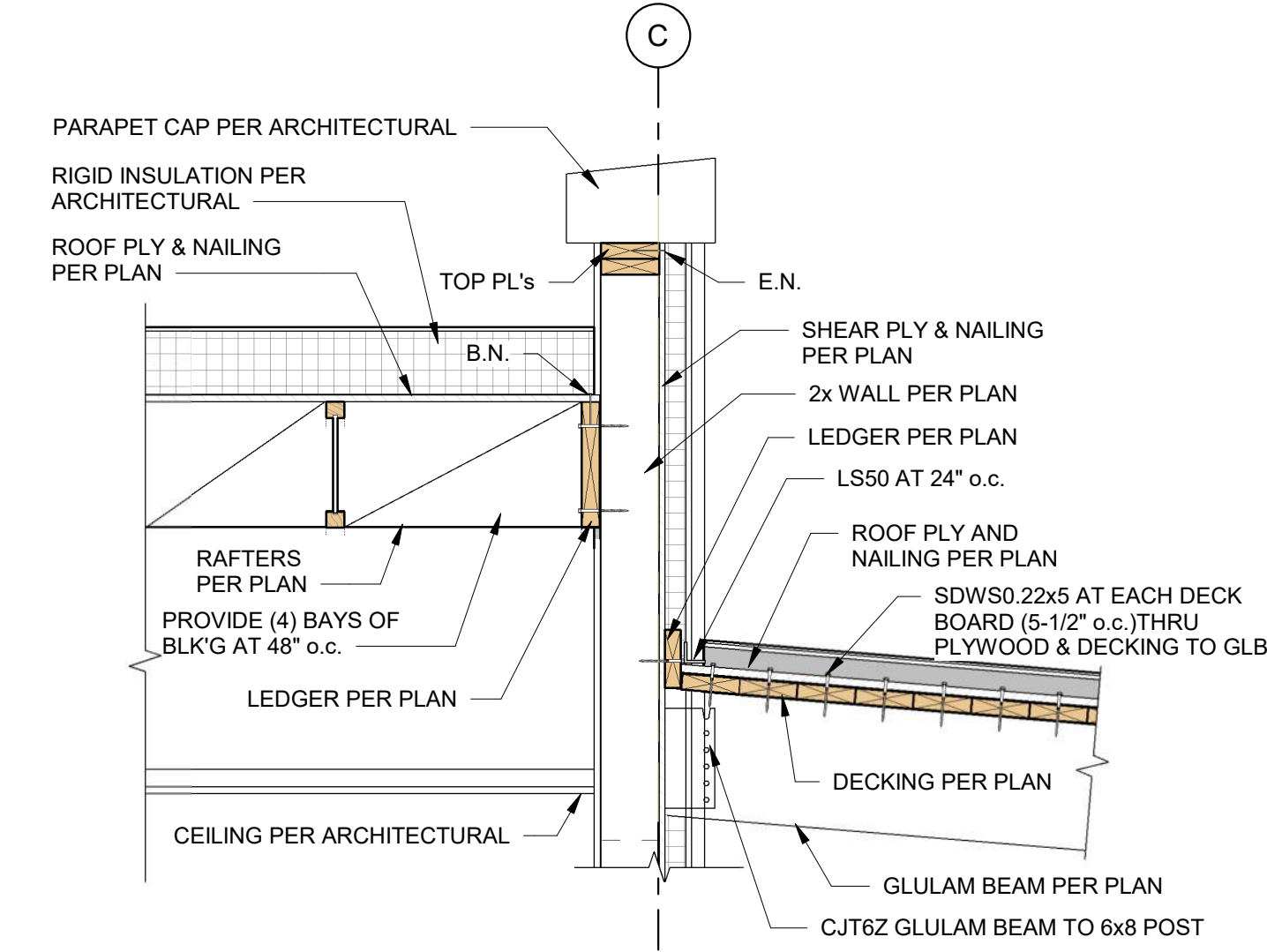
14 DETAIL
3/4" = 1'-0"



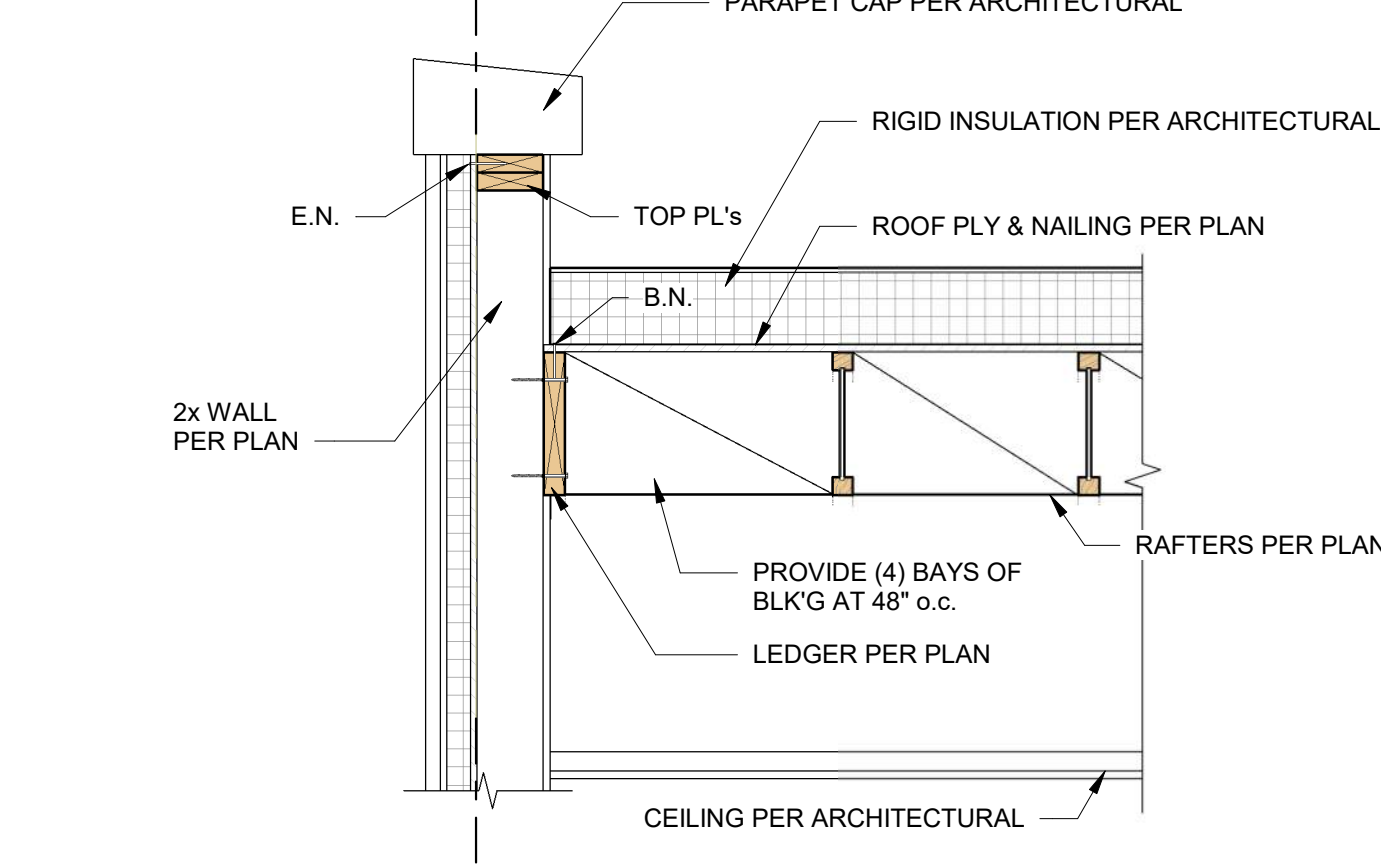
13 DETAIL
3/4" = 1'-0"
240-020M



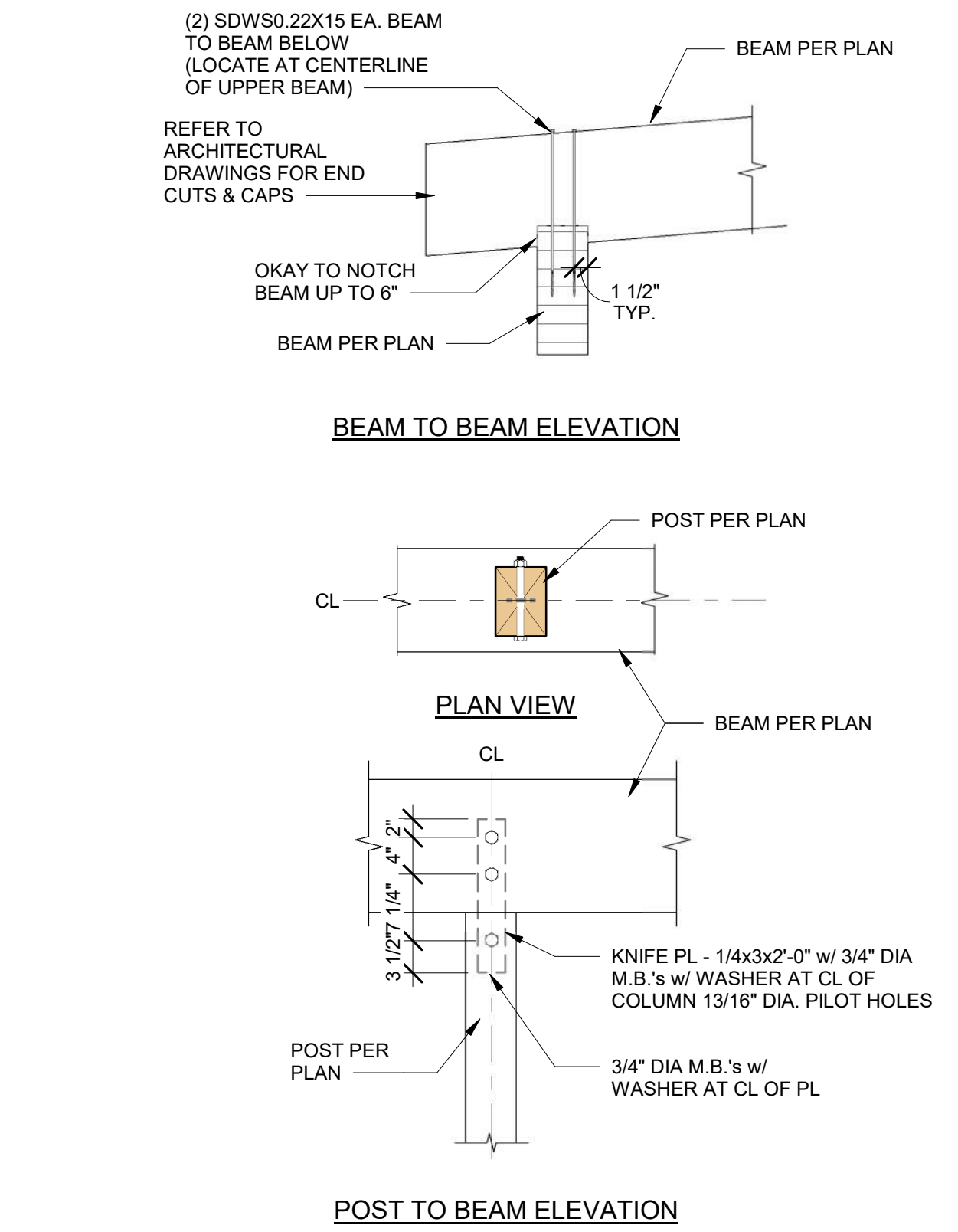
12 DETAIL
3/4" = 1'-0"



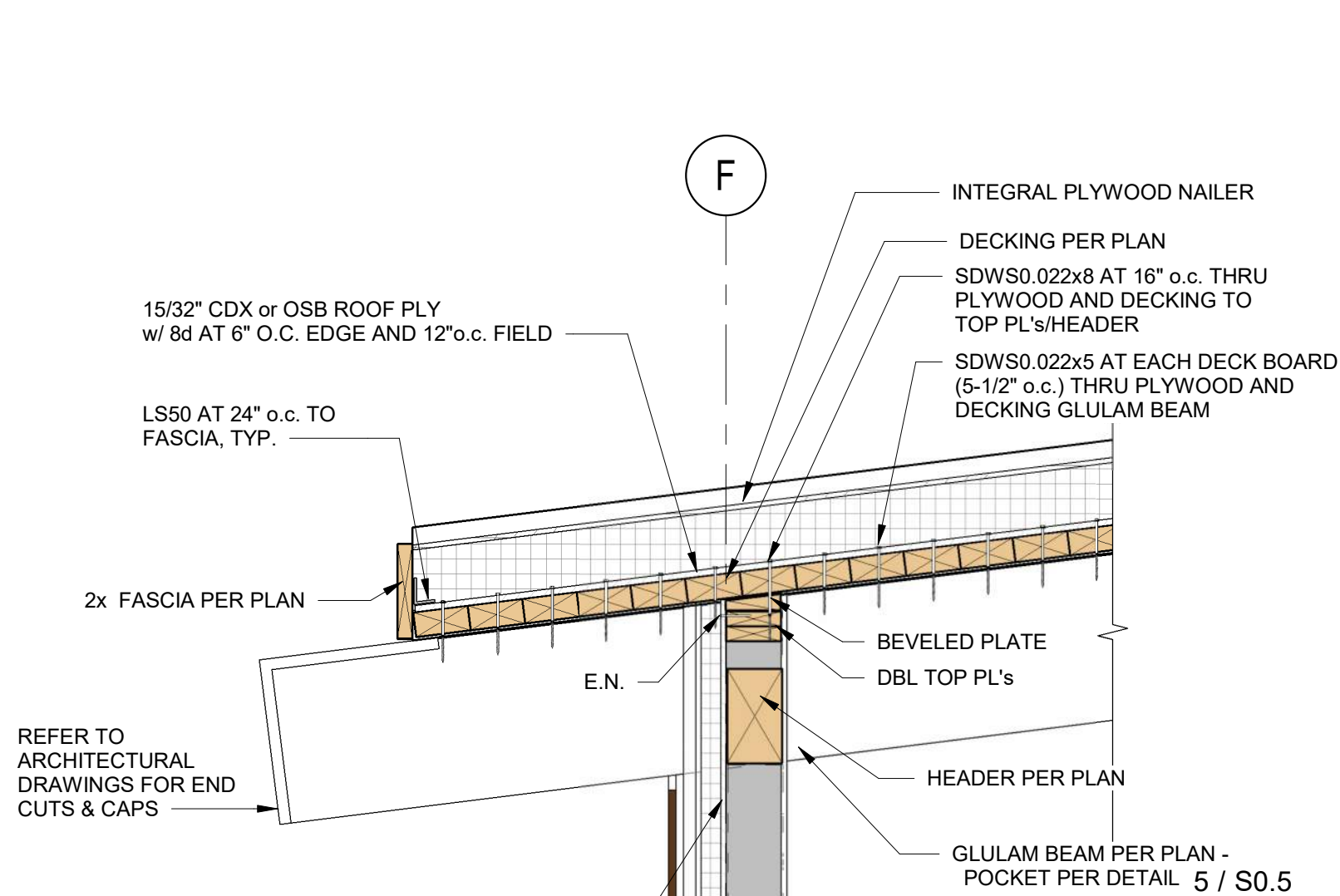
11 DETAIL
3/4" = 1'-0"



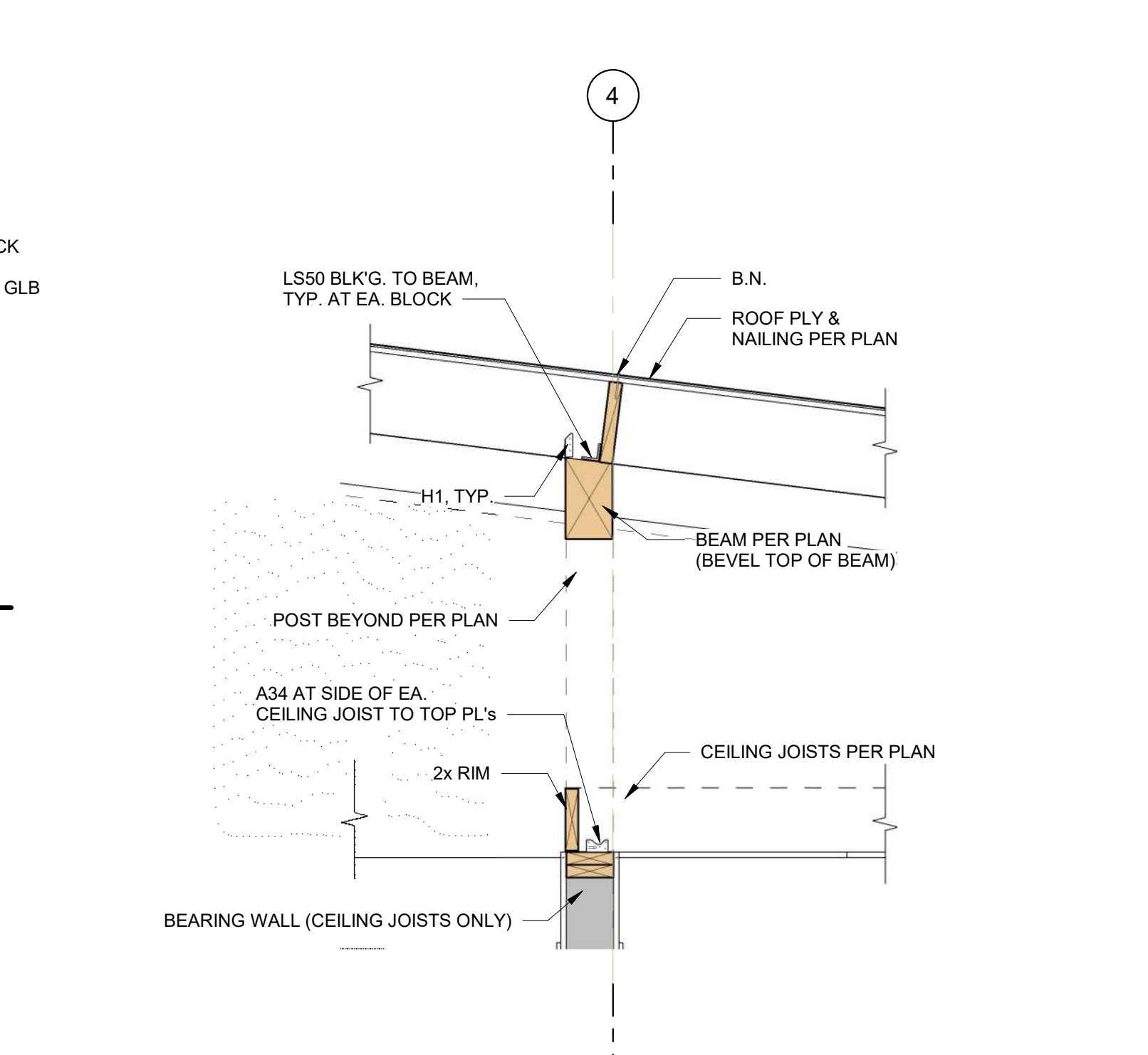
10 DETAIL
3/4" = 1'-0"



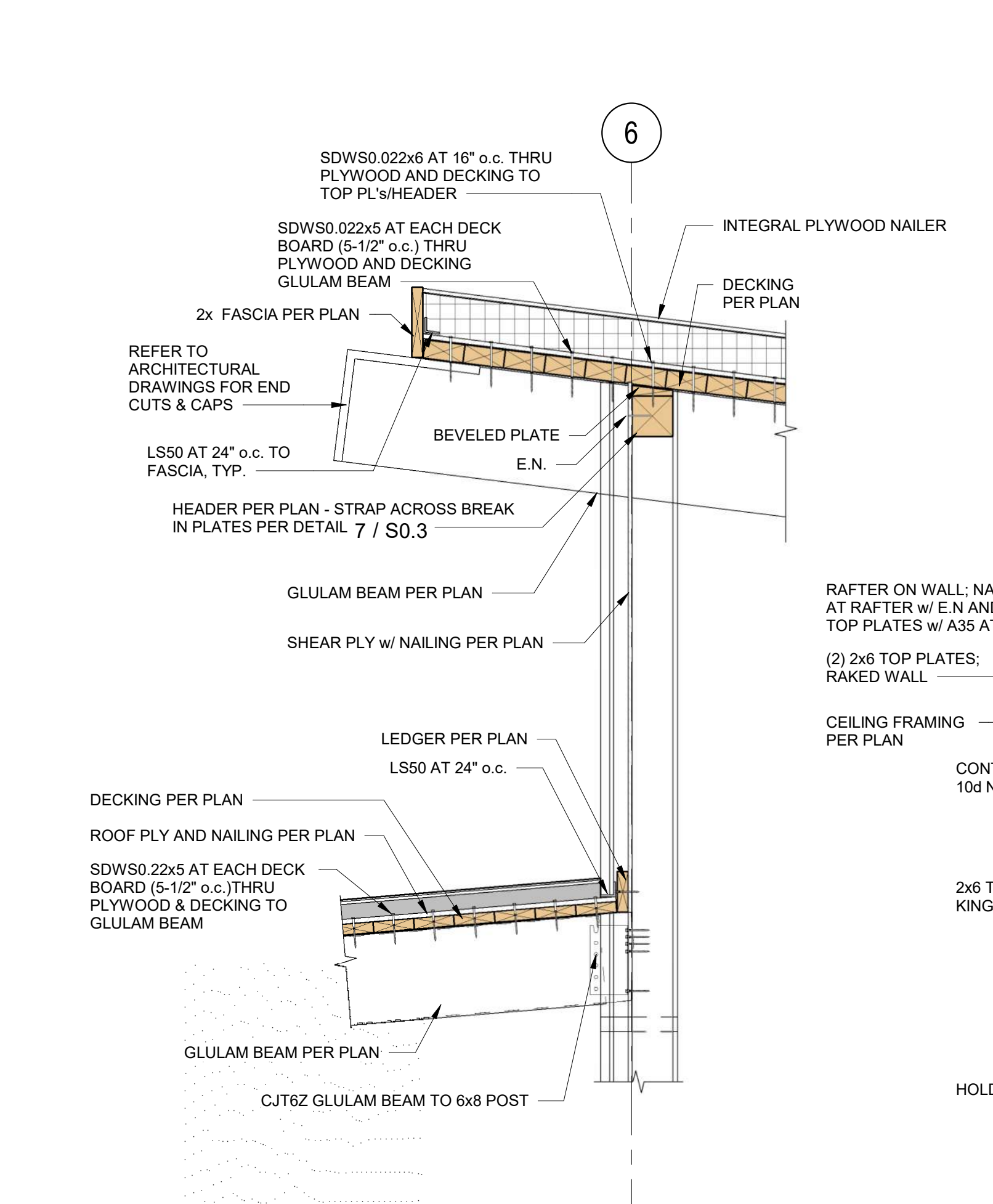
9 DETAIL
3/4" = 1'-0"



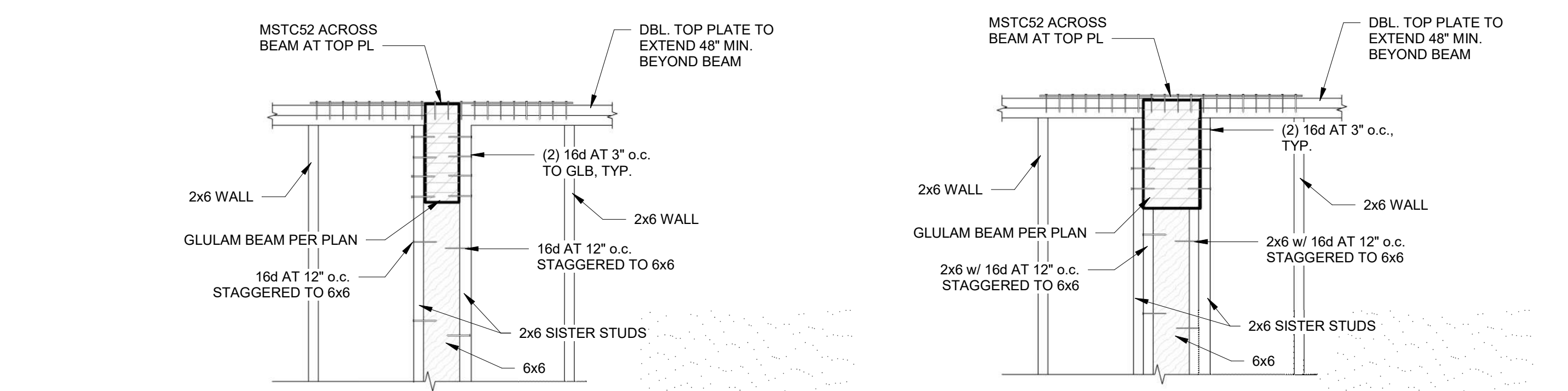
8 DETAIL
3/4" = 1'-0"



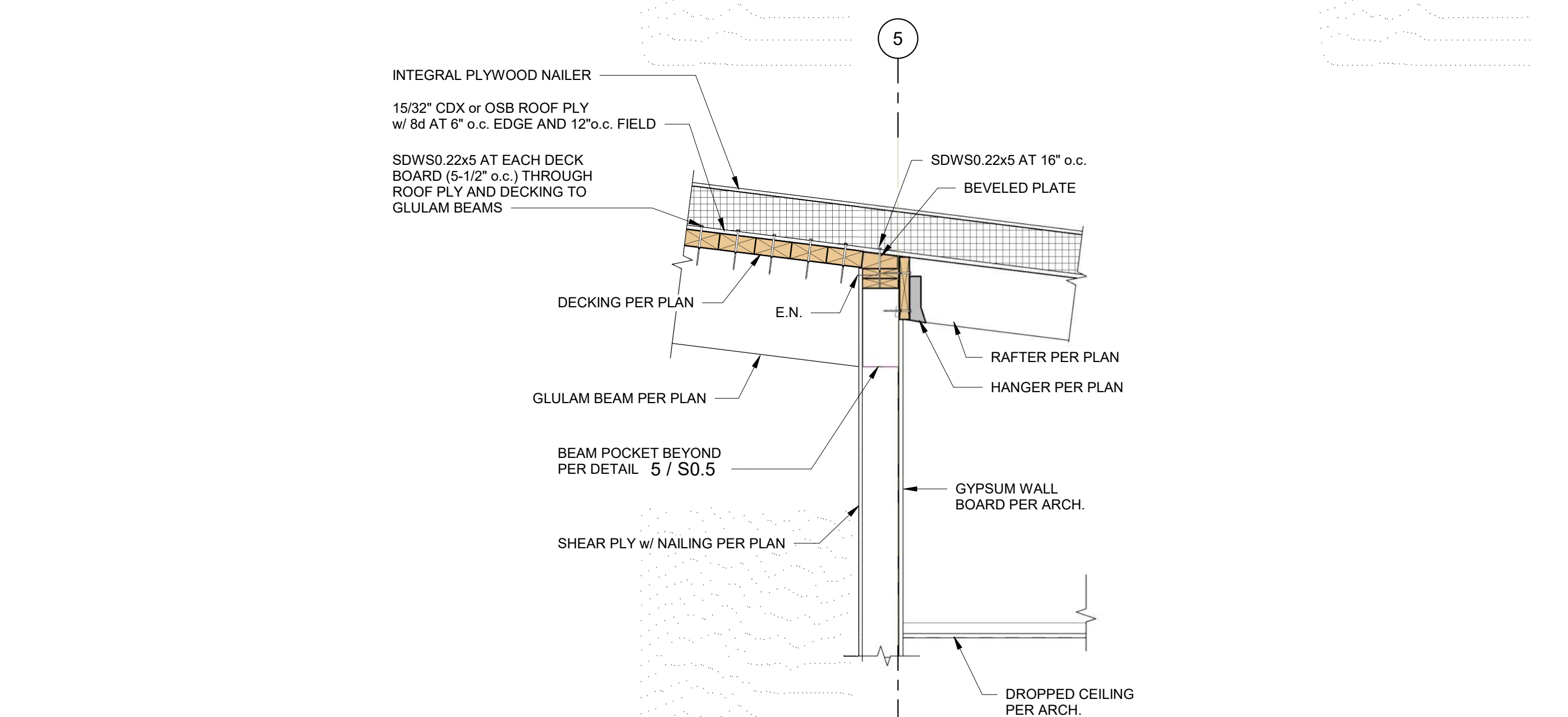
7 DETAIL1
3/4" = 1'-0"



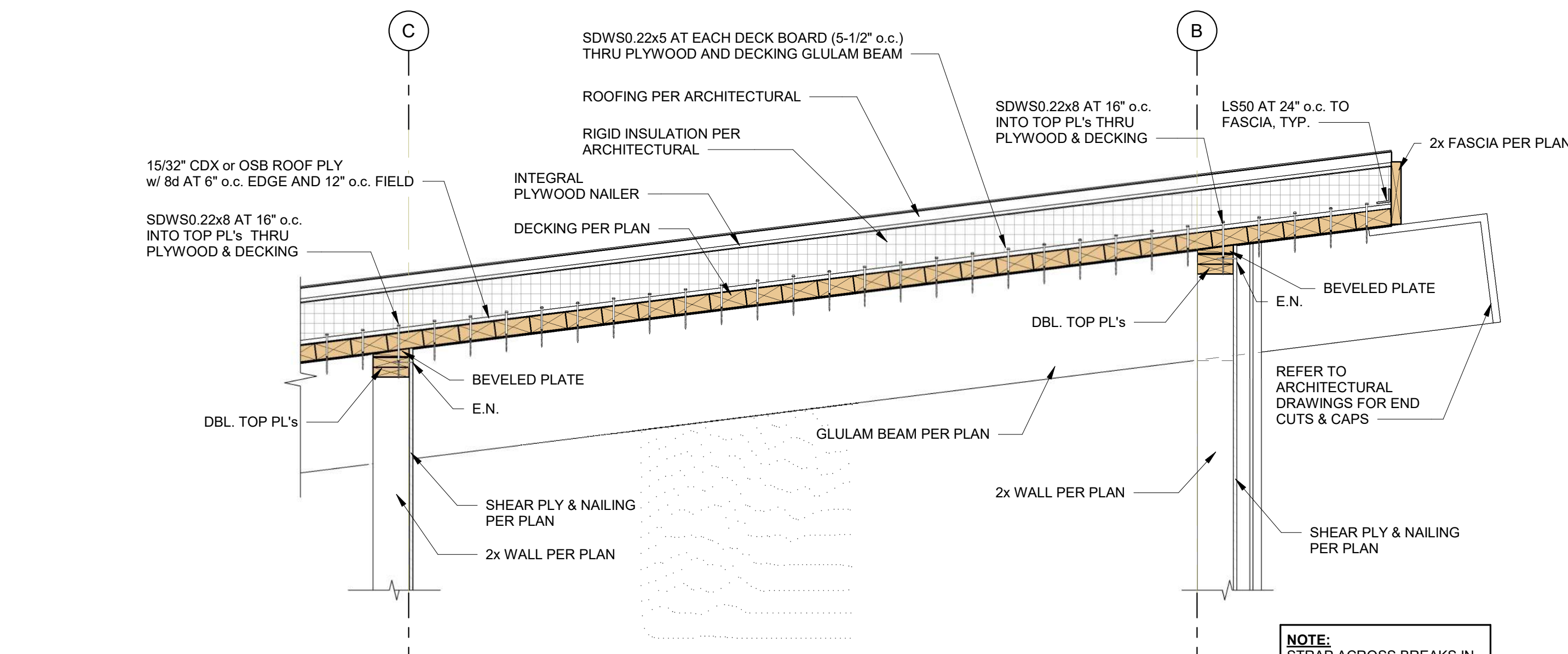
6 DETAIL
3/4" = 1'-0"



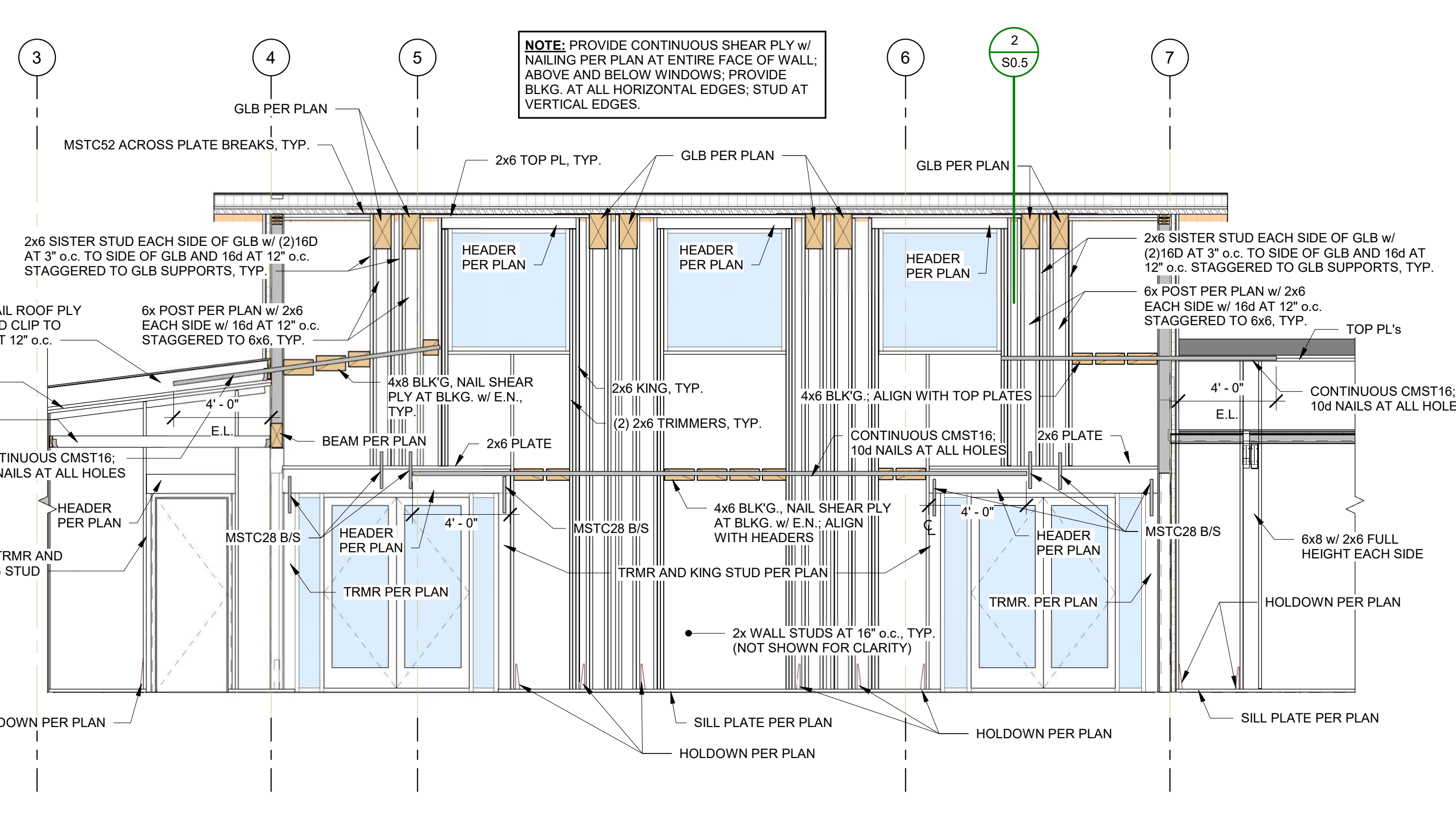
5 DETAIL
3/4" = 1'-0"



4 DETAIL
3/4" = 1'-0"



3 DETAIL
3/4" = 1'-0"



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

REVISIONS			
No.	Date	Description	By

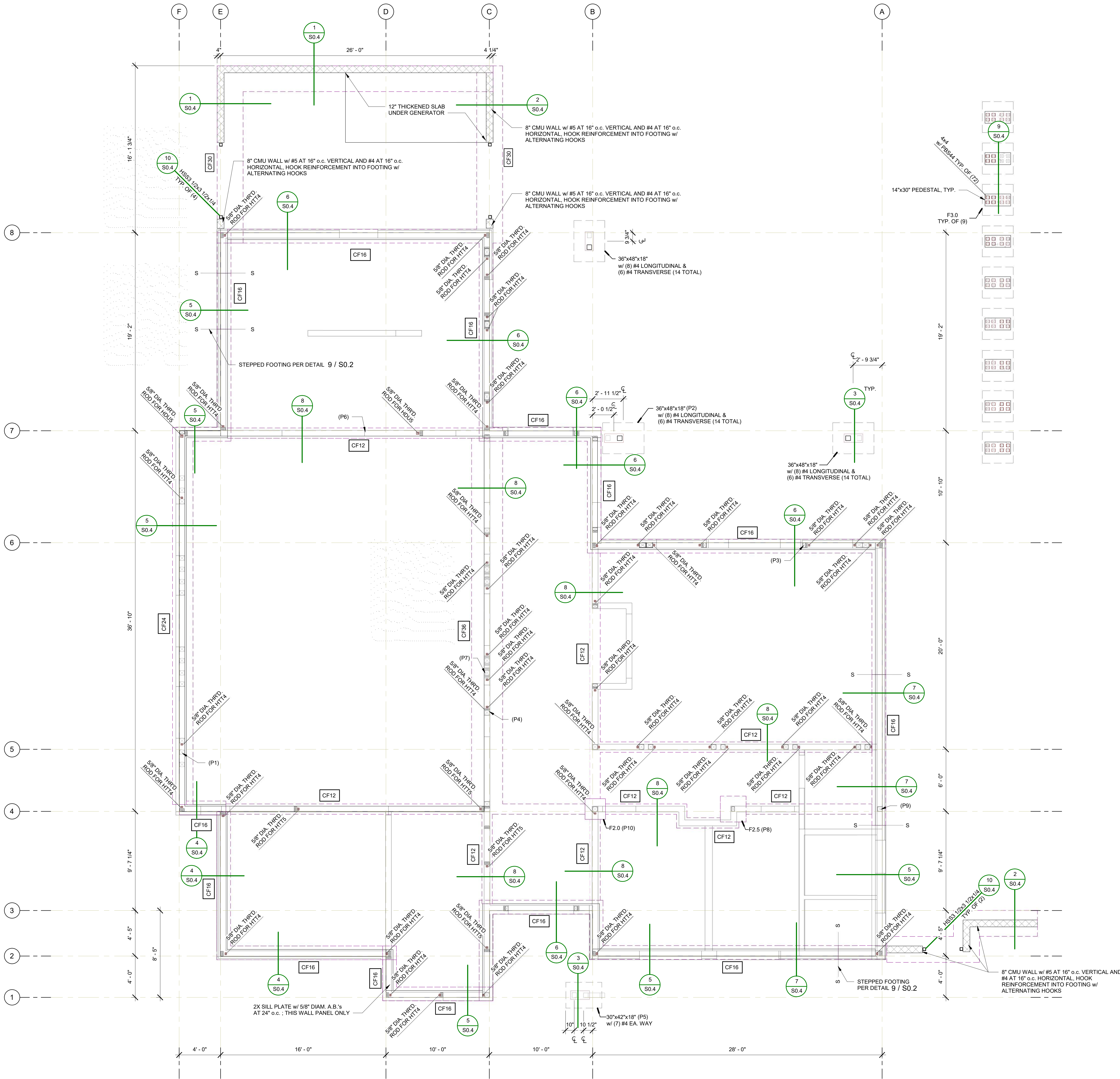
DEI
engineers
Dungan Engineering, Inc.
4790 Caughlin Parkway #766, Reno, NV 89519
P: 775.339.2733 | F: 888.873.0900 | W: DEIengineers.com

STRUCTURAL ONLY
REGISTERED PROFESSIONAL ENGINEER
DUNGAN ENGINEERING, INC.
No. 0047236
Exp. 12-31-25
CIVIL
STATE OF CALIFORNIA
12/6/2024 3:44:14 PM

John Haynes Veterans Memorial Building
483 Conger Street
Garberville, CA 95542
Humboldt County
APN: 032-011-066-00

DRAWN BY KMD	CHECKED BY BDD	DATE 12/6/24	SCALE AS NOTED	JOB NO. B24180	SHEET NO.
DETAILS					
S0.5					
SHEET of SHEETS					

100% CONSTRUCTION DOCUMENT PLEASE RECYCLE



FOUNDATION NOTES

SILLS & PADS:
2x PRESSURE TREATED LUMBER, TYP., U.N.O., TIMBERSTRAND LSL TREATED SILL PL'S PER ICC-ES ESR-1387.

ANCHOR BOLTS:
5/8" DIAMETER A.B. AT 4'-0" o.c. MAX. U.N.O. (2) ANCHOR BOLTS PER BOARD MIN. 12" FROM ENDS MAX. ANCHOR BOLTS EMBEDDED 7" MIN. INTO CONCRETE. SEE DETAIL 14/S0.2 FOR EXISTING CONCRETE CONDITIONS.

DIMENSIONS:
BUILDING DIMENSIONS SHOWN ARE FOR GENERAL REFERENCE ONLY. SEE THE ARCHITECTURAL DRAWINGS (S.A.D.) FOR ACTUAL BUILDING DIMENSIONS. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND ARCHITECT SO CLARIFICATION CAN BE MADE. ALL DIMENSIONS SHALL BE VERIFIED BY THE CONTRACTOR AND SUBMITTED IN WRITING TO THE ENGINEER AND ARCHITECT FOR REVIEW PRIOR TO CONSTRUCTION.

NOTE: SEE STRUCTURAL FLOOR PLANS FOR LOCATION OF HOLDDOWNS.

PIER SCHEDULE

MARK	WIDTH (each side)	DEPTH	STEEL (each way)
F2.0	24"	10"	(3) #4's
F2.5	30"	12"	(4) #4's
F3.0	36"	12"	(4) #4's

CONT. FOOTING SCHEDULE

SYMBOL	WIDTH	DEPTH (ft.o.c.)	STEEL (continuous)
CF12	12"	8"	(2) #4's
CF16	16"	8"	(2) #4's
CF24	24"	8"	(2) #4's
CF36	36"	12"	(4) #4's or (3) #5's

- 8" WIDE STEMWALL w/ (1) #4 CONTINUOUS TOP AND #4 AT 48" o.c. VERTICAL HOOK AT FOOTING (ALTERNATE HOOKS). IF THE TOP OF STEMWALL EXCEEDS 36" ABOVE THE TOP OF FOOTING, USE #4 AT 18" o.c. HORIZONTAL CONTINUOUS AND #4 AT 24" o.c. VERTICAL.
 - PROVIDE #4 VERTICALS AT 48" o.c. FOR TYPICAL STEM, HOOK AT FOOTING (ALTERNATE HOOKS).
 - ALL FOOTINGS SHALL BEAR ON UNDISTURBED SOIL, ASSUMED SOIL BEARING PRESSURE IS DETERMINED IN ACCORDANCE W/ IBC TABLE 1806.2. UNLESS SOIL REPORT IS PROVIDED.
 - EXTERIOR FOOTINGS TO BE PLACED 24" BELOW GRADE PER APPLICABLE CODES.
- NOTE:** SEE DETAILS FOR SPECIAL REINFORCING OF STEMWALL AND FOOTINGS.

HOLDOWN SCHEDULE NOTES

HOLDOWN	THREADED ROD-ANCHOR BOLT	HOLDOWN STUD
HTT4 ALT. OPTION: HDU4	5/8" DIA. w/ 18" EMBED INTO STEMWALL	(2) 2x, U.N.O.
HTT5 ALT. OPTION: HDU5	5/8" DIA. w/ 24" EMBED INTO STEMWALL	(2) 2x, U.N.O.

HOLDOWN INFORMATION

- ALL HOLDDOWNS TO BE SCREWED OR NAILED TO DOUBLE STUDS, U.N.O.
- PROVIDE (1) #4 HORIZONTAL AT TOP OF STEMWALL AT ALL HOLDOWN ANCHOR BOLTS
- HOLDOWN ANCHOR BOLTS ARE DESIGNED FOR UPLIFT ONLY STANDARD MUDSILL ANCHOR BOLTS ARE REQUIRED (SPACING PER PLAN).
- USE RIM & BLOCKING OR DOUBLE SOLID BLOCKING AT HOLDOWN HTT4, HTT5, HDU5, HDU8, AND HD08.
- USE VERTICAL GRAIN SOLID BLOCKING TO MATCH HOLDOWN STUD AT HOLDOWN HDH011, HDH014, HDU14 AND HD16.
- NAIL (2) 2x STUDS TOGETHER w/ 16ds AT 4" o.c. STAGGERED. LOCATE NAILS 3" MIN. FROM END OF STUDS AND PROVIDE 1" MIN. EDGE DISTANCE

* SEE HOLDOWN ANCHOR BOLT SCHEDULE SHEET S0.1 FOR SIMPSON SSTB BOLTS.

REVISIONS

No.	Date	Description	By

DEI
Dungan Engineering, Inc.
4790 Caughlin Parkway #766, Reno, NV 89519
P: 775.329.2733 | F: 888.873.0901 | W: DEIengineers.com

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REGISTERED PROFESSIONAL ENGINEER
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Humboldt County
APN: 032-011-066-000

DRAWN BY
KMD

CHECKED BY
BDD

DATE
12/6/24

SCALE
AS NOTED

JOB NO.
B24180

SHEET NO.

FOUNDATION PLAN

S1.1

SHEET of SHEETS

100% CONSTRUCTION DOCUMENT

PLEASE RECYCLE

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



SHEAR WALL SCHEDULE NOTES

SYMBOL	SHEAR PLY	E.N. SPACING	3x STUDS AT ADJOINING PANEL EDGES	16d SPACING AT SHEAR TRANSFER
6	3/8"	8d AT 6"	NO	6" o.c.
4	3/8"	8d AT 4"	NO	4" o.c.
3	3/8"	8d AT 3"	YES	3" o.c. STAG.
2	3/8"	8d AT 2"	YES	2" o.c. STAG.

- Use Common Nails, Field Nail AT 12" o.c., U.N.O.
- Use 3/8" Shear Ply, OSB, or Rated Equivalent U.N.O.
- Edge Nail AT Top Plate, Mud Sill, All Posts, Sole Plates, & All Studs w/ Holddowns.
- Use (12) 16d Nails AT All Top Plate Splices (60" Long) U.N.O. Per Detail S/S0.3.
- Use SIMPSON MSTC52 To Strap Top PL's Across Breaks, U.N.O. Per Detail 7/S0.3.
- Provide Blocking AT All Horizontal Edges of Shear Plywood.
- See standard details for nailing of plywood shear and siding.

NOTE:
Shear wall schedule includes all shear options. See plan for specific requirements.

HOLDOWN SCHEDULE NOTES

HOLDOWN	THREADED ROD-ANCHOR BOLT	HOLDOWN STUD
HTT4	5/8" DIA. w/ 18" EMBED INTO STEMWALL	(2) 2x, U.N.O.
HTT5	5/8" DIA. w/ 24" EMBED INTO STEMWALL	(2) 2x, U.N.O.

HOLDOWN INFORMATION

- ALL HOLDOWNS TO BE SCREWED OR NAILED TO DOUBLE STUDS, U.N.O.
- PROVIDE (1) #4 HORIZONTAL AT TOP OF STEMWALL AT ALL HOLDOWN ANCHOR BOLTS.
- HOLDOWN ANCHOR BOLTS ARE DESIGNED FOR UPLIFT ONLY. STANDARD MUDSILL ANCHOR BOLTS ARE REQUIRED (SPACING PER PLAN).
- USE RIM & BLOCKING OR DOUBLE SOLID BLOCKING AT HOLDOWN HTT4, HTT5, HDU5, HDU8, AND HDQ8.
- USE VERTICAL GRAIN SOLID BLOCKING TO MATCH HOLDOWN STUD AT HOLDOWN HDQ11, HDQ14, HDU14 AND HD19.
- NAIL (2) 2x STUDS TOGETHER w/ 16d's AT 4" o.c. STAGGERED. LOCATE NAILS 3" MIN. FROM END OF STUDS AND PROVIDE 1" MIN. EDGE DISTANCE.

* SEE HOLDOWN ANCHOR BOLT SCHEDULE SHEET S0.1 FOR SIMPSON SSTB BOLTS.

REVISIONS

No.	Date	Description	By

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STRUCTURAL ONLY

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JOHN D. DUNGAN
No. 004728
Exp. 12-31-26
CIVIL
STATE OF CALIFORNIA

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John Haynes Veterans Memorial Building
483 Conger Street
Garberville, CA 95542
Humboldt County
APN: 032-011-066-000

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CHECKED BY BDD
DATE 12/6/24
SCALE AS NOTED
JOB NO. B24180
SHEET NO.

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STRUCTURAL PLAN

S1.2
SHEET of SHEETS

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

CEILING FRAMING NOTES

SUBFLOOR:
 3/4" PLYWOOD SHEATHING, EXPOSURE 1, T & G UNDERLAYMENT GRADE.
 APA SPAN RATED 24" o.c. or EQUIVALENT, LAID AT RIGHT ANGLES OVER FLOOR JOISTS. STAGGER JOINTS, GLUE & NAIL WITH 10d's AT 6" o.c. EDGE, 10" o.c. FIELD.

CEILING JOISTS:
 2x D.F. #2 CEILING JOISTS AT 16" o.c., U.N.O., INSTALLED PER MANUFACTURER'S SPECIFICATIONS AT RIGHT ANGLES OVER BEARING. DOUBLE UNDER PARALLEL WALLS. BLOCK ALL JOISTS AT BEARING POINTS PER MFR. SPECIFICATIONS.

GIRDERS OR BEAMS:

LVL'S, PSL'S AND LSL'S:

- ALL LVL'S SHALL HAVE Fb= 2600 PSI, Fv= 285 PSI, AND E= 2.0x10 PSI MIN. UNLESS NOTED OTHERWISE NAIL MULTI-PLY LVL'S w/ (3) 16d's AT 12" o.c.
- ALL PSL'S SHALL HAVE Fb=2000 PSI, Fv= 200 PSI, AND E=2.0x10 PSI MIN., U.N.O.
- ALL LSL'S SHALL HAVE Fb= 2325 PSI, Fv=310 PSI, AND E=1.55x10 PSI MIN. U.N.O., NAIL MULTI-PLY LVL'S w/ (3) 16d's AT 12" o.c.

HEADERS:
 6x10 ROSBORO MFG. TIMBER or DF #1 AT 2x6 WALLS TYP., U.N.O.
 4x10 ROSBORO MFG. TIMBER or DF #2 AT 2x4 WALLS TYP., U.N.O.

TRIMMERS:
 DBL. TRIMMERS AT OPENINGS GREATER THAN 5'-0" TYP., U.N.O.

POSTS:
 4x D.F. #2 AND 6x D.F. #1 (LOCATE AS NOTED)

METAL CONNECTORS:
 ALL HANGERS SPECIFIED ARE SIMPSON STRONG TIE OR EQUAL.

REVISIONS		
#	Date	Description

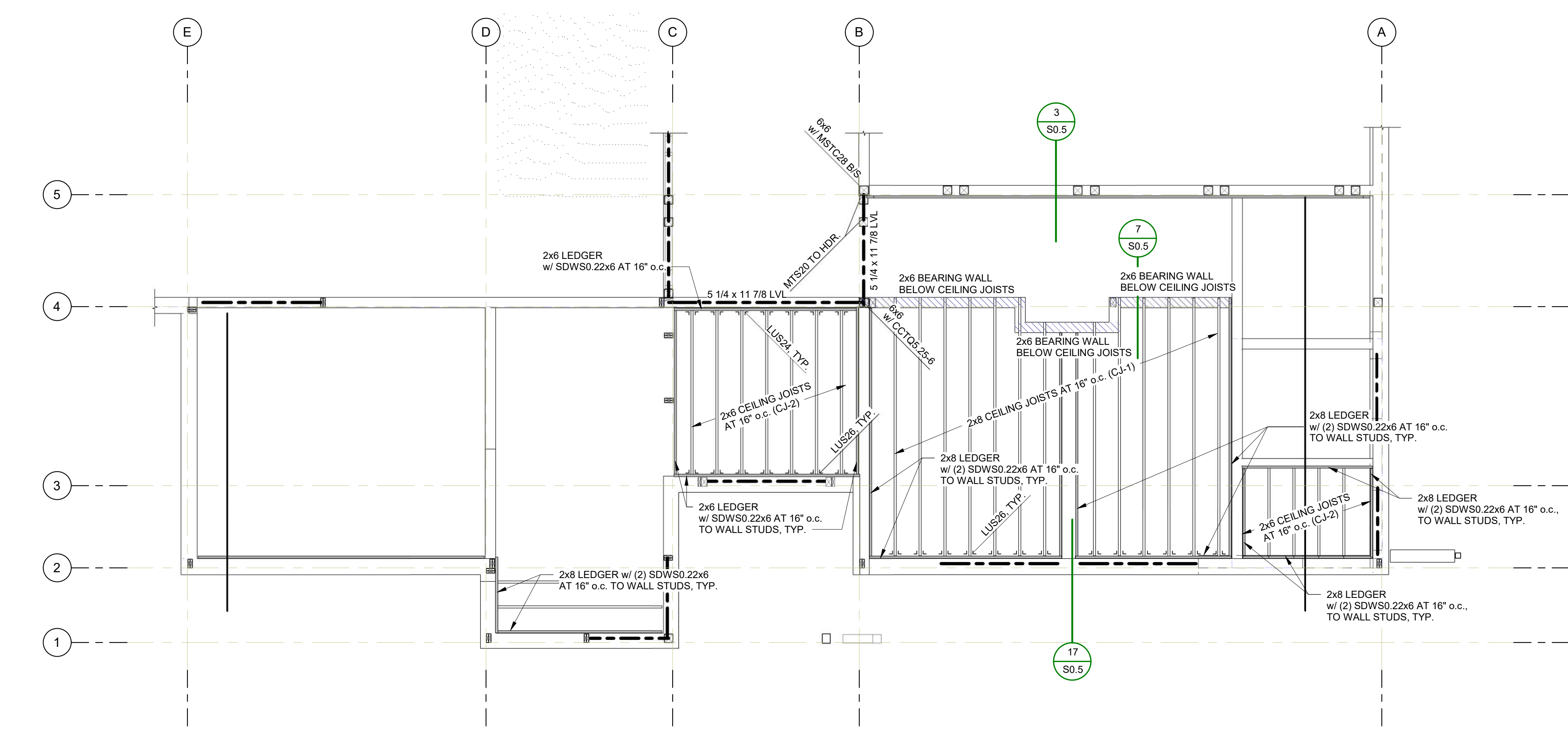
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CEILING FRAMING PLAN
 1/4" = 1'-0"

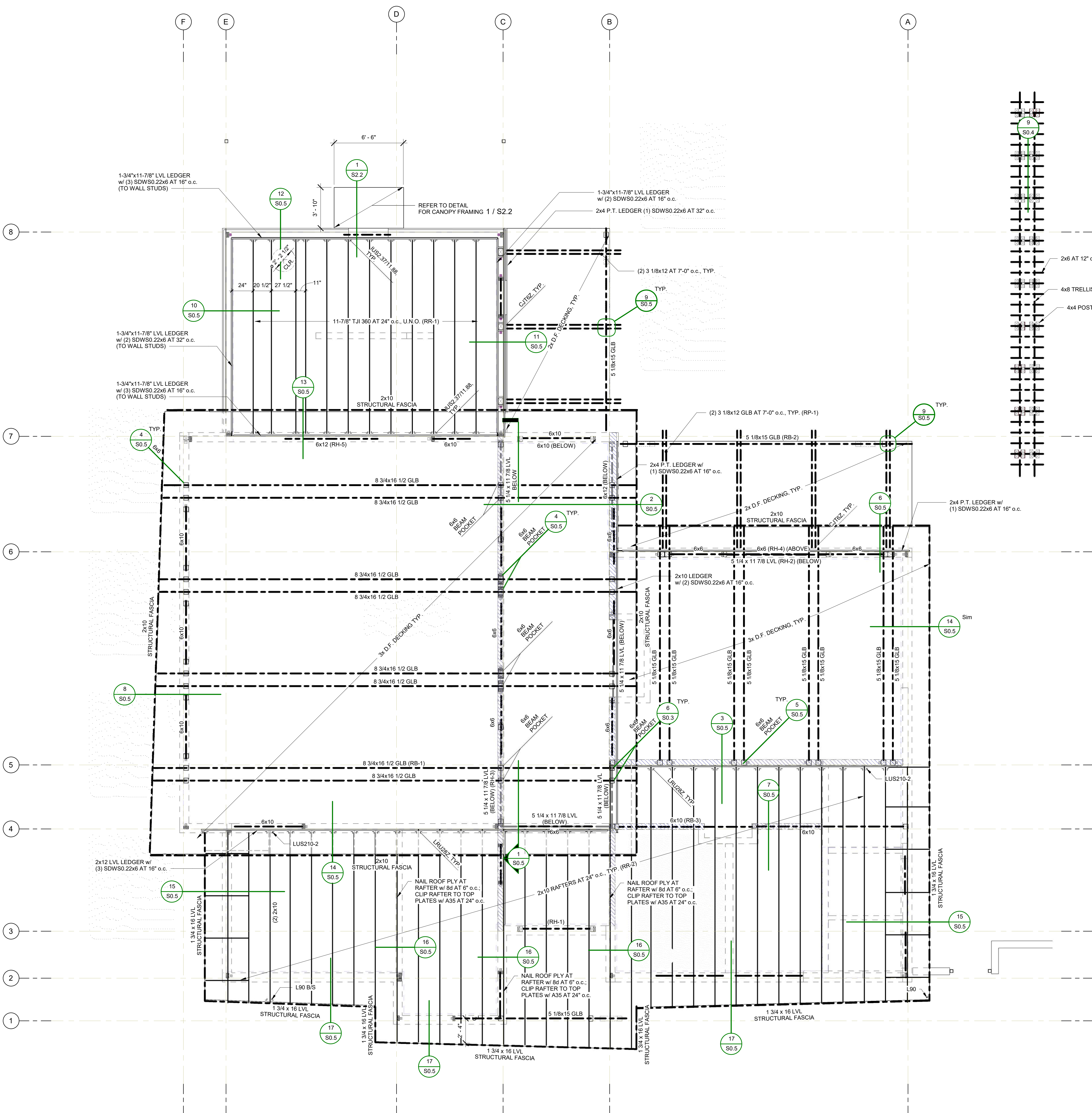
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CEILING FRAMING PLAN

S2.1
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ROOF FRAMING NOTES

SHEATHING:
 5/8" CDX PLYWOOD (OR EQUAL) EXPOSURE 1, APA SPAN RATED (32/16)
 STAGGER JOINTS, NAIL W/ 8d AT 6" o.c. ALL EDGES, GABLE ENDS AND FRIEZE BLOCKS, NAIL W/ 8d AT 12" o.c. FIELD.
 ALL PLYWOOD SHALL CONFORM TO APA PS 1, ALL SHEAR PLYWOOD SHALL BE CD, C-C, 303 (1-11), OR APPROVED EQUAL.

LVL'S, PSI'S & LSL'S:
 • ALL LVL'S SHALL HAVE Fb=2800 PSI, Fv=285 PSI, AND E=2.0x10⁶ PSI MIN. UNLESS NOTED OTHERWISE NAIL MULTI-PLY LVL'S W/ (3) 16d'S AT 12" o.c., OR PROVIDE EQUIVALENT SOLID MEMBER.
 • ALL PSI'S SHALL HAVE Fb=2900 PSI, Fv=290 PSI, AND E=2.0x10⁶ PSI MIN. U.N.O.
 • ALL LSL'S SHALL HAVE Fb=2250 PSI, Fv=400 PSI, AND E=1.5x10⁶ PSI MIN. UNLESS NOTED OTHERWISE NAIL MULTI-PLY LVL'S W/ (3) 16d'S AT 12" o.c.

GLU-LAM'S:
 GLU-LAM'S USED FOR SIMPLE SPANS SHALL BE 24F-V4 U.N.O. GLU-LAM'S USED FOR CONTINUOUS SPANS OR CANTILEVER SHALL BE 24F-V8, U.N.O. GLU-LAM'S EXPOSED TO WEATHER SHALL BE RATED FOR EXTERIOR USE BY MANUFACTURER OR APPROVED PROTECTION FROM EXPOSURE TO BE PROVIDED.

HEADERS:
 6x8 ROSBORO MFG. TIMBER OR DF #1 TYP., U.N.O.
 4x8 ROSBORO MFG. TIMBER OR DF #2 AT 2x4 WALLS TYP., U.N.O.

TRIMMERS:
 DBL. TRIMMERS AT OPENINGS GREATER THAN 5'-0"; AT 2x6 WALLS TYP. U.N.O.
 OBL. TRIMMERS AT OPENINGS GREATER THAN 4'-0"; AT 2x4 WALLS TYP. U.N.O.

POSTS:
 4x D.F. #2 AND 6x D.F. #1 (LOCATE AS NOTED)

METAL CONNECTORS:
 USE SIMPSON BRAND OR APPROVED EQUAL.
 HANGERS SHOWN AT TRUSSES ARE TYPICAL, PROVIDE HANGERS AS SPECIFIED ON THE STAMPED TRUSS CALCULATIONS.
 SIMPSON H1 CLIPS AT ALL TRUSS BEARING POINTS ON PLATES & BEAMS.
 SIMPSON HS CLIPS AT ALL RAFTER BEARING POINTS ON PLATES & BEAMS.
 SIMPSON H2 SA CLIPS (B5) AT ALL GIRDER TRUSS BEARING POINTS.
 SIMPSON POST CAPS (AS NOTED).
 SIMPSON ST6224 (AS NOTED).

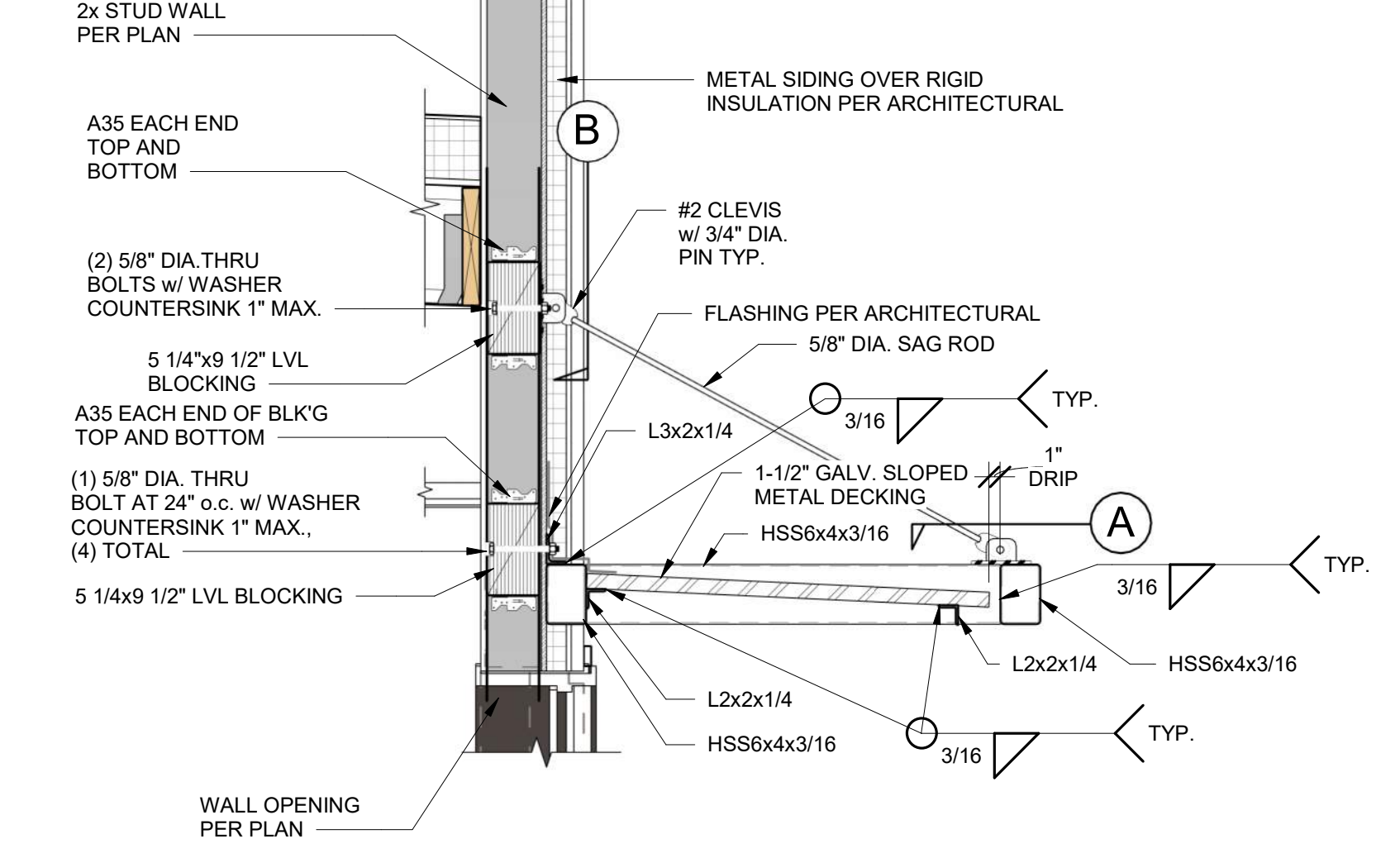
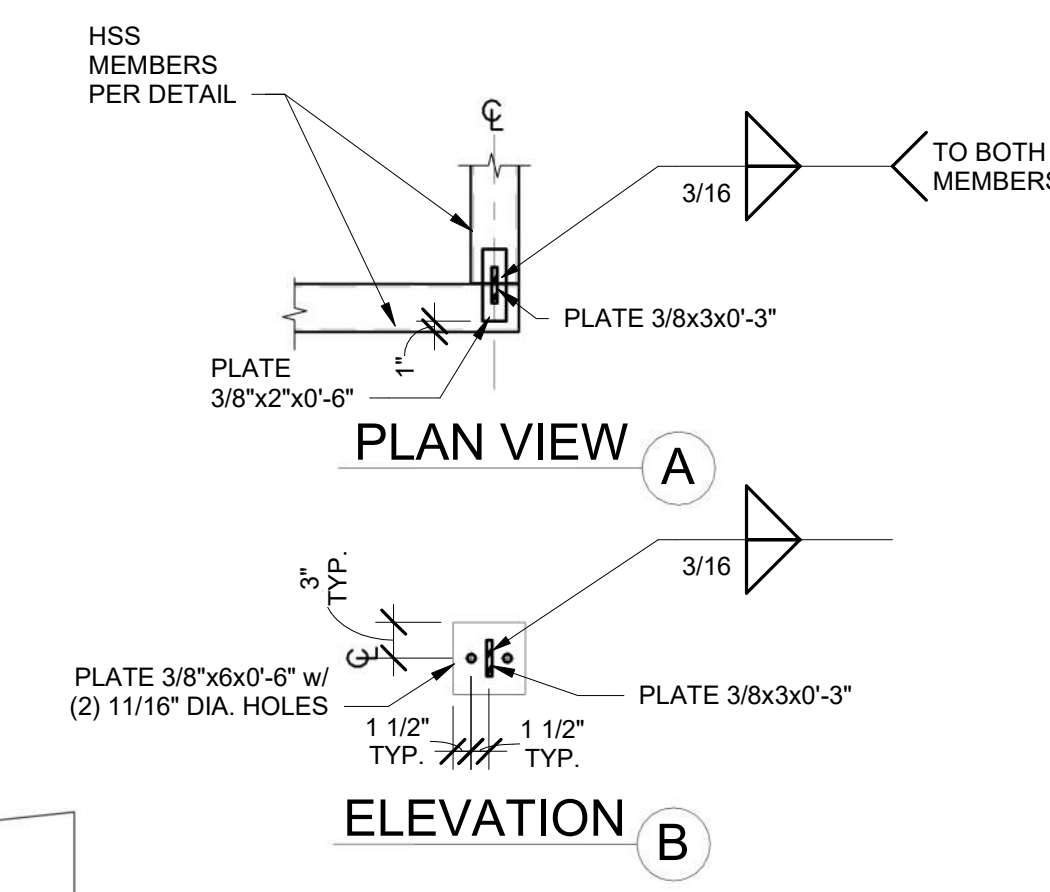
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ROOF FRAMING PLAN
 1/4" = 1'-0"

NOTE: SEE SHEET S2.1 FOR CEILING FRAMING

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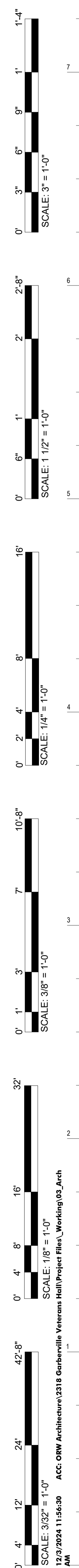
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ROOF FRAMING PLAN

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S2.2
 SHEET of SHEETS

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DUCT & FITTING SYMBOLS

DOUBLE LINE	SINGLE LINE	DESCRIPTION
		SUPPLY AIR
		OUTSIDE AIR
		ECONOMIZER RELIEF AIR
		RECTANGULAR DUCT SIZE FIRST NUMBER INDICATES VISIBLE DIMENSION AND SECOND NUMBER INDICATES HIDDEN DIMENSION. ALL DIMENSIONS ARE INCHES.
		ROUND DUCT DIAMETER
		FLAT OVAL DUCT
		SUPPLY DUCT UP OR SECTION OR SECTION AWAY
		RETURN OR OSA DUCT UP OR SECTION OR SECTION
		EXHAUST DUCT UP OR SECTION OR SECTION
		TRANSITION
		SQUARE TO ROUND TRANSITION
		FLANGED TAKEOFF (RECTANGULAR DUCT)
		LATERAL HIGH EFFICIENCY TAKE-OFF FITTING W/ VD (SOR TO RND TAKEOFF FROM RECTANGULAR MAIN) VD ON BRANCH DUCT
		CONICAL 90° TAKE-OFF (ROUND / OVAL DUCT)
		45° LATERAL TAKE-OFF (ROUND / OVAL DUCT)
		DUCT SLOPE UP (RISE)
		DUCT SLOPE DOWN (DROP)
		END CAP
		RECTANGULAR MITERED ELBOW W/ TURNING VANES
		RECTANGULAR TEE WITH ELBOWS W/ TURNING VANES
		90° OR 45° LONG RADIUS ELBOW, R=1.5 DIA OR WIDTH (ROUND OR RECTANGULAR DUCT)

HVAC SYMBOLS & ABBREVIATIONS

	DUCT WITH INTERNAL ACOUSTICAL INSULATION
	ACCESS DOOR
	VOLUME DAMPER
	COMBINATION FIRE / SMOKE DAMPER
	FIRE DAMPER
	VERTICAL FIRE DAMPER
	MOTORIZED DAMPER
	BACKDRAFT DAMPER
	OPPOSED BLADE DAMPER
	PARALLEL BLADE DAMPER
	FLEXIBLE DUCT CONNECTION
	DIRECTION OF AIRFLOW
	RETURN GRILLE
	EXHAUST GRILLE
	PRESSURE RELIEF GRILLE
	WALL OR DUCT REGISTER OR GRILLE
	LINEAR DIFFUSER
	FILTER
	CEILING ACCESS DOOR
	TEMPERATURE GAUGE
	PRESSURE GAUGE
	OUTLET / INLET TAG
	AIRFLOW, CFM
	PREFIX (F) INDICATES A FIRE RATED GRILLE, REGISTER, OR DIFFUSER
	HUMIDISTAT OR HUMIDITY SENSOR
	THERMOSTAT OR TEMP SENSOR
	DUCT SMOKE DETECTOR
	SMOKE DETECTOR
	STATIC PRESSURE SENSOR
	CARBON DIOXIDE SENSOR
	EMERGENCY SWITCH

GENERAL SYMBOLS

	CAP FOR FUTURE
	POINT OF NEW CONNECTION
	REVISION NUMBER
	SECTION (LETTER) OR DETAIL (NUMERICAL) DESIGNATION SHEET NUMBER
	SECTION DESIGNATION SHEET NUMBER
	PIPE SIZE AND FLOW TAG
	GENERAL BREAK
	LINE BREAK
	ON DEMOLITION PLANS, INDICATES ITEMS TO BE REMOVED
	KEYED NOTES
	EXISTING
	FUTURE

PIPE SYMBOLS

	R	REFRIGERANT PIPING
	NG	NATURAL GAS PIPING
	CWS	CHILLED WATER SUPPLY
	CWR	CHILLED WATER RETURN
	CD	CONDENSATE DRAIN PIPING
	HWHS	HOT WATER SUPPLY
	HWHR	HOT WATER RETURN
		DIRECTION OF FLOW
		CHANGE IN SIZE
		PIPE DOWN
		PIPE UP
		TEE DOWN
		TEE UP
		CAP
		PIPE UNION
		GATE VALVE
		BALL VALVE
	NC	NORMALLY CLOSED
	NO	NORMALLY OPEN
		PRESSURE GAUGE
		TEMPERATURE GAUGE
		PRESSURE REDUCING VALVE
		PRESSURE & TEMPERATURE GAUGE PORT
		BALANCING VALVE
		PUMP
		GLOBE VALVE
		CHECK VALVE
		SAFETY RELIEF VALVE
		TWO WAY CONTROL VALVE
		THREE WAY CONTROL VALVE
		STRAINER
		STEAM CONDENSATE TRAP

HVAC ABBREVIATIONS

12WS	12 LB STEAM
ACFM	ACTUAL AIR - CUBIC FEET PER MINUTE
ACH	AIR CHANGES PER HOUR
AD	ACCESS DOOR
AFF	ABOVE FINISH FLOOR
AHU	AIR HANDLING UNIT
AL	ALUMINUM
AP	ACCESS PANEL
ARCH	ARCHITECT OR ARCHITECTURAL
ATD	AIR TRANSFER DUCT
BD	BACKDRAFT DAMPER
BLDG	BUILDING
BM	BEAM
BOB	BOTTOM OF DUCT
BOP	BOTTOM OF PIPE
BOS	BOTTOM OF STEEL
BTU	BRITISH THERMAL UNIT
CDV	CLOTHES DRYER VENT
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CLG	CEILING
CONSTR	CONSTRUCTION
CR	CONDENSATE RETURN (STEAM)
CWS	CHILLED WATER SUPPLY
CWR	CHILLED WATER RETURN
CV	CONSTRAINT VOLUME
DB	DRY BULB
DIA	DIAMETER
DN	DOWN
DWG	DRAWING
DX	DIRECT EXPANSION (REFRIGERATION)
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EC	ELECTRICAL CONTRACTOR
ELEV	ELEVATION
ERA	ECONOMIZER RELIEF AIR
ESP	EXTERNAL STATIC PRESSURE
EWT	ENTERING WATER TEMPERATURE
EXH	EXHAUST
F	FAHRENHEIT
FC	FLEXIBLE CONNECTION
FD	FIRE DAMPER
FLA	FULL LOAD AMPS
FLR	FLOOR
FOB	FLAT ON BOTTOM
FOT	FLAT ON TOP
FSM	FEET PER MINUTE
FSD	COMBINATION FIRE / SMOKE DAMPER
GALV	GALVANIZED STEEL
GC	GENERAL CONTRACTOR
GM	GAS METER
GPM	GALLONS PER MINUTE
GRD	GRILLES, REGISTERS, DIFFUSERS
H	HUMIDISTAT
ADPE	HIGH-DENSITY POLYETHYLENE
HEPA	HIGH EFFICIENCY PARTICULATE AIR
HP	MOTOR HORSEPOWER
HVAC	HEATING, VENTING, AND CONDITIONING
HWHS	HOT WATER HEATING SUPPLY
HWHR	HOT WATER HEATING RETURN
LB(S)	POUND, POUNDS
LAT	LEAVING AIR TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
MA	MIXED AIR
MAX	MAXIMUM
MBH	THOUSAND BTU PER HOUR
MC	MECHANICAL CONTRACTOR
MCA	MINIMUM CIRCUIT CAPACITY
MECH	MECHANICAL
MFR	MANUFACTURER
MFS	MINIMUM FUSE SIZE
MIN	MINIMUM
MOPP	MAXIMUM OVERCURRENT PROTECTION
NC	NORMALLY CLOSED
NG	NATURAL GAS
NO	NORMALLY OPEN
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OBD	OPPOSED BLADE DAMPER
OC	ON CENTER
OA or OSA	OUTSIDE AIR
PBD	PARALLEL BLADE DAMPER
PD	PRESSURE DRIP
PSI	POUNDS PER SQUARE INCH
PT	PRESSURE / TEMPERATURE PLUG
PVC	POLYVINYL CHLORIDE
RA	RETURN AIR
RECT	RECTANGULAR
RPM	REVOLUTIONS PER MINUTE
REQD	REQUIRED
SA	SUPPLY AIR
SCFM	STANDARD AIR - CUBIC FEET PER MINUTE
SEC	SECTION
SF or SQ FT	SQUARE FEET
SIM	SIMILAR
SM	SHEET METAL
SMACNA	SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION
SP	STATIC PRESSURE
SPEC	SPECIFICATION OR SPECIFIED
SS	STAINLESS STEEL
STD	STANDARD
STM	STEAM
T	THERMOSTAT
TA	TRANSFER AIR
TC	TEMPERATURE CONTROLS
TEMP	TEMPERATURE
TOS	TOP OF STEEL
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VAV	VARIABLE AIR VOLUME
VD	VOLUME DAMPER
VFD	VARIABLE FREQUENCY DRIVE
WB	WET BULB
W	WITH
WG	WATER GAUGE

NOTE - ABBREVIATIONS AND SYMBOLS ARE ARCSINE ENGINEERING STANDARDIZED SYMBOL LEGENDS. AS SUCH, ALL SYMBOLS SHOWN MAY NOT APPEAR ON OR WITHIN THIS SET OF CONTRACT DOCUMENTS.

- ### GENERAL NOTES
- PROVIDE ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY TO CONSTRUCT A COMPLETE, OPERATIONAL HVAC SYSTEM FOR THE ENTIRE PROJECT AS SHOWN ON THESE DRAWINGS, INCLUDING ALL NECESSARY FEES AND PERMITS.
 - THE ENTIRE INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE MOST RECENTLY ADOPTED BUILDING CODE, MECHANICAL CODE, PLUMBING CODE, ELECTRICAL CODE, AND ALL OTHER APPLICABLE CITY, COUNTY, STATE, AND FEDERAL CODES AND REGULATIONS IN EFFECT AT THE DATE OF THE BID, WHEREVER THE REQUIREMENTS OF THE SPECIFICATIONS OR DRAWINGS EXCEED THOSE OF THE ITEMS ABOVE. THE REQUIREMENTS OF THE SPECIFICATIONS OR DRAWINGS SHALL GOVERN.
 - WHERE THE MECHANICAL WORK WILL BE INSTALLED IN CLOSE PROXIMITY TO, OR WILL INTERFERE WITH, WORK OF OTHER TRADES, THE CONTRACTOR SHALL ASSIST IN WORKING OUT SPACE CONDITIONS TO MAKE A SATISFACTORY ADJUSTMENT PRIOR TO COMMENCING WORK. IF THE CONTRACTOR INSTALLS HIS/HER WORK BEFORE COORDINATING WITH OTHER TRADES, SO AS TO CAUSE ANY INTERFERENCE WITH WORK OF OTHER TRADES, THE CONTRACTOR SHALL MAKE THE NECESSARY CHANGES IN HIS/HER WORK TO CORRECT THE CONDITION WITHOUT EXTRA CHARGES TO THE OWNER.
 - THE DRAWINGS SHOW THE GENERAL DESIGN, ARRANGEMENTS AND THE EXTENT OF THE SYSTEM. IT SHALL BE THE WORK OF THE CONTRACTOR TO MAKE SUCH SLIGHT ALTERATIONS AS MAY BE NECESSARY TO MAKE THE SYSTEM COMPLETE AND OPERATIONAL IN ACCORDANCE WITH THE DESIGN INTENT. MAJOR DEVIATIONS SUCH AS CHANGES IN COMPONENT SIZES, WEIGHTS, QUANTITIES, OR MATERIAL REQUIRE PRIOR APPROVAL BY THE CONSULTING ENGINEER.
 - CONTRACTORS AND SUB-CONTRACTORS SHALL CAREFULLY REVIEW THE CONSTRUCTION DOCUMENTS. INFORMATION REGARDING THE COMPLETE WORK IS DISPERSED THROUGHOUT THE DOCUMENT SET AND CANNOT BE ACCURATELY DETERMINED WITHOUT REFERENCE TO THE COMPLETE DOCUMENT SET.
 - THE WORKING DRAWINGS ARE DIAGRAMMATIC, BECAUSE OF THE SMALL SCALE OF THE DRAWINGS, THEY DO NOT SHOW EVERY OFFSET, BEND OR ELBOW NECESSARY FOR THE COMPLETE INSTALLATION IN THE SPACE PROVIDED. ALL LOCATIONS FOR HVAC EQUIPMENT AND PIPING SHALL BE CHECKED AND COORDINATED WITH THE ARCHITECTURAL, MECHANICAL, STRUCTURAL AND ELECTRICAL DRAWINGS.
 - SPACE ABOVE ALL CEILINGS IS LIMITED. CAREFUL COORDINATION IS REQUIRED WITH ALL TRADES BEFORE ANY PIPE, DUCT, OR EQUIPMENT IS ORDERED, FABRICATED, AND/OR INSTALLED. ANY CONFLICTS AND/OR CHANGES FOUND DURING INSTALLATION THAT RESULT FROM LACK OF COORDINATION BY THE CONTRACTORS DURING THE SHOP DRAWING PROCESS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
 - THE DRAWINGS AND SPECIFICATIONS HAVE BEEN PREPARED TO SUPPLEMENT EACH OTHER AND THEY SHALL BE INTERPRETED AS AN INTERNAL UNIT WITH THE ITEMS SHOWN ON ONE AND NOT THE OTHER BEING FURNISHED AND INSTALLED AS THOUGH SHOWN AND CALLED OUT IN BOTH.
 - DETAILS: THE CONTRACTOR IS RESPONSIBLE TO REVIEW AND USE WHERE APPROPRIATE ALL OF THE MECHANICAL DETAILS SHOWN ON THE DRAWINGS. DETAILS MAY OR MAY NOT BE CALLED OUT ON THE DRAWINGS WITH SYMBOLS OR KEYED NOTES. ANY CHANGES RESULTING FROM FAILURE TO INSTALL THE MECHANICAL SYSTEM WITHOUT USING THE INCLUDED DETAILS IS THE RESPONSIBILITY OF THE CONTRACTOR.
 - ALL DUCTWORK SHALL BE GALVANIZED STEEL, ROUND OR RECTANGULAR. GAUGE, REINFORCEMENT, AND SUPPORT SHALL BE PER SMACNA DUCT CONSTRUCTION STANDARDS. UNLESS NOTED OTHERWISE, SUPPLY AIR DUCTS SHALL BE CONSTRUCTED TO +2" PRESSURE STANDARD, RETURN DUCTS SHALL BE CONSTRUCTED TO -1" PRESSURE STANDARD. SEAL ALL DUCTS TO SMACNA CLASS "B" STANDARDS. INSTALL IN CONFORMANCE TO MECHANICAL CODES. FLEXIBLE DUCTS SHALL BE INSULATED NONMETALLIC, FORM "NM-L", MAXIMUM LENGTH OF 5'-0" AT DIFFUSER OR GLOBE CONNECTIONS. PROVIDE BALANCING DAMPERS WHERE SHOWN OR RECTANGULAR, GALVANIZED SHEET METAL, WITH EXTERNAL INDICATING QUADRANT AND SETSCREW. PROVIDE TURNING VANES FOR ALL RECTANGULAR ELBOWS.
 - SHEET METAL DUCT SIZES SHOWN ARE NET CLEAR INSIDE DIMENSIONS. WHEN INTERNAL INSULATION IS REQUIRED, DUCT SIZE SHALL BE INCREASED TO PROVIDE NET CLEAR DIMENSIONS INDICATED.
 - AT THE TIME OF ROUGH INSTALLATION, OR DURING STORAGE ON THE CONSTRUCTION SITE AND UNTIL FINAL STARTUP OF THE HEATING AND COOLING EQUIPMENT, ALL DUCT AND OTHER RELATED AIR DISTRIBUTION COMPONENT OPENINGS SHALL BE COVERED WITH TAPE, PLASTIC, SHEETMETAL OR OTHER METHODS ACCEPTABLE TO THE ENFORCING AGENCY TO REDUCE THE AMOUNT OF DUST OR DEBRIS WHICH MAY COLLECT IN THE SYSTEM.
 - PROVIDE LOCKING-TYPE TAMPER-RESISTANT CAPS FOR ALL REFRIGERANT CIRCUIT ACCESS PORTS LOCATED OUTDOORS.
 - DUCTWORK INSULATION:
 - ALL SUPPLY AND RETURN AIR DUCTS IN UNCONDITIONED SPACES AND PLENUMS (ABOVE CEILING, WITHIN CHASES, SHAFTS, OR MECHANICAL ROOMS) AND WITHIN THE BUILDING ENVELOPE SHALL BE INSULATED WITH 2" THICK FIBERGLASS DUCT WRAP FACED WITH OUTER FOIL BLANKET, OR LINED WITH 1-1/2" THICK, COATED FIBERGLASS INSULATION, MINIMUM INSTALLED R-VALUE OF 8.
 - ALL OUTSIDE AIR DUCTS IN UNCONDITIONED SPACES AND PLENUMS (ABOVE CEILING, WITHIN CHASES, SHAFTS, OR MECHANICAL ROOMS) AND WITHIN THE BUILDING ENVELOPE SHALL BE INSULATED WITH 1-1/2" THICK, 3/4 LB. DENSITY, FIBERGLASS DUCT WRAP FACED WITH OUTER FOIL BLANKET, OR LINED WITH 1/2" THICK, COATED FIBERGLASS INSULATION, MINIMUM INSTALLED R-VALUE OF 8.0.
 - ALL SUPPLY AND RETURN AIR DUCTS IN VENTED SPACES (ATTICS, CRAWLSPACES, VENTED MECHANICAL ROOMS) OUTSIDE THE BUILDING ENVELOPE SHALL BE INSULATED WITH 3" THICK FIBERGLASS DUCT WRAP FACED WITH OUTER FOIL BLANKET, OR LINED WITH 2" THICK, COATED FIBERGLASS INSULATION, MINIMUM INSTALLED R-VALUE OF 8.0.
 - ALL EXHAUST AIR DUCTWORK SHALL BE INSULATED BETWEEN THE FAN OUTLET AND WALL/ROOF OUTLET WITH 1-1/2" THICK, 3/4 LB. DENSITY, FIBERGLASS DUCT WRAP FACED WITH OUTER FOIL BLANKET, MIN. INSTALLED R-VALUE OF 3.5.
 - PROVIDE 1" THICK INSULATION ATTENTION TO MINIMUM 15'-0" UPSTREAM AND DOWNSTREAM OF AIR HANDLING EQUIPMENT. JOHNS MANVILLE LINACOUSTIC RC, OR EQUAL.
 - PROVIDE FLEXIBLE DUCT CONNECTORS WHERE DUCTS CONNECT TO AIR HANDLING EQUIPMENT.
 - CLASS I KITCHEN EXHAUST HOOD DUCT SYSTEMS:
 - CONSTRUCT EXHAUST DUCT OF WELDED 18 GAGE CARBON STEEL SHEETS FOR CONCEALED DUCTS, AND WELDED OR FLANGED 18 GAGE STAINLESS STEEL FOR EXPOSED DUCTS.
 - SLOPE HORIZONTAL DUCT AT 1/4" PER FOOT TOWARD HOOD.
 - PROVIDE ACCESS DOORS AT EACH CHANGE OF DIRECTION AND AT 30 FOOT INTERVALS IN HORIZONTAL DUCTS.
 - PROVIDE RESIDUE TRAP AT THE BASE OF EACH VERTICAL RISER, WITH PROVISIONS FOR CLEANOUT.
 - ALL SEAMS, JOINTS AND PENETRATIONS SHALL HAVE A LIQUID-TIGHT, CONTINUOUS, EXTERNAL WELD.
 - PROVIDE INSULATION ON ONE OF THE FOLLOWING SYSTEMS:
 - DUCT ENCLOSURE WITH 1-HR FIRE RESISTIVE CONSTRUCTION AS DESCRIBED IN SECTION 507 OF THE CMC, OR
 - A LISTED AND LABELED GREASE DUCT WRAP SYSTEM IN ACCORDANCE WITH ASTM E 2336, OR
 - A FACTORY LISTED GREASE DUCT COLLECTION SYSTEM, LISTED AND LABELED IN ACCORDANCE WITH UL 1978 AND INSTALLED IN ACCORDANCE WITH CMC SECTION 303.1.
 WHICHEVER METHOD IS CHOSEN MUST HAVE APPROVAL FROM THE ADMINISTRATIVE AUTHORITY AND STATE FIRE MARSHALL.
 - CONTROLS: A THERMOSTAT RESPONDING TO TEMPERATURE IN THE ZONE SHALL CONTROL EACH HVAC ZONE. PROVIDE ELECTRONIC, PROGRAMMABLE THERMOSTATS WITH COOLING, 1 OR 2 STAGE HEATING, AUTOMATIC CHANGEOVER, NIGHT SETBACK, 2-HOUR MANUAL OVERRIDE, A 7-DAY, 24-HOUR CLOCK, L.E.D. INDICATOR, AND SET POINT ADJUSTMENT, AND A FAN ON/OFF SWITCH. THERMOSTAT MUST BE CAPABLE OF RETAINING PROGRAMMING AND TIME SETTING DURING LOSS OF POWER FOR A PERIOD OF AT LEAST 10 HOURS.
 - CONTROL CAPABILITIES: THERMOSTATS SHALL BE CAPABLE OF BEING SET FROM 55° F TO 85° F AND SHALL BE CAPABLE OF PROVIDING A 5°F DEADBAND.
 - THERMOSTAT SHALL BE CAPABLE OF PROGRAMMED FAN OPERATION, I.E. FAN OPERATES CONTINUOUSLY DURING OCCUPIED MODE AND CYCLES WITH DEMAND DURING UNOCCUPIED MODE.
 - OPTIMUM START CONTROLS: UNLESS OTHERWISE NOTED, EACH HVAC SYSTEM SHALL HAVE CONTROLS CAPABLE OF VARYING START-UP TIME TO JUST MEET SETPOINT AT TIME OF OCCUPANCY.
 - THERMOSTAT SHALL COMPLY WITH THE REQUIREMENTS OF THE CALIFORNIA ENERGY CODE (TITLE 24) JOINT APPENDIX JAS, "OCCUPANT CONTROLLED SMART THERMOSTATS", WHICH IS CAPABLE OF RECEIVING DEMAND RESPONSE SIGNALS.
 - HEAT PUMP CONTROLS: HEAT PUMPS EQUIPPED WITH SUPPLEMENTARY HEATERS SHALL BE INSTALLED WITH CONTROLS TO PREVENT HEATER OPERATION WHEN THE HEATING LOAD CAN BE MET BY THE HEAT PUMP ALONE. A TWO-STAGE THERMOSTAT WITH THE SUPPLEMENTARY HEAT AS ITS SECOND STAGE IS ACCEPTABLE.
 - SHUT-OFF DAMPERS: OUTDOOR AIR SUPPLY AND EXHAUST SYSTEMS SHALL BE EQUIPPED WITH MOTORIZED DAMPERS WITH A MAXIMUM LEAKAGE RATE OF 10 CFM/SF AT 1.0" W.G. DAMPERS SHALL AUTOMATICALLY SHUT WHEN SYSTEMS OR SPACES SERVED ARE NOT IN USE OR DURING BUILDING WARM-UP, COOLDOWN, OR SETBACK. GRAVITY DAMPERS ARE ALLOWED ONLY FOR AIR VOLUMES OF 300 CFM OR LESS.
 - PROVIDE A RELAY FROM THE ZONE HVAC SYSTEM TO CONTROL TOILET ROOM EXHAUST FAN(S), EXHAUST FAN(S) TO RUN DURING THE OCCUPIED PERIOD ONLY.
 - THE STRUCTURE SHOWN ON ALL DETAILS MAY OR MAY NOT PERTAIN TO A PORTION OR ANY PORTION OF THE BUILDING. COORDINATE MOUNTING REQUIREMENTS WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS.
 - ANY PART OF THIS INSTALLATION THAT FAILS, IS UNFIT, OR BECOMES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
 - ALL EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE EQUIPMENT MANUFACTURERS RECOMMENDATIONS. PROVIDE ALL FITTINGS, TRANSITIONS, VALVES, DAMPERS, AND OTHER DEVICES AND ACCESSORIES REQUIRED FOR A COMPLETE, WORKABLE INSTALLATION.
 - ALL MECHANICAL EQUIPMENT, DUCTWORK, AND PIPING MUST BE SEISMICALLY BRACED FOR THE SITE SPECIFIC SEISMIC DESIGN CATEGORY AND SEISMIC USE GROUP, IN ACCORDANCE WITH THE LATEST ADOPTED EDITIONS OF TITLE 24, ASHRAE, AND SMACNA. COORDINATE SITE SPECIFIC SEISMIC REQUIREMENTS WITH STRUCTURAL ENGINEER AND/OR ARCHITECT.
 - CURB MOUNTED ROOFTOP EQUIPMENT: EQUIPMENT MUST BE POSITIVELY ATTACHED TO CURB TO RESIST SEISMIC FORCES. QUANTITY AND SIZE OF ATTACHMENTS AS REQUIRED BY APPROVED SEISMIC CALCULATION SUBMITTALS. THE EQUIPMENT AND CURB MANUFACTURERS MUST APPROVE THE ATTACHMENT. CURBS MUST BE ATTACHED TO THE STRUCTURE PER APPROVED SEISMIC CALCULATIONS AND SUBMITTAL. THE STRUCTURAL ENGINEER OF RECORD MUST DETERMINE IF THE STRUCTURAL COMPONENT WILL WITHSTAND THE REQUIRED SEISMIC FORCES AND DEAD LOADS. ANCHORING OF CURB IS SUBJECT TO CURB MANUFACTURERS APPROVAL. DESIGN OF EQUIPMENT AND CURB TO RESIST SEISMIC FORCES IS BY EQUIPMENT AND CURB MANUFACTURERS.
 - THE MECHANICAL CONTRACTOR SHALL FURNISH ALL REQUIRED MOTORS AND STARTERS, DISCONNECTS, WHEN NOT A PART OF THE EQUIPMENT, WILL BE FURNISHED BY THE ELECTRICAL CONTRACTOR.
 - THE PERMANENT HVAC SYSTEM SHALL ONLY BE USED DURING CONSTRUCTION IF NECESSARY TO CONDITION THE BUILDING WITHIN THE REQUIRED TEMPERATURE RANGE FOR MATERIAL AND EQUIPMENT INSTALLATION. IF THE HVAC SYSTEM IS USED DURING CONSTRUCTION, USE RETURN AIR FILTERS WITH A MINIMUM EFFICIENCY REPORTING VALUE (MERV) OF 8, BASED ON ASHRAE 52.2 1999, OR AN AVERAGE EFFICIENCY OF 30% BASED ON ASHRAE 52.1 1992. REPLACE ALL FILTERS IMMEDIATELY PRIOR TO OCCUPANCY.
 - THE CONTRACTOR IS RESPONSIBLE FOR HVAC EQUIPMENT CHECK-IN, SAFEKEEPING, AND DAMAGE.
 - DO NOT ROUTE DUCTS AND PIPES ABOVE ELECTRICAL PANELS. ALL ELECTRICAL PANELS MUST HAVE CLEAR ACCESS SPACE IN FRONT OF PANEL 4'-0" DEEP AND 6'-6" HIGH. DO NOT ROUTE DUCT AND PIPES IN ELECTRICAL ROOMS, EXCEPT DUCTS AND PIPES SERVING THE ROOM.
 - COORDINATE EXACT LOCATIONS OF CEILING DIFFUSERS AND GRILLES WITH ARCHITECTURAL REFLECTED CEILING PLAN.
 - PROVIDE CEILING ACCESS PANELS AS REQUIRED WHERE MECHANICAL EQUIPMENT, VALVES, VAV BOXES, FIRE DAMPERS, ETC. ARE LOCATED ABOVE INACCESSIBLE CEILINGS. MINIMUM ACCESS PANEL SIZE IS 24"X24" UNLESS OTHERWISE NOTED.
 - PROPERLY LUBRICATE ALL PIECES OF EQUIPMENT BEFORE TURNING THE SYSTEM OVER TO THE OWNER.
 - TWO OPERATING AND MAINTENANCE MANUALS SHALL BE PROVIDED IN HARD BACK LOOSE LEAF BINDERS. MANUALS SHALL CONTAIN PRODUCT CUT SHEETS AND OPERATING AND MAINTENANCE INSTRUCTIONS ON ALL EQUIPMENT, ACCESSORIES, FIXTURES, VALVES, ETC., PROVIDED FOR THE PROJECT. PROVIDE LIST OF EQUIPMENT WITH ALL NAMEPLATE DATA INCLUDING TAG #, MODEL NUMBER, SERIAL NUMBER, AND NAME OF LOCAL REPLACEMENT PARTS SUPPLIER.
 - UPON COMPLETION OF THE WORK, REMOVE ALL SURPLUS MATERIALS AND RUBBISH. MAKE ALL REQUIRED PATCHING AND REPAIRS OF OTHER TRADES' WORK DAMAGED BY THE MECHANICAL CONTRACTOR, AND LEAVE THE PREMISES IN A CLEAN, ORDERLY CONDITION.
 - THE MECHANICAL CONTRACTOR SHALL OPERATE THE SYSTEM AND DEMONSTRATE ALL ASPECTS TO THE ENGINEER AND/OR OWNER, TO PROVE ITS OPERATION. ALL FILTERS USED DURING CONSTRUCTION SHALL BE REPLACED PRIOR TO THE TEST RUN PERIOD.

SHEET LIST

No.	Description	Date
M00.00	MECHANICAL LEGEND AND NOTES	
M01.00	MECHANICAL SCHEDULES & DETAILS	
M03.10	MECHANICAL PLAN	

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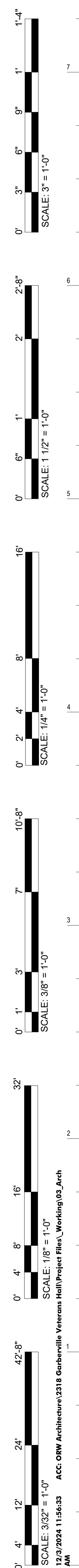
John Haynes Veterans Memorial Building
483 Conger Street, Garberville, CA 95542
Humboldt County
APN: 032-011-006-000

PROJECT: 2318
DATE: 12/9/2024
ISSUE: 100 CD SET

No.	Description	Date

M00.00

MECHANICAL LEGEND AND NOTES



DIFFUSER AND GRILLE SCHEDULE							
TAG	TYPE	INLET SIZE	FACE SIZE	THROW PATTERN	MFGR	MODEL	NOTES
SG-1	SUPPLY AIR	6" RND	24x24	4-WAY	TITUS	TMS	1
SG-2	SUPPLY AIR	8" RND	24x24	4-WAY	TITUS	TMS	1
SG-3	SUPPLY AIR	12" RND	24x24	4-WAY	TITUS	TMS	1
SG-4	SUPPLY AIR	6x6	11x11	ADJ.	TITUS	MCD / 6	2,3
SG-5	SUPPLY AIR	8x8	12x12	ADJ.	TITUS	MCD / 6	2,3
SG-6	SUPPLY AIR	12x6	14x8	2-WAY	TITUS	300RL	2,3
SG-7	SUPPLY AIR	12x10	14x12	2-WAY	TITUS	300RL	2,3
SG-8	SUPPLY AIR	14x8	16x10	2-WAY	TITUS	300RL	2,3
SG-9	SUPPLY AIR	14x14	16x16	2-WAY	TITUS	300RL	2,3
RG-1	RETURN AIR	10x22	12x24	--	TITUS	45F	1
RG-2	RETURN AIR	22x22	24x24	--	TITUS	45F	1
RG-3	RETURN AIR	22x22	24x24	--	TITUS	50F	1
RG-4	RETURN AIR	20x14	--	--	TITUS	350ZFL	2
RG-5	RETURN AIR	20x18	--	--	TITUS	350ZFL	2

NOTES:
 1. TEE BAR MOUNT
 2. SURFACE MOUNT
 3. WITH OBD

FAN SCHEDULE											
TAG	SERVICE	TYPE	CFM	ESP	ELECTRICAL			MANUFACTURER	MODEL	WEIGHT	NOTES
					VOLTS	PHASE	HP / WATTS				
EF-1	KITCHEN HOOD	UPBLAST	2,340	1.50	208	3	1.5	CAPTIVEAIRE	DU180HFA	266	1,2,3
EF-2	MEN'S RR	CEILING	150	0.25	120	1	128 W	GREENHECK	SP-B150	10	4
EF-3	WOMEN'S RR	CEILING	150	0.25	120	1	128 W	GREENHECK	SP-B150	10	4
EF-4	JAN 112	CEILING	80	0.25	120	1	10 W	GREENHECK	SP-LP0511	8	5

NOTES:
 1. UL 705 LISTED
 2. PROVIDE FAN MOUNTED DISCONNECT SWITCH, GREASE TRAP, HINGED BASE, 24" HIGH TEMP ROOF CURB
 3. FAN CONTROL VIA HOOD CONTROL PANEL. COORDINATE WITH KITCHEN EQUIPMENT SUPPLIER.
 4. CONTROL WITH LIGHTS.
 5. CONTROL WITH WALL SWITCH.

SPLIT SYSTEM SCHEDULE: FAN COIL WITH HEAT PUMP																									
FAN COIL TAG	HP UNIT TAG	FAN COIL UNIT POSITION	AIR FLOW (CFM)	MIN. OUTSIDE AIR (CFM)	ESP (IN)	FAN COIL UNIT										HEAT PUMP				MANUFACTURER	FAN COIL MODEL	HEAT PUMP MODEL	FAN COIL WEIGHT	HP WEIGHT	NOTES
						HEATING CAPACITY AT 17 F	COOLING CAPACITY TOTAL (BTUH)	SENS. (BTUH)	VOLTS / PHASE	MCA	MOCP	REFRIG	NOMINAL CAPACITY (TONS CLG)	SEER2	HSPF2	HP ELECTRICAL VOLTS	HP ELECTRICAL PHASE	HP ELECTRICAL MCA	HP ELECTRICAL MOCP						
FC-1	HP-1	HORIZONTAL	1,050	150	0.5	28,500	24,550	23,900	208 / 1	4.9	15	R410A	3	16.4	8.8	208/230	1	29.1	35	DAIKIN	FTQ36TAVJUD	RZQ36TAVJUA	140	225	1, 2, 3
FC-2	HP-2	HORIZONTAL	1,290	285	0.5	36,800	42,820	32,700	208 / 1	6.5	15	R410A	4	15.3	8.8	208/230	1	29.1	35	DAIKIN	FTQ48TAVJUD	RZQ48TAVJUA	150	225	
FC-3	HP-3	HORIZONTAL	800	240	0.5	19,650	18,000	16,300	208 / 1	4.9	15	R410A	2	15.6	8.1	208/230	1	16.5	20	DAIKIN	FTQ24TAVJUD	RZQ24TAVJUA	115	172	

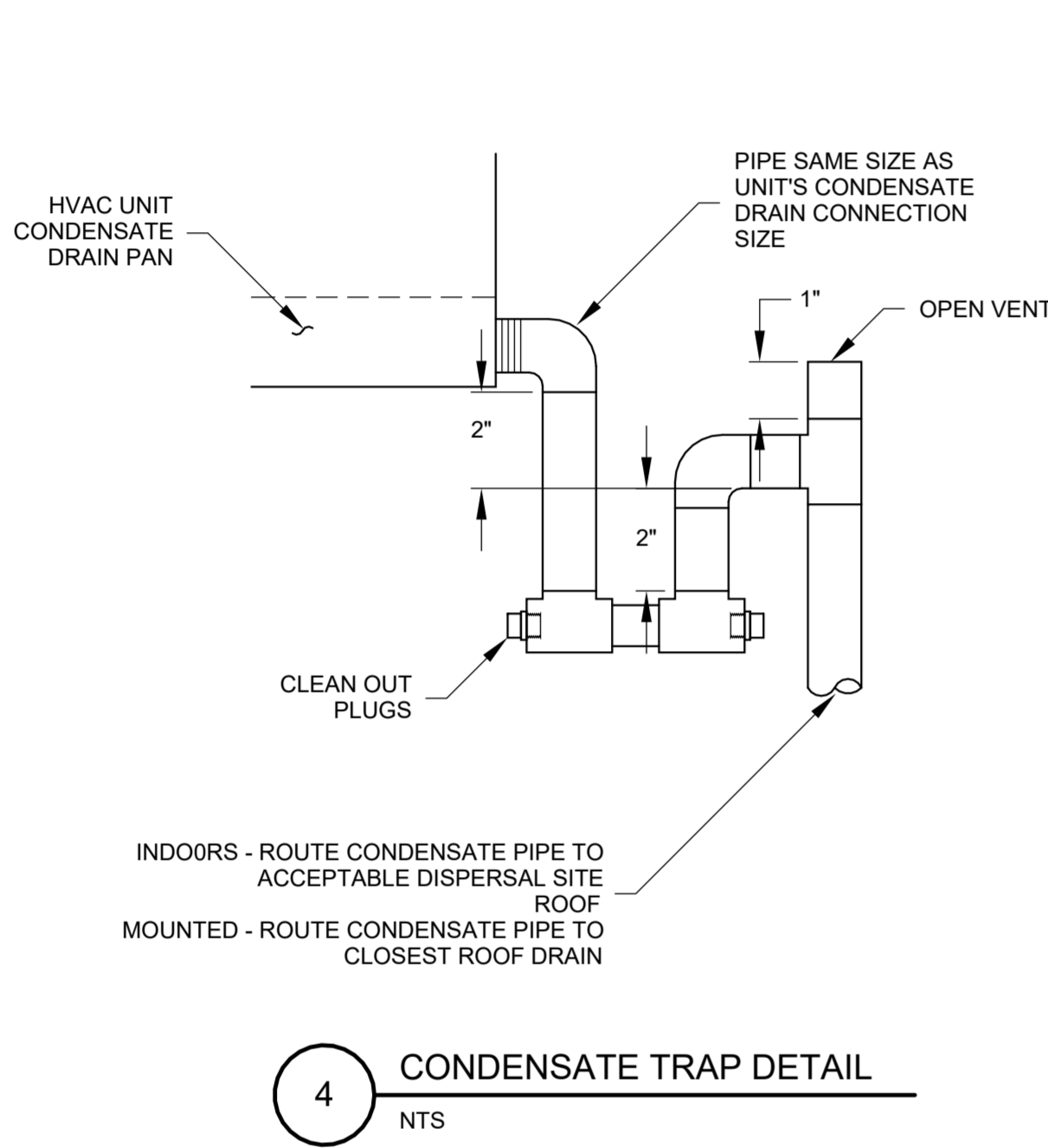
NOTES:
 1. SYSTEM SHALL BE CAPABLE OF SCHEDULED HEATING CAPACITY WITHOUT ELECTRIC STRIP HEAT.
 2. MIN. REQUIRED COOLING CAPACITY WITH 95°F AIR ENTERING CONDENSER COIL.
 3. PROVIDE WIRED REMOTE CONTROLLER.

PACKAGED ROOFTOP HEAT PUMP SCHEDULE																						
TAG	TOTAL AIR FLOW (CFM)	MINIMUM OUTSIDE AIR CFM	OUTSIDE AIR TEMP	FAN ESP (IN WC)	REFRIG-ERANT	COOLING				HEATING				ELECTRICAL				MANUFACTURER	MODEL	WEIGHT	NOTES	
						TOTAL CAPACITY (MBH)	SENSIBLE CAPACITY (MBH)	EDB TEMP	EWB TEMP	SEER2	CAPACITY (MBH)	ELEC HEAT (KW)	HSPF2	FAN MOTOR SIZE (HP)	VOLTS	PHASE	MCA					MOCP
RT-1	1,650	330	95	0.5	R-410A	46.7	43.5	79.3	63.9	16.2	48	5	7.4	1.0	208/230	3	41	50	DAIKIN	DRH0483D	815	1,2,3,4

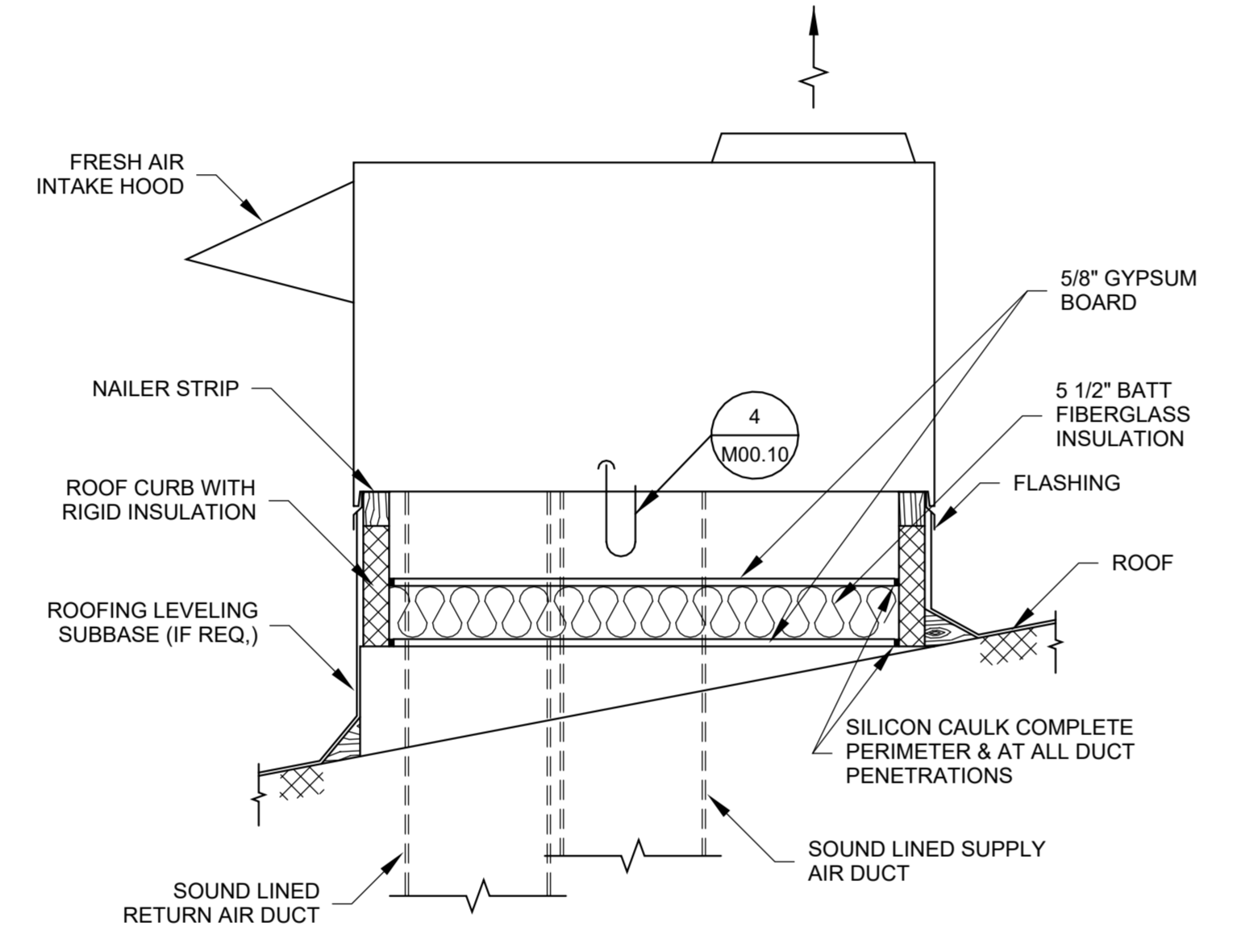
NOTES:
 1. HEATING CAPACITY AT 47 DEG F.
 2. PROVIDE NON FUSED DISCONNECT SWITCH, HINGED PANELS, MOTORIZED OUTSIDE AIR DAMPER, MERV13 FILTERS.
 3. PROVIDE SEISMIC ROOF CURB. COORDINATE CURB HEIGHT WITH ARCHITECTURAL PLANS TO ACCOUNT FOR ROOF INSULATION. EQUIPMENT SHALL BE A MINIMUM OF 12" ABOVE THE ROOF SURFACE.
 4. PROVIDE 7-DAY PROGRAMMABLE THERMOSTAT.

MAKE UP AIR UNIT SCHEDULE																	
TAG	AIR FLOW (CFM)	ESP (IN)	GAS TYPE	INPUT (MBH)	OUTPUT (MBH)	MIN. EFF	EAT	LAT	FAN HP	VOLTS	PHASE	MCA	MOP	MANUFACTURER	MODEL	WEIGHT	NOTES

NOTES:
 1. MAU CONTROL IS VIA HOOD CONTROL PANEL. COORDINATE WITH KITCHEN EQUIPMENT SUPPLIER.
 2. PROVIDE SUPPLY AIR DISCHARGE DAMPER
 3. PROVIDE SEISMIC ROOF CURB. COORDINATE CURB HEIGHT WITH ARCHITECTURAL PLANS TO ACCOUNT FOR ROOF INSULATION. EQUIPMENT SHALL BE A MINIMUM OF 12" ABOVE THE ROOF SURFACE.

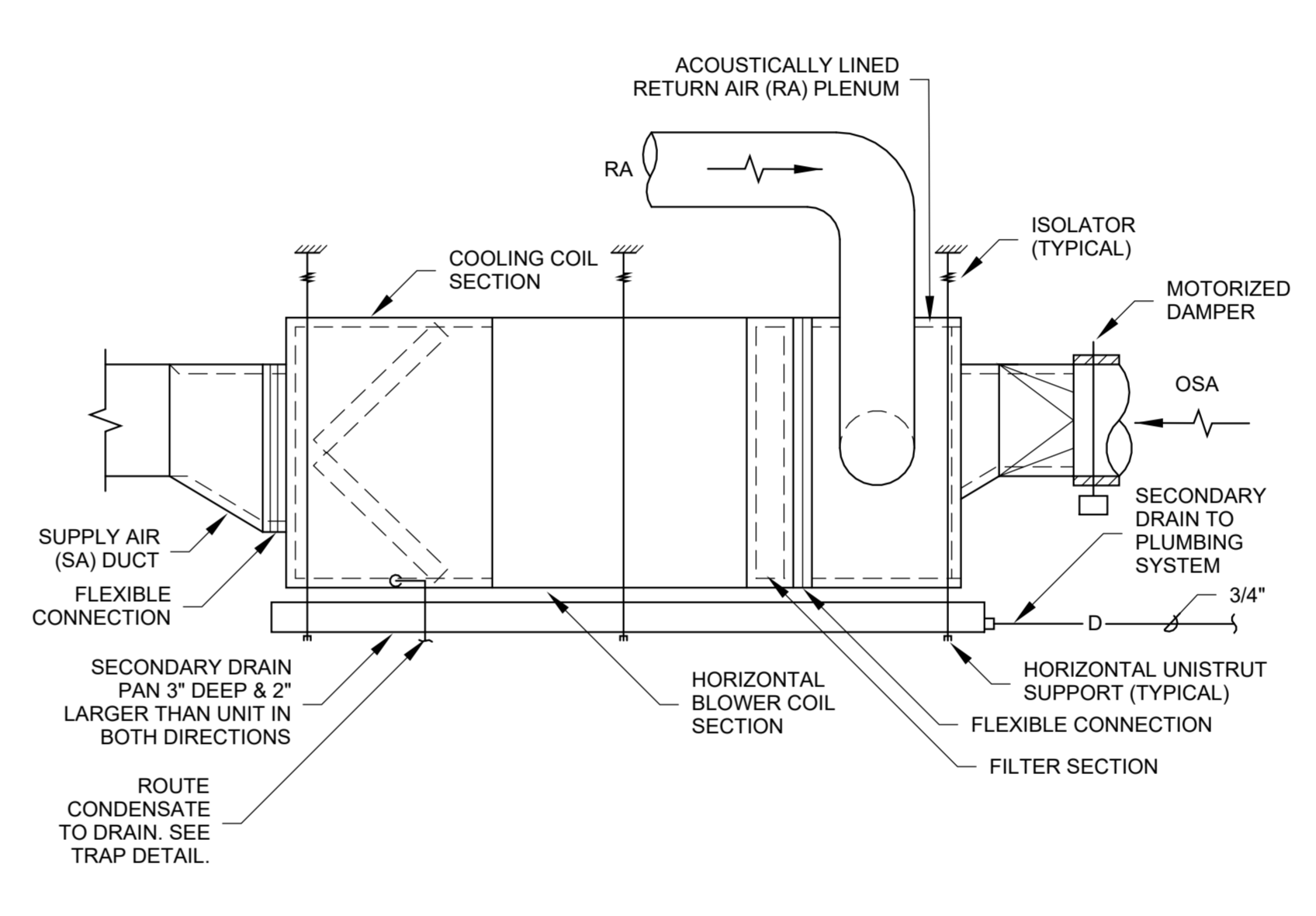


4 CONDENSATE TRAP DETAIL
NTS

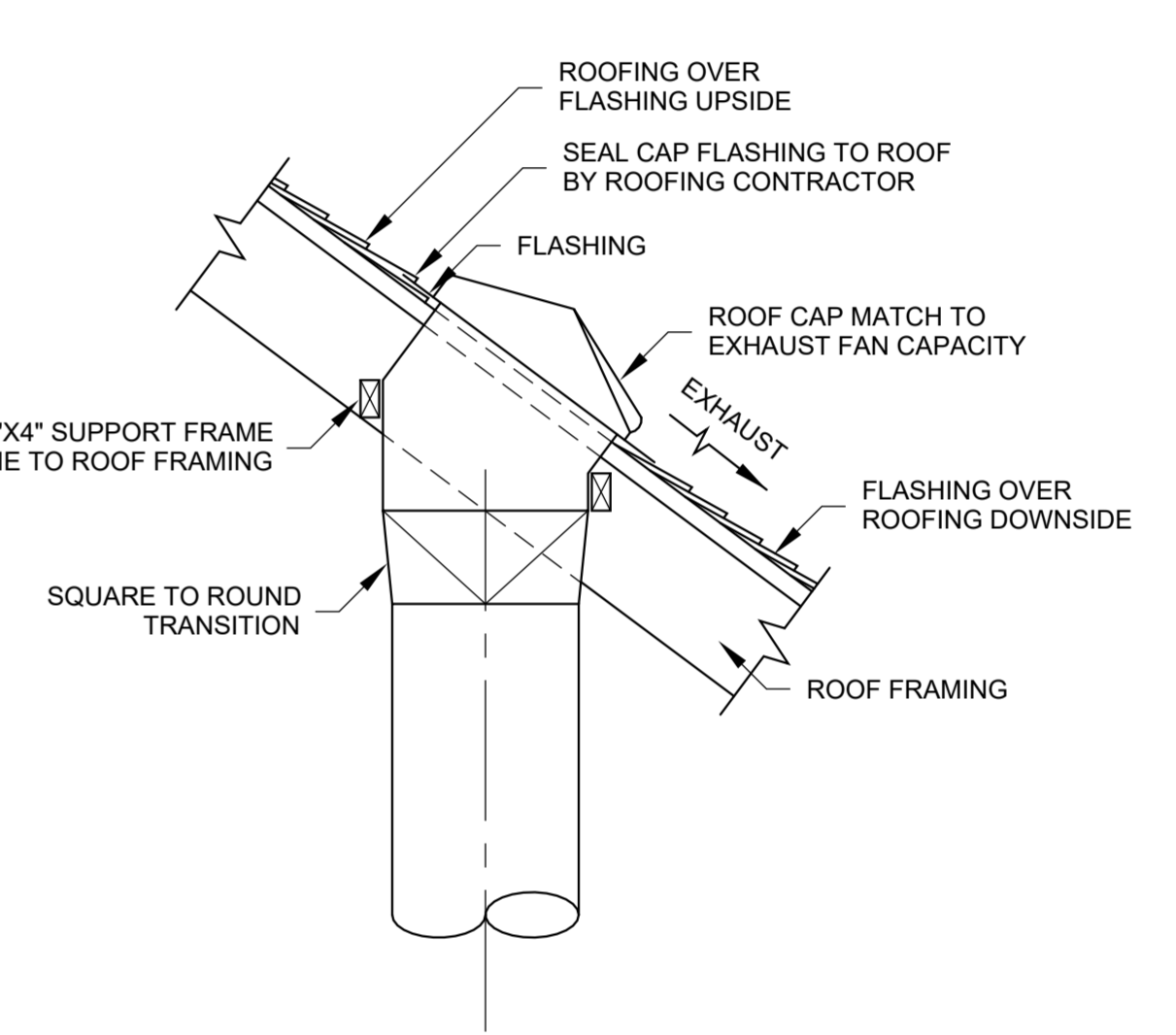


3 ROOFTOP PACKAGED HEAT PUMP UNIT
NTS

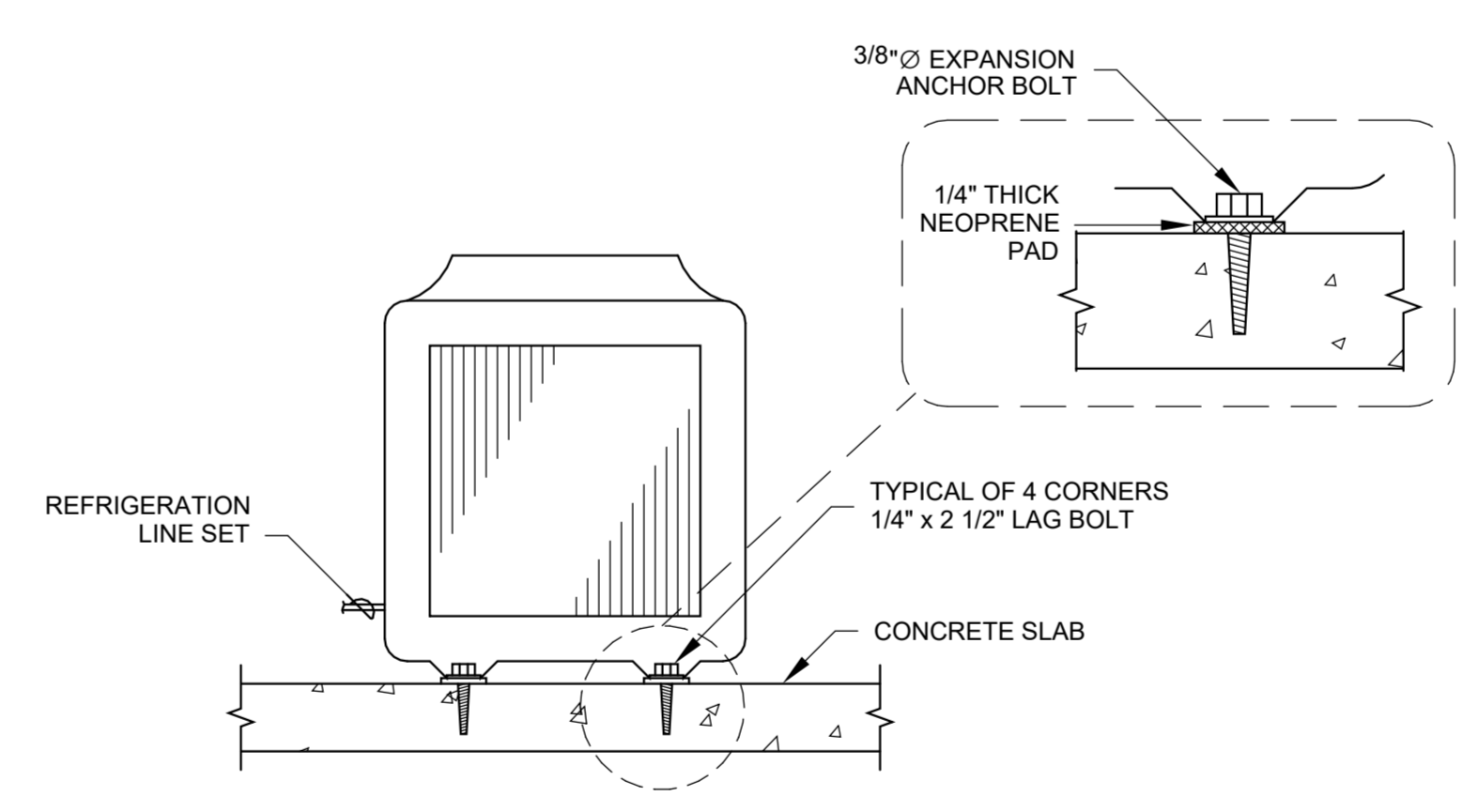
NOTE:
 1. SEE ARCHITECTURAL PLANS FOR ROOF CONSTRUCTION AND PITCH.



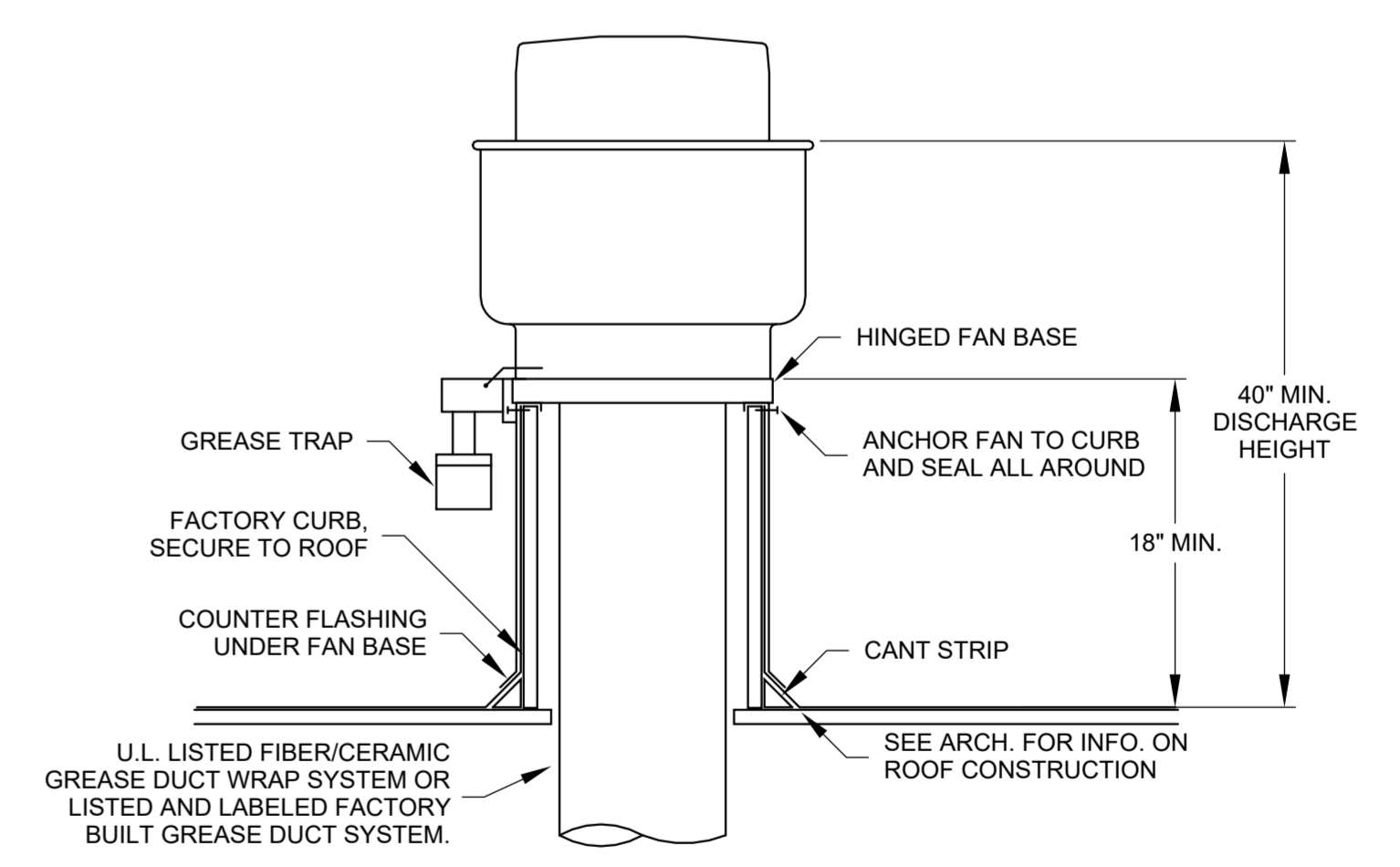
2 SUSPENDED HORIZONTAL FAN COIL DETAIL
NTS



1 EXHAUST FAN ROOF CAP - TYPICAL
NTS



6 OUTDOOR CONDENSING UNIT
NTS



5 ROOF MOUNTED EXHAUST FAN DETAIL
NTS

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 APN: 032-011-006-000

MECHANICAL SCHEDULES & DETAILS

PROJECT: 2318
 DATE: 12/9/2024
 ISSUE: 100 CD SET

No.	Description	Date

M00.10

FIXTURE TAG	FIXTURE	MANUFACTURER	MODEL	TYPE	MATERIAL	MOUNTING	COMMENTS	ADA	ITEM	TRIM / ACCESSORIES			ELECTRICAL	BRANCH PIPE (IN)				NOTES
										MANUFACTURER	MODEL	FEATURES		CW	HW	DRAIN	VENT	
DF-1	DRINKING FOUNTAIN	ELKAY	LZSTL8WSSP	BI-LEVEL	STAINLESS STEEL FINISH	FLOOR	CHILLED & FILTERED 8 GPH. BOTTLE FILLING STATION.	YES	-	-	-	-	115V, 5A	3/8"	-	1-1/2"	1-1/4"	1,2,5
DW-1	DISHWASHER - COMMERCIAL	PROVIDED BY KITCHEN EQUIPMENT CONTRACTOR			FLOOR	PROVIDED BY KITCHEN EQUIPMENT CONTRACTOR			208V, 1PH, 24.2A	3/4"	3/4"	3/4"	1-1/4"	1-1/4"				
FD-1	FLOOR DRAIN - 2" DRAIN	JAY R. SMITH	2005	N/A	BRONZE	FLOOR	5" ROUND STRAINER, WITH TRAP PRIMER CONNECTION.	-	-	-	-	-	-	-	2"	1-1/2"		
FS-1	FLOOR SINK - 2"	ZURN	Z1900	12" X 12" X 6"	PORCELAIN-COATED CAST IRON	FLOOR	HALF GRATE AND DEBRIS STRAINER, WITH TRAP PRIMER CONNECTION.	-	-	-	-	-	-	-	2"	1-1/2"		
GI-1	GREASE INTERCEPTOR	SCHIER	GB-50	60 GALLON LIQUID CAPACITY, 439 LB GREASE LOAD CAPACITY @ 50 GPM, 4" INLET, 4" OUTLET.	POLYETHYLENE	IN-GROUND COVER FLUSH WITH FLOOR.	FURNISH AND INSTALL WITH ANTI-FLOATATION ANCHOR KIT. TYPE D CERTIFIED.	-	ANCHOR KIT RISER	SCHIER	AK1 FCR2	-	-	-	4"			
HB-1	HOSE BIBB - EXTERIOR	WOODFORD	MODEL B67	N/A	BRASS	WALL	FREEZE LESS, BACKFLOW PROTECTED, FLUSH IN-WALL LOCKING CHROME ENCLOSURE.	-	-	-	-	-	-	-	3/4"	-	-	1
IM-1	ICE MACHINE	PROVIDED BY KITCHEN EQUIPMENT CONTRACTOR			FLOOR	PROVIDED BY KITCHEN EQUIPMENT CONTRACTOR												
L-1	LAVATORY	OFCI			WALL	WHITE. 0.5 GPM FAUCET.	YES			OFCI				1/2"	1/2"	1-1/4"	1-1/4"	1,2
L-2	LAVATORY - KITCHEN	PROVIDED BY KITCHEN EQUIPMENT CONTRACTOR			WALL		YES			PROVIDED BY KITCHEN EQUIPMENT CONTRACTOR				1/2"	1/2"	1-1/2"	1-1/4"	1
MV-1	MIXING VALVE - LAVS	ACORN	ST70CP-12	THERMOSTATIC MIXING VALVE	BRASS	PIPE/WALL	CHECK STOPS, ASSE 1070.	-	-	-	-	-	-	1/2"	1/2"	-	-	
PRV-1	PRESSURE REDUCING VALVE	WATTS	LF223-HP 2.0	-	CAST IRON	PIPE	LEAD FREE	-	-	-	-	-	-	1"	-	-	-	
RD-1	ROOF DRAIN	MIFAB	R1150 SERIES	ROOF DRAIN AND OVERFLOW	STEEL BODY AND METAL DOME	ROOF	DOME STRAINERS.	-	-	-	-	-	-	-	-	3"	-	
RD-2	ROOF DRAIN NOZZLE	MIFAB	R1940 SERIES	N/A	BRONZE	WALL	STANDARD FINISH	-	-	-	-	-	-	-	-	3"	-	
S-1	3-COMPARTMENT SINK	PROVIDED BY KITCHEN EQUIPMENT CONTRACTOR			FLOOR	PROVIDED BY KITCHEN EQUIPMENT CONTRACTOR								1/2"	1/2"	1-1/2"	-	1
S-2	TABLE WITH SINK	PROVIDED BY KITCHEN EQUIPMENT CONTRACTOR			FLOOR	PROVIDED BY KITCHEN EQUIPMENT CONTRACTOR								1/2"	1/2"	1-1/2"	-	1
S-3	SINK - MOP CABINET	PROVIDED BY KITCHEN EQUIPMENT CONTRACTOR			FLOOR	PROVIDED BY KITCHEN EQUIPMENT CONTRACTOR								1/2"	1/2"	2"	1-1/2"	1
S-4	SINK - MOP	E.L. MUSTEE & SONS	63M	24" X 24" TUB	STRUCTURAL FIBERGLASS	FLOOR	MARBLEIZED WHITE FINISH. PROVIDE WITH: - MODEL 65.700 HOSE AND HOLDER. - MODEL 65.600 MOP HANGER WITH THREE HOLDERS. - MODEL 63.403 STAINLESS STEEL BUMPER GUARDS. - MODEL 67.2424 CORNER WALL GUARDS.	NO	FAUCET	E.L. MUSTEE	63.600A	-	-	1/2"	1/2"	2"	1-1/2"	1
S-5	SINK - BAR	ELKAY	BCR15	15"X15"X6-1/8" SINGLE BOWL	STAINLESS STEEL	DROP-IN	SINGLE BOWL	YES	FAUCET	ELKAY	LKGT1042	-	-	1/2"	1/2"	2"	1-1/2"	1
S-6	OUTDOOR SINK	PROVISIONS FOR FUTURE INSTALLATION												1/2"	1/2"	2"	1-1/2"	1
U-1	URINAL	OFCI			WALL MOUNT	3/4" TOP SPUD, WHITE. 0.5 GPF.	YES			OFCI				3/4"	-	2"	2"	1,2,5
WB-1	WATER BOX	SIOUX CHIEF	696-G1010	OUTLET BOX, NO-LEAD VALVES, WITH ARRESTER.	ABS BOX; BRASS VALVES	WALL		-	-	-	-	-	-	1/2"	-	-	-	
WB-2	WATER VALVE BOX	SIOUX CHIEF	687 SERIES	BALL VALVE ACCESS BOX	ABS BOX; BRASS VALVES	WALL		-	-	-	-	-	-	1/2"	-	-	-	
WC-1	WATER CLOSET - FLUSHOMETER	OFCI			FLOOR MOUNT	ELONGATED, 1-1/2" TOP SPUD, WHITE. 1.28 GPF.	YES			OFCI				1"	-	3"	2"	1,2,3,4
YD-1	YARD HYDRANT	WOODFORD	MODEL S3-1	SANITARY		GROUND	BACKFLOW PROTECTED, AUTOMATIC DRAINING, FREEZELESS, 1' BURY DEPTH.	NO	-	-	-	-	-	1"	-	-	-	

NOTES: 1. ALL PUSH BUTTONS, VALVES, KNOBS AND LEVERS MUST BE OPERABLE WITH ONE HAND, WITHOUT TWISTING THE WRIST OR TIGHTLY GRASPING OR PINCHING THE CONTROL. THE MAXIMUM FORCE REQUIRED TO OPERATE A FAUCET OR CONTROL MUST NOT EXCEED 5 POUNDS. SELF-CLOSING FAUCETS SHALL REMAIN OPEN FOR A MINIMUM OF 10 SECONDS.
2. SEE ARCHITECT'S PLANS FOR LOCATIONS OF ADA COMPLIANT FIXTURES.
3. PROVIDE WATER CLOSET WITH ELONGATED OPEN FRONT SEAT FROM THE SAME MANUFACTURER OF WATER CLOSET.
4. PROVIDE WATER CLOSET TRIP LEVER ON SIDE OPPOSITE OF THE ADJACENT WALL. COORDINATE ORIENTATION WITH PLAN VIEW.
5. PROVIDE SUPPORT BRACKETS AND CARRIERS FOR MOUNTING PLUMBING FIXTURES. COORDINATE WITH THE ARCHITECTURAL PLANS AND MANUFACTURER'S INSTALLATION INSTRUCTIONS TO DETERMINE MOUNTING REQUIREMENTS.

BUILDING GAS SUPPLY		
TAG	DESCRIPTION	USAGE (MBH)
-	CONVECTION OVEN	144
-	KITCHEN RANGE	290
-	OUTDOOR BBQ	100
MUA-1	MAKE UP AIR UNIT	87.5
WH-1	WATER HEATER	120
TOTAL BUILDING LOAD:		742

SUPPLY PIPE SIZE
FUEL TYPE: LPG
INLET PRESSURE (IN WC), NOTE 2: 11.0
PRESSURE DROP (IN WC): 0.5
MAXIMUM DEVELOPED LENGTH (FT): 66
SITE DEMAND (MBH): 742
SITE DEMAND (SCFH): 298
SUPPLY PIPE SIZE (IN): NOTE 3

NOTES: 1. OMSC, TABLE 1215.2(27)
2. INLET PRESSURE TO EACH DEVICE IS PROVIDED FROM THE SECOND-STAGE REGULATOR.
3. COORDINATE WITH THE LP GAS SCHEMATIC.

WATER HEATER SCHEDULE																
TAG	MANUFACTURER / MODEL	TYPE	LOCATION	THERMAL EFFICIENCY	RECOVERY GPH AT 100°F RISE	WATER TEMP.		TANK VOLUME	ELECTRICAL	GAS			WEIGHT (LB)	CW CONNECTION	HW CONNECTION	NOTES
						IN	OUT			FUEL TYPE	INPUT CAPACITY (BTU/HR)	INPUT PRESSURE (INCHES OF WC)				
WH-1	AO SMITH / BTH-120 Mxi	PROPANE TANK TYPE	KITCHEN	0.95	138	50	140	60	120V, 1PH, 15A	PROPANE	120,000	8.5	961	1-1/2"	1-1/2"	1, 2
WH-2	AO SMITH / DEL-6S-2	ELECTRIC TANK TYPE	JAN CLOSET	-	-	50	120	6	120V, 1PH, 2KW	-	-	-	90	3/4"	3/4"	2

NOTES: 1. PROVIDE WITH EXPANSION TANK AND SHUTOFF VALVES.
2. SEE DETAILS FOR PIPING CONNECTIONS, VALVING AND OTHER ACCESSORIES TO BE PROVIDED.

CALIFORNIA GREEN BUILDING CODE (CGBC) COMPLIANCE TABLE											2341
CALGREEN WS-1: BASELINE WATER USE (NOTES 1, 2)											
FIXTURE TAG	FIXTURE TYPE	QUANTITY	FLOW RATE	UNITS	DURATION	UNITS	DAILY USES	UNITS	OCCUPANTS	GALLONS PER DAY	
	LAVATORY FAUCETS NONRESIDENTIAL	3	0.5 GPM	X	0.25 MIN.	X	3 PER DAY	X	50	= 56.3	
	KITCHEN FAUCETS	1	1.8 GPM	X	4 MIN.	X	1 PER DAY	X	50	= 360.0	
	FLUSHOMETER VALVE WATER CLOSETS	3	1.28 GAL/FLUSH	X	1 FLUSH	X	3 PER DAY	X	50	= 576.0	
	URINALS	1	0.125 GAL/FLUSH	X	1 FLUSH	X	2 PER DAY	X	50	= 12.5	
TOTAL DAILY BASELINE WATER USE =										632.3	


DESIGNED WATER USE (NOTE 2)										
FIXTURE TAG	FIXTURE TYPE	QUANTITY	FLOW RATE (GPM), NOTE 3	UNITS	DURATION	UNITS	DAILY USES	UNITS	OCCUPANTS	GALLONS PER DAY
L-1	LAVATORY FAUCETS NONRESIDENTIAL	3	0.5	GPM	X	0.25	MIN.	X	3	PER DAY X 50 = 56.3
S-5	KITCHEN FAUCETS	1	1.8	GPM	X	4	MIN.	X	1	PER DAY X 50 = 360.0
WC-1	FLUSHOMETER VALVE WATER CLOSETS	3	1.28	GAL/FLUSH	X	1	FLUSH	X	3	PER DAY X 50 = 576.0
U-1	URINALS	1	0.125	GAL/FLUSH	X	1	FLUSH	X	2	PER DAY X 50 = 12.5
PROPOSED WATER USE =										632.3
ALLOWABLE WATER USE PER WS-1 =										632.3
PROPOSED WATER USE LESS THAN OR EQUAL TO BASELINE WATER USE? (PER 2022 CALGREEN 5.303)										YES

NOTES: 1. TABLE IS BASED ON 2022 CGBC, CHAPTER 8, WORKSHEET WS-1.
2. TABLE INCLUDES ONLY THE FIXTURES APPLICABLE TO THIS PROJECT. NOT ALL FIXTURES LISTED IN 2022 CGBC, CHAPTER 8, WORKSHEET WS-1 ARE INCLUDED IN THIS TABLE.
3. NOTED FLOW RATE IS AS SPECIFIED IN THE PLUMBING EQUIPMENT SCHEDULE IN THIS DRAWING PACKAGE. FLOW RATES MEET THE REQUIREMENTS OF 2022 CGBC, PARAGRAPH 5.303.


PLUMBING FIXTURE UNIT SUMMARY						
TAG	QUANTITY	WATER SUPPLY FIXTURE UNITS PER CPC TABLE A103.1		DRAINAGE FIXTURE UNITS PER CPC TABLE 702.1		NOTES
		EACH	EXTENDED	EACH	EXTENDED	
DF-1	1	0.5	0.5	0.5	0.5	
DW-1	1	1.5	1.5	2.0	2.0	
HB-1	1	2.5	2.5	-	-	
L-1	2	1.0	2.0	1.0	2.0	
L-2	1	1.0	1.0	1.0	1.0	
S-1	1	2.0	4.0	3.0	6.0	
S-2	1	1.5	1.5	3.0	3.0	
S-3	1	3.0	3.0	3.0	3.0	
S-4	1	3.0	3.0	3.0	3.0	
S-5	1	1.0	1.0	1.0	1.0	
S-6	1	1.5	1.5	2.0	2.0	
IM-1	1	0.5	0.5	0.5	0.5	
U-1	1	4.0	4.0	2.0	2.0	
WC-1	3	5.0	15.0	4.0	12.0	
YD-1	1	1.0	1.0	-	-	
TOTALS:		42.0	-	-	38.0	

WATER SYSTEM DESCRIPTION	
TOTAL FIXTURE UNITS (FU)	42
TOTAL FLOW (GPM)	46.7
SUPPLY PIPE SIZE (IN)	2" Pipe
WATER METER SIZE (IN)	1 1/2"
MAXIMUM FLUID VELOCITY (FT/SEC)	6.0
MINIMUM PRESSURE AT HIGHEST FIXTURE (PSI)	15.0
ELEVATION AT MOST REMOTE FIXTURE (FT)	6.0
LOSS IN STATIC PRES (PSI)	2.6
MINIMUM WATER MAIN PRESSURE (PSI) (NOTE 2)	60.0
WATER METER PRESSURE LOSS (PSI)	0.0
SYSTEM DEVICES PRESSURE LOSS (PSI)	5.0
PRES AVAILABLE FOR FRICTION LOSS (PSI)	37.4
DEVELOPED LENGTH (FT)	163
PERMISSIBLE FRICTION LOSS PER 100 FT (PSI)	23.0


NOTES: 1. CALCULATIONS PERFORMED PER CPC, APPENDIX A, CHART A103.1 AND A105.1(2).
2. MAIN PRESSURE IS 73 PSI PER GARBERVILLE FIRE CHIEF 08/13/24. PRV TO REDUCE TO 60 PSI.



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Humboldt County, California
APN: 032-011-006-000

PLUMBING SCHEDULES

PROJECT: 2318
DATE: 12/09/24
ISSUE: 100 CD SET

No.	Description	Date

P00.10

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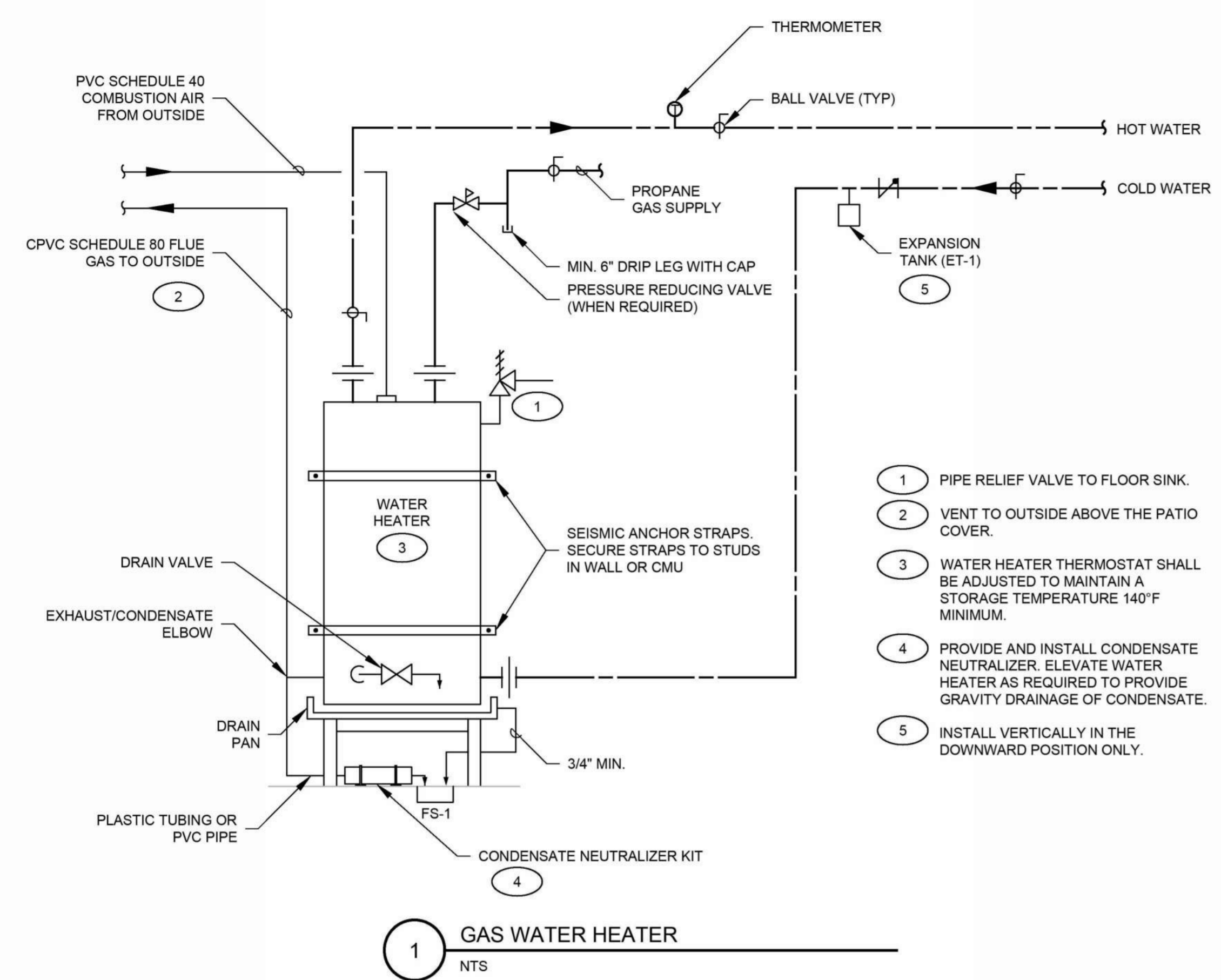
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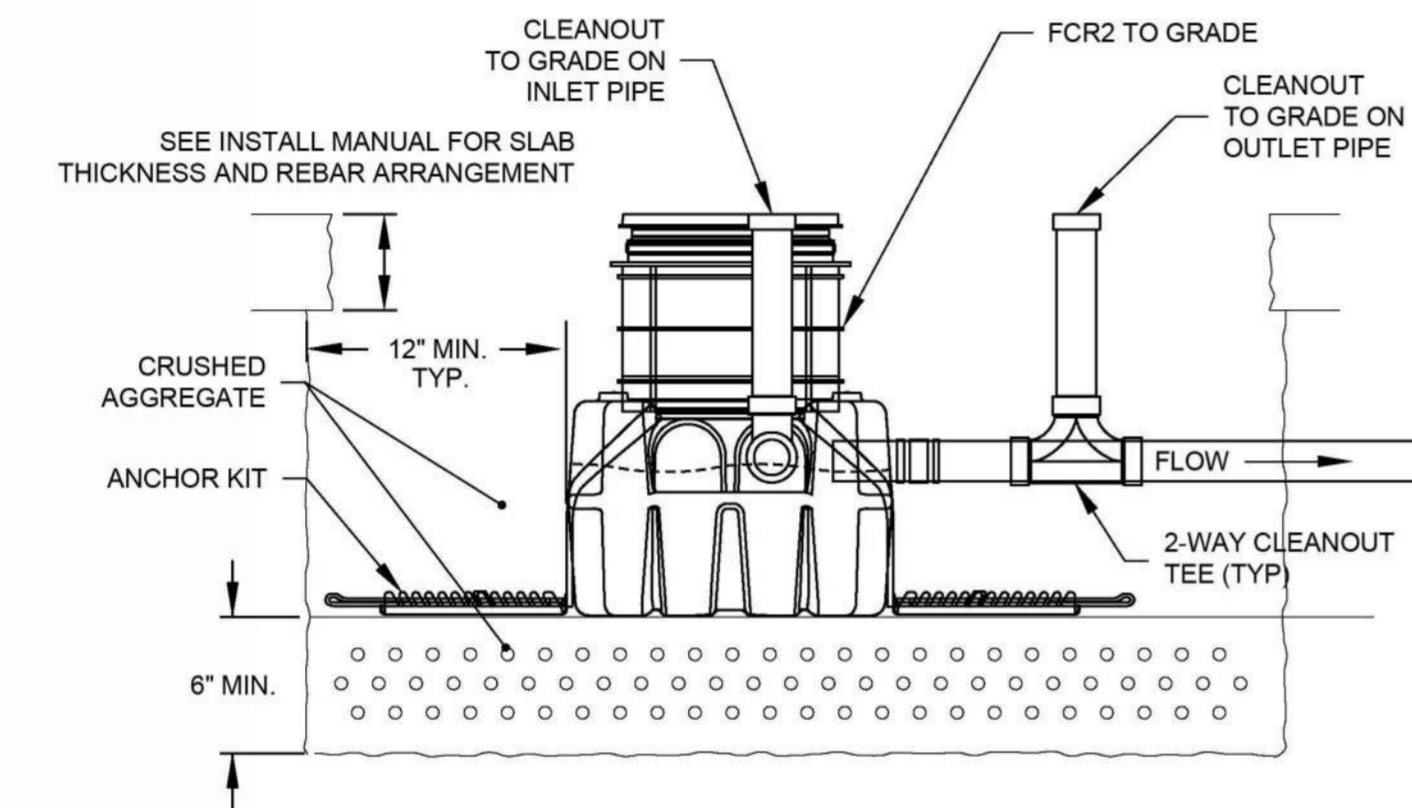
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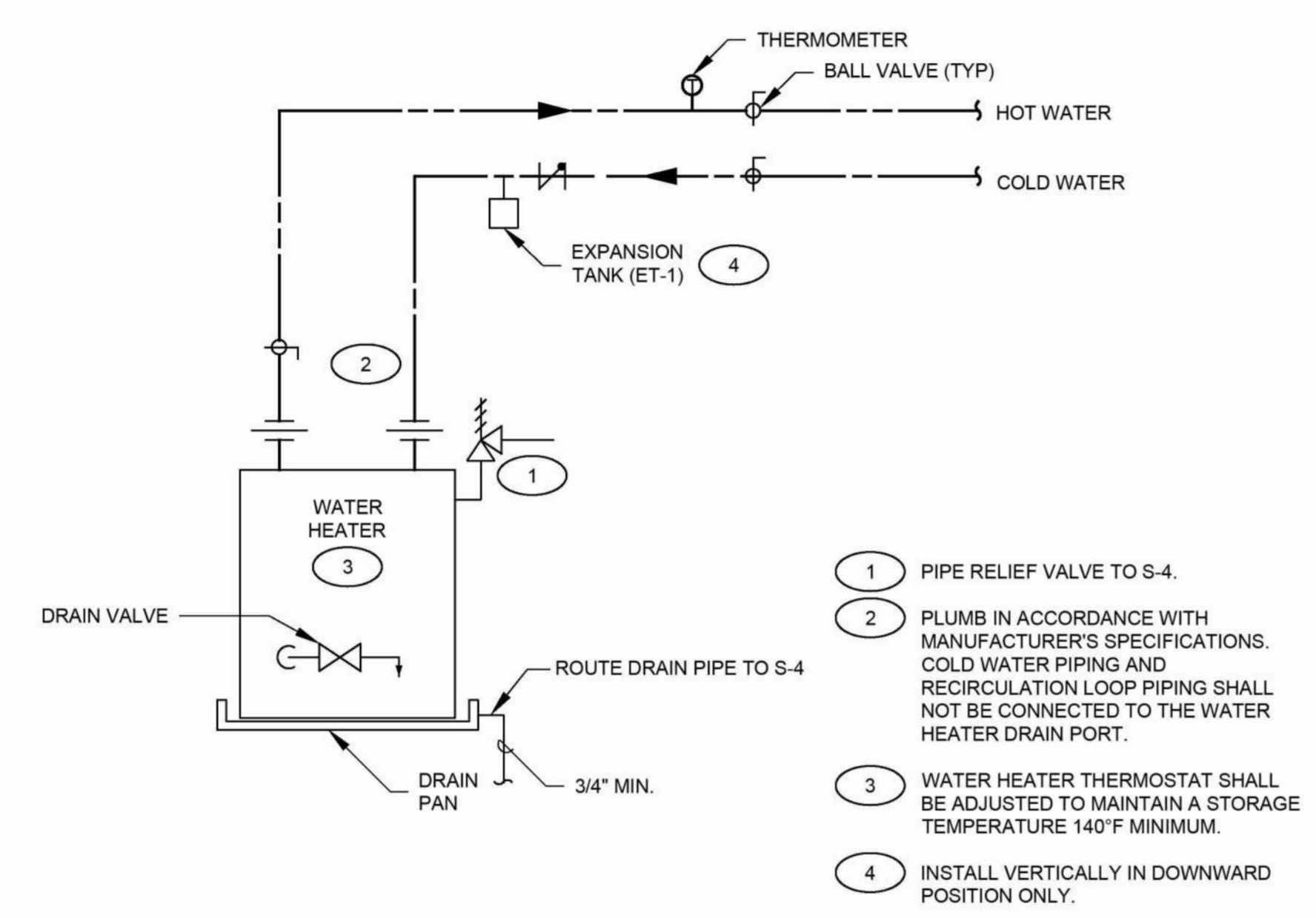
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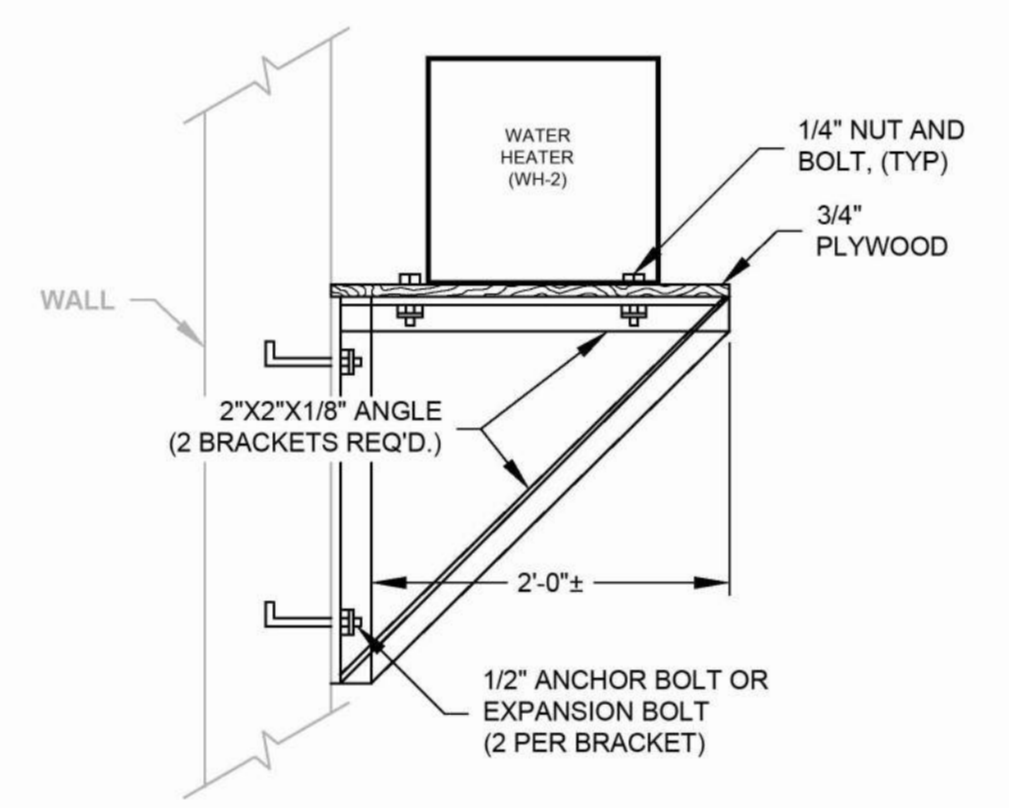
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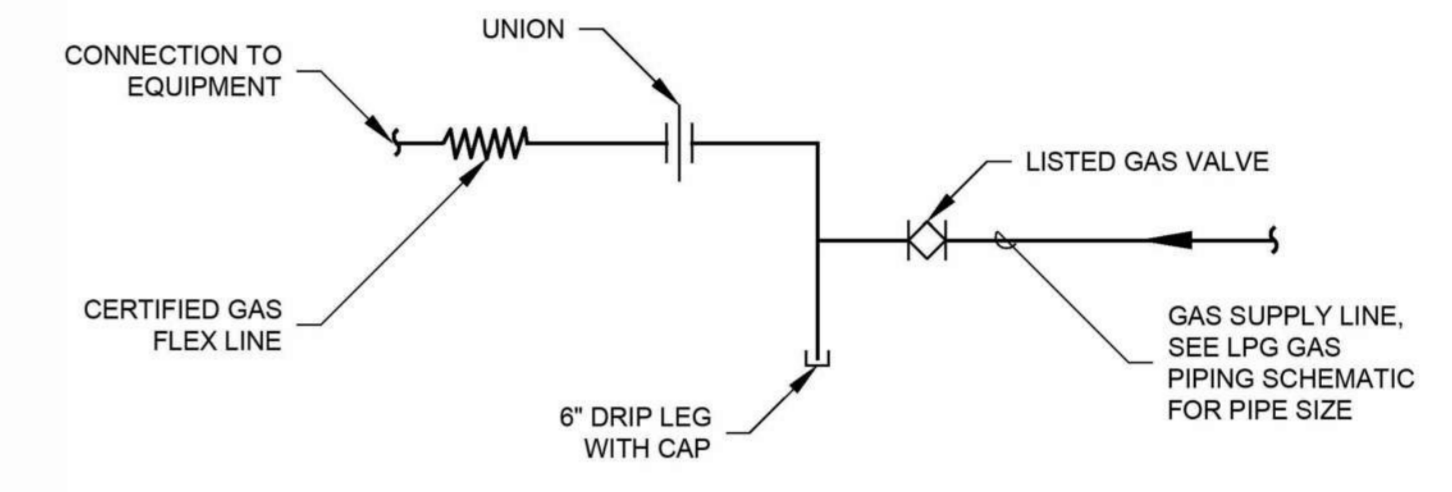
4 GREASE INTERCEPTOR
NTS



2 ELECTRIC WATER HEATER
NTS



WALL MOUNTED WATER HEATER
NTS

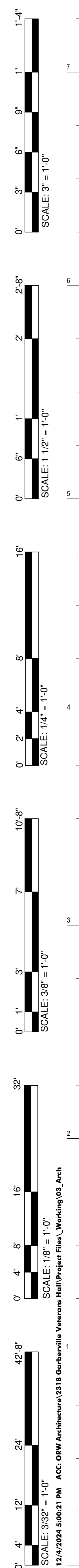


3 PROPANE GAS HOOK-UP TO EQUIPMENT
NTS

PROJECT: 2318
 DATE: 12/09/24
 ISSUE: 100 CD SET

No.	Description	Date

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ELECTRICAL SYMBOLS

<p>FIXTURE IDENTIFICATION (REFER TO LIGHTING FIXTURE SCHEDULE)</p> <p>NUMBER OF FIXTURES IN THIS GROUP</p> <p>CEILING-MOUNTED FIXTURE</p> <p>WALL-MOUNTED FIXTURE</p> <p>WALL PACK RESTROOM</p> <p>POLE-MOUNTED FIXTURE</p> <p>SINGLE FACE EXIT SIGN - FILLED IN PORTION OF SYMBOL REPRESENTS THE FACE OF THE EXIT SIGN. - ARROW INDICATES THE DIRECTION OF EGRESS.</p> <p>DOUBLE FACED EXIT SIGN - FILLED IN PORTION OF SYMBOL REPRESENTS THE FACE OF THE EXIT SIGN. - ARROW INDICATES THE DIRECTION OF EGRESS.</p> <p>LINEAR FIXTURE</p> <p>FIXTURE WITH INTEGRAL BATTERY PACK (90-MINUTE)</p> <p>FAN/LIGHT COMBO</p> <p>EMERGENCY LIGHT</p> <p>EMERGENCY LIGHT & EXIT SIGN</p> <p>SMALL LETTER SUBSCRIPT ON SWITCH AND FIXTURE INDICATES SWITCHING. -NL = NIGHT LIGHT</p> <p>MONUMENT LIGHT</p>	<p>DUPLEX CONVENIENCE RECEPTACLE</p> <p>GFCI PROTECTED DUPLEX CONVENIENCE RECEPTACLE MOUNTED @ 42" AFF</p> <p>1/2 SWITCHED DUPLEX RECEPTACLE</p> <p>4-PLEX RECEPTACLE</p> <p>240/208V CONVENIENCE RECEPTACLE</p> <p>TWIST-LOCK RECEPTACLE RATINGS AS REQUIRED.</p> <p>SPECIAL PURPOSE RECEPTACLE</p> <p>CONDUIT PENETRATION</p> <p>JUNCTION BOX</p> <p>FAN</p> <p>TELEPHONE OUTLET, PROVIDE COVER PLATE WITH RJ45 JACK AND CAT6 CABLE HOMERUN TO TELEPHONE BACKBOARD.</p> <p>DATA/VOICE COMBINATION OUTLET, PROVIDE COVER PLATE (LEVITON OR EQUAL) WITH TWO RJ45 JACKS (8P8C) AND TWO CAT6 CABLE HOMERUNS TO MDF.</p> <p>DATA OUTLET, PROVIDE COVER PLATE WITH TWO RJ45 JACKS (LEVITON OR EQUAL) AND TWO CAT6 CABLE HOMERUNS TO MDF.</p> <p>DISCONNECTING MEANS, AS A MINIMUM, PROVIDE INSTALL TYPE, RATINGS, AND FUSING AS SHOWN ON THE DRAWINGS AND IN THE SPECIFICATIONS. COORDINATE FINAL REQUIREMENTS WITH THE MANUFACTURER OF THE EQUIPMENT TO BE INSTALLED. PROVIDE ENCLOSURES RATED FOR THE ENVIRONMENT IN WHICH THEY ARE INSTALLED. -F INDICATES FUSED DISCONNECT -B INDICATES CIRCUIT BREAKER -S INDICATES MOTOR-RATED TOGGLE SWITCH</p> <p>THERMOSTAT</p> <p>GROUND ROD</p> <p>CATV OUTLET AND SINGLE DUPLEX RECEPTACLE, WITH HDMI CONNECTION TO FLOOR BOX. SEE PLANS. PROVIDE COVER PLATE LEVITON OR EQUAL. INSTALL RG6U CABLE AND HOMERUN TO THE TELEPHONE BACKBOARD.</p> <p>FLOOR-MOUNTED RECEPTACLE AND DATA OUTLET BOX WITH TWO RJ45 JACKS 8P8C, LEVITON OR EQUAL WITH HDMI CONNECTION TO I.T. ROOM. FLOOR BOX SHALL BE FSR-FL-500P AND COVER FL-500P-CU OR EQUAL. PROVIDE BRASS ACCESS COVER SUITABLE FOR CARPET INSTALLATIONS.</p> <p>ADA PUSHBUTTON, 4"x4" BOX MOUNTED AT 48" AFF.</p> <p>CCTV CAMERA, WALL MOUNTED, 4"x4" BOX, INCLUDE 3/4" CONDUIT STUBBED, TO 6" ABOVE TOP PLATE OF WALL.</p> <p>WIRELESS ACCESS POINT. FURNISH AND INSTALL 4-INCH BOX WITH TWO CAT6 CABLE HOMERUNS TO THE I.T. ROOM.</p>	<p>SECTION OR DETAIL DESIGNATION (LETTER DESIGNATES SECTION, NUMBER DESIGNATES DETAIL)</p> <p>SHEET WHERE SECTION OR DETAIL IS TAKEN OR SHOWN</p> <p>CONDUIT EXPOSED</p> <p>CONDUIT EMBEDDED OR BURIED</p> <p>BOUNDARY LINE</p> <p>HOMERUN - DESTINATION & CIRCUIT INDICATED -LEADER SHOWS CONDUIT & CONDUCTOR SIZE -2 REPRESENTS THE NUMBER OF PARALLEL FEEDERS</p> <p>1 1/4" C-342-#6G 2(3" C-#350KCMIL)</p> <p>CONDUIT, STUBBED & CAPPED</p> <p>CONDUIT, STUBBED UP & CAPPED</p> <p>CONDUIT, UP</p> <p>CONDUIT, DOWN</p> <p>WATT-HOUR METER</p> <p>CURRENT TRANSFORMER</p> <p>SURGE CAPACITOR</p> <p>GROUND</p> <p>MOTOR, HORSEPOWER INDICATED ("X" INDICATES FRACTIONAL HORSEPOWER).</p> <p>FUSE</p> <p>SAFETY SWITCH (DISCONNECT SWITCH)</p> <p>CIRCUIT BREAKER & SIZE, SINGLE-POLE UNLESS NOTED OTHERWISE /2 = 2 POLE /3 = 3 POLE</p> <p>TRANSFORMER</p> <p>GENERATOR</p>
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DRAWING LIST

- E00.00 LEGEND AND GENERAL NOTES
- E00.10 ONE-LINE DIAGRAM
- E00.11 PANELBOARD SCHEDULES
- E01.00 SITE POWER/UNDERGROUND PLAN
- E02.00 BUILDING POWER PLAN
- E03.00 BUILDING LIGHTING PLAN
- E04.00 DETAILS
- E04.01 DETAILS
- E04.02 DETAILS

SCOPE OF WORK

THIS SET OF DRAWINGS COVERS THE POWER DISTRIBUTION AND LIGHTING DESIGN FOR A NEWLY CONSTRUCTED 3,700-SQUARE-FOOT VETERANS HALL IN GARBERVILLE, CALIFORNIA. THE WORK ASSOCIATED WITH THIS PROJECT INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING:

- SITE ELECTRIC UTILITIES AND COORDINATION (PG&E, ALEX MOSSMAN)
- SITE DATA UTILITIES AND COORDINATION.
- LOW VOLTAGE NETWORKING SYSTEM.
- LIGHTING SYSTEM AND CONTROLS.
- STANDBY GENERATOR AND ATS
- DESIGN/BUILD FIRE ALARM SYSTEM MEETING THE REQUIREMENTS OF THE PERFORMANCE SPECIFICATIONS.
- DESIGN/BUILD SOLAR PV SYSTEM MEETING THE REQUIREMENTS OF THE PERFORMANCE SPECIFICATIONS.

ABBREVIATIONS

A	AMP(S)	GFP	GROUND FAULT PROTECTION (EQUIPMENT)	NTS	NOT TO SCALE
AFCI	ARC FAULT CIRCUIT INTERRUPTER	GFR	GROUND FAULT RELAY	OL	OVERLOAD
AFF	ABOVE FINISHED FLOOR	GRS	GALVANIZED RIGID STEEL CONDUIT	PB	PULLBOX
AFG	ABOVE FINISHED GRADE	HP	HORSEPOWER	PC	PHOTOCELL
AIC	AMPS INTERRUPTING CAPACITY	HZ	HERTZ	PG&E	PACIFIC GAS & ELECTRIC
AL	ALUMINUM	IDF	INTERMEDIATE DISTRIBUTION FRAME	PNL	PANEL, PANELBOARD
ATS	AUTOMATIC TRANSFER SWITCH	IMC	INTERMEDIATE METAL CONDUIT	PV	PHOTOVOLTAIC
AWG	AMERICAN WIRE GAUGE	KCMIL	THOUSAND CIRCULAR MILLIMETERS	PVC	POLYVINYL CHLORIDE CONDUIT
CATV	CABLE TELEVISION	KW	KILOWATT	RECEPT	RECEPTACLE
CEC	CALIFORNIA ELECTRICAL CODE	LCP	LIGHTING CONTROL PANEL	SF	SQUARE FOOTAGE
CFL	COMPACT FLUORESCENT	MAX	MAXIMUM	SP	SPARE
CT	CURRENT TRANSFORMER	MDF	MAIN DISTRIBUTION FRAME	SS	304 STAINLESS STEEL
CU	COPPER	MIN	MINIMUM	SWGR	SWITCHGEAR
DC	DIRECT CURRENT	MLO	MAIN LUG ONLY	TSP	TWISTED SHIELDED PAIR
EA	EACH	MPOE	MAIN POINT OF ENTRY	TST	TYPICAL SHIELDED TRIAD
EMT	ELECTRICAL METALLIC TUBING	N	NEUTRAL	TV	TYPICAL
EXST.(E)	EXISTING	N/A	NOT APPLICABLE	V	VOLT(S)
FACP	FIRE ALARM CONTROL PANEL	NL	NIGHT LIGHT	W	WIRE
G	GROUND	NEC	NATIONAL ELECTRICAL CODE	WP	WEATHERPROOF
GFCI	GROUND FAULT CIRCUIT INTERRUPTER (PERSONNEL)			XFMR	TRANSFORMER

GENERAL NOTES

1. SEE ELECTRICAL SPECIFICATIONS.
2. UNLESS NOTED OTHERWISE, MOUNT RECEPTACLES AT 18 INCHES AND SWITCHES AT 42 INCHES ABOVE THE FLOOR. COORDINATE ALL RECEPTACLE LOCATIONS WITH ASSOCIATED CABINETRY AND WORK PLANE HEIGHTS. RECEPTACLES SHALL BE SPECIFICATION GRADE.
3. RECEPTACLES AND JUNCTION BOXES FOR DEDICATED USES ARE SHOWN IN APPROXIMATE LOCATIONS. COORDINATE WITH EQUIPMENT SUPPLIERS AND ARCHITECT FOR EXACT LOCATIONS.
4. DISTRIBUTE CATV/TELEPHONE FROM THEIR RESPECTIVE BACKBOARD TO EACH OUTLET LOCATION SHOWN ON THE PLANS. REFER TO INDIVIDUAL PLAN VIEWS FOR SPECIFIC INSTRUCTIONS FOR EACH FLOOR PLAN.
5. WIRING FOR ELECTRICAL DEVICES IS NOT SHOWN ON THESE PLANS. INSTEAD, ELECTRICAL DEVICES IN EACH ROOM ARE TAGGED WITH THE SOURCE PANELBOARD AND CIRCUIT NUMBER THAT FEEDS THE DEVICE IN THAT ROOM. DEVICES WITH THE SAME CIRCUIT SHALL BE DAISY-CHAINED.
6. VERIFY ALL WORK CONDITIONS PRIOR TO COMMENCING WORK, INCLUDING, BUT NOT LIMITED TO, DIMENSIONS, EQUIPMENT, STRUCTURAL ELEMENTS & MATERIALS INDICATED AS EXISTING. COORDINATE AMONG DISCIPLINES AND EQUIPMENT SUPPLIERS FOR INSTALLATION OF ALL MATERIALS & EQUIPMENT, ETC.
7. THIS IS A STANDARD LEGEND SHEET. THEREFORE, SOME SYMBOLS OR ABBREVIATIONS MAY APPEAR ON THIS SHEET AND NOT ON THE PLANS.
8. ITEMS SHOWN BOLD ON THESE DRAWINGS REPRESENT WORK THAT IS PART OF THIS CONTRACT. BOLD TEXT ASSOCIATED WITH EQUIPMENT SHOWN AS THIN DESCRIBES WORK TO BE PERFORMED ON THE EQUIPMENT AS PART OF THE CONTRACT.

LIGHTING FIXTURE SCHEDULE

FIXTURE TYPE	DESCRIPTION	OUTPUT (LUMENS)	COLOR TEMPERATURE	MOUNTING TYPE / HEIGHT	LOCATION	MANUFACTURER	MODEL	WATTAGE	VOLTAGE	CALCULATED VA (INCL. DRIVER)
A	LED 2' X 2' RECESSED TROFFER, CURVED DIFFUSER, 0-10V DIMMING DRIVER, COORDINATE DIFFUSER SELECTION WITH ARCHITECT. DLC LISTED.	3385	4000K	CEILING (RECESSED)	OFFICE	LITHONIA LIGHTING OR EQUAL	2BLT2	27	120	34
AB	SAME AS "A" EXCEPT WITH INTEGRAL EMERGENCY BATTERY BACKUP PROVIDING 1400 NOMINAL LUMENS FOR A MINIMUM OF 90 MINUTES	3385	4000K	CEILING (RECESSED)	OFFICE	LITHONIA LIGHTING OR EQUAL	2BLT2-EL14L	27	120	34
C	LED, 6" RECESSED DOWNLIGHT, 0-10V DIMMING DRIVER, STATIC LUMEN OUTPUT, STATIC COLOR TEMPERATURE, COORDINATE REFLECTOR AND REFLECTOR FLANGE COLOR WITH ARCHITECT. WHERE INSTALLED IN SLOPED CEILING, FURNISH AND INSTALL WITH SLOPED CEILING ADAPTER. COORDINATE SLOPE CEILING ANGLE WITH SLOPED CEILING ADAPTER TO SUIT INSTALLATION LOCATION.	2000	4000K	CEILING (RECESSED)	VARIES	LITHONIA LIGHTING OR EQUAL	LDN6	22.5	120	28
CB	SAME AS "C" EXCEPT WITH EMERGENCY BATTERY BACKUP PROVIDING ILLUMINATION FOR A MINIMUM OF 90 MINUTES	2000	4000K	CEILING (RECESSED)	VARIES	LITHONIA LIGHTING OR EQUAL	LDN6-E10WCP	22.5	120	28
CW	LED, 6" WAFER DOWNLIGHT, WET LOCATION RATED, TRIAC DIMMING, SELECTABLE COLOR TEMPERATURE, INITIAL SETTINGS SHALL BE AS SPECIFIED IN THIS FIXTURE SCHEDULE. TITLE 24 CERTIFIED.	1050	4000K	CEILING (RECESSED)	EXTERIOR	JUNO OR EQUAL	WF6	16	120	20
CWB	SAME AS "CW" EXCEPT WITH REMOTE EMERGENCY BATTERY BACKUP PROVIDING ILLUMINATION FOR A MINIMUM OF 90 MINUTES. LOCATE REMOTE BATTERY BACKUP IN ACCESSIBLE CEILING SPACE OR ELECTRICAL ROOM NEAR SOURCE PANELBOARD	1050	4000K	CEILING (RECESSED)	EXTERIOR	JUNO OR EQUAL	WF6 WITH IOTA IIS-25-I	16	120	20
D	LED, 4" DECORATIVE WALL MOUNTED LINEAR, WET LOCATION RATED, COORDINATE FINISH WITH ARCHITECT. JAB COMPLIANT.	2000	4000K	WALL (SURFACE)	EXTERIOR	AFX OR EQUAL	REAW	40	120	50
F	LED, IN-GRADE FLAGPOLE LIGHT, NARROW SPOT DISTRIBUTION, IP68 RATED, COORDINATE FINISH WITH ARCHITECT.	4205	4000K	IN-GRADE	FLAGPOLE	HYDREL OR EQUAL	M9700C	35	120	44
J	LED, 4" WRAP, 0-10V DIMMING, DLC LISTED	4800	4000K	CEILING (SURFACE)	VARIES	LITHONIA LIGHTING OR EQUAL	BLWP	40	120	50
K	LED 2' X 2' FLAT PANEL, 0-10V DIMMING DRIVER, NSF RATED, FIELD-SELECTABLE LUMEN OUTPUT AND COLOR TEMPERATURE, INITIAL SETTINGS SHALL BE AS SPECIFIED IN THIS FIXTURE SCHEDULE. WITH SURFACE MOUNTING KIT. DLC LISTED.	4400	4000K	CEILING (SURFACE)	KITCHEN	LITHONIA LIGHTING OR EQUAL	CPANL	31	120	39
KB	SAME AS "K" EXCEPT WITH REMOTE EMERGENCY BATTERY BACKUP ILLUMINATION FOR A MINIMUM OF 90 MINUTES. LOCATE REMOTE BATTERY BACKUP IN ACCESSIBLE CEILING SPACE OR IN VICINITY OF SOURCE PANELBOARD IN SUITABLY RATED ENCLOSURE.	4400	4000K	CEILING (SURFACE)	KITCHEN	LITHONIA LIGHTING OR EQUAL	CPANL WITH IOTA IIS-50-I	31	120	39
L8	LED, 8" LINEAR, COORDINATE FINISH WITH ARCHITECT. JAB COMPLIANT	907/FT	4000K	CEILING (RECESSED)	RESTROOM	CORONET OR EQUAL	LSR4	28	120	35
L12	LED, 12" LINEAR, DIRECT/INDIRECT, 0-10V DIMMING COORDINATE FINISH WITH ARCHITECT.	500 DIRECT PER FOOT / 1000 INDIRECT PER FOOT	4000K	CABLE SUSPENDED AT 9- FEET ABOVE FINISHED FLOOR	MEETING ROOM	MARK ARCHITECTURAL LIGHTING OR EQUAL	PLLR101D	156	120	195
LW4	LED, 4" LINEAR, MEDIUM OUTPUT, ASYMMETRIC OPTIC WALL WASH, 0-10V DIMMING, JAB COMPLIANT, COORDINATE FINISH WITH ARCHITECT.	2750	4000K	WALL (SURFACE) AT 8 FEET ABOVE FINISHED FLOOR	HALLWAY	CORONET OR EQUAL	LS1	22	120	28
LW8	LED, 8" LINEAR, MEDIUM OUTPUT, ASYMMETRIC OPTIC WALL WASH, 0-10V DIMMING, JAB COMPLIANT, COORDINATE FINISH WITH ARCHITECT.	5500	4000K	WALL (SURFACE) AT 8 FEET ABOVE FINISHED FLOOR	HALLWAY	CORONET OR EQUAL	LS1	44	120	55
S	LED, 24" ROUND PENDANT, DIRECT/INDIRECT, 0-10V DIMMING, CONCAVE LENS, COORDINATE FINISH WITH ARCHITECT.	5000 DIRECT / 3500 INDIRECT	4000K	CABLE SUSPENDED AT 9' AFF UNLESS OTHERWISE NOTED ON LIGHTING PLAN	VARIES	MARK ARCHITECTURAL LIGHTING OR EQUAL	MGLP	75	120	94
SB	SAME AS "S" EXCEPT WITH EMERGENCY BATTERY BACKUP PROVIDING ILLUMINATION FOR A MINIMUM OF 90 MINUTES	5000 DIRECT / 3500 INDIRECT	4000K	CABLE SUSPENDED AT 9' AFF UNLESS OTHERWISE NOTED ON LIGHTING PLAN	VARIES	ARCHITECTURAL LIGHTING OR EQUAL	MGLP-RE10WLCP	75	120	94
T	LED, TAPE LIGHT, IP67 WET RATED, FURNISH/INSTALL AS SHOWN ON DRAWINGS WITH Q-TRAN ALUMINUM EXTRUSION KIT WITH DIFFUSED LENS. COORDINATE WITH MANUFACTURER FOR POWER SUPPLY AND TAPE LIGHT LENGTH LIMITATIONS PRIOR TO ORDERING. FURNISH MOUNTING HARDWARE AS REQUIRED.	369/FT	4000K	SIGN ILLUMINATION (RECESSED IN WALL, COORDINATE MOUNTING WITH ARCHITECT PRIOR TO ROUGH-IN)	EXTERIOR	Q-TRAN LED OR EQUAL	SW2414.0	96	120	120
U	LED, TAPE LIGHT WITHIN MANUFACTURER RECOMMENDED SLIM CHANNEL, 4-FEET LONG, 0-10V DIMMING, MOUNTED WITH CABINETRY. PRIOR TO ROUGH-IN, COORDINATE MOUNTING REQUIREMENTS WITH CASEWORK INSTALLER.	1166	4000K	CEILING (SURFACE)	CLOSET	JUNO OR EQUAL	JFX24V	15.2	120	19
V	LED 3" LINEAR VANITY, DAMP LOCATION RATED	1922	3000K	WALL MOUNTED OVER MIRROR	RESTROOM	LITHONIA LIGHTING OR EQUAL	FMVCSL	26	120	33
W	LED, WALL MOUNT, TYPE 2 DISTRIBUTION, TITLE 20 CERTIFIED. COORDINATE FINISH WITH ARCHITECT.	2251	4000K	WALL MOUNTED AT HEIGHTS SHOWN ON PLANS.	EXTERIOR	LITHONIA LIGHTING OR EQUAL	MRW	20	120	25
WB	SAME AS "W" EXCEPT WITH INTEGRAL EMERGENCY BATTERY BACKUP PROVIDING ILLUMINATION FOR A MINIMUM OF 90 MINUTES	2251	4000K	WALL MOUNTED AT HEIGHTS SHOWN ON PLANS.	EXTERIOR	LITHONIA LIGHTING OR EQUAL	MRW-E20WC	20	120	25
X	LED (GREEN) EXIT SIGN WITH DIRECTIONAL ARROWS, WITH NICKEL-CADMIUM BATTERY BACK-UP, TITLE 20 CERTIFIED.	-	-	WALL MOUNTED 6 INCHES ABOVE DOOR (MEASURED TO BOTTOM OF FIXTURE) UNLESS NOTED OTHERWISE	EGRESS	LITHONIA LIGHTING OR EQUAL	EDG	5	120	6



John Hayes Veterans Memorial Building
 483 Conger Street, Garberville, CA 95542
 Humboldt County, California
 APN: 032-011-006-000

PROJECT: 2318
 DATE: 12/09/24
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LEGEND AND GENERAL NOTES

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2'-8"
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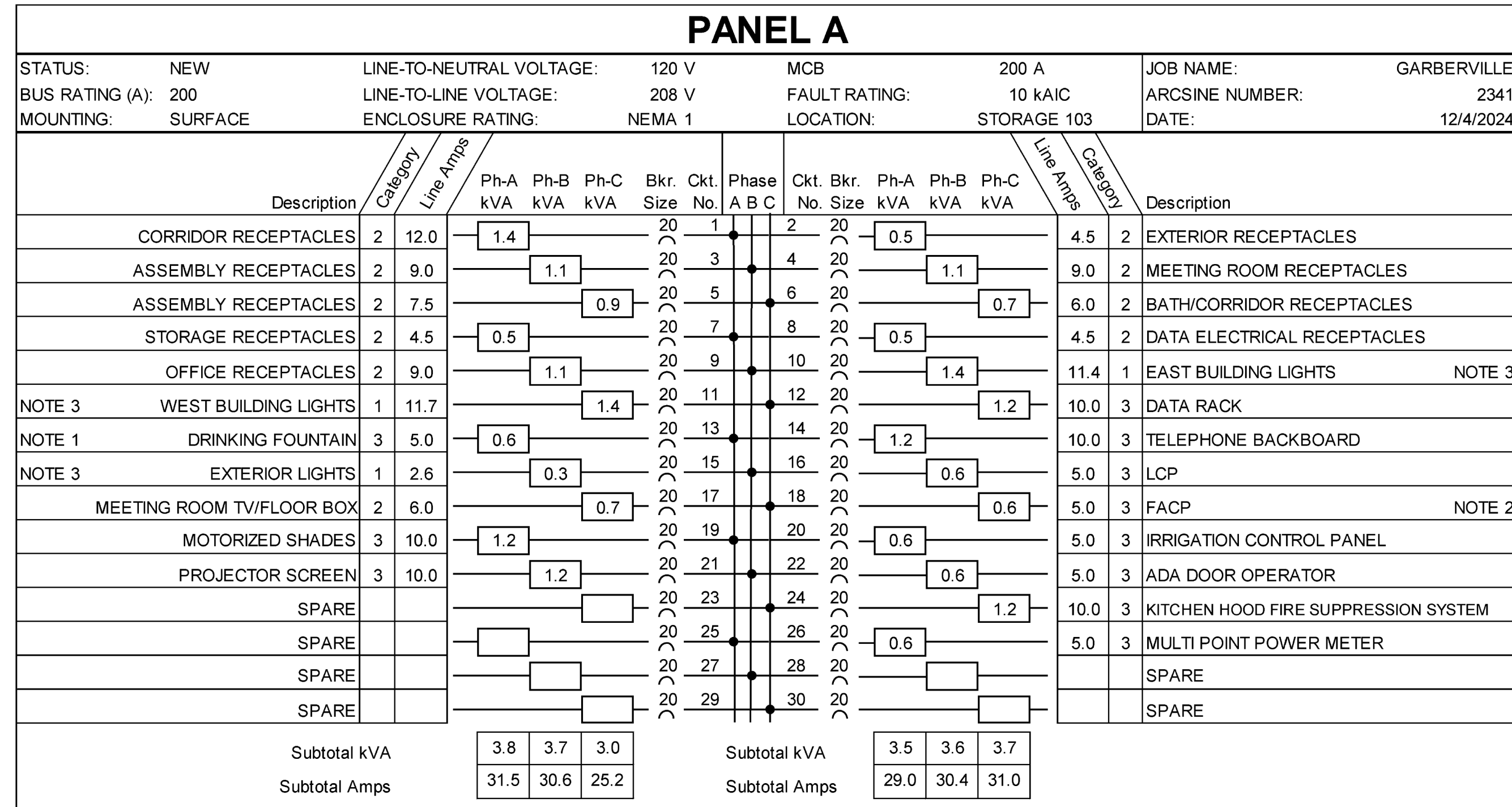
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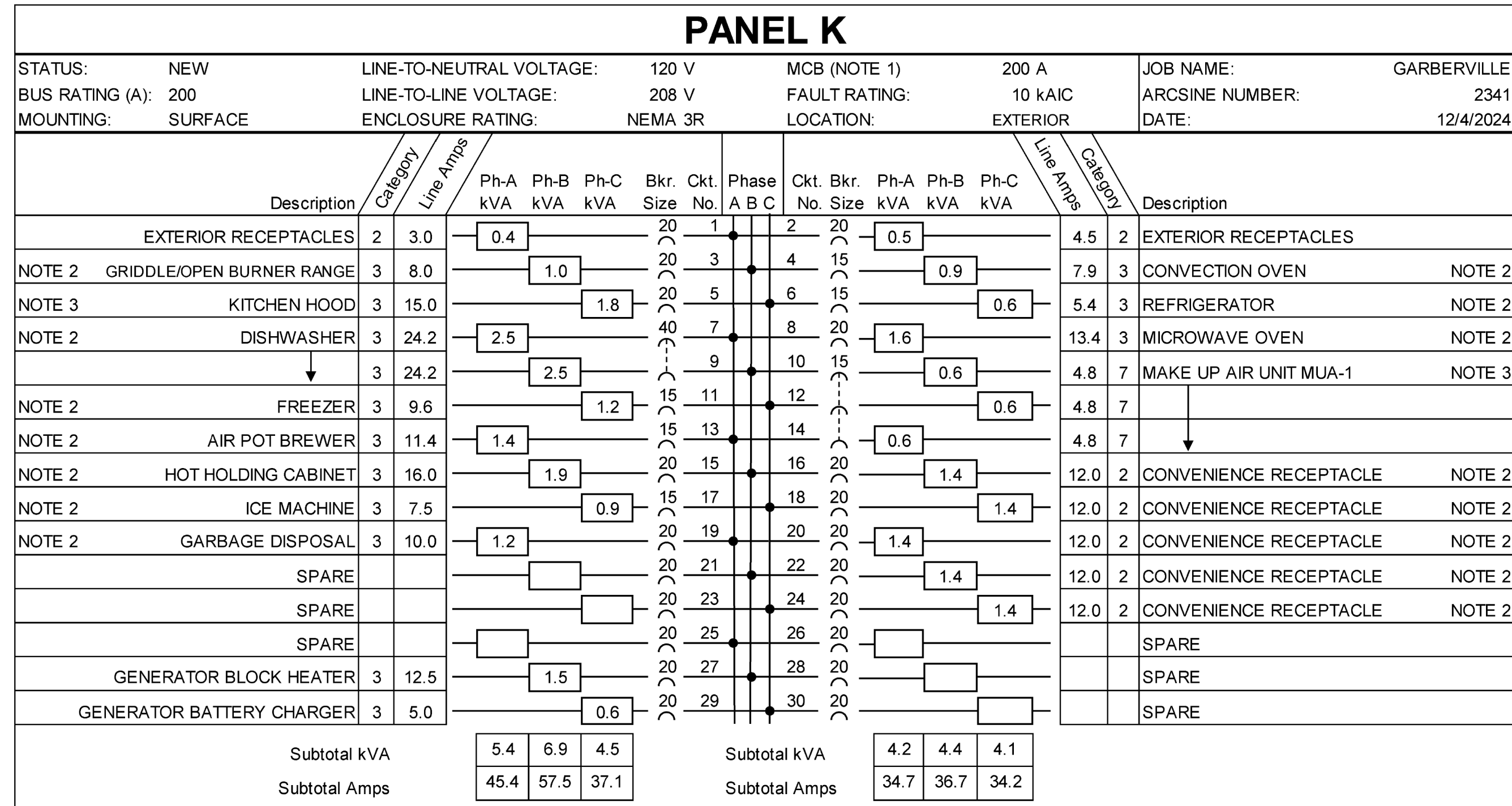
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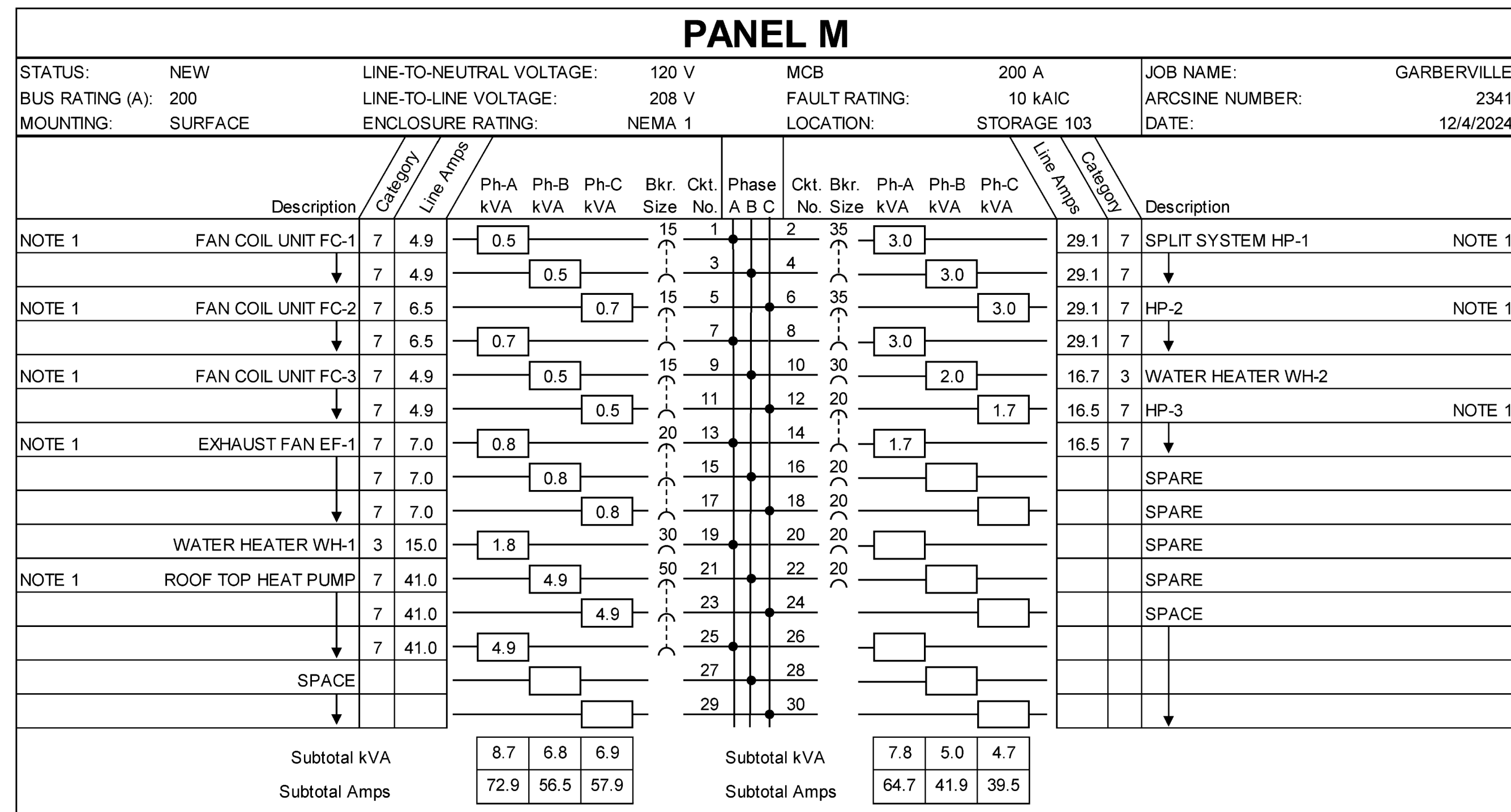
Notes:

- FURNISH AND INSTALL GFCI BREAKER.
- PROVIDE RED HANDLE BREAKER AND PERMANENTLY LABEL "FIRE ALARM".
- MONITOR LOAD VIA MULTIPPOINT MONITORING SYSTEM. SEE ONE-LINE FOR REQUIREMENTS.
-
-



Notes:

- PROVIDE TRIP INTERCONNECTION FROM THE HOOD CONTROLLER/FIRE SUPPRESSION SYSTEM IN THE KITCHEN TO THE MAIN CIRCUIT BREAKER. COORDINATE FUNCTIONALITY SUCH THAT MAIN BREAKER SHUTS OFF AFTER RECEIVING A SIGNAL FROM SYSTEM.
- FURNISH AND INSTALL GFCI RATED BREAKER.
- FURNISH AND INSTALL HACR RATED BREAKER. COORDINATE BREAKER REQUIREMENTS WITH MANUFACTURER OF EQUIPMENT TO BE INSTALLED PRIOR TO PANEL PURCHASE.
-
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Notes:

- FURNISH AND INSTALL HACR RATED BREAKER. COORDINATE BREAKER REQUIREMENTS WITH MANUFACTURER OF EQUIPMENT TO BE INSTALLED PRIOR TO PANEL PURCHASE.
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SHEET NOTES

- SEE LEGEND AND GENERAL NOTES ON SHEET E00.00.
- SEE NOTES ON INDIVIDUAL PANEL SCHEDULES.
- EXCEPT WHERE OTHERWISE NOTED, CONDUCTORS SHALL BE STRANDED WITH THIN INSULATION AND SHALL BE INSTALLED IN CONDUIT EXCEPT SOLID CONDUCTORS MAY BE USED FOR 15, 20, 25, AND 30 AMP BRANCH CIRCUITS. USE COPPER EXCEPT WHERE ALUMINUM (AL) IS INDICATED. FOR COPPER BRANCH WIRING USE THE FOLLOWING WIRE SIZES EXCEPT WHERE OTHERWISE INDICATED:

CIRCUIT PROTECTION (AMPS)	15	20	25	30	40	35	45	50	60	70
COPPER WIRE SIZE (AWG)	12	12	10	10	8	8	6	6	4	4
GROUNDING WIRE SIZE (AWG)	12	12	10	10	10	10	10	10	10	8
CONDUIT SIZE (EMT)	1/2"	1/2"	1/2"	1/2"	3/4"	3/4"	1"	1"	1 1/4"	1 1/4"

CIRCUIT PROTECTION (AMPS)	80	90	100	110	125	150	175	200	225	250
COPPER WIRE SIZE (AWG)	3	2	1	1	1/0	1/0	2/0	3/0	4/0	250
GROUNDING WIRE SIZE (AWG)	8	8	6	6	6	6	6	6	4	4
CONDUIT SIZE (EMT)	2"	2"	1 1/4"	1 1/4"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	2"	2"

DO NOT SHARE NEUTRALS IN BRANCH CIRCUIT WIRING.

KEY NOTES



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29 S SWANER STREET
GARBERVILLE, CA 95542
P 531-779-5237



SIGNED: 12/09/2024



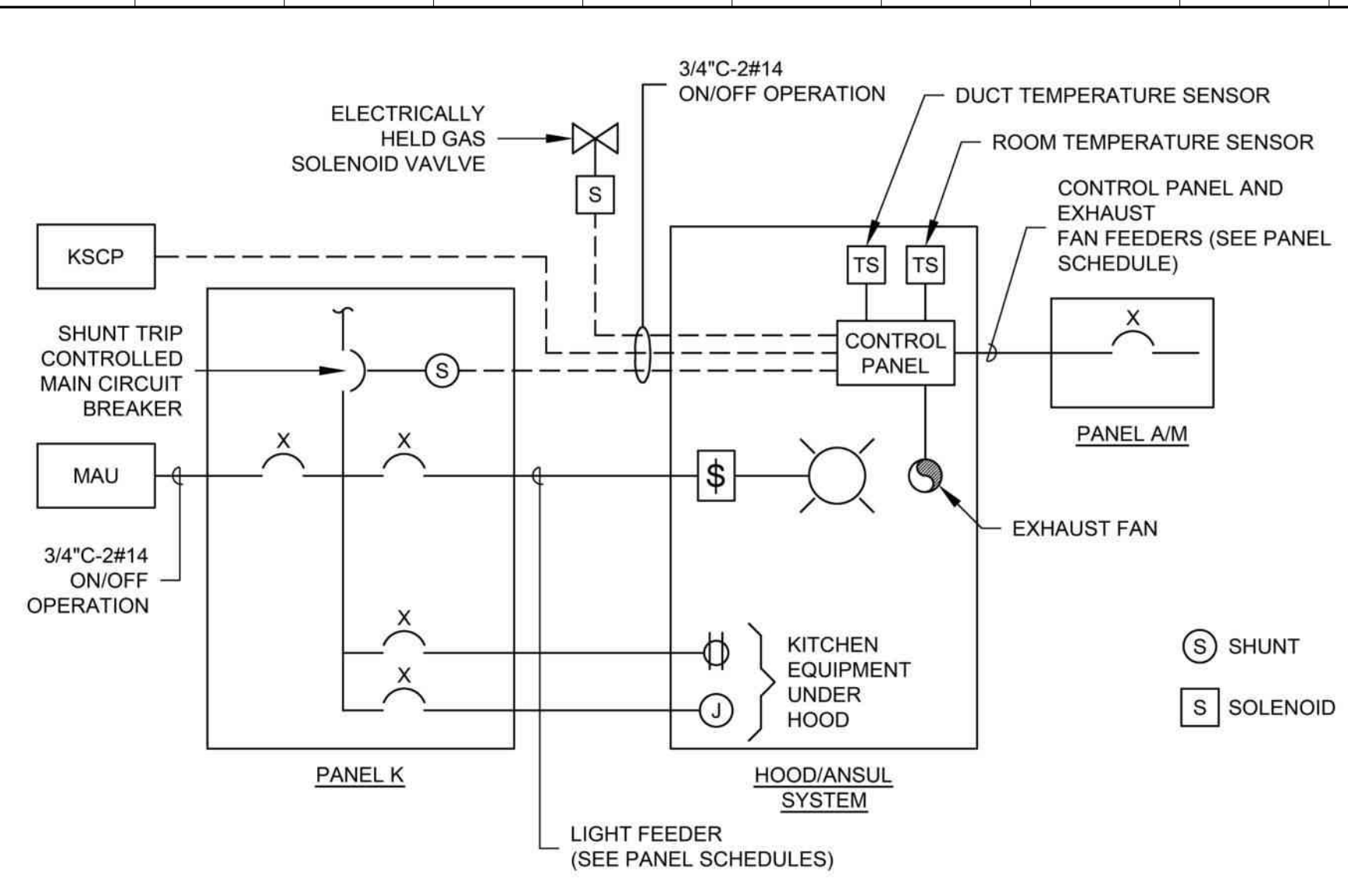
A full-spectrum engineering company
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(530) 222-7204
(541) 842-4188
www.arc-sine.com

PROJECT: 2318
DATE: 12/09/24
ISSUE: 100 CD SET

No.	Description	Date

John Hayes Veterans Memorial Building
483 Conger Street, Garberville, CA 95542
Humboldt County, California
APN: 032-011-006-000

E00.11



SEQUENCE OF OPERATIONS FOR ANSUL DISCHARGE EVENT:

- TEMPERATURE SENSOR IDENTIFIES DIFFERENTIAL TEMPERATURE.
- MICROSWITCHES WITHIN CONTROL PANEL CHANGE STATE AND TRIP SHUNTS FOR THE FOLLOWING SYSTEMS:
 - HOOD POWER (LIGHTS)
 - RECEPTACLES/DEVICES UNDER HOOD AREA
 - ROOM MAKE UP AIR UNIT (MAU)
- HOOD EXHAUST FANS SHALL REMAIN OPERATIONAL.

NOTE:
1. ALL SHUNT TRIP DEVICES SHALL BE WIRED IN A FAIL SAFE CONFIGURATION (ELECTRICALLY HELD FOR NORMAL OPERATION).

HOOD/ANSUL RESPONSIBILITY MATRIX					
Item	Coordinated By	Equipment Provided By	Equipment Installed By	Wiring /Termination By	Comments
CONTROL PANEL	GC, EC, HV	HV	HV	HV	
DUCT TEMPERATURE SENSOR	GC, EC, HV	-	-	EC	
ROOM TEMPERATURE SENSOR	GC, EC, HV	-	-	EC	
HOOD EXHAUST FAN	GC, EC, HV	HV	HV	EC	
HOOD LIGHTS	HV	HV	HV	EC	
FIRE SYSTEM MICROSWITCH	GC, EC, HV	-	-	EC	
CONTROL PANEL POWER	GC, EC	-	-	EC	

Legend
HV = HOOD VENDOR
EC = ELECTRICAL CONTRACTOR
GC = GENERAL CONTRACTOR

1 TYPICAL ANSUL CONTROL SYSTEM INTERCONNECTION
NTS

IT EQUIPMENT RESPONSIBILITY MATRIX

ITEM NUMBER	ITEM	COORDINATED BY	PROVIDED BY	INSTALLED BY	TESTED BY	COMMENTS
1	DATA RACK	EC/O/IT/GC	EC	EC	N/A	NOTES 1,2,3
2	PATCH PANELS (48 & 72 PORT)	EC/O/IT/GC	EC	EC	EC	NOTES 1,2
3	HORIZONTAL CABLE MANAGEMENT	EC/O/IT/GC	EC	EC	N/A	NOTES 1,2
4	VERTICAL CABLE MANAGEMENT	EC/O/IT/GC	EC	EC	N/A	NOTES 1,2
5	RACK MOUNTED POWER STRIP	EC/O/IT/GC	EC	EC	EC	NOTES 1,2
6	PORT SWITCH (24 & 48 PORT)	O/IT	O/IT	O/IT	O/IT	-

- NOTES:**
- COORDINATE NOTED ITEM WITH ALL OTHER TRADES.
 - RACK EQUIPMENT LAYOUT SHALL BE REVIEWED AND APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO ANY HARDWIRED TERMINATIONS.
 - PROVIDE TWO FOOT OF COILED UP DATA CABLING SLACK IN IT ROOM. SLACK SHALL BE COILED UP IN CABLE TRAY.
 - SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

LEGEND
EC = ELECTRICAL CONTRACTOR
GC = GENERAL CONTRACTOR
O = OWNER
IT = OWNER'S IT STAFF

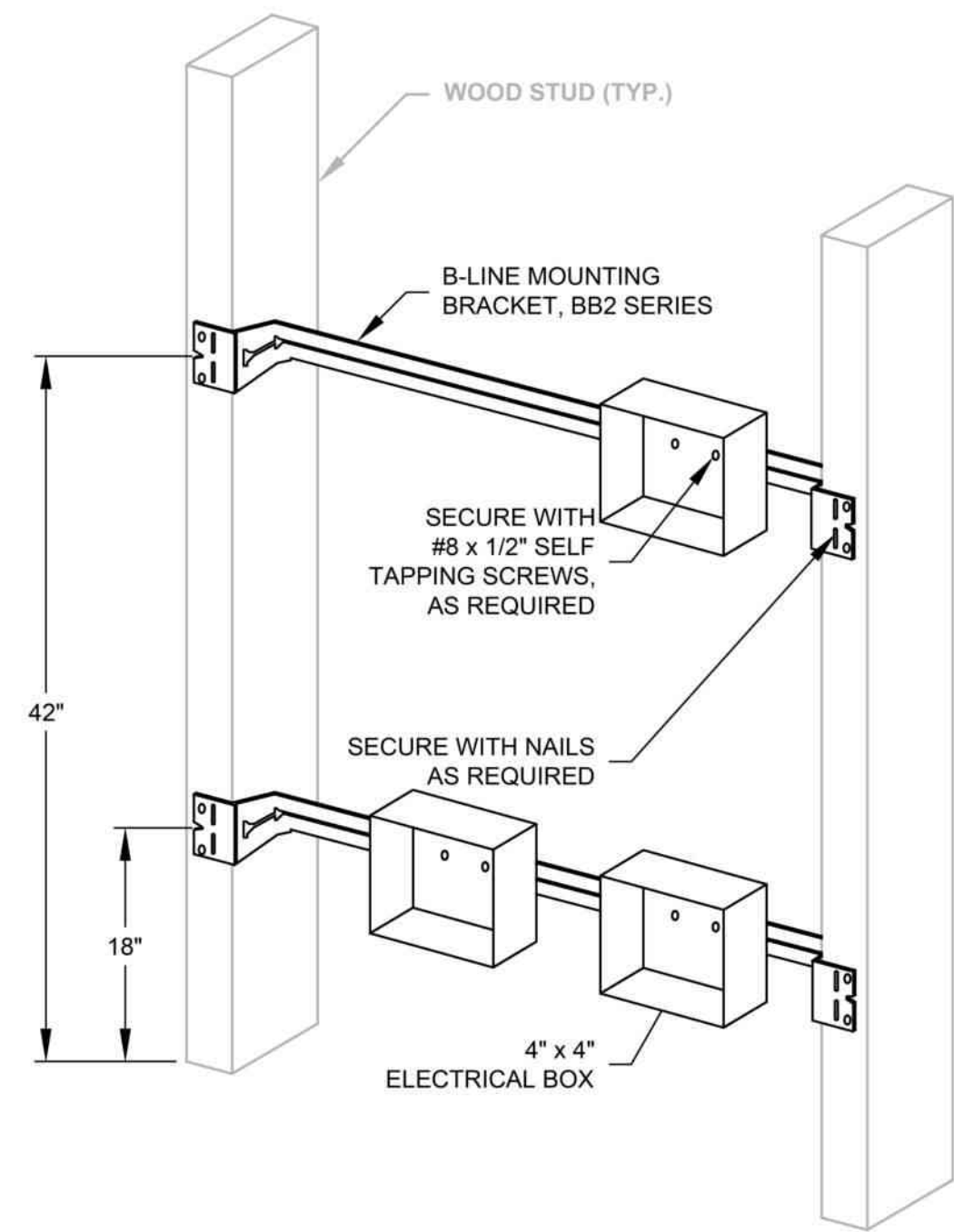
2 WALL MOUNT IT RACK REQUIREMENTS
SCALE: NTS

SEQUENCE OF OPERATIONS MATRIX

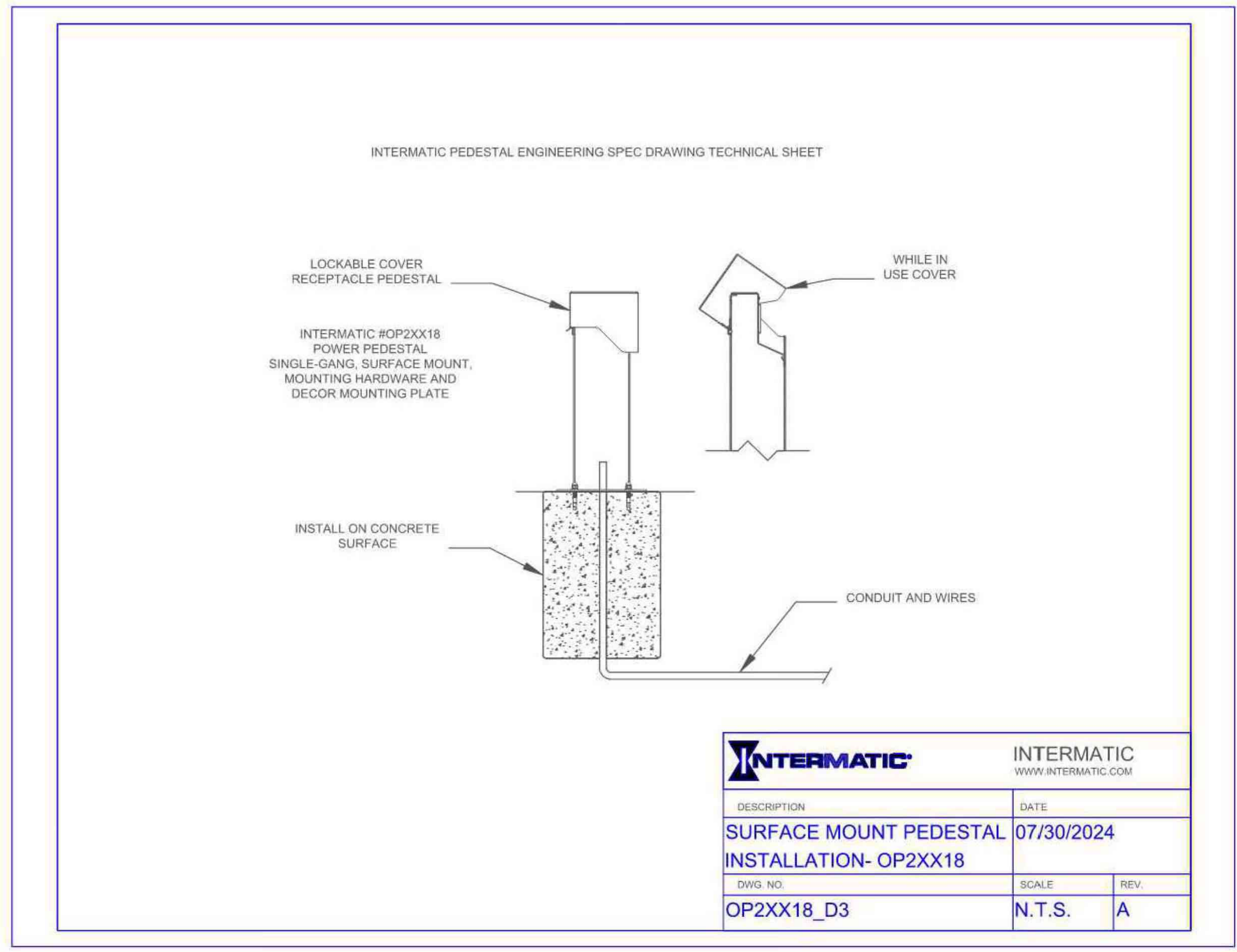
	OCCUPANCY SENSOR		TIME CLOCK		WALL SWITCH		DAYLIGHT SENSOR		OTHER					
	VACANCY MODE (MANUAL ON)	OCCUPANCY MODE (AUTO ON)	SCHEDULE ON TIME	SCHEDULE OFF TIME	MANUAL (ON/OFF)	MANUAL DIMMING	KEY SWITCH	GRAPHIC TOUCHSCREEN	SWITCHING (ON/OFF)	DIMMING	TARGET LIGHTING LEVELS (FC)	PLUG LOAD CONTROL	NETWORKED	NOTES
KITCHEN	X													
ASSEMBLY HALL	X													
STORAGE/UTILITY < 50 SF		X												
STORAGE/UTILITY > 50 SF	X													
OFFICE	X													
MEETING ROOM	X													
RESTROOM		X												
HALL		X												NOTE 1
EXTERIOR														NOTE 1

NOTES:
1. COORDINATE SCHEDULED ON/OFF TIMES WITH OWNER. SCHEDULING CONTROLS SHALL INCLUDE HOLIDAY SCHEDULING.

3 LIGHTING SEQUENCE OF OPERATIONS
SCALE: NTS

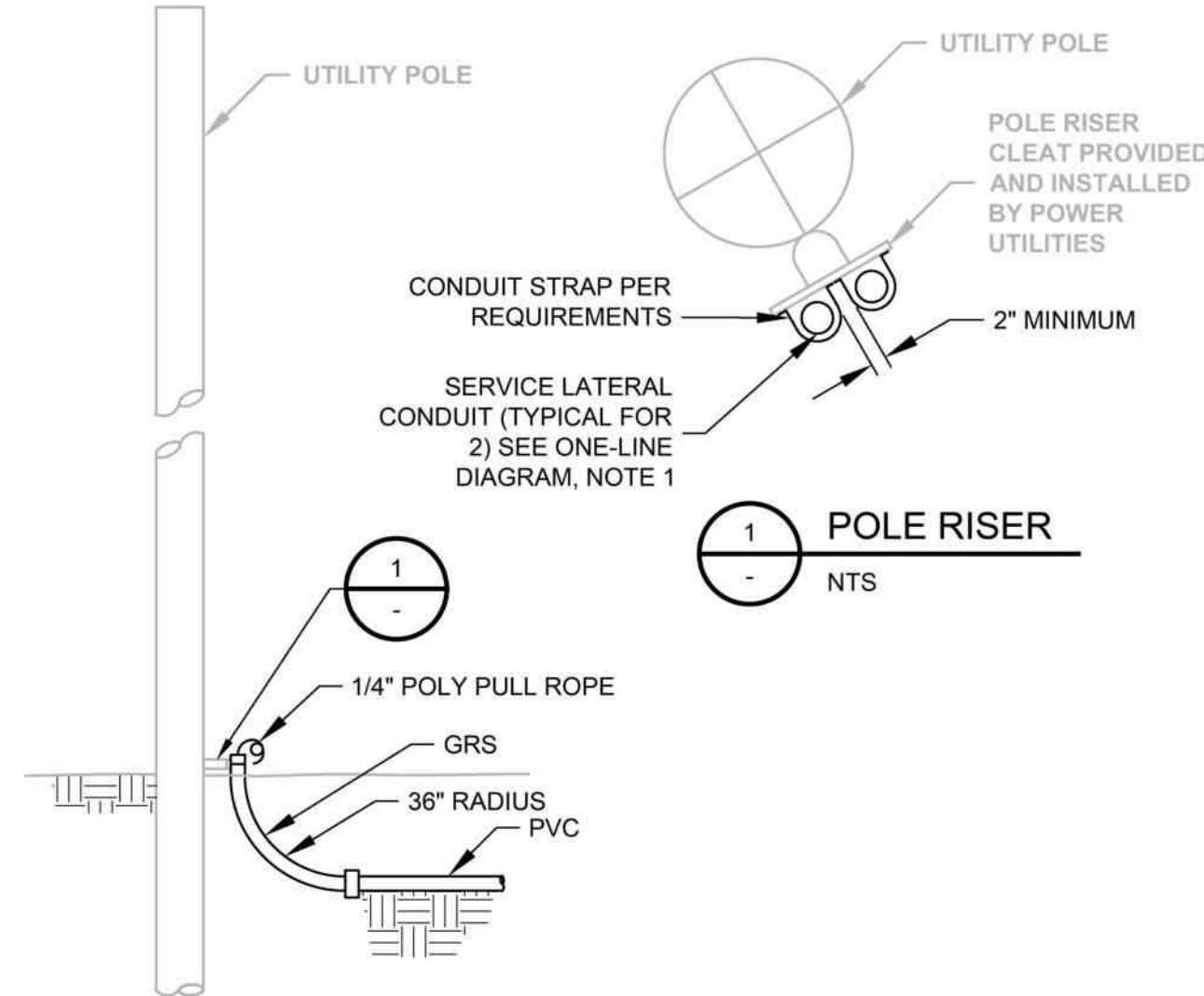


4 BOX MOUNTING BRACKETS
NTS



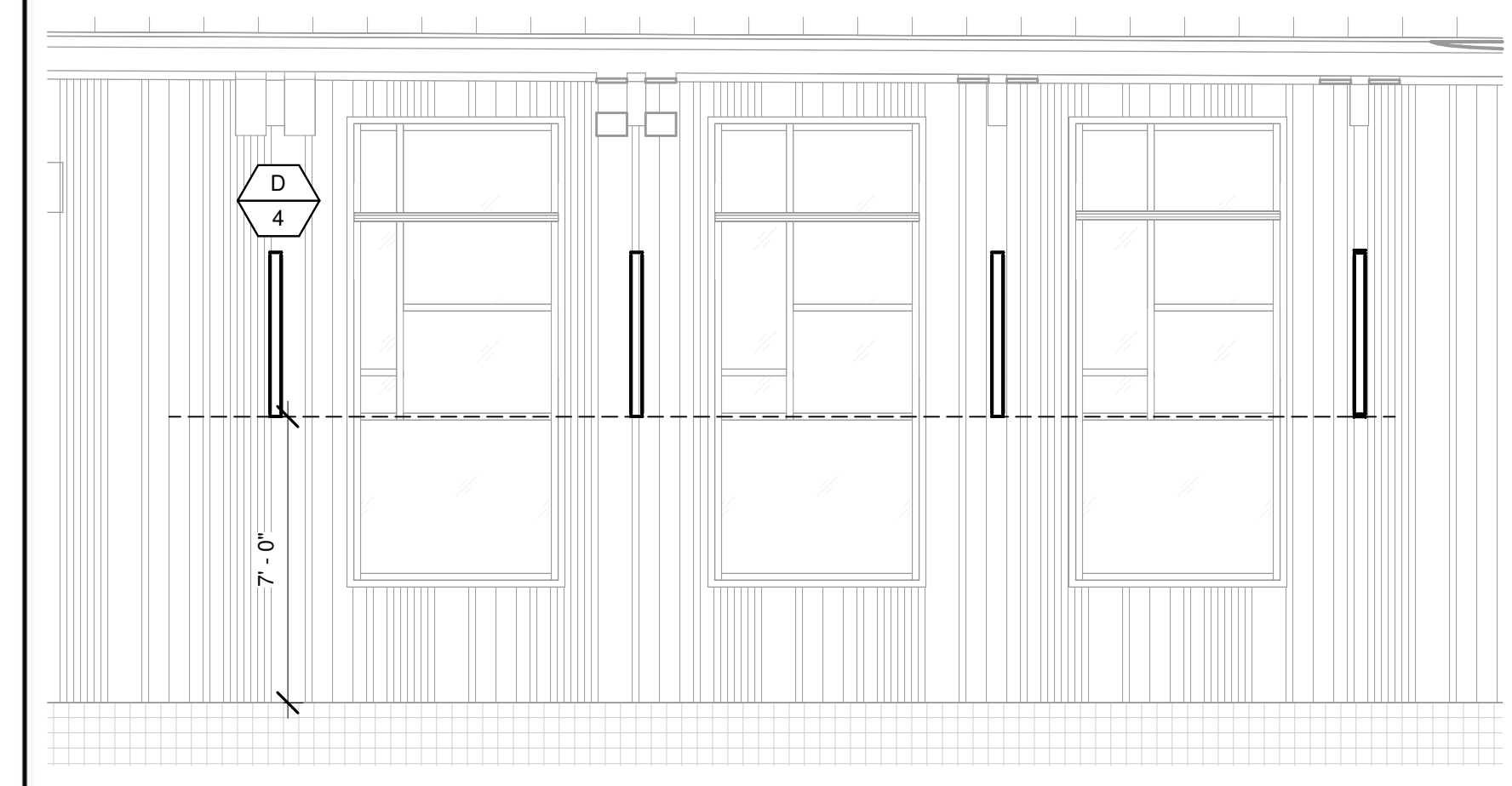
INTERMATIC		INTERMATIC WWW.INTERMATIC.COM	
DESCRIPTION	DATE	SCALE	REV.
SURFACE MOUNT PEDESTAL INSTALLATION- OP2XX18	07/30/2024	N.T.S.	A
DWG. NO.			
OP2XX18_D3			

5 INTERMATIC SINGLE GANG MOUNT PEDESTAL
NTS

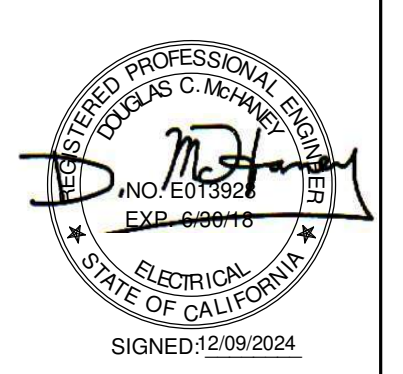


- NOTES:**
- CONDUIT SWEEPS SHALL BE PLACED IN THE CONDUIT STRAPS IN THE VERTICAL POSITION.
 - PRIMARY CONDUIT RUNS GREATER THAN 150' AND SERVICE LATERAL RUNS GREATER THAN 100' SHALL HAVE FIBERGLASS CONDUIT SWEEPS.

6 UTILITY POLE RISER
NTS

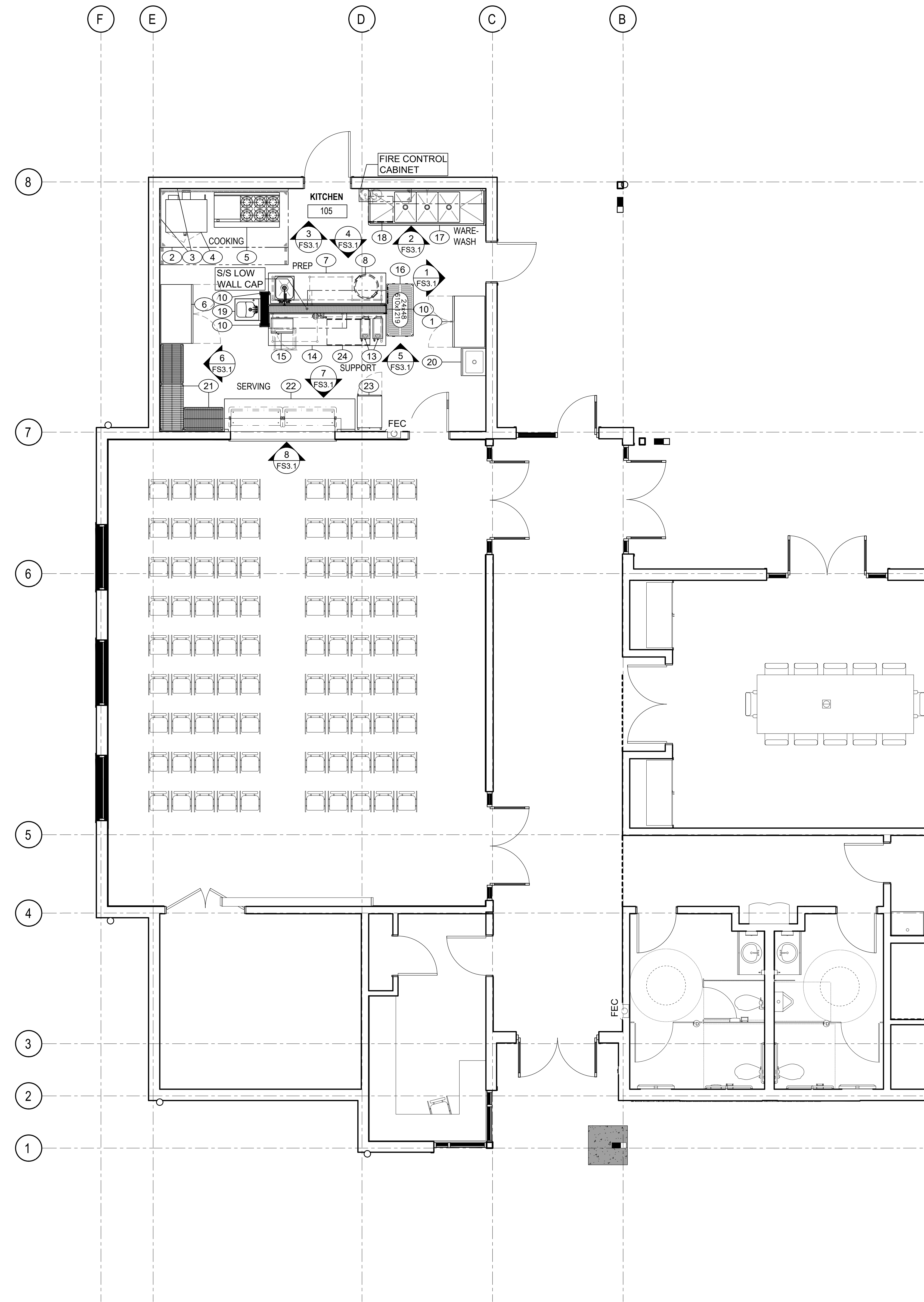


7 EXTERIOR LIGHT FEATURE SECTION
1/4" = 1'-0"



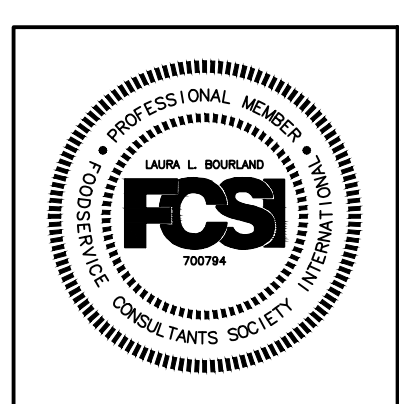
DETAILS

PROJECT:	2318	
DATE:	12/09/24	
ISSUE:	100 CD SET	
No.	Description	Date



EQUIPMENT SCHEDULE		
ITEM	DESCRIPTION	QUAN. REMARKS:
1	REACH-IN FREEZER	1 ---
2	CANOPY HOOD WITH FIRE PROTECTION SYSTEM	1 ---
3	STAINLESS STEEL WALL FLASHING	LOT ---
4	CONVECTION OVEN WITH STAND	1 ---
5	GRIDDLE/OPEN BURNER WITH STORAGE BASE	1 ---
6	REACH-IN REFRIGERATOR	1 ---
7	PREP WORK TABLE WITH SINK	1 ---
8	MOBILE WASTE RECEPTACLES	2 ONLY ONE SHOWN
9	NOT USED	---
10	CORNER/CHANNEL GUARDS AND S/S LOW WALL CAP	LOT ---
11	NOT USED	---
12	NOT USED	---
13	AIR POT BREWERS	2 BY OWNER
14	SUPPORT WORK TABLE	1 ---
15	MICROWAVE OVEN	1 ---
16	MOBILE POT & PAN SHELVLING	1 ---
17	POTWASHING SINK TABLE	1 ---
18	UNDERCOUNTER WAREWASHER WITH BOOSTER HEATER	1 ---
19	ADA HAND WASHING SINK	1 ---
20	MOP SINK CABINET	1 ---
21	DRY STORAGE SHELVLING	LOT ---
22	SERVING COUNTER	1 ---
23	MOBILE HOT HOLDING CABINET	1 ---
24	CUBE ICE MACHINE WITH BIN	1 ---

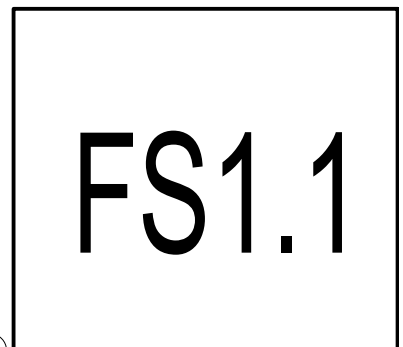
1 LEVEL 01 - FOOD SERVICE EQUIPMENT PLAN
1/4" = 1'-0"



John Hayes Veterans Memorial Building
483 Conger Street, Garberville, CA 95542
Humboldt County, California
APN: 032-011-006-000

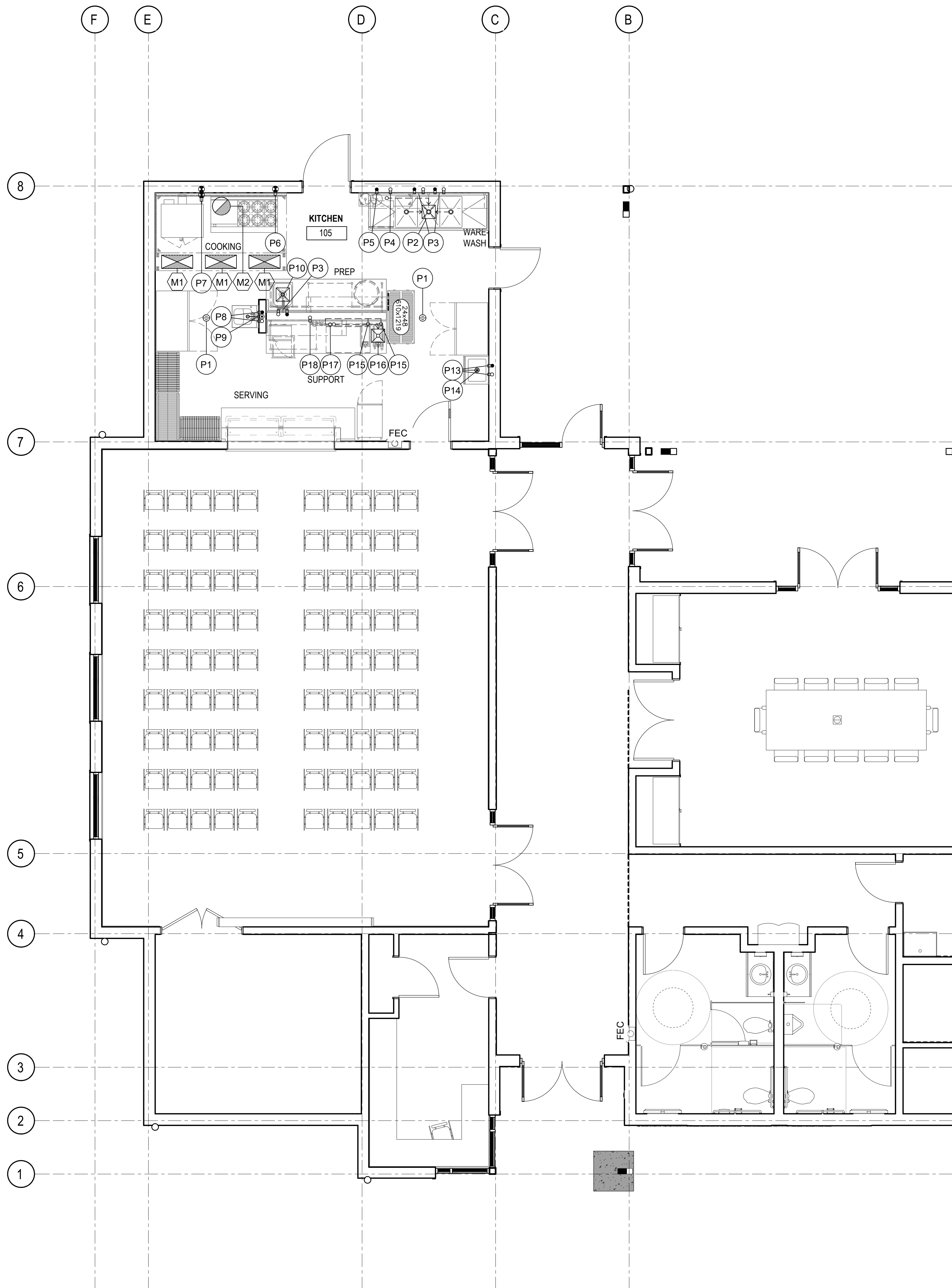
FOOD SERVICE EQUIPMENT PLAN - LEVEL 01

PROJECT:	2318	
DATE:	12/09/2024	
ISSUE:	100% CD	
No.	Description	Date



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PLUMBING SCHEDULE							
ITEM NO.	P. NO.	SIZE	DESCRIPTION	LOC'N.	HEIGHT	SERVICE TO :	REMARKS:
---	P1	---	FLOOR DRAIN	FLOOR	-1/2"	AREA DRAIN	---
17, 18	P2	12" x 12"	FLOOR SINK	FLOOR	0"	(3) SINK DRAINS & UNDERCOUNTER WAREWASHER DRAIN	NO GRATE
17, 7	P3	1/2"	HOT & COLD	WALL	16"	SINK FAUCET	20 GPH HOT
18	P4	1/2"	COLD	WALL	6"	UNDERCOUNTER WAREWASHER DRAIN TEMP KIT	---
18	P5	3/4"	HOT @ 110"	WALL	6"	UNDERCOUNTER WAREWASHER WITH BOOSTER HEATER	20, 2 GPH HOT
5	P6	3/4"	GAS	WALL	30"	GRIDDLE/OPEN BURNER WITH STORAGE BASE	290M BTU TOTAL- QUICK DISCONNECT
4	P7	3/4"	GAS	WALL	30" 52"	CONVECTION OVEN WITH STAND	140M BTU TOTAL- QUICK DISCONNECT. CAP 52" FOR FUTURE
19	P8	1/2"	HOT & COLD	WALL	22"	HAND WASHING SINK	10 GPH HOT
19	P9	1-1/2"	WASTE	WALL	20"	HAND WASHING SINK	---
7	P10	12" x 12"	FLOOR SINK	FLOOR	0"	SINK DRAIN	NO GRATE
---	P11	---	---	---	---	---	---
---	P12	---	---	---	---	---	---
20	P13	1/2"	HOT & COLD	WALL	36"	MOP SINK CABINET	20 GPH HOT
20	P14	---	FLOOR DRAIN	FLOOR	0"	MOP SINK CABINET	---
13	P15	1/2"	COLD (FILTERED)	WALL	46"	AIR POT BREWER	SUPPLIED FROM WATER FILTRATION SYSTEM (P15)
24	P16	12" x 12"	FLOOR SINK	FLOOR	0"	CUBE ICE MACHINE WITH BIN DRAINS	NO GRATE
24	P17	1/2"	COLD (FILTERED)	WALL	6"	CUBE ICE MACHINE WITH BIN	SUPPLIED FROM WATER FILTRATION SYSTEM (P15)
---	P18	1/2"	COLD (FILTERED)	WALL	18"	WATER FILTRATION SYSTEM	INTERCONNECT WITH (P12) & (P14)

- ### PLUMBING NOTES
- THIS DRAWING IS NOT TO BE USED FOR ESTABLISHING ROUGH-IN LOCATIONS. REFER TO DIMENSIONED DRAWING PREPARED BY THE KITCHEN EQUIPMENT CONTRACTOR.
 - UNDER PLUMBING WORK OF DIVISION 22, MAKE ALL ROUGH-INS AND FINAL CONNECTIONS IN CONFORMANCE WITH LOCAL CODES. PROVIDE SHUT-OFF VALVES WITH PERMANENT NAME TAGS IDENTIFYING SUPPLY LINES TO EACH INDIVIDUAL PIECE OF EQUIPMENT. INCLUDE TRAPS, TAIL PIECES, AND LINE STRAINERS AS REQUIRED.
 - UNDER PLUMBING WORK OF DIVISION 22, FURNISH AND INSTALL ALL FLOOR SINKS AND AREA DRAINS FLUSH WITH FINISHED FLOOR IF CODE ALLOWS.
 - UNDER PLUMBING WORK OF DIVISION 22, FURNISH AND INSTALL GREASE TRAP OR INTERCEPTOR AS REQUIRED.
 - UNDER PLUMBING WORK OF DIVISION 22, FURNISH AND INSTALL ALL EQUIPMENT WASTE LINES. USE COPPER TUBING. NO PVC PIPING IS ACCEPTABLE.
 - UNDER KITCHEN EQUIPMENT WORK OF DIVISION 11, FURNISH AND INSTALL ALL INDIRECT WASTE LINES FROM EQUIPMENT LOCATED AT CUSTOM COUNTERS. USE COPPER TUBING. NO PVC PIPING IS ACCEPTABLE.
 - UNDER KITCHEN EQUIPMENT WORK OF DIVISION 11, PROVIDE FAUCETS AT EQUIPMENT. UNDER PLUMBING WORK OF DIVISION 22, INSTALL AND CONNECT FAUCETS.
 - UNDER PLUMBING WORK OF DIVISION 22, FURNISH AND INSTALL CHROME PLATED VACUUM BREAKERS AND/OR BACK FLOW PREVENTION DEVICES ON SUPPLY LINES TO EQUIPMENT AS REQUIRED BY CODES.
 - UNDER PLUMBING WORK OF DIVISION 22, FURNISH AND INSTALL STAINLESS STEEL OR CHROME PLATED ESCUTCHEON PLATES FOR ALL WATER LINES PENETRATING COUNTER TOPS AND BACK SPLASHES.
 - UNDER PLUMBING WORK OF DIVISION 22, FURNISH PRESSURE REDUCING VALVE FOR ALL GAS AND WATER LINES. MAXIMUM WATER PRESSURE AT BOOSTER HEATER AND DISHWASHER SHALL BE 20 PSI.
 - UNDER KITCHEN EQUIPMENT WORK OF DIVISION 11, FURNISH GAS QUICK DISCONNECT ASSEMBLIES WITH CABLE RESTRAINTS FOR EACH GAS FIRED COOKING APPLIANCE.
 - UNDER PLUMBING WORK OF DIVISION 22, PROVIDE 110 DEGREE HOT WATER SUPPLY AT WAREWASHER/ BOOSTER HEATER AS SHOWN. VERIFY REQUIRED TEMPERATURE FOR SUPPLY AT SINK FAUCETS WITH LOCAL AND NATIONAL CODES.
 - UNDER PLUMBING WORK OF DIVISION 22, FURNISH AND INSTALL A SOLENOID VALVE ON PRIMARY GAS SUPPLY TO SHUT-OFF EQUIPMENT DURING FIRE SYSTEM ACTIVATION. SOLENOID SHALL BE ACCESSIBLE FOR SERVICING, TESTING, AND RESETTING IN THE EVENT OF SYSTEM ACTIVATION.
 - RUN ALL WATER LINES FROM FILTRATION SYSTEMS TO EQUIPMENT CONCEALING LINES IN WALLS AND ABOVE CEILING.
 - SEE PLUMBING AND MECHANICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.

- ### MECHANICAL NOTES
- M1. THREE (3) 28" X 12" SUPPLY DUCT CONNECTIONS AT CANOPY HOOD. 702 CFM EACH WITH 0.186" STATIC PRESSURE AT DUCT COLLARS.
 - M2. ONE (1) 16" DIAMETER TYPE I EXHAUST DUCT CONNECTION AT CANOPY HOOD. 2,340 CFM WITH -0.852" STATIC PRESSURE AT DUCT COLLAR.

PLUMBING SYMBOL LEGEND

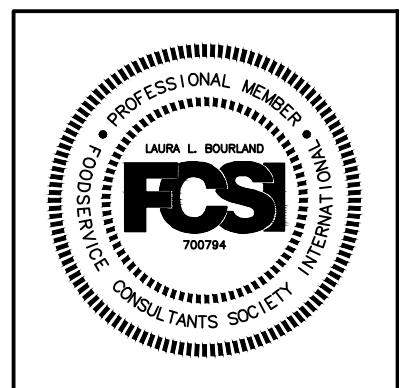
COLD WATER	⊖
HOT WATER	⊕
WASTE	⊗
GAS	⊙
FLOOR DRAIN	⊙
FLOOR SINK	⊗

MECHANICAL SYMBOL LEGEND

SUPPLY DUCT	⊗
EXHAUST DUCT	⊙

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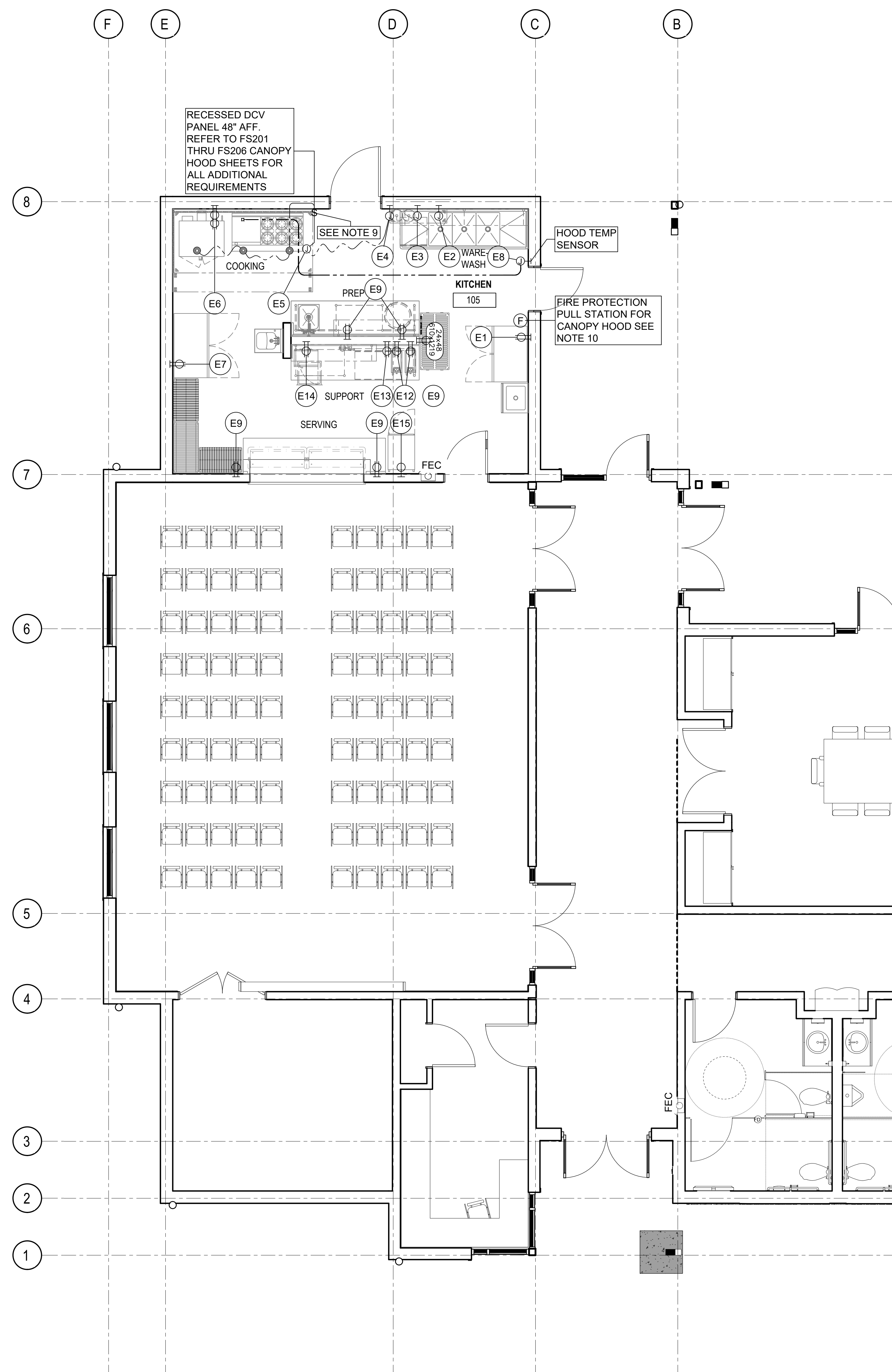
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SUITE 200, WASH. BLDG.
PORTLAND, OR 97227
PH: 503.251.4553
FOOD FACILITY CONSULTANTS
SPACE PLANNING & DESIGN

John Hayes Veterans Memorial Building
483 Conger Street, Garberville, CA 95542
Humboldt County, California
APN: 032-011-006-000

PROJECT:	2318	
DATE:	12/09/2024	
ISSUE:	100% CD	
No.	Description	Date

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ELECTRICAL SCHEDULE

ITEM NO.	E.NO.	VOLTS	Ø	DESCRIPTION	LOC'N.	HEIGHT	SERVICE TO :	RATING	REMARKS
1	E1	120	1	DCO	WALL	36"	REACH-IN FREEZER	9.6 AMPS	FURNISHED WITH NEMA 5-15P
18	E2	208	1	J-BOX	WALL	6"	UNDERCOUNTER WAREWASHER/BOOSTER HEATER	24.2 AMPS	---
2	E3	---	---	J-BOX	WALL	108"	FIRE PROTECTION SYSTEM	1 KW	SUPPLY FROM E4 DCV HOOD CONTROL SYSTEM
2	E4	120	1	J-BOX	WALL	108"	DCV HOOD CONTROL SYSTEM	15 AMPS	SUPPLY TO E3 FIRE PROTECTION SYSTEM AND E5 HOOD LIGHTS
2	E5	---	---	J-BOX	CEILING	---	(3) CANOPY HOOD LIGHTS	51 W	SUPPLY FROM E4 DCV HOOD CONTROL SYSTEM
4	E6	120	1	DCO'S (STACKED)	WALL	18" 35"	CONVECTION OVEN WITH STAND	7.9 AMPS	EACH CONNECTION. FURNISHED WITH NEMA 5-15P
6	E7	120	1	DCO	WALL	36"	REACH-IN REFRIGERATOR	5.4 AMPS	FURNISHED WITH NEMA 5-15P
2	E8	SGL. GANG	---	J-BOX	WALL	48"	CANOPY HOOD ROOM SENSOR CONTROL	---	WIRE TO HOOD SC CONTROL BOARD W/2-WIRE LOW VOLT. CABLE
---	E9	120	1	DCO	WALL	46"	CONVENIENCE	1440 W	DEDICATED CIRCUIT
---	E10	---	---	NOT USED	---	---	---	---	---
---	E11	---	---	NOT USED	---	---	---	---	---
13	E12	120	1	DCO	WALL	46"	AIR POT BREWER	11.4 AMPS	FURNISHED WITH NEMA 5-15P
24	E13	120	1	DCO	WALL	18"	CUBE ICE MACHINE WITH BIN	7.5 AMPS	FURNISHED WITH NEMA 5-15P
15	E14	120	1	DCO	WALL	46"	MICROWAVE OVEN	13.4 AMPS	FURNISHED WITH NEMA 5-15P
23	E15	120	1	SCO	WALL	18"	MOBILE HOT HOLDING CABINET	16 AMPS	FURNISHED WITH NEMA 5-20P

- ### ELECTRICAL NOTES
- THIS DRAWING IS NOT TO BE USED FOR ESTABLISHING ROUGH-IN LOCATIONS. REFER TO DIMENSIONED DRAWINGS PREPARED BY THE KITCHEN EQUIPMENT CONTRACTOR.
 - UNDER ELECTRICAL WORK OF DIVISION 26, PROVIDE ALL ROUGH-INS AND FINAL CONNECTIONS IN CONFORMANCE WITH LOCAL CODES.
 - HOOD LIGHTS ARE FURNISHED UNDER KITCHEN EQUIPMENT, DIVISION 11. UNDER ELECTRICAL WORK OF DIVISION 26, FURNISH AND INSTALL SWITCHES AND FURNISH AND INSTALL ALL INTERCONNECTING CONDUIT AND WIRING CONCEALED FROM SIGHT.
 - UNDER ELECTRICAL WORK OF DIVISION 26, FURNISH AND INSTALL ALL INTERCONNECTING WIRING ACROSS CEILING AS REQUIRED BETWEEN HOODS AND HOOD FIRE CONTROL PANEL.
 - ALL ELECTRICAL RECEPTACLES SHALL BE MOUNTED HORIZONTALLY ON FIXTURES AND WALLS.
 - UNDER ELECTRICAL WORK OF DIVISION 26, PROVIDE ALL DISCONNECTS, INTERLOCKS, AND CONTACTORS REQUIRED BY LOCAL CODES.
 - UNDER ELECTRICAL WORK OF DIVISION 26, FURNISH AND INSTALL SHUNT TRIP CIRCUIT BREAKERS TO SHUT OFF POWER SUPPLY TO ALL ELECTRICAL COOKING EQUIPMENT DURING FIRE SYSTEM ACTIVATION.
 - UNDER WORK OF KITCHEN EQUIPMENT, DIVISION 11, FURNISH AND INSTALL STAINLESS STEEL OR CHROME PLATED ESCUTCHEON PLATES FOR ALL ELECTRICAL CONNECTIONS PENETRATING COUNTER TOPS FOR BELOW COUNTER PLUG-INS.
 - UNDER ELECTRICAL WORK OF DIVISION 26, PROVIDE POWER TO HOOD CONTROL CIRCUIT AND EXHAUST FAN ON ROOF-INTERLOCK WITH MAKE-UP AIR SUPPLY UNIT PER PER MECHANICAL ENG. PLANS. INTERCONNECT WALL SWITCH VIA CAT5 CABLE TO HOOD DCV PANEL TO CONTROL HOOD LIGHTS, FAN, AND GAS RESET (IF APPLICABLE). SWITCH FURNISHED BY HOOD MANUFACTURER TO BE INSTALLED @ 48" ABOVE FINISHED FLOOR.
 - UNDER KITCHEN WORK OF DIVISION 11 LOCATE MANUAL FIRE SUPPRESSION PULL STATION PER CODES. PROVIDE RECESSED OCTAGON BOX AND RUN EMPTY CONDUIT RECESSED IN BUILDING WALL (NO EXPOSED CONDUIT ACCEPTABLE) TO FIRE SUPPRESSION CONTROL HEAD. MINIMUM 12" RADIUS BENDS IN ANY CHANGE OF DIRECTION. SET PULL STATION BOX @ +48" A.F.F. TO CENTERLINE.
 - UNDER ELECTRICAL WORK OF DIVISION 26 RUN ALL EXPOSED CONDUIT IN STAINLESS STEEL SLEEVES.

ELECTRICAL SYMBOL LEGEND

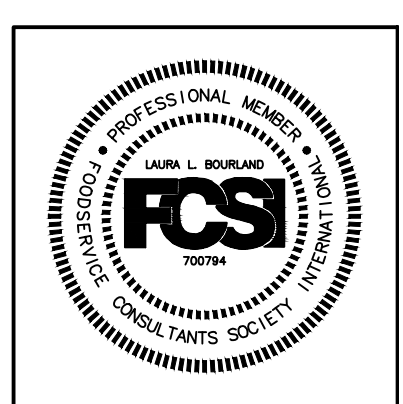
DCO (DUPLX CONVENIENCE OUTLET)	
J-BOX (JUNCTION BOX)	
SCO(S)	
SWITCH(S)	
LIGHT(S)	

FIRE PROTECTION LEGEND

FIRE PROTECTION SYSTEM MANUAL PULL	
------------------------------------	--

NOTE:
LOCATE MANUAL FIRE SUPPRESSION PULL STATIONS PER CODES - DEVICES TO BE LOCATED A MINIMUM OF 10 FEET AND A MAXIMUM OF 20 FEET FROM THE KITCHEN EXHAUST SYSTEM IT SERVES. E.C. TO PROVIDE OCTAGON BOX AND RUN EMPTY CONDUIT TO FIRE SUPPRESSION CONTROL HEAD. MINIMUM 12" RADIUS BENDS IN ANY CHANGE OF DIRECTION. SET PULL STATION BOX @ +48" A.F.F. TO CENTERLINE. TYPICAL ALL LOCATIONS

1 LEVEL 01 - FOOD SERVICE ELECTRICAL PLAN
1/4" = 1'-0"



Holliday ASSOCIATES
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SPACE PLANNING & DESIGN

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483 Conger Street, Garberville, CA 95542
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APN: 032-011-006-000

FOOD SERVICE ELECTRICAL PLAN - LEVEL 01

PROJECT:	2318	
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FOR QUESTIONS, CALL THE
 Seattle Office
 REGION 85
 PHONE: (425) 212 - 5996
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PATENT NUMBERS
 AC-PSP (UNITED STATES) - US PATENT 7963830 B2
 AC-PSP WALL (CANADA) - CA PATENT 2820509
 AC-PSP ISLAND (CANADA) - CA PATENT 2520330.

HOOD INFORMATION - JOB#7056122

HOOD NO	TAG	MODEL	MANUFACTURER	LENGTH	MAX COOKING TEMP	TYPE	APPLIANCE DUTY	DESIGN CFM/FT	TOTAL EXH CFM	EXHAUST PLENUM RISER(S)						TOTAL SUPPLY CFM	HOOD CONSTRUCTION	HOOD CONFIG	
										WIDTH	LENG	HEIGHT	DIA	CFM	VEL			SP	END TO END
1		5430 ND-2-PSP-F	CAPTIVEAIRE	9'9"	600 DEG	I	HEAVY	240	2340		4"	16"	2340	1676	-0.852"	2106	304 SS 100%	ALONE	ALONE

HOOD INFORMATION

HOOD NO	TAG	TYPE	FILTER(S)			EFFICIENCY @ 7 MICRONS	QTY	LIGHT(S)			UTILITY CABINET(S)				FIRE SYSTEM PIPING	HOOD HANGING WEIGHT
			QTY	HEIGHT	LENGTH			TYPE	WIRE GUARD	LOCATION	SIZE	FIRE SYSTEM	ELECTRICAL	SWITCHES		
1		CAPTRATE SOLO FILTER	7	20"	16"	85% SEE FILTER SPEC	3	RECESSED ROUND	NO						YES	700 LBS

HOOD OPTIONS

HOOD NO	TAG	OPTION
1		LEFT END STANDOFF (FINISHED) 1" WIDE 54" LONG INSULATED.
		INSULATION FOR TOP OF HOOD.
		INSULATION FOR BACK OF HOOD.
		SENSOR-CV.
		LEFT WALL AS END PANEL.

PERFORATED SUPPLY PLENUM(S)

HOOD NO	TAG	POS	LENGTH	WIDTH	HEIGHT	TYPE	RISER(S)				
							WIDTH	LENG	DIA	CFM	SP
1		Front	118"	16"	6"	MUA	12"	28"		702	0.186"
						MUA	12"	28"		702	0.186"
						MUA	12"	28"		702	0.186"

WALL-MOUNT UTILITY CABINET

HOOD NO	LOCATION	SIZE	UTILITY CABINET(S)				WEIGHT
			FIRE SYSTEM	ELECTRICAL	SWITCHES	QUANTITY	
1	WALL MNT	12"x48"x30"	TANK FS	4.0/4.0	DCV-1111	1 LIGHT 1 FAN	340.00 LBS

CLEARANCE TO COMBUSTIBLES

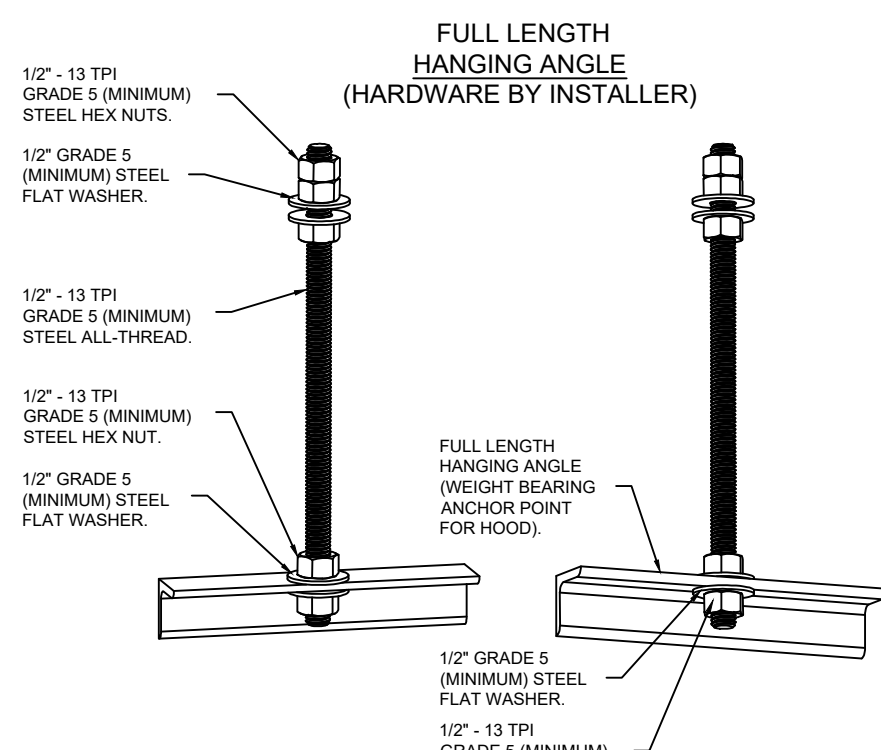
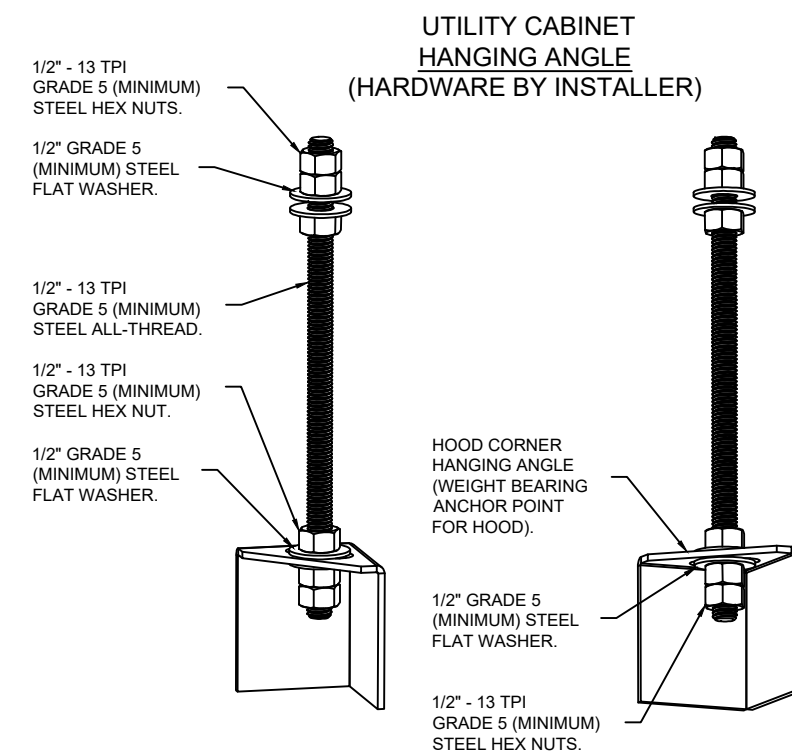
HOODS #	SURFACE	*CLEARANCE
1	TOP	0"
	FRONT	0"
	BACK	0"
	LEFT	0"
	RIGHT	18"

- 10" CLEARANCE TO COMBUSTIBLES CONFORMS TO UL710 STANDARD.

WALL-MOUNT UTILITY CABINET ASSEMBLY INSTRUCTIONS

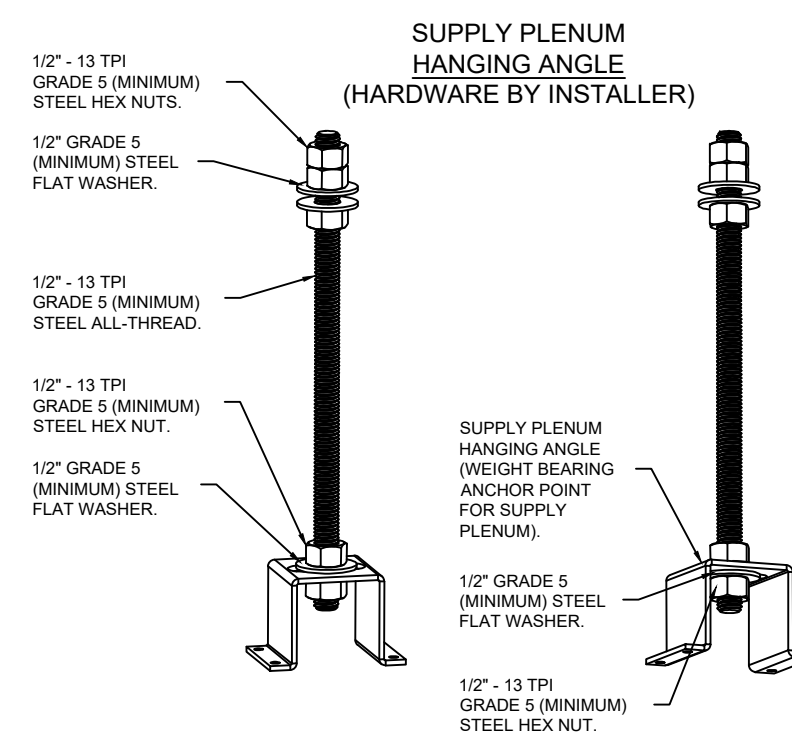
CABINET TO BE HUNG BY OTHERS. SEE UTILITY CABINET SCHEDULE FOR CABINET SIZE.

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD. SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION BENEATH UTILITY CABINET HANGING ANGLES AND ABOVE CEILING ANCHORS. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.



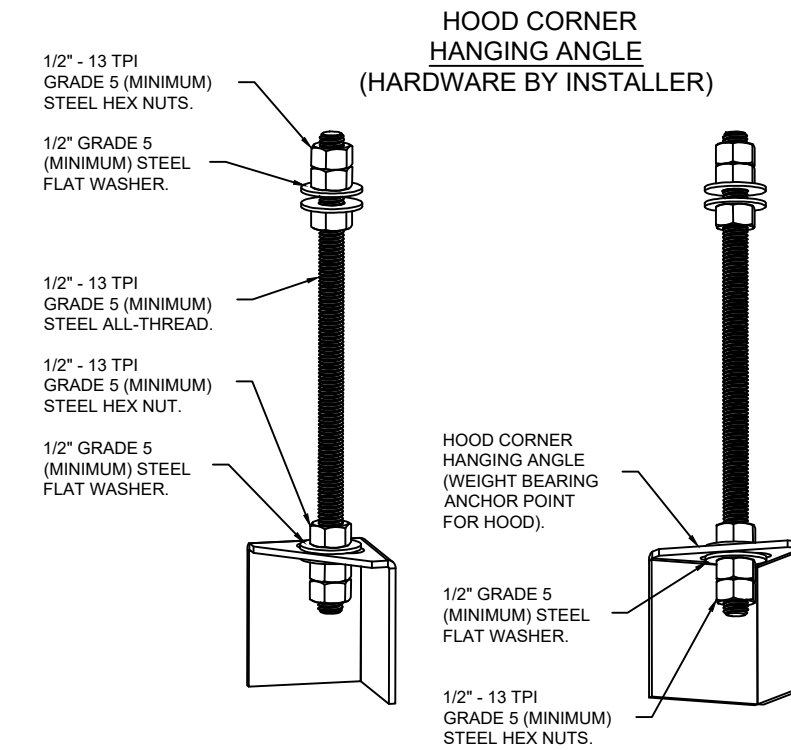
ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD. SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION ABOVE CEILING ANCHORS. SINGLE HEX NUT BENEATH HANGING ANGLE IS ACCEPTABLE FOR FULL LENGTH HANGING ANGLES. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.



ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD. SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION ABOVE CEILING ANCHORS. SINGLE HEX NUT BENEATH HANGING ANGLE IS ACCEPTABLE FOR PSP HANGING ANGLES. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.



ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD. SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION BENEATH HOOD HANGING ANGLES AND ABOVE CEILING ANCHORS. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.

SPECIFICATION: CAPTRATE GREASE-STOP SOLO FILTER

THE CAPTRATE GREASE-STOP SOLO FILTER IS A SINGLE-STAGE FILTER FEATURING A UNIQUE S-Baffle DESIGN IN CONJUNCTION WITH A SLOTTED REAR Baffle DESIGN, TO DELIVER EXCEPTIONAL FILTRATION EFFICIENCY.

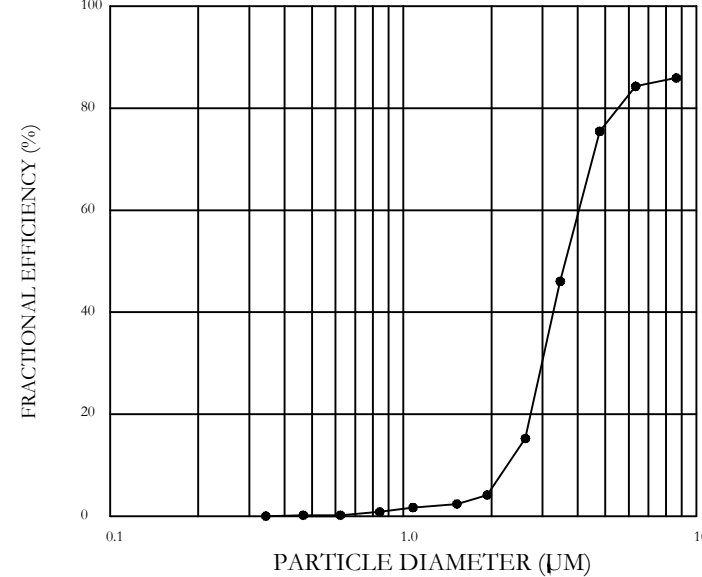
FILTER IS STAINLESS STEEL CONSTRUCTION, AND SIZED TO FIT INTO STANDARD 2-INCH DEEP HOOD CHANNEL(S).

UNITS SHALL INCLUDE STAINLESS STEEL HANDLES AND A FASTENING DEVICE TO SECURE THE TWO COMPONENTS WHEN ASSEMBLED.

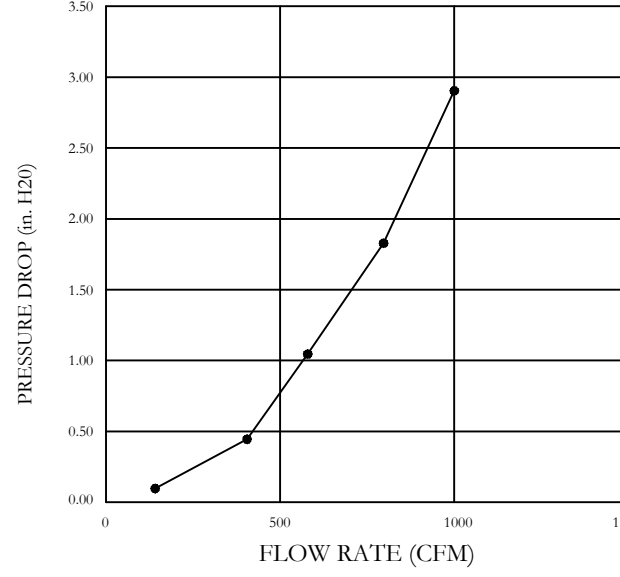
GREASE EXTRACTION EFFICIENCY PERFORMANCE SHALL REMOVE AT LEAST 75% OF GREASE PARTICLES FIVE MICRONS IN SIZE, AND 85% GREASE PARTICLES SEVEN MICRONS IN SIZE AND LARGER, WITH A CORRESPONDING PRESSURE DROP NOT TO EXCEED 1.0 INCHES OF WATER GAUGE.

THE CAPTRATE GREASE-STOP SOLO WAS TESTED TO ASTM STANDARD ASTM F2519-05. MANUFACTURER APPROVED FOR USE IN SOLID FUEL APPLICATIONS AS A SPARK ARRESTER.

EFFICIENCY VS. PARTICLE DIAMETER



PRESSURE DROP VS. FLOW RATE



CAPTRATE FILTERS ARE BUILT IN COMPLIANCE WITH:
 NFPA #96.
 NSF STANDARD #2.
 UL STANDARD #1046.
 INT. MECH. CODE (IMC).
 ULC-S649.



REVISIONS

NO.	DESCRIPTION	DATE

CAPTRAVE
 Seattle Office
 114 NW Canal St. #300, Seattle, WA, 98107 PHONE: (425) 212 - 5996 FAX: 4252125988 EMAIL: reg85@captrave.com

Garberville VA Hall - Humboldt County CA - R1
 GARBERVILLE, CA, 95542

DATE: 9/19/2024

DWG.#: 7056122

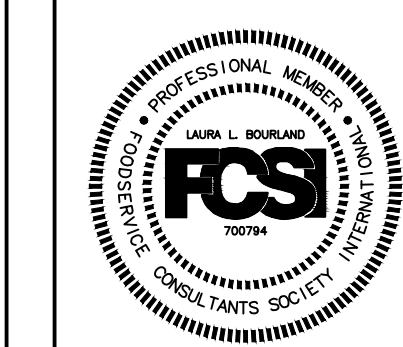
DRAWN BY: JL - R85

SCALE: 3/4" = 1'-0"

MASTER DRAWING

SHEET NO. 1

ORW
 ARCHITECTURE
 WWW.ORWARCHITECTURE.COM
 2000 1ST AVENUE, SUITE 100
 SEASIDE, CA 94133
 PH: 415.779.5237



John Hayes
 Veterans Memorial Building
 483 Conger Street, Garberville, CA 95542
 Humboldt County, California
 APN: 032-011-006-000

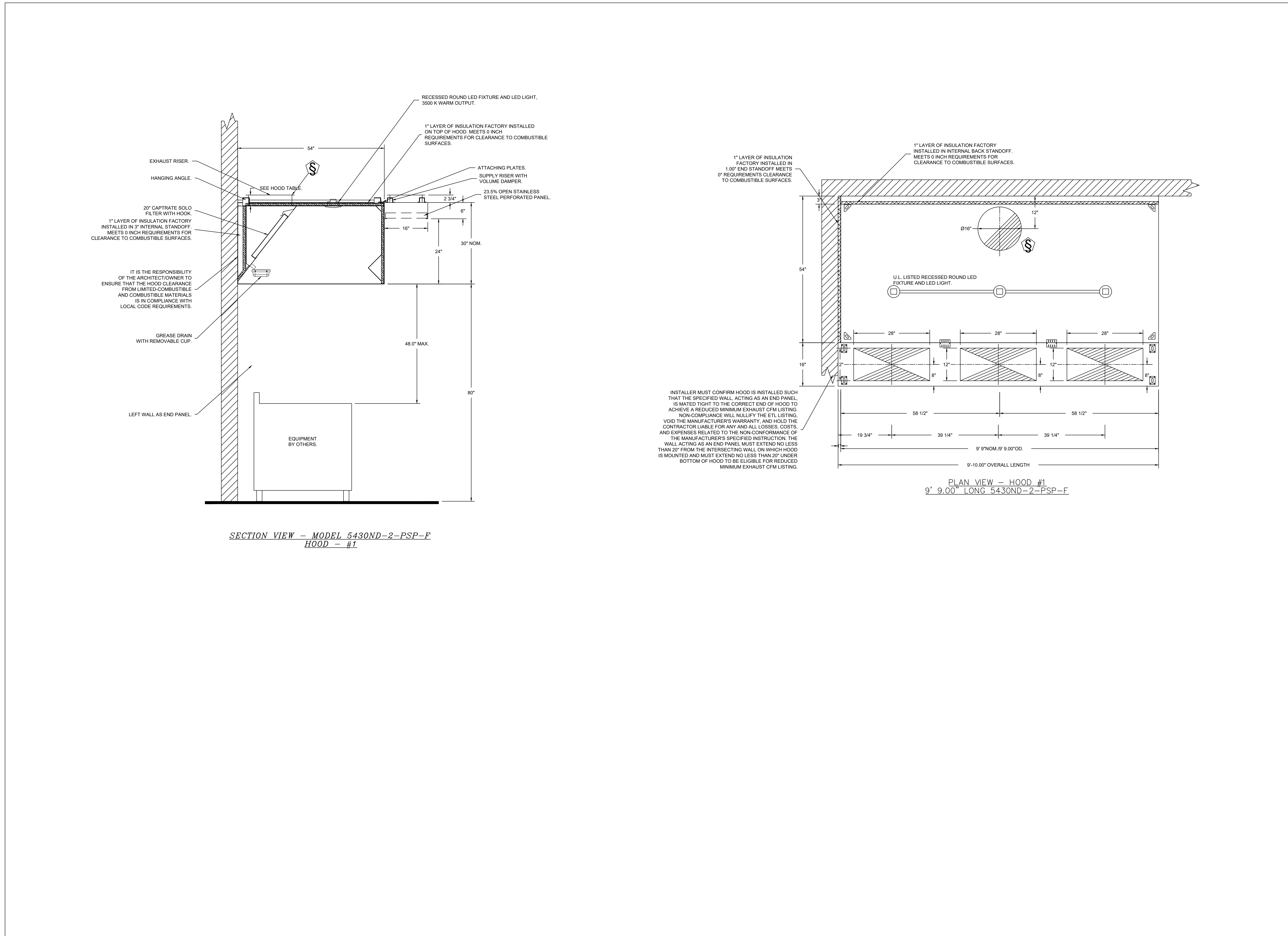
FOOD SERVICE CANOPY HOOD DETAILS - LEVEL 01

John Hayes
 Veterans Memorial Building
 483 Conger Street, Garberville, CA 95542
 Humboldt County, California
 APN: 032-011-006-000

PROJECT: 2318
 DATE: 12/09/2024
 ISSUE: 100% CD

No.	Description	Date

FS2.1



Garberville VA Hall - Humboldt County CA - R1
GARBERVILLE, CA, 95542

DATE: 9/19/2024
DWG.#: 7056122
DRAWN BY: JL - R85
SCALE: 3/4" = 1'-0"
MASTER DRAWING

SHEET NO.
2

REVISIONS

NO.	DESCRIPTION	DATE
1		
2		
3		
4		

CAPTIVE

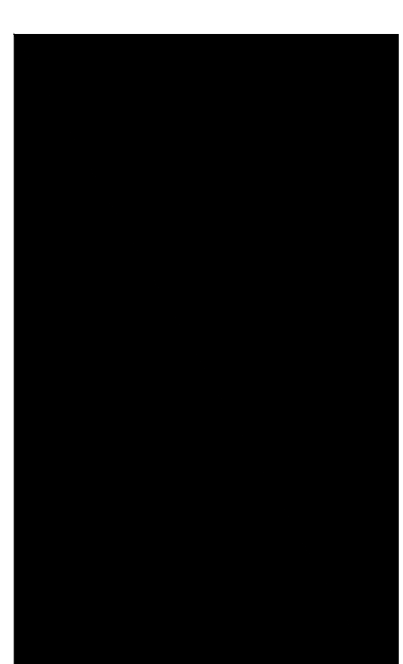
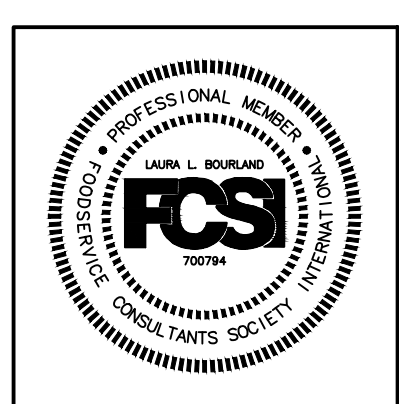
Seattle Office
114 NW Canal St, #300, Seattle, WA, 98107 PHONE: (425) 712-5996 FAX: (425) 712-5996 EMAIL: reg@captivesteam.com

No.	Description	Date

PROJECT: 2318
DATE: 12/09/2024
ISSUE: 100% CD

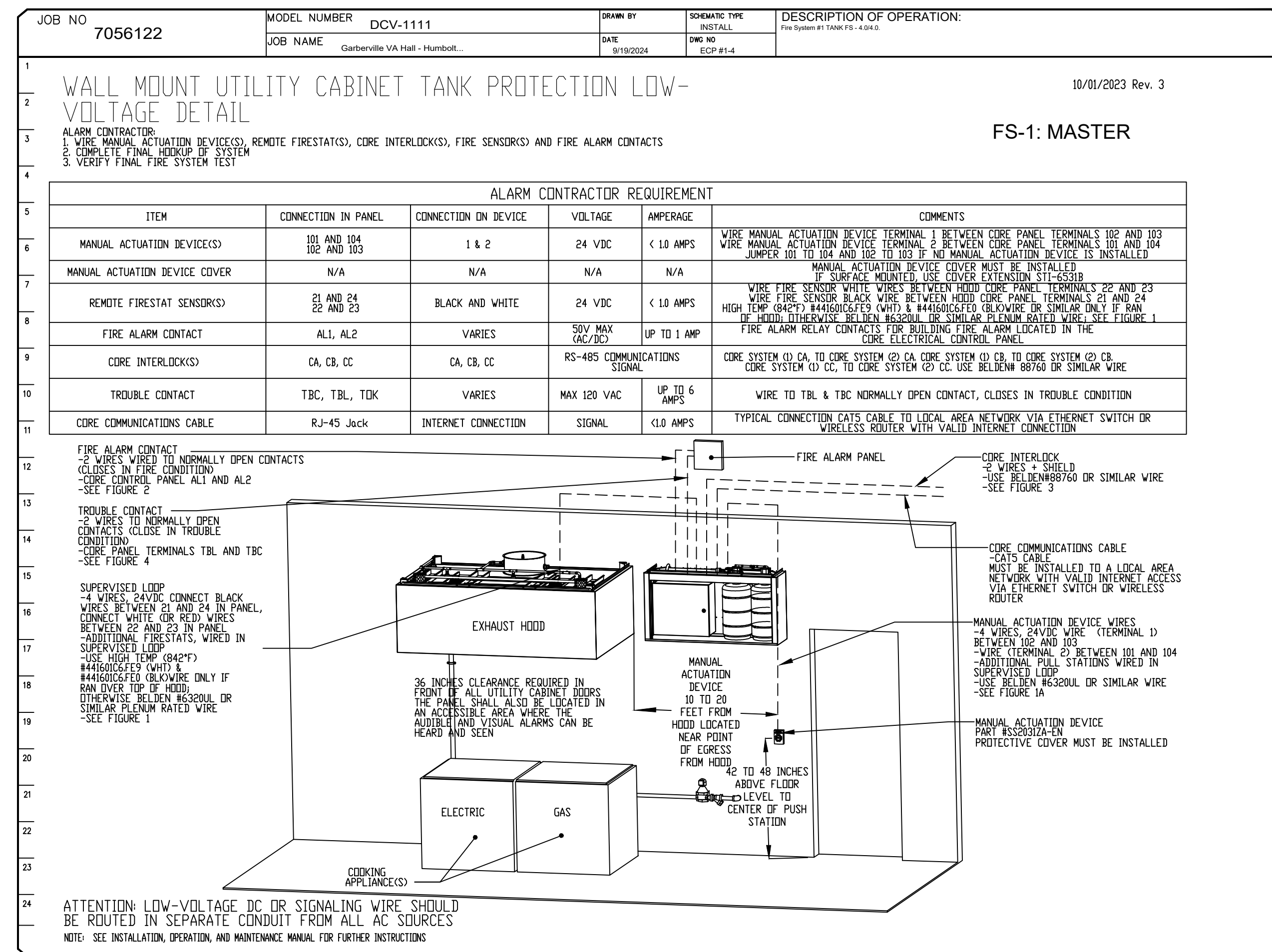
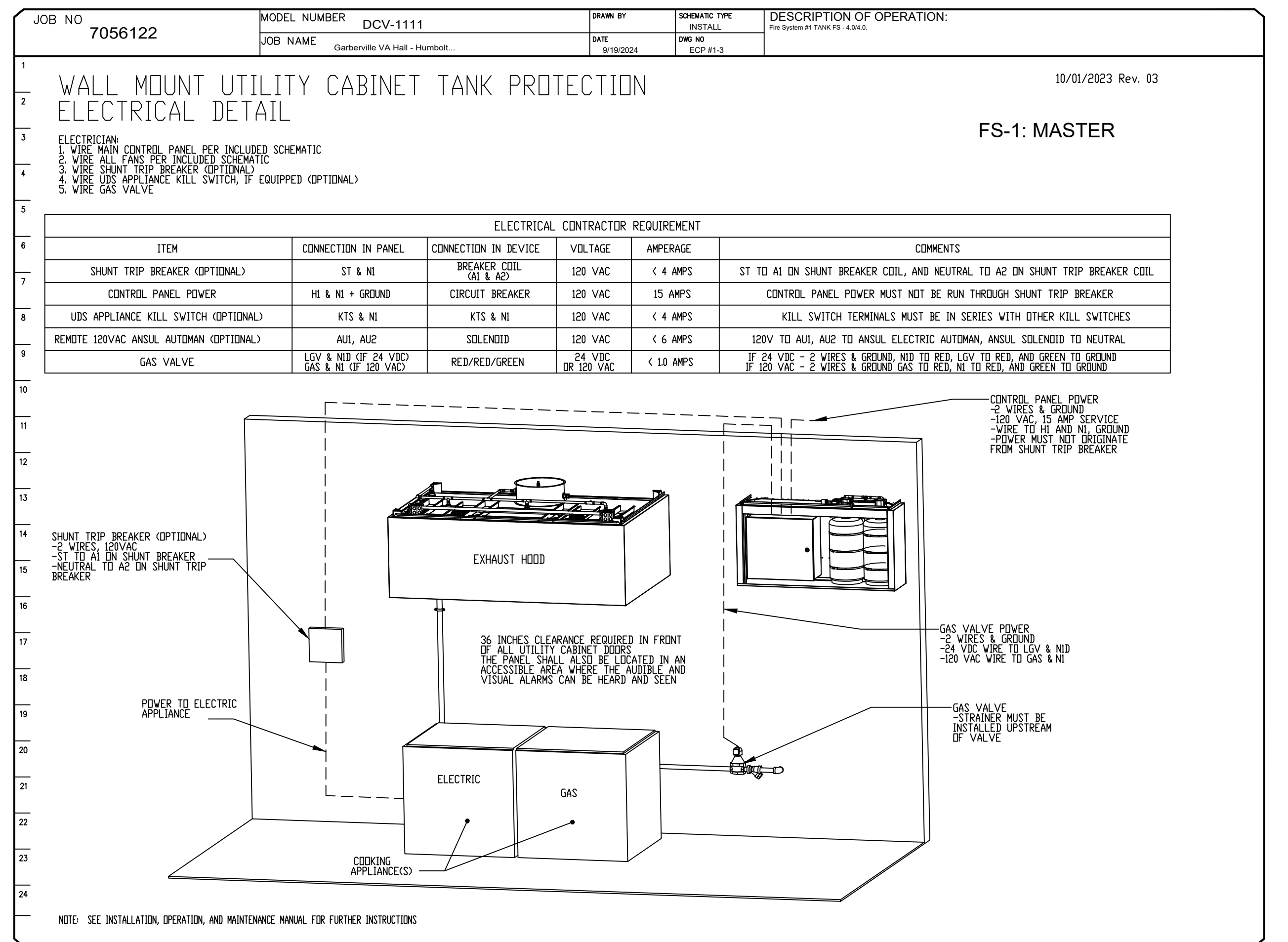
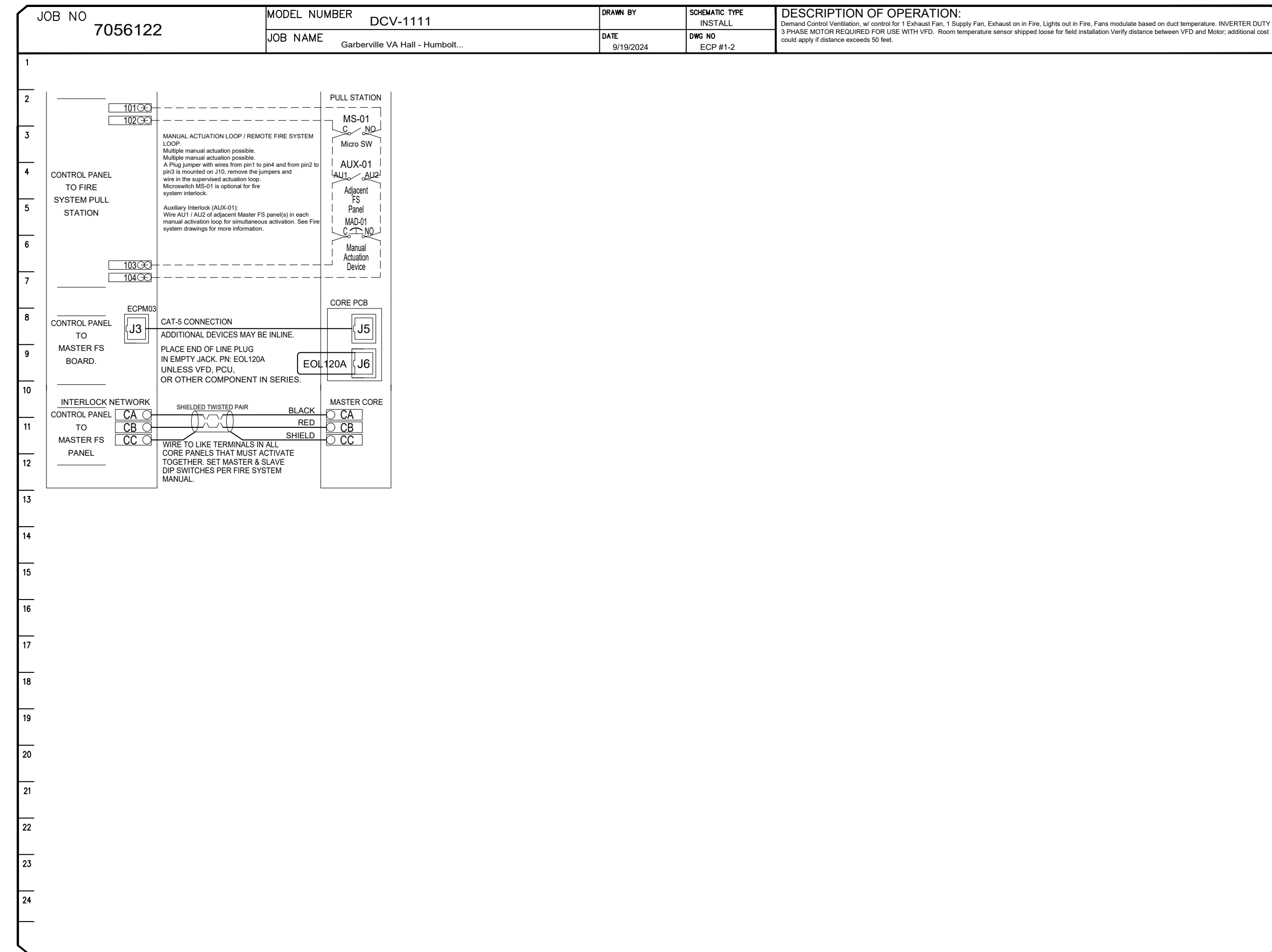
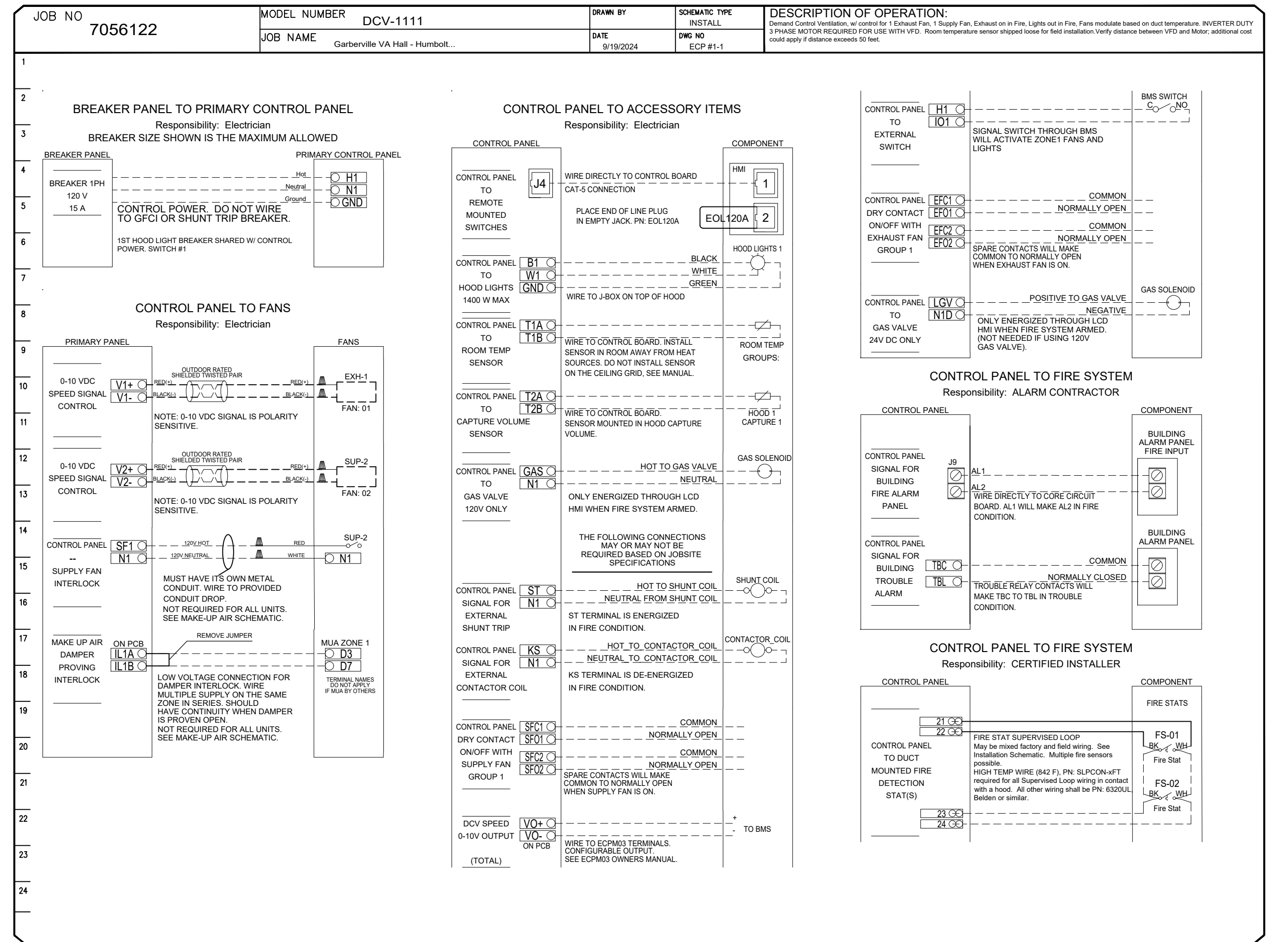
John Hayes Veterans Memorial Building
483 Conger Street, Garberville, CA 95542
Humboldt County, California
APN: 032-011-006-000

FOOD SERVICE CANOPY HOOD DETAILS - LEVEL 01



ELECTRICAL PACKAGE - JOB#7056122

NO	TAG	PACKAGE #	LOCATION	SWITCHES		OPTION	FANS CONTROLLED			
				LOCATION	QUANTITY		TYPE	HP	VOLT	FLA
1		DCV-1111	WALL UTILITY CABINET LEFT	SHIP LOOSE W/ HOOD HOOD # 1	1 LIGHT 1 FAN	SMART CONTROLS DCV				



NOTE: SEE INSTALLATION, OPERATION, AND MAINTENANCE MANUAL FOR FURTHER INSTRUCTIONS

ATTENTION: LOW-VOLTAGE DC OR SIGNALING WIRE SHOULD BE ROUTED IN SEPARATE CONDUIT FROM ALL AC SOURCES
NOTE: SEE INSTALLATION, OPERATION, AND MAINTENANCE MANUAL FOR FURTHER INSTRUCTIONS

REVISIONS

NO	DESCRIPTION	DATE

CAPTIVE
Seattle Office
114 NW Canal St #300, Seattle, WA 98107 PHONE: (425) 212-5996 FAX: 4252125998 EMAIL: rep85@captivate.com

Garberville VA Hall - Humbolt County CA - R1
GARBERVILLE, CA, 95542

DATE: 9/19/2024
DWG.#: 7056122
DRAWN BY: JL-R85
SCALE: 3/4" = 1'-0"
MASTER DRAWING

SHEET NO.
4

ORW ARCHITECTURE
www.orwarchitecture.com
1100 23RD AVENUE, SUITE 100, SEASIDE, CA 94133
TEL: 415.779.5237

FCS
FEDERAL CONTRACT SERVICES
1000 FACILITY CONSULTANTS
SPACE PLANNING & DESIGN

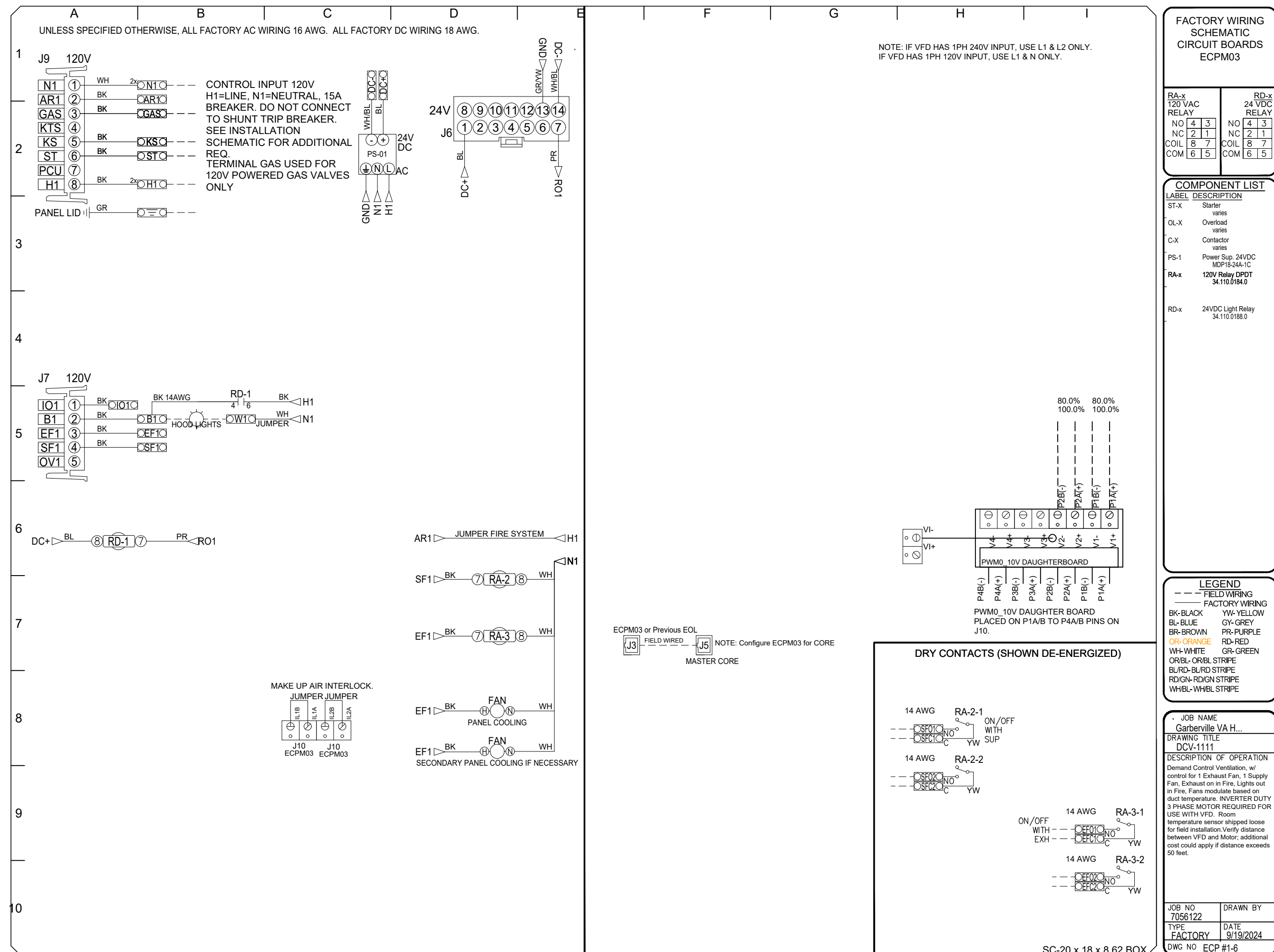
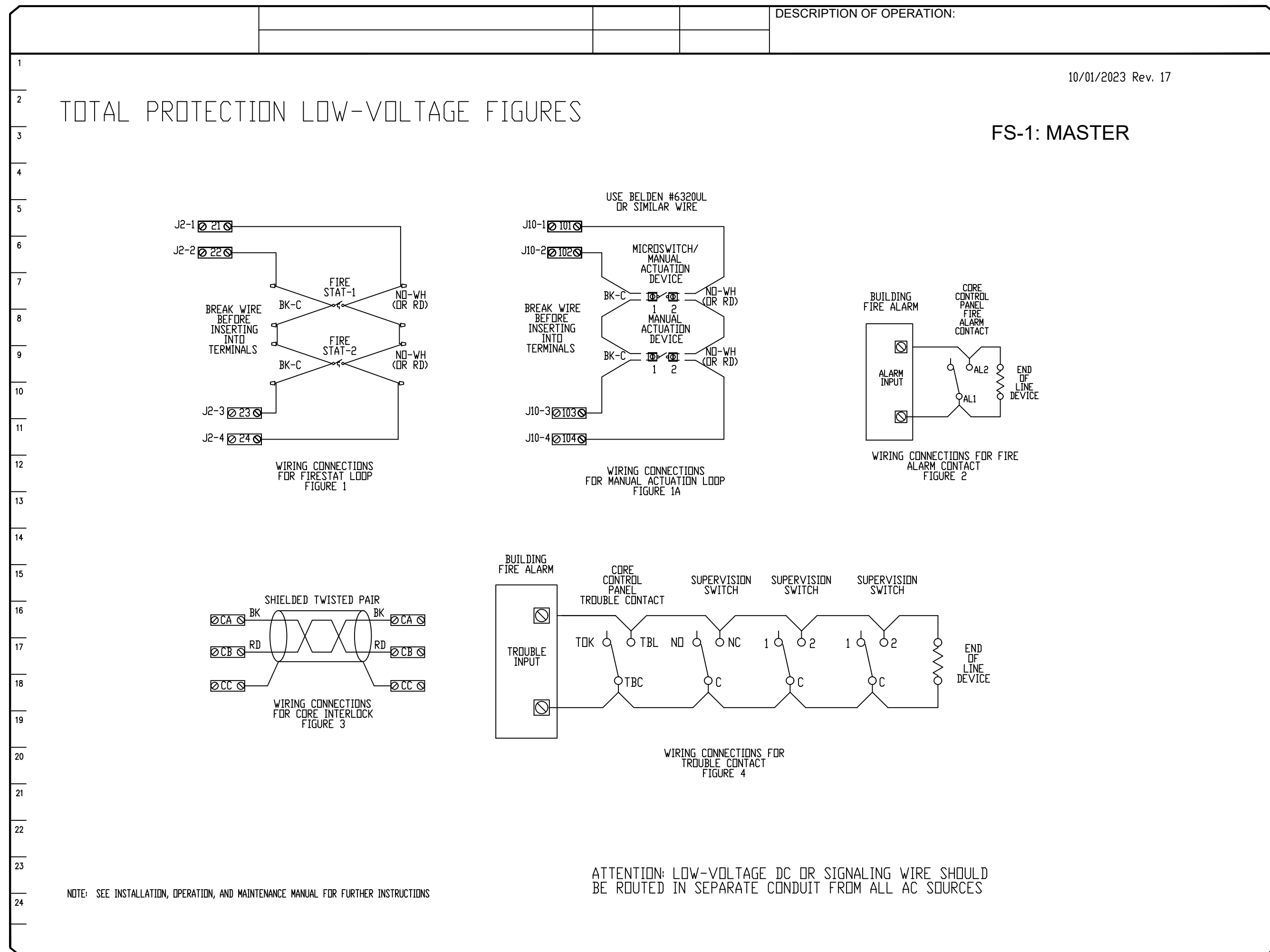
Holliday ASSOCIATES
2308 NW NORWOOD
SUITE 200, GAITHERSBURG, MD 20878
TEL: 301.948.9300
FAX: 301.948.9301
www.hollidayassoc.com

John Hayes Veterans Memorial Building
483 Conger Street, Garberville, CA 95542
Humboldt County, California
APN: 032-011-006-000

FOOD SERVICE CANOPY HOOD DETAILS - LEVEL 01

PROJECT: 2318
DATE: 12/09/2024
ISSUE: 100% CD

FS2.4

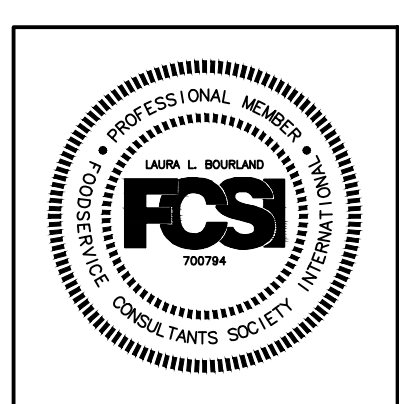


REVISIONS	DESCRIPTION	DATE

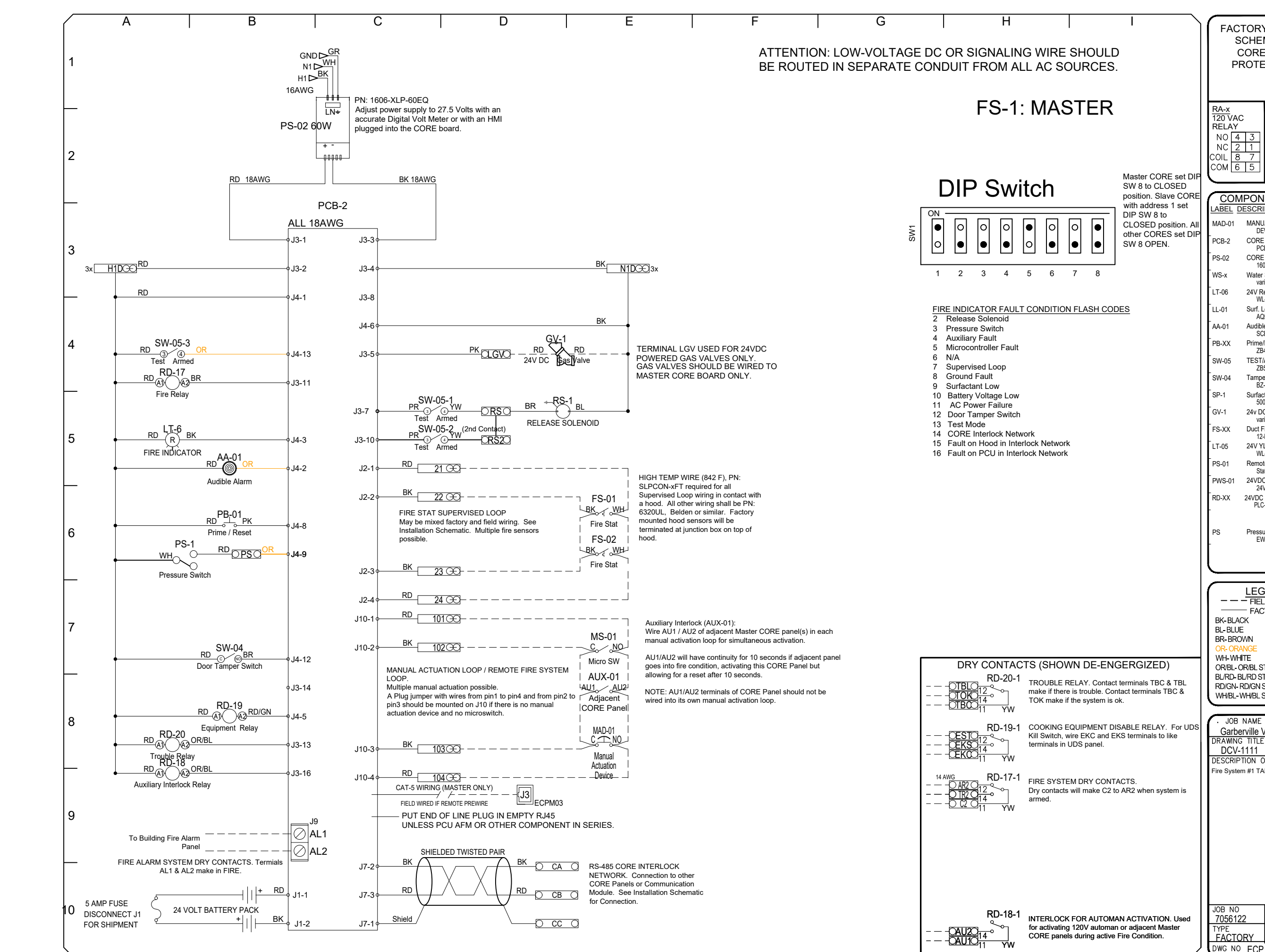
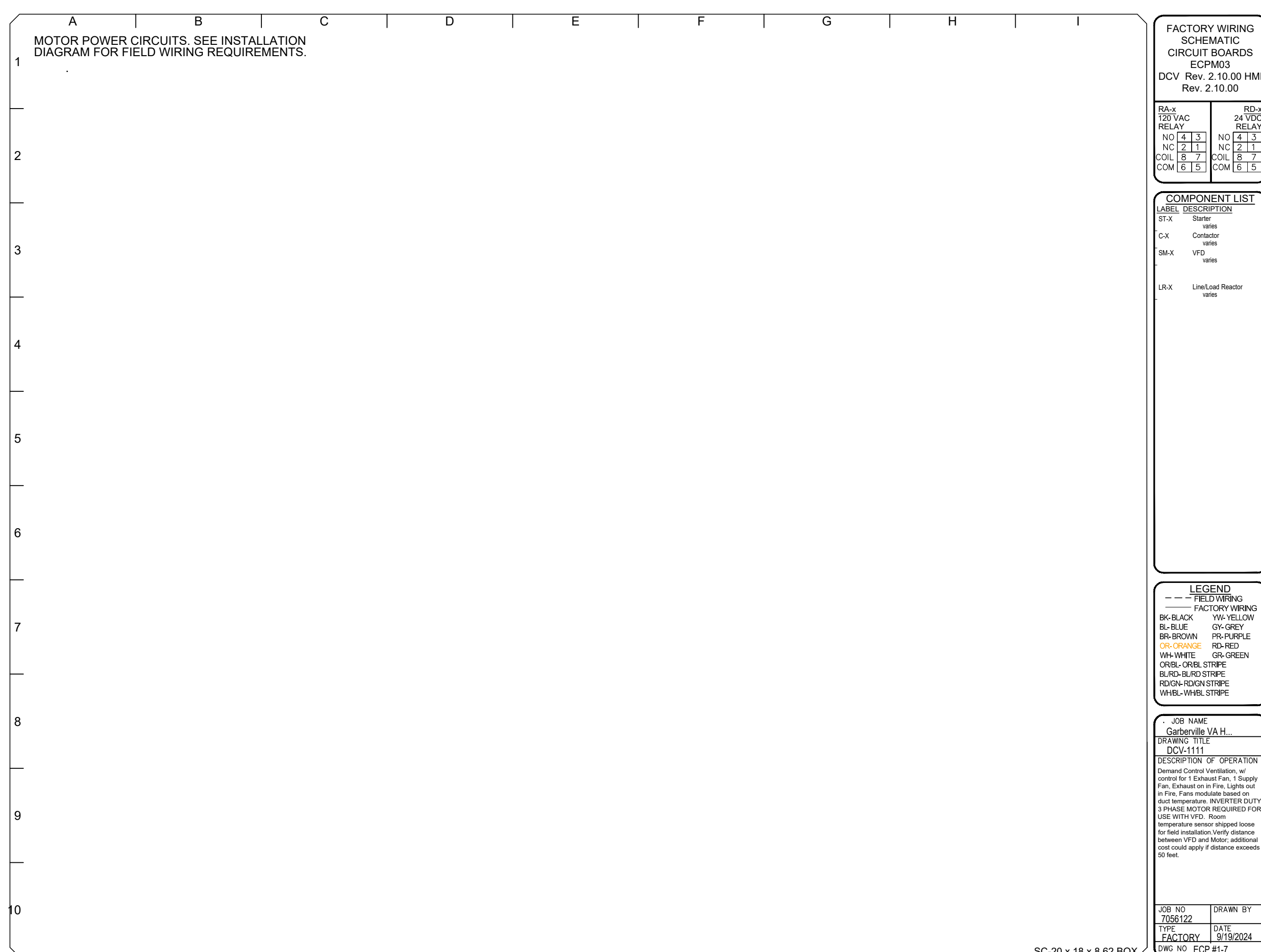
CAPTIVE

Seattle Office

114 NW Canal St. #300, Seattle, WA, 98107 PHONE: (425) 212-5996 FAX: 4252125998 EMAIL: regis@captivewea.com



John Hayes Veterans Memorial Building
483 Conger Street, Garberville, CA 95542
Humboldt County, California
APN: 032-011-006-000



Garberville VA Hall - Humboldt County CA - R1
GARBERVILLE, CA, 95542

DATE: 9/19/2024
DWG.#: 7056122
DRAWN BY: JL - R85
SCALE: 3/4" = 1'-0"
MASTER DRAWING
SHEET NO. 5

John Hayes Veterans Memorial Building
483 Conger Street, Garberville, CA 95542
Humboldt County, California
APN: 032-011-006-000

FOOD SERVICE CANOPY HOOD DETAILS - LEVEL 01

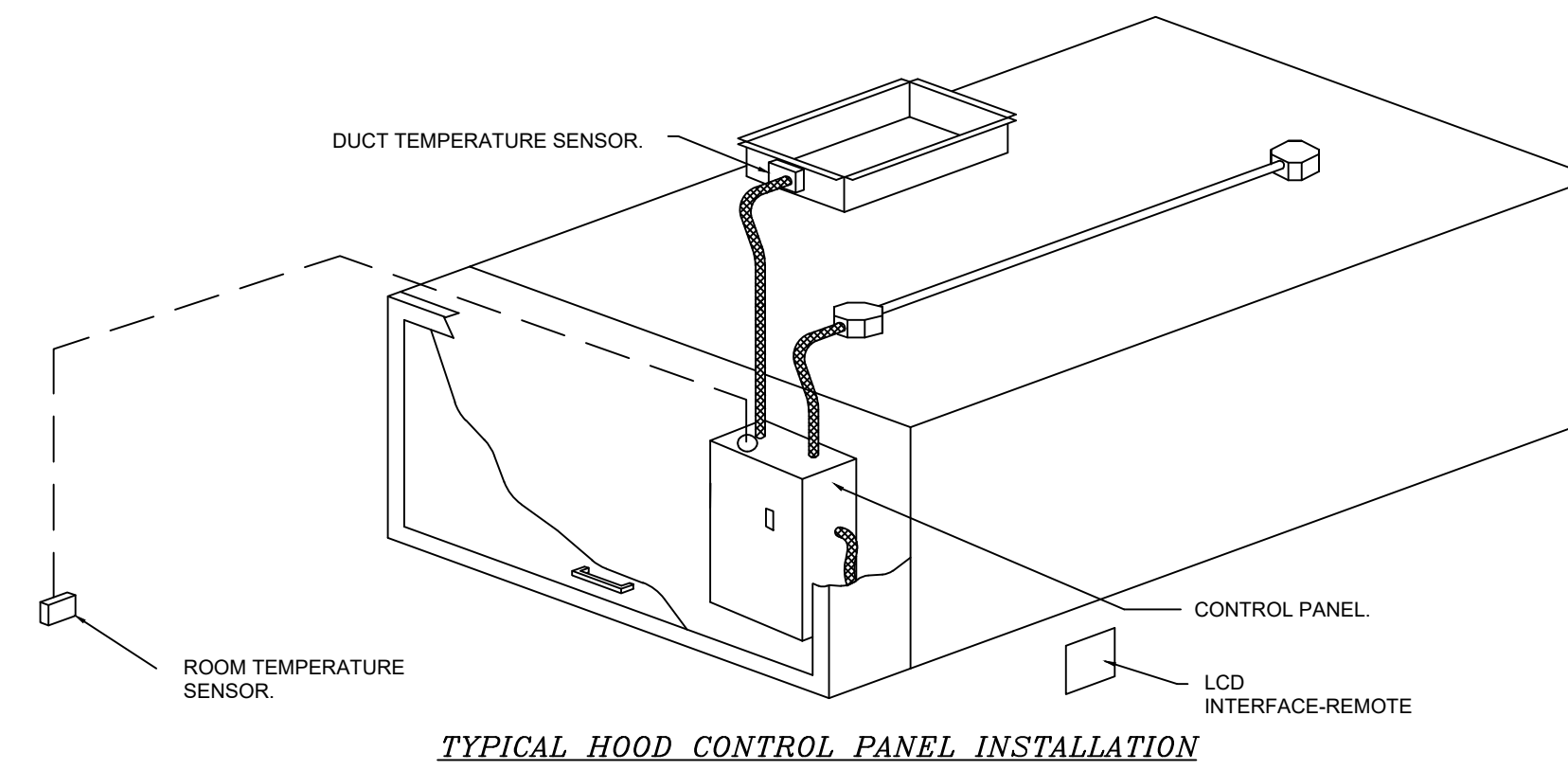
No.	Description	Date

PROJECT: 2318
DATE: 12/09/2024
ISSUE: 100% CO2

FS2.5

DEMAND CONTROL VENTILATION HOOD CONTROL PANEL SPECIFICATIONS:

- CONTROLS SHALL BE LISTED BY ETL (UL 508A) AND SHALL COMPLY WITH DEMAND VENTILATION SYSTEM TURNDOWN REQUIREMENTS OUTLINED IN IECC 403.7.5 (2021).
- THE CONTROL ENCLOSURE SHALL BE NEMA 1 RATED AND LISTED FOR INSTALLATION INSIDE OF THE EXHAUST HOOD UTILITY CABINET. THE CONTROL ENCLOSURE MAY BE CONSTRUCTED OF STAINLESS STEEL OR PAINTED STEEL.
- TEMPERATURE PROBE(S) LOCATED IN THE EXHAUST DUCT RISER(S) SHALL BE CONSTRUCTED OF STAINLESS STEEL.
- A DIGITAL CONTROLLER SHALL BE PROVIDED TO ACTIVATE THE HOOD EXHAUST FANS DYNAMICALLY BASED ON A FIXED DIFFERENTIAL BETWEEN THE AMBIENT AND DUCT TEMPERATURES SENSORS. THIS FUNCTION SHALL MEET THE REQUIREMENTS OF IMC 507.1.1.
- A DIGITAL CONTROLLER SHALL PROVIDE ADJUSTABLE HYSTERESIS SETTINGS TO PREVENT CYCLING OF THE FANS AFTER THE COOKING APPLIANCES HAVE BEEN TURNED OFF AND/OR THE HEAT IN THE EXHAUST SYSTEM IS REDUCED.
- A DIGITAL CONTROLLER SHALL PROVIDE AN ADJUSTABLE MINIMUM FAN RUN-TIME SETTING TO PREVENT FAN CYCLING.
- VARIABLE FREQUENCY DRIVES (VFDs) SHALL BE PROVIDED FOR FANS AS REQUIRED. THE DIGITAL CONTROLLER SHALL MODULATE THE VFDs BETWEEN A MINIMUM SETPOINT AND A MAXIMUM SETPOINT ON DEMAND. THE DUCT TEMPERATURE SENSOR INPUT(S) TO THE DIGITAL CONTROLLER SHALL BE USED TO CALCULATE THE SPEED REFERENCE SIGNAL.
- THE VFD SPEED RANGE OF OPERATION SHALL BE FROM 0% TO 100% FOR THE SYSTEM, WITH THE ACTUAL MINIMUM SPEED SET AS REQUIRED TO MEET MINIMUM VENTILATION REQUIREMENTS.
- AN INTERNAL ALGORITHM TO THE DIGITAL CONTROLLER SHALL MODULATE SUPPLY FAN VFD SPEED PROPORTIONAL TO ALL EXHAUST FANS THAT ARE LOCATED IN THE SAME FAN GROUP AS THE SUPPLY FAN.
- THE SYSTEM SHALL OPERATE IN PREP MODE DURING LIGHT COOKING LOAD OR COOL DOWN MODE WHEN SUFFICIENT HEAT REMAINS UNDERNEATH THE HOOD SYSTEM AFTER COOKING OPERATIONS HAVE COMPLETED. OPERATION DURING EITHER OF THESE PERIODS WILL DISABLE THE SUPPLY FANS AND PROVIDE AN EXHAUST FAN SPEED THAT IS EQUAL TO THE MINIMUM VENTILATION REQUIREMENT.
- A DIGITAL CONTROLLER SHALL DISABLE THE SUPPLY FAN(S), ACTIVATE THE EXHAUST FAN(S), ACTIVATE THE APPLIANCE SHUNT TRIP, AND DISABLE AN ELECTRIC GAS VALVE AUTOMATICALLY WHEN FIRE CONDITION IS DETECTED ON A COVERED HOOD.
- A DIGITAL CONTROLLER SHALL ALLOW FOR EXTERNAL BMS FAN CONTROL VIA DRY CONTACT (EXTERNAL CONTROL SHALL NOT OVERRIDE FAN OPERATION LOGIC AS REQUIRED BY CODE).
- AN LCD INTERFACE SHALL BE PROVIDED WITH THE FOLLOWING FEATURES:
 - A. ON/OFF PUSH BUTTON FAN & LIGHT SWITCH ACTIVATION.
 - B. INTEGRATED GAS VALVE RESET FOR ELECTRONIC GAS VALVES (NO RESET RELAY REQUIRED).
 - C. VFD FAULT DISPLAY WITH AUDIBLE & VISUAL ALARM NOTIFICATION.
 - D. DUCT TEMPERATURE SENSOR FAILURE DETECTION WITH AUDIBLE & VISUAL ALARM NOTIFICATION.
 - E. MIS-WIRED DUCT TEMPERATURE SENSOR DETECTION WITH AUDIBLE & VISUAL ALARM NOTIFICATION.
 - F. A SINGLE LOW VOLTAGE CAT-5 RJ45 WIRING CONNECTION.
 - G. AN ENERGY SAVINGS INDICATOR THAT UTILIZES MEASURED KWH FROM THE VFDs.



TYPICAL HOOD CONTROL PANEL INSTALLATION

SEQUENCE OF OPERATIONS:

- THE HOOD CONTROL PANEL IS CAPABLE OF OPERATING IN ONE OR MORE OF THE FOLLOWING STATES AT ANY GIVEN TIME:
 - **AUTOMATIC:** THE SYSTEM OPERATES BASED ON THE DIFFERENTIAL BETWEEN ROOM TEMPERATURE AND THE TEMPERATURE AT THE HOOD CAVITY OR EXHAUST DUCT COLLAR. FANS ACTIVATE AT A CONFIGURABLE TEMPERATURE DIFFERENTIAL THRESHOLD. DEPENDING ON THE JOB CONFIGURATION EACH FAN ZONE CAN BE CONFIGURED AS STATIC OR DYNAMIC. THESE TERMS REFER TO WHETHER A VARIABLE MOTOR (SUCH AS EC MOTORS OR VFD DRIVEN MOTORS) MODULATE WITH TEMPERATURE. IF THE PANEL IS EQUIPPED WITH VARIABLE SPEED FANS AND THE ZONE IS DEFINED AS "DYNAMIC", THESE WILL MODULATE WITHIN A USER-DEFINED RANGE BASED ON THE TEMPERATURE DIFFERENTIAL. PANELS EQUIPPED WITH VARIABLE SPEED FANS AND A FAN ZONE DEFINED AS "STATIC", FANS WILL RUN AT A SET SPEED CALCULATED FOR THE DRIVE. DEMAND CONTROL VENTILATION SYSTEMS ARE CAPABLE OF MODULATING EXHAUST AND MAKE UP AIR FAN SPEEDS PER THE REQUIREMENTS OUTLINED IN IECC 403.7.5 (2021).
 - **MANUAL:** THE SYSTEM OPERATES BASED ON HUMAN INPUT FROM AN HMI.
 - **SCHEDULE:** A WEEKLY SCHEDULE CAN BE SET TO RUN FANS FOR A SPECIFIED PERIOD THROUGHOUT THE DAY. THERE ARE THREE OCCUPIED TIMES PER DAY TO ALLOW FOR THE USER TO SET UP A TIME THAT IS SUITABLE TO THEIR NEEDS. ANY TIME THAT IS WITHIN THE DEFINED OCCUPIED TIME, THE SYSTEM WILL RUN AT MODULATION MODE AND FOLLOW THE FAN PROCEDURE ALGORITHM BASED ON TEMPERATURE DURING THIS TIME. DURING UNOCCUPIED TIME, THE SYSTEM WILL HAVE AN EXTRA OFFSET TO PREVENT UNINTENDED ACTIVATION OF THE SYSTEM DURING A TIME WHERE THE SYSTEM IS NOT BEING OCCUPIED.
 - **OTHER:** THE SYSTEM OPERATES BASED ON THE INPUT FROM AN EXTERNAL SOURCE (DDC, BMS OR HARD-WIRED INTERLOCK).
 - **FIRE:** UPON ACTIVATION OF THE HOOD FIRE SUPPRESSION SYSTEM, THE EXHAUST FAN WILL COME ON OR CONTINUE TO RUN, THE HOOD MAKEUP AIR WILL SHUTDOWN, AND A SIGNAL WILL BE SENT FOR ACTIVATING THE SHUNT TRIP BREAKER PROVIDED BY THE ELECTRICIAN. FUEL GAS WILL SHUT OFF VIA A MECHANICAL/ELECTRICAL GAS VALVE ACTUATED BY THE HOOD FIRE SUPPRESSION SYSTEM.

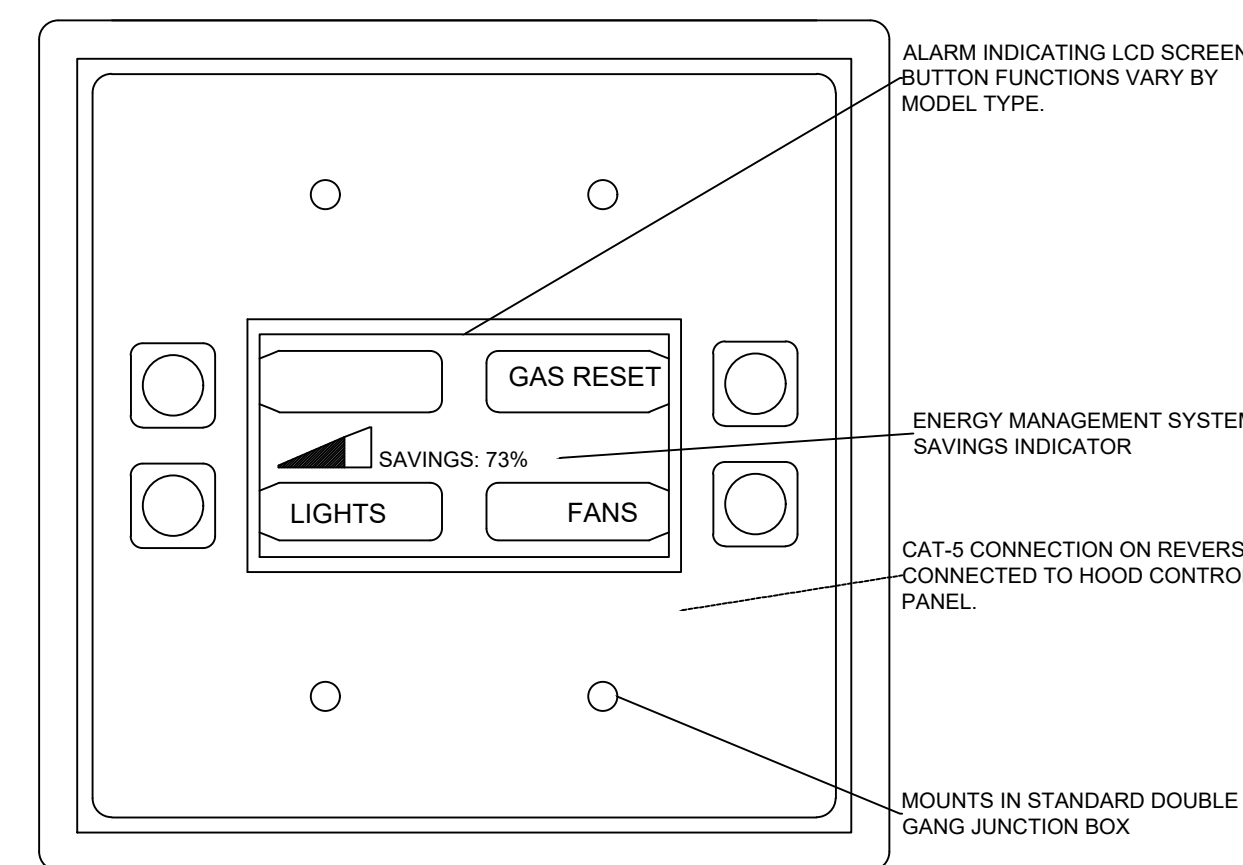
SYSTEM DESIGN VERIFICATION (SDV)

IF ORDERED, CAS SERVICE WILL PERFORM A SYSTEM DESIGN VERIFICATION (SDV) ONCE ALL EQUIPMENT HAS HAD A COMPLETE START UP PER THE OPERATION AND INSTALLATION MANUAL. TYPICALLY, THE SDV WILL BE PERFORMED AFTER ALL INSPECTIONS ARE COMPLETE.

ANY FIELD RELATED DISCREPANCIES THAT ARE DISCOVERED DURING THE SDV WILL BE BROUGHT TO THE ATTENTION OF THE GENERAL CONTRACTOR AND CORRESPONDING TRADES ON SITE. THESE ISSUES WILL BE DOCUMENTED AND FORWARDED TO THE APPROPRIATE SALES OFFICE. IF CAS SERVICE HAS TO RESOLVE A DISCREPANCY THAT IS A FIELD ISSUE, THE GENERAL CONTRACTOR WILL BE NOTIFIED AND BILLED FOR THE WORK. SHOULD A RETURN TRIP BE REQUIRED DUE TO ANY FIELD RELATED DISCREPANCY THAT CANNOT BE RESOLVED DURING THE SDV, THERE WILL BE ADDITIONAL TRIP CHARGES.

DURING THE SDV, CAS SERVICE WILL ADDRESS ANY DISCREPANCY THAT IS THE FAULT OF THE MANUFACTURER. SHOULD A RETURN TRIP BE REQUIRED, THE GENERAL CONTRACTOR AND APPROPRIATE SALES OFFICE WILL BE NOTIFIED. THERE WILL BE NO ADDITIONAL CHARGES FOR MANUFACTURER DISCREPANCIES.

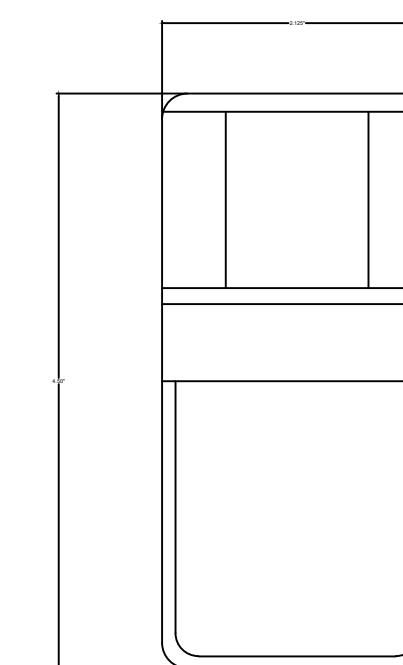
SC-CONTROLS EXTERNAL COMPONENT DETAILS



HMI- (USER INTERFACE)

MOUNTS IN STANDARD 2 GANG BOX
CONFIRM LOCATION ON ARCH. DRAWING.

HMI CONNECTS TO DCV CONTROL BOX
WITH SUPPLIED RJ45 CABLE.



ROOM TEMPERATURE SENSOR

MOUNTS IN STANDARD SINGLE GANG ELECTRICAL BOX.

INSTALL IN LOCATION TO PROVIDE MOST ACCURATE ROOM TEMPERATURE (NEAR RTU T-STAT OR RTU RETURN) AWAY FROM HEAT SOURCES.

WIRE TO DCV CONTROL BOARD WITH PROVIDED 2 WIRE LOW VOLTAGE CABLE.

REVISIONS	
DESCRIPTION	DATE

CAPTIVE

www.captivecontrols.com

Seattle Office

114 NW Canal St. #300, Seattle, WA, 98107 PHONE: (425) 212-5996 FAX: 4252125988 EMAIL: rep@5@captive.com

Garberville VA Hall - Humboldt County CA - R1

GARBERVILLE, CA, 95542

DATE: 9/19/2024

DWG.#: 7056122

DRAWN BY: JL - R85

SCALE: 3/4" = 1'-0"

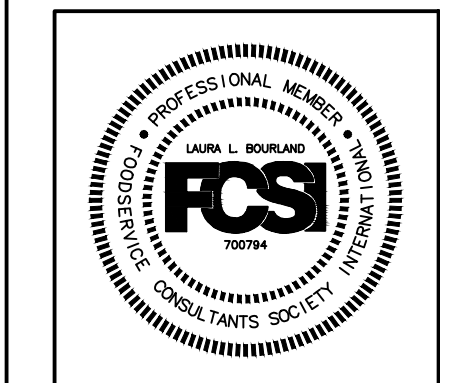
MASTER DRAWING

SHEET NO.

6

ORW
ARCHITECTURE

WWW.ORWARCHITECTURE.COM
2300 CALIFORNIA STREET
SUITE 200
SAN FRANCISCO, CA 94115
415.779.5237



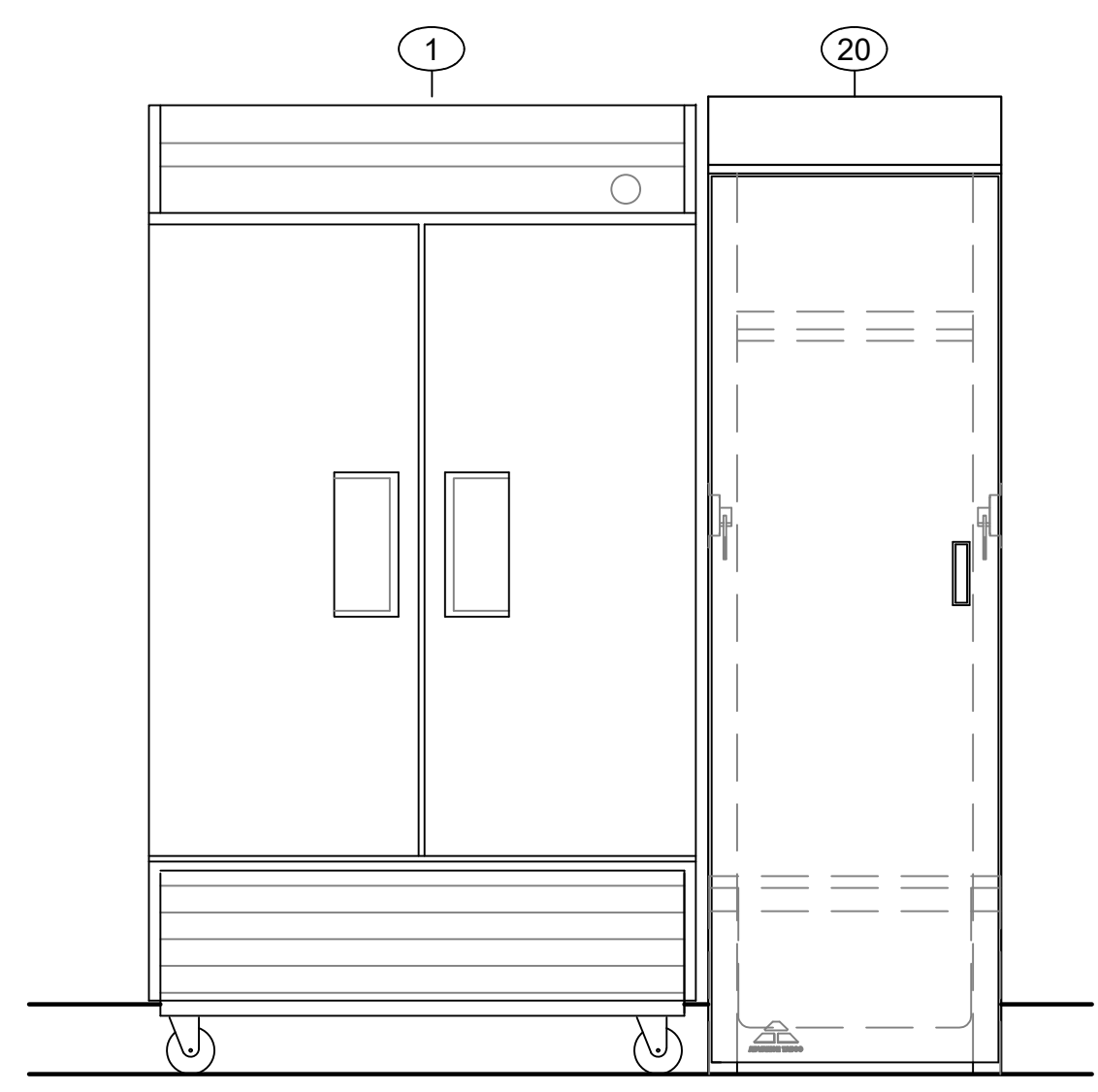
HAL LIDA
REGISTERED PROFESSIONAL ENGINEER
REGISTERED PROFESSIONAL FIRE PROTECTION ENGINEER
1908 W. 10TH AVE. SUITE 200
SEASIDE, CA 94133
5000 FACILITY CONSULTANTS
SPACE PLANNING & DESIGN

John Hayes Veterans Memorial Building
483 Conger Street, Garberville, CA 95542
Humboldt County, California
APN: 032-011-006-000

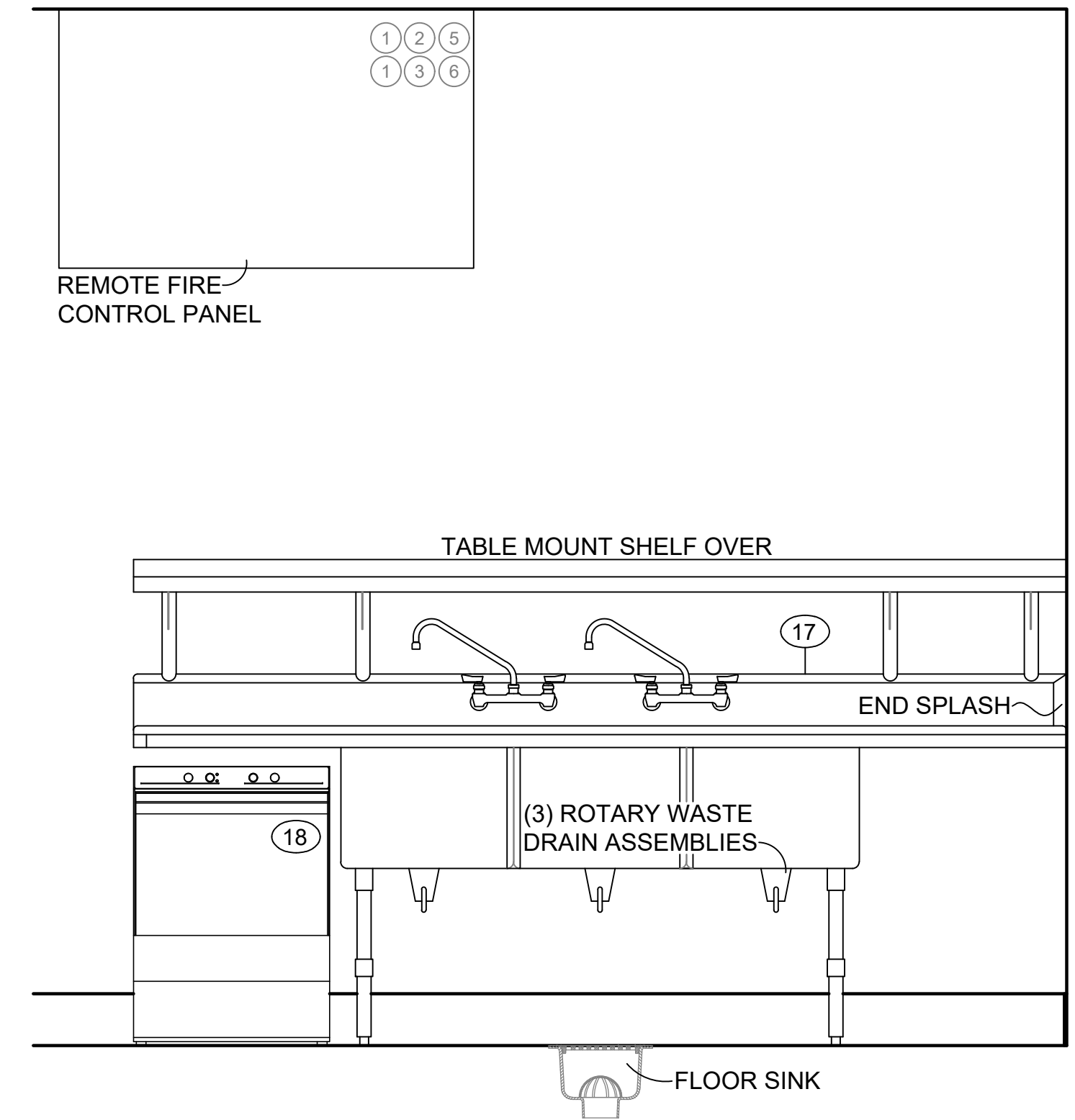
FOOD SERVICE CANOPY HOOD DETAILS - LEVEL 01

PROJECT:		2318
DATE:		12/09/2024
ISSUE:		100% CD
No.	Description	Date

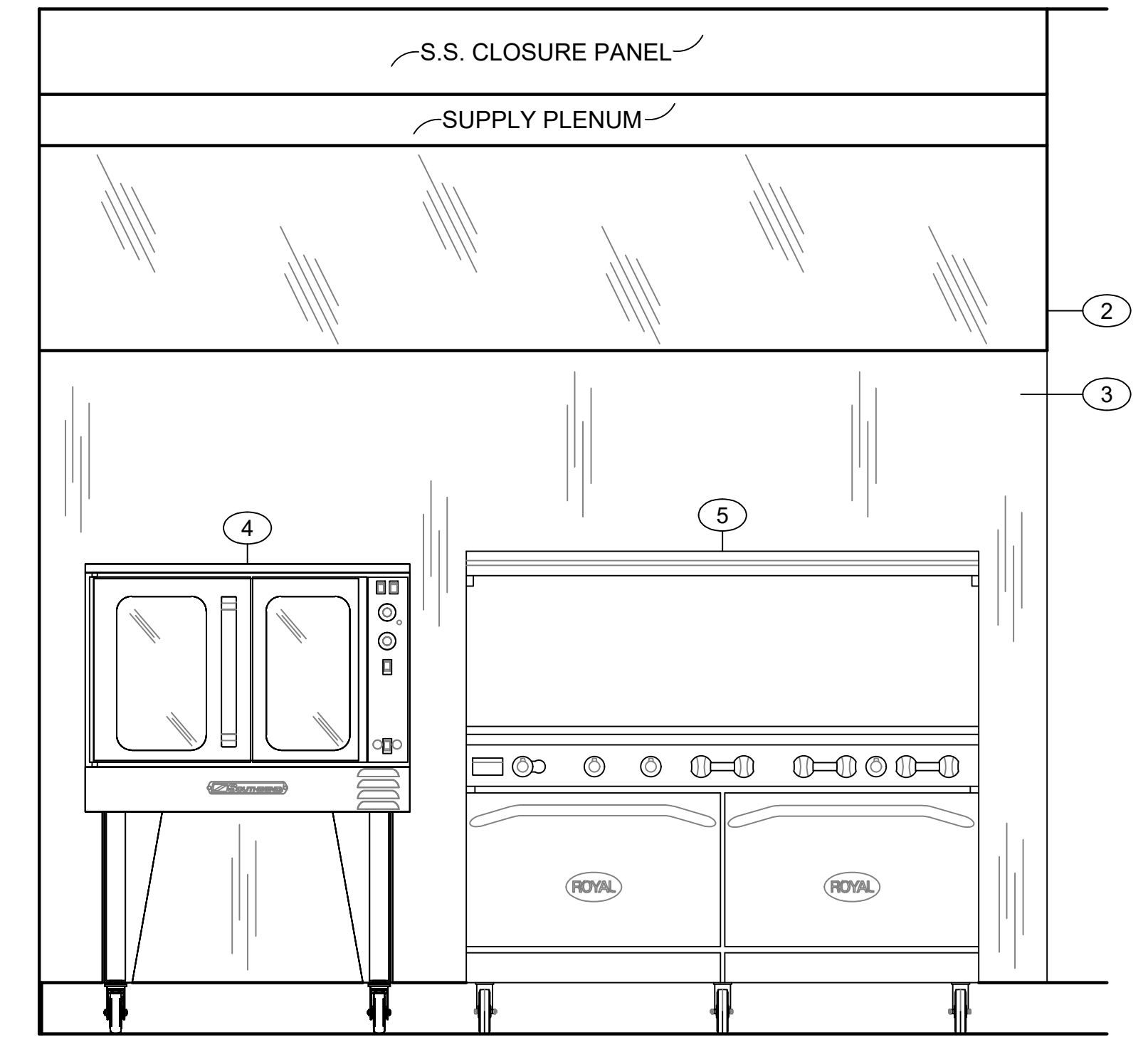
FS2.6



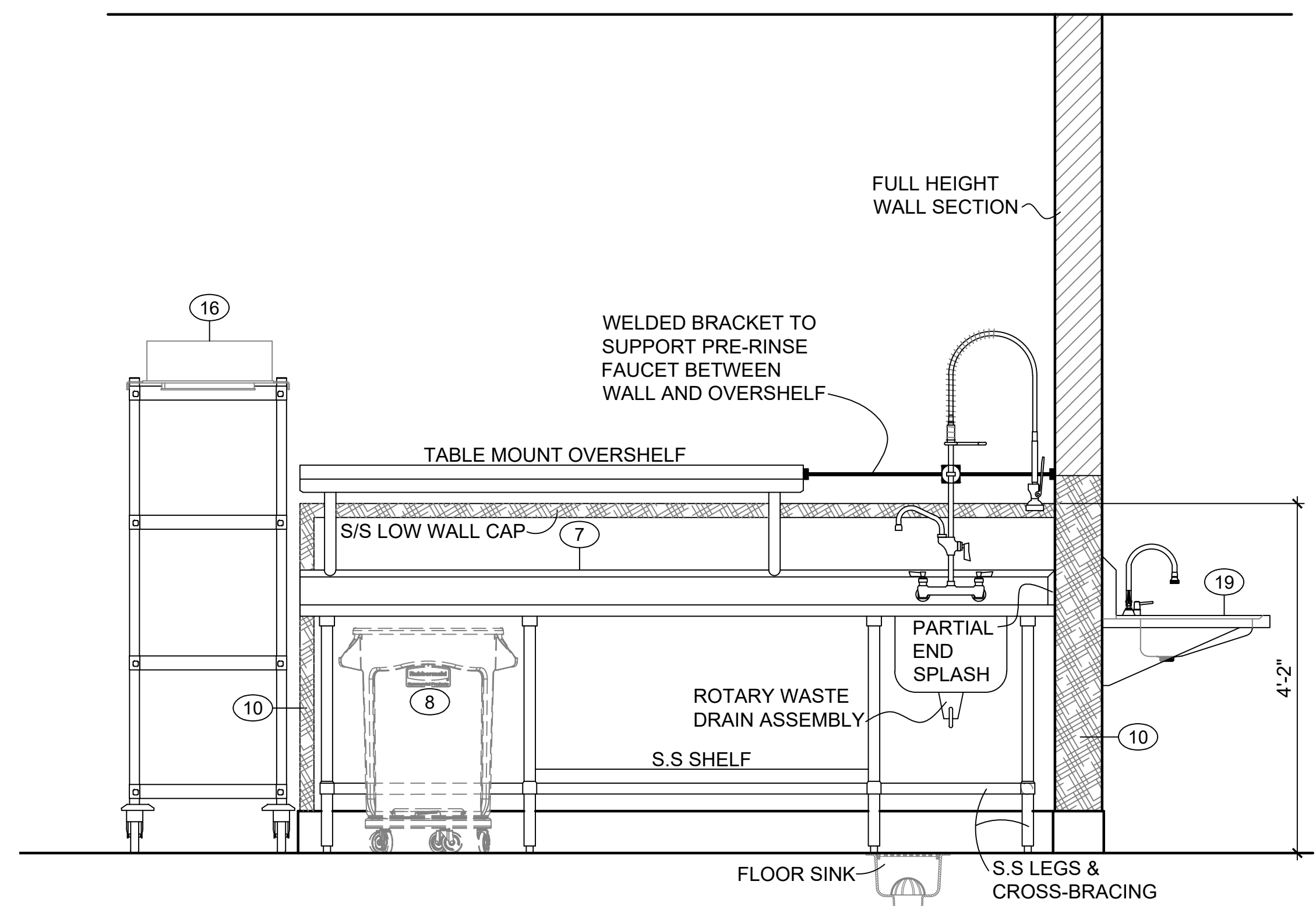
1 ELEVATION R.I. FREEZER AND MOP CLOSET
3/4"=1'-0"



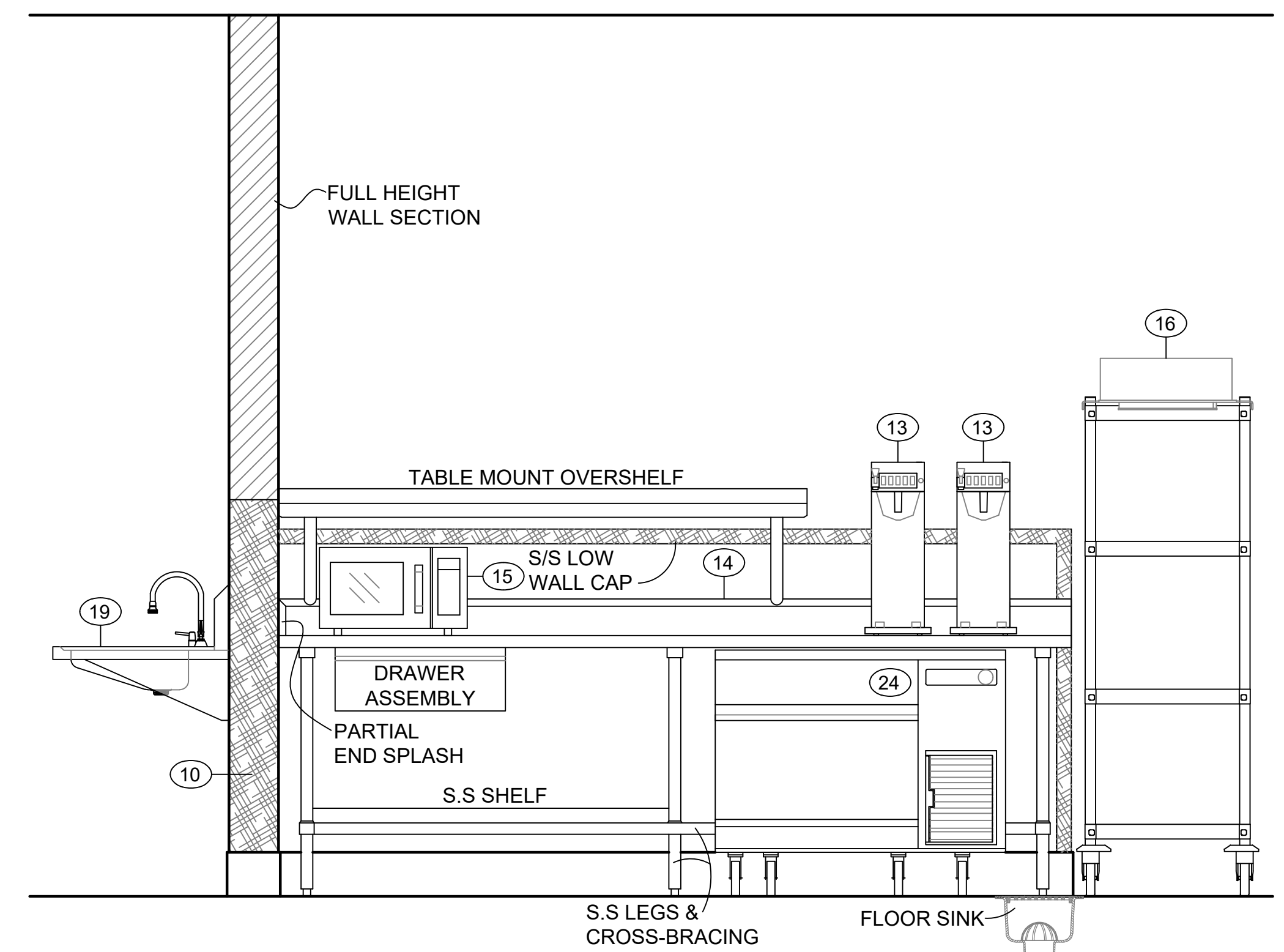
2 ELEVATION POT WASHING SINK TABLE
3/4"=1'-0"



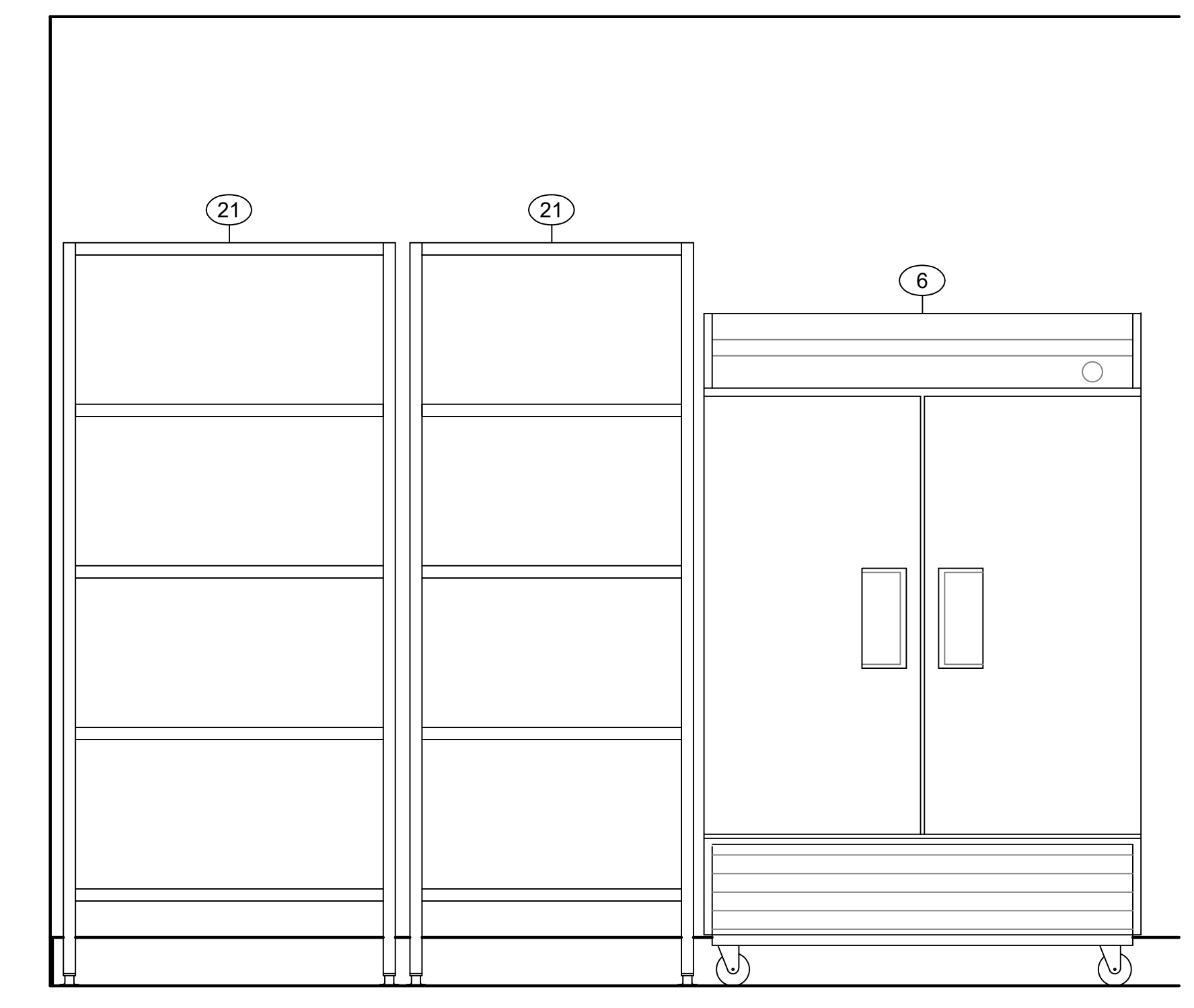
3 ELEVATION COOKING LINE
3/4"=1'-0"



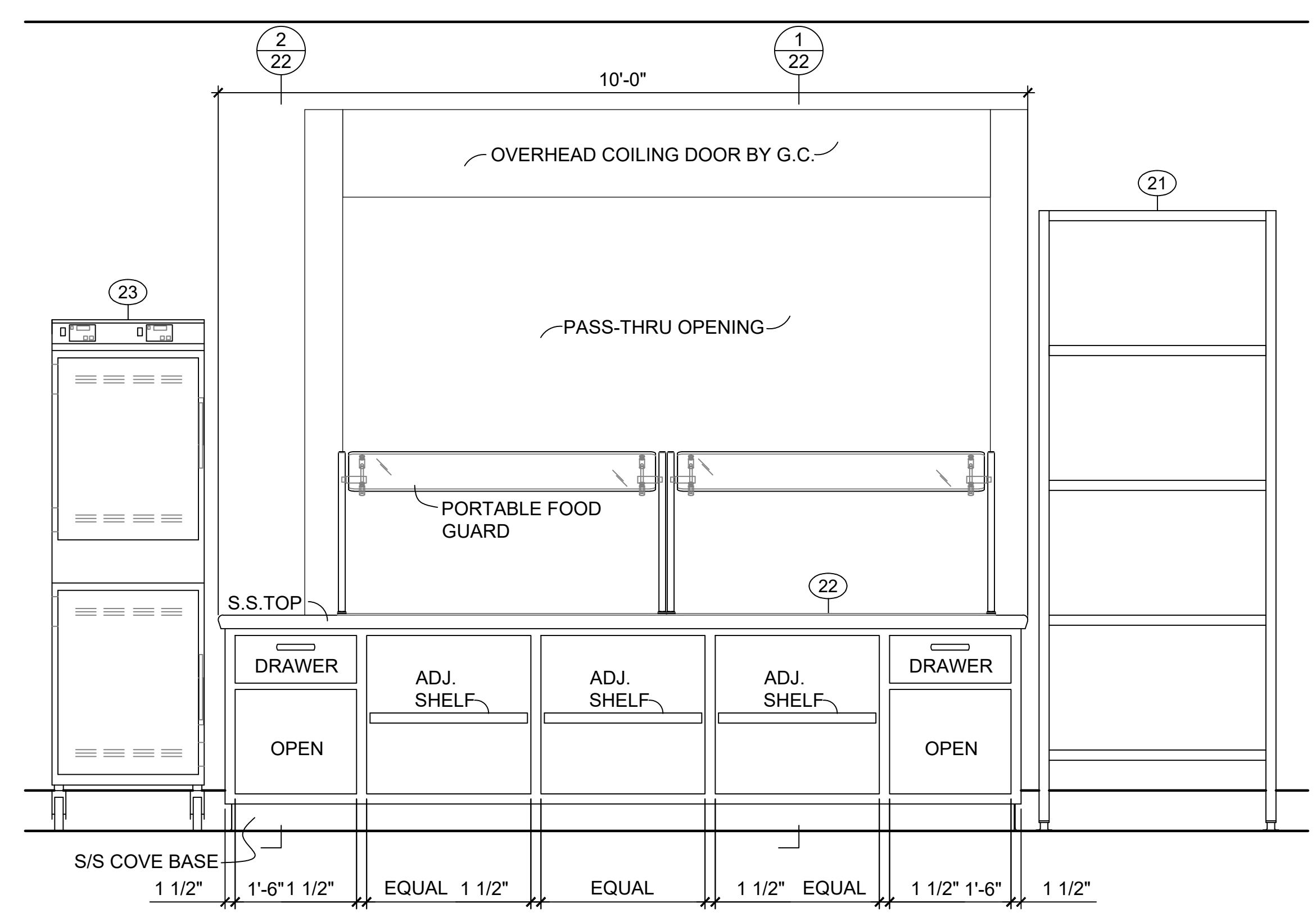
4 ELEVATION PREP WORK TABLE WITH SINK
3/4"=1'-0"



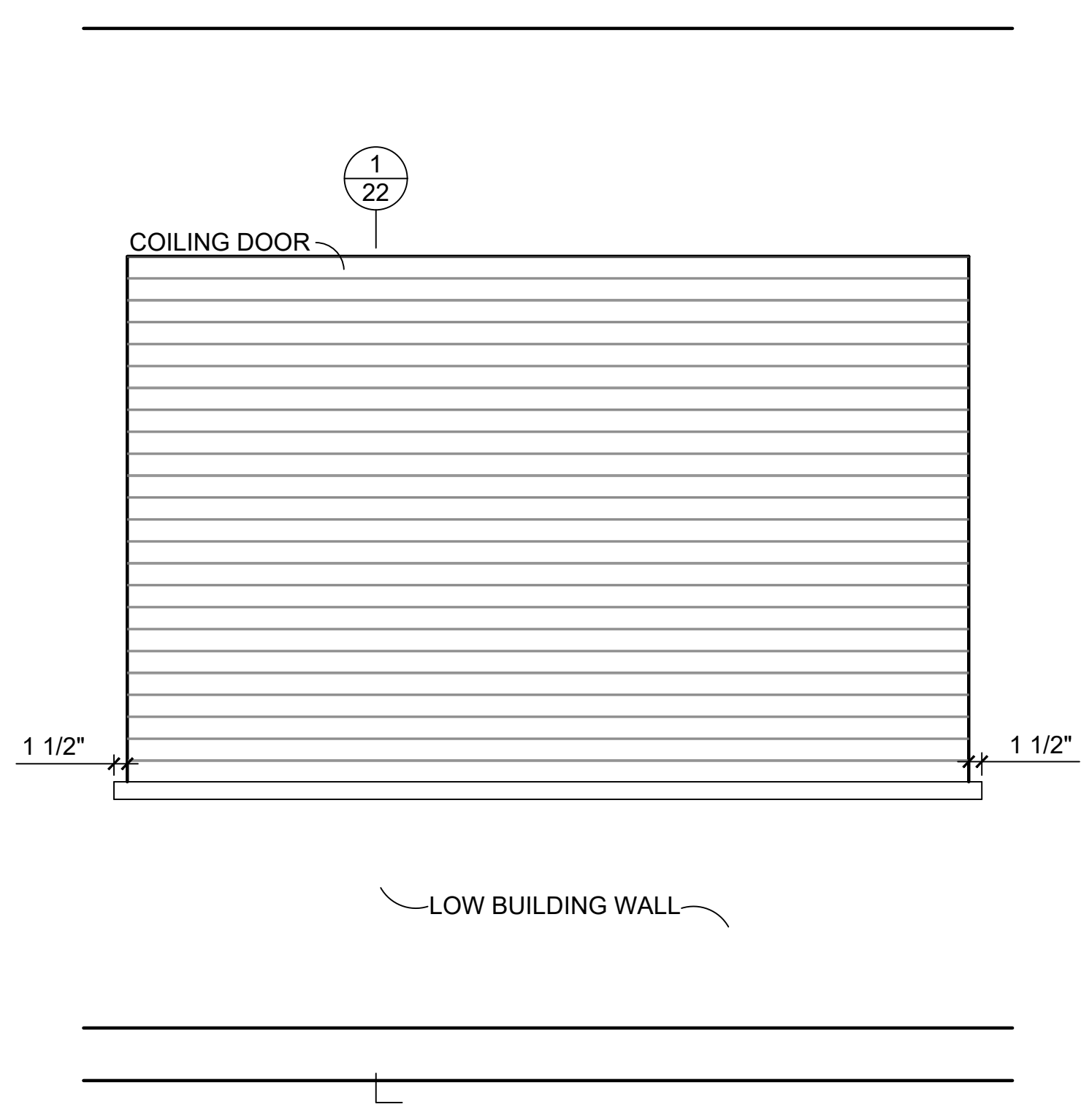
5 ELEVATION SUPPORT WORK TABLE & UNDERCOUNTER REFRIG.
3/4"=1'-0"



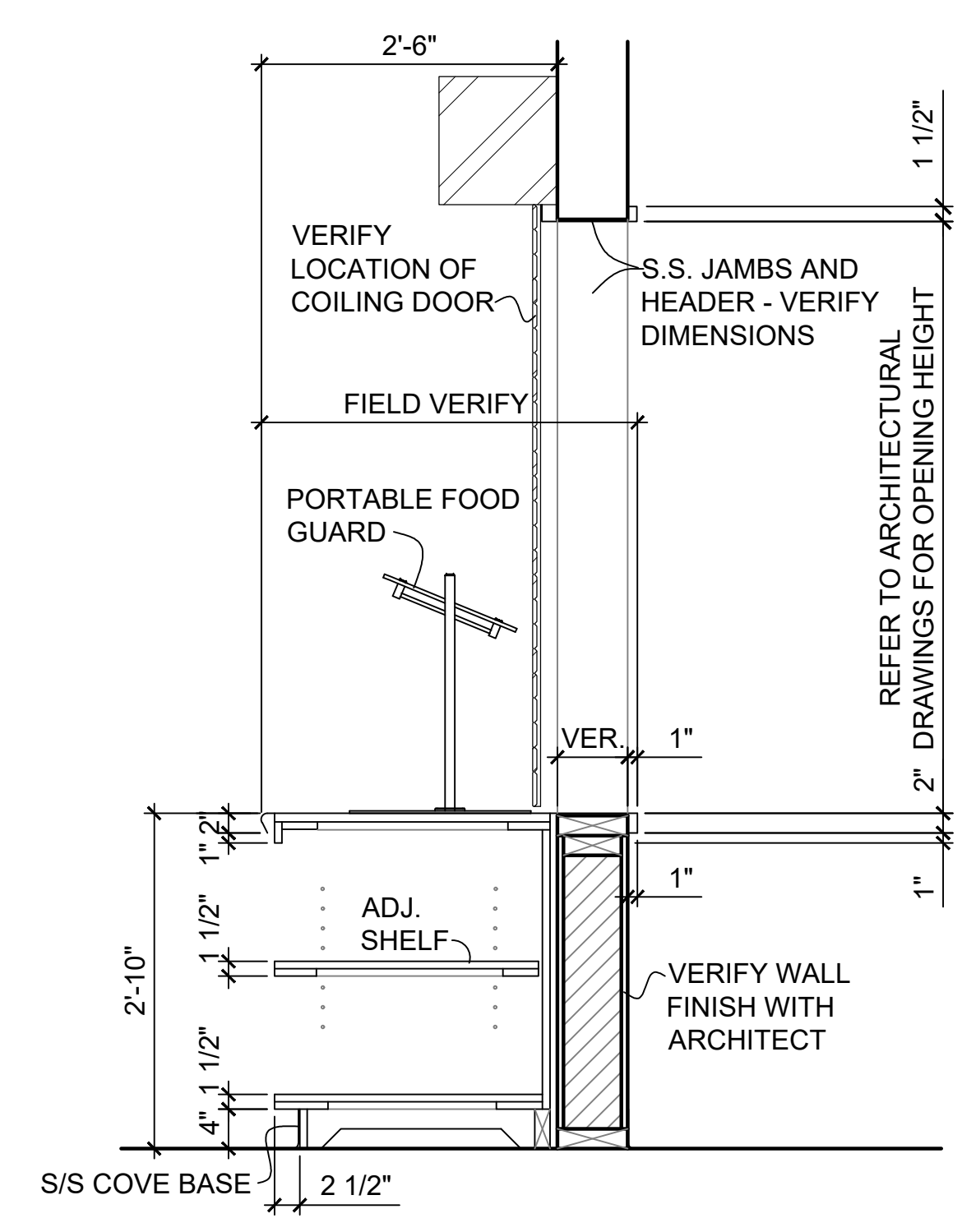
6 ELEVATION DRY STORAGE SHELVING
3/4"=1'-0"



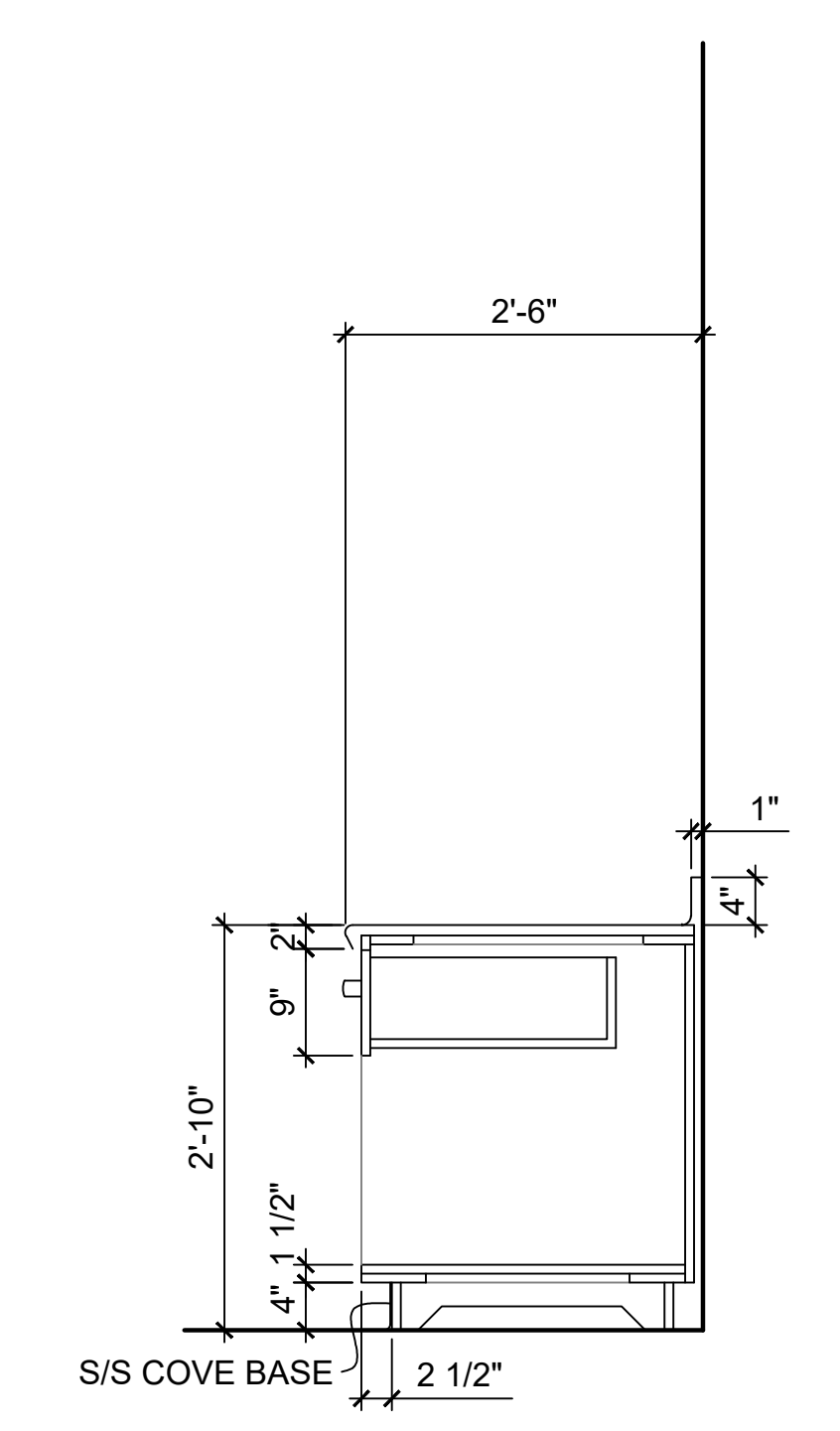
7 ELEVATION SERVING COUNTER (SERVICE SIDE)
3/4"=1'-0"



8 ELEVATION SERVING COUNTER (CUSTOMER SIDE)
3/4"=1'-0"



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



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

1 LEVEL 01 - FOOD SERVICE ELEVATION AND FABRICATION DETAILS
1/4" = 1'-0"

No.	Description	Date

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