

CLIMATE ZONE

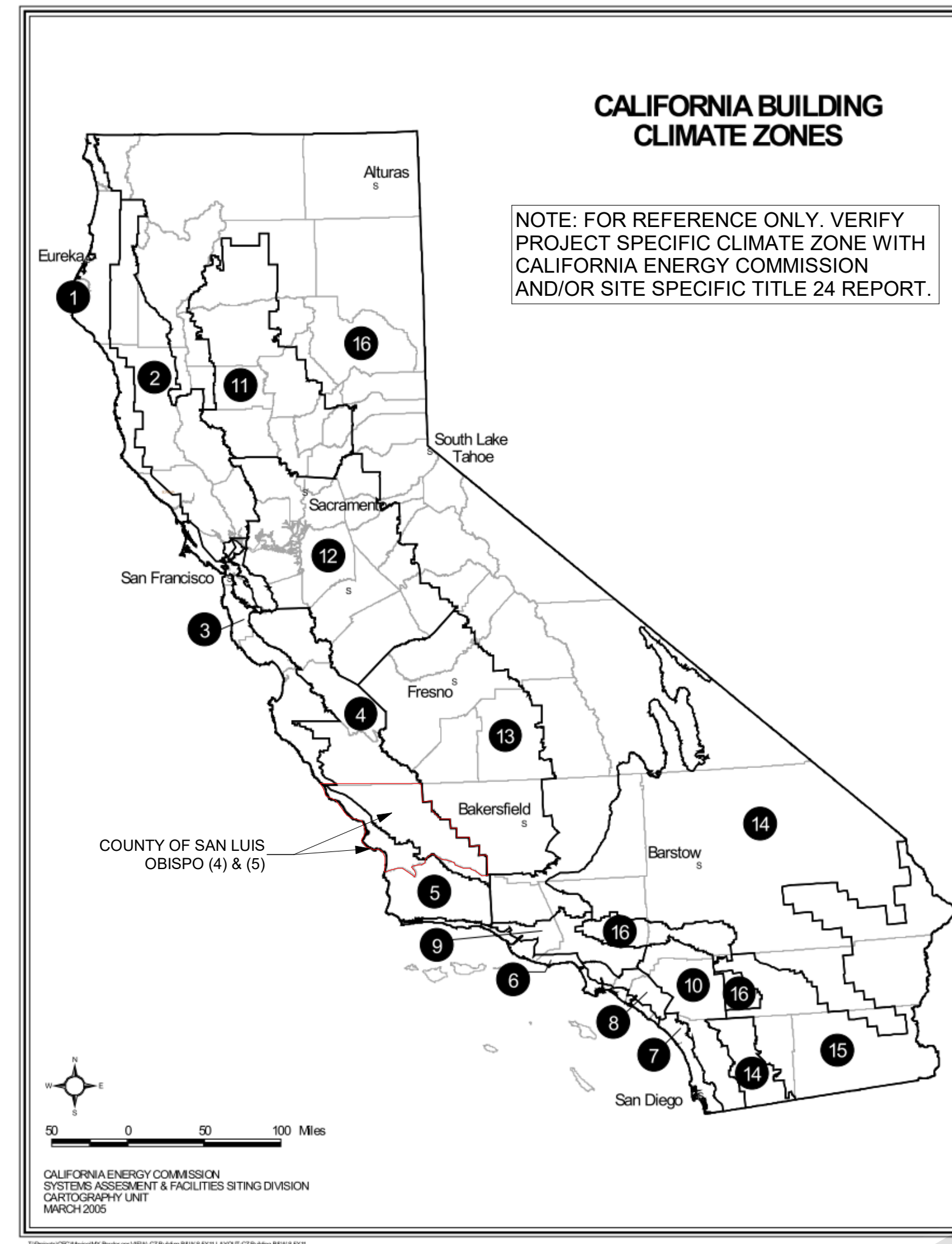


FIGURE 100.1-A—CALIFORNIA CLIMATE ZONES
Climate Zones for Residential and Nonresidential Occupancies

SECTION 100.1 – DEFINITIONS AND RULES OF CONSTRUCTION

ABBREVIATIONS

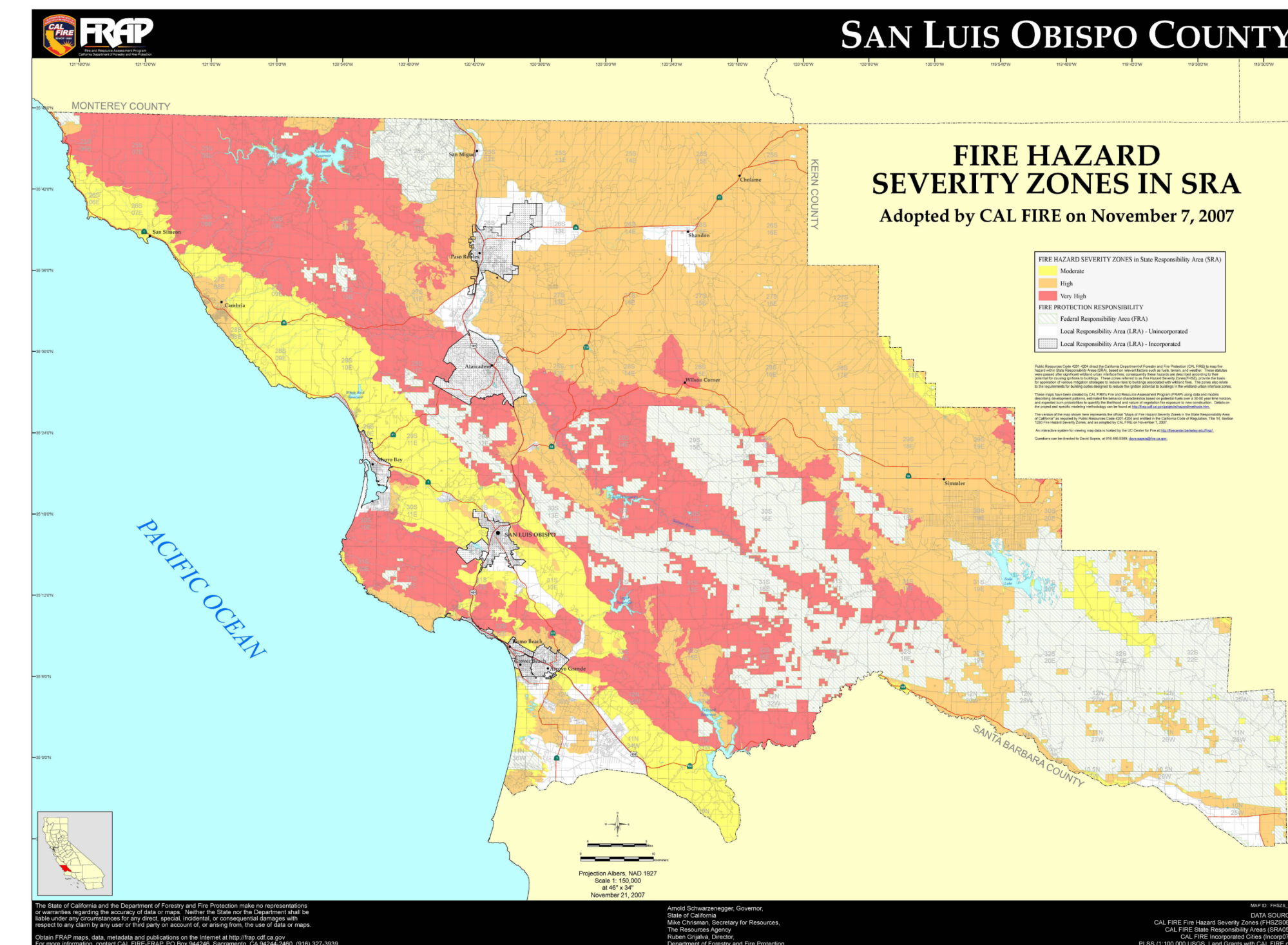
A/C AIR CONDITIONING	EXT EXTERIOR	MAX MAXIMUM	SF SQUARE FOOT
ABV ABOVE	FAACP FIRE ALARM CONTROL PANEL	MDF MEDIUM DENSITY FIBERBOARD	SHT SHEET
ACOUS ACOUSTICAL	FAU FORCED AIR UNIT	MECH MECHANICAL	SHTHG SHEATHING
ACT ACOUSTICAL CEILING TILE	FAWP FLUID APPLIED WATERPROOFING	MEMB MEMBRANE	SIM SIMILAR
ADA AMERICANS WITH DISABILITIES ACT	FD FLOOR DRAIN	MEP MECHANICAL, ELECTRICAL, PLUMBING	SM SHEET METAL
AFCI ARC FAULT CIRCUIT INTERRUPTER	FDC FIRE DEPARTMENT CONNECTION	MFR MANUFACTURER	SPEC SPECIFICATION
AFF ABOVE FINISH FLOOR	FE FIRE EXTINGUISHER	MIN MINIMUM	SQ SQUARE
AL ALUMINUM	FEC FIRE EXTINGUISHER CABINET	MISC MISCELLANEOUS	SS SOLID SURFACE
ALT ALTERNATE	FF FINISHED FLOOR ELEVATION	MO MASONRY OPENING	SSTL STAINLESS STEEL
ARCH ARCHITECT(URAL)	FG FINISHED GRADE	MTD MOUNTED	STC SOUND TRANSMISSION CLASS
BD BOARD	FH FIRE HYDRANT	MTL METAL	STD STANDARD
BDRM BEDROOM	FHC FIRE HOSE CABINET	N NORTH	STL STEEL
BET BETWEEN	FIN FINISH	NIC NOT IN CONTRACT	STOR STORAGE
BIT BITUMINOUS	FIXT FIXTURE	NO NUMBER	STRUCT STRUCTURAL
BLDG BUILDING	FLR FLOOR	NOM NOMINAL	SUSP SUSPENDED
BLKG BLOCKING	FLUOR FLOURESCENT	NTS NOT TO SCALE	SV SHEET VINYL
BLW BELOW	FND FOUNDATION	O.P. OVERFLOW PIPE	SYM SYMMETRICAL
BM BEAM	FO FACE OF	OC ON CENTER	T TREAD
BOT BOTTOM	FOC FACE OF CONCRETE	OD OVERFLOW DRAIN	T&G TONGUE & GROOVE
BUR BUILT UP ROOF	FOF FACE OF FINISH	OFF OFFICE	TEL TELEPHONE
CB CATCH BASIN	FOIC FURNISHED BY OWNER INSTALLED BY CONTRACTOR	OH OPPOSITE HAND	TEMP TEMPERED
CBF CALIFORNIA BUILDING CODE	FOM FACE OF MASONRY	OPG OPENING	TER TERRAZZO
CEM CEMENT	FOS FACE OF STUD	OPP OPPOSITE	THK THICK
CFM CUBIC FEET PER MINUTE	FRP FIBERGLASS REINFORCED PANELS	(P) PROPOSED	THR THRESHOLD
CIP CAST IN PLACE	FT FOOT OR FEET	PERM PERIMETER	TJI TRUSS JOIST I-JOIST
CJ CONTROL JOINT	FTG FOOTING	PERP PERPENDICULAR	TO TOP OF
CL CENTER LINE	GA GAUGE, GAGE	PG PAINT GRADE	TOS TOP OF SLAB
CLG CEILING	GALV GALVANIZED	PL PLATE, PROPERTY LINE	TOW TOP OF WALL
CLO CLOSET	GB GRAB BAR	PLAM PLASTIC LAMINATE	TRANS TRANSFORMER
CLR CLEAR	GC GENERAL CONTRACTOR	PLBG PLUMBING	TV TELEVISION
CMU CONCRETE MASONRY UNIT	GFCI GROUND FAULT CIRCUIT INTERRUPTER	PLYWD PLYWOOD	TYP TYPICAL
CO CLEAN OUT	GWB GYPSUM BOARD	PNL PANEL	UFAS UNIFORM FEDERAL ACCESSIBILITY STANDARDS
COL COLUMN	GYP GYPSUM	PP POWER POLE	UG UNDERGROUND
CONC CONCRETE	HB HOSE BIBB	PR PAIR	UNFIN UNFINISHED
CONST CONSTRUCTION	HC HOLLOW CORE	PRTN PARTITION	UNO UNLSS NOTED OTHERWISE
CONT CONTINUOUS	HDWD HARDWOOD	PSF POUNDS PER SQUARE FOOT	UV ULTRAVIOLET
CONTR CONTRACTOR	HDWR HARDWARE	PSI POUNDS PER SQUARE INCH	VCT VINYL COMPOSITION TILE
CPT CARPET	HGT HEIGHT	PSL PARALLEL STRAND LUMBER	VERT VERTICAL
CT CERAMIC TILE	HM HOLLOW METAL	PTD PAINTED	VIF VERIFY IN FIELD
CTR CENTER	HORIZ HORIZONTAL	PV PHOTO VOLTAIC	VTR VENT TERMINATION PIPE
DBL DOUBLE	HVAC HEATING, VENTILATION, A/C	PVC POLYVINYL CHLORIDE	VWC VINYL WALL COVERING
DF DRINKING FOUNTAIN	ID INSIDE DIAMETER	PVMT PAVEMENT	W WEST
DIA DIAMETER, DIAPHRAGM	IIC IMPACT INSULATION CLASS	QTY QUANTITY	W/ WITH
DIM DIMENSION	IN INCH	R RADIUS, RISER	WD WASHER DRYER
DN DOWN	INCAND INCANDESCENT	RB RUBBER BASE	WO WITHOUT
DR DOOR	INSUL INSULATION, INSULATED	RCP REFLECTED CEILING PLAN	WC WATERCLOSET
DS DOWN SPOUT	INT INTERIOR	RD ROOF DRAIN	WD WOOD
DTL DETAIL	JC JANITORS CLOSET	REF REFRIGERATOR	WDW WINDOW
DW DISHWASHER	JT JOINT	REIN REINFORCED	WH WATER HEATER
DWG DRAWING	LAM LAMINATE	REQD REQUIRED	WI WROUGHT IRON
(E) EXISTING	LAV LAVATORY	RH RIGHT HAND	WIN WINDOW
E EAST	LBS POUNDS	RM ROOM	WP WATERPROOF(ING)
EA EACH	LEED LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN	RO ROUGH OPENING	WR WEATHER RESISTIVE
EJ EXPANSION JOINT	LF LINEAR FEET	RTU ROOF TOP UNIT (MECH)	WRB WATER RESISTIVE BARRIER
EL ELEVATION	LIN LINEN CLOSET	S SOUTH	WSCT WAINSCOT
ELEV ELEVATION	LINO LINOLEUM	SAFB SOUND ATTENUATION FIBER BATT	WT WEIGHT
ELEC ELECTRIC	LT(G) LIGHT(ING)	SAWP SELF ADHERING WATERPROOFING	WWF WELDED WIRE FABRIC
ENCL ENCLOSURE	LVL LAMINATED VENEER LUMBER	SC SCUPPER/SOLID CORE	YD YARD
EQ EQUAL	LVT LUXURY VINYL TILE	SCHED SCHEDULE	
EQUIP EQUIPMENT	LW LIGHTWEIGHT	SEAL SEALANT	
EXH EXHAUST		SECT SECTION	
EXP EXPANSION			



THESE PLANS ARE PROVIDED BY THE COUNTY OF SAN LUIS OBISPO AS PART OF THE PRE-APPROVED ADU PROGRAM AND ARE PUBLIC DOMAIN. THERE CANNOT BE A CHARGE TO PROVIDE THESE PLANS. NO ALTERATIONS TO THESE PLANS ARE ALLOWED. ALL ALTERATIONS MUST BE DONE UNDER A SEPARATE PERMIT ONCE THE BUILDING PERMIT FOR THE ADU HAS BEEN ISSUED AND FINAL INSPECTION COMPLETED. IF YOU DO NOT HAVE THE CONSTRUCTION KNOWLEDGE AND EXPERIENCE TO CONTRUCT THESE PLANS WITHOUT FURTHER DETAILS, IT IS RECOMMENDED YOU HIRE A CONTRACTOR TO DO THE CONSTRUCTION. THE CITY WILL NOT PROVIDE FURTHER INFORMATION OR DETAILS AND BUILDING INSPECTORS WILL NOT PROVIDE STEP BY STEP INSTRUCTIONS IN THE FIELD.

FIRE HAZARD SEVERITY ZONES

DISCLAIMER: MAP IS FOR GENERAL REFERENCE ONLY. TO ACQUIRE ACCURATE INFORMATION FOR FIRE HAZARD SEVERITY IN SITE SPECIFIC LOCATION, REFER TO THE CALIFORNIA DEPARTMENT OF FORESTRY AND FIRE PROTECTION.



SYMBOLS

VIEW NUMBER: 20
VIEW TITLE: View Name
SCALE: 1/8" = 1'-0"

VIEW SHEET LOCATION: A-101
REFERENCE SHEET LOCATION: A-202

LEVEL DESIGNATION: Name
LEVEL ELEVATION: 0'-0"

BUILDING LEVELS

NORTH ARROW

GRID REFERENCE

DOOR W/CLOSER

DOOR TAG

BUILDING ELEVATION

SECTION REFERENCE

WINDOW TAG

INTERIOR ELEVATIONS

DETAIL REFERENCE

WALL TAG

REVISION TAG

CENTERLINE

STOREFRONT TAG

MATERIAL TAG

COUNTY OF SAN LUIS OBISPO
ACCESSORY DWELLING UNIT
SAN LUIS OBISPO, CA

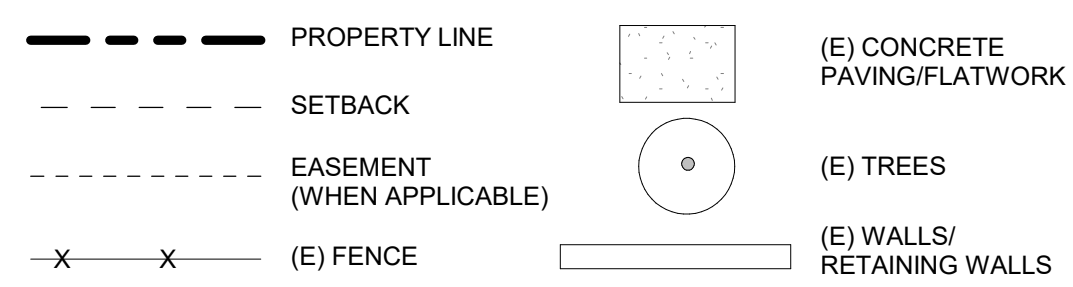
INDEX, ABBREVIATIONS, &
SYMBOLS

DATE
09/28/2023
SHEET

G-102

SITE PLAN TO BE PROVIDED BY APPLICANT

SITE PLAN LEGEND



SITE PLAN GENERAL NOTES

- REFER TO GENERAL NOTES SHEET G-101 FOR ADDITIONAL REQUIREMENTS
- REFER TO STRUCTURAL PLANS FOR FURTHER INFORMATION.

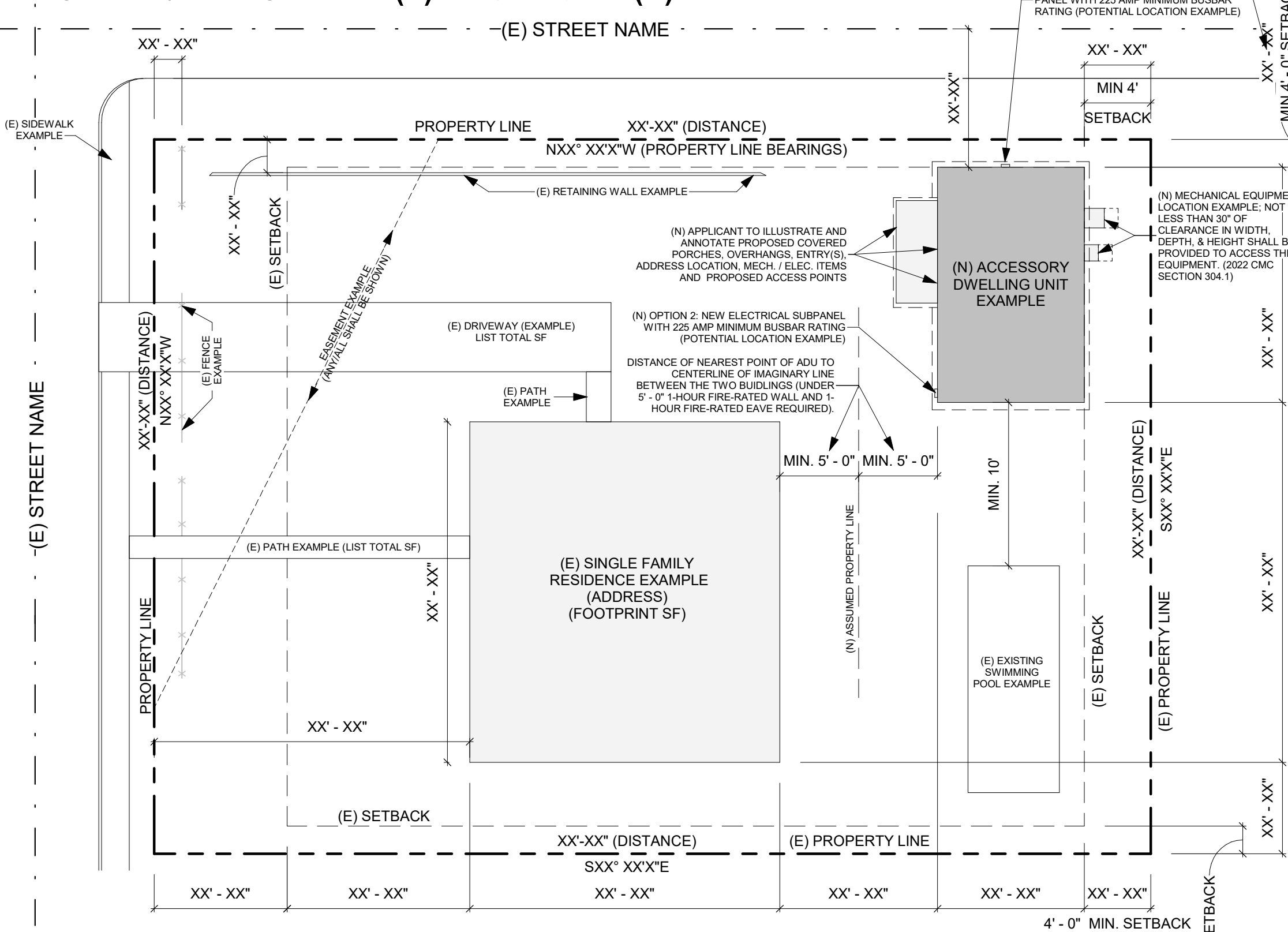
SITE PLAN CHECKLIST

- ELECTRICAL PANEL:**
- OPTION 1 -** NEW ELECTRICAL MAIN PANEL WITH 225 AMP MINIMUM BUSBAR RATING
 - OPTION 2 -** A NEW ELECTRICAL SUBPANEL CONNECTS TO THE ELECTRICAL MAIN PANEL OF THE PRIMARY HOME WITH A 225 AMP MINIMUM BUSBAR RATING. A SEPARATE ELECTRICAL PERMIT SHALL BE PULLED FOR THE ELECTRICAL MAIN PANEL OF THE PRIMARY HOME. ELECTRICAL LOAD CALCULATIONS IS REQUIRED.
- IS THE NEW ADU IS 5' - 0" OR LESS TO ANY PROPERTY LINE AND/OR ADU IS 10' - 0" OR LESS FROM ANY ADJACENT BUILDING OR STRUCTURE?**
- NO** **YES;** IF YES, 1-HR FIRE RATED WALL, 1-HR RATED ROOF, AND 1-HR RATED FIRE PROJECTS REQUIRED. SEE DETAILS: 21/A-903 & 24/A-903
- NOTE:** WHERE 1-HR FIRE-RESISTANCE RATED PROJECTIONS REQUIRED (NON-SPRINKLERED & FIRE SEPARATION DISTANCE ≥2'-0" <5'-0")
TABLE 302.1(1)
 A. THE FIRE-RESISTANCE RATING SHALL BE PERMITTED TO BE REDUCED TO 0 HOURS ON THE UNDERSIDE OF THE EAVE OVERHANG IF FIREBLOCKING IS PROVIDED FROM THE WALL TOP PLATE TO THE UNDERSIDE OF THE ROOF SHEATING
- NOTE:**
 - A. **A SEPARATE PERMIT FOR ONSITE WASTEWATER SYSTEM WILL BE REQ'D.**
 - B. **SOILS REPORT TO BE PROVIDED BY OTHERS.**
 - C. **UTILITY, GRADING, AND DRAINAGE PLAN TO BE PROVIDED BY OTHERS.**
 - D. **PROVIDE WASTE RECYCLE FORM FILLED OUT AND SIGNED PRIOR TO ISSUANCE. THE OWNER/APPLICANT/CONTRACTOR/PERSON DOING THE WORK IS REQUIRED TO RECYCLE 75% OF ALL PROJECT CONSTRUCTION AND DEMOLITION DEBRIS.**
 - FOOTPRINT OF ALL EXISTING AND PROPOSED BUILDINGS**
 PLOT THE PROPOSED ADU BUILDING FOOTPRINT ALONG WITH ANY OTHER EXISTING BUILDINGS ONSITE. THIS INCLUDES ALL STRUCTURES / PORCHES / GAZEBOS. IF AN OPTIONAL COVERED PATIO IS SELECTED, PLEASE PLOT THAT AS WELL.
 - AREA OF EXISTING BUILDING**
 INDICATE THE SQUARE FOOTAGE OF THE EXISTING HOUSE.
 - FOOTPRINT OF PROPOSED ADU**
 REFER TO LEGEND FOR FOOTPRINT AT 10'=1" SCALE
 - DRAWING SCALE**
 SITE PLAN SHOULD BE DRAWN TO A MEASURABLE SCALE.
 - PROPERTY LINES**
 SHOW OUTLINE OF PROPERTY USING DASHED LINE IN LEGEND. INDICATE THE BEARING AND DISTANCE OF THE PROPERTY LINE.
 - LABEL YARDS**
 LABEL FRONT, REAR, SIDE YARDS, AS WELL AS DRIVEWAYS, PATHWAYS AND ANY OTHER HARDSCAPE.
 - SETBACKS**
 DIMENSION THE DISTANCE BETWEEN BUILDINGS AND PROPOERTY LINES, AS WELL AS BUILDINGS TO OTHER STRUCTURES. SETBACKS TO SIDE AND REAR PROPERTY SIDE SHALL BE A MINIMUM OF (4' - 0"). PROPOSED ADU SHALL BE LOCATED A MINIMUM OF (10' - 0") FROM EXISTING STRUCTURES.
 - EASEMENTS**
 REFER TO LEGEND. MUST INCLUDE ALL APPLICABLE EASEMENTS. SETBACK PROPOSED STRUCTURE HSALL COMPLY WITH EASEMENT REQUIREMENTS.
 - LOCATION OF RAIN WATER LEADERS**
 THE ROOF DRAINS SHOULD DRAIN AWAY FROM THE PROPERTY LINES AND INTO THE LANDSCAPE AREA.
 - LABEL STREETS & SIDEWALKS**
 - LABEL ADU AND ADDRESS LOCATION**
 ADU SHALL HAVE THE SAME ADDRESS AS THE PRIMARY RESIDENCE. THE ADDRESS IDENTIFICATION SHALL BE LEGIBLE AND PLACED IN A POSITION THAT IS VISIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY. ADDRESS IDENTIFICATION CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND. ADDRESS SHALL COMPLY WITH CRC SECTION R319.
 - DIMENSION BUILDING SEPARATION**
 DIMENSION THE DISTANCE BETWEEN THE PROPOSED ADU AND ANY EXISTING STRUCTURES
 - ALL EXISTING/PROPOSED PLANTINGS AND HARDSCAPE SHOWN**
 - LOT COVERAGE CALCULATION**
 TOTAL FOOTPRINT AREA FOR STRUCTURES ON SITE / LOT AREA
 - SWIMMING POOLS**
 ALL EXISTING SWIMMING POOLS SHALL BE SHOWN ON THE SITE PLAN AND SHALL HAVE 10' - 0" MINIMUM SETBACK TO THE NEW ADU STRUCTURE.
 - PORCHES**
 THERE SHALL BE NO MORE THAN 30 INCHES MEASURED VERTICALLY TO THE FLOOR OR GRADE BELOW (INCLUDING FLOORS, STAIRS, RAMPS, AND LANDINGS) ANYWHERE MEASURED LESS THAN 36 INCHES HORIZONTALLY TO THE EDGE OF THE PORCH/SLAB/SURFACE OF THE RAIL. INSECT SCREENING SHALL NOT BE CONSIDERED AS A GUARD.
 - LOCATION OF EXISTING UTILITIES**
 UTILITIES, POLES, SEWER, DRAINS, ELECTRICAL, GAS METERS AND LINES AND ANY PHOTOVOLTAIC.
 - LOCATION OF PROPOSED UTILITIES**
 SANITARY SEWER FROM ADU TO EXISTING SEWER. SEWER LINE TO THE PROPOSED ADU SHALL BE CONNECTED TO THE MAIN LATERAL AT THE PROPERTY LINE OR BEHIND THE SIDEWALK. LATERAL POINT OF CONNECTION INCLUDING REQUIRED CLEANOUTS, WATER LINE TO ADU, ELECTRIC TO ADU INCLUDING ANY NEW METERS OR SUBPANELS, GAS LINE TO ADU.
 - A. TOTAL DEVELOPED LENGTH OF GAS SYSTEM FROM METER / REGULATOR TO MOST REMOTE GAS OUTLET.
 - B. TOTAL DEVELOPED LENGTH FOR EACH GAS BRANCH AND ITS CORRESPONDING DEMAND.
 - C. SHOW MECHANICAL, PLUMBING, AND KITCHEN GAS APPLIANCE LOCATION AND ITS DEMAND FACTORS.
 - D. SHOW THE LOCATION AND AMPACITY OF THE ELECTRICAL PANEL SERVING THE ADU. VERIFY COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS OF THE 2022 CEC.



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NOTE: THIS IS AN EXAMPLE SITE PLAN. EXACT LAYOUT, DIMENSIONS, AND BEARINGS SHALL BE PROVIDED BY OWNER/APPLICANT. (E) EXISTING (N) NEW



1 SITE PLAN EXAMPLE
 AS-102 SCALE: 1" = 20'-0"

FOR USE IN THE COUNTY OF SAN LUIS OBISPO
 NOT FOR CONSTRUCTION

COUNTY OF SAN LUIS OBISPO
ACCESSORY DWELLING UNIT
 SAN LUIS OBISPO, CA
ARCHITECTURAL SITE PLAN
(EXAMPLE & INSTRUCTIONS)

SITE PLAN

SCALE:



DATE
 09/28/2023
 SHEET
AS-102



THESE PLANS ARE PROVIDED BY THE COUNTY OF SAN LUIS OBISPO AS PART OF THE PRE-APPROVED ADU PROGRAM AND ARE PUBLIC DOMAIN. THERE CANNOT BE A CHARGE TO PROVIDE THESE PLANS. NO ALTERATIONS TO THESE PLANS ARE ALLOWED. ALL ALTERATIONS MUST BE DONE UNDER A SEPARATE PERMIT ONCE THE BUILDING PERMIT FOR THE ADU HAS BEEN ISSUED AND FINAL INSPECTION COMPLETED. IF YOU DO NOT HAVE THE CONSTRUCTION KNOWLEDGE AND EXPERIENCE TO CONSTRUCT THESE PLANS WITHOUT FURTHER DETAILS, IT IS RECOMMENDED YOU HIRE A CONTRACTOR TO DO THE CONSTRUCTION. THE CITY WILL NOT PROVIDE FURTHER INFORMATION OR DETAILS AND BUILDING INSPECTORS WILL NOT PROVIDE STEP BY STEP INSTRUCTIONS IN THE FIELD.

FLOOR PLAN GENERAL NOTES

- REFER TO GENERAL NOTES SHEET G-101 FOR ADDITIONAL REQUIREMENTS.
- REFER TO STRUCTURAL PLANS FOR FURTHER INFORMATION.
- REFER TO ELECTRICAL PLANS FOR FURTHER INFORMATION IF PROVIDED.
- REFER TO MECHANICAL PLANS, DRAWINGS OR REPORTS FOR FURTHER INFORMATION.
- ALL FURNITURE AND EQUIPMENT IS BY OWNER AND IS SHOWN FOR COORDINATION PURPOSES ONLY.
- DIMENSIONS ARE TO FACE OF FRAMING UNLESS SPECIFICALLY NOTED OTHERWISE.
- PROVIDE ADEQUATE BLOCKING IN WALLS FOR CABINETS AND OTHER WALL MOUNTED ACCESSORIES INCLUDING BUT NOT LIMITED TO HANDRAILS, SHELVING AND BATHROOM FIXTURES.
- DOOR AND WINDOW DIMENSIONS ARE CENTERED AT OPENINGS.
- WHERE DOOR IS LOCATED WITHOUT DIMENSION AT THE CORNER OF A ROOM IT SHALL BE 4" FROM FACE OF FRAMING OF ADJACENT WALL TO ROUGH DOOR OPENING.
- WHERE RECESSED FIXTURES OCCUR IN WALLS OR HORIZONTAL ASSEMBLIES, THE FIRE RATING OF THOSE ASSEMBLIES SHALL BE MAINTAINED.
- AT ALL PENETRATIONS AND INTERSECTIONS OF FIRE-RATED PARTITIONS, PROVIDE FIRE SEALANT AND/OR FIRE STOPPING TO MAINTAIN CONTINUITY OF PARTITION RATING.
- PER CRC R311.3 FLOORS OR LANDINGS AT EXTERIOR DOORS SHALL BE AT LEAST AS WIDE AS DOOR SERVED AND SHALL PROVIDE A LENGTH IN THE DIRECTION OF TRAVEL EQUAL TO 36 INCHES. MINIMUM SLOPE OF EXTERIOR LANDINGS SHALL NOT EXCEED 1/4" PER FOOT (2% SLOPE).
- PER CRC 327.1.1 REINFORCEMENT FOR GRAB BARS SHALL BE PROVIDED IN AT LEAST ONE BATHROOM. 1. REINFORCEMENT SHALL BE SOLID LUMBER OR OTHER CONSTRUCTION MATERIALS APPROVED BY THE ENFORCING AGENCY. 2. REINFORCEMENT SHALL NOT BE LESS THAN 2X8 INCH NOMINAL LUMBER OR OTHER MATERIAL PROVIDING EQ. HT. AND CAPACITY. REINFORCEMENT ABOVE THE FINISHED FLOOR FLUSH WITH THE WALL FRAMING. 3. WATER CLOSET REINFORCEMENT SHALL BE INSTALLED ON BOTH SIDE WALLS OF THE FIXTURE, OR ONE SIDE WALL AND THE BACK WALL. 4. SHOWER REINFORCEMENT SHALL BE CONTINUOUS WHERE WALL FRAMING IS PROVIDED. 5. BATHTUB AND COMBINATION BATHTUB/SHOWER REINFORCEMENT SHALL BE CONTINUOUS ON EACH END OF THE BATHTUB AND THE BACK WALL. ADDITIONALLY, BACK WALL REINFORCEMENT FOR A LOWER GRAB BAR SHALL BE PROVIDED WITH THE BOTTOM EDGE LOCATED NO MORE THAN 6 INCHES ABOVE THE BATHTUB RIM.

KEYNOTES

- A01 30" WIDE FREE STANDING ELECTRIC RANGE OVEN. VENT TO EXTERIOR, STAINLESS STEEL.
- A05 REFRIGERATOR LOCATION. PROVIDE 42" SPACE WITH ROUGH PLUMBING FOR ICE MAKER (RECESS IN WALL).
- A07 CLOTHES DRYER LOCATION W/ RECESSED DRYER VENT BOX. PROVIDE DRYER VENT. VENT TO OUTSIDE AIR.
- A15 WASHING MACHINE LOCATION. PROVIDE WASTE AND WATER IN RECESSED WALL BOX.
- B02 20" SINGLE COMPARTMENT UNDER-MOUNT KITCHEN SINK W/ GARBAGE DISPOSAL. REFER TO WATER EFFICIENCY REQUIREMENTS ON CALGREEN CODE NOTES SHEET.
- B04 LAVATORY SINK. REFER TO WATER EFFICIENCY REQUIREMENTS ON CALGREEN CODE NOTES SHEETS.
- B05 WATER CLOSET. REFER TO WATER EFFICIENCY REQUIREMENTS ON CALGREEN CODE NOTES SHEETS. REQ. AGING-IN-PLACE BLOCKING. SEE DETAIL 54/A-901.
- B06 32" x 60" x 72" TUB AND SHOWER COMBINATION. MODEL BY BUILDER. PROVIDE SHOWER ROD. REQ. AGING-IN-PLACE BLOCKING; SEE DETAIL 44/A-901.
- B18 ELECTRIC PANEL. 100AMP 240V.
- B38 MULTI-ZONE HEAT PUMP CONDENSER UNIT. REFER TO PLANS FOR LOCATION OF INDOOR FAN FAN COIL UNITS. REFER TO TITLE 24 FOR ADDITIONAL INFORMATION. PROVIDE CONCRETE PAD MIN. 6" LARGER THAN UNIT IN EACH DIRECTION, 3" MIN. ABOVE GRADE.
- B47 40 GALLON HEAT PUMP WATER HEATER. REFER TO TITLE 24 FOR ADDITIONAL INFORMATION.
- C01 SINGLE WOOD SHELF AND POLE.
- C08 12" DEEP UPPER CABINET.
- C10 24" DEEP UPPER CABINET.
- C14 TOWEL BAR. #54 INCHES ABOVE FLOOR. PROVIDE 2X6 BACKING AT BATHROOM WALL ATTACHMENTS.
- C16 MIRROR. THE LENGTH OF THE VANITY OR PEDESTAL X 80" AFS. UNO. VERIFY WITH THE ELECTRICAL PLAN FOR LOCATION OF OUTLETS WHICH REQUIRE A CUT-OUT. PROVIDE 2X6 BACKING AT BATHROOM WALL ATTACHMENTS.
- M02 DOWNSPOUT. CONNECT TO STORM DRAIN SYSTEM OR APPROVED DRAINAGE SYSTEM BY COUNTY.
- X01 OPTIONAL CABINET
- X27 OPTIONAL DISHWASHER

DOOR GENERAL NOTES

- REFER TO GENERAL NOTES SHEET G-101 FOR ADDITIONAL REQUIREMENTS
- REFER TO PLANS FOR LOCATION OF DOORS.
- VERIFY ROUGH OPENING SIZE WITH DOOR MANUFACTURER SPECIFICATIONS PRIOR TO CONSTRUCTION.
- CONTRACTOR TO VERIFY ACTUAL DOOR SIZE TO FIT FINISH OPENING PRIOR TO FABRICATION OF DOOR AND FINISH OPENING.
- INSTALL PER MANUFACTURERS WRITTEN INSTRUCTIONS.
- REFER TO T24 REPORT FOR GLAZING ENERGY REQUIREMENTS.
- GLAZING IN DOORS SHALL BE TEMPERED PER SECTION R308.4.1. PANES INDICATED IN DOOR LEGEND WITH (T).

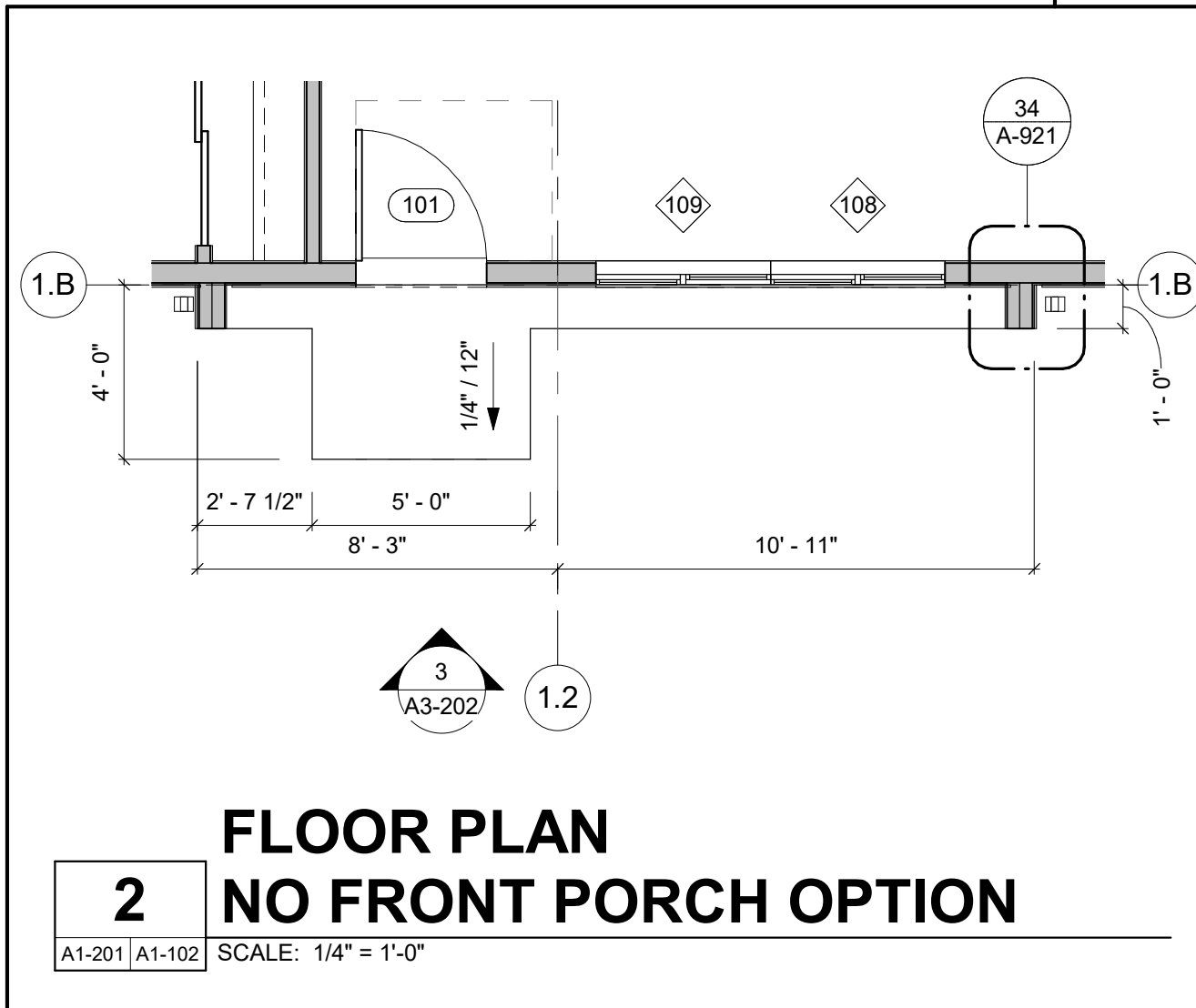
DOOR REMARKS

- EXTERIOR DOOR.
- GLAZING PER DOOR TYPES. REFER TO GENERAL DOOR NOTE #8
- PROVIDE 100 SQ INCHES OF VENTING IN DOOR OR BY OTHER APPROVED MEANS.
- OPTIONAL DOOR.

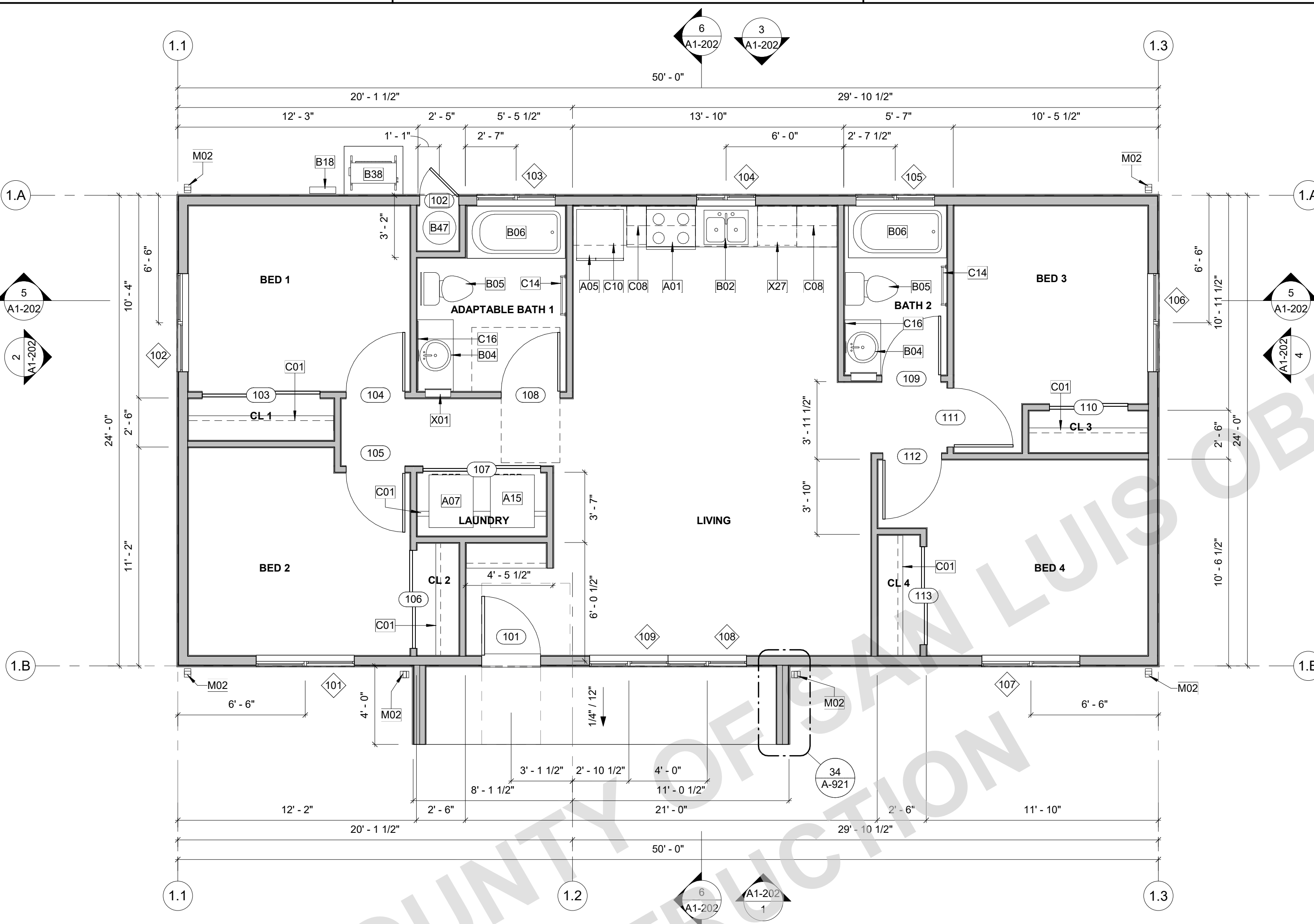
WALL LEGEND

- EXTERIOR - 5 1/2" WOOD STUD W/ SHEATHING AND EXTERIOR FINISH (REFER TO ELEVATIONS), ONE LAYER GYPSUM WALL BOARD INTERIOR.
- EXTERIOR - DOUBLE 5 1/2" WOOD STUD W/ SHEATHING AND EXTERIOR FINISH (REFER TO ELEVATIONS)
- INTERIOR - 3 1/2" WOOD STUD W/ ONE LAYER GYPSUM WALL BOARD EACH SIDE.

NOTE: SEE MANUFACTURER'S PRODUCT LISTINGS FOR IMPROVED SOUND AND/OR MOISTURE/MOLD/MILDEW-RESISTANT PERFORMANCE. VISIT GYPSUM.ORG FOR MORE INFORMATION.



2 FLOOR PLAN
NO FRONT PORCH OPTION
SCALE: 1/4" = 1'-0"



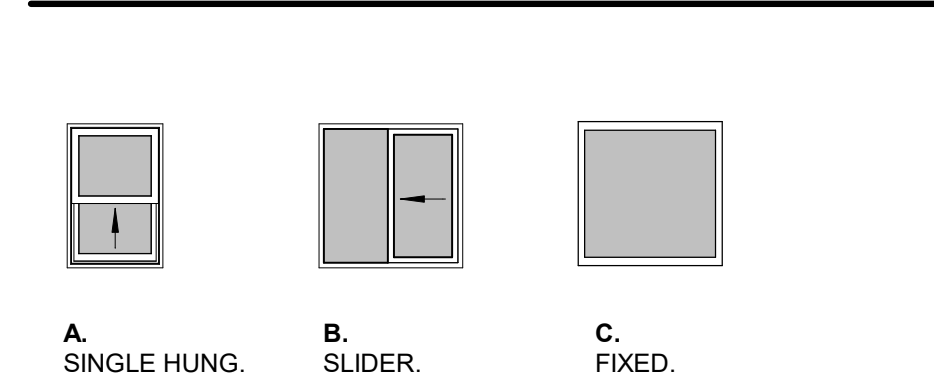
1 FLOOR PLAN
SCALE: 1/4" = 1'-0"

WINDOW SCHEDULE

NO.	TYPE	WIDTH	HEIGHT	HEAD HEIGHT	REMARKS
101	B	5'-0"	5'-0"	6'-8"	1
102	B	5'-0"	5'-0"	6'-8"	1
103	B	4'-0"	2'-0"	6'-8"	2, 5
104	B	3'-0"	3'-0"	6'-8"	
105	B	4'-0"	2'-0"	6'-8"	2, 5
106	B	5'-0"	5'-0"	6'-8"	1
107	B	5'-0"	5'-0"	6'-8"	1
108	B	4'-0"	5'-0"	6'-8"	3
109	B	4'-0"	5'-0"	6'-8"	3

NOTE: PLEASE CROSS THROUGH THE CLIMATE ZONE THAT IS NOT APPLICABLE.
CLIMATE ZONE 4 (CZ4) U-0.30 AND SHCG-0.23
CLIMATE ZONE 5 (CZ5) U-0.30 AND SHCG-0.35

WINDOW LEGEND



WINDOW GENERAL NOTES

- REFER TO GENERAL NOTES ON SHEET G-101 FOR ADDITIONAL REQUIREMENTS.
- REFER TO FLOOR PLANS FOR WINDOW LOCATIONS.
- CONTRACTOR TO VERIFY EXACT ROUGH OPENING SIZES PRIOR TO FABRICATION OF ROUGH OPENINGS.
- INSTALL PER MANUFACTURERS WRITTEN INSTRUCTIONS.
- REFER TO ENERGY COMPLIANCE REPORTS FOR U-FACTOR, SHGC AND ADDITIONAL WINDOW REQUIREMENTS.
- ALL GLAZING IS DOUBLE PANE WITH A MINIMUM OF ONE TEMPERED PANE UNLESS OTHERWISE NOTED.
- EGRESS WINDOWS SHALL HAVE A CLEAR OPENING WITH A MAX. SILL HEIGHT OF 44" AFF. MIN NET CLEAR OPENING FOR EMERGENCY ESCAPE SHALL BE 5.7 S.F. EXCEPTION: MIN 5 S.F. AT GROUND FLOOR. MINIMUM NET CLEAR OPENING DIMENSIONS: HEIGHT: 24"; WIDTH: 20"
- GLAZING IN WALLS ADJACENT TO BATHTUB / SHOWER WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60" MEASURED VERTICALLY ABOVE ANY STANDING OR WALKING SURFACE SHALL BE SAFETY GLAZING. [CRC SEC. R308.4.5]

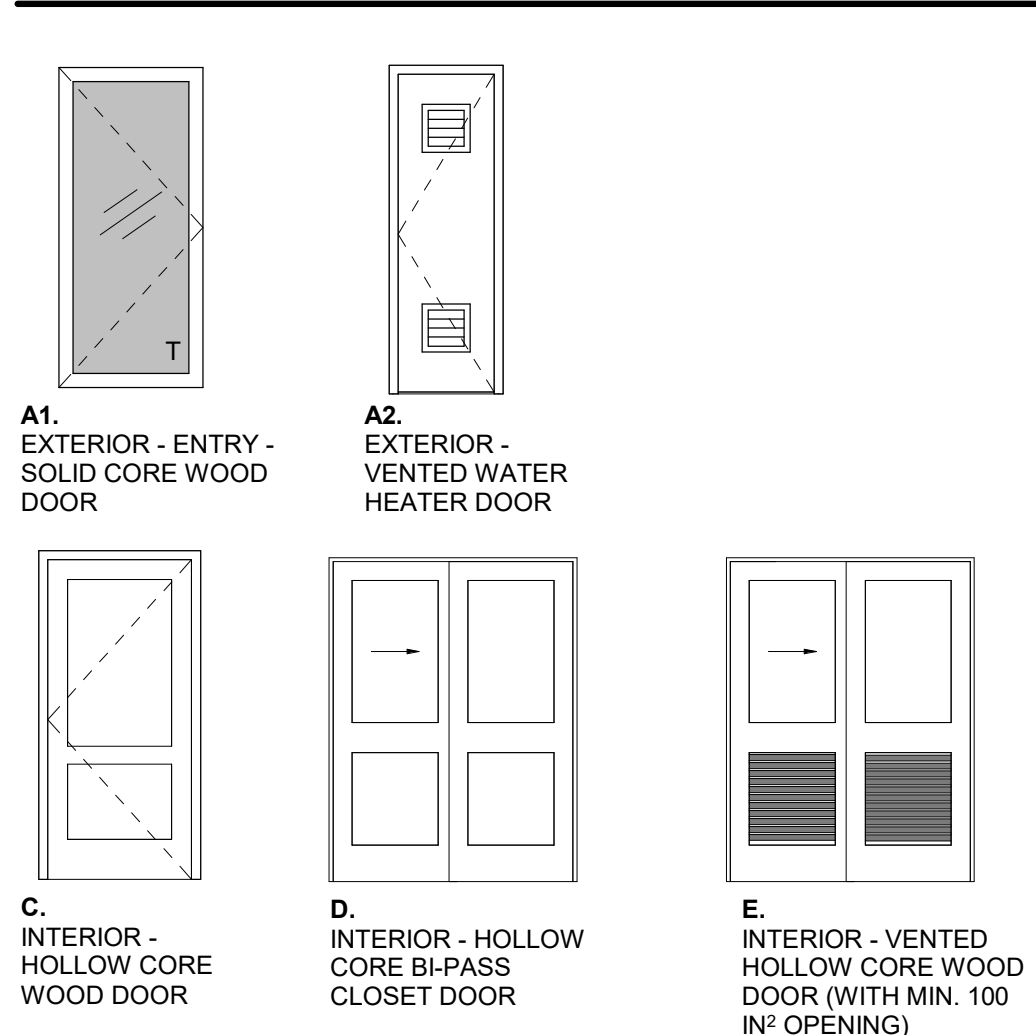
WINDOW REMARKS

- REQUIRED EGRESS WINDOW. REFER TO GENERAL NOTE #7 FOR ADDITIONAL INFORMATION.
- HAZARDOUS LOCATION. WINDOW INCLUDES BOTH PANES TEMPERED GLAZING.
- MULLED WINDOW ASSEMBLY.
- OPTIONAL WINDOW.
- OBSCURE OPTIONAL. VERIFY WITH OWNER/APPLICANT.

DOOR SCHEDULE

NO.	TYPE	WIDTH	HEIGHT	REMARKS
101	A1	3'-0"	6'-8"	1, 2
102	A2	2'-0"	6'-8"	1, 3
103	D	6'-0"	6'-8"	
104	C	3'-0"	6'-8"	
105	C	3'-0"	6'-8"	
106	D	5'-0"	6'-8"	
107	E	6'-0"	6'-8"	3
108	C	3'-0"	6'-8"	
109	C	3'-0"	6'-8"	
110	D	4'-0"	6'-8"	
111	C	3'-0"	6'-8"	
112	C	3'-0"	6'-8"	
113	D	5'-0"	6'-8"	

DOOR LEGEND



COUNTY OF SAN LUIS OBISPO
ACCESSORY DWELLING UNIT
SAN LUIS OBISPO, CA

FLOOR PLAN

DATE
09/28/2023

SHEET
A1-102



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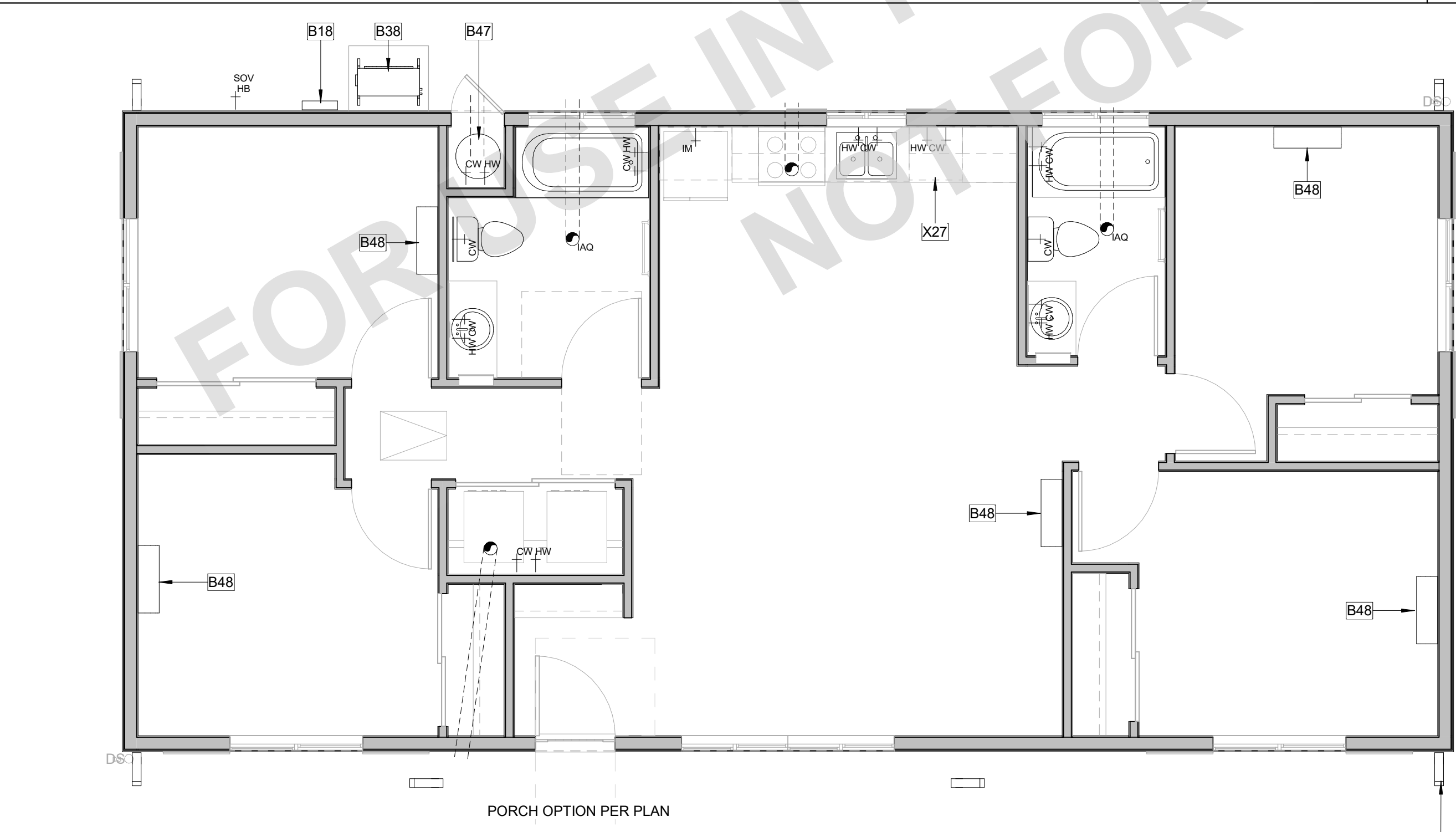


1 FINISH PLAN

A1-201 | A1-111 | SCALE: 1/4" = 1'-0"

FINISH SCHEDULE PLAN 1					
NAME	FLOOR	WALL	CEILING	NOTES	
LIVING	LVP	GWB	GWB	WR GWB BEHIND KITCHEN COUNTER	
ADAPTABLE BATH 1	CT	WR GWB	WR GWB	AT CERAMIC TILE IN TUB/SHOWER AREAS, PROVIDE BACKER BOARD PER CRC TABLE R702.4.2	
BATH 2	CT	WR GWB	WR GWB	AT CERAMIC TILE IN TUB/SHOWER AREAS, PROVIDE BACKER BOARD PER CRC TABLE R702.4.2	
W/D	LVP	GWB	GWB		
BED 2	LVP	GWB	GWB		

FINISH SCHEDULE PLAN 1					
NAME	FLOOR	WALL	CEILING	NOTES	
CL 2	CPT	GWB	GWB		
BED 1	CPT	GWB	GWB		
CL 1	CPT	GWB	GWB		
BED 3	CPT	GWB	GWB		
CL 3	CPT	GWB	GWB		
BED 4	CPT	GWB	GWB		
CL 4	CPT	GWB	GWB		
WH					



3 MECHANICAL PLAN

A1-201 | A1-111 | SCALE: 1/4" = 1'-0"

LEGEND

NOTE: ALL OUTDOOR OUTLETS SHALL HAVE GFCI PROTECTION AND WEATHERPROOF COVERS.

⊕ ELECTRICAL SWITCH	⊕ COLD WATER STUB OUT	⊕ DUPLEX OUTLET ARC-FAULT CIRCUIT INTERRUPTER	⊕ PENDANT LIGHT
⊕ ELECTRICAL SWITCH-THREE WAY	⊕ SMOKE DETECTOR/ALARM	⊕ DUPLEX OUTLET 240 VOLTS	⊕ WALL MOUNTED HIGH-EFFICACY LIGHT
⊕ ELECTRICAL SWITCH-VACANCY SENSOR	⊕ COMBINATION SMOKE/CARBON MONOXIDE ALARM	⊕ DUPLEX OUTLET GROUND FAULT INTERRUPTER	⊕ EXTERIOR WALL MOUNTED HIGH-EFFICACY LIGHT
⊕ ELECTRICAL SWITCH-MOTION SENSOR	⊕ TELEPHONE LOCATION	⊕ DUPLEX OUTLET WATERPROOF GROUND FAULT INTERRUPTER	⊕ RECESSED HIGH-EFFICACY DOWNLIGHT
⊕ ELECTRICAL SWITCH-DIMMER	⊕ CABLE TELEVISION LOCATION	⊕ DUPLEX OUTLET AFCI-HALF HOT	⊕ RECESSED HIGH-EFFICACY DOWNLIGHT VAPOR PROOF
⊕ ELECTRICAL SWITCH-FAN	⊕ ELECTRICAL JUNCTION BOX	⊕ DUPLEX OUTLET DISH WASHER	⊕ ELECTRICAL WIRING
⊕ ASTRONOMICAL TIME SWITCH	⊕ HOT WATER STUB OUT	⊕ DUPLEX OUTLET RANGE HOOD	⊕ CEILING FAN OPTIONAL (PRE WIRE FOR CEILING FAN ONLY)
⊕ EXHAUST FAN	⊕ WATER HOSE BIBB	⊕ WATER HOSE BIBB WITH SHUT OFF VALVE	⊕ UNDER CABINET HIGH-EFFICACY LIGHT
⊕ INDOOR AIR QUALITY FAN	⊕ ICE MACHINE STUB OUT		⊕ 22"X30" MIN. CEILING ACCESS PANEL

FINISH LEGEND

	LUXURY VINYL PLANK (LVP)
	CERAMIC TILE (CT)
	CARPET (CPT)
	CONCRETE (EC)

VENTILATION SUMMARIES

1) LOCAL EXHAUST VENTILATION

BATHROOM	OPTION A	OPTION B
BATHROOM FAN FLOW (cfm)	50 CFM	50 CFM
DUCT TYPE	FLEX DUCT	SMOOTH DUCT
DUCT SIZE (in)	4"	4"
MAX. ALLOWABLE DUCT LENGTH (ft)	70'	105'
THIS EXHAUST FAN IS REQUIRED TO BE RATED FOR SOUND AT A MAX. OF 3 SONES.		
KITCHEN	OPTION A	OPTION B
KITCHEN FAN FLOW (cfm)	0 CFM	80
DUCT TYPE	FLEX DUCT	SMOOTH DUCT
DUCT SIZE (in)	5"	5"
MAX. ALLOWABLE DUCT LENGTH (ft)	35'	85'
THIS EXHAUST FAN IS REQUIRED TO BE RATED FOR SOUND AT A MAX. OF 3 SONES.		

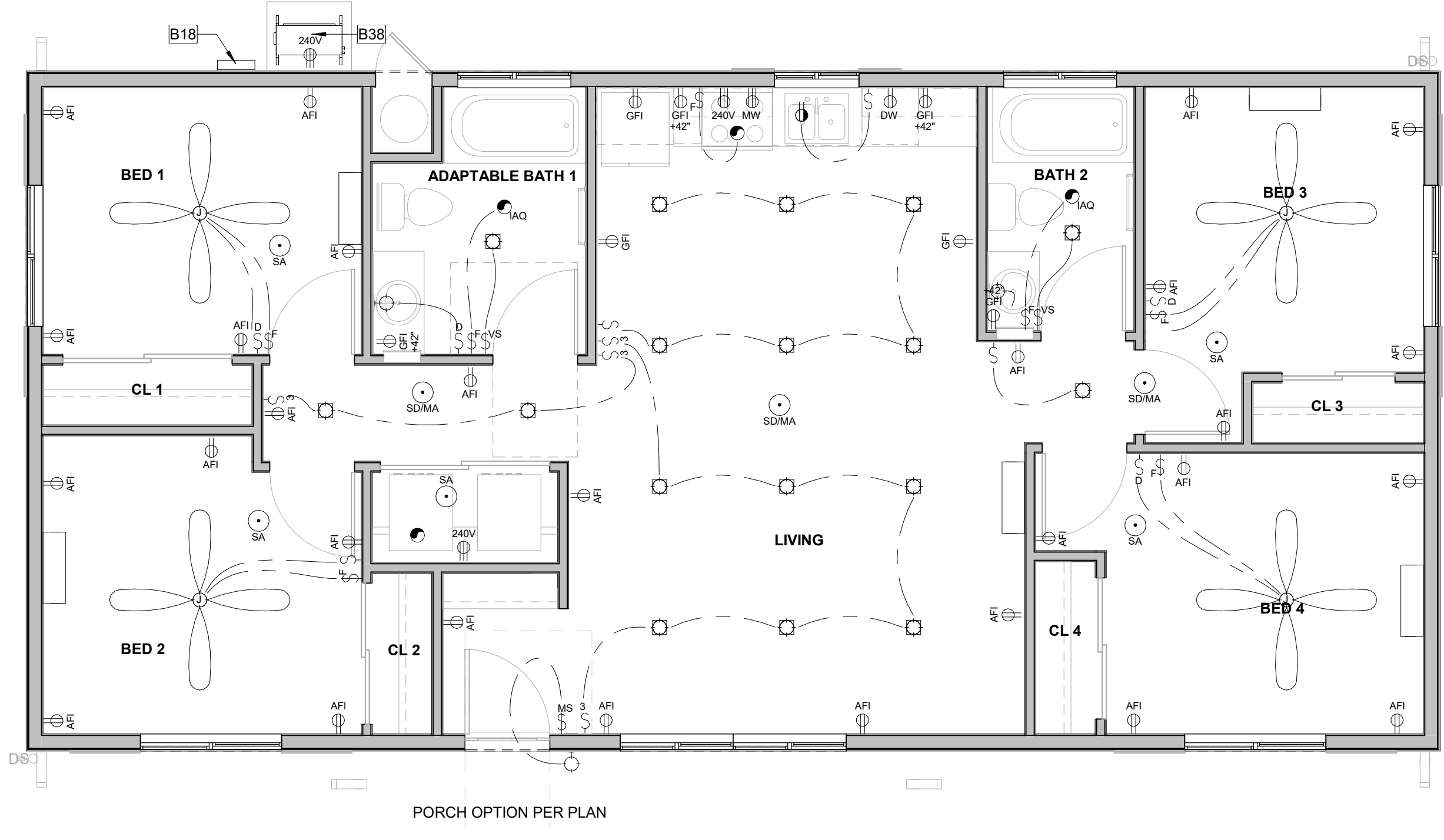
2) WHOLE BUILDING VENTILATION

PER ASHRAE STANDARD 62.2, CEC EQUATION 150.0-B	OPTION A	OPTION B
BUILDING FAN FLOW (cfm)	80 CFM	80
DUCT TYPE	FLEX DUCT	SMOOTH DUCT
DUCT SIZE (in)	5"	4"
MAX. ALLOWABLE DUCT LENGTH (ft)	70'	35'
THIS EXHAUST FAN IS REQUIRED TO BE RATED FOR SOUND AT A MAX. OF 1 SONE. THIS EXHAUST FAN IS REQUIRED TO OPERATE CONTINUOUSLY TO ENSURE CONTINUOUSLY TO ENSURE INDOOR AIR QUALITY.		

WHOLE DWELLING UNIT MECHANICAL VENTILATION
 PER SECTION 150.0(C)(ii) [ASHRAE 62.2.4.1.2]
4 BED - MINIMUM CUBIC FEET PER MINUTE (CFM) (Equation 150.0-B)
 $Q_{tot} = 0.03A_{floor} + 7.5(N_{br} + 1)$ $.03(1200\text{ sf}) + 7.5(5) = 73.5\text{ CFM} < 80\text{ CFM}$

EFFECTIVE ANNUAL AVERAGE INFILTRATION RATE
 PER SECTION 150.0(C)(iii)
 a. 1. (Equation 150.0-C) $Q_{50} = Vdu(x) 2\text{ ACH50} / 60\text{minutes}$
 a. 2. (Equation 150.0-D) $Q_{50} = Vdu(x)\text{ Verified ACH50} / 60\text{minutes}$
 b. (Equation 150.0-E) $Q_{50} = 0.052(x) Q_{50} \times wsf \times [H/H_r]^z$ [ASHRAE 62.2.4.1.2.1]

REQUIRED MECHANICAL VENTILATION RATE AND REQUIRED MECHANICAL VENTILATION RATE PER 150.0(C)(iii)
 [ASHRAE 62.2.4.1.2]
 (Equation 150.0-F) $Q_{fan} = Q_{tot}(-) \phi (Q_{inf}(x) A_{ext})$



2 ELECTRICAL PLAN

A1-201 | A1-111 | SCALE: 1/4" = 1'-0"

GENERAL MEP NOTES

- REFER TO ELECTRICAL NOTES ON SHEET G-101.
- REFER TO MECHANICAL NOTES ON SHEET G-101.
- REFER TO PLUMBING NOTES ON SHEET G-101.
- REFER TO TITLE 24 COMPLIANCE NOTES ON SHEET G-101.
- EXTERNALLY MOUNTED HEATING/COOLING UNITS SHALL BE SCREENED IF THEY ARE VISIBLE FROM A PUBLIC STREET.
- ALL SMOKE ALARMS TO BE HARD-WIRED WITH A BATTERY BACK-UP, AND ALL SMOKE ALARMS MUST BE INTERCONNECTED AND SOUND AN ALARM CLEARLY AUDIBLE IN ALL BEDROOMS.
- ALL CARBON MONOXIDE ALARMS TO BE HARD-WIRED WITH A BATTERY BACK-UP, AND ALL CARBON MONOXIDE ALARMS MUST BE INTERCONNECTED AND SOUND AN ALARM CLEARLY AUDIBLE IN ALL BEDROOMS.

FINISH PLAN GENERAL NOTES

- REFER TO GENERAL NOTES SHEET G-101 FOR ADDITIONAL REQUIREMENTS.
- REFER TO ELECTRICAL PLANS FOR FURTHER INFORMATION.
- REFER TO PLUMBING PLANS FOR FURTHER INFORMATION.
- REFER TO DETAILS FOR FLOOR/CEILING ASSEMBLIES AND INTERIOR FINISH DETAILS.
- ALL HARD SURFACE FLOORING SHALL BE SLIP RESISTANT AND MEET THE ANSI A326.3 STANDARD FOR MEASURING THE DYNAMIC COEFFICIENT OF FRICTION (DCOF).
- ALL FLOORING MATERIALS SHALL COMPLY WITH CBC SEC. 804.1.
- ALL WALL AND CEILING FINISHES SHALL COMPLY WITH CBC TABLE 803.13 FOR MAXIMUM FLAME SPREAD AND SMOKE DENSITY.

KEYNOTES

- B18 ELECTRIC PANEL, 100AMP 240V.
 B38 MULTI-ZONE HEAT PUMP CONDENSER UNIT. REFER TO PLANS FOR LOCATION OF INDOOR FAN COIL UNITS. REFER TO TITLE 24 FOR ADDITIONAL INFORMATION. PROVIDE CONCRETE PAD MIN. 6" LARGER THAN UNIT IN EACH DIRECTION, 3" MIN. ABOVE GRADE.
 B47 40 GALLON HEAT PUMP WATER HEATER. REFER TO TITLE 24 FOR ADDITIONAL INFORMATION.
 B48 FAN COIL. REFER TO PLANS FOR LOCATION OF OUTDOOR CONDENSING UNIT. REFER TO TITLE 24 FOR ADDITIONAL INFORMATION. PROVIDE OUTLET.
 M02 DOWNSPOUT. CONNECT TO STORM DRAIN SYSTEM OR APPROVED DRAINAGE SYSTEM BY COUNTY.
 X27 OPTIONAL DISHWASHER

COUNTY OF SAN LUIS OBISPO
 ACCESSORY DWELLING UNIT
 SAN LUIS OBISPO, CA
 FINISH, MECHANICAL, &
 ELECTRICAL PLANS

DATE
 09/28/2023
 SHEET

A1-111



THESE PLANS ARE PROVIDED BY THE COUNTY OF SAN LUIS OBISPO AS PART OF THE PRE-APPROVED ADU PROGRAM AND ARE PUBLIC DOMAIN. THERE CANNOT BE A CHARGE TO PROVIDE THESE PLANS. NO ALTERATIONS TO THESE PLANS ARE ALLOWED. ALL ALTERATIONS MUST BE DONE UNDER A SEPARATE PERMIT ONCE THE BUILDING PERMIT FOR THE ADU HAS BEEN ISSUED AND FINAL INSPECTION COMPLETED. IF YOU DO NOT HAVE THE CONSTRUCTION KNOWLEDGE AND EXPERIENCE TO CONTRACT THESE PLANS WITHOUT FURTHER DETAILS, IT IS RECOMMENDED YOU HIRE A CONTRACTOR TO DO THE CONSTRUCTION. THE CITY WILL NOT PROVIDE FURTHER INFORMATION OR DETAILS AND BUILDING INSPECTORS WILL NOT PROVIDE STEP BY STEP INSTRUCTIONS IN THE FIELD.

RCP GENERAL NOTES

- REFER TO GENERAL NOTES SHEET G-102 FOR ADDITIONAL REQUIREMENTS.
- HEIGHT OF CEILINGS SHALL BE MEASURED FROM TOP OF SLAB OR FLOOR TO FINISH FACE OF G.W.B. U.N.O.
- REFER TO ELECTRICAL PLANS FOR LIGHT FIXTURE AND EXHAUST LOCATIONS.
- DIMENSIONS ARE TO THE FACE OF FRAMING UNLESS OTHERWISE NOTED.
- LABEL MATERIAL SELECTIONS ON ALL RAKES, EAVES, PORCH SOFFITS, & OVERHANGS (A, B, C, ...).

KEYNOTES

- F03 22" X 30" MINIMUM ATTIC ACCESS. PROVIDED SWITCH AND OUTLET AT ATTIC FOR FAU. PERMANENTLY ATTACH R-38 OR GREATER INSULATION TO ATTIC ACCESS DOOR USING ADHESIVE OR MECHANICAL FASTENERS CENc 150.0 (a). PROVIDE GASKETED ATTIC ACCESS TO PREVENT AIR LEAKAGE CENc 150.0 (a)1." BUILDING LINE BELOW.
- H07 BIRD HOLES SOFFIT VENT (LOW). ATTIC VENTING OPTION A. SEE DETAILS FOR MORE INFORMATION. STRIKE THROUGH IF NOT USED. SEE VENTING CALCS.
- H14 DORMER VENT (LOW). ATTIC VENTING OPTION B. PAINT OR FINISH TO MATCH ROOF COLOR. STRIKE THROUGH IF NOT USED. SEE VENTING CALCS.
- H18 DORMER VENT (HIGH). ATTIC VENTING OPTION B. PAINT OR FINISH TO MATCH ROOF COLOR. STRIKE THROUGH IF NOT USED. SEE VENTING CALCS.
- H19 RIDGE VENT (HIGH). ATTIC VENTING OPTION A. SEE DETAILS FOR MORE INFORMATION. STRIKE THROUGH IF NOT USED. SEE VENTING CALCS.
- H20 METAL ROOF. SEE MATERIALS LEGEND FOR MORE INFO.
- K08 GUTTER. CONNECT TO DOWNSPOUT. PROVIDE MEANS TO PREVENT ACCUMULATION OF LEAVES AND DEBRIS IN GUTTER PER CRC R337.5.4
- M01 DOWNSPOUT. CONNECT TO STORM DRAIN SYSTEM OR APPROVED DRAINAGE SYSTEM BY COUNTY.
- M02

ROOF PLAN GENERAL NOTES

- REFER TO GENERAL NOTES SHEET G-101 FOR ADDITIONAL REQUIREMENTS
- REFER TO STRUCTURAL PLANS FOR ROOF FRAMING INFORMATION INCLUDING MEMBER SIZES AND CONNECTION HARDWARE.
- REFER TO MECHANICAL/ELECTRICAL SHEETS FOR ROOF PENETRATION LOCATIONS.
- PROVIDE A MINIMUM OF 1 INCH OF AIRSPACE BETWEEN THE INSULATION AND ROOF SHEATHING.
- WHERE THE ROOF PROFILE ALLOWS A SPACE BETWEEN THE ROOF COVERING AND DECKING, THE SPACES SHALL BE CONSTRUCTED TO PREVENT THE INTRUSION OF FLAMES AND EMBERS, BE FIRESTOPPED WITH APPROVED MATERIALS OR HAVE ONE LAYER OF MINIMUM 72 POUND MINERAL-SURFACED NONPERFORATED CAP-SHEET OVER THE COMBUSTIBLE DECKING.
- ALL ROOFING MATERIALS TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
- OVERHANG DIMENSIONS ARE FROM FACE OF EXTERIOR WALL FRAMING TO ROOF EDGE.
- ROOF COVERINGS AND UNDERLAYMENT SHALL BE APPLIED IN ACCORDANCE WITH (CRC R905), AND MANUFACTURER'S INSTALLATION INSTRUCTIONS
- ROOF VENTS SHALL BE APPLIED PER MANUFACTURER'S SPECIFICATIONS FURNISHED DIMENSIONS FOR VENTS ARE GUIDES ONLY. INSTALL PER MANUFACTURER'S SPECIFICATIONS AND ADJUST TO ACCOMMODATE TRUSS LOCATIONS, PLUMBING VENTS, AND SOLAR COLLECTORS.
- ENCLOSED ATTICS AND ENCLOSED RAFTER SPACES FORMED WHERE CEILING ARE APPLIED DIRECTLY TO THE UNDERSIDE OF ROOF RAFTERS SHALL HAVE CROSS VENTILATION FOR EACH SEPARATE SPACE BY VENTILATING THE ENTRANCE OF RAIN OR SNOW. VENTILATION OPENINGS SHALL HAVE A LEAST DIMENSION OF 1/16 INCH MINIMUM AND 1/4 INCH MAXIMUM. OPENINGS IN ROOF FRAMING MEMBERS SHALL CONFORM TO THE REQUIREMENTS OF SECTION R802.7. REQUIRED VENTILATION OPENINGS SHALL OPEN DIRECTLY TO THE OUTSIDE AIR AND SHALL BE PROTECTED TO PREVENT THE ENTRY OF BIRDS, RODENTS, SNAKES AND OTHER SIMILAR CREATURES.
- THE MINIMUM NET FREE VENTILATING AREA SHALL COMPLY WITH CRC R806.2.
- IN THE INSTANCE OF UPPER VENTS, VENTS SHALL BE LOCATED NO MORE THAN 3 FT BELOW THE RIDGE OR HIGHEST POINT OF THE SPACE, MEASURED VERTICALLY. CRC R806.2
- FOR VENTED ROOF ASSEMBLIES: PROVIDE A MINIMUM OF 1 INCH OF AIRSPACE BETWEEN THE INSULATION AND ROOF SHEATHING.
- FOR UN-VENTED ROOF ASSEMBLIES: ROOF ASSEMBLY TO MEET CODE REQUIREMENTS OF CRC R806.5. PROVIDE MINIMUM 2" HIGH DENSITY CLOSE CELL INSULATION. PROVIDE ADDITIONAL INSULATION AS NEEDED TO MEET MINIMUM ROOF ASSEMBLY R-VALUE REQUIRED BY TITLE-24.
- ALL ROOFING TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
- OVERHANG DIMENSIONS ARE FROM FACE OF EXTERIOR WALL FRAMING TO ROOF EDGE

ROOF VENTING CALCULATIONS

OWNER/APPLICANT TO SELECT ATTIC VENTING METHOD AND CROSS OUT OPTION NOT USED:

ATTIC	AREA	REQUIRED ATTIC VENTING (NFA)	UPPER VENTING REQUIRED (NFA)	LOWER VENTING REQUIRED (NFA)
ATTIC 1 - PLAN 1	1127 SF	3.76 SF	1.88 SF	1.88 SF

MATERIALS LEGEND

GRAPHICS LEGEND: OWNER/APP. TO PROVIDE MANUFACTURER, COLOR/FINISH SPECIFICATIONS, & WUI (WHEN REQ.) PRODUCT LISTINGS:

- ROOFING; SEE MATERIALS LEGEND ON ELEVATION SHEET FOR MORE INFORMATION. CLASS A ROOF REQ. BY WUI.
- INTERIOR CEILING FINISH, TYP. 5/8" GYP. INSTALL PER WUI RECOMMENDATIONS. NOTE: SEE MANUFACTURER'S PRODUCT LISTINGS FOR IMPROVED SOUND AND/OR MOISTURE/MOLD/MILDEW-RESISTANT PERFORMANCE PRODUCTS. VISIT GYPSUM.ORG FOR MORE INFORMATION.
- EXTERIOR EAVES, PORCH SOFFITS, & OVERHANGS
 - A) 2X TONGUE & GROOVED (SOLID SAWN LUMBER)
 - B) FIBER CEMENT SOFFIT PANELS
 - C) HARDBOARD SOFFIT PANELS
 - D) EXT. GRADE FIRE RETARDANT TREATED SHEATHING (LABEL SELECTION ON REFLECTED CEILING PLAN)

- NOTES:
- SOFFIT MATERIALS TO MEET REQ. OF CRC 337 & CRC 704.
 - INSTALL ALL MATERIALS, FASTENERS, & COMPONENTS PER MANUFACTURER'S SPECIFICATIONS & RECOMMENDATIONS.
 - INSTALL ADDITIONAL BLOCKING AS NEEDED TO MEET ATTACHMENT REQUIREMENTS PER CRC TABLE R702.3.5
 - A PROJECT SITE WITHIN THE WILDLAND-URBAN INTERFACE FIRE AREA SHALL COMPLY WITH THE CRC SECTION R337. IF WUI APPROVED PRODUCTS ARE REQUIRED, PROVIDE SELECTED PRODUCT LISTINGS IN THE SPACES PROVIDED.

ROOF PLAN & RCP LEGEND

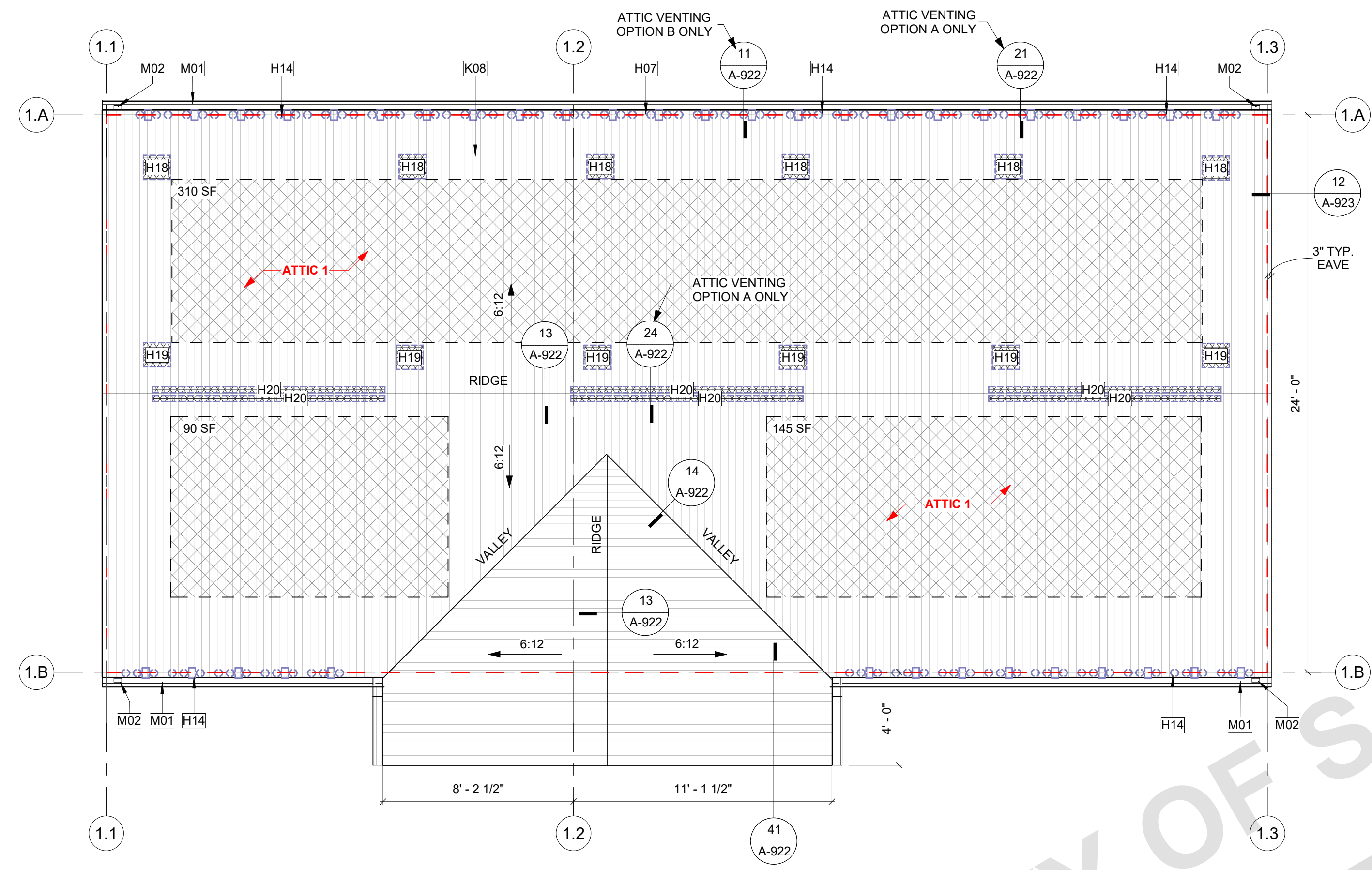
- XX'-X" CEILING HEIGHT (SEE PLAN FOR ACTUAL HEIGHTS)
- X : 12 ROOF SLOPE (REFER TO PLANS FOR ACTUAL SLOPE)
- X : 12 CEILING SLOPE (REFER TO PLANS FOR ACTUAL SLOPE)
- 22"x30" MIN. ATTIC ACCESS PANEL (WHERE REQ.)
- VENTING OPTION A RIDGE VENT, MARK WITH "X" IF NOT USED. SEE ROOF VENTING CALCS.
- VENTING OPTION A SOFFIT VENT, MARK WITH "X" IF NOT USED. SEE ROOF VENTING CALCS.
- VENTING OPTION B DORMER VENT, MARK WITH "X" IF NOT USED. SEE ROOF VENTING CALCS.
- OUTLINE OF WALL BELOW
- GUTTER, CONNECT TO DOWNSPOUT; SEE DETAIL: 12/A-901
- APPROXIMATE LOCATION OF DOWNSPOUT/LEADER TO ROOF OR SPLASHBLOCK BELOW; SEE DETAILS:
- AVAILABLE SOLAR ZONE LOCATIONS; PV SYSTEM UNDER SEPARATE PERMIT. SEE TITLE 24 REPORT FOR MORE INFORMATION
- AREA OF ATTIC WITH 30" HEIGHT OR GREATER. 22" X 30" CLEAR OPENING ACCESS REQUIRED IF TOTAL AREA GREATER THAN 30 SQ. FT. PER CRC R807.1

COUNTY OF SAN LUIS OBISPO
ACCESSORY DWELLING UNIT
SAN LUIS OBISPO, CA

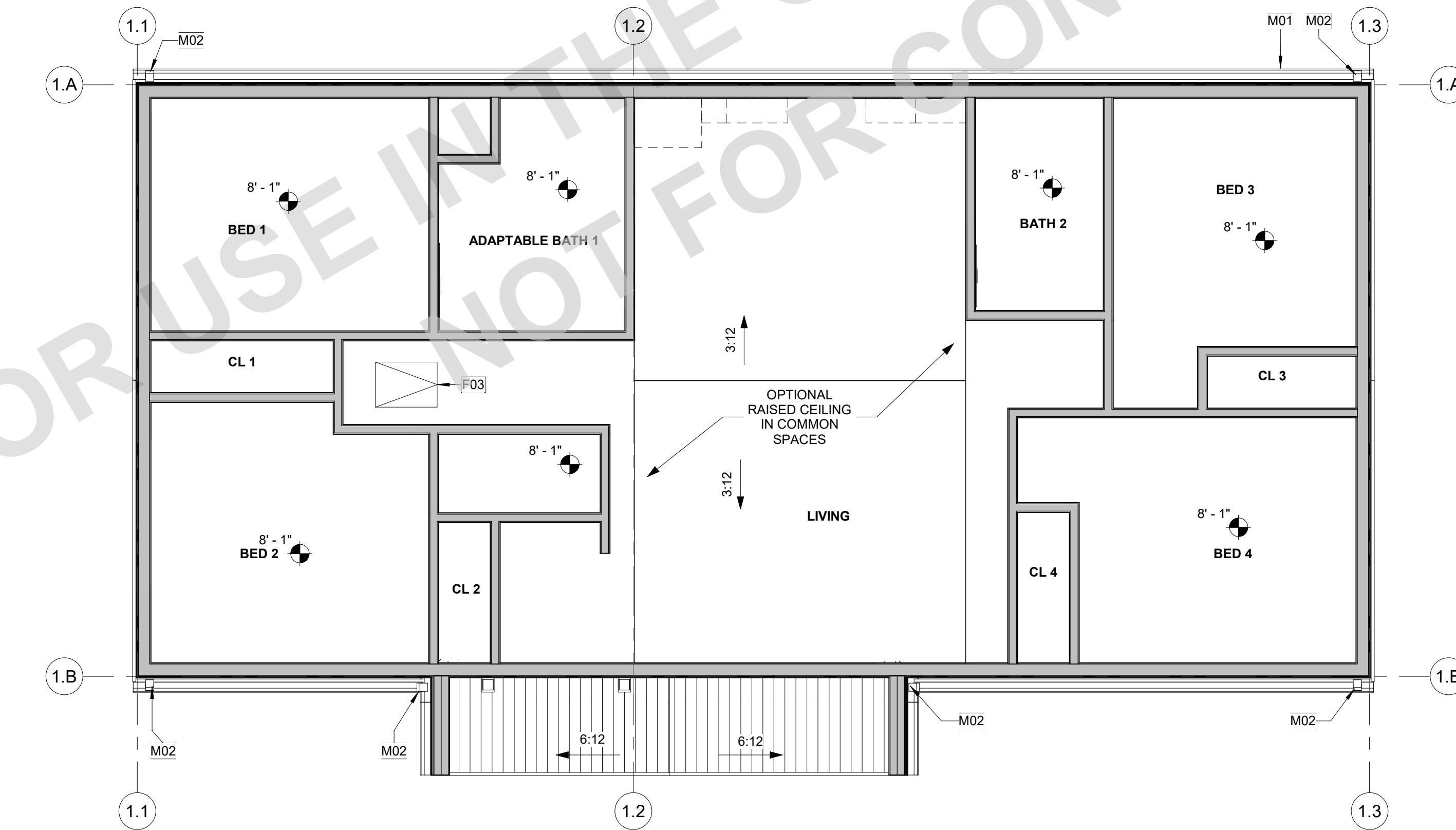
ROOF PLAN & REFLECTED CEILING PLAN

DATE
09/28/2023

SHEET
A1-122



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



2 REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"



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GENERAL ELEVATION NOTES

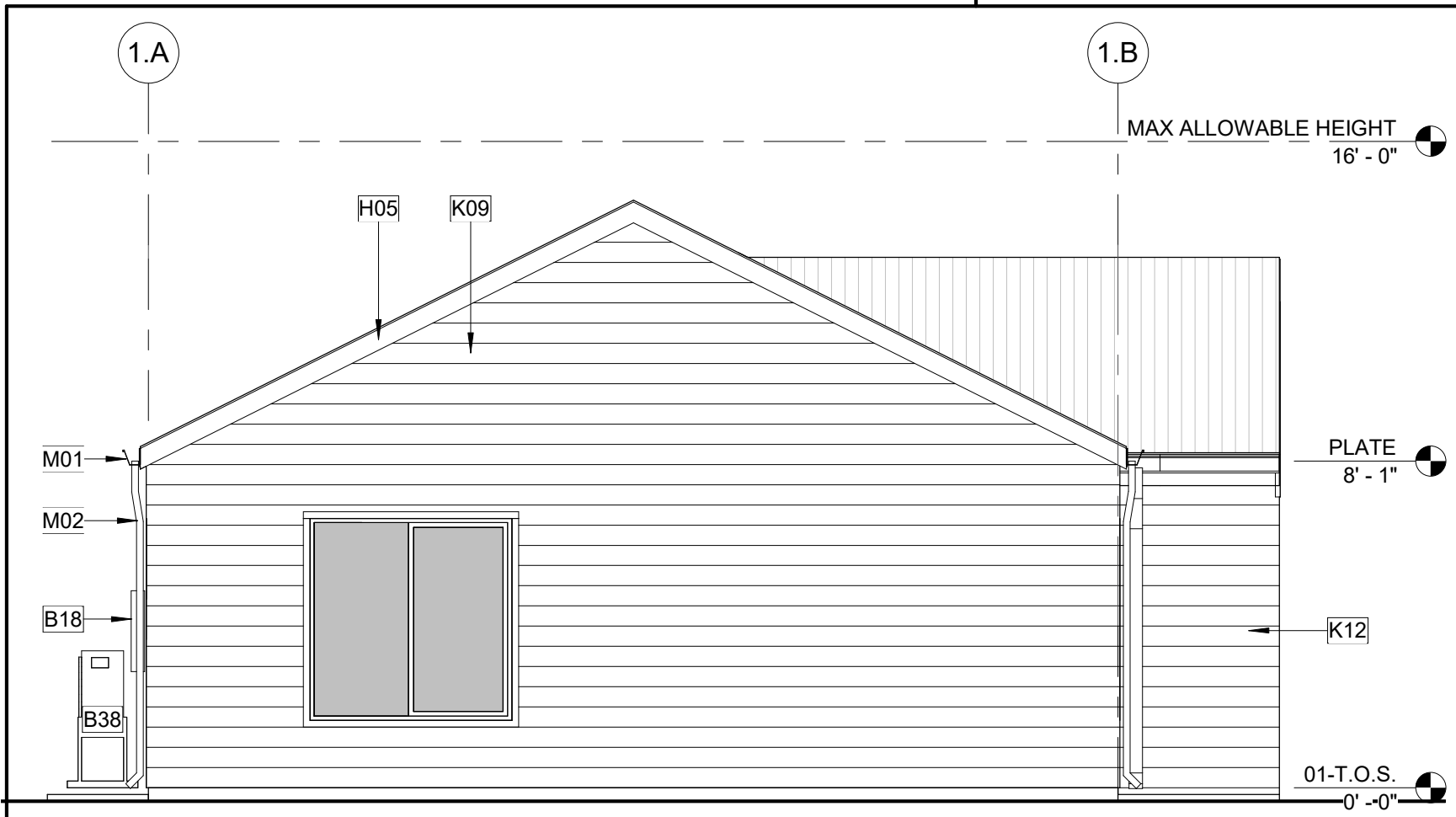
1. REFER TO GENERAL NOTES SHEET G-102 FOR ADDITIONAL REQUIREMENTS
2. SEE DETAILS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
3. REFER TO ROOF PLAN FOR OVERHANGS, FASCIA PER DETAILS. PROVIDE ALUMINUM GUTTER. SEE ROOF PLAN FOR APPROXIMATE DOWNSPOUT LOCATIONS. U.N.Q.
4. REFER TO DOOR AND WINDOW SCHEDULES AND TYPES FOR DOOR AND WINDOW INFORMATION.
5. THE NOMINAL THICKNESS AND ATTACHMENT OF EXTERIOR WALL COVERINGS SHALL BE IN ACCORDANCE WITH CRC TABLE R703.3(1). GYPSUM SHEATHING SHALL BE ATTACHED TO EXTERIOR WALLS IN ACCORDANCE WITH CRC TABLE R602.3.

SECTIONS GENERAL NOTES

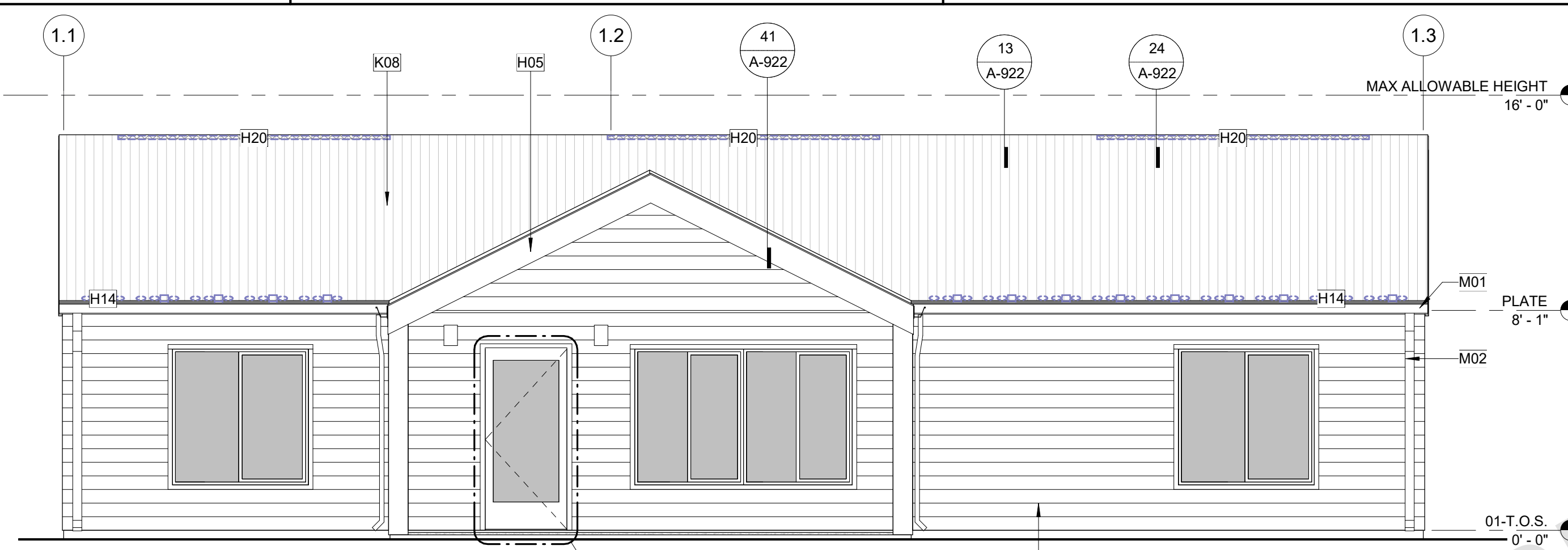
1. THE PURPOSE OF THESE DRAWINGS IS TO SHOW CONSTRUCTION MATERIALS/ASSEMBLIES. FOR SPECIFIC SIZES AND DETAILS REFER TO ARCHITECTURAL PLANS, ELEVATIONS, DETAILS, AND STRUCTURAL PLANS. *KEYNOTES ONLY APPLY IF REFERENCED ON PLANS.
2. WALL ASSEMBLIES TO BE PER FLOOR PLAN.
3. DOORS AND WINDOWS TO BE PER APPLICABLE SCHEDULE. REFER TO FLOOR PLANS FOR IDENTIFICATION.
4. INSULATION: REFER TO TITLE 24 REPORT AND "INSULATION" NOTES ON SHEET FOR ADDITIONAL RATINGS, REQUIREMENTS, AND INFORMATION.
5. FIREBLOCKING TO BE LOCATED AT THE FOLLOWING LOCATIONS PER 2022 CRC SECTION R302.11:
 - A. SECTION R302.11 - FIREBLOCKING SHALL BE PROVIDED IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS, INCLUDING FURRED SPACES AND PARALLEL ROWS OF STUDS OR STAGGERED STUDS, AS FOLLOWS:
 1. VERTICALLY AT CEILING AND FLOOR LEVELS
 2. HORIZONTALLY AT INTERVALS NOT EXCEEDING 10 FEET.
 2. AT INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS SOFFITS, DROP CEILINGS AND COVE CEILINGS
 3. IN CONCEALED SPACES BETWEEN STAIR STRINGERS AT THE TOP AND BOTTOM OF THE RUN. ENCLOSED SPACES UNDER STAIRS SHALL COMPLY WITH SECTION R302.7.
 4. AT OPENINGS AROUND VENTS, PIPES, DUCTS, CABLES AND WIRES AT CEILINGS AND FLOOR LEVEL. WITH AN APPROVED MATERIAL TO RESIST THE FREE PASSAGE OF FLAME PRODUCTS OF COMBUSTION. THE MATERIAL FILLING THIS ANNULAR SPACE SHALL NOT BE REQUIRED TO MEET THE ASTM E136 REQUIREMENTS.
 5. FOR THE FIREBLOCKING OF CHIMNEYS AND FIREPLACES, SEE SECTION R402.19
 6. FIREBLOCKING OF CORNICES OF A TWO-FAMILY DWELLING IS REQUIRED AT THE LINE OF DWELLING-UNIT SEPARATION.
- A. SECTION R302.11.1 - FIREBLOCKING MATERIALS SHALL CONSIST OF FOLLOWING MATERIALS.
 1. TWO-INCH NOMINAL LUMBER
 2. TWO THICKNESSES OF ONE-INCH NOMINAL LUMBER WITH BROKEN LAP JOINTS
 3. THE THICKNESS OF 0.719-INCH WOOD STRUCTURAL PANELS WITH JOINTS BACKED BY 0.719-INCH WOOD STRUCTURAL PANELS
 4. THE THICKNESS OF 0.75-INCH PARTICLE BOARD WITH JOINTS BACKED BY 0.75-INCH PARTICLE BOARD
 5. ONE-HALF-INCH GYPSUM BOARD
 6. ONE-FOURTH-INCH CEMENT-BASED MILLBOARD
 7. BATTS OR BLANKETS OF MINERAL WOOL, MINERAL FIBER OR OTHER APPROVED MATERIAL INSTALLED IN SUCH A MANNER AS TO BE SECURELY RETAINED IN PLACE
 8. CELLULOSE INSULATION INSTALLED AS TESTED IN ACCORDANCE WITH ASTM E119 OR UL 263, FOR THE SPECIFIC APPLICATION.
4. PER 2022 CRC SECTION R317 SLEEPERS AND SILLS ON A CONCRETE OR MASONRY SLAB THAT IS IN DIRECT CONTACT WITH GROUND, UNLESS SEPARATED BY AN IMPERVIOUS MOISTURE BARRIER SHALL BE NATURALLY DURABLE OR PRESERVATIVE-TREATED WOOD IN ACCORDANCE WITH AWPA U1.

KEYNOTES

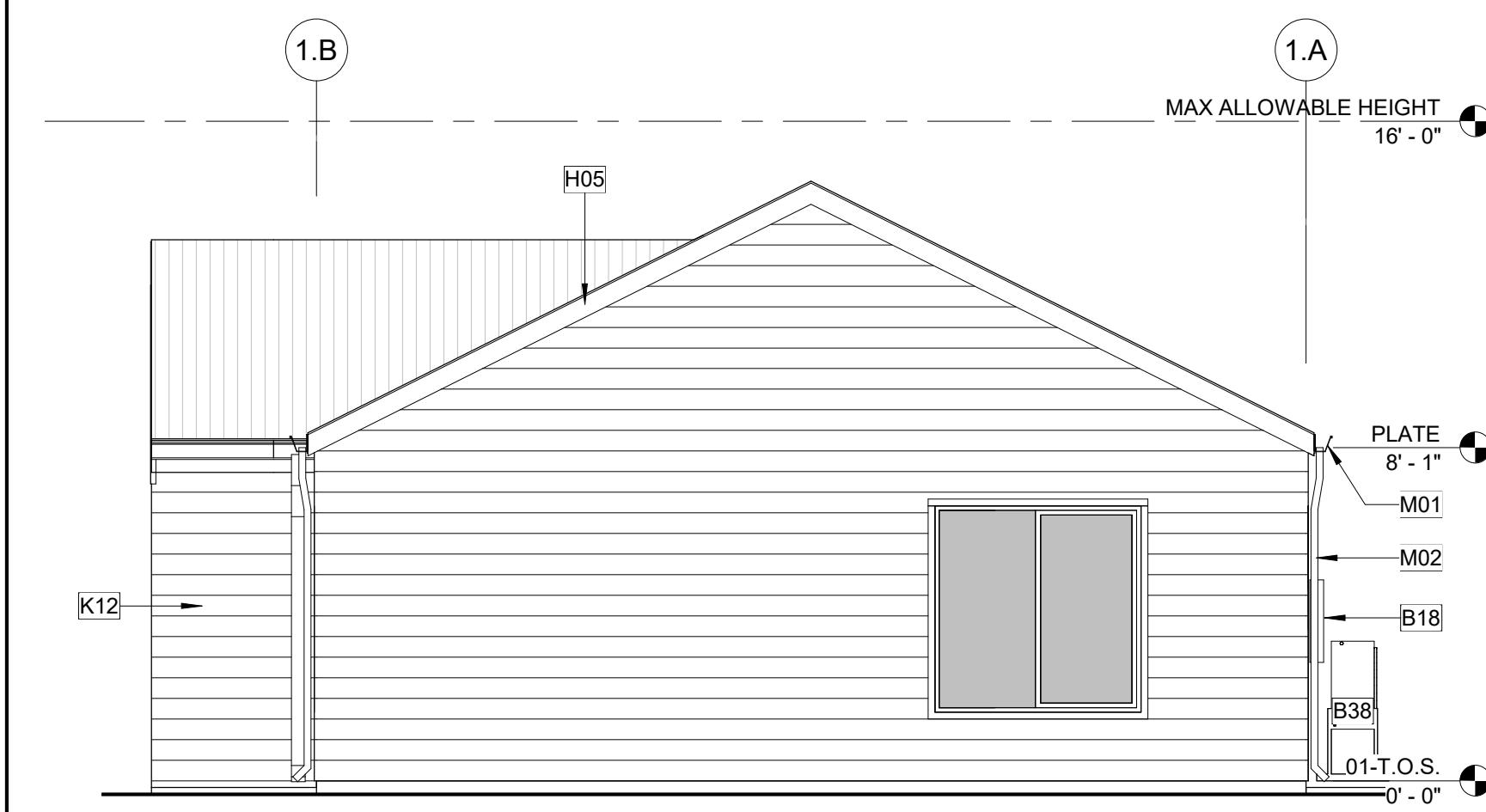
- B18 ELECTRIC PANEL, 100AMP 240V.
- B38 MULTI-ZONE HEAT PUMP CONDENSER UNIT. REFER TO PLANS FOR LOCATION OF INDOOR FAN FAN COIL UNITS. REFER TO TITLE 24 FOR ADDITIONAL INFORMATION. PROVIDE CONCRETE PAD MIN. 6" LARGER THAN UNIT IN EACH DIRECTION, 3' MIN. ABOVE GRADE.
- H05 ROOF EDGE/FASCIA. SEE DETAILS FOR FASCIA TYPE.
- H14 BIRD HOLES SOFFIT VENT (LOW). ATTIC VENTING OPTION A. SEE DETAILS FOR MORE INFORMATION. STRIKE THROUGH IF NOT USED. SEE VENTING CALC'S.
- H19 DORMER VENT (HIGH). ATTIC VENTING OPTION B. PAINT OR FINISH TO MATCH ROOF COLOR. STRIKE THROUGH IF NOT USED. SEE VENTING CALC'S.
- H20 RIDGE VENT (HIGH). ATTIC VENTING OPTION A. SEE DETAILS FOR MORE INFORMATION. STRIKE THROUGH IF NOT USED. SEE VENTING CALC'S.
- K02 EXTERIOR GRADE WOOD SIDING. SEE TITLE SHEET & MATERIALS LEGEND FOR SELECTIONS & MORE INFO.
- K08 METAL ROOF. SEE MATERIALS LEGEND FOR MORE INFO.
- K09 EXTERIOR WALL COVERING. SEE TITLE SHEET & MATERIALS LEGEND FOR SELECTIONS & MORE INFO.
- K10 SOFFIT. SEE REFLECTED CEILING PLAN AND RCP MATERIALS LEGEND FOR MORE INFO.
- K12 EXTERIOR WALL COVERING. SEE TITLE SHEET & MATERIALS LEGEND FOR SELECTIONS & MORE INFO.
- L19 LIGHT FIXTURE LOCATION. SEE DETAILS & ELECTRIC PLAN FOR MORE INFO.
- L20 BUILDING SHALL HAVE ADDRESS NUMBERS PLACED IN A POSITION THAT IS PLAINLY LEGIBLE AND VISIBLE FROM STREET. MINIMUM OF 4" HIGH WITH A MIN. STROKE OF 1/2" (EXACT LOCATION PER OWNER/APPLICANT).
- M01 GUTTER. CONNECT TO DOWNSPOUT. PROVIDE MEANS TO PREVENT ACCUMULATION OF LEAVES AND DEBRIS IN GUTTER PER CRC R337.5.4
- M02 DOWNSPOUT. CONNECT TO STORM DRAIN SYSTEM OR APPROVED DRAINAGE SYSTEM BY COUNTY.
- S03 ROOF INSULATION. R-38 MIN.
- S04 2X6 WALL INSULATION. R-19 MIN.
- U11 WOOD BEAM / HEADER. REFER TO STRUCTURAL.



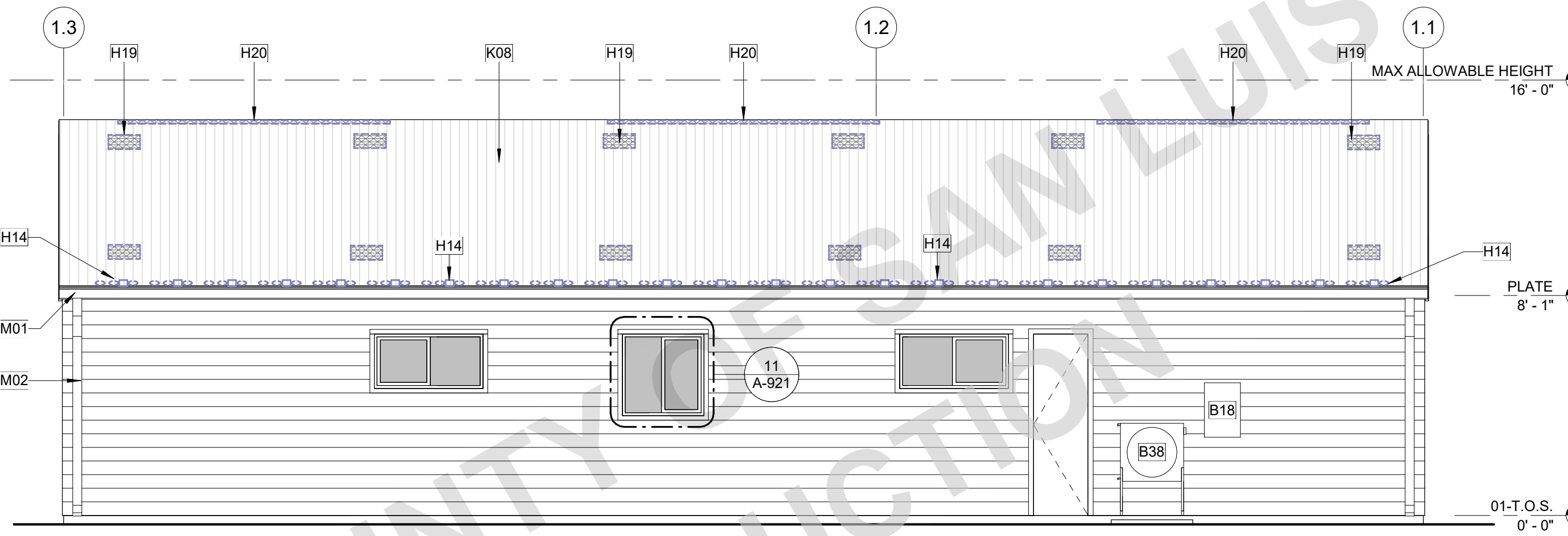
2 LEFT ELEVATION
A1-102 | A1-202 SCALE: 1/4" = 1'-0"



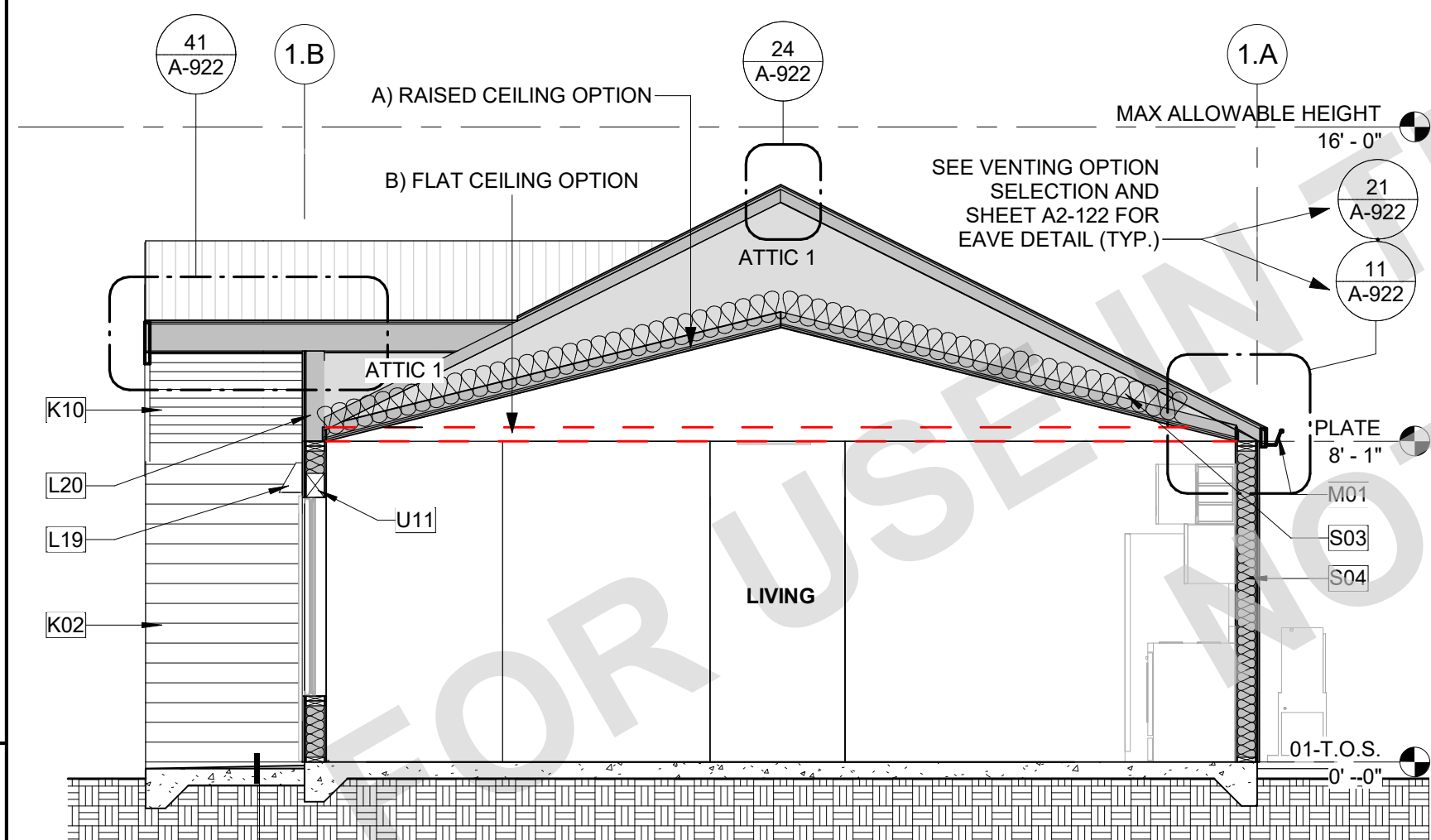
1 FRONT ELEVATION
A1-102 | A1-202 SCALE: 1/4" = 1'-0"



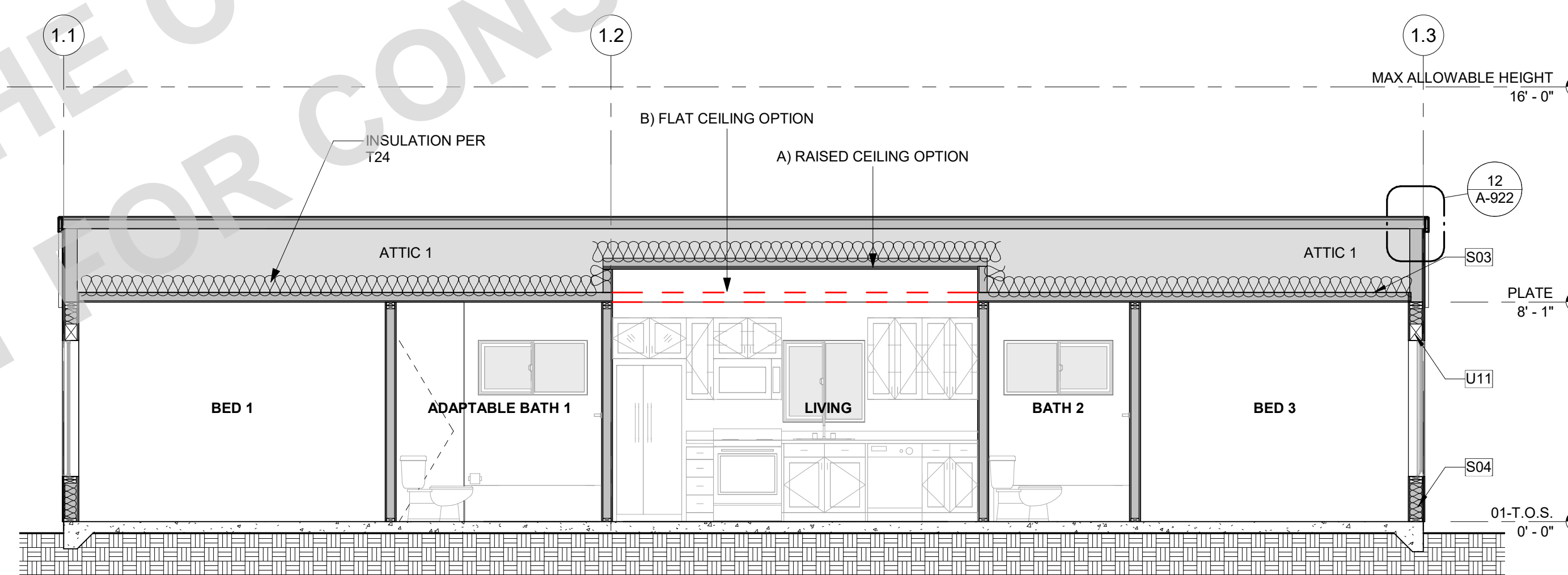
4 RIGHT ELEVATION
A1-102 | A1-202 SCALE: 1/4" = 1'-0"



3 REAR ELEVATION
A1-102 | A1-202 SCALE: 1/4" = 1'-0"



6 SECTION 02
A1-102 | A1-202 SCALE: 1/4" = 1'-0"



5 SECTION 01
A1-102 | A1-202 SCALE: 1/4" = 1'-0"

MATERIALS LEGEND MODERN

1. COLOR SCHEMES AND FINISH OF PRODUCT SELECTIONS RECOMMENDED TO MATCH PRIMARY RESIDENCE. INSTALL ALL MATERIAL SELECTIONS PER MANUFACTURER'S RECOMMENDATIONS.
2. A PROJECT SITE WITHIN THE WILDLAND-URBAN INTERFACE FIRE AREA SHALL COMPLY WITH THE CRC SECTION R337. IF WUI APPROVED PRODUCTS ARE REQUIRED, PROVIDE SELECTED PRODUCT LISTINGS IN THE SPACES PROVIDED. WHEN NOT REQUIRED, WRITE "NOT APPLICABLE."
3. APPROVED PRODUCT LISTINGS CAN BE FOUND IN THE (CURRENT) CAL-FIRE STATE FIRE MARSHAL LISTED WILDLAND URBAN INTERFACE WUI PRODUCT HANDBOOK.
4. IF PROJECT SITE REQUIRES WUI COMPLIANCE, IN THE CASE THAT PRODUCT SELECTIONS ARE NOT BML LISTED, NOR IN THE HANDBOOK, MATERIALS SHALL COMPLY WITH THE PRESCRIPTIVE STANDARDS OF CHAPTER 7A.

GRAPHICS LEGEND: MARK ALL THAT APPLY AND LABEL ALL SURFACES ON THE ELEVATIONS

- E) FIBER CEMENT HORIZONTAL LAP SIDING (SHALL MEET ALL REQ. OF CRC 337 & CRC R703.10.2)
- F) EXT. GRADE WOOD HORIZONTAL LAP SIDING (SHALL MEET ALL REQ. OF CRC 337 & CRC R703.5.3)
- G) EXT. GRADE WOOD PANEL SIDING (SHALL MEET ALL REQ. OF CRC 337 & CRC R703.5.2)

OWNER/APP. TO PROVIDE MANUFACTURER, COLOR/FINISH SPECIFICATIONS, & WUI (WHEN REQ.) PRODUCT LISTINGS:

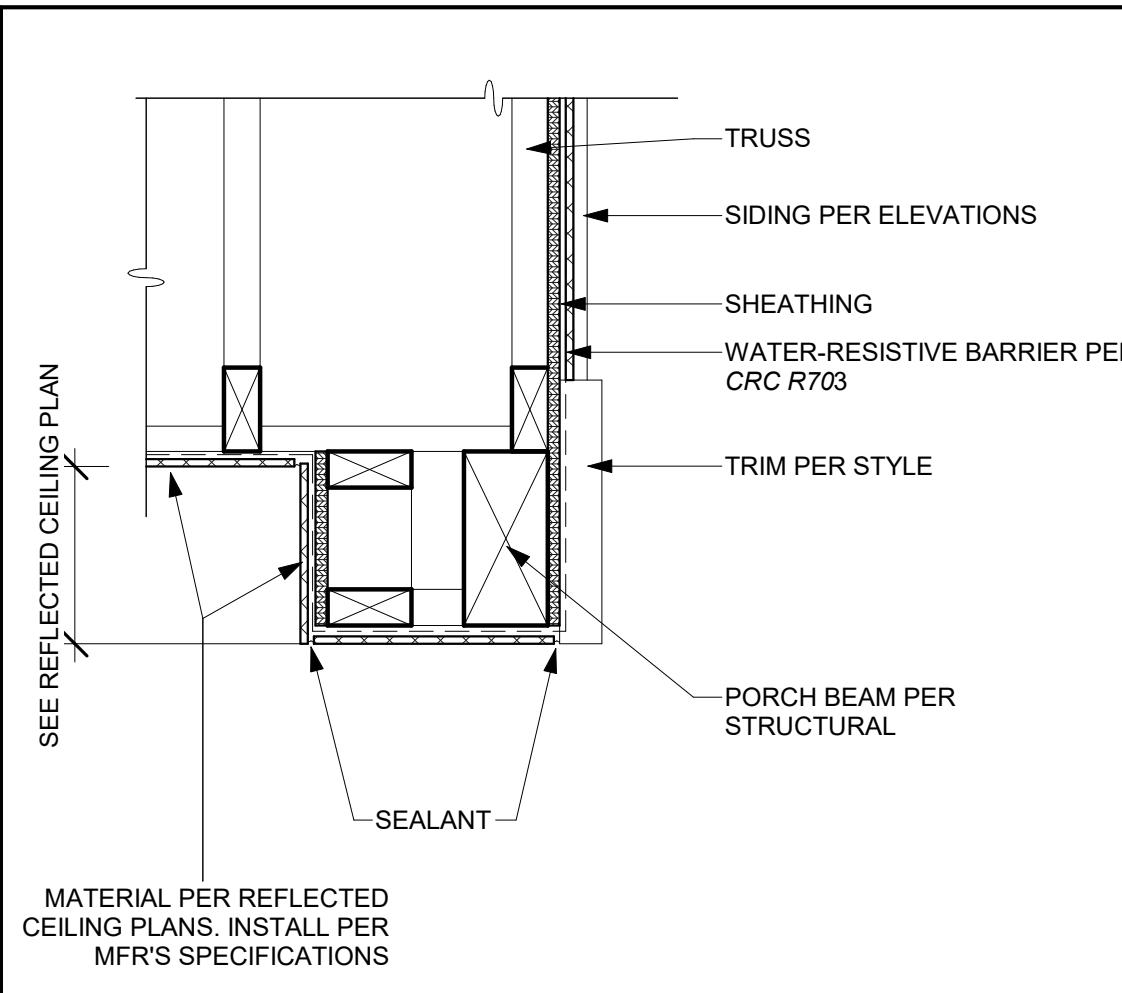
GRAPHICS LEGEND:

- STANDING SEAM METAL ROOF CLASS-A ROOF ASSEMBLY REQ. PER WUI:
 - YES
 - NO
- ROOF COVERING SHALL COMPLY WITH ALL REQ. OF CRC 337 & CRC R905.10 METAL ROOF PANELS.
- SEE REFERENCE DETAILS ON SHEE A-941.

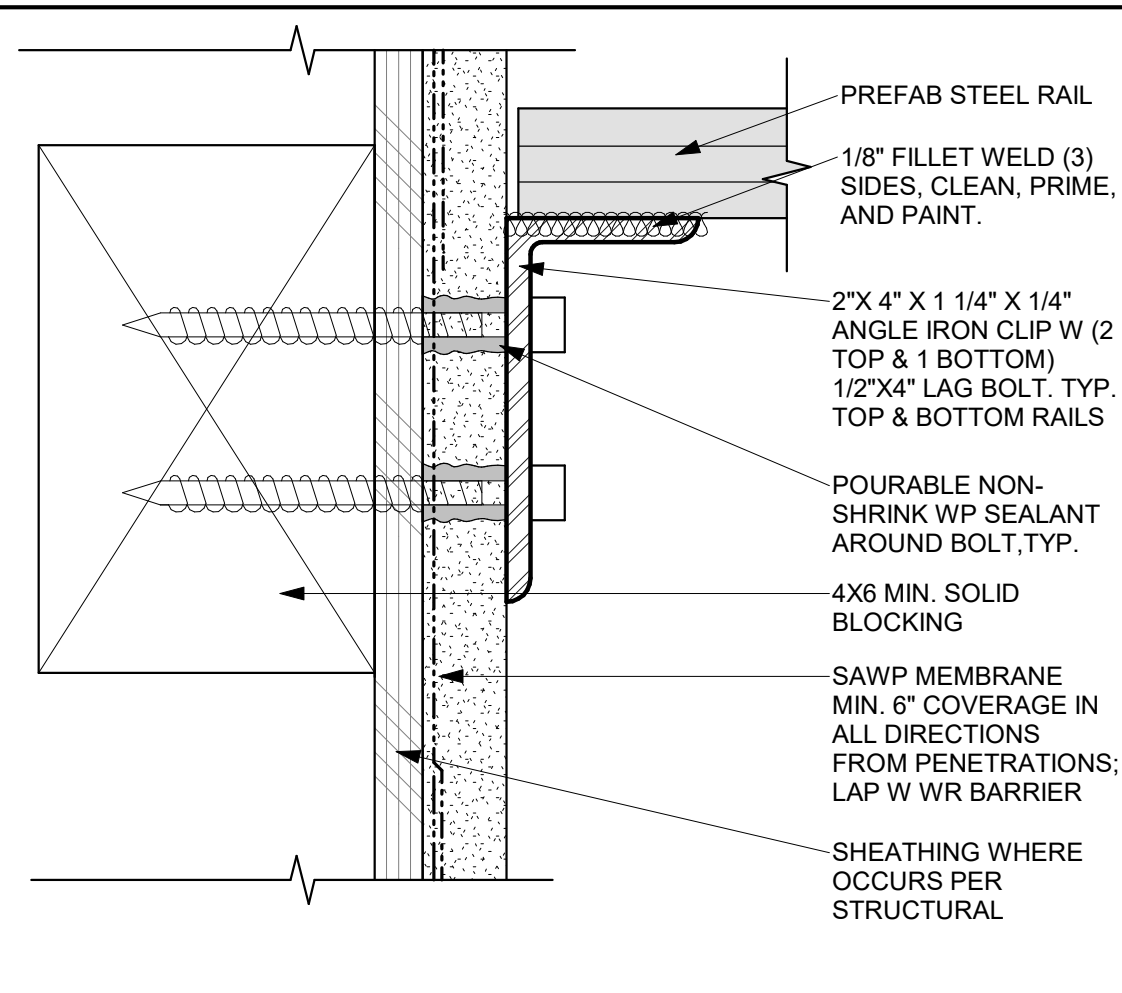
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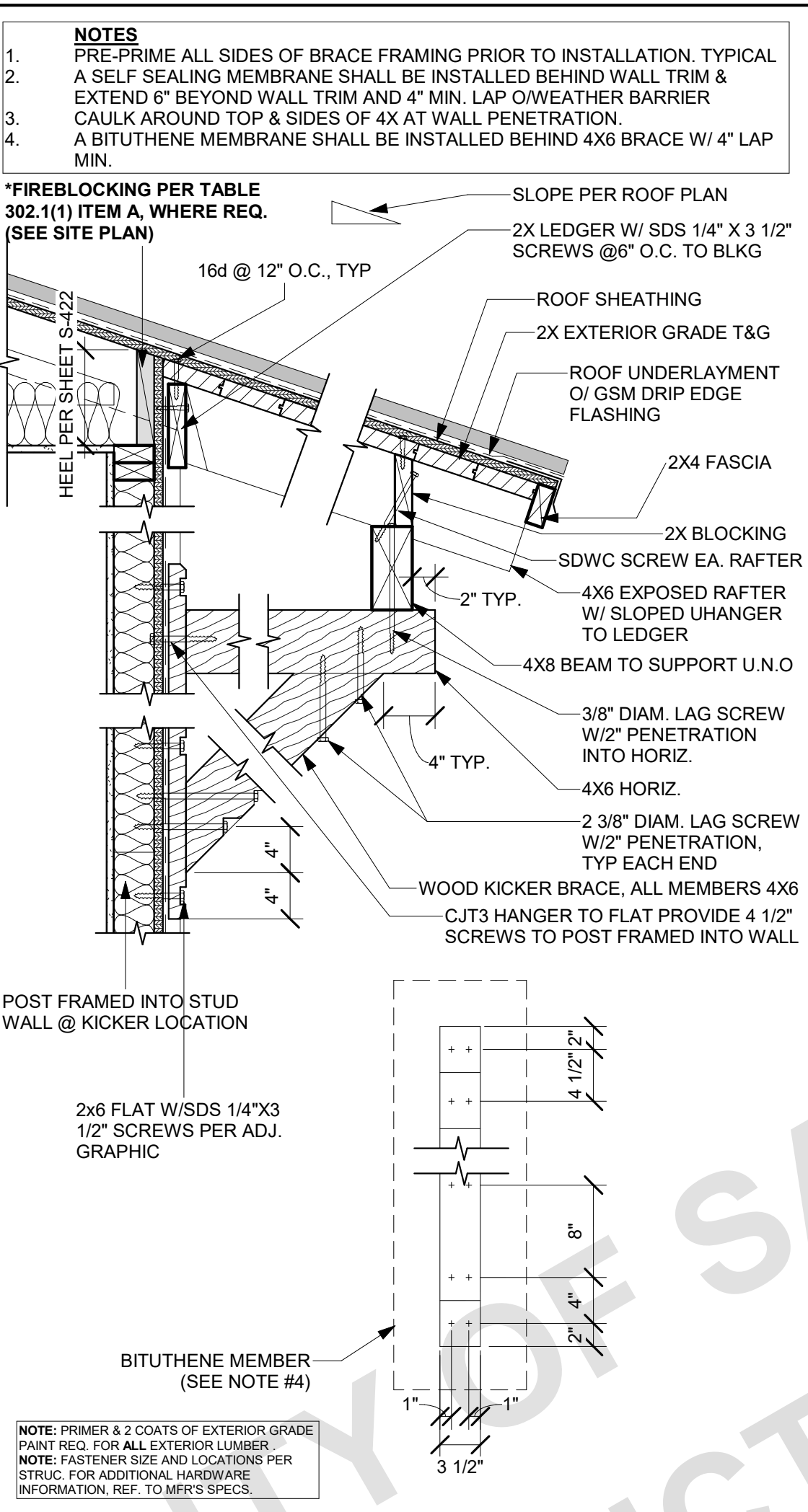
COUNTY OF SAN LUIS OBISPO
ACCESSORY DWELLING UNIT
 SAN LUIS OBISPO, CA
ELEVATIONS & BUILDING SECTIONS



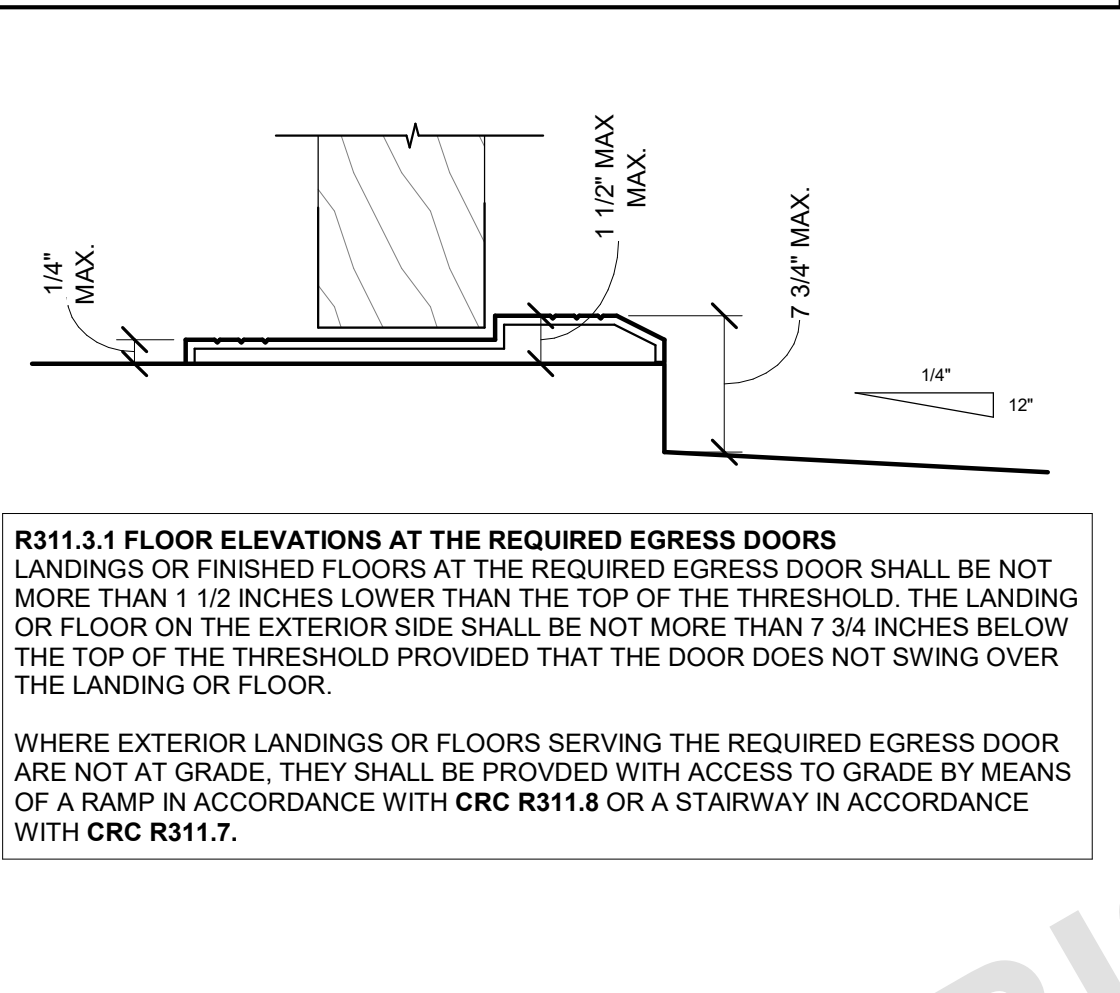
51 TYP. PORCH BEAM @ SOFFIT
SCALE: 1/12" = 1'-0"



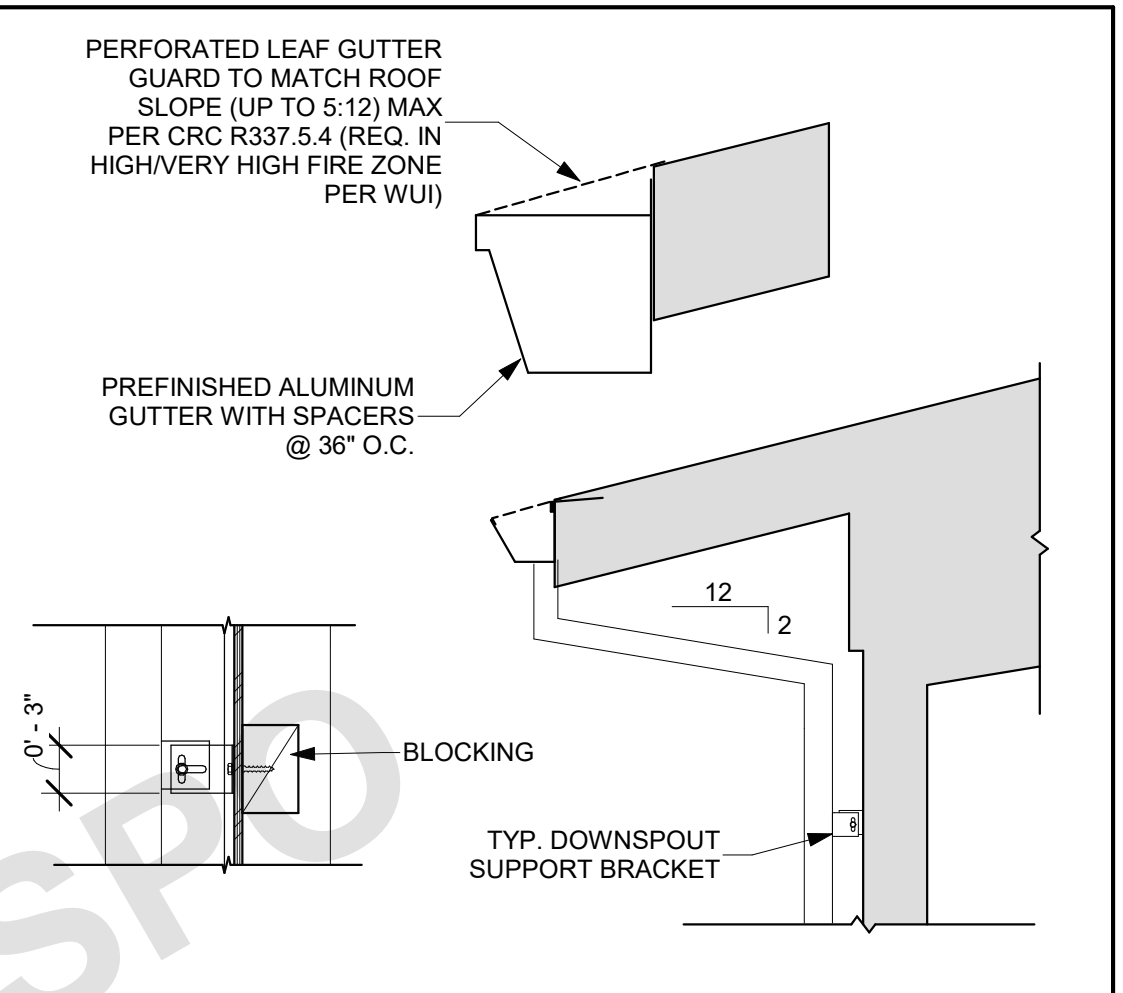
41 RAILING CONNECTION DETAIL
SCALE: 6" = 1'-0"



32 SHED ROOF WITH KICKER (CONT. ROOF)
SCALE: 1/2" = 1'-0"



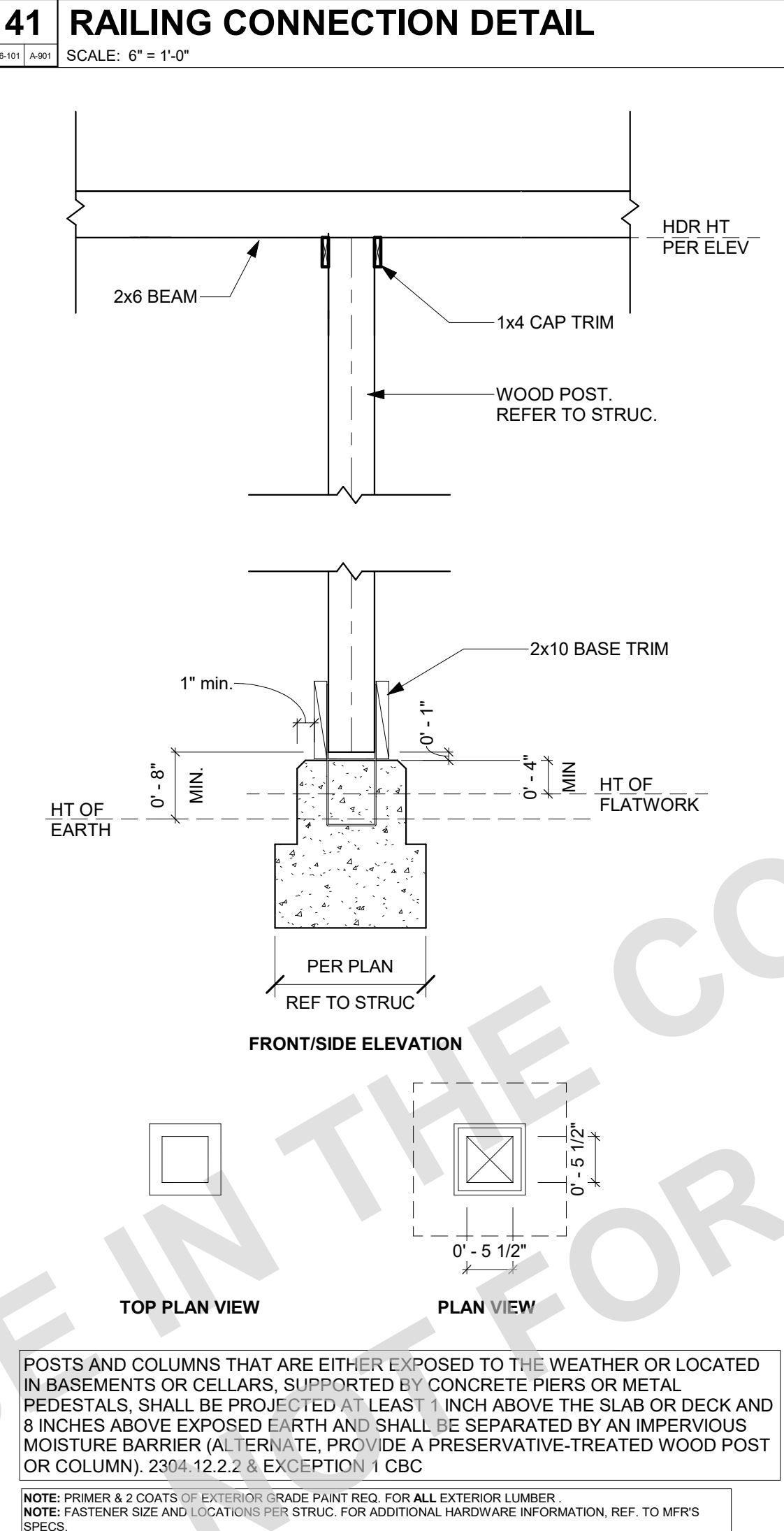
21 EXTERIOR DOOR THRESHOLD - TYPICAL
SCALE: 6" = 1'-0"



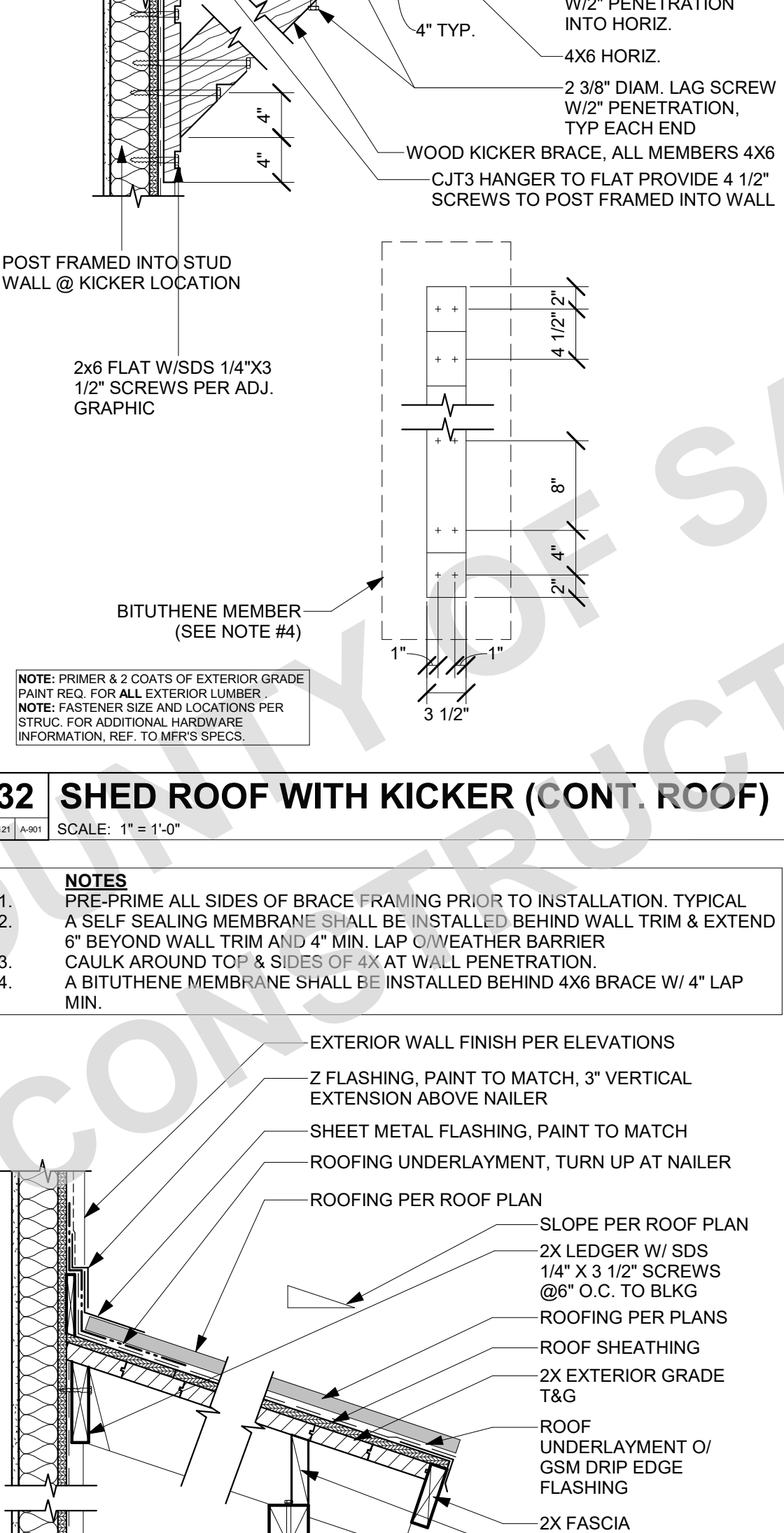
12 TYP. GUTTER TO EXT. DOWNSPOUT
SCALE: 1/2" = 1'-0"



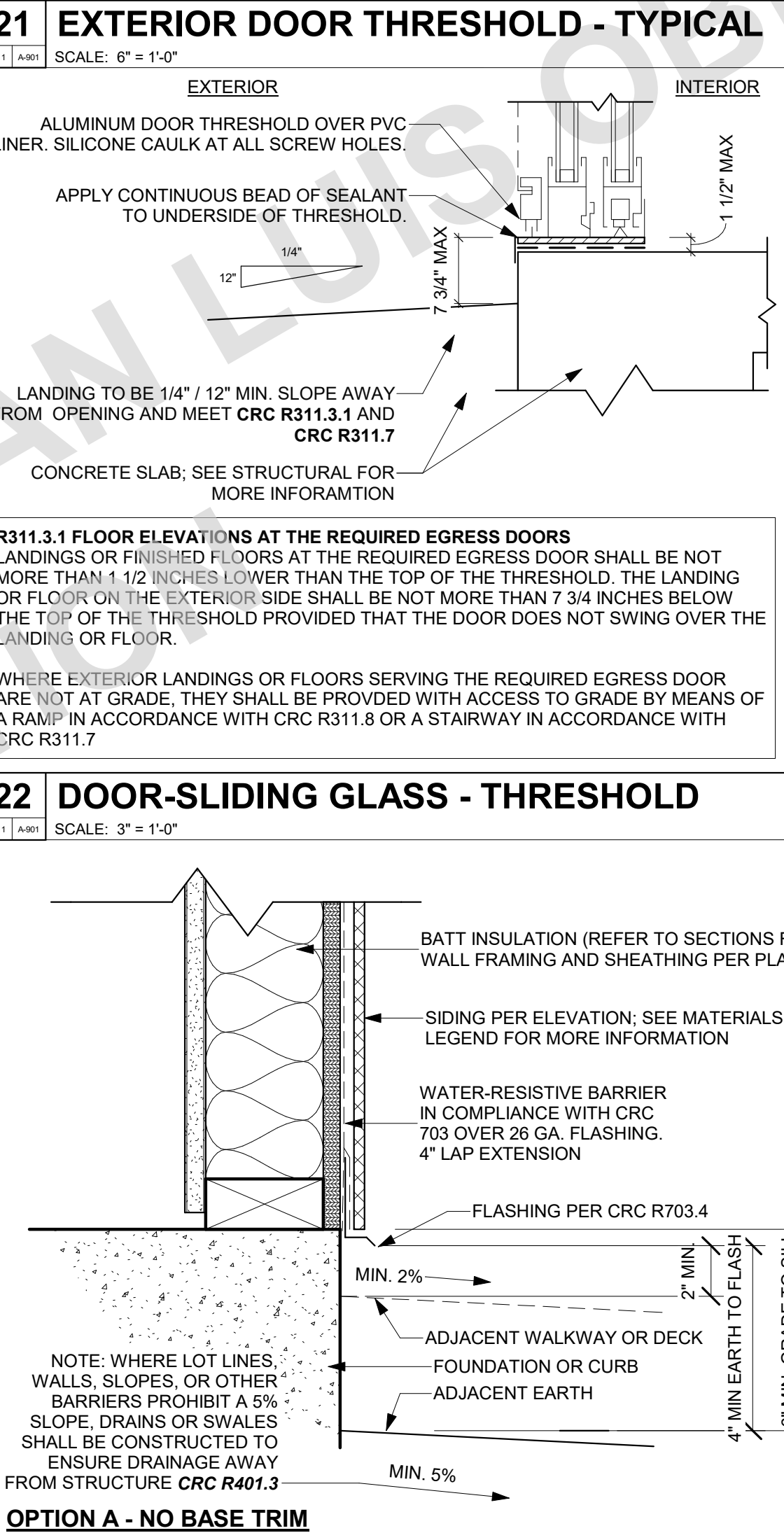
42 TYPICAL POST
SCALE: 3/4" = 1'-0"



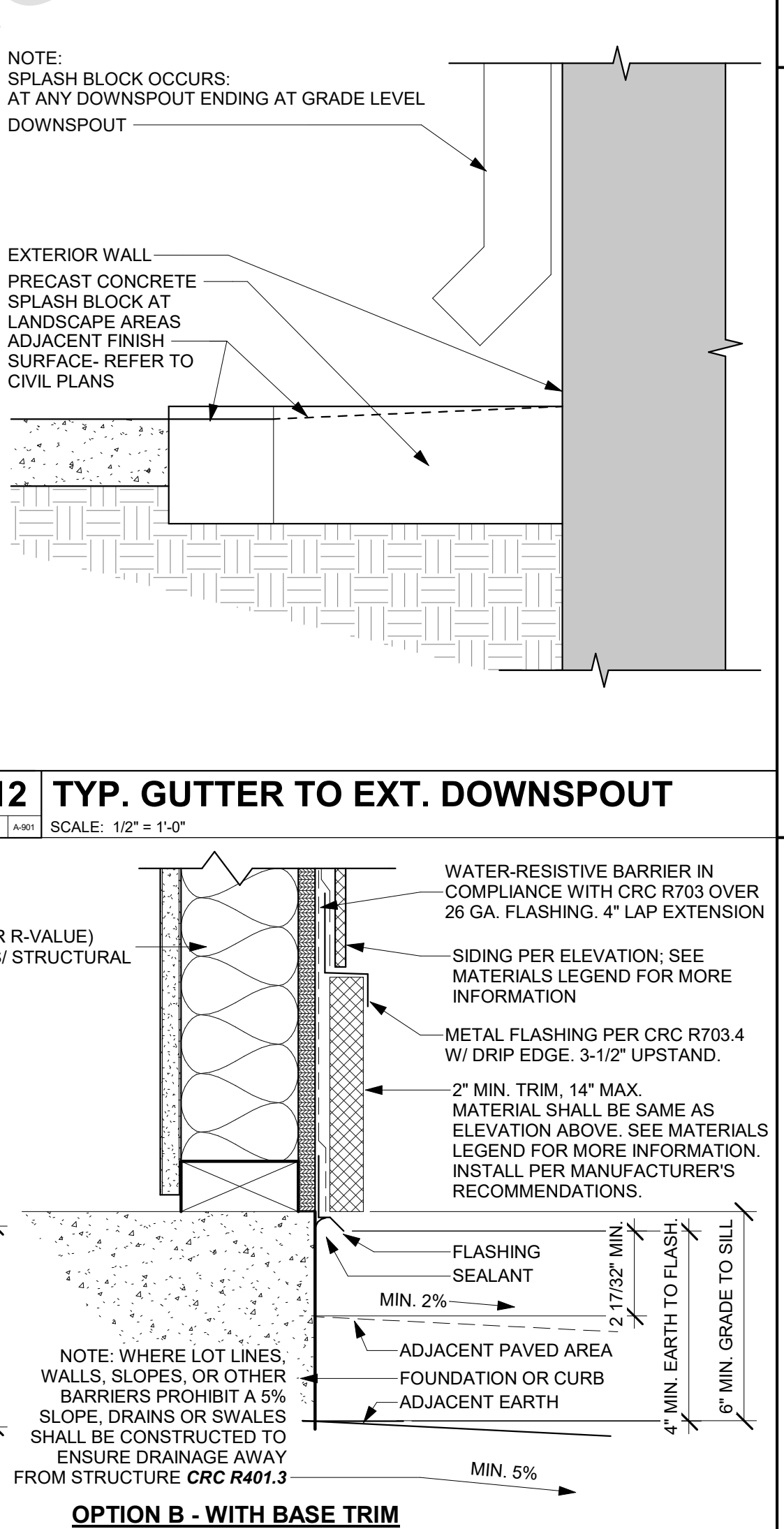
34 SHED ROOF WITH KICKER
SCALE: 1" = 1'-0"



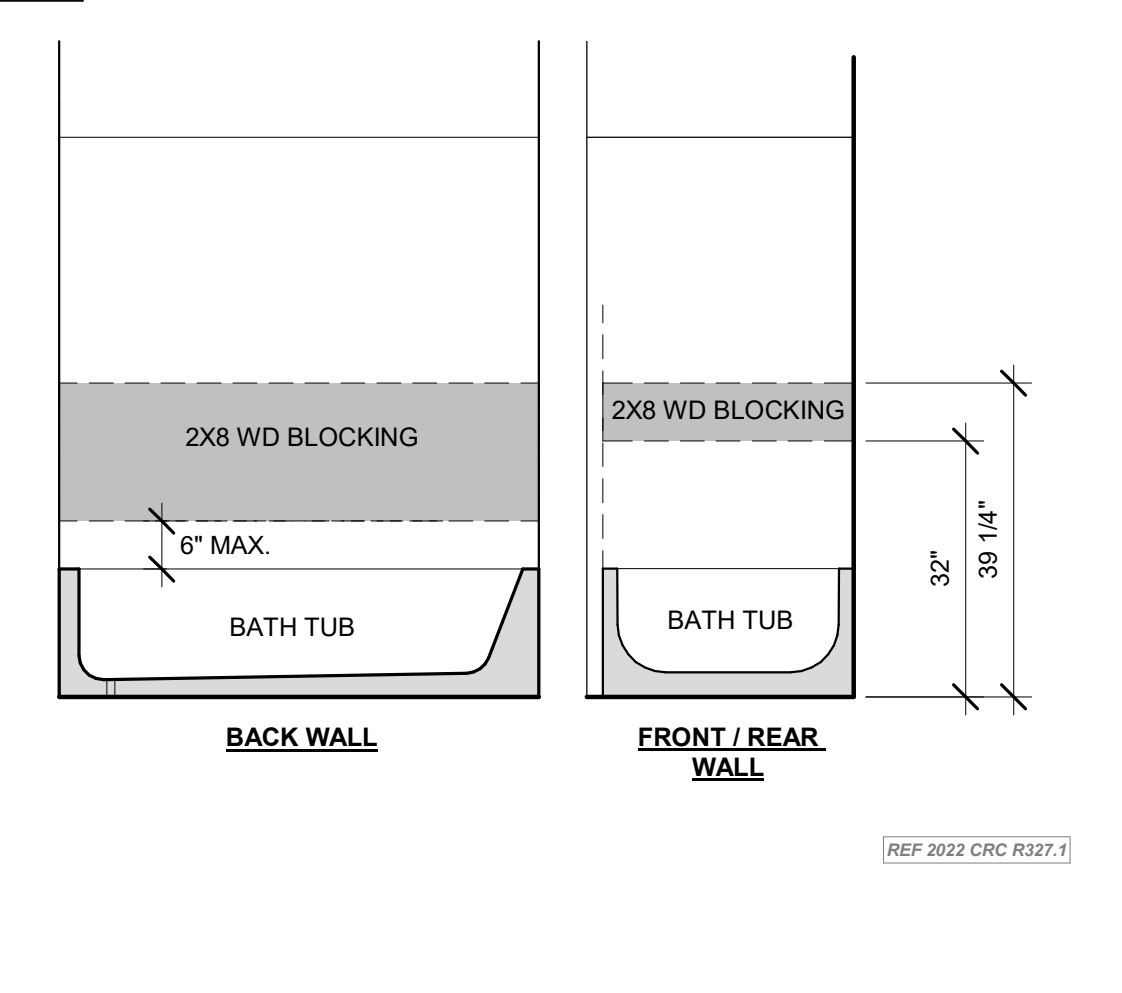
23 TYP. FOUNDATION
SCALE: 3" = 1'-0"



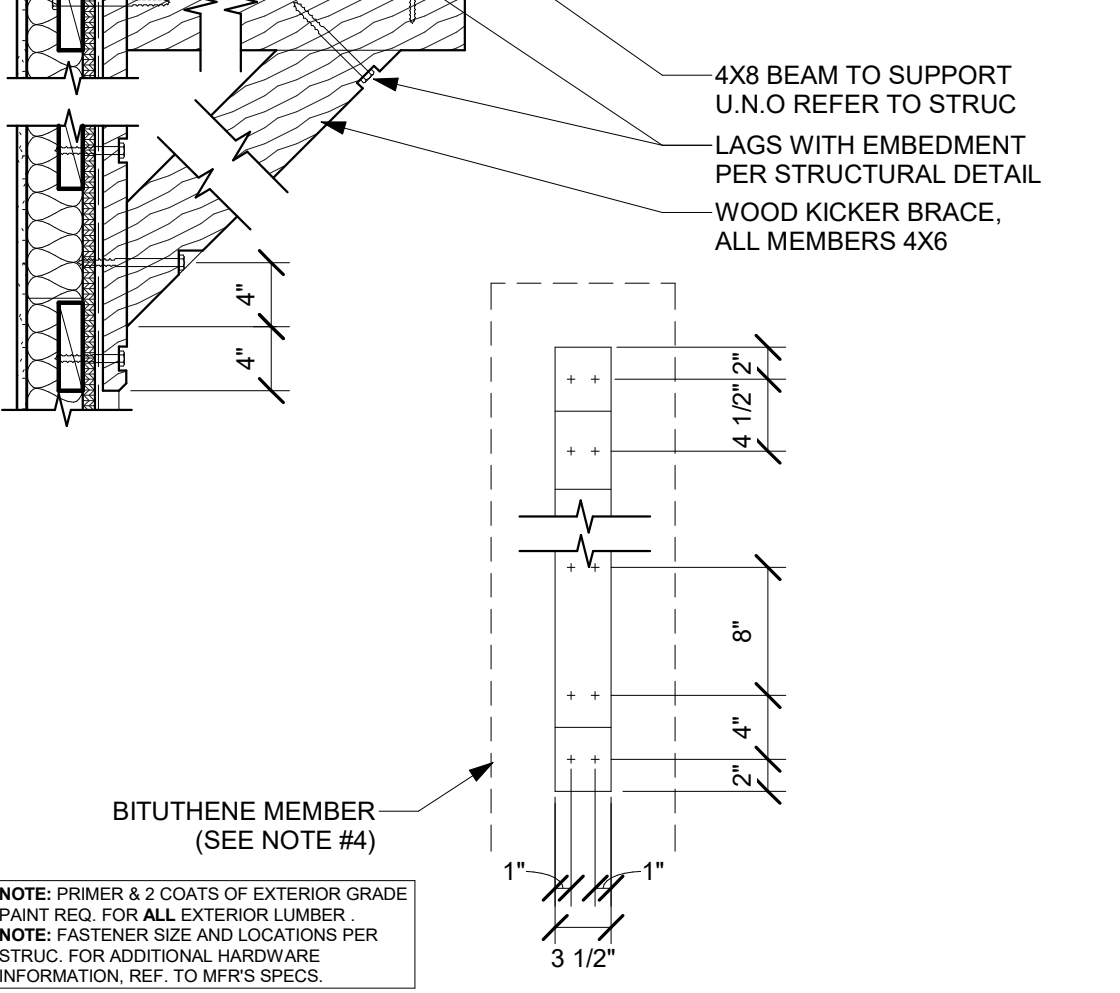
25 TYP. FOUNDATION @ HORIZONTAL LAP SIDING
SCALE: 3" = 1'-0"



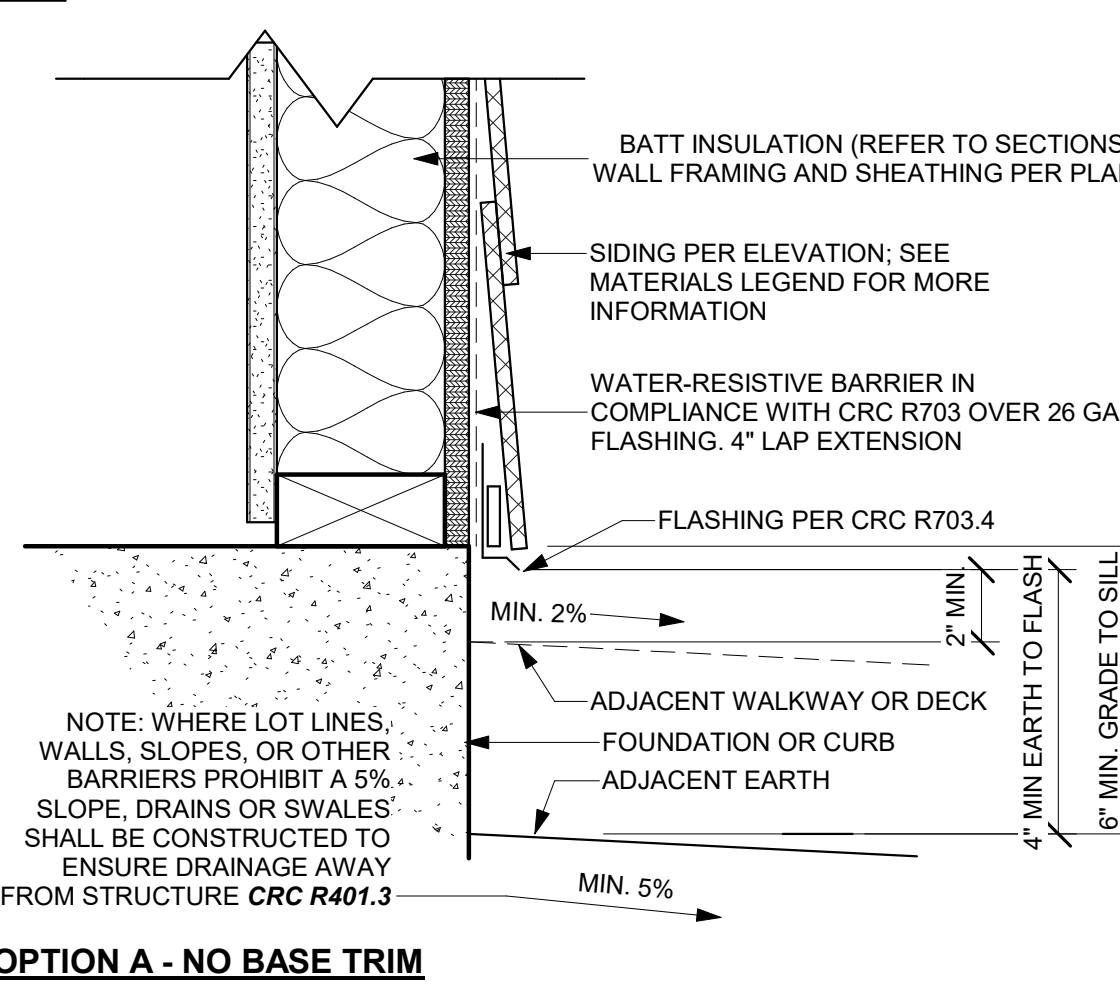
54 TOILET BLOCKING - AGING-IN-PLACE
SCALE: 1/2" = 1'-0"



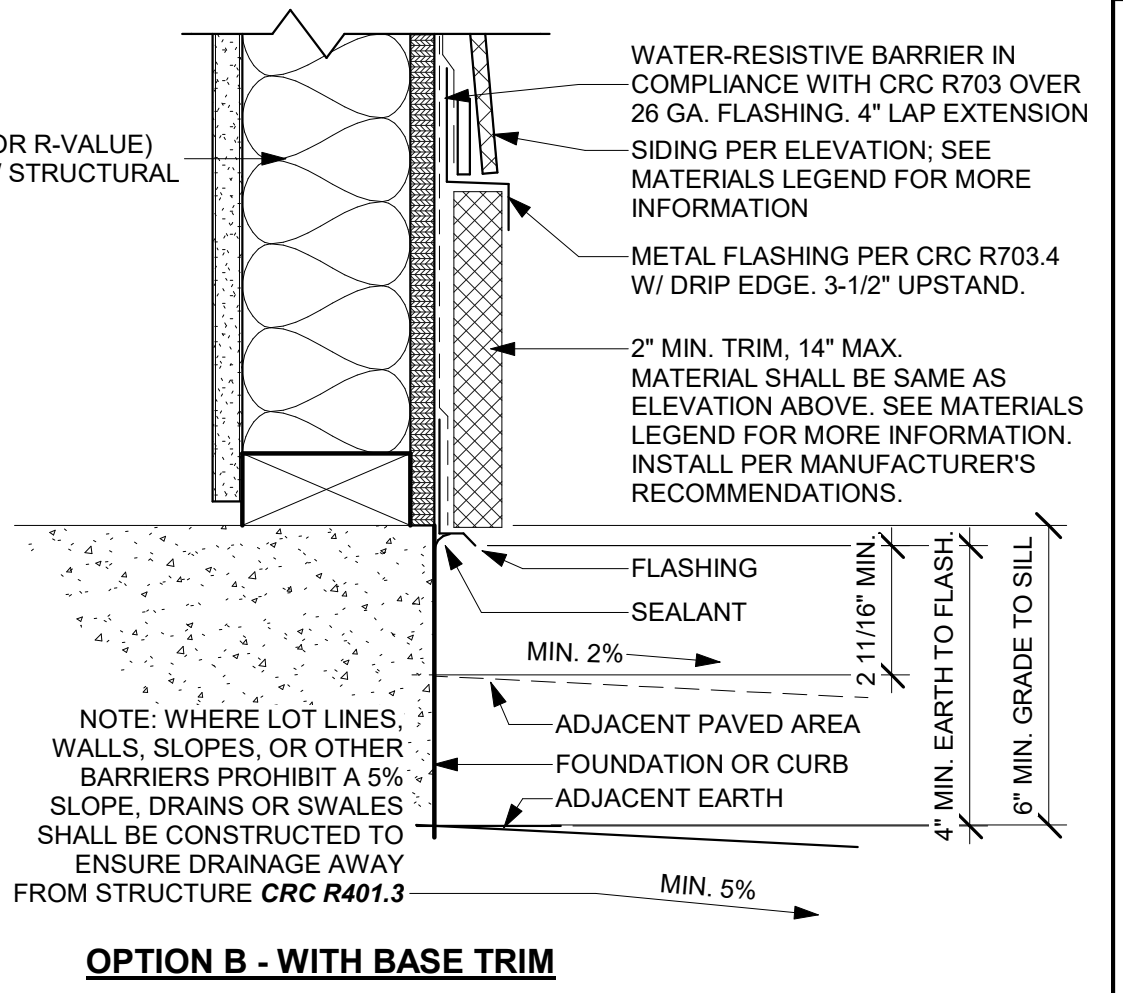
44 TUB BLOCKING - AGING-IN-PLACE
SCALE: 1/2" = 1'-0"



25 TYP. FOUNDATION @ HORIZONTAL LAP SIDING
SCALE: 3" = 1'-0"



25 TYP. FOUNDATION @ HORIZONTAL LAP SIDING
SCALE: 3" = 1'-0"



25 TYP. FOUNDATION @ HORIZONTAL LAP SIDING
SCALE: 3" = 1'-0"



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COUNTY OF SAN LUIS OBISPO
ACCESSORY DWELLING UNIT
SAN LUIS OBISPO, CA

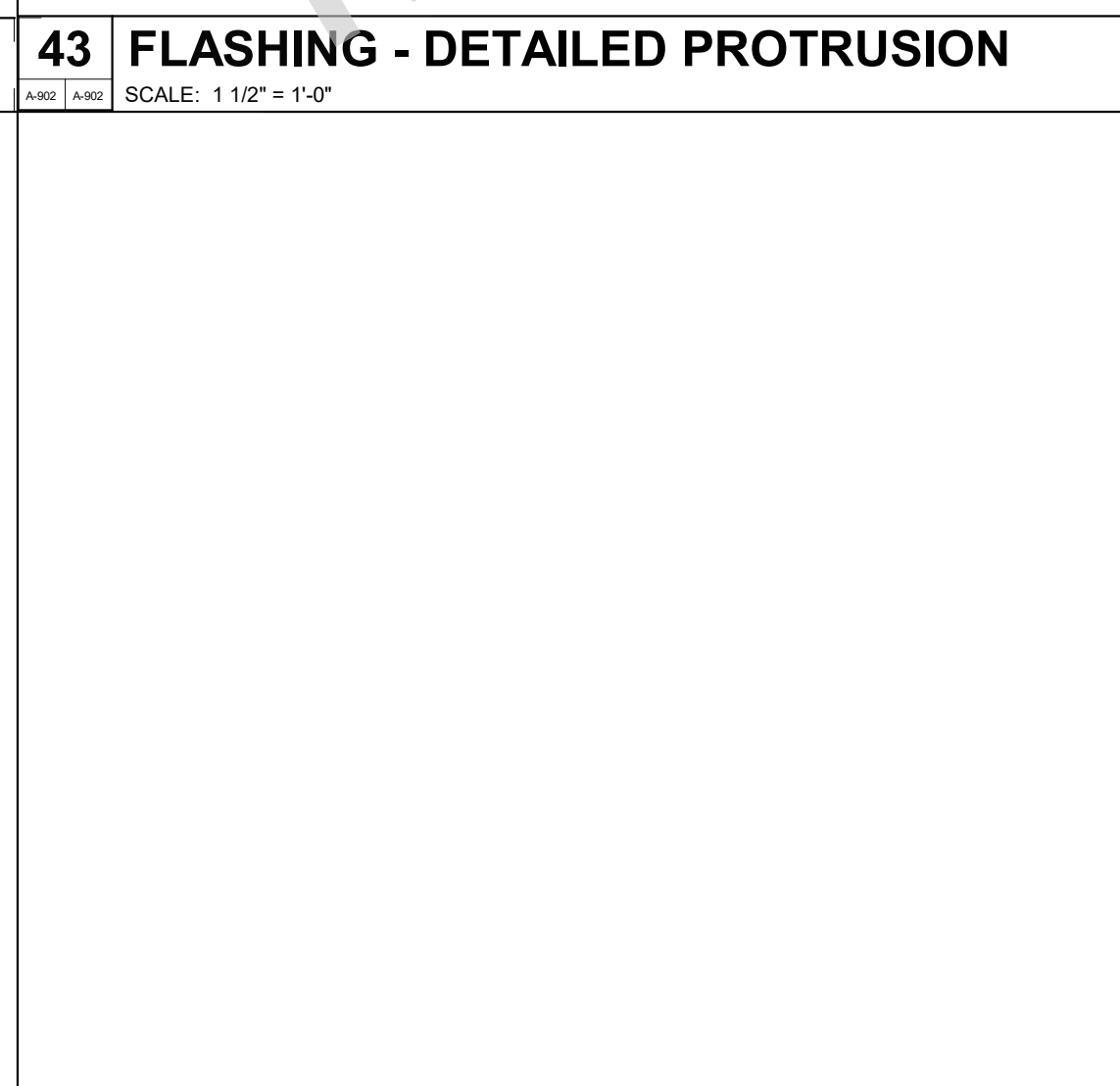
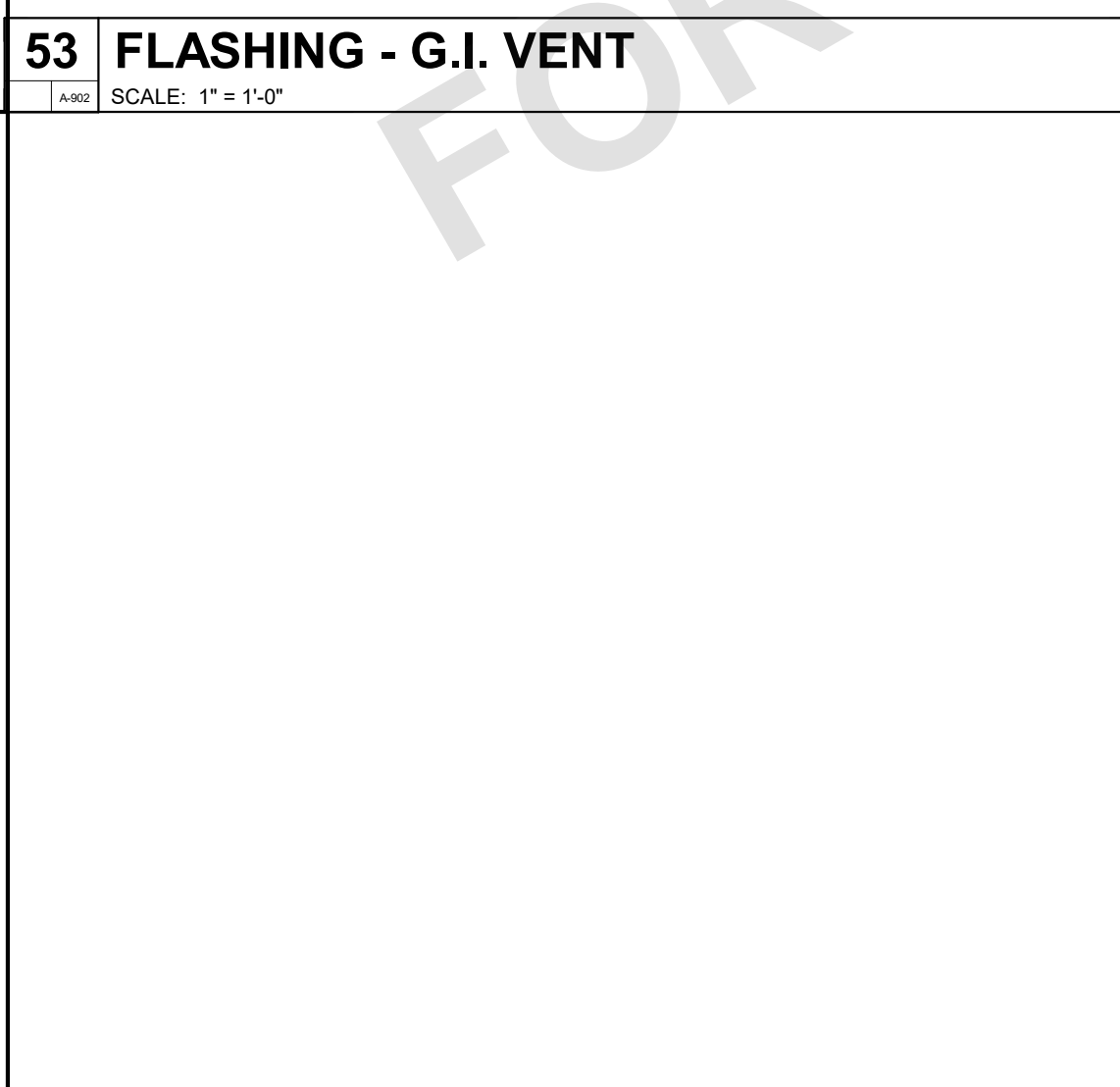
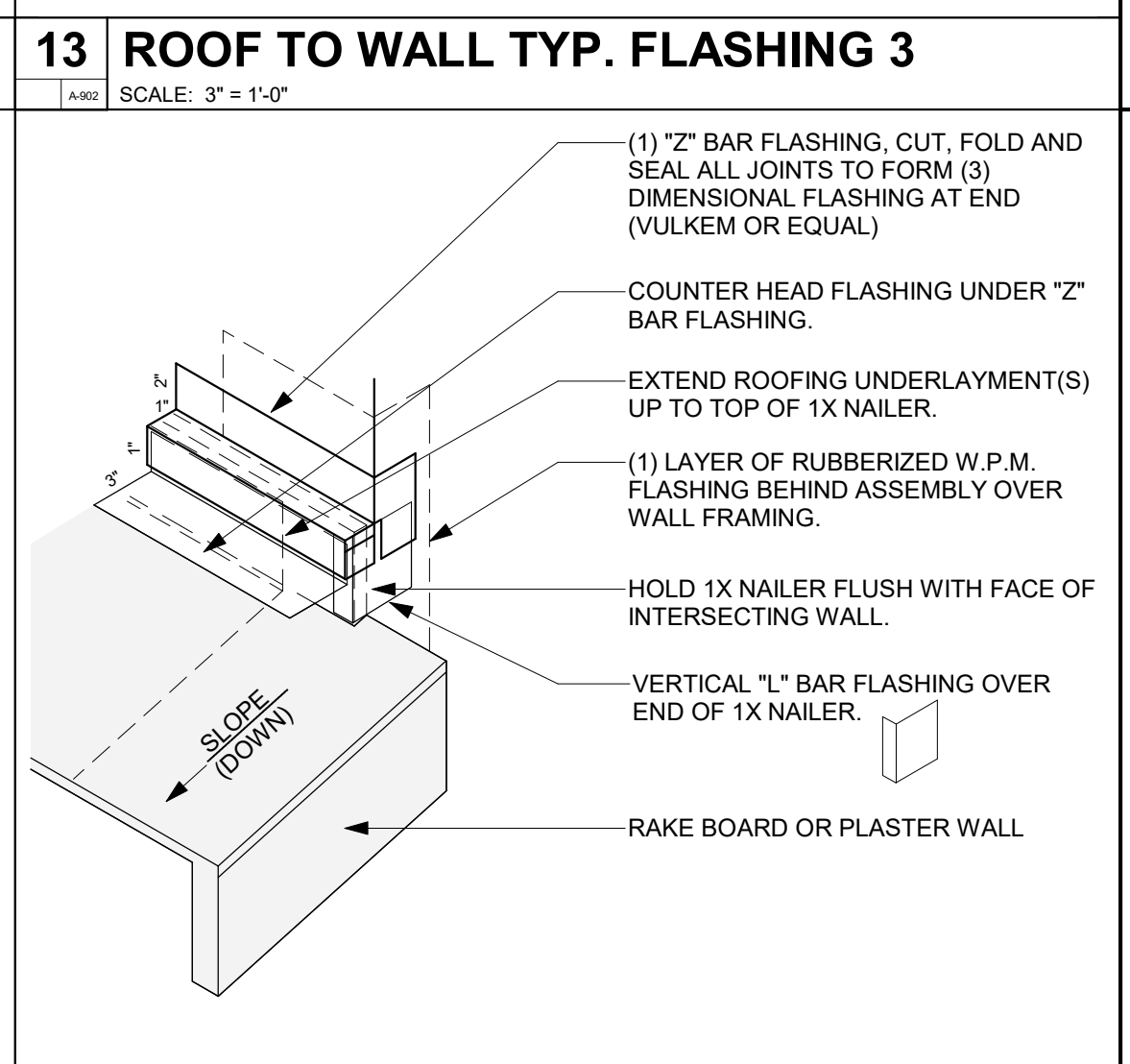
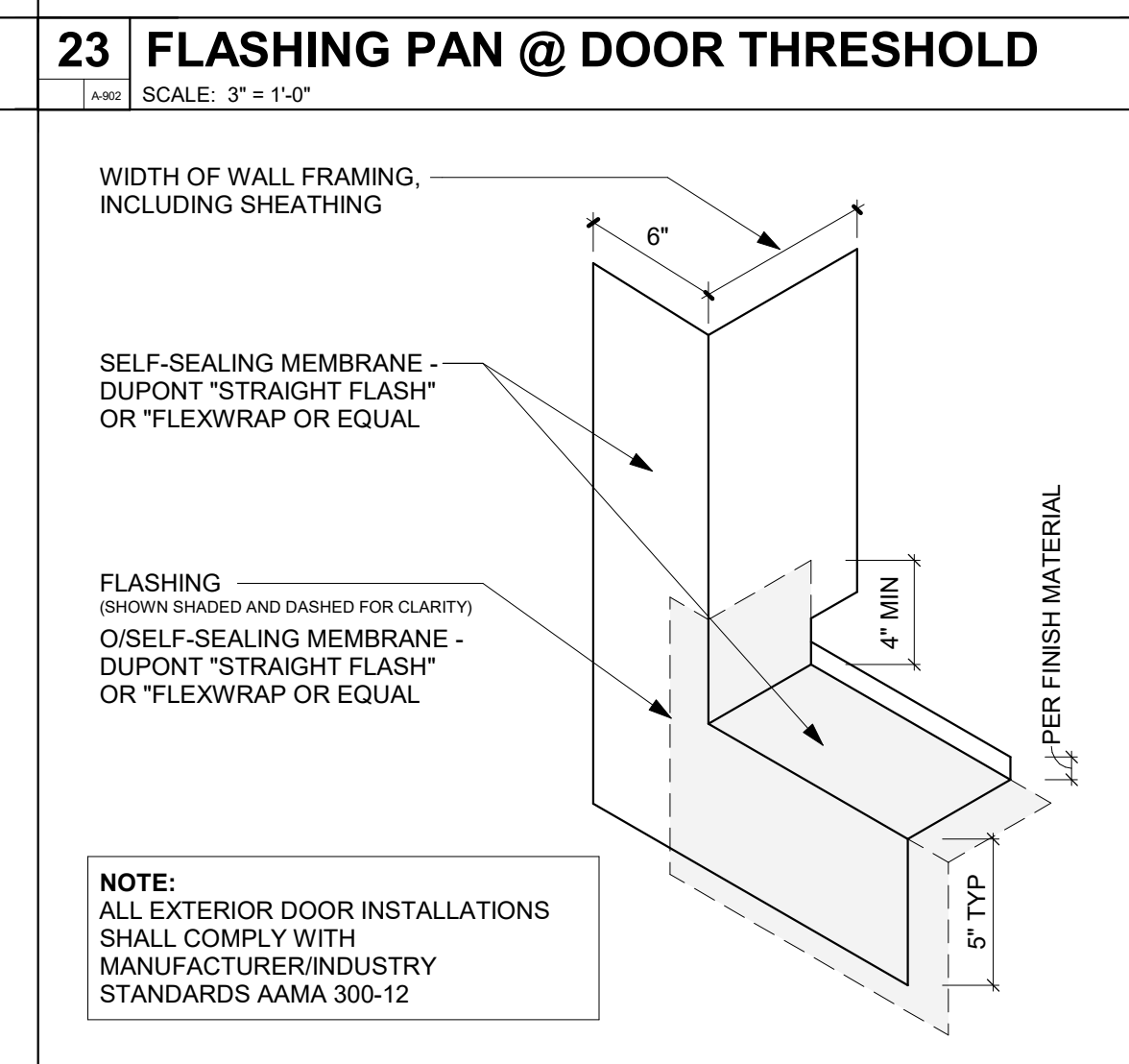
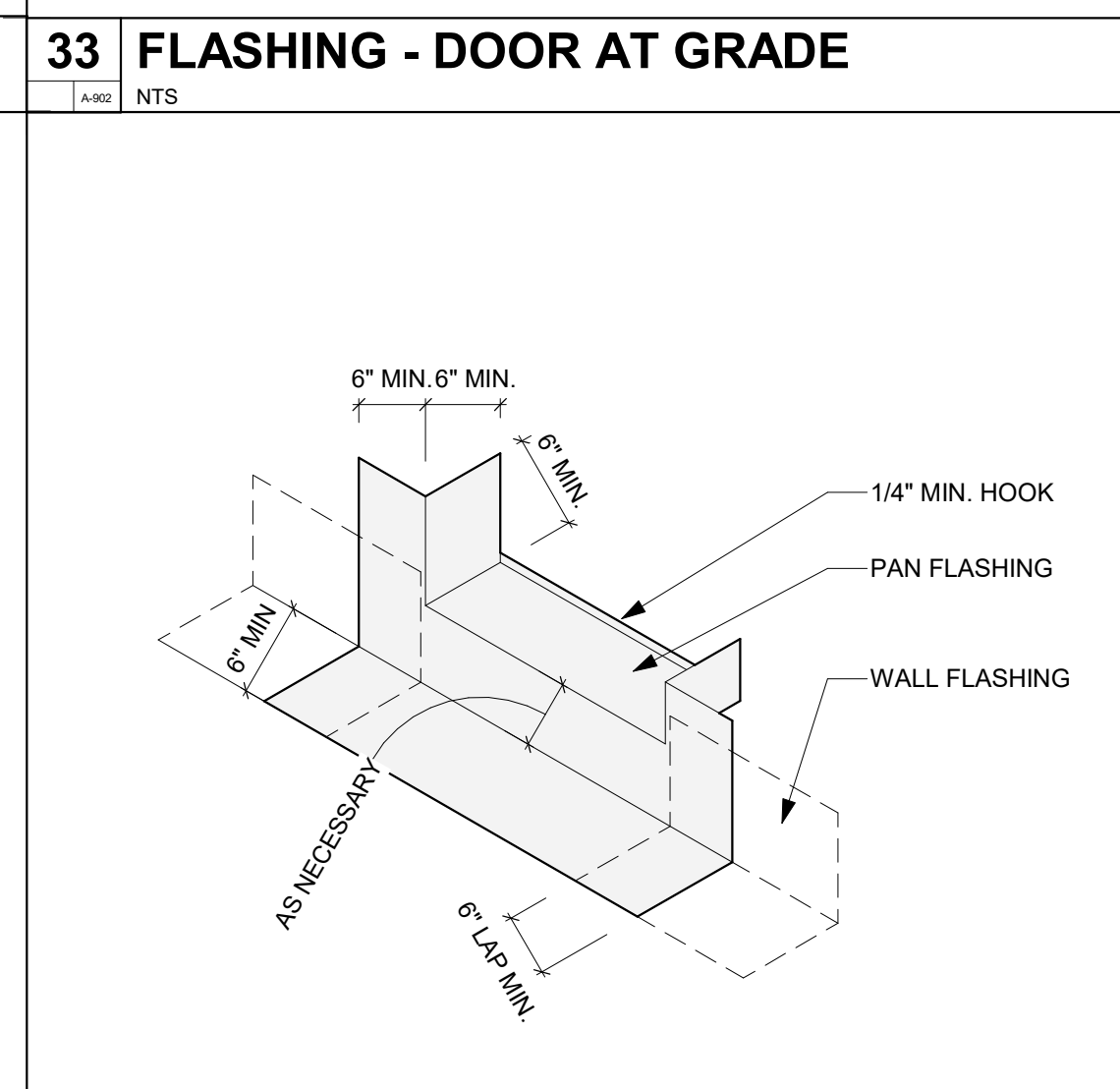
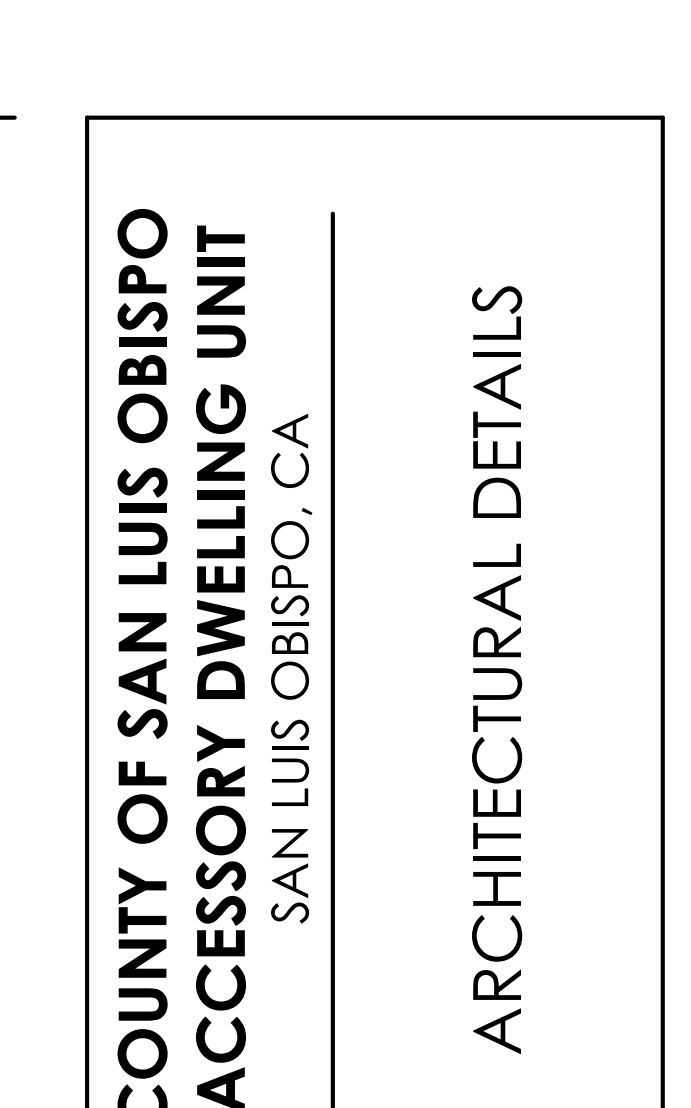
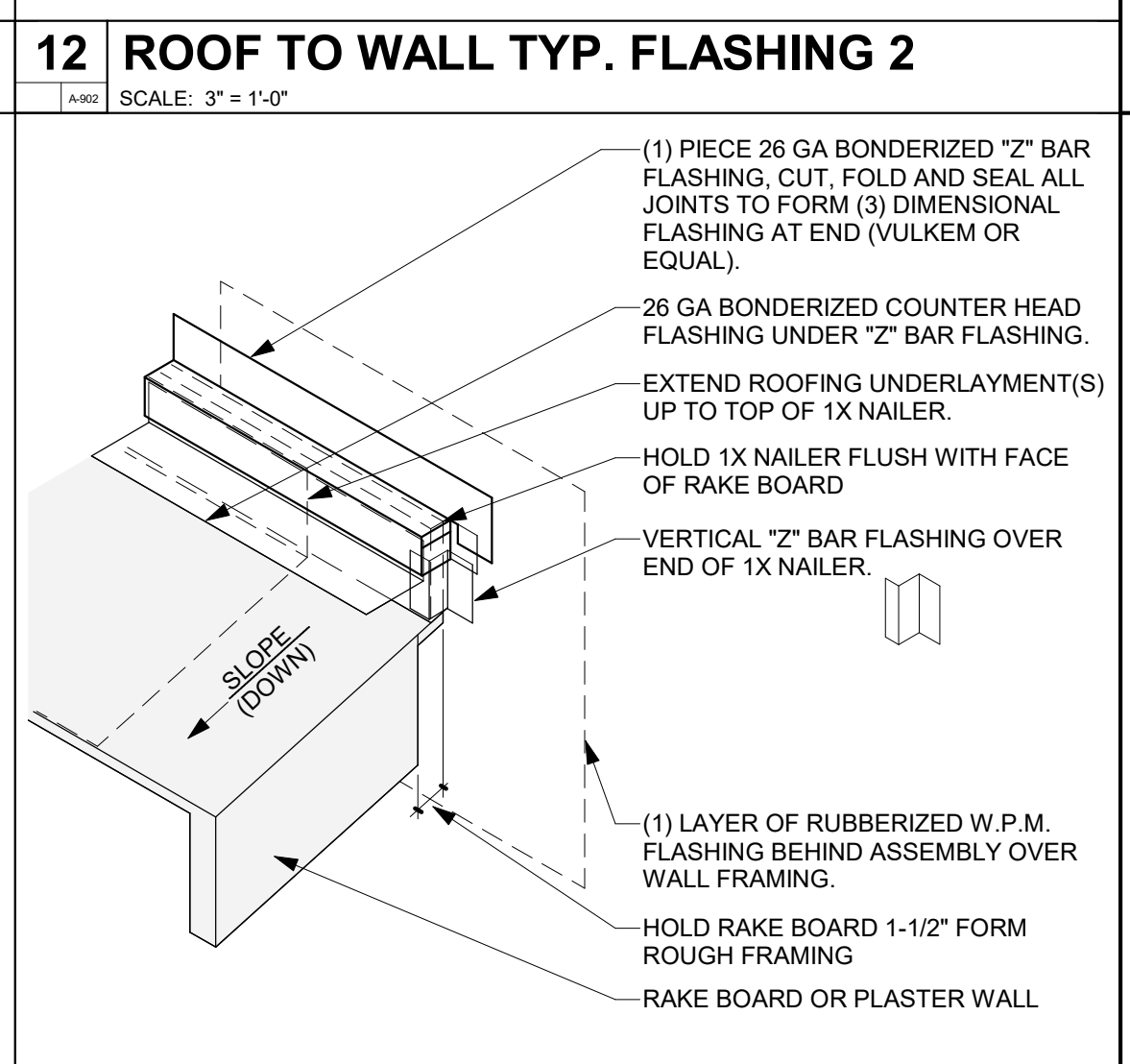
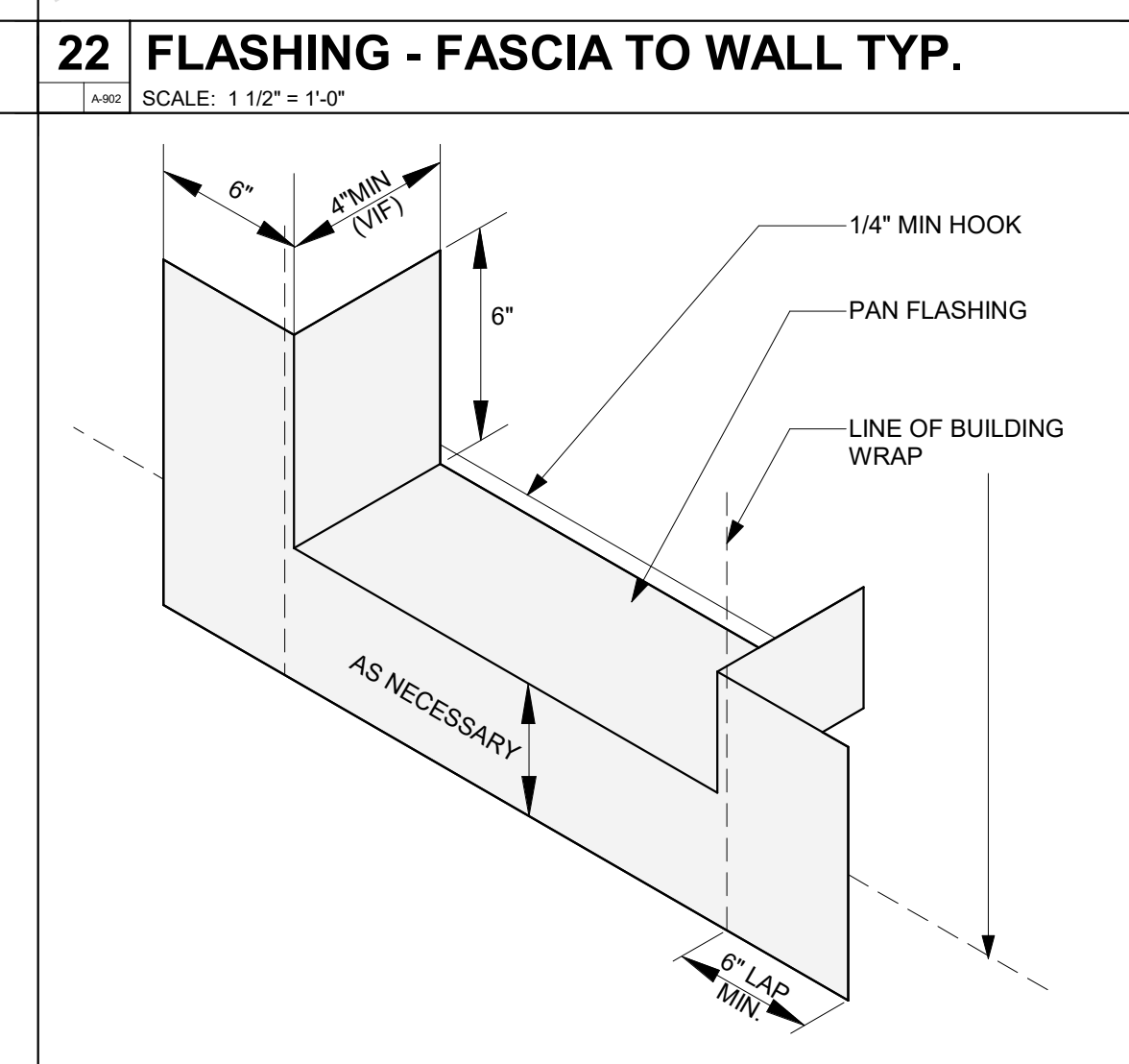
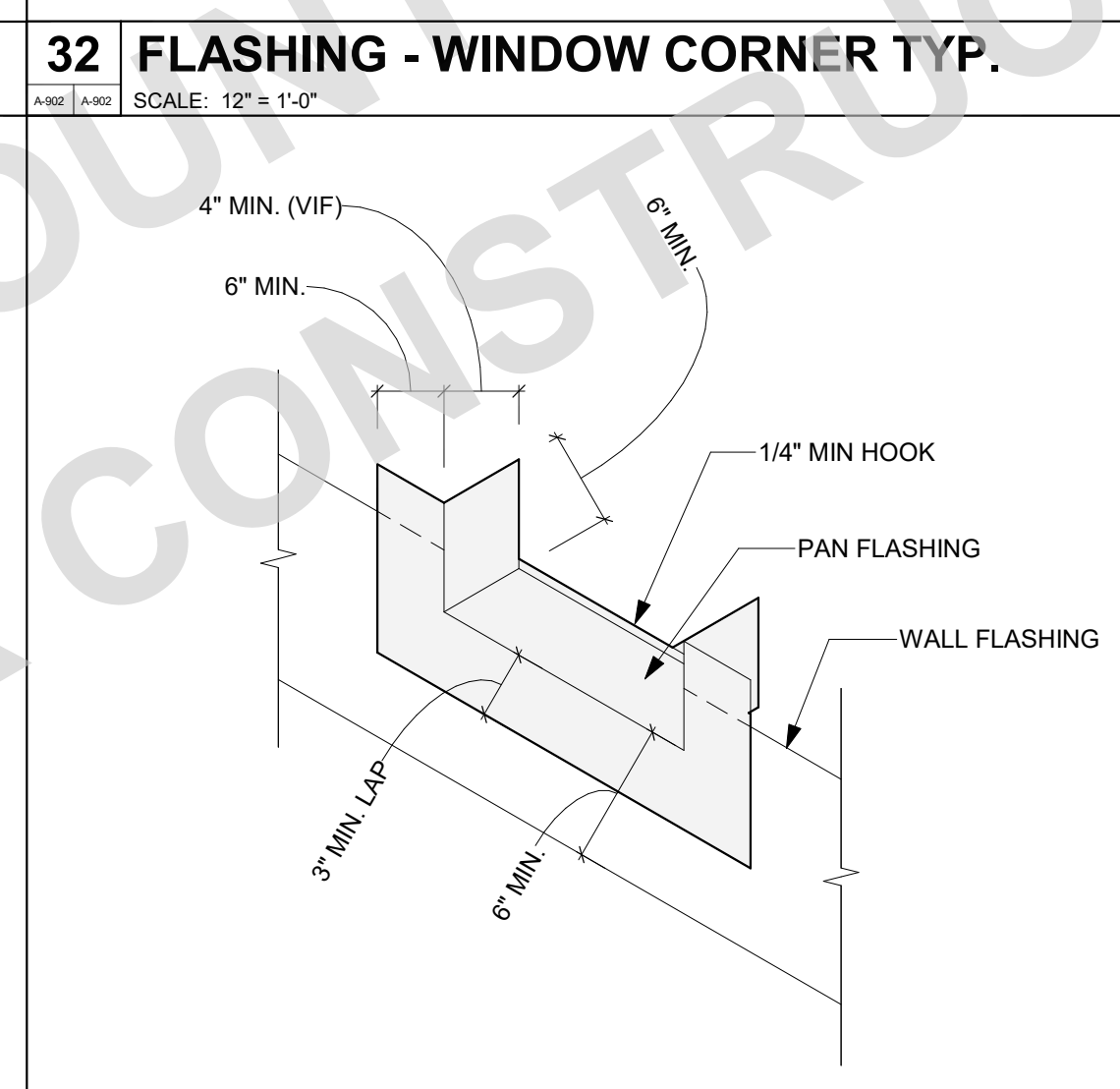
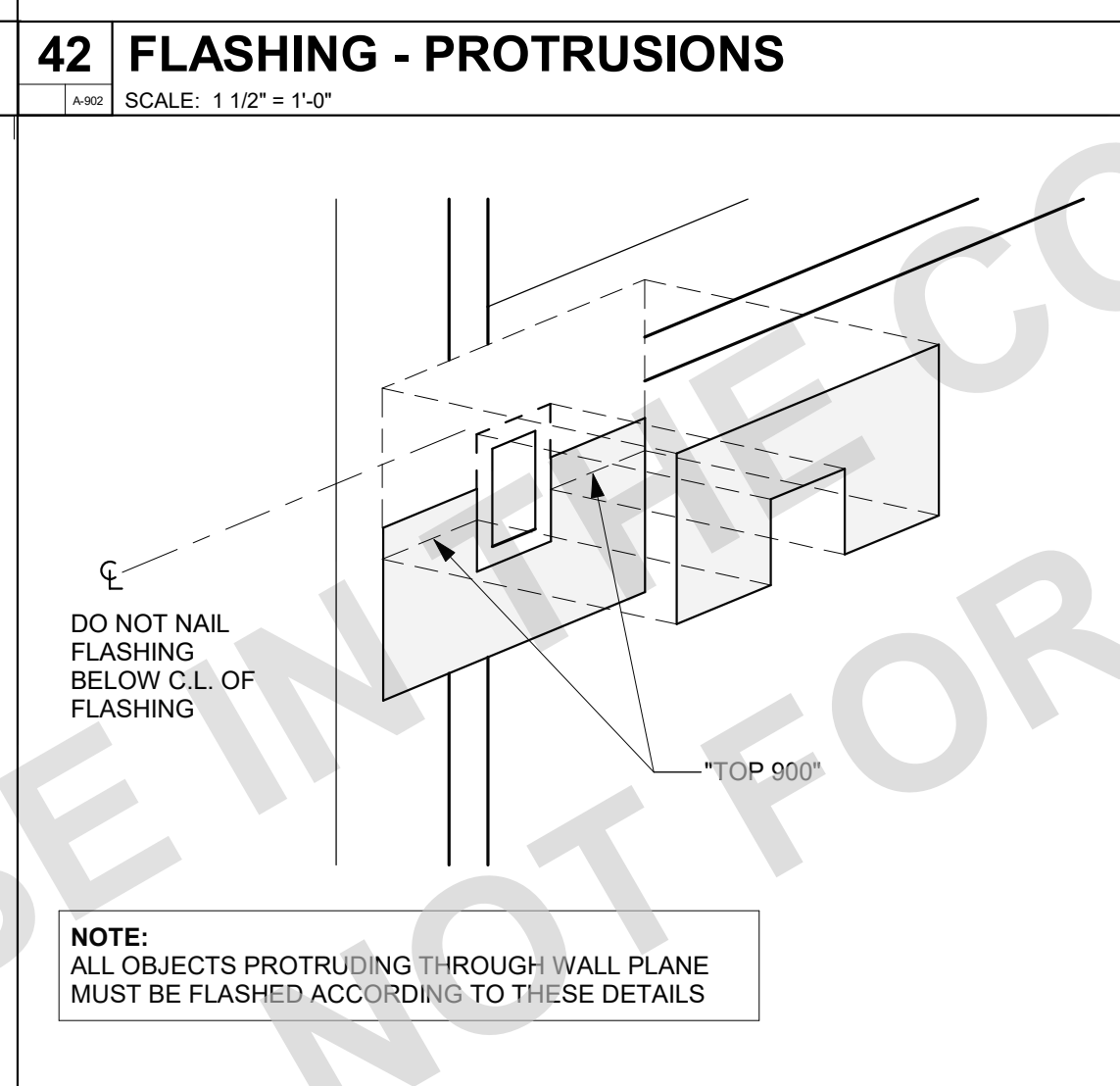
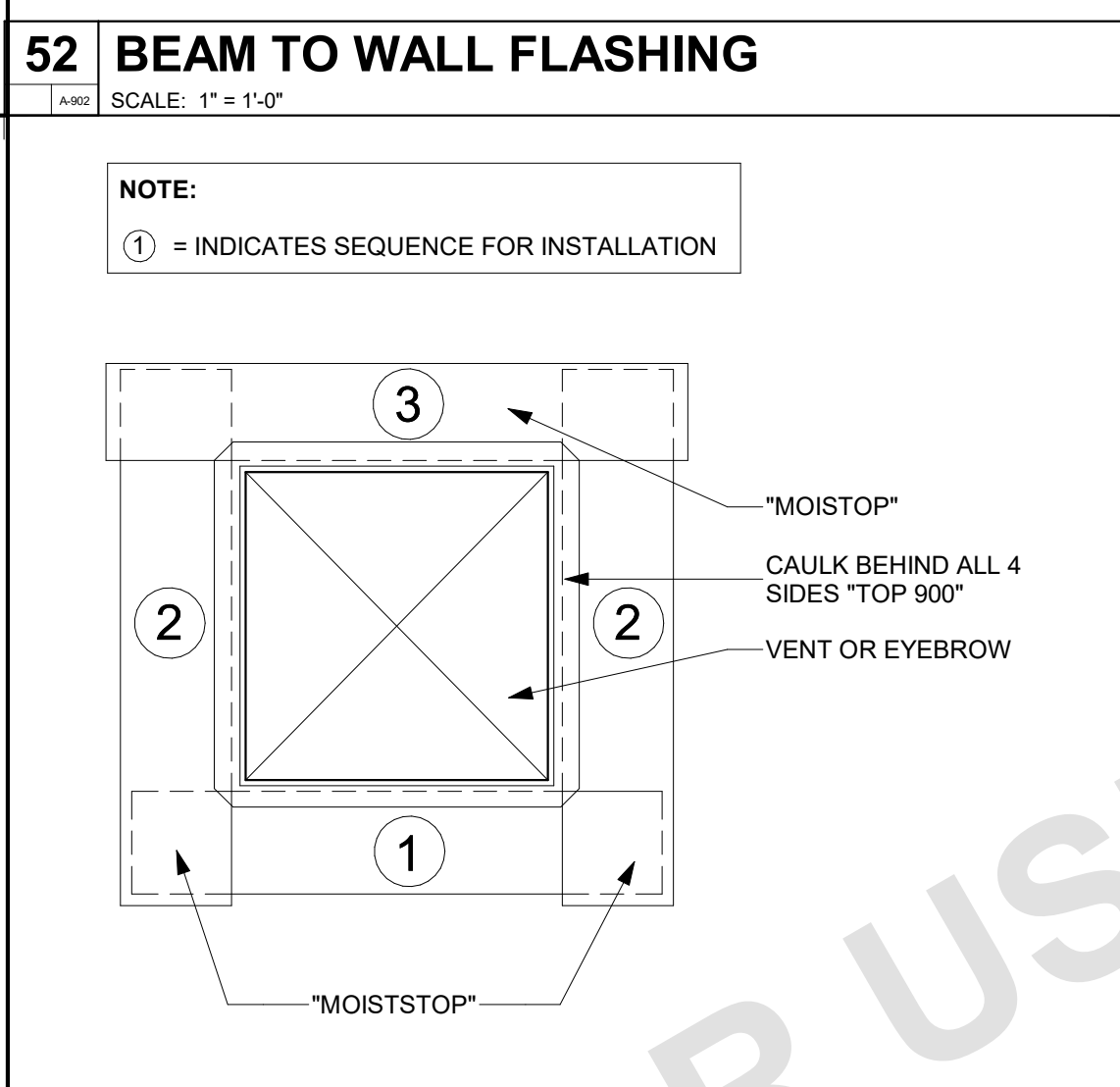
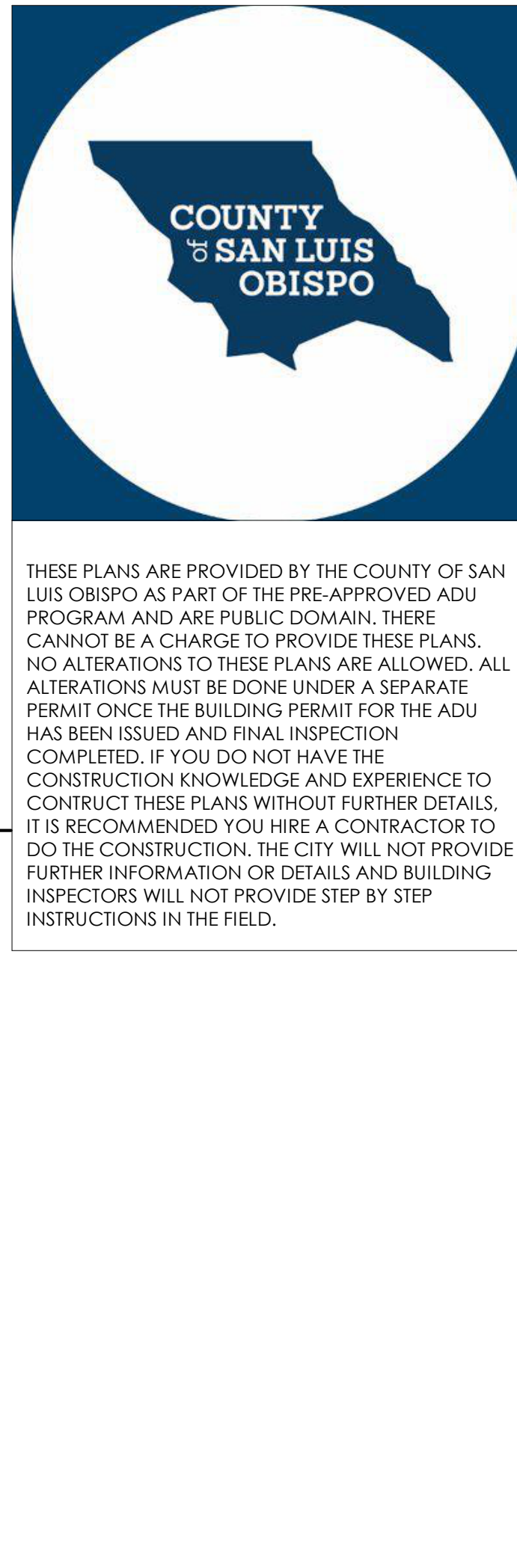
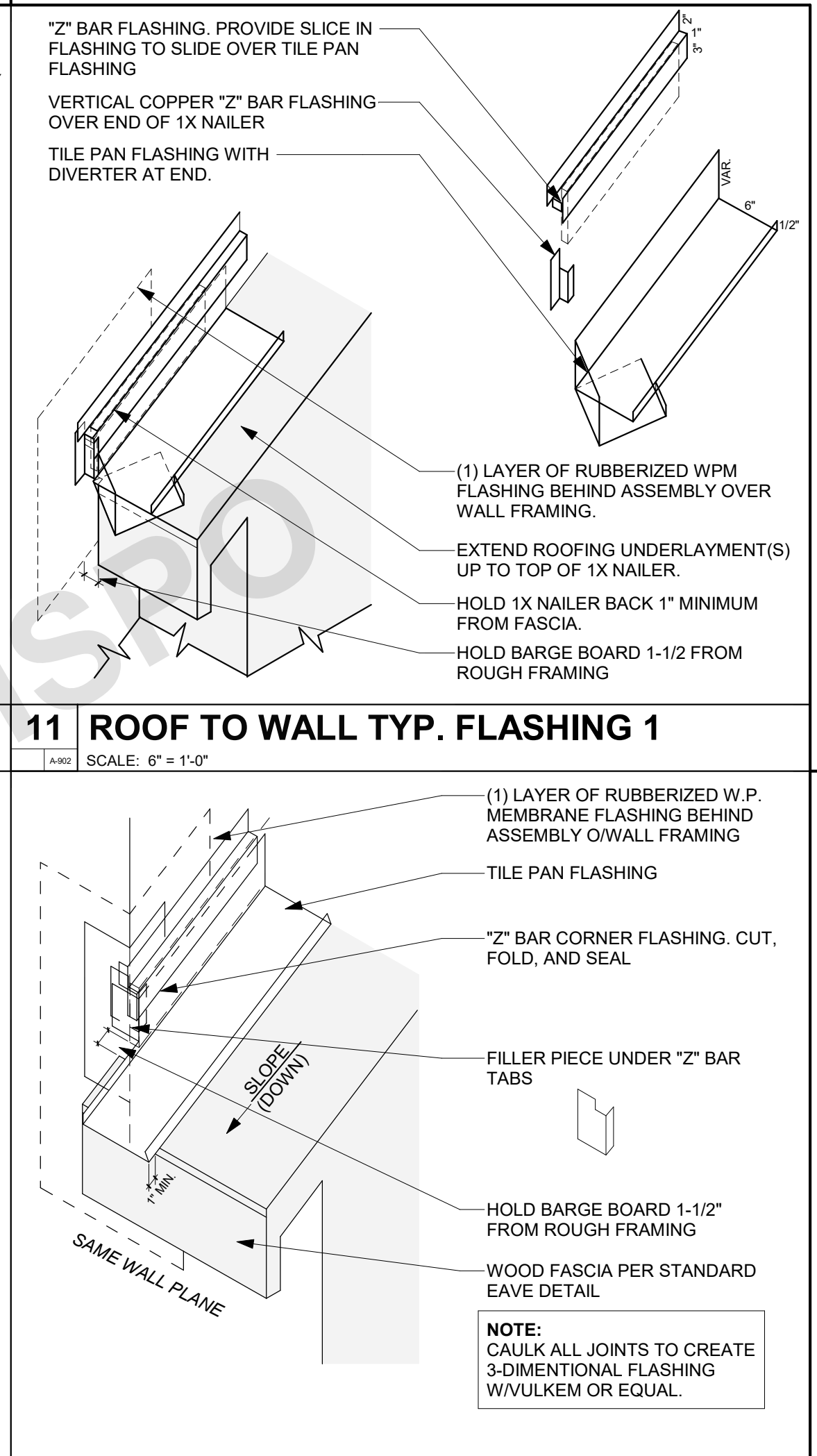
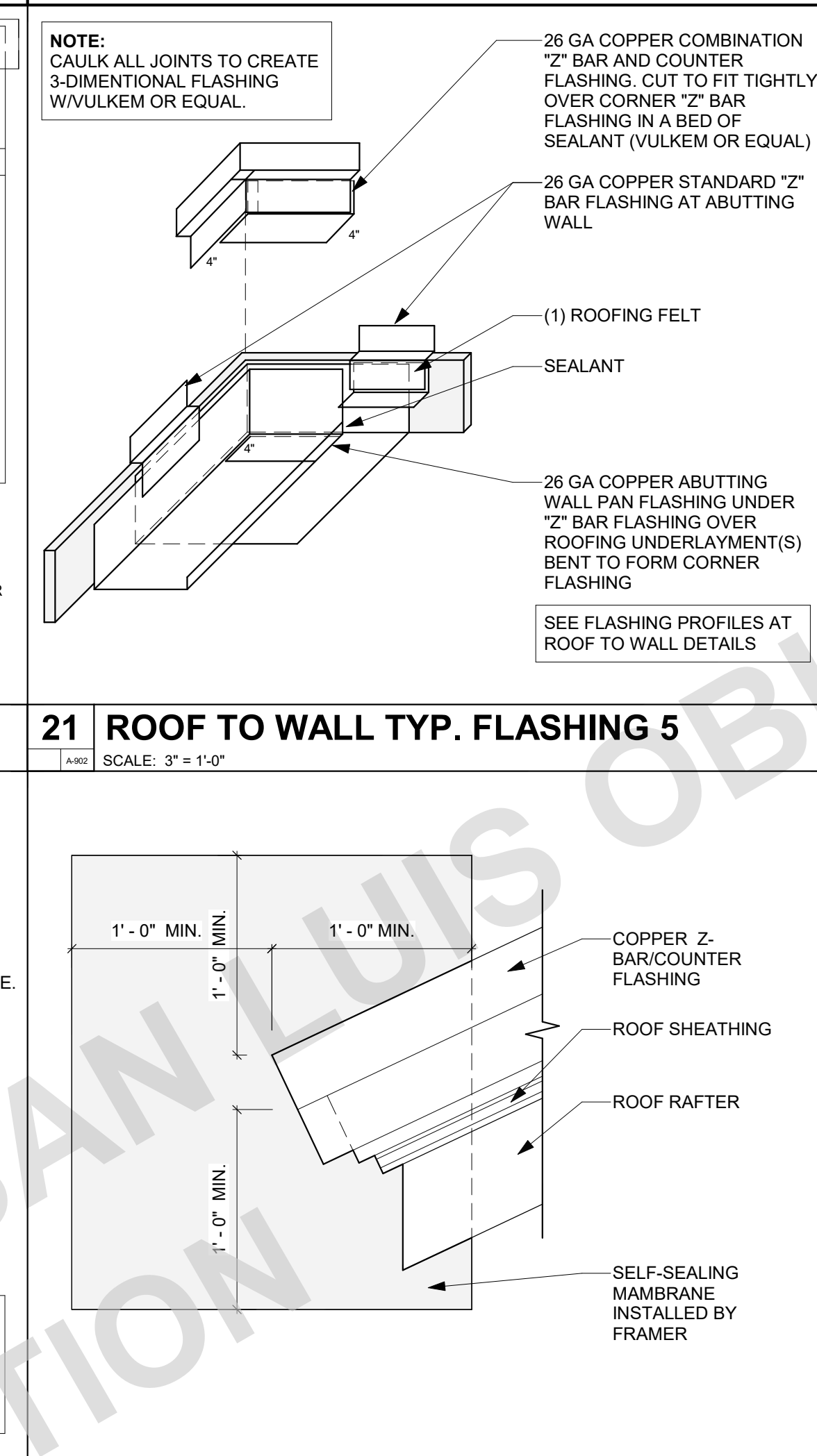
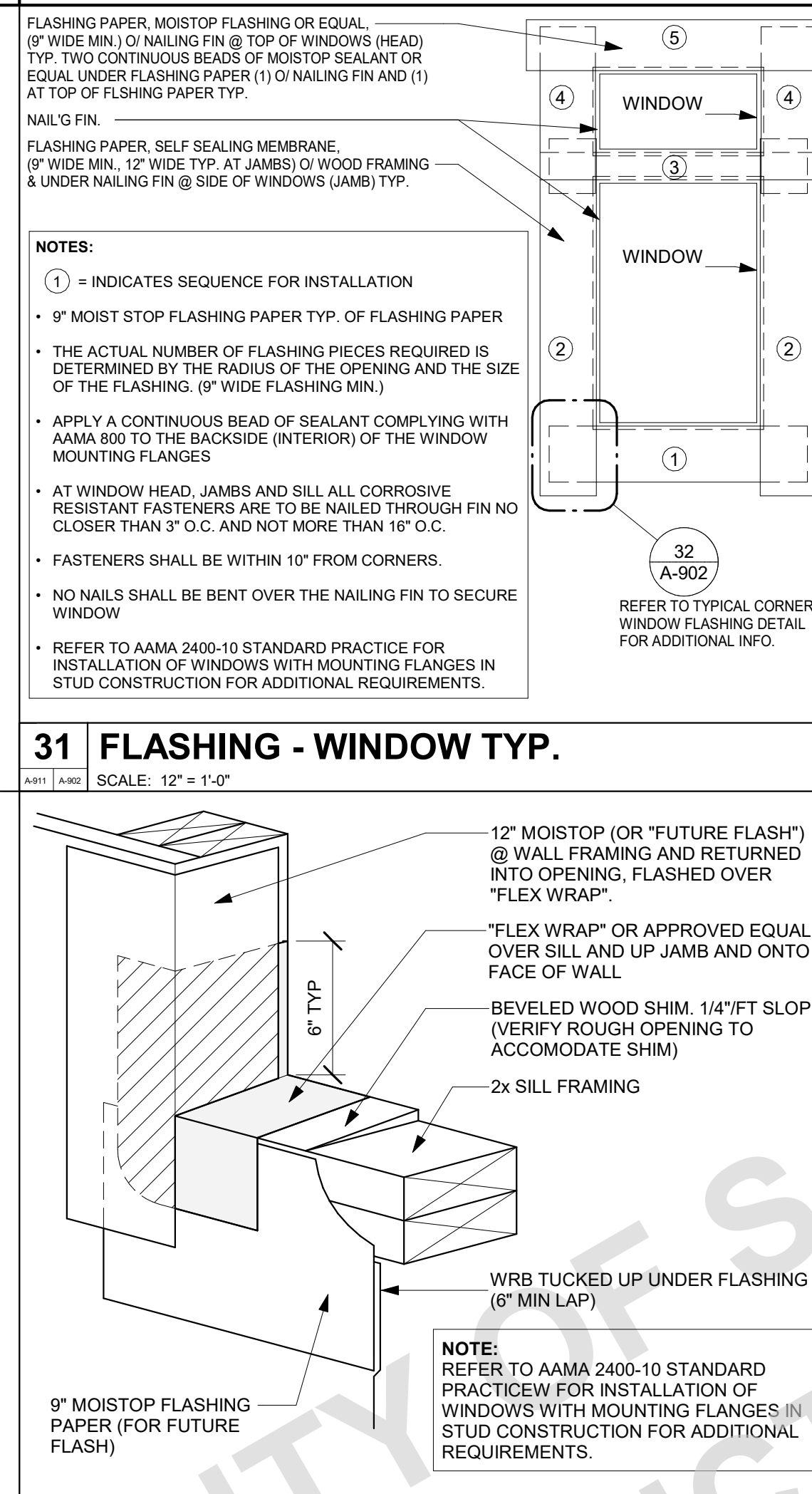
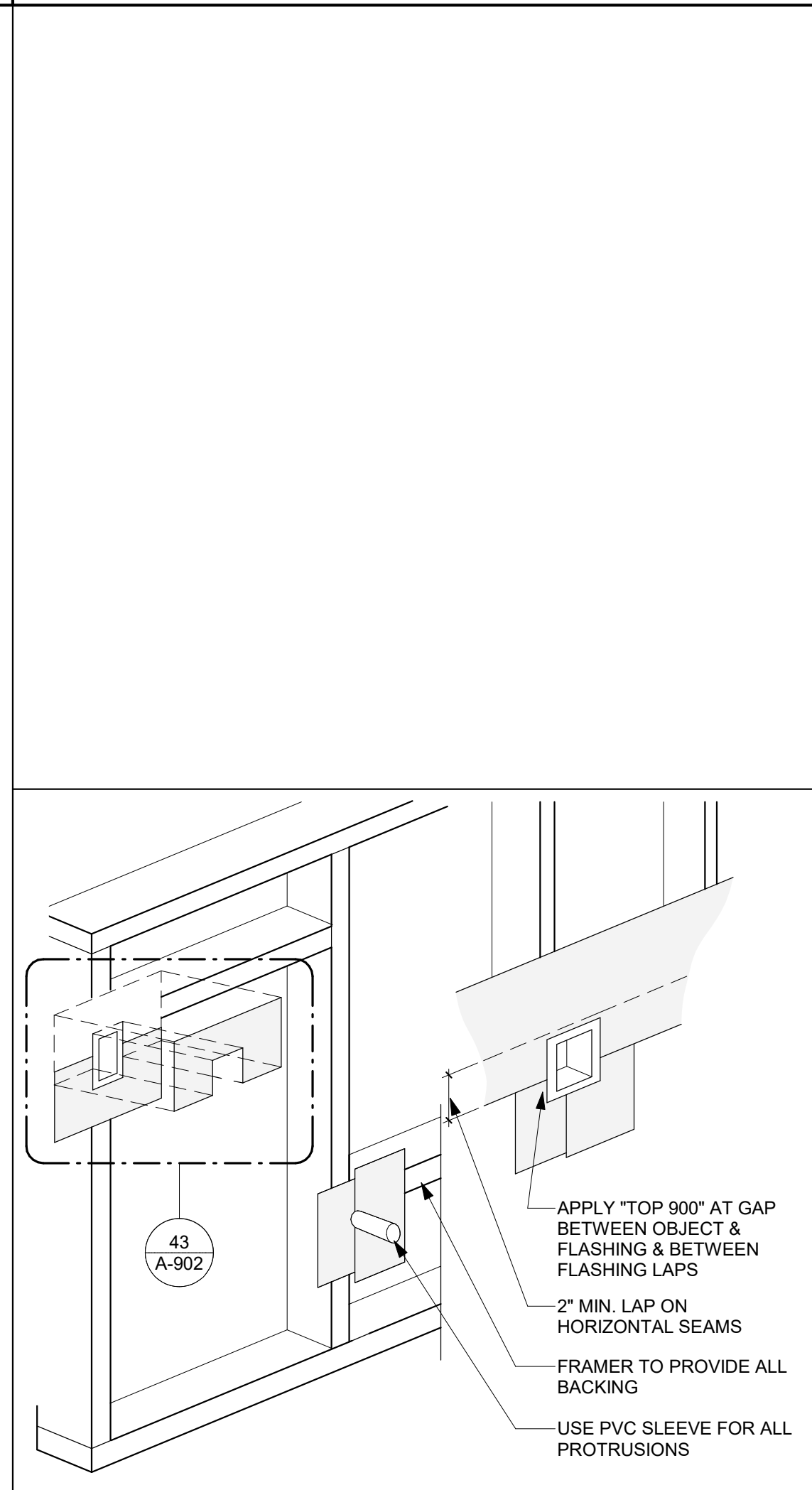
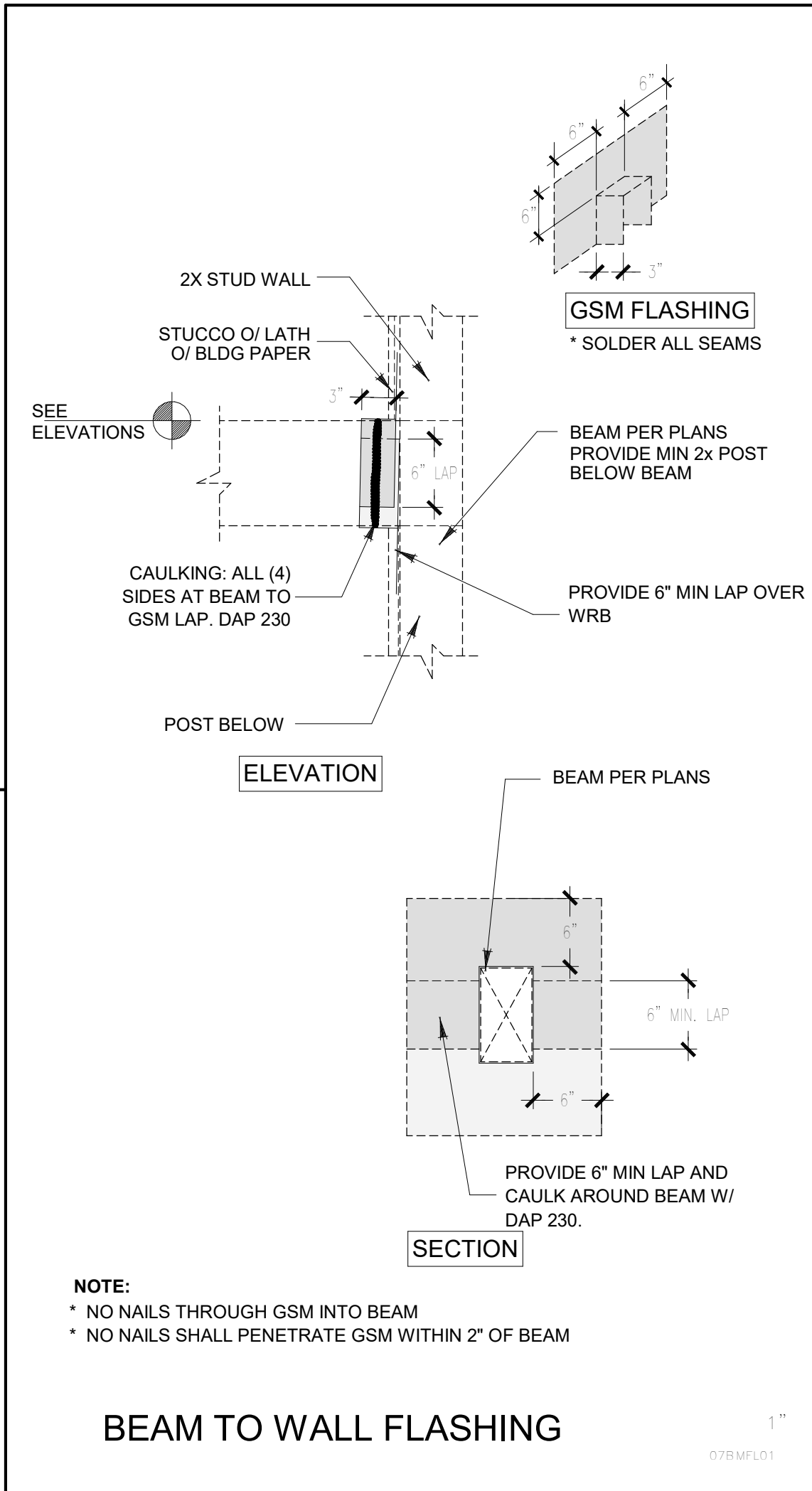
ARCHITECTURAL DETAILS

DATE
09/28/2023
SHEET

A-901



THESE PLANS ARE PROVIDED BY THE COUNTY OF SAN LUIS OBISPO AS PART OF THE PRE-APPROVED ADU PROGRAM AND ARE PUBLIC DOMAIN. THERE CANNOT BE A CHARGE TO PROVIDE THESE PLANS. NO ALTERATIONS TO THESE PLANS ARE ALLOWED. ALL ALTERATIONS MUST BE DONE UNDER A SEPARATE PERMIT ONCE THE BUILDING PERMIT FOR THE ADU HAS BEEN ISSUED AND FINAL INSPECTION COMPLETED. IF YOU DO NOT HAVE THE CONSTRUCTION KNOWLEDGE AND EXPERIENCE TO CONTRIBUTE THESE PLANS WITHOUT FURTHER DETAILS, IT IS RECOMMENDED YOU HIRE A CONTRACTOR TO DO THE CONSTRUCTION. THE CITY WILL NOT PROVIDE FURTHER INFORMATION OR DETAILS AND BUILDING INSPECTORS WILL NOT PROVIDE STEP BY STEP INSTRUCTIONS IN THE FIELD.



COUNTY OF SAN LUIS OBISPO
ACCESSORY DWELLING UNIT
SAN LUIS OBISPO, CA

ARCHITECTURAL DETAILS

DATE
09/28/2023

SHEET

A-902



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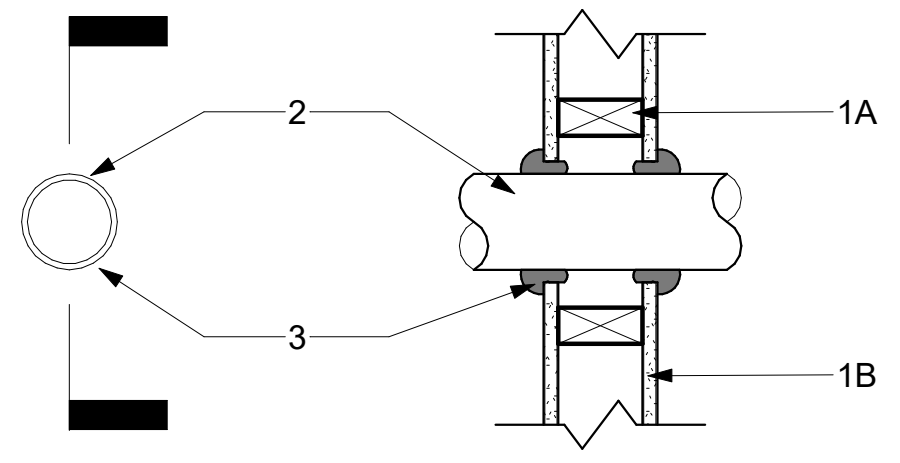
COUNTY OF SAN LUIS OBISPO
ACCESSORY DWELLING UNIT
SAN LUIS OBISPO, CA

ARCHITECTURAL DETAILS

DATE
09/28/2023
SHEET

A-903

XHEZ.W-L-1166 WALL SYSTEM PENETRATION
F RATING - 1 AND 2 HR (SEE ITEM 1B)
T RATING - 0 HR



1. WALL ASSEMBLY
THE 1 OR 2 HR. FIRE RATED GYPSUM WALLBOARD/STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER SPECIFIED IN THE INDIVIDUAL U300 OR U400 SERIES WALL AND PARTITION DESIGNS IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:

A. STUDS-
WALL FRAMING MAY CONSIST OF EITHER WOOD STUDS OR STEEL CHANNEL STUDS. WOOD STUDS TO CONSIST OF NOM. 2 IN. BY 4 IN. LUMBER SPACED 16 IN. O.C. STEEL STUDS TO BE MIN. 3 1/2 IN. WIDE AND SPACED MAX. 24 IN. O.C.

B. GYPSUM BOARD (BEARING THE UL CLASSIFICATION MARKING)-
THICKNESS, TYPE, NUMBER OF LAYERS AND FASTENERS AS REQUIRED IN THE INDIVIDUAL WALL AND PARTITION DESIGN. MAX. DIAM. OF OPENING IS 5 IN.

THE HOURLY F RATING OF THE FIRESTOP SYSTEM IS EQUAL TO THE HOURLY FIRE RATING OF THE WALL ASSEMBLY IN WHICH IT IS INSTALLED.

2. THROUGH-PENETRANTS
ONE METALLIC PIPE, CONDUIT OR TUBING INSTALLED EITHER CONCENTRICALLY OR ECCENTRICALLY WITHIN THE FIRESTOP SYSTEM. THE ANNULAR SPACE BETWEEN THE PIPE, CONDUIT OR TUBING AND PERIPHERY OF THE OPENING SHALL BE MIN. OF 0 IN. (POINT CONTACT) TO A MAX. 1/8 IN. PIPE, CONDUIT OR TUBING TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY. THE FOLLOWING TYPES AND SIZES OF METALLIC PIPES, CONDUITS OR TUBING MAY BE USED:

A. COPPER TUBING-
NOM. 4 IN. DIAM. (OR SMALLER) TYPE M (OR HEAVIER) COPPER TUBING.

B. COPPER PIPE-
NOM. 4 IN. DIAM. (OR SMALLER) REGULAR (OR HEAVIER) COPPER PIPE.

C. STEEL PIPE-
NOM. 4 IN. DIAM. (OR SMALLER) SCHEDULE 5 (OR HEAVIER) STEEL PIPE.

D. CONDUIT-
NOM. 4 IN. DIAM. (OR SMALLER) STEEL ELECTRICAL METALLIC TUBING OR RIGID STEEL CONDUIT

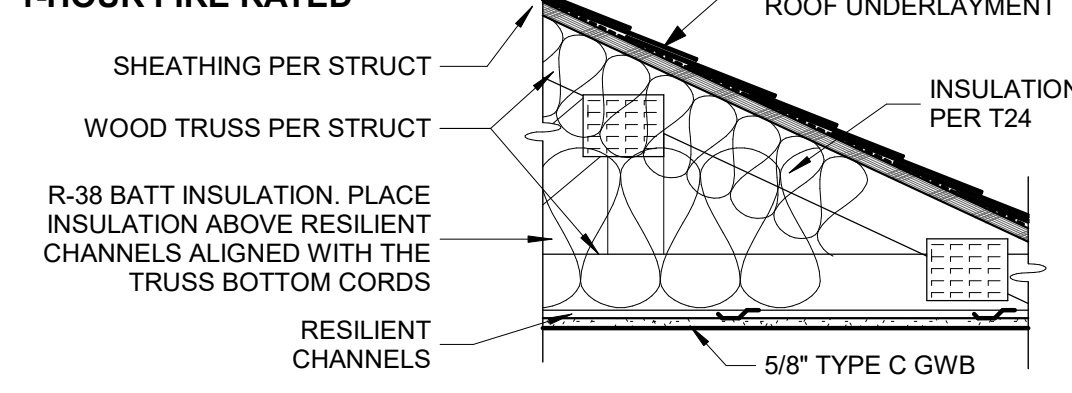
E. IRON PIPE-
NOM. 4 IN. DIAM. (OR SMALLER) CAST OR DUCTILE IRON PIPE.

3. FILL, VOID OR CAVITY MATERIALS (BEARING THE UL CLASSIFICATION MARKING) -
CAULK OR PUTTY - MIN. 1/2 IN. DIAMETER BEAD CAULK OR PUTTY APPLIED CONTINUOUSLY AROUND THE PENETRANT ON THE WALL SURFACES ON BOTH SIDES OF THE WALL.

3M COMPANY - CP 25WB+ CAULK OR MPS-2+ PUTTY

32 THROUGH PENETRATION @ WALL
SCALE: 1 1/2" = 1'-0"

GA FILE NO. RC 2606 1-HOUR FIRE RATED



R-38 BATT INSULATION. PLACE INSULATION ABOVE RESILIENT CHANNELS ALIGNED WITH THE TRUSS BOTTOM CORDS

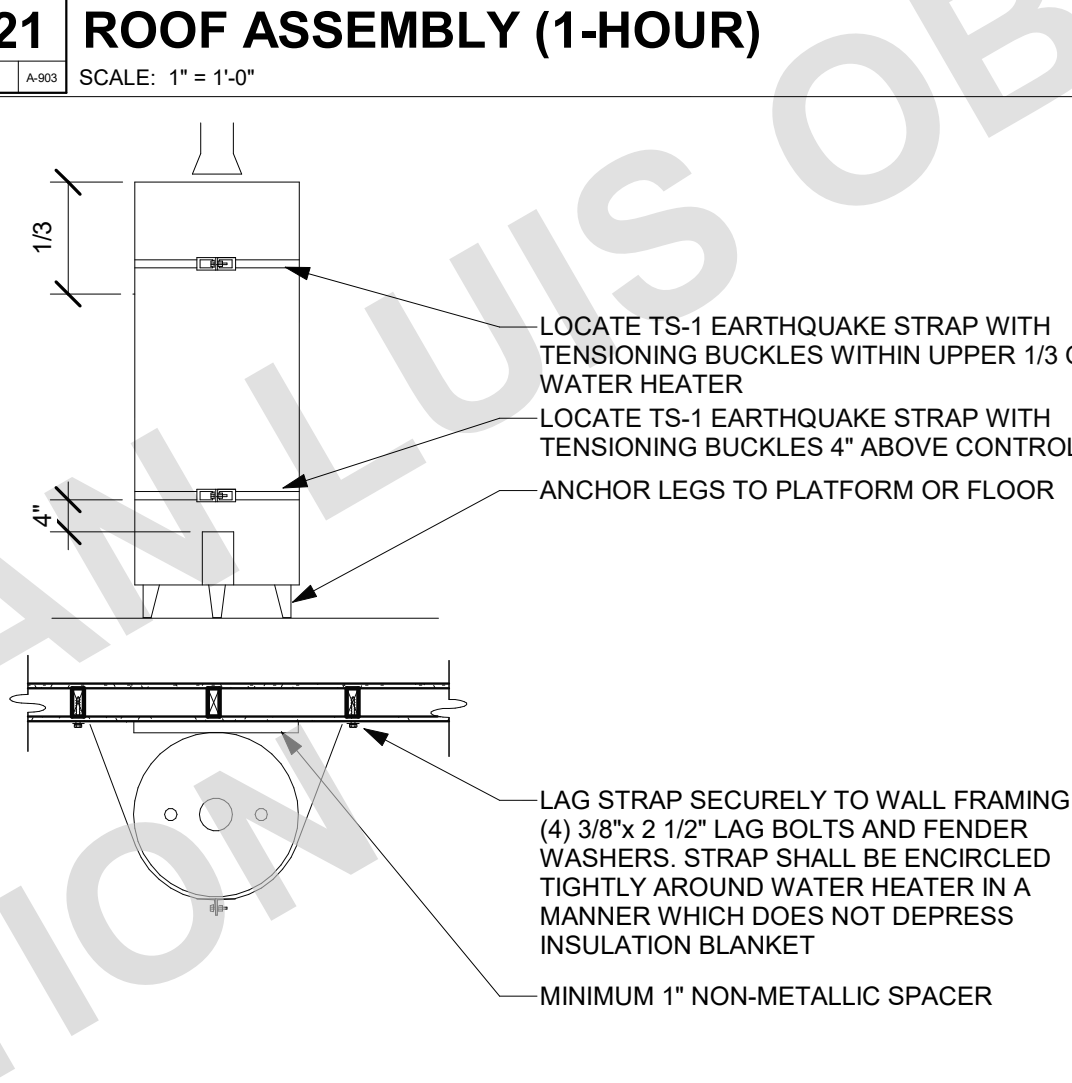
RESILIENT CHANNELS

5/8" TYPE C GWB

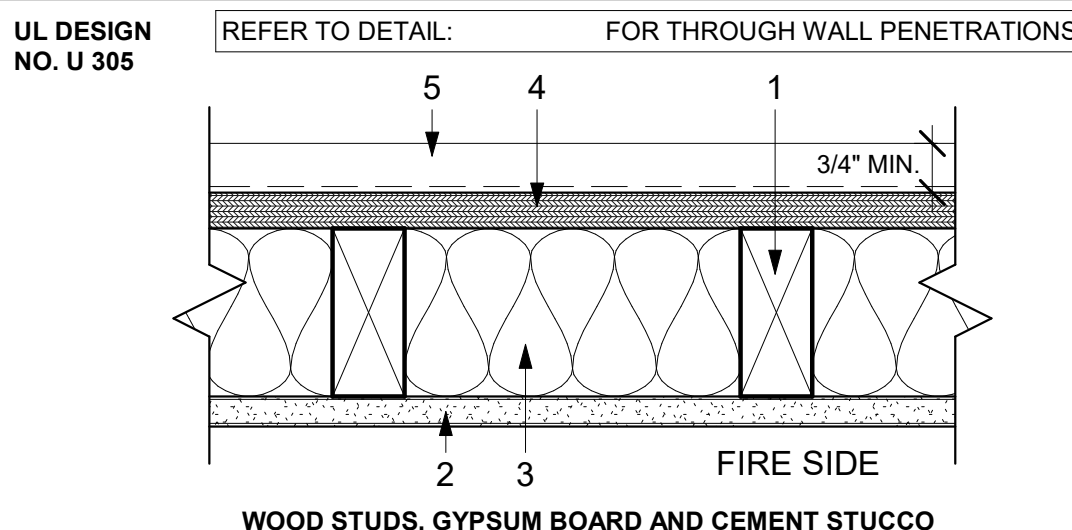
ONE LAYER 5/8" PROPRIETARY TYPE X GYPSUM WALLBOARD OR GYPSUM VENEER BASE APPLIED AT RIGHT ANGLES TO RESILIENT FIRRING CHANNELS 16" O.C. (12" O.C. WHEN INSULATION IS DRAPED OVER CHANNELS) WITH 1" TYPE S DRYWALL SCREWS 12" O.C. GYPSUM BOARD END JOINTS ATTACHED WITH SCREWS 8" O.C. TO ADDITIONAL PIECES OF CHANNEL 60" LONG LOCATED 3" BACK ON EITHER SIDE OF END JOINT. RESILIENT CHANNELS APPLIED AT RIGHT ANGLES TO BOTTOM CHORD OF PITCHED WOOD TRUSSES 24" O.C. WITH 1/4" TYPE S OR W SCREWS. GLASS FIBER INSULATION SECURED TO WOOD STRUCTURAL PANELS OR DRAPED OVER CHANNELS. TRUSSES SUPPORTING 15/32" WOOD STRUCTURAL PANELS APPLIED AT RIGHT ANGLES TO TRUSSES WITH CONSTRUCTION ADHESIVE AND 6D RING SHANK NAILS 12" O.C. OPTIONAL CEILING DAMPER (REFER TO MANUFACTURER FOR INFORMATION ON THE TYPE OF DAMPER).

PROPRIETARY GYPSUM BOARD
UNITED STATES GYPSUM COMPANY - 5/8" SHEETROCK® BRAND FIRECODE® C CORE GYPSUM PANELS

21 ROOF ASSEMBLY (1-HOUR)
SCALE: 1" = 1'-0"



22 WATER HEATER MOUNTING
SCALE: 1 1/2" = 1'-0"



1. WOOD STUDS
NOMINAL 2X6 SPACED 16" O.C. WITH (2) 2X6 TOP PLATES (1) 2X6 BOTTOM PLATE. STUDS LATERALLY-BRACED BY WOOD STRUCTURAL PANEL SHEATHING (ITEM 5) AND EFFECTIVELY FIRE STOPPED AT TOP AND BOTTOM OF WALL.

2. GYPSUM BOARD
ANY CLASSIFIED 5/8" THICK, 48" WIDE, APPLIED VERTICALLY AND NAILED TO STUDS AND BEARING PLATES 7" O.C. WITH 6D CEMENT-COATED NAILS, 1 7/8" LONG WITH 1/4" DIAM. HEAD.

JOINTS AND NAILHEADS (NOT SHOWN) - WALLBOARD JOINTS COVERED WITH TAPE AND JOINT COMPOUND. NAIL HEADS COVERED WITH JOINT COMPOUND.

3. BATTS AND BLANKETS
MINERAL FIBER OR GLASS INSULATION, 3 1/2" THICK. PRESSURE FIT TO FILL WALL CAVITIES BETWEEN STUDS AND PLATES. MINERAL FIBER INSULATION TO BE UNFACED AND TO HAVE A MIN. DENSITY OF 3 PCF. GLASS FIBER INSULATION TO BE FACED WITH ALUMIUM FOIL OR FRAFT PAPER AND TO HAVE A MIN. DENSITY OF 0.9 PCF (MIN. R-13 THERMAL INSULATION RATING). FIBER SPRAYED - AS AN ALTERNATE TO BATTS AND BLANKETS (ITEM 4) - SPRAY APPLIED CELLULOSE INSULATION MATERIAL. THE FIBER IS APPLIED WITH WATER TO COMPLETELY FILL THE ENCLOSED CAVITY IN ACCORDANCE WITH THE APPLICATION INSTRUCTIONS SUPPLIED WITH THE PRODUCT. NOMINAL DRY DENSITY OF 3.0 LB/CU.FT.

4. WOOD STRUCTURAL PANEL SHEATHING
MIN 7/16" THICK, 4 FT. WIDE WOOD STRUCTURAL PANELS, MIN. GRADE "C-D" OR "SHEATHING". INSTALLED WITH LONG DIMENSION OF SHEET (STRENGTH AXIS) OR FACE GRAIN OF PLYWOOD PARALLEL WITH OR PERPENDICULAR TO STUDS. VERTICAL JOINTS CENTERED ON STUDS. HORIZONTAL JOINTS BACKED WITH NOMINAL 2X4 WOOD BLOCKING. ATTACHED TO STUDS ON EXTERIOR SIDE OF WALL WITH 6D CEMENT COATED NAILS SPACED 6" O.C. AT PERIMETER OF PANELS AND 12" O.C. ALONG INTERIOR STUDS.

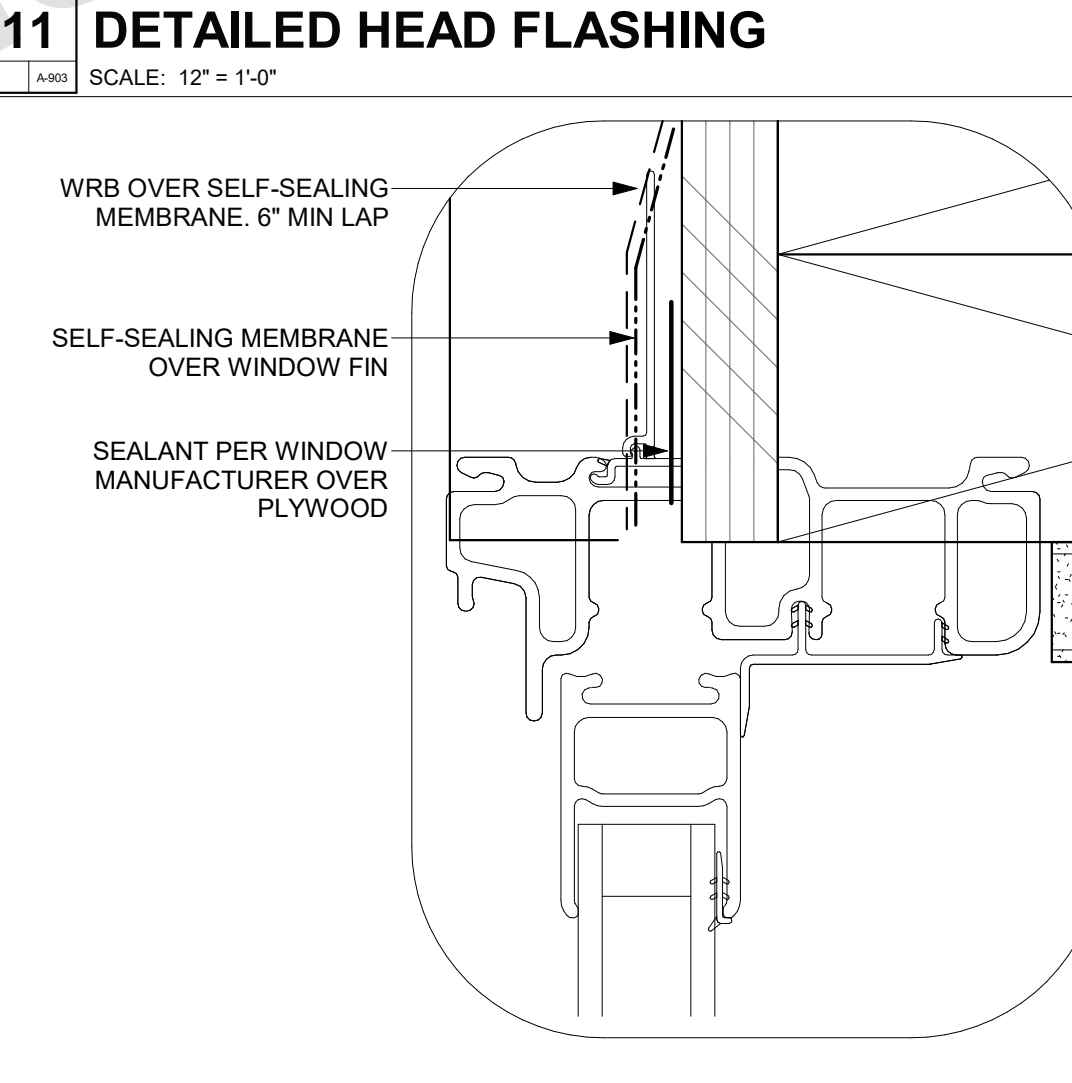
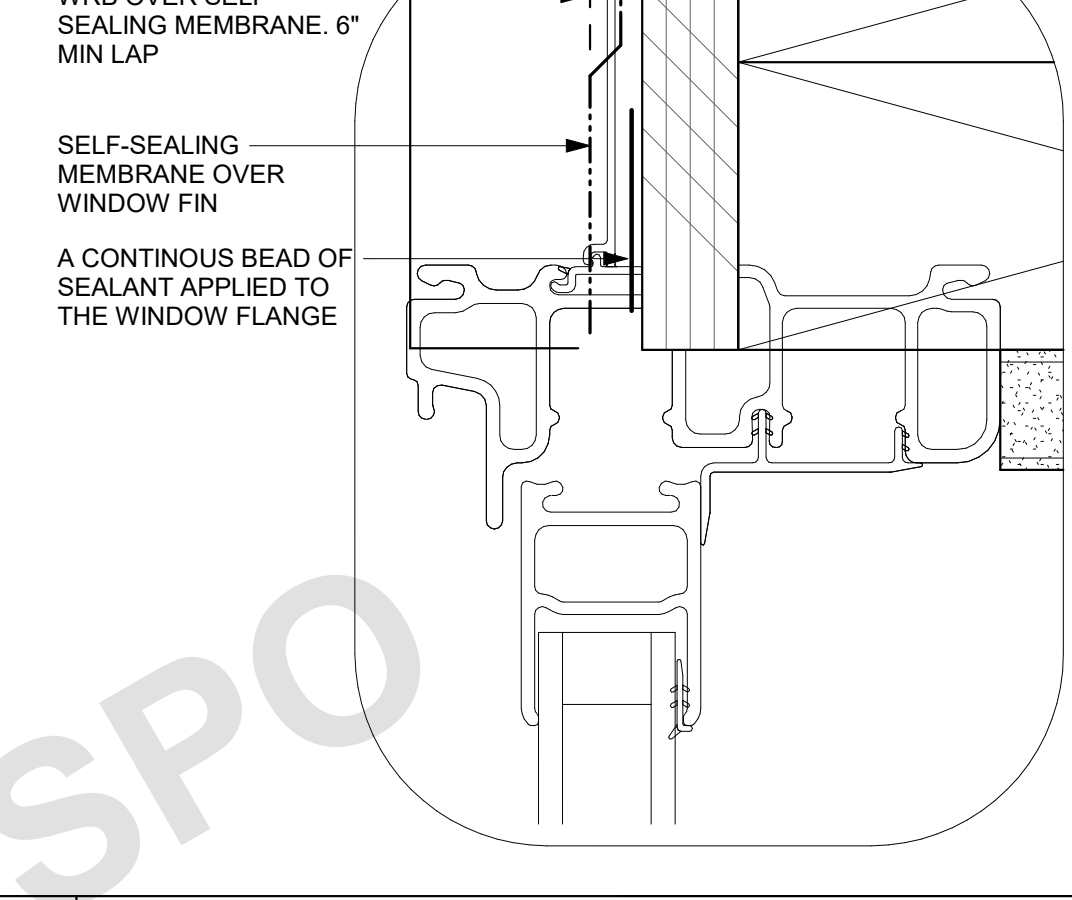
5. EXTERIOR FACING
INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTION. ONE OF THE FOLLOWING EXTERIOR FACINGS IS TO BE APPLIED OVER THE SHEATHING. REFER TO PLAN FOR INFOEMATION:

FIBER-CEMENT SIDING - FIBER-CEMENT EXTERIOR SIDING INCLUDING SMOOTH AND PATTERNED PANEL OR LAP SIDING.

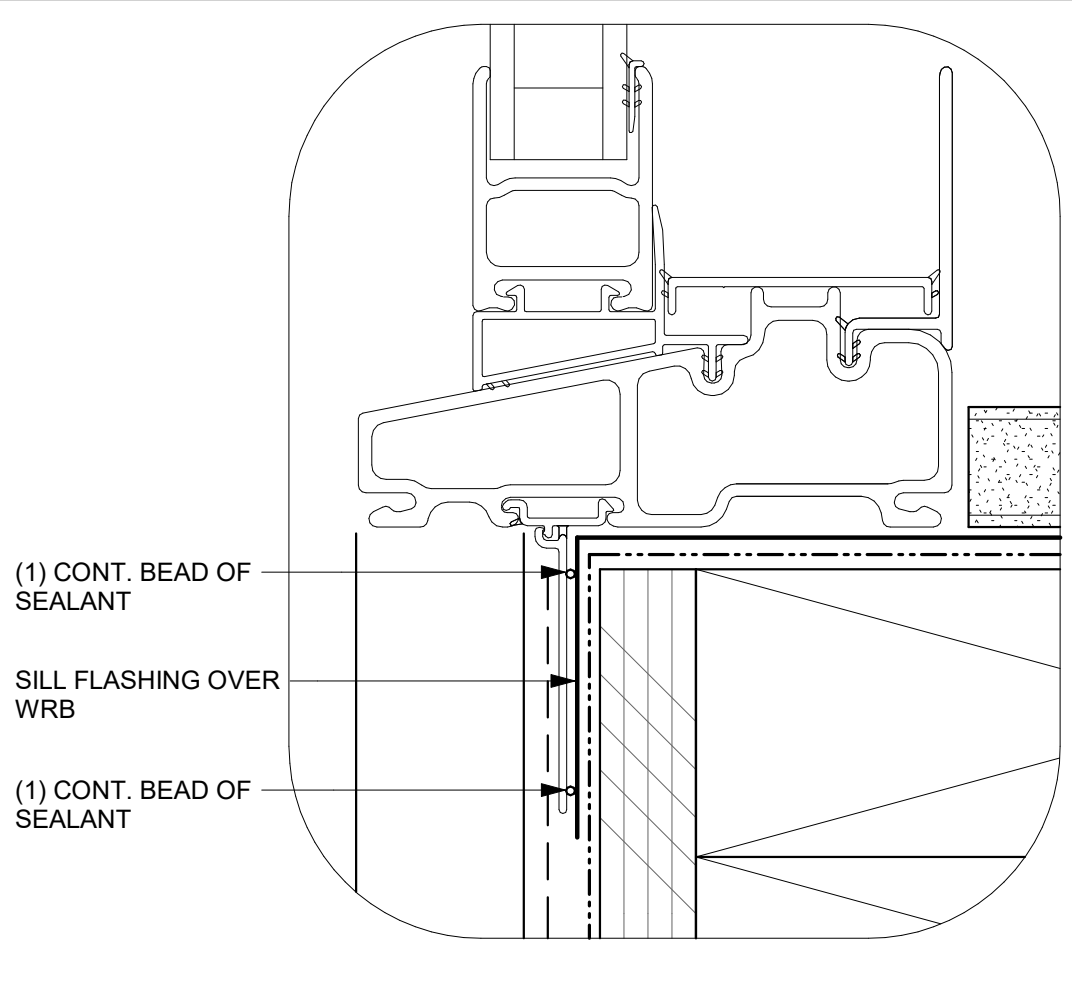
UL DES U305
AT INTERIOR WALL USE:
5/8" SHEETROCK® FIRECODE CORE PANELS,
5/8" SHEETROCK® ULTRALIGHT PANELS FIRE CODE X OR
5/8" FIBEROCK PANELS -
2 X 6 WOOD STUD 16" OR 24" O.C.

24 1-HR EXTERIOR RATED WALL ASSEMBLY
SCALE: 3" = 1'-0"

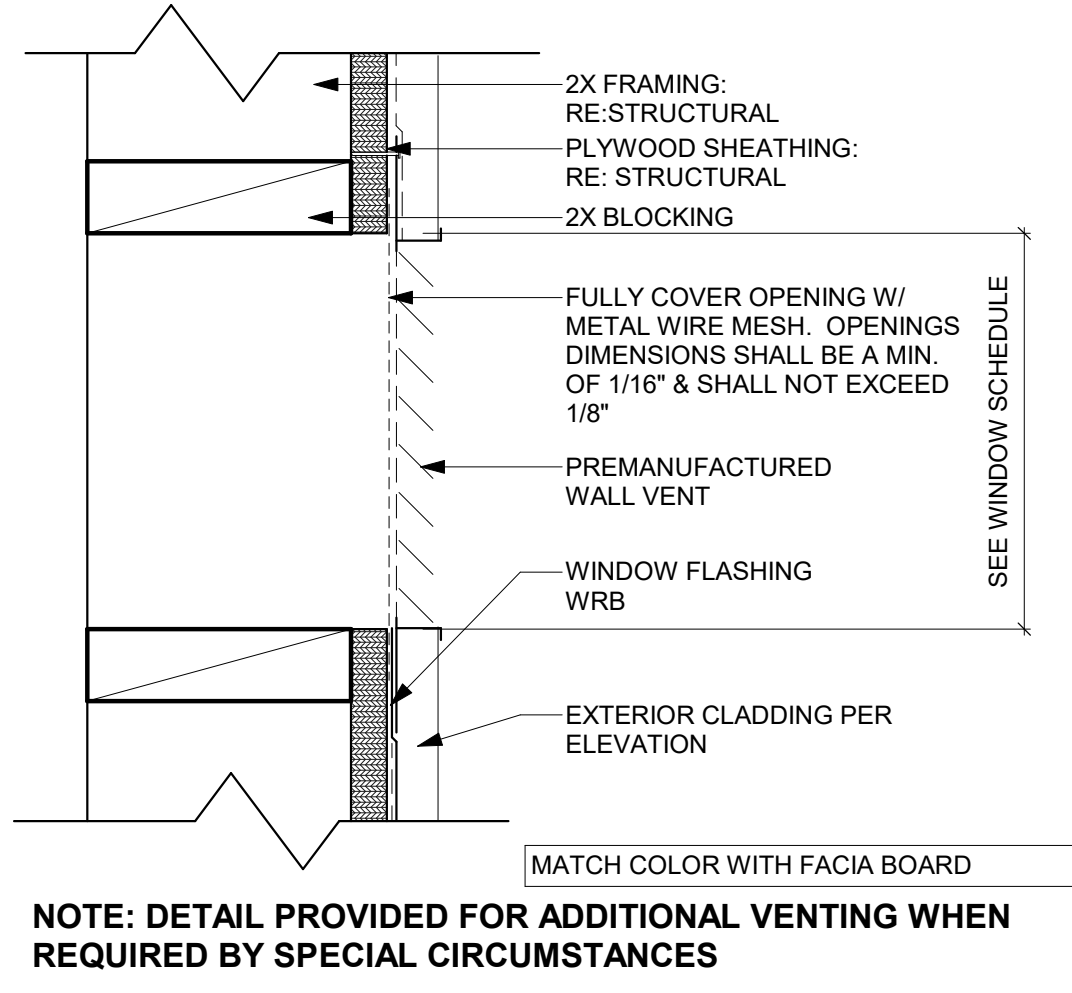
11 DETAILED HEAD FLASHING
SCALE: 12" = 1'-0"



12 DETAILED JAMB FLASHING
SCALE: 12" = 1'-0"



13 DETAILED SILL FLASHING
SCALE: 12" = 1'-0"



14 WALL VENT
SCALE: 3" = 1'-0"

FOR USE IN THE COUNTY OF SAN LUIS OBISPO NOT FOR CONSTRUCTION



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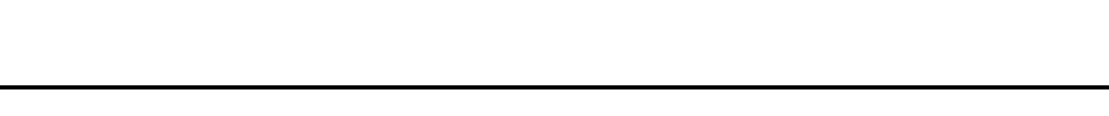
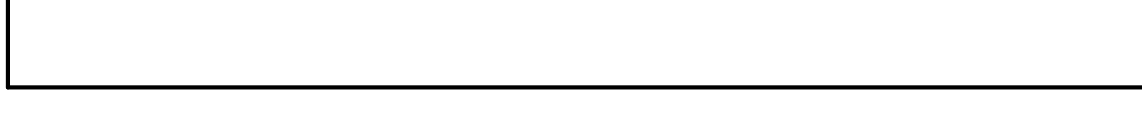
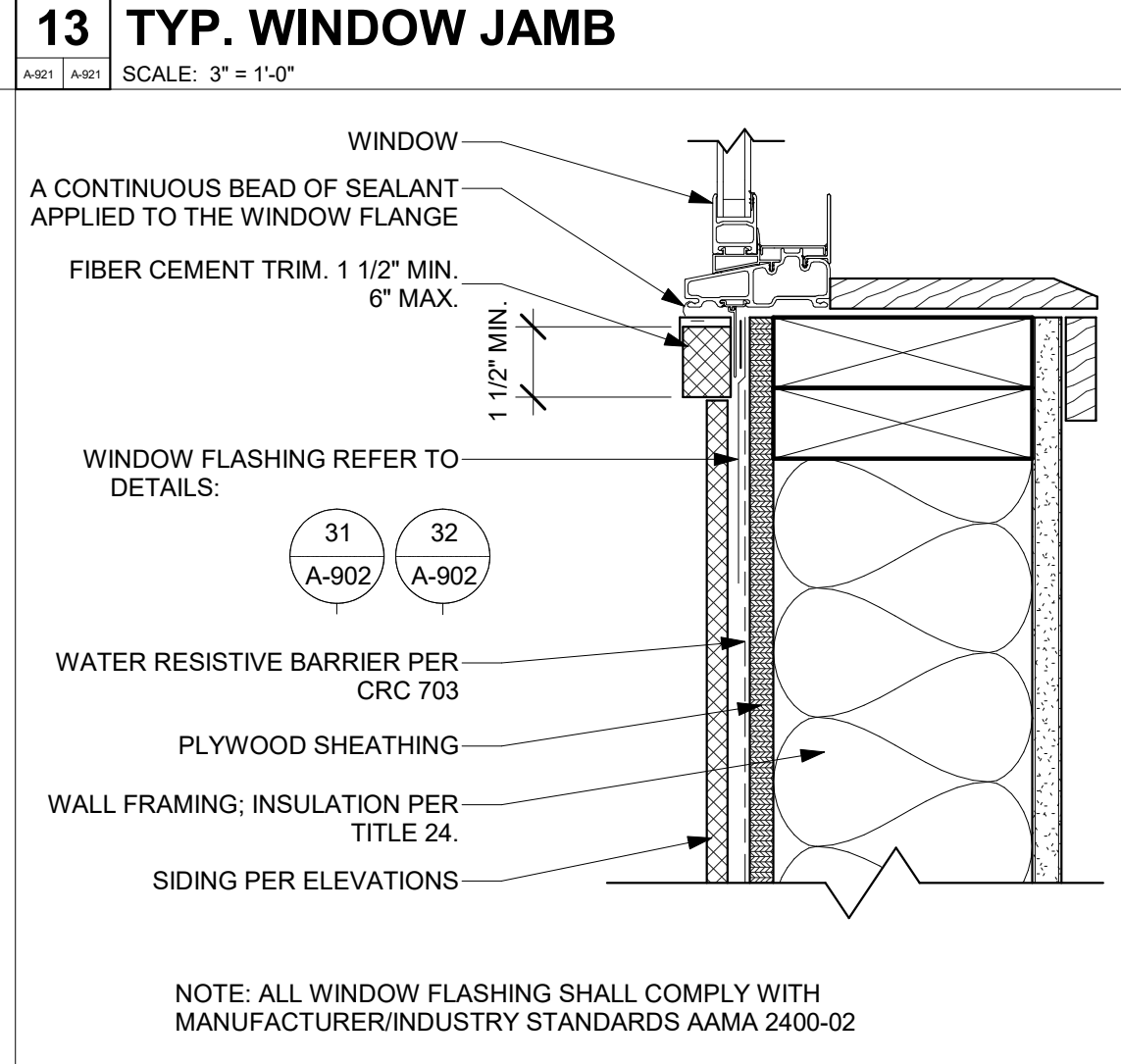
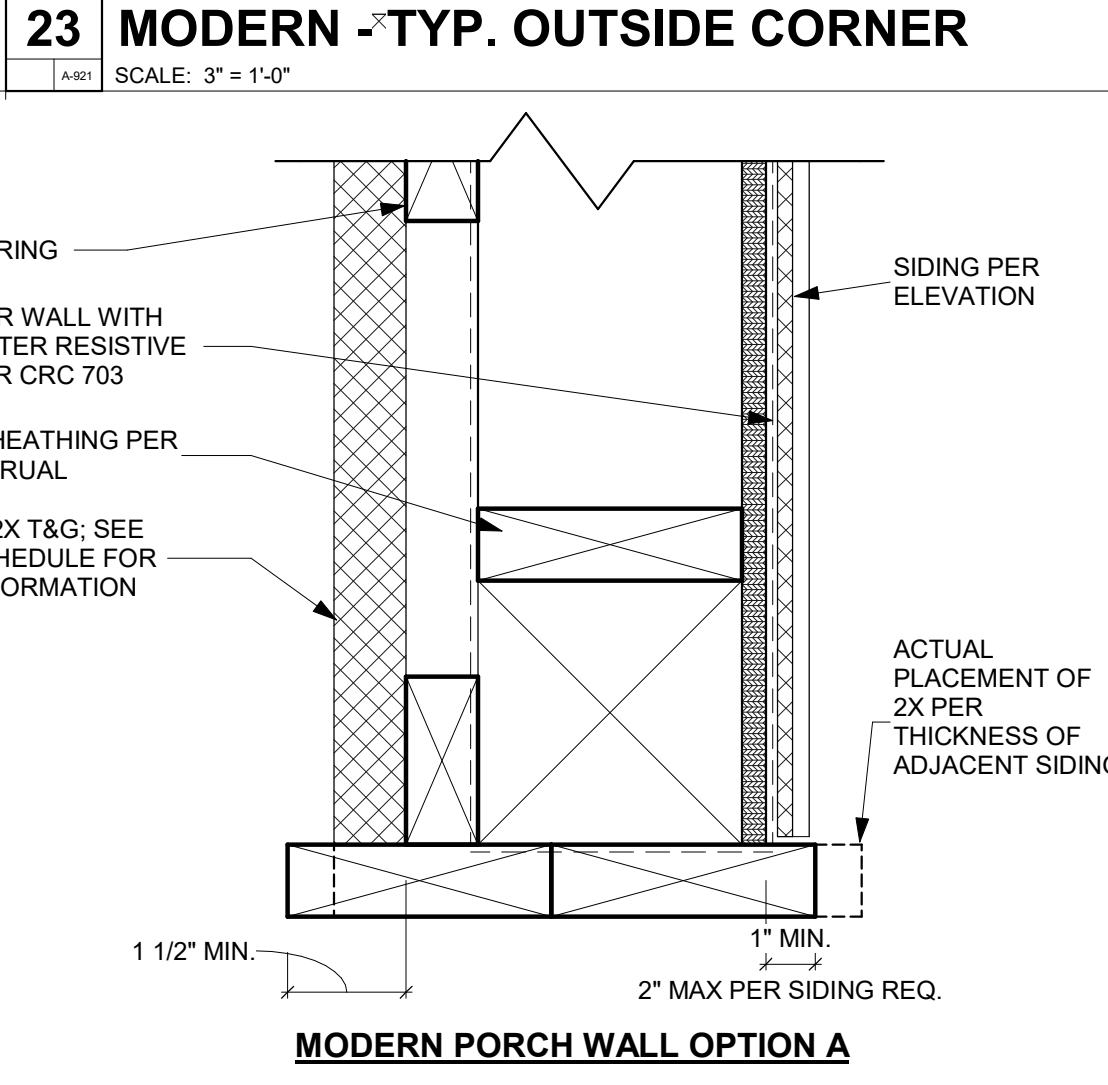
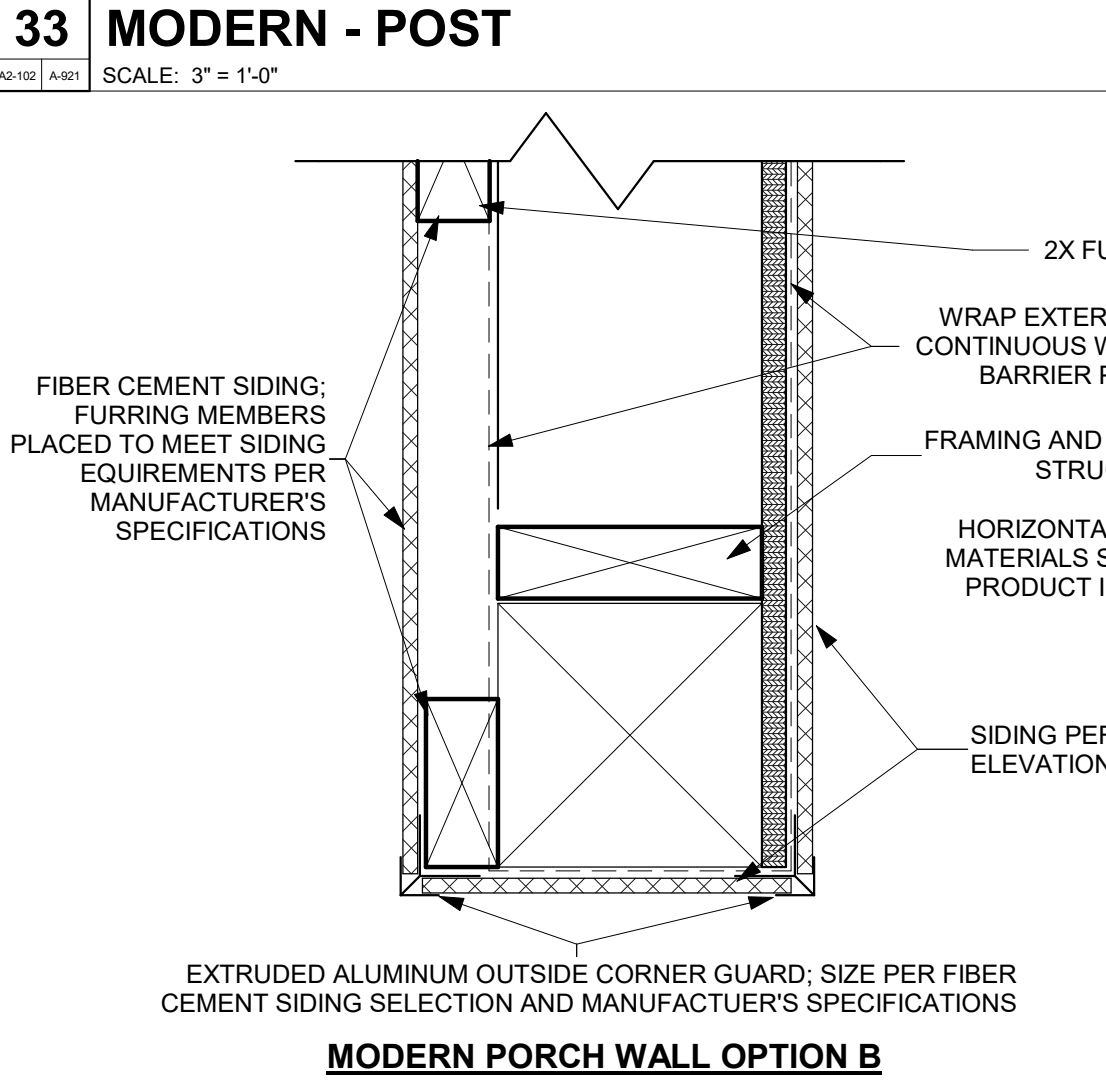
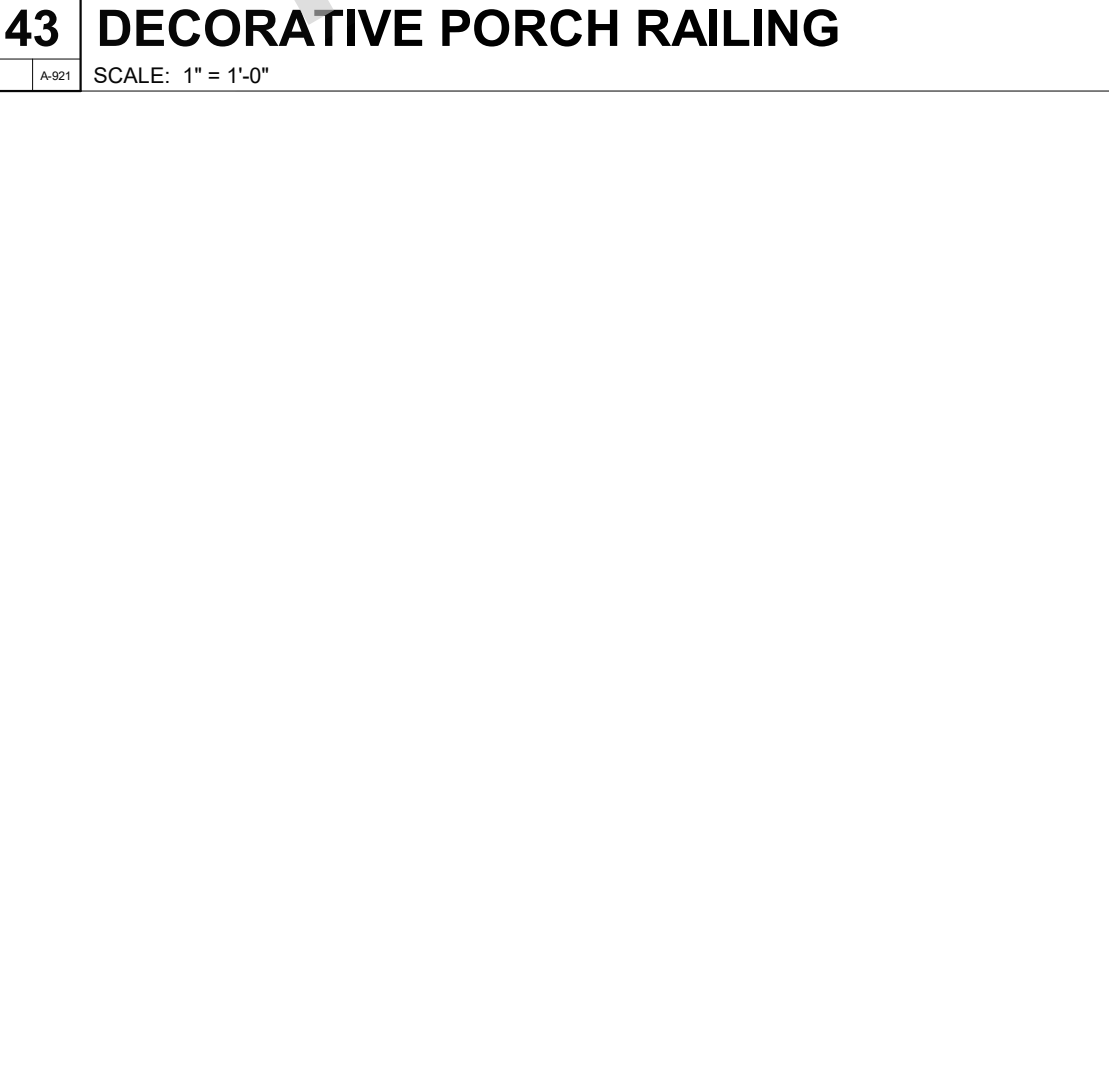
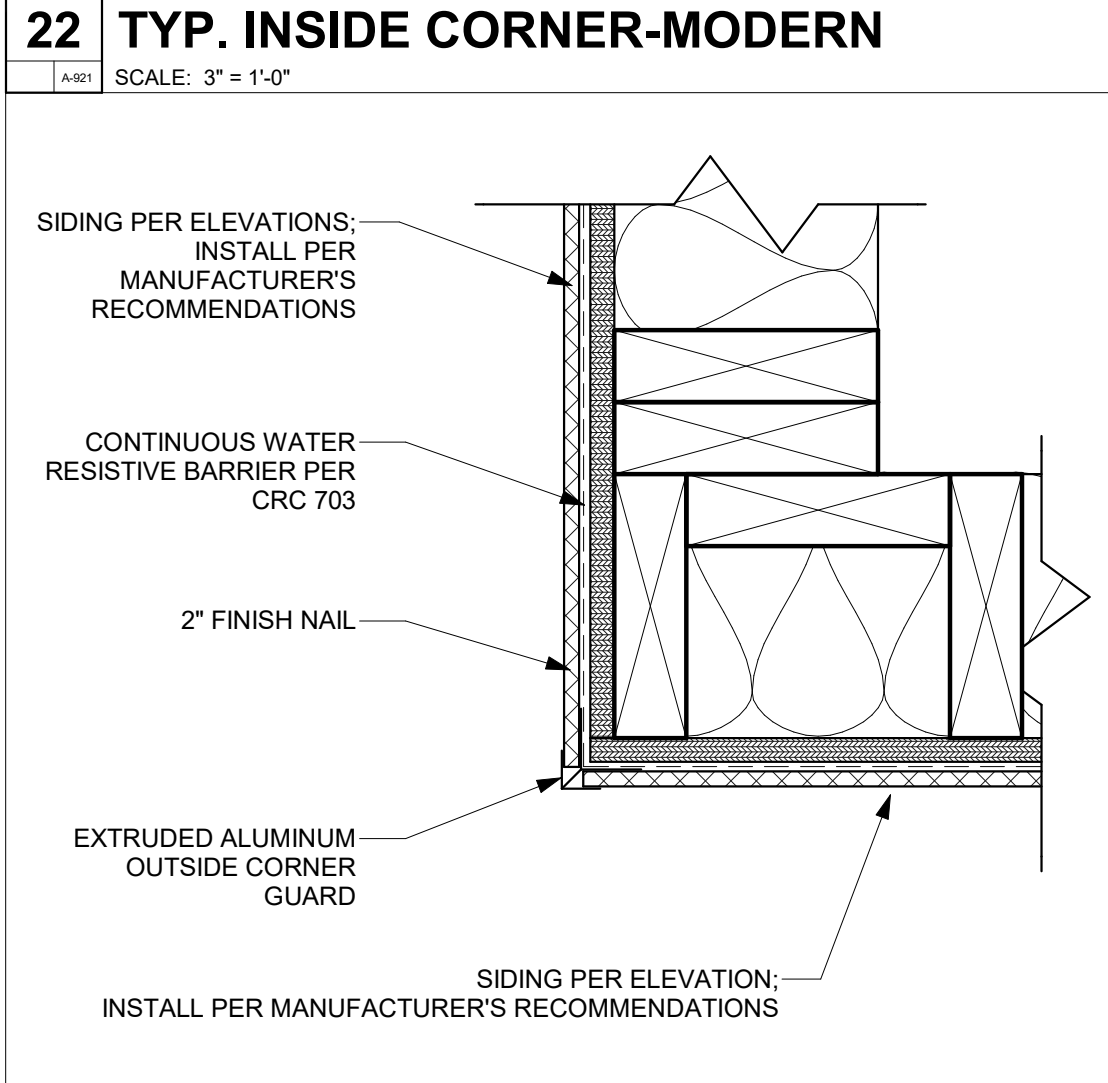
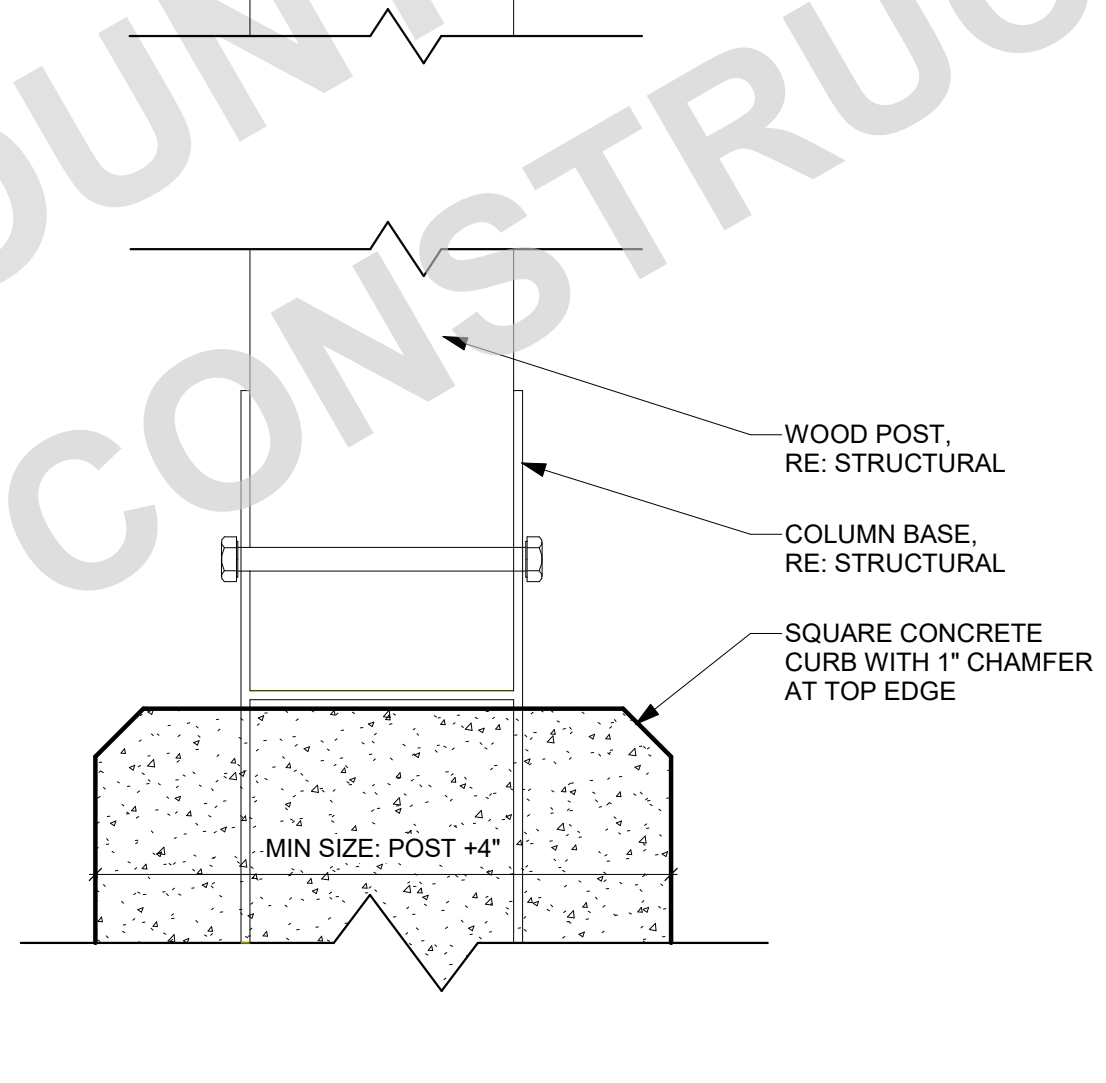
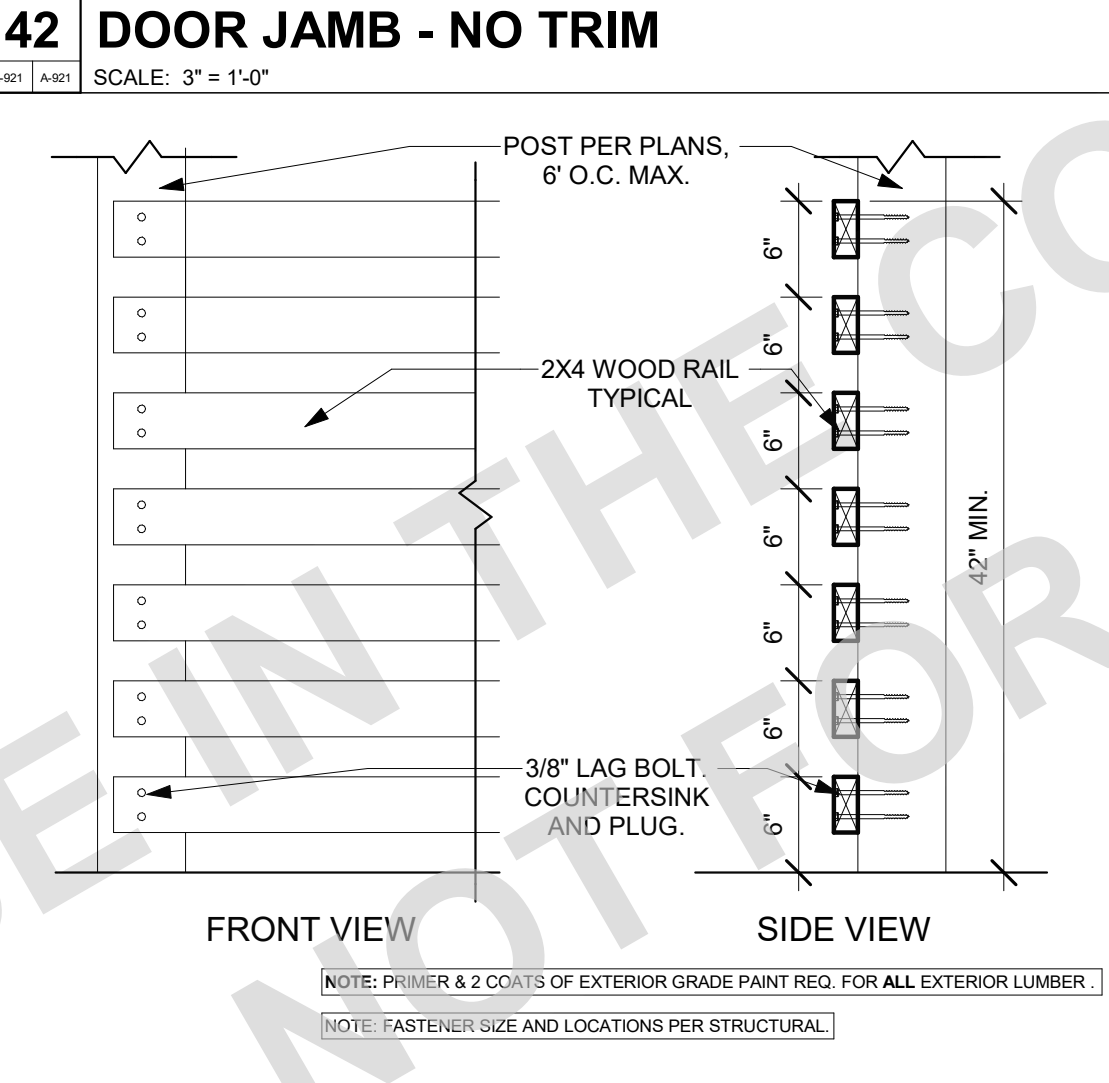
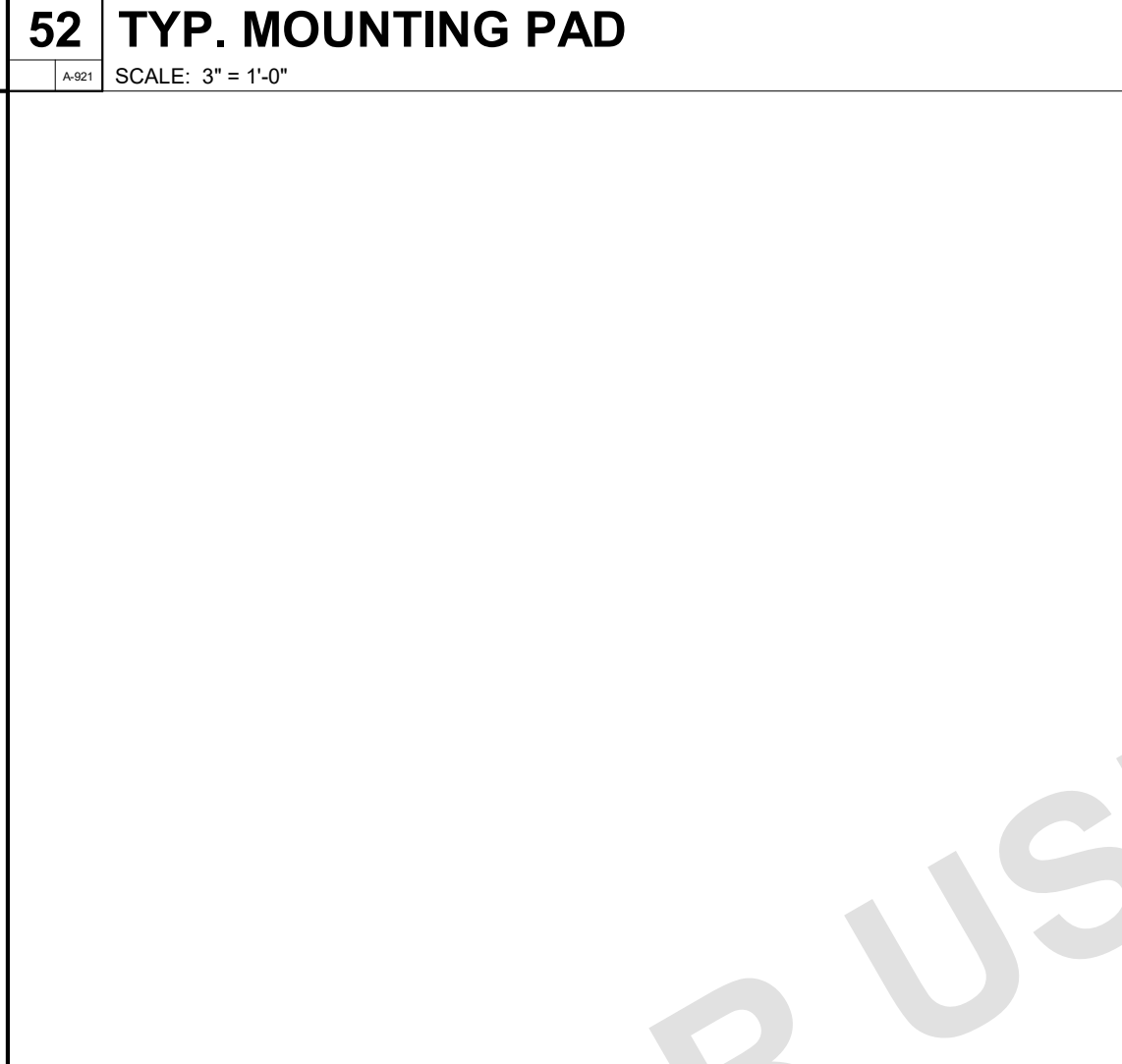
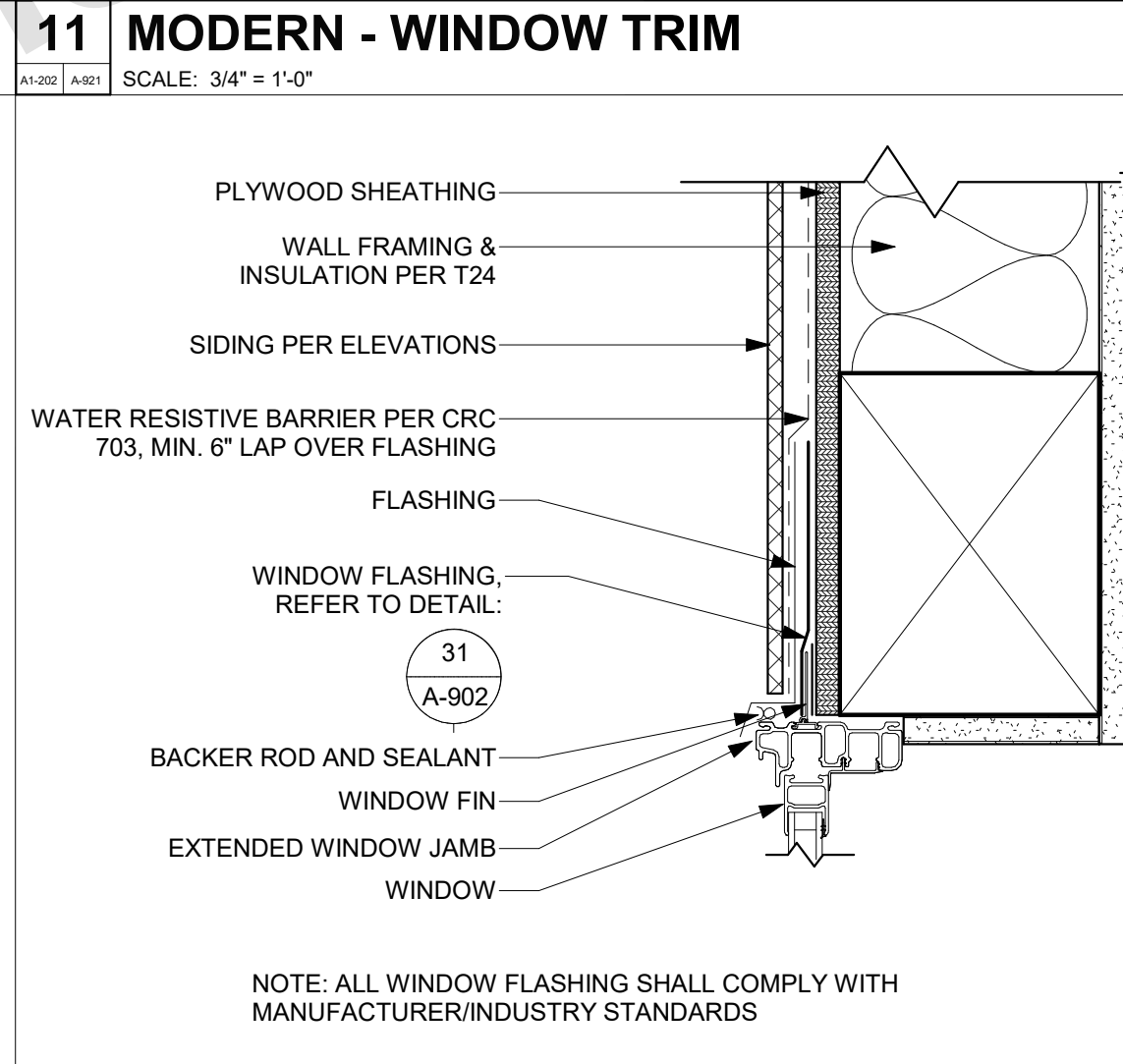
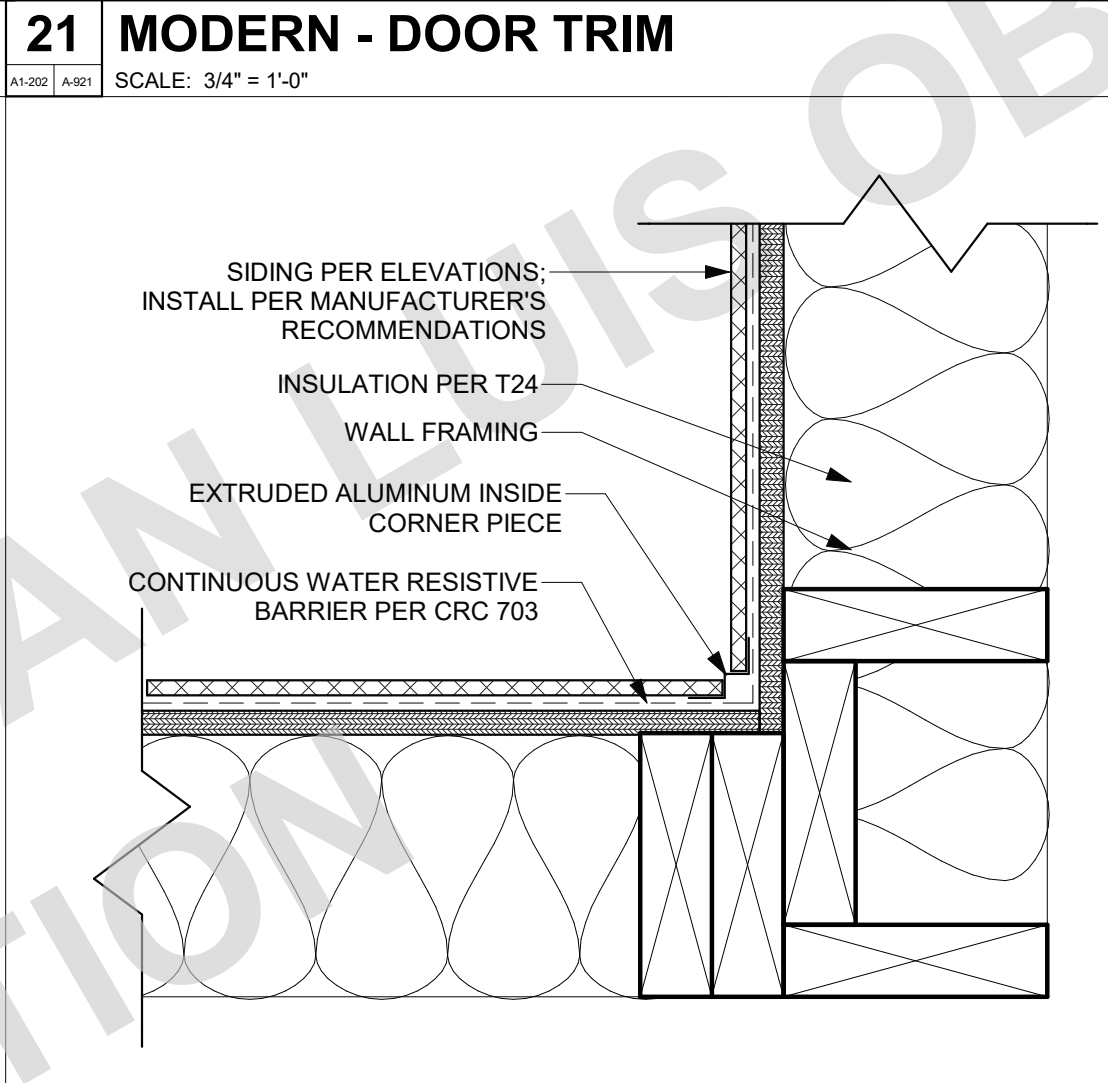
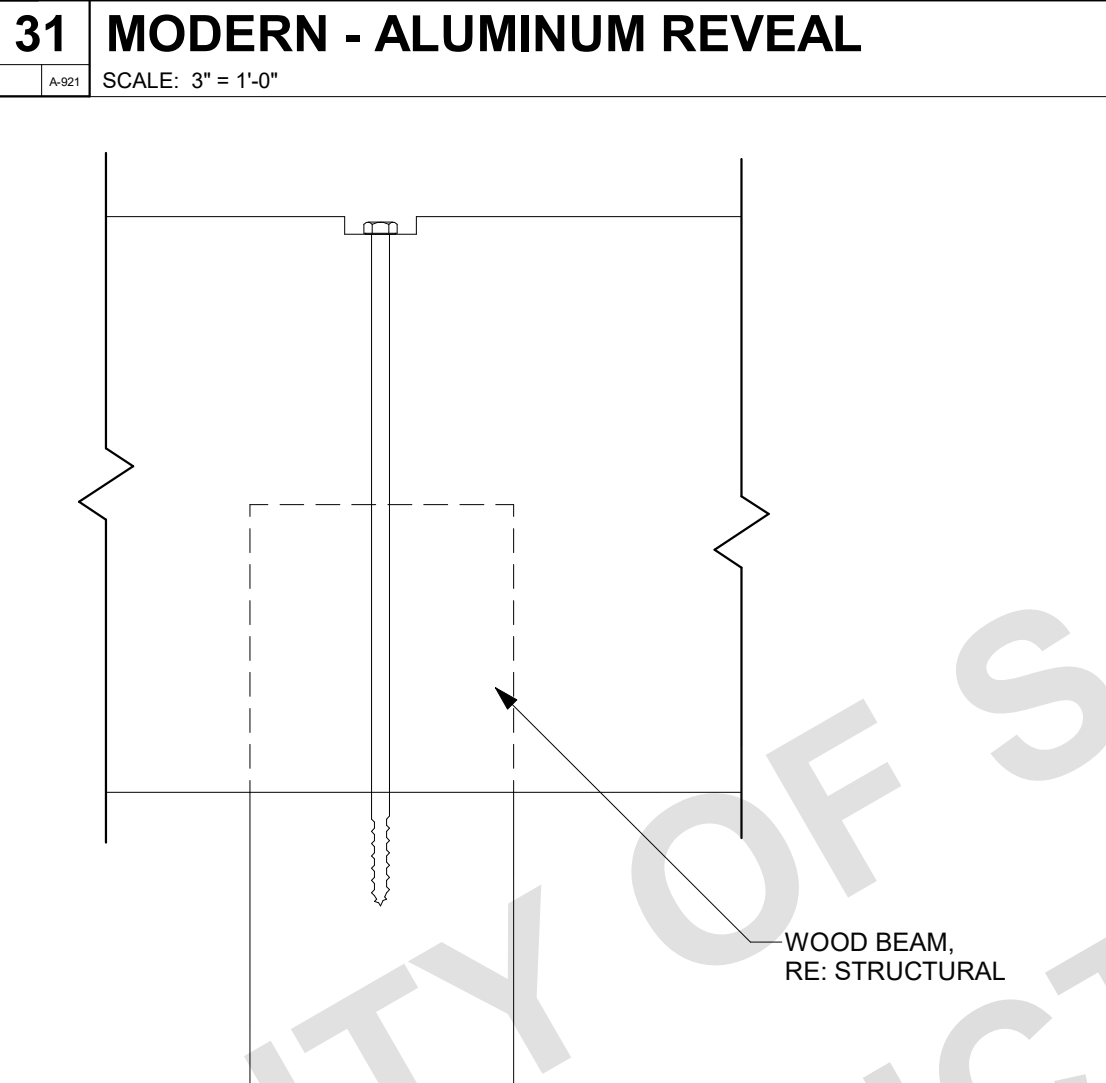
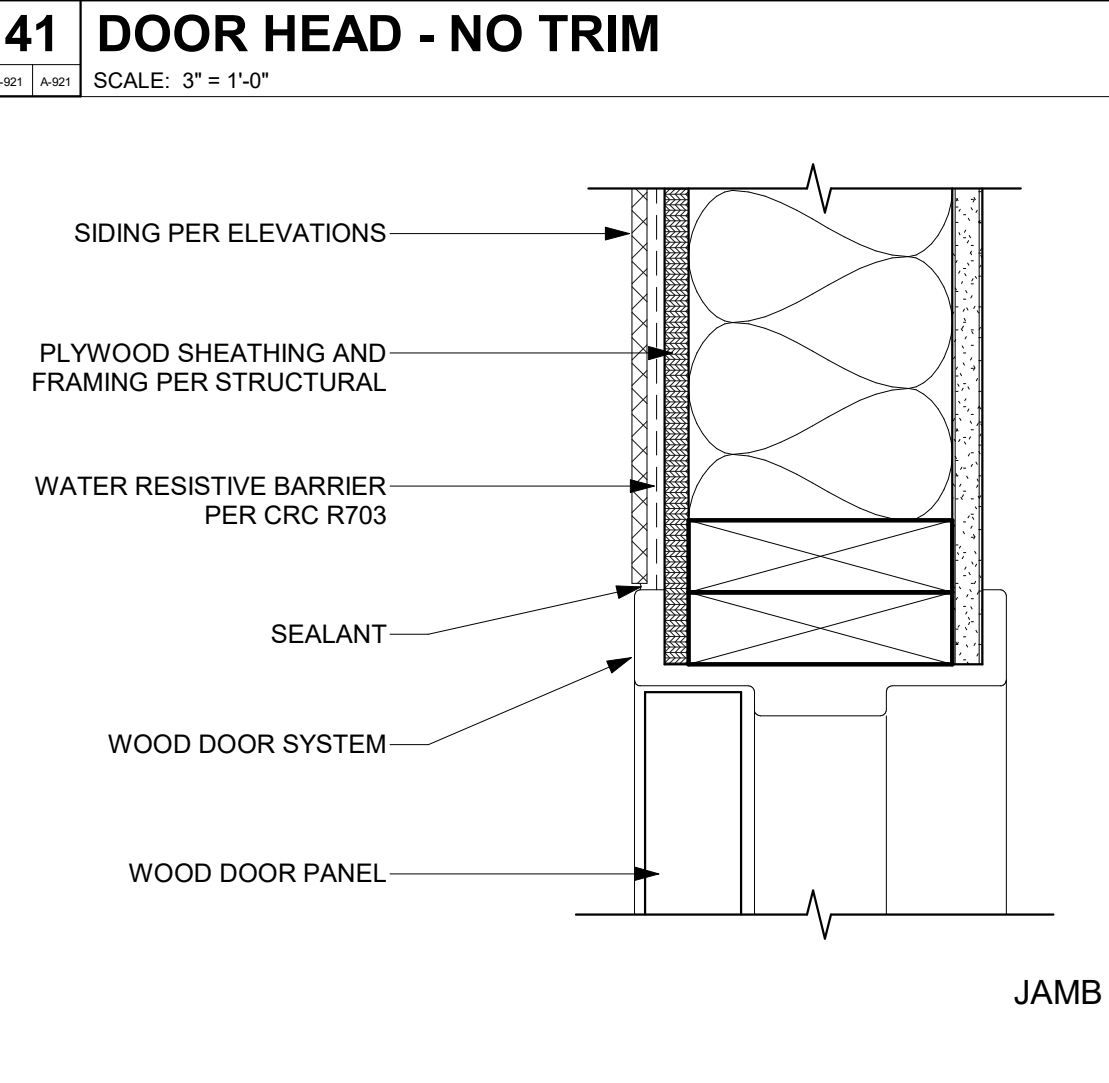
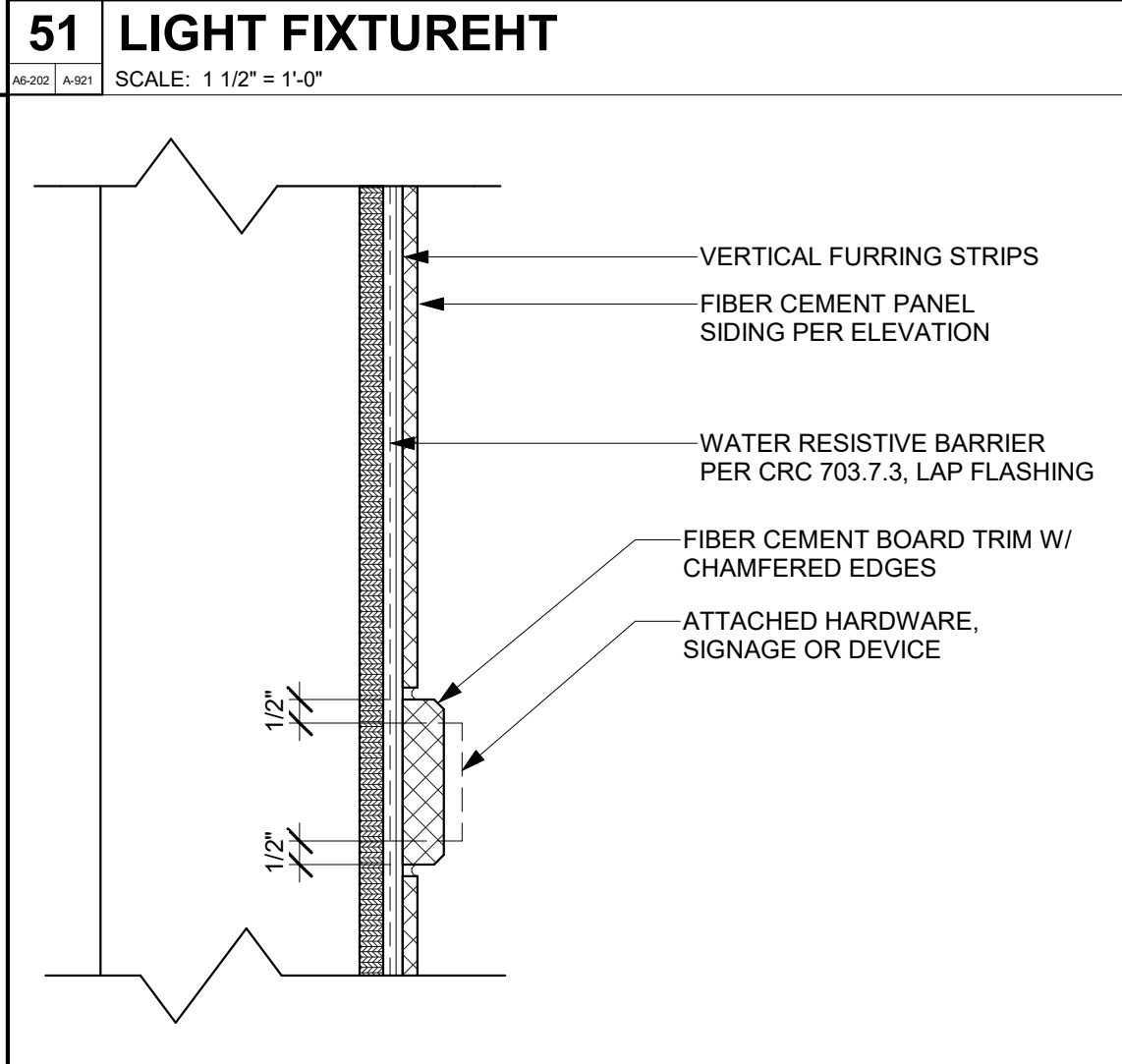
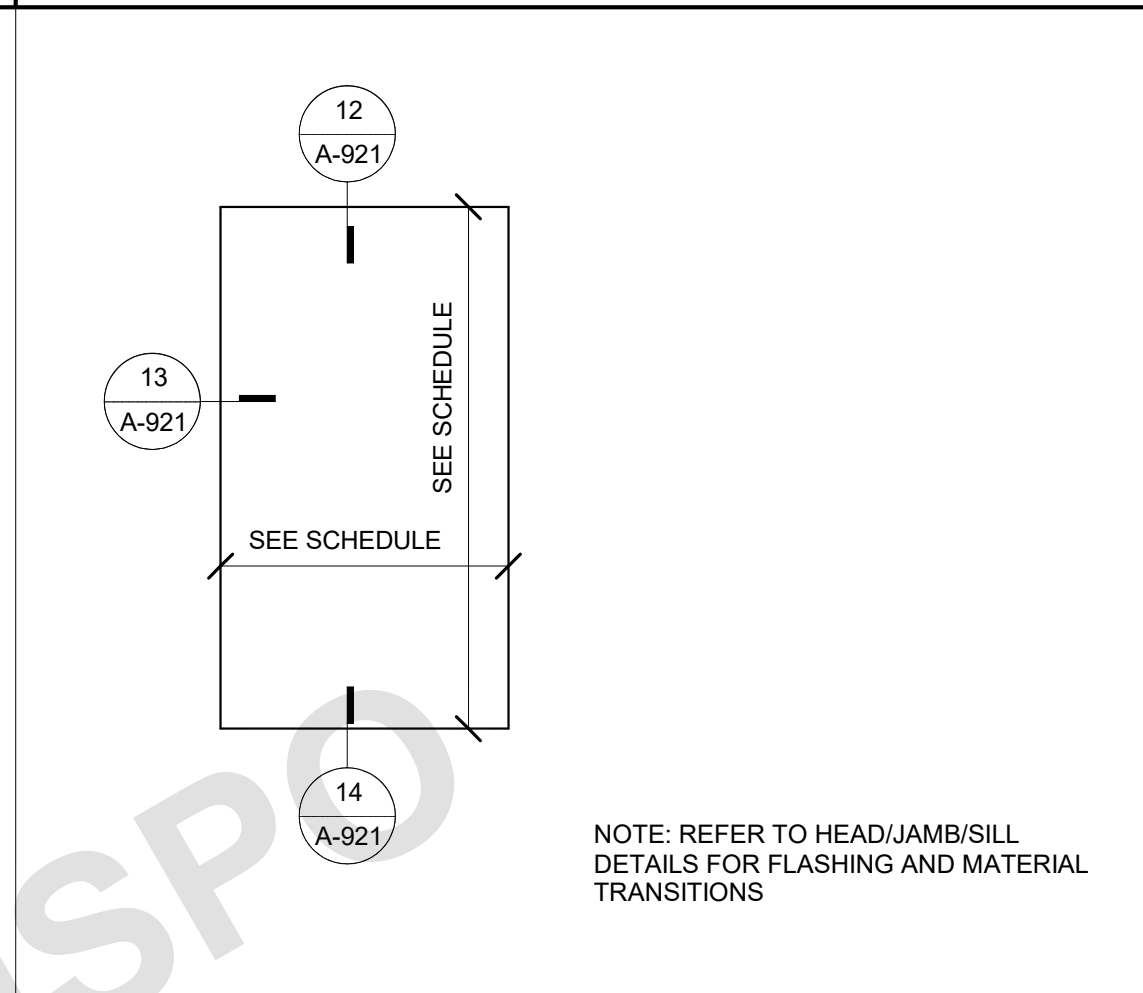
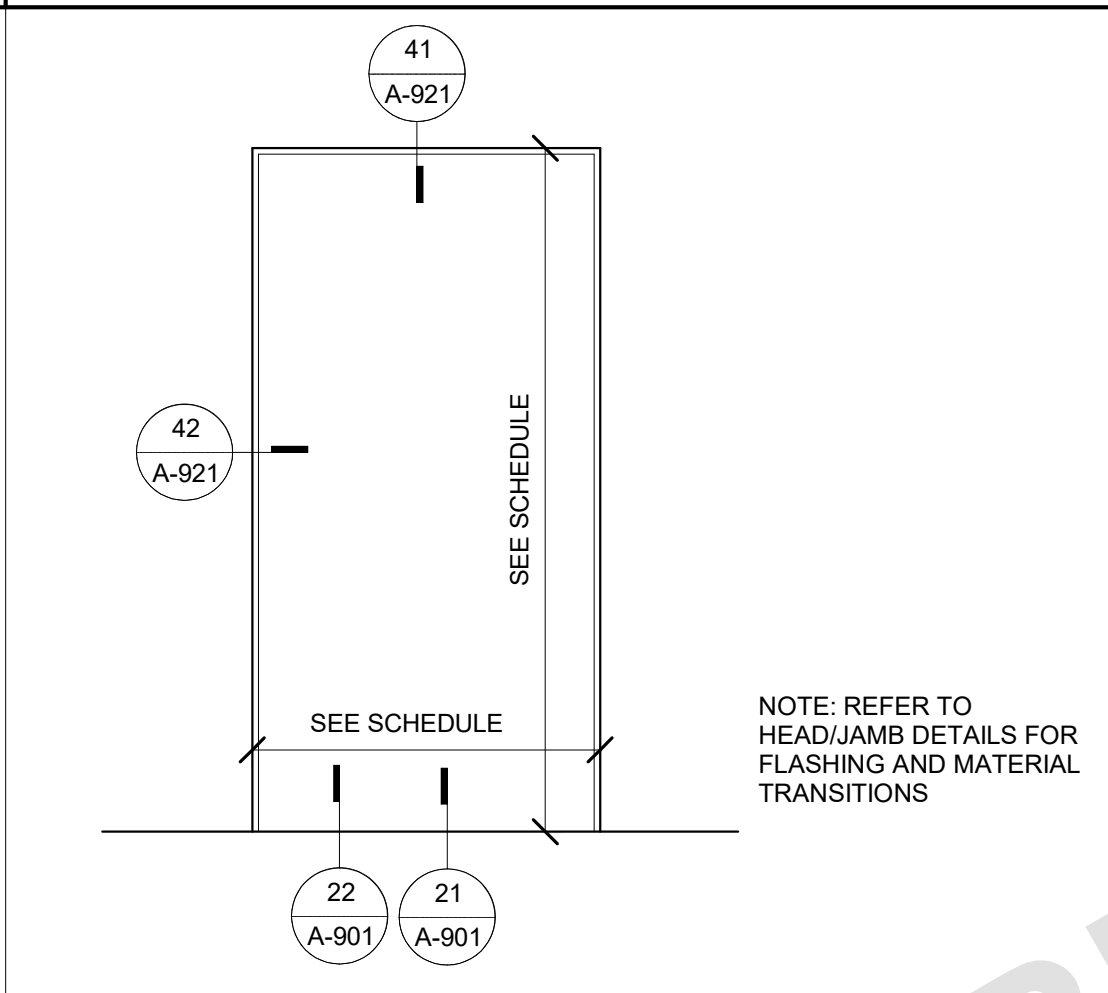
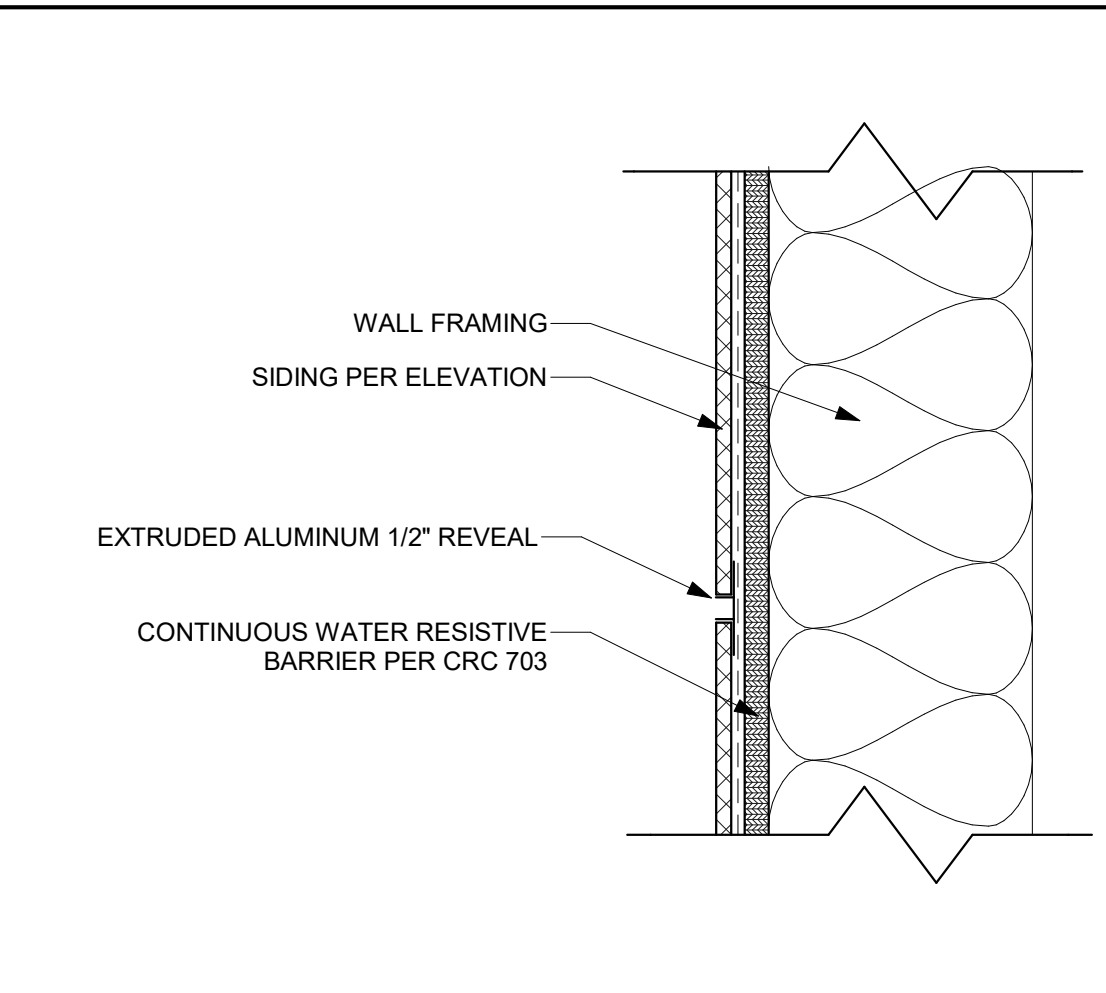
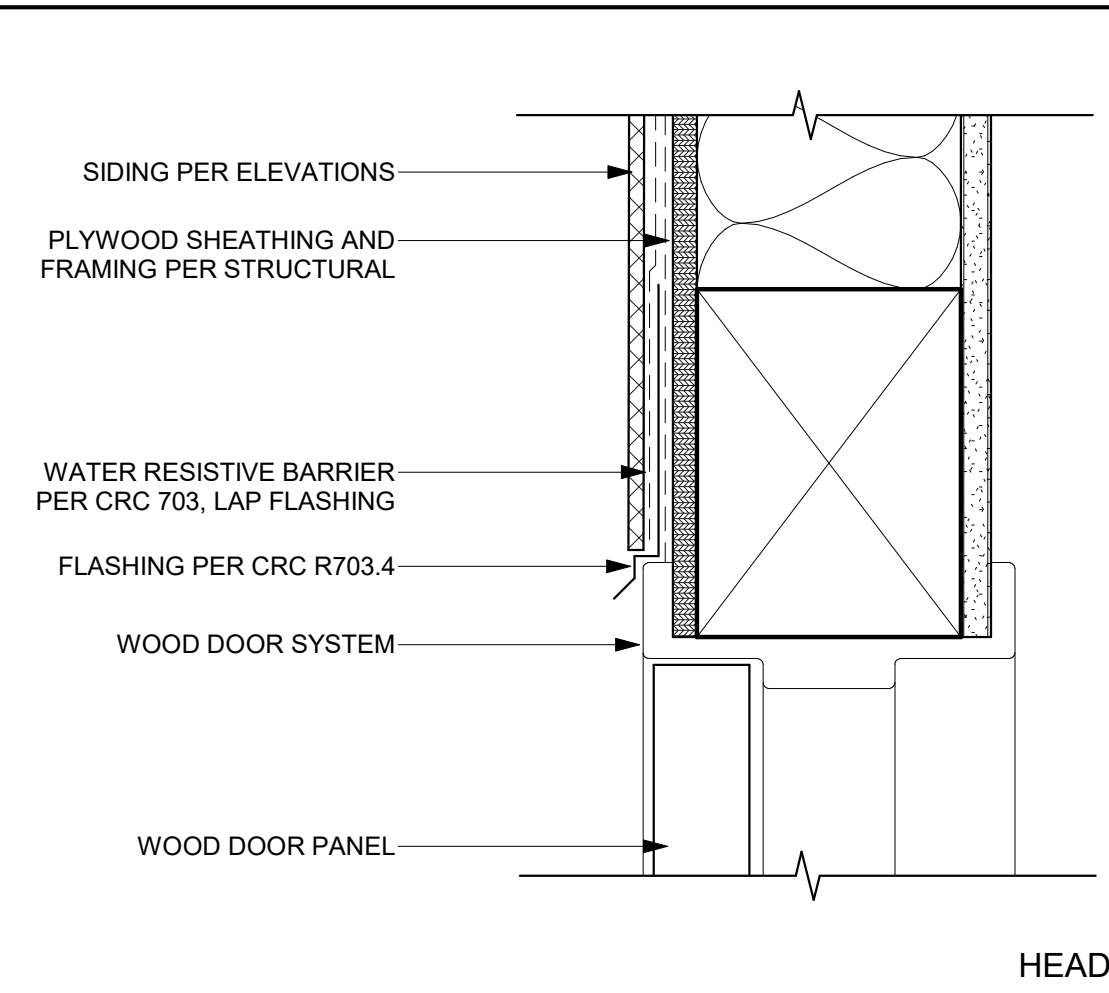
HAMPTON BAY HURLEY MODERN MATTE BLACK OUTDOOR WALL LANTERN SCONCE (44833) OR EQUAL

LIGHT OPTION A

ROBERT STEVENSON LIGHTING - JAXON AGED TUSCAN OUTDOOR METAL AND SEEDY GLASS WALL SCONCE (EC1323C) OR EQUAL

LIGHT OPTION B

NOTE: ALL EXTERIOR LIGHTING MUST BE DARK SKY COMPLIANT PER ZONING REGULATIONS SECTION 17.70.100.



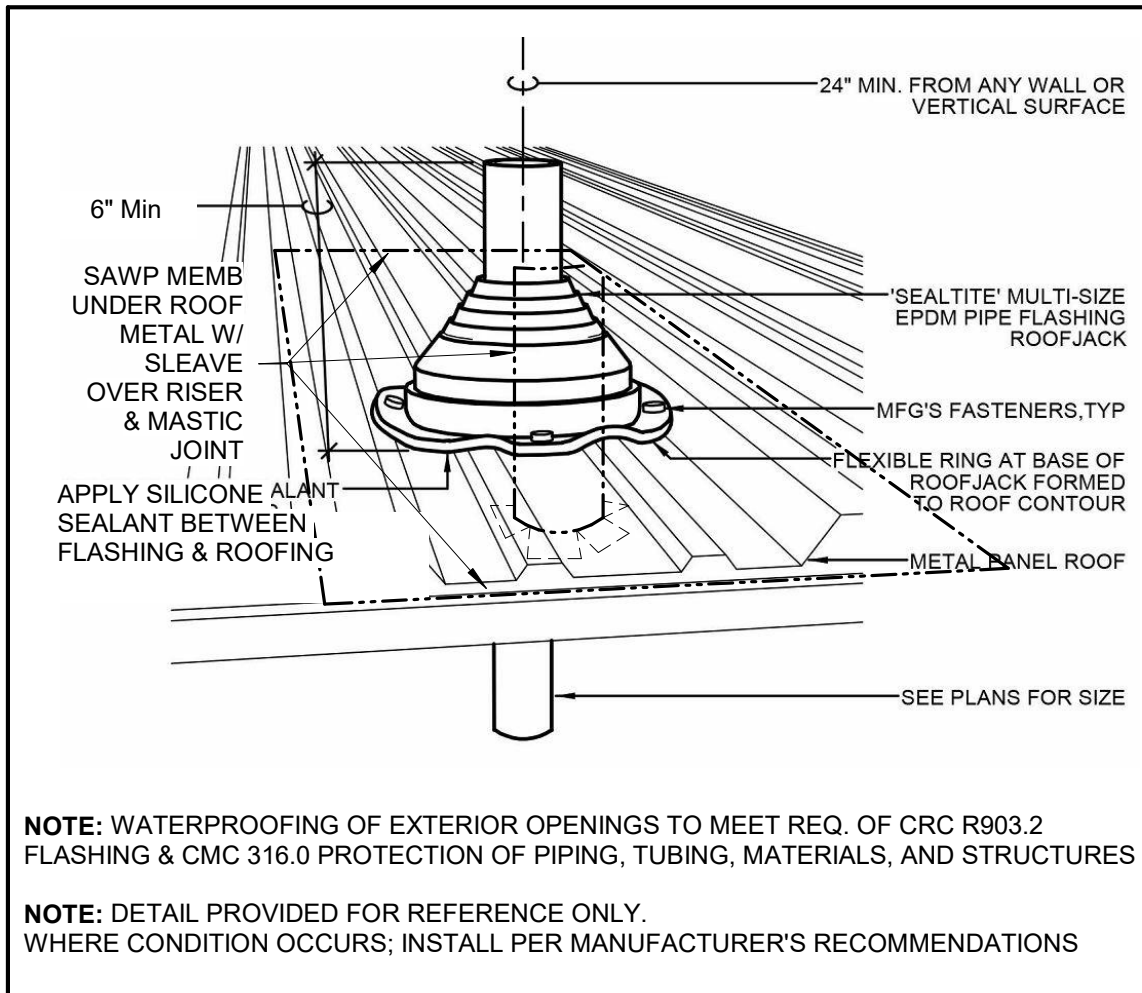
COUNTY OF SAN LUIS OBISPO
ACCESSORY DWELLING UNIT
SAN LUIS OBISPO, CA
ARCHITECTURAL DETAILS

DATE
09/28/2023
SHEET
A-921

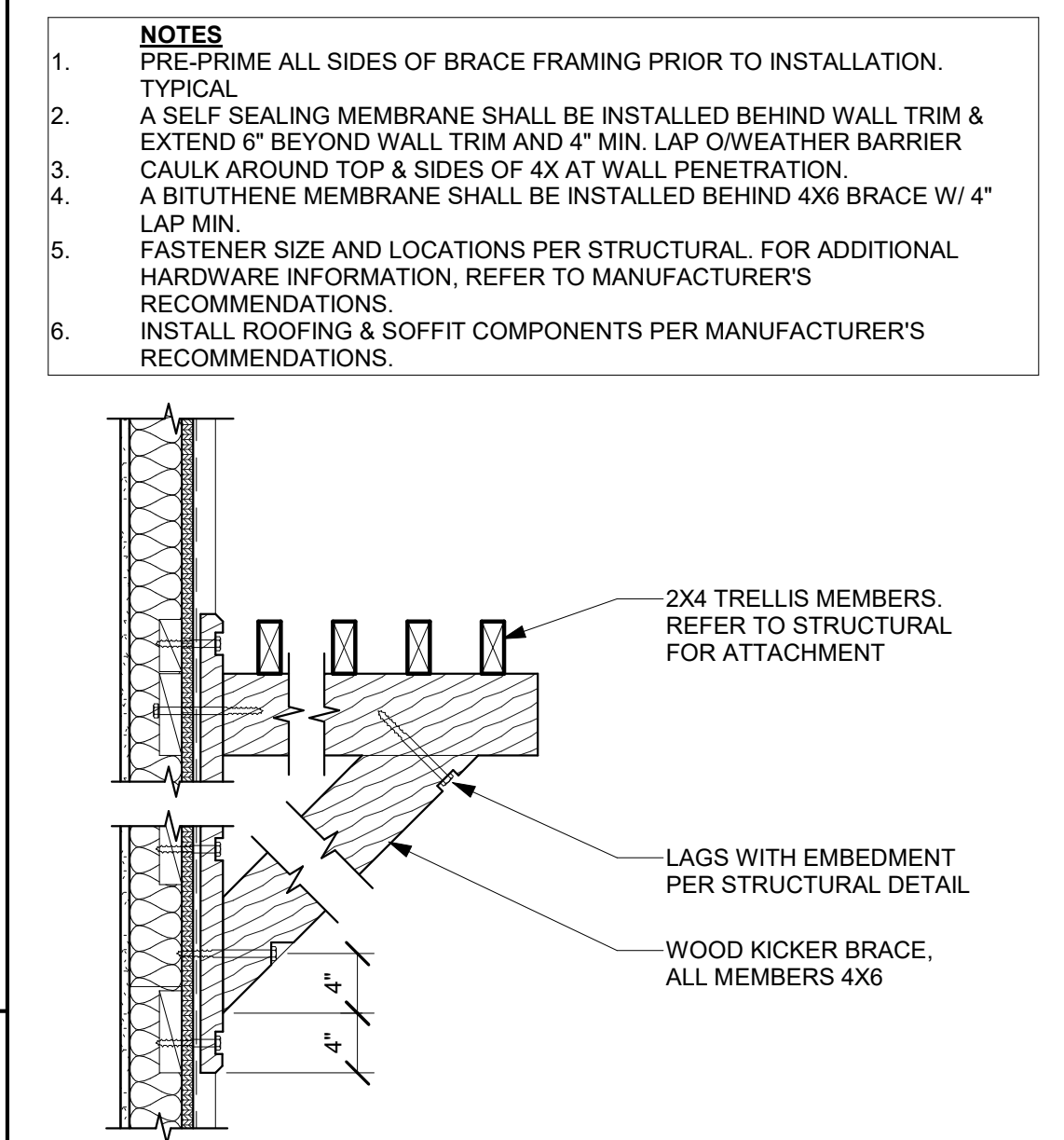
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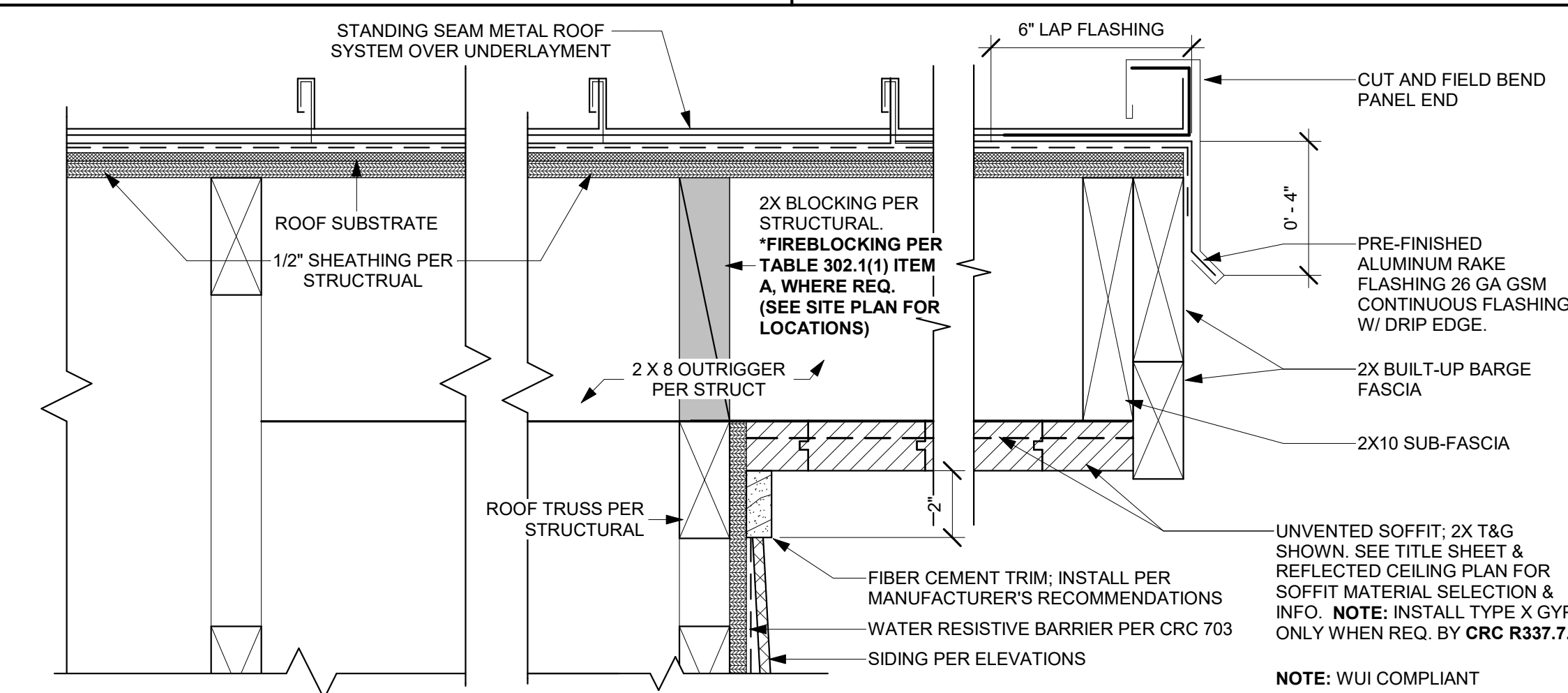
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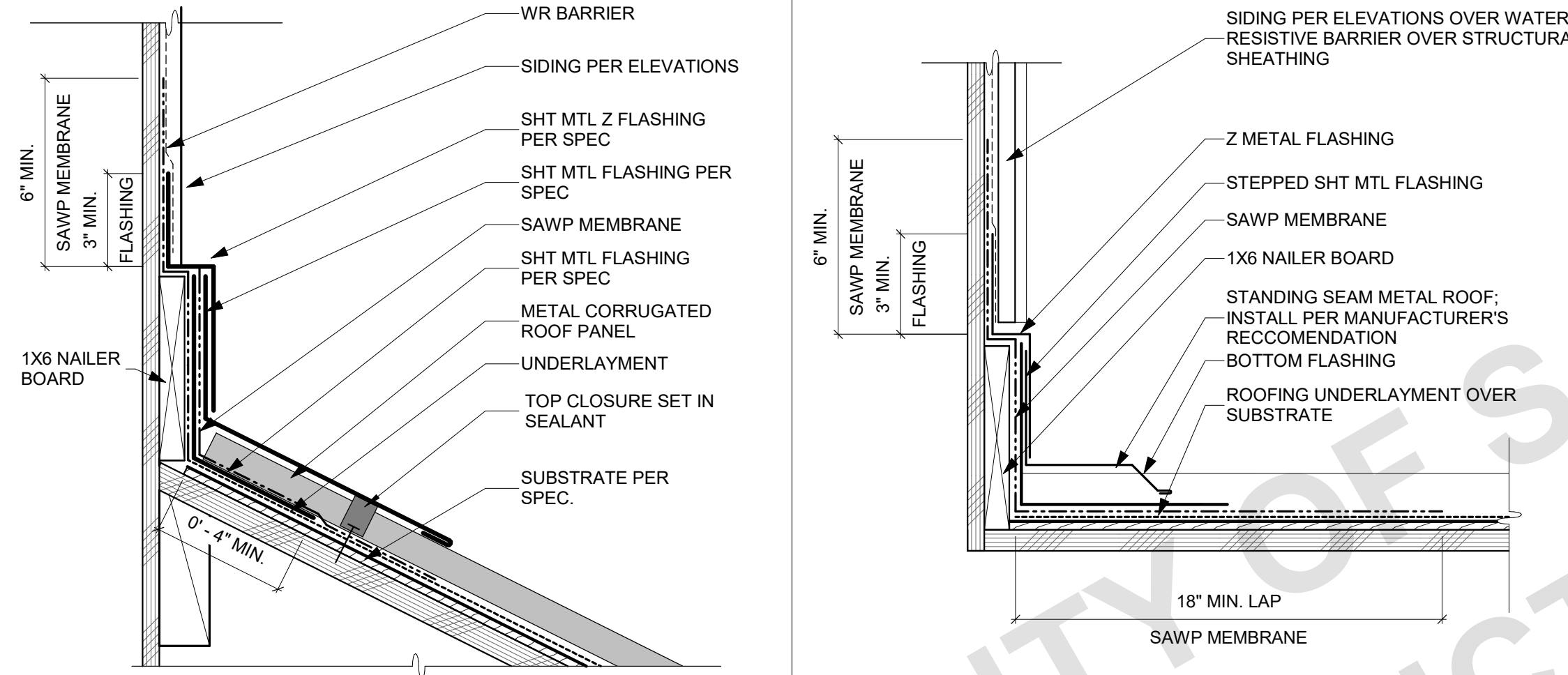
51 METAL ROOF TYP. PIPE FLASHING
SCALE: 3" = 1'-0"



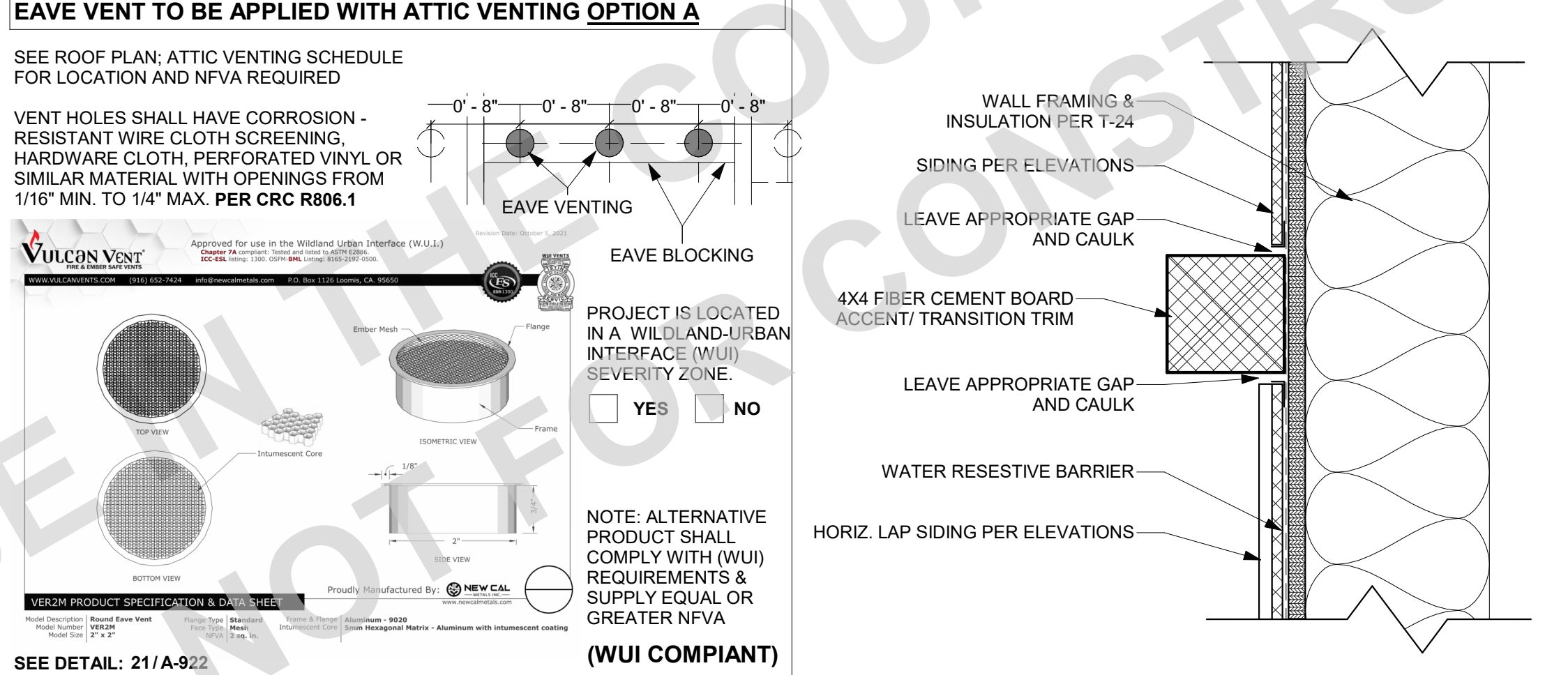
53 BRACE W/ KICKER - TRELLIS
SCALE: 1" = 1'-0"



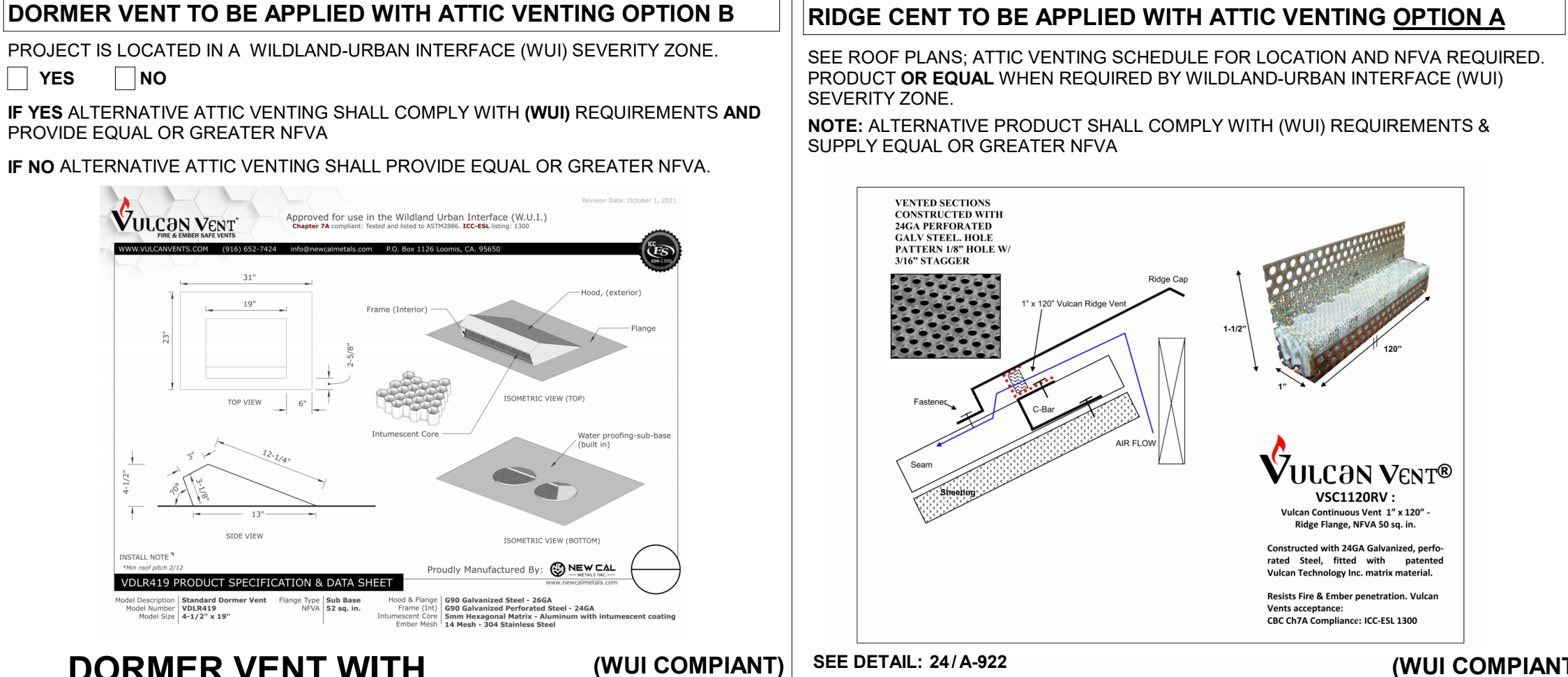
41 MODERN - METAL ROOF @ PORCH OVERHANG
SCALE: 3" = 1'-0"



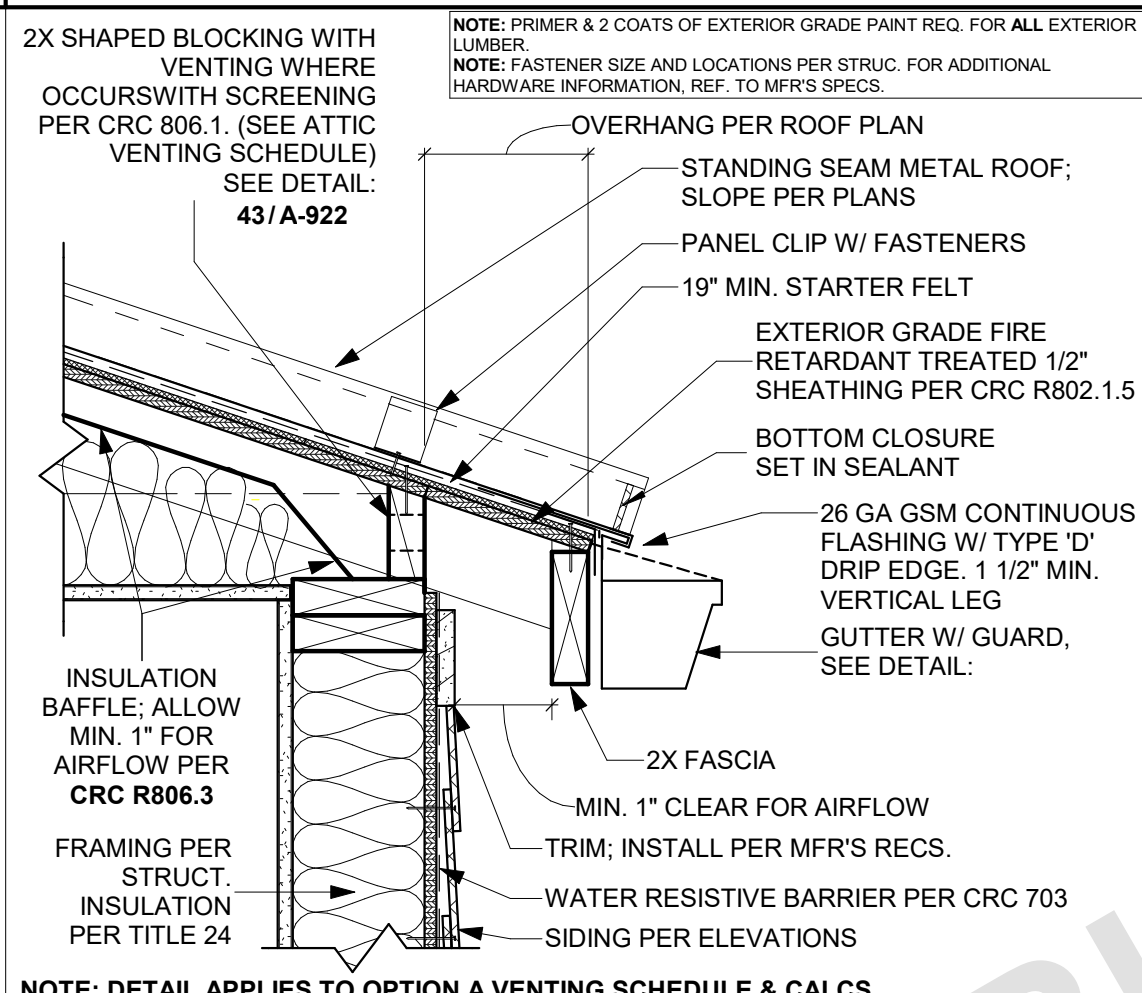
42 METAL ROOF - HEADWALL
SCALE: 3" = 1'-0"



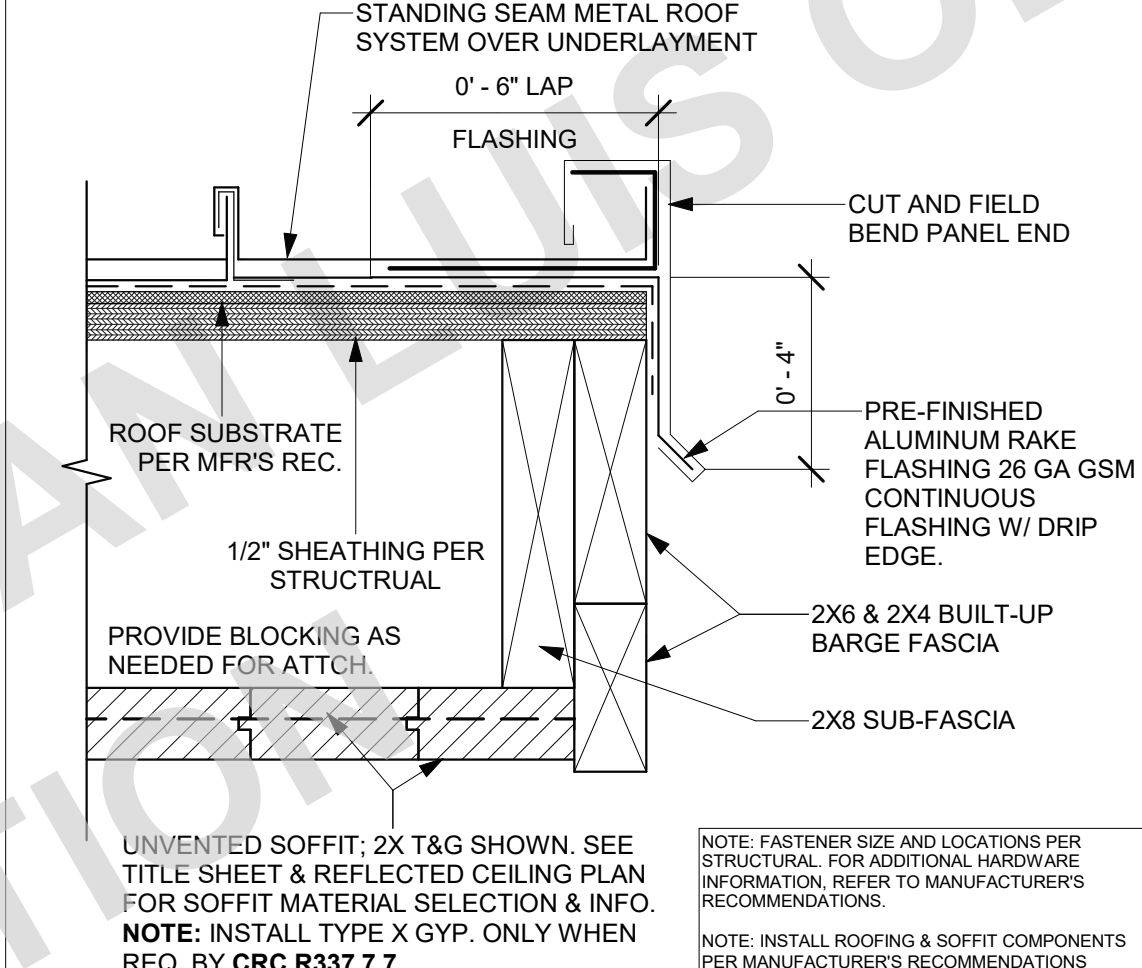
43 EAVE VENT FIRE & EMBER PROTECTION
SCALE: 1" = 1'-0"



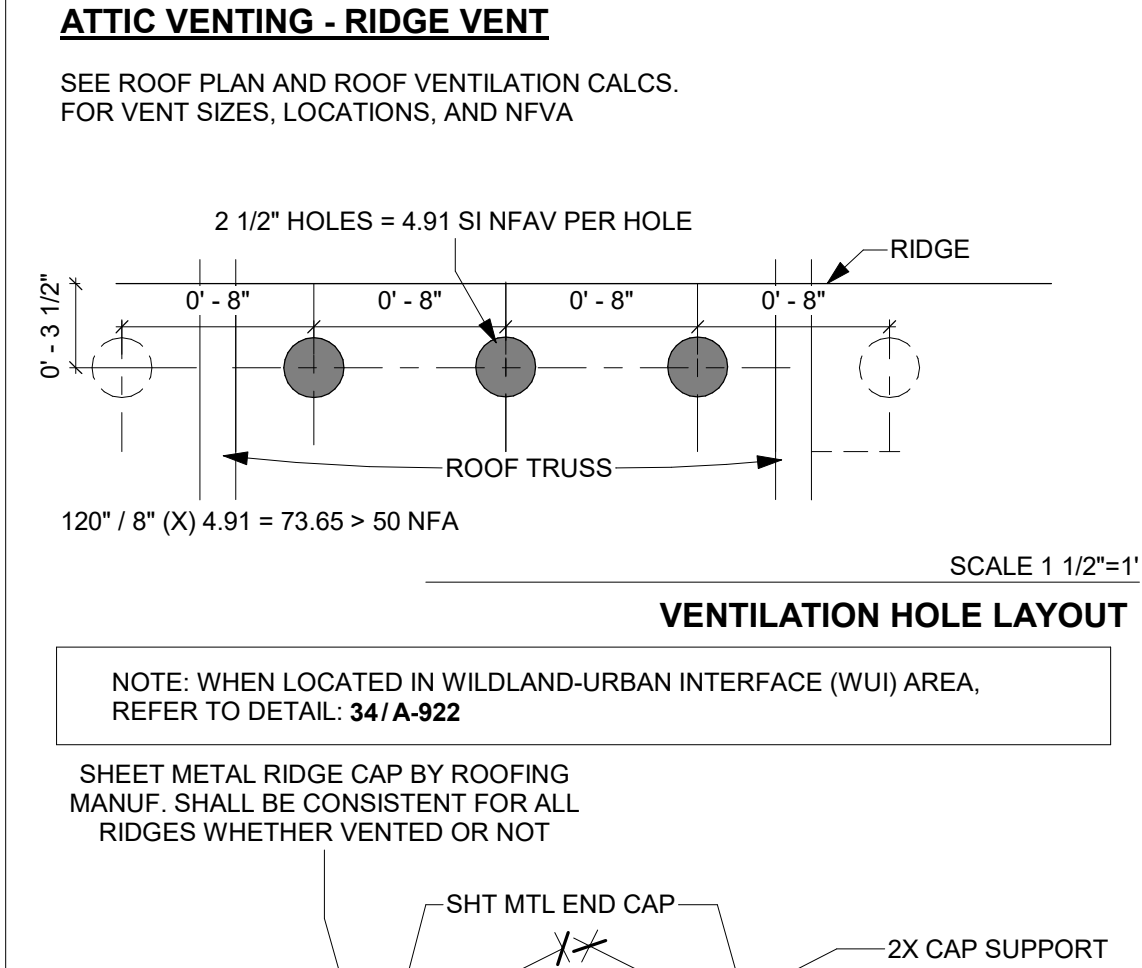
44 FIRE & EMBER PROTECTION
SCALE: 12" = 1'-0"



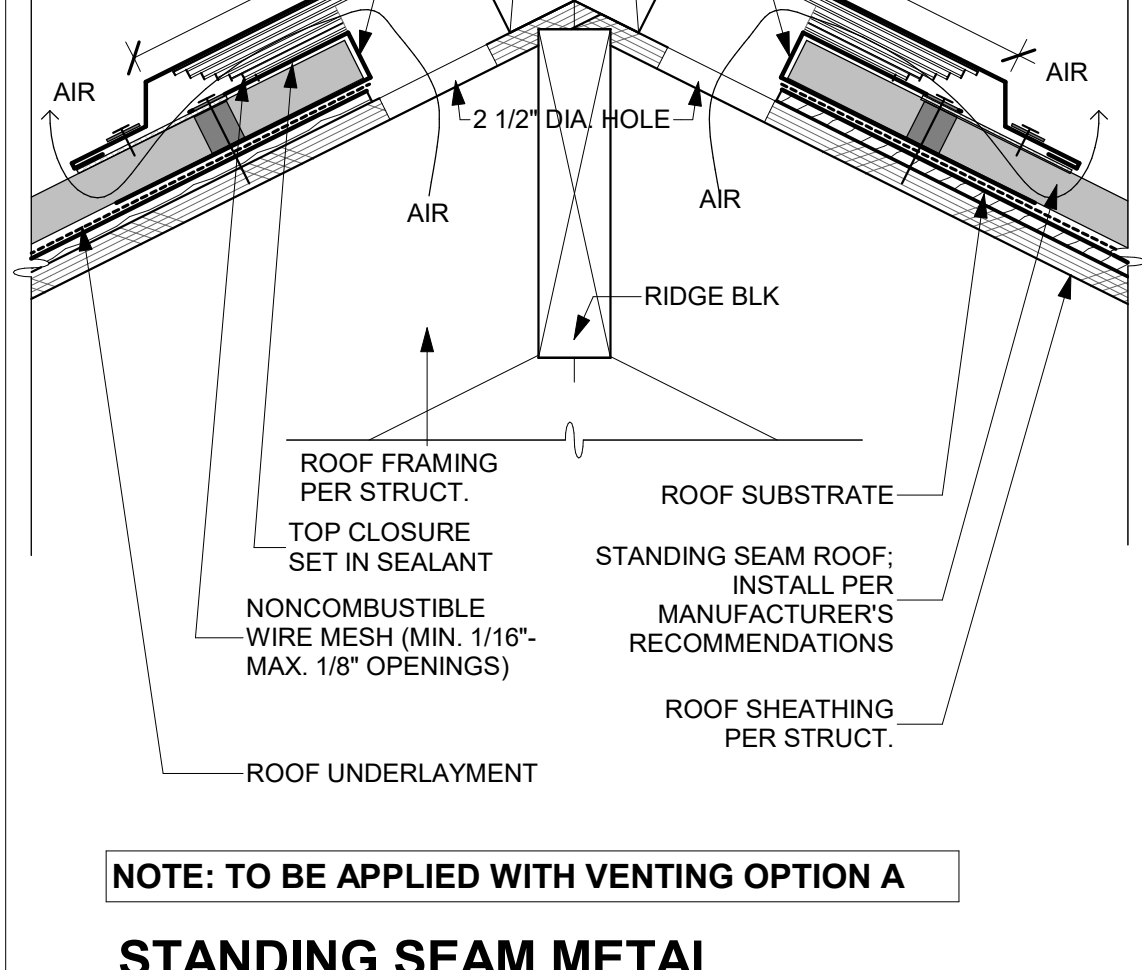
21 EAVE WITH VENTING
SCALE: 1 1/2" = 1'-0"



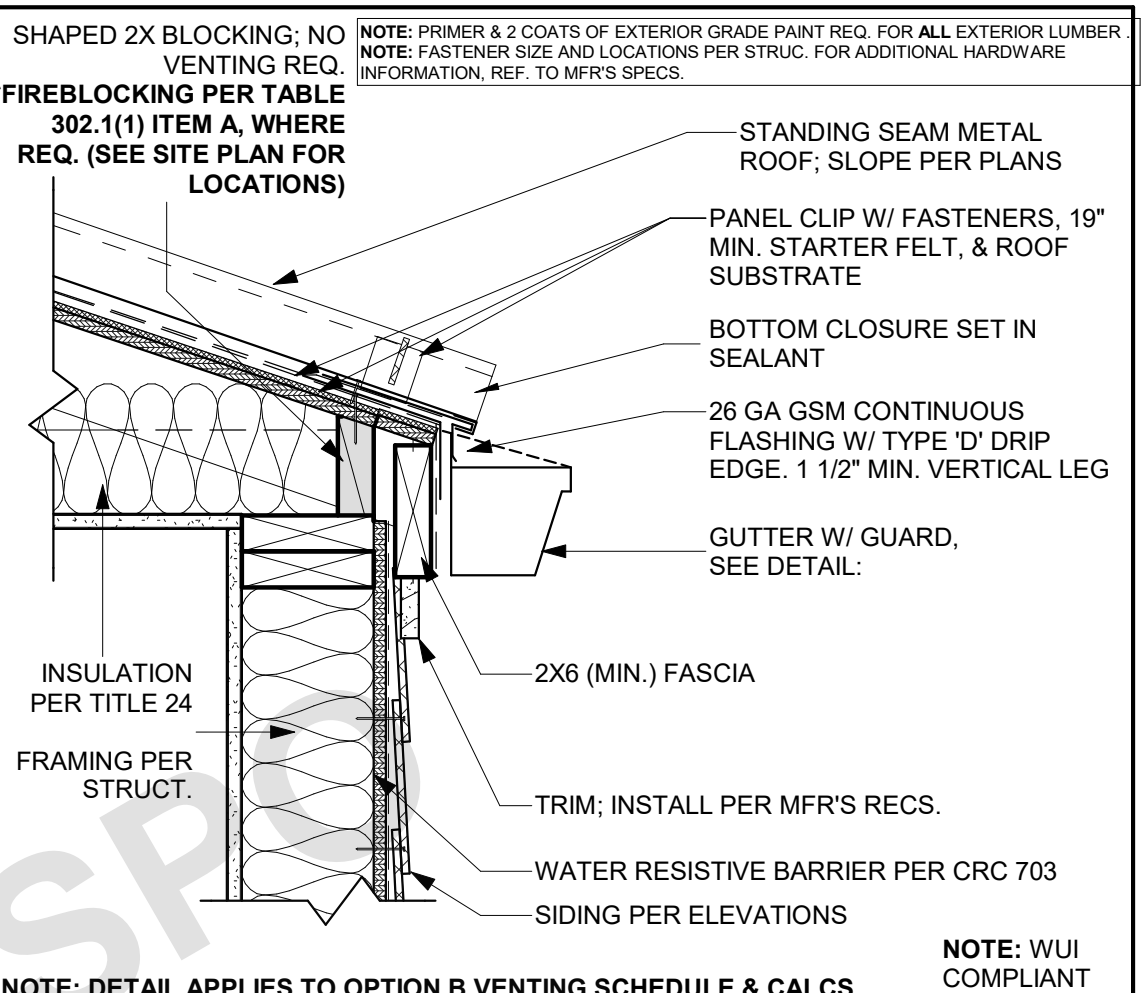
22 RAKE - METAL ROOF
SCALE: 3" = 1'-0"



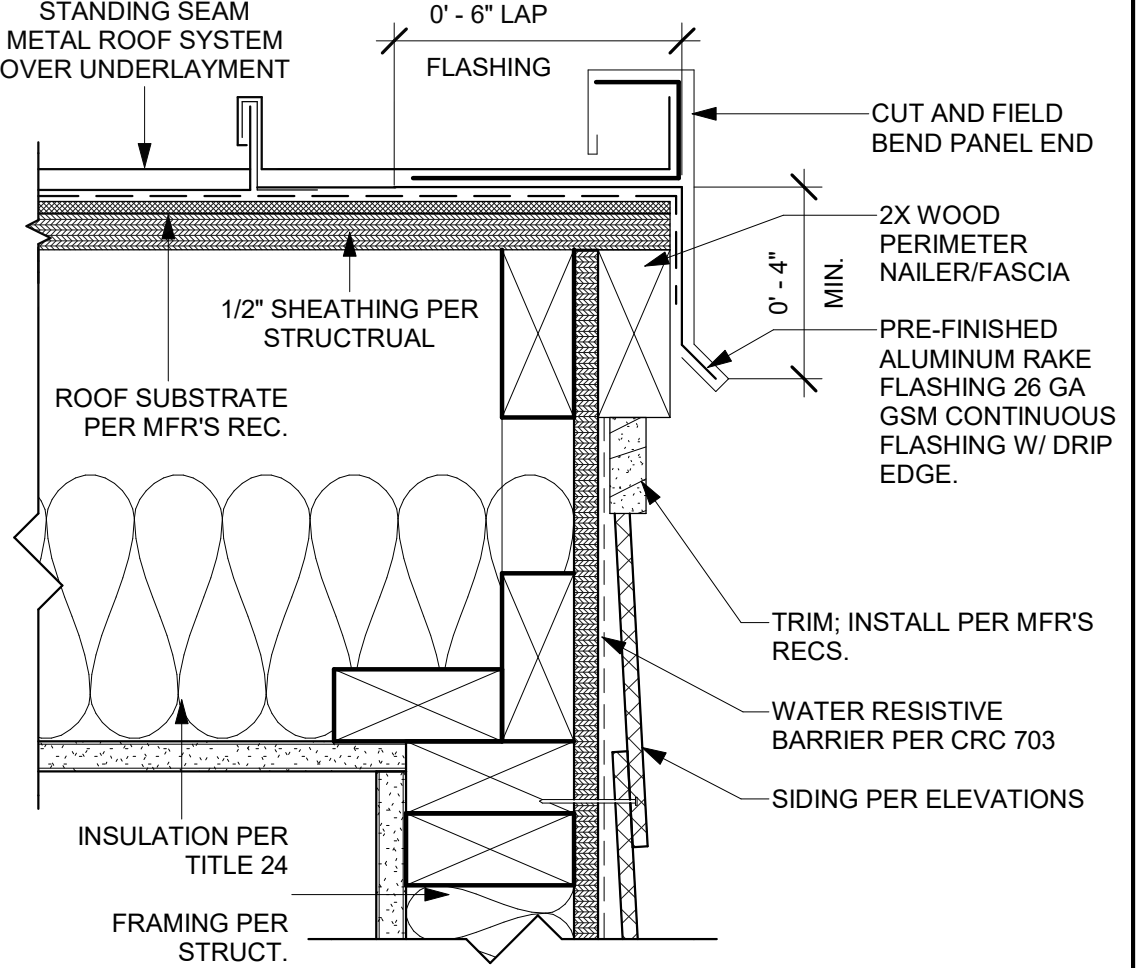
23 STANDING SEAM - ROOF HIP/RIDGE
SCALE: 1 1/2" = 1'-0"



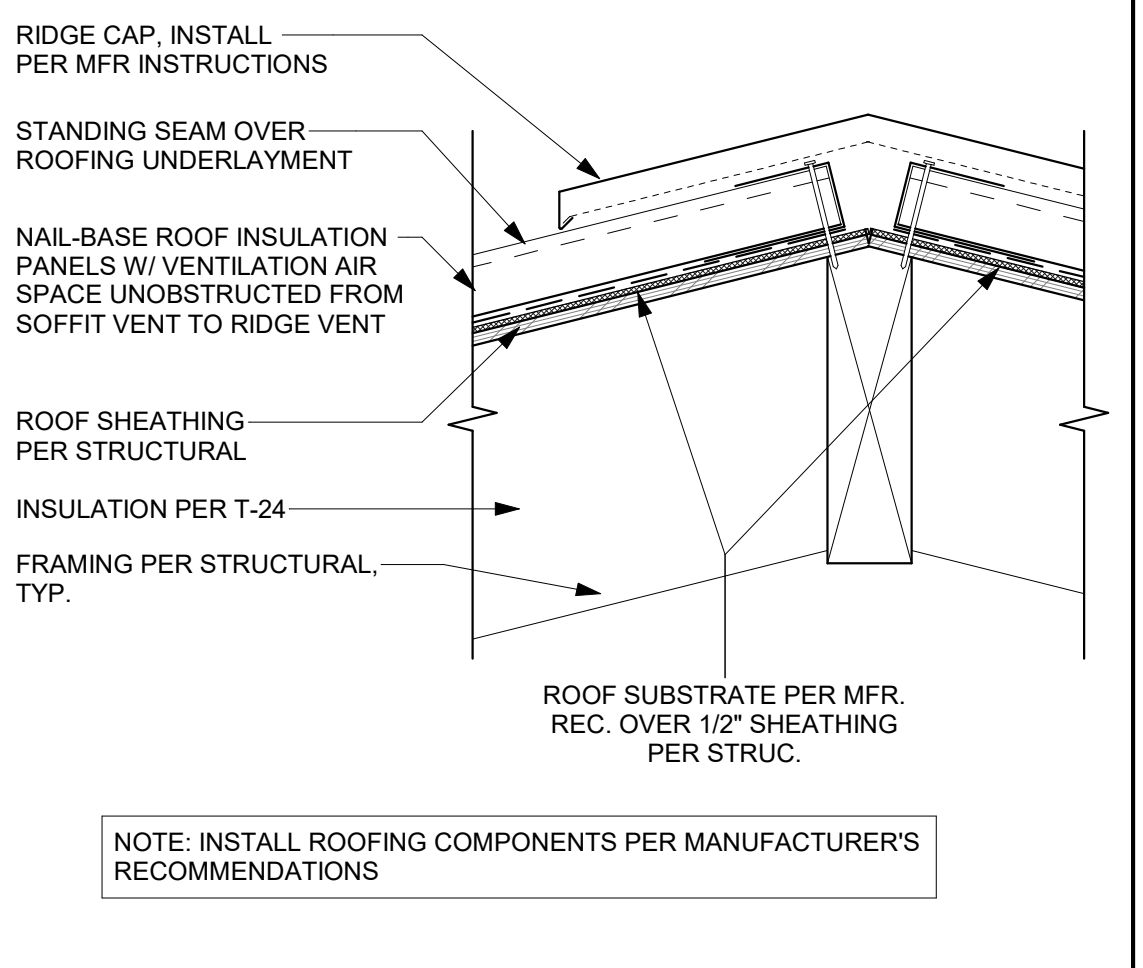
24 RIDGE WITH VENTING
SCALE: 3" = 1'-0"



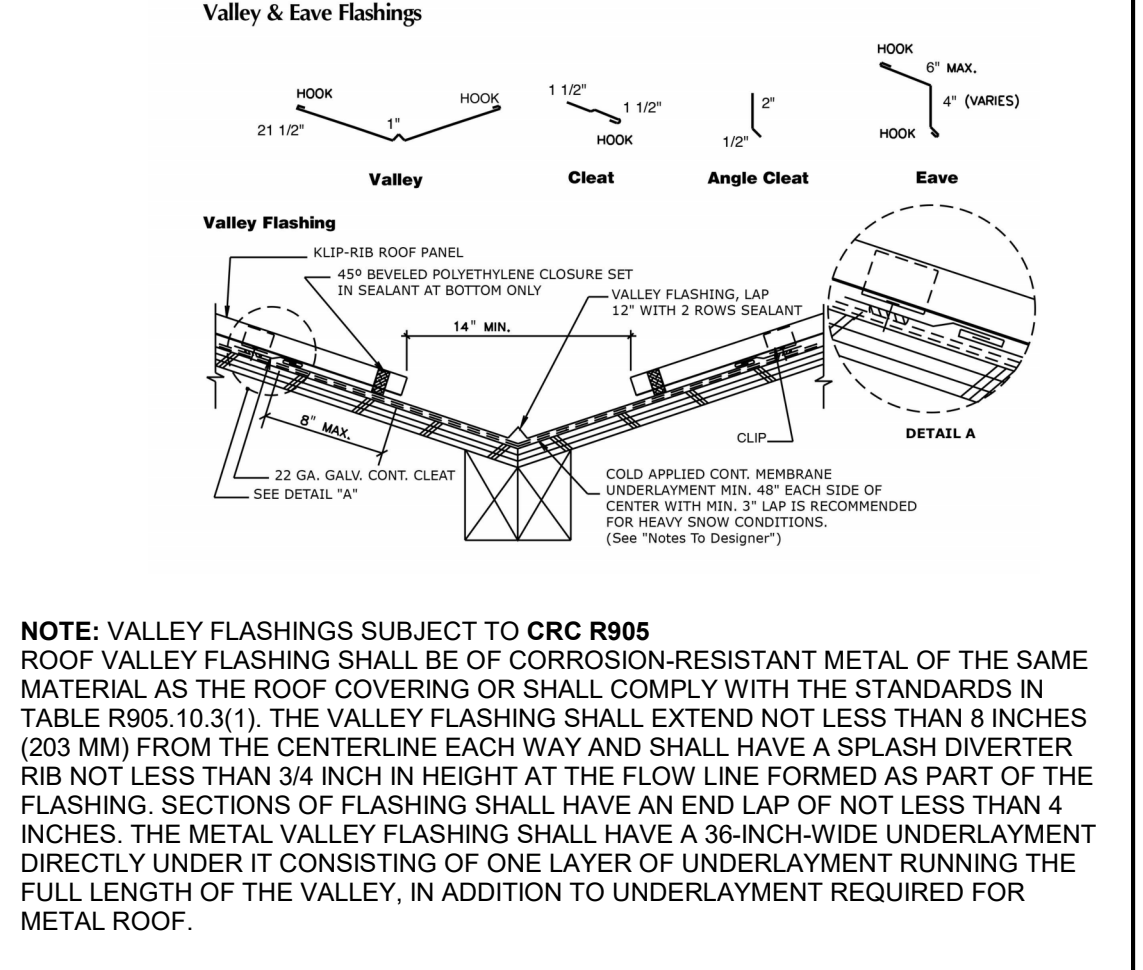
11 EAVE W/ NO VENTING REQ.
SCALE: 1 1/2" = 1'-0"



12 TYP. RAKE - METAL ROOF
SCALE: 3" = 1'-0"



13 STANDING SEAM - ROOF HIP/RIDGE
SCALE: 1 1/2" = 1'-0"

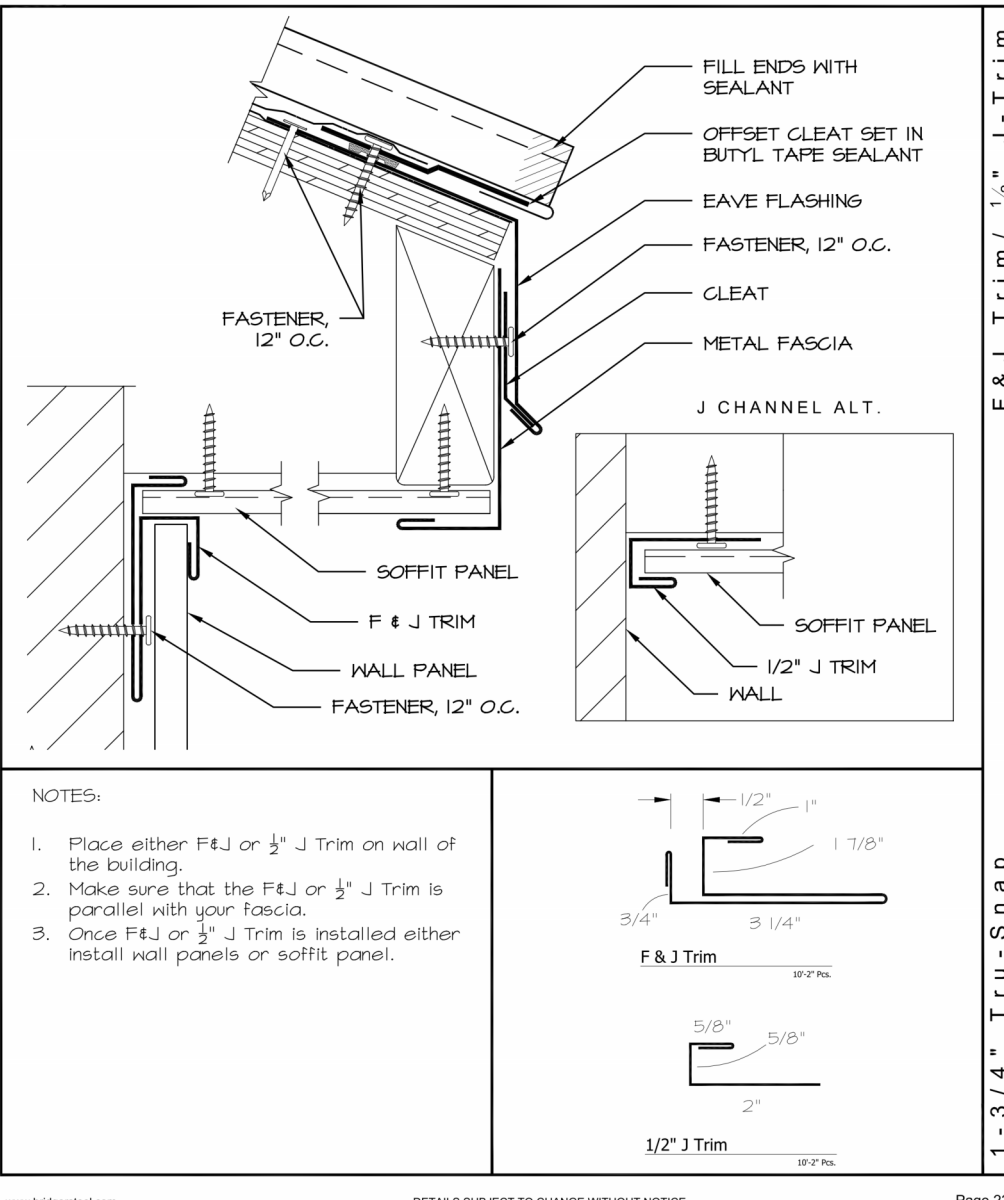


14 TYP. METAL ROOF VALLEY
SCALE: 1" = 1'-0"

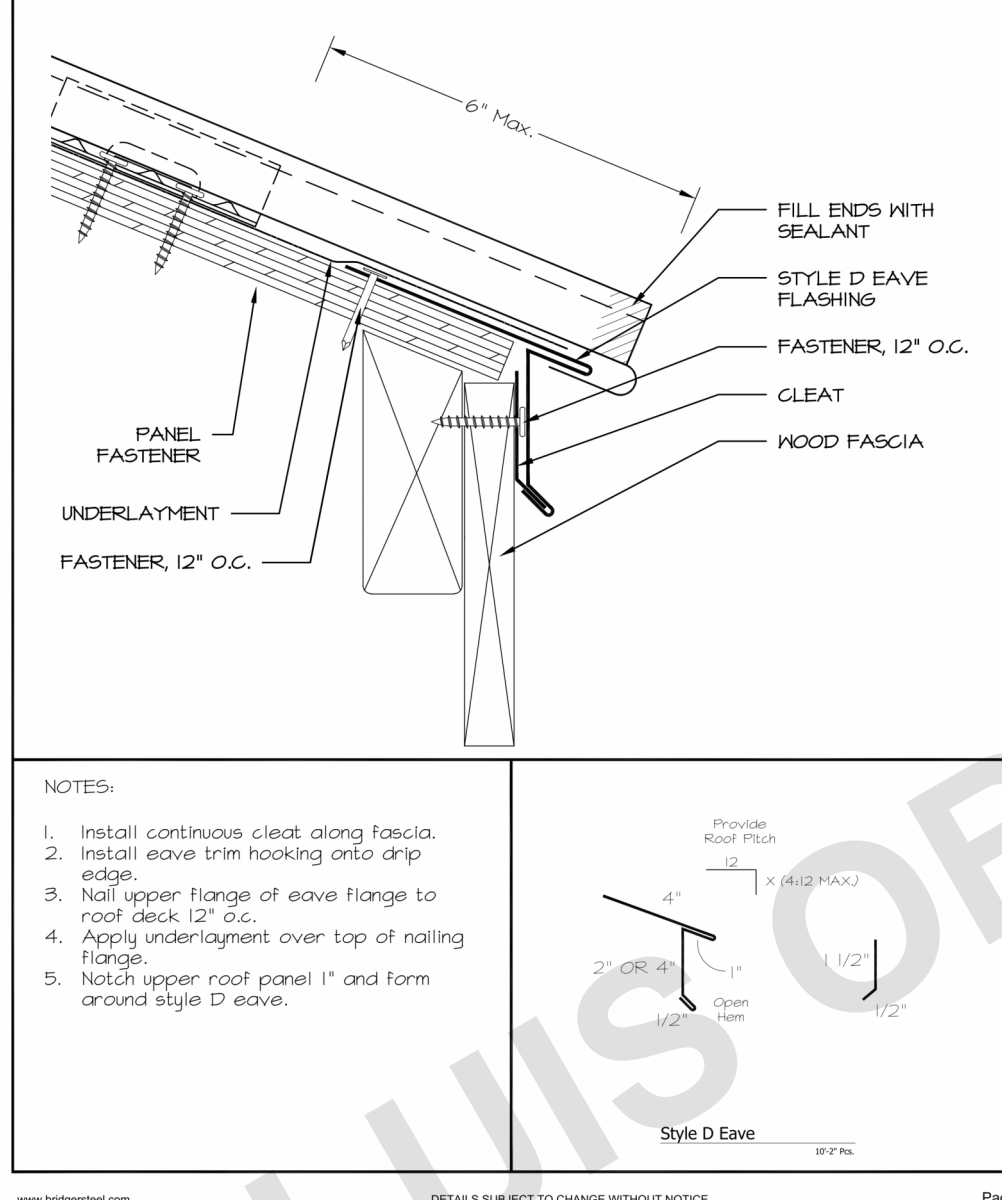
COUNTY OF SAN LUIS OBISPO
ACCESSORY DWELLING UNIT
SAN LUIS OBISPO, CA
ARCHITECTURAL DETAILS - ROOF

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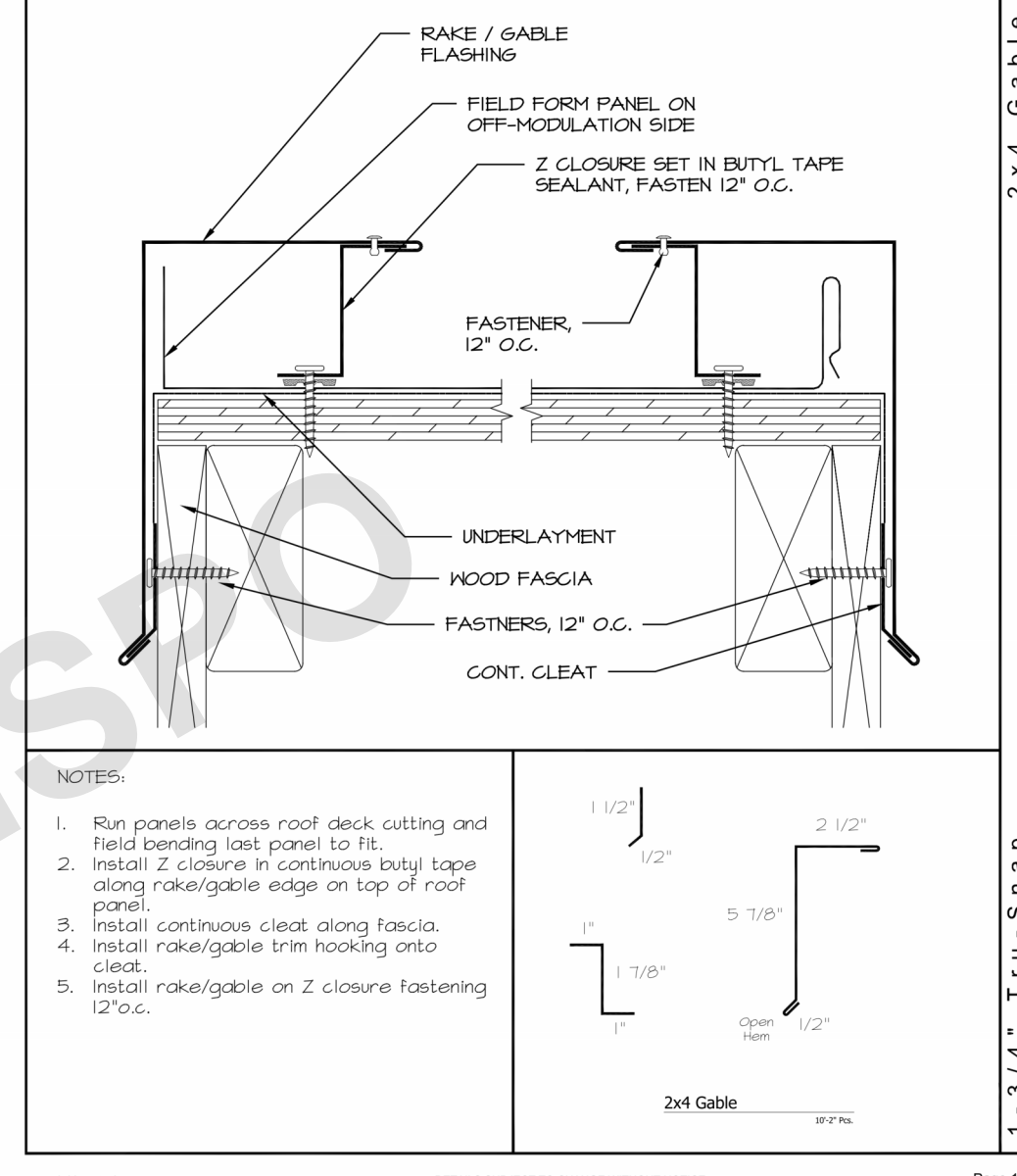
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DISCLAIMER: BRIDGER STEEL DETAILS INCLUDED FOR REFERENCE ONLY. INSTALL ALL COMPONENTS PER SELECTED MANUFACTURER'S SPECIFICATIONS & RECOMMENDATIONS.



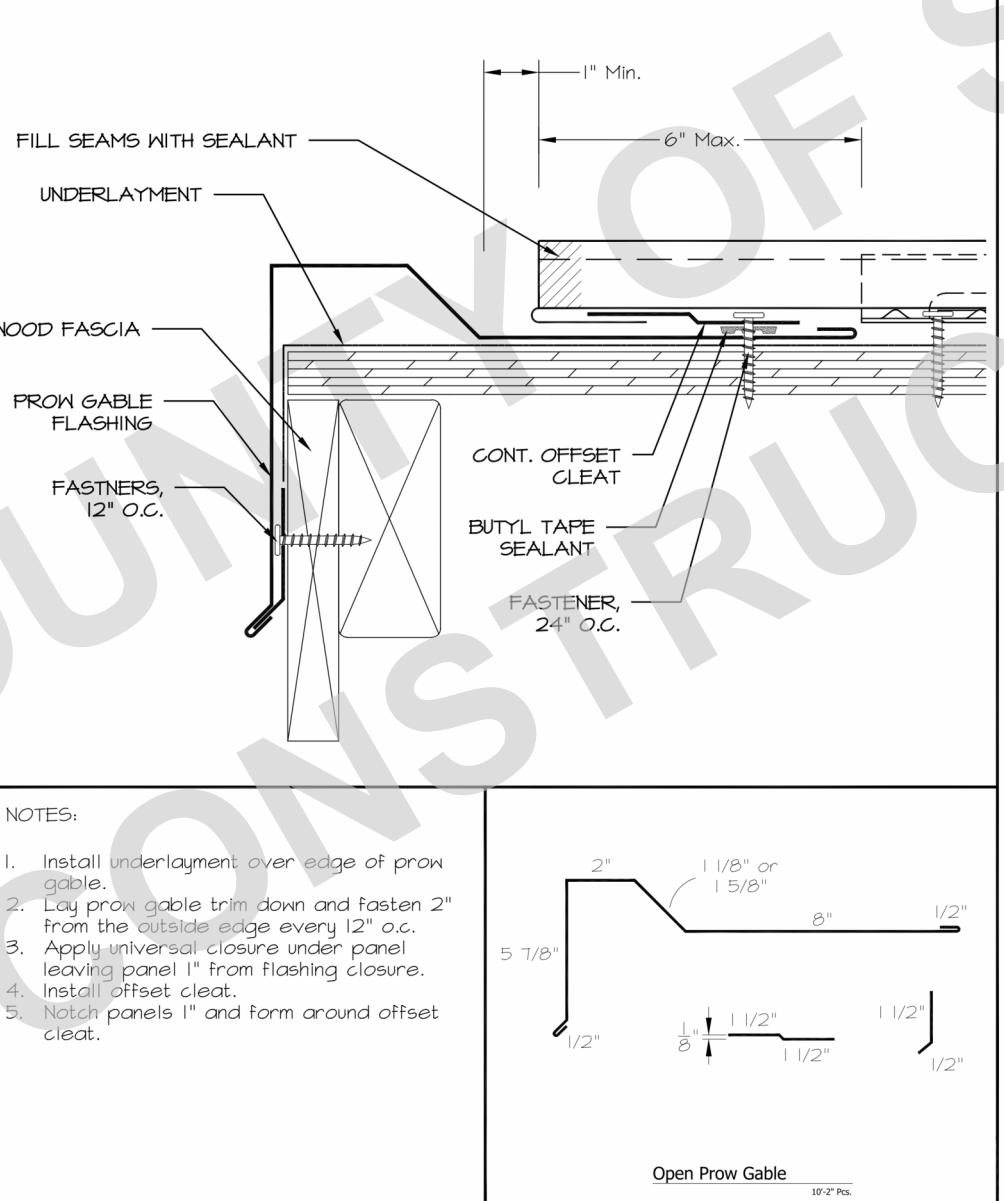
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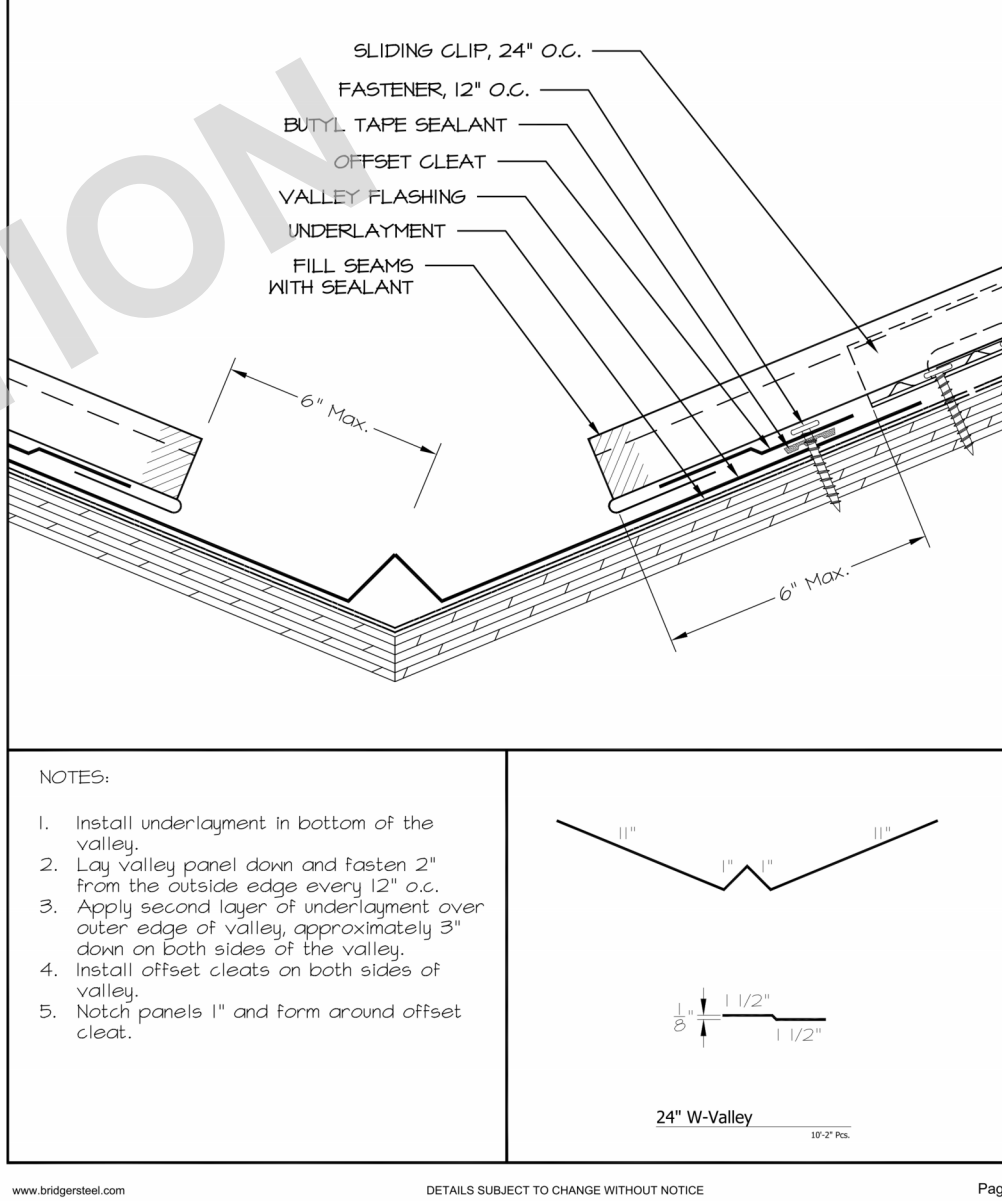
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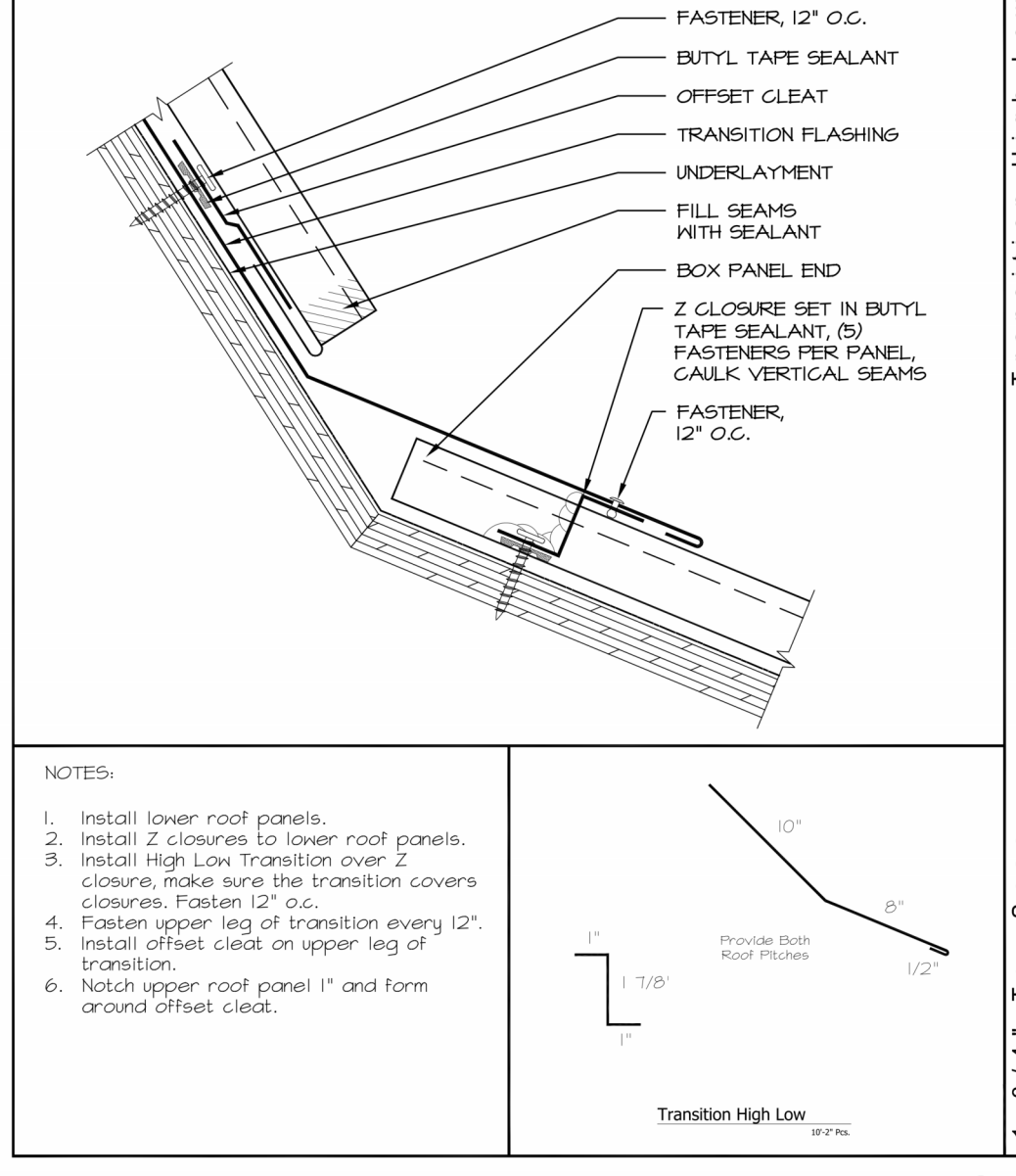
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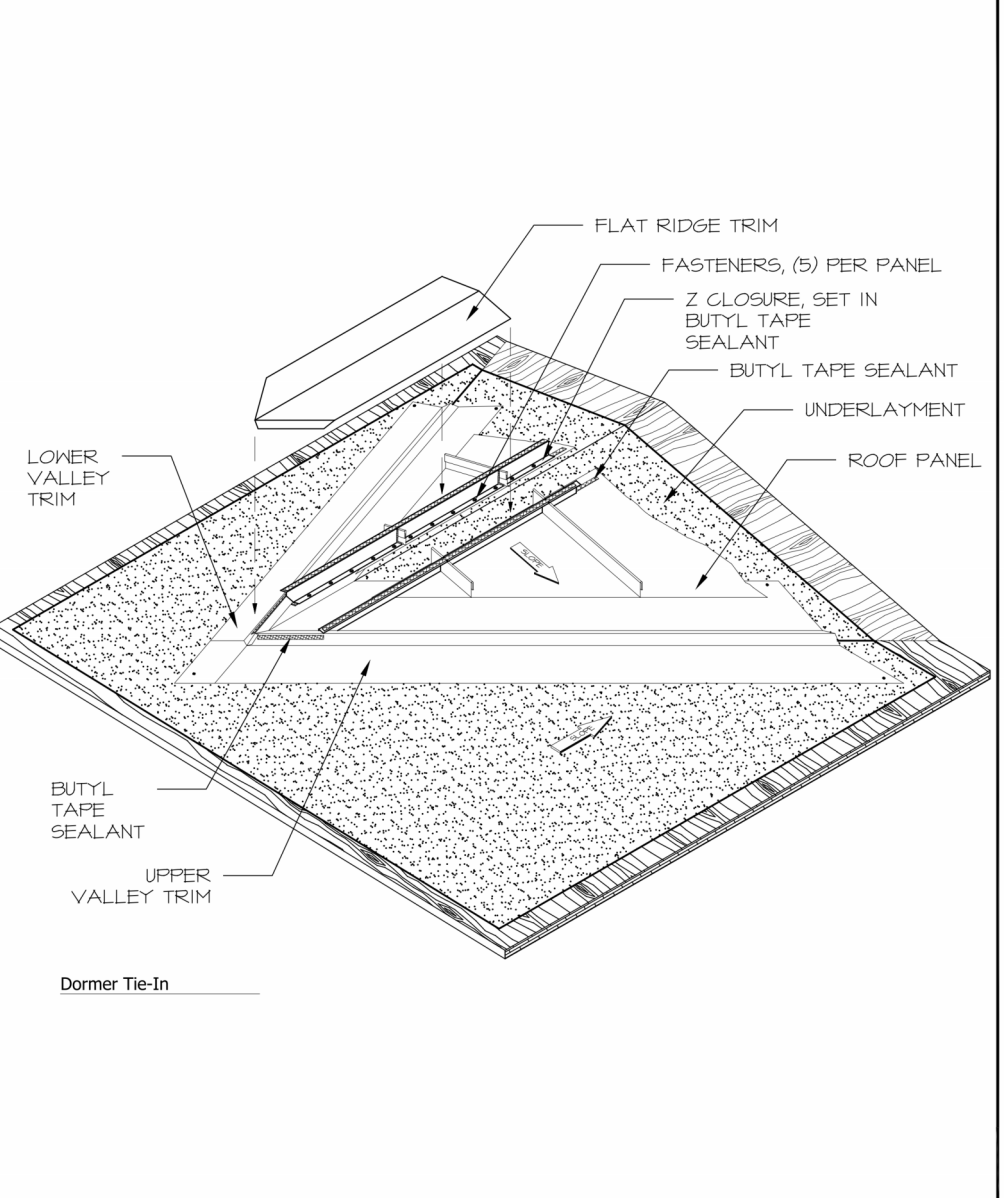
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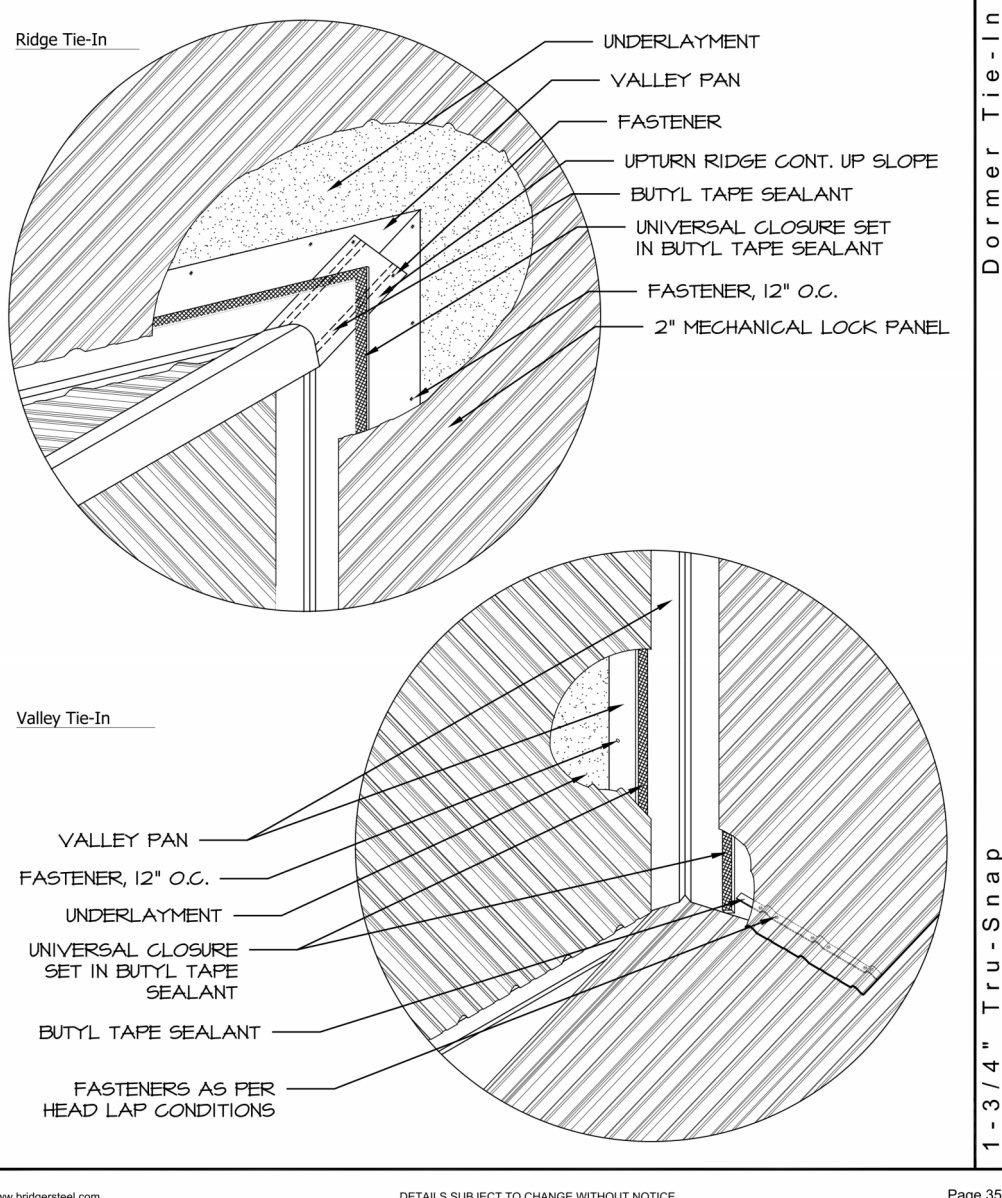
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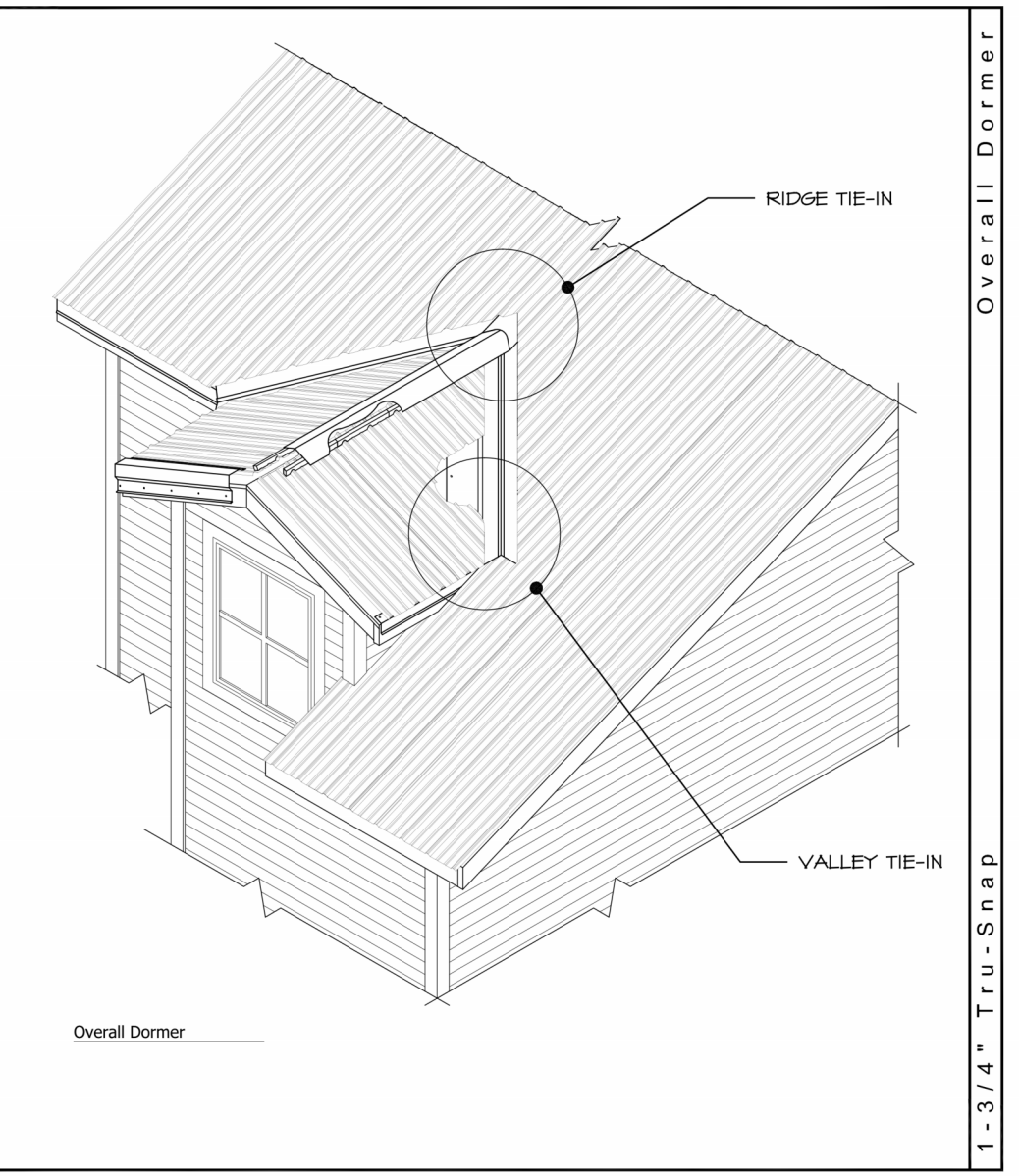
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COUNTY OF SAN LUIS OBISPO
 ACCESSORY DWELLING UNIT
 SAN LUIS OBISPO, CA

METAL ROOF DETAIL REFERENCES

SYMBOLS

WALL TYPES

SHEET INDEX

	DETAIL REFERENCE BUBBLE WITH LEADER		INDICATES SHEAR WALL TYPE AND LENGTH. PER SHEAR WALL SCHEDULE		INDICATES TOP PLATE SPLICE NAILING PER SCHEDULE
	DETAIL REFERENCE BUBBLE		INDICATES SPAN AND DIRECTION OF PREFABRICATED ROOF TRUSS (BY OTHERS)		INDICATES SHEAR WALL STRAP / HOLD-DOWN TYPE PER SCHEDULE
	FULL HEIGHT SECTION INDICATOR		INDICATES SPAN AND DIRECTION OF ROOF RAFTER OR FLOOR JOIST WITH WEB STIFFENER		INDICATES PAD FOOTING TYPE PER SCHEDULE
	ELEVATION OF WALL OR FRAME		INDICATES SPAN AND DIRECTION OF ROOF RAFTER OR FLOOR JOIST		INDICATES CONTINUOUS FOOTING TYPE PER SCHEDULE
	NORTH ARROW		INDICATES HEADER @ OPENING PER HEADER SCHEDULE		ANGLE BRACE
	TOP/BOTTOM OF ELEVATIONS		EARTH LAYER		DOUBLE ANGLE BRACE
	SLOPE		INDICATES SAND OR GROUT		DRAG STRUT CONNECTION
	WELDED WIRE FABRIC (WWF LAYER)		INDICATES GRAVEL		FULL HEIGHT STIFFENER CONNECTION
	STEPPED SURFACE: FLOOR DEPRESSION		STEEL IN CROSS SECTION		MOMENT CONNECTION
	SLOPED SURFACE		INDICATES BEARING WALL		MEMBER SPLICE
	STEPPED FOOTING		SHADED AREA INDICATES CALIFORNIA FRAMING		TOP OF STEEL ± ELEVATION
	BOTTOM STEPPED FOOTING		SHADED AREA INDICATES FOOTPRINT OF FLOOR ABOVE		NUMBER OF EVENLY SPACED SHEAR STUDS
			STEEL HSS TUBE COLUMN		SPECIAL STUD SPACING SEE TYPICAL STEEL DETAILS
			STEEL HSS OR PIPE COLUMN		BEAM CAMBER AT MID-SPAN
			WIDE FLANGE STEEL COLUMN		
			WOOD POST		

	INDICATES PLYWOOD SIDE FOR SHEARWALL
	INDICATES BEARING WOOD WALL BELOW
	INDICATES BEARING WOOD WALL ABOVE
	INDICATES NON-BEARING WOOD WALL BELOW
	INDICATES NON-BEARING WOOD WALL ABOVE
	INDICATES EXISTING BEARING WOOD WALL
	INDICATES EXISTING NON-BEARING WOOD WALL
	INDICATES BEARING CMU WALL BELOW
	INDICATES BEARING CMU WALL ABOVE
	INDICATES NON-BEARING CMU WALL BELOW
	INDICATES NON-BEARING CMU WALL ABOVE
	INDICATES EXISTING BEARING CMU WALL
	INDICATES EXISTING NON-BEARING CMU WALL
	INDICATES BEARING CONCRETE WALL BELOW
	INDICATES BEARING CONCRETE WALL ABOVE
	INDICATES NON-BEARING CONCRETE WALL BELOW
	INDICATES NON-BEARING CONCRETE WALL ABOVE
	INDICATES EXISTING BEARING CONCRETE WALL
	INDICATES EXISTING NON-BEARING CONCRETE WALL

S-101	SHEET INDEX, ABBREVIATIONS & SYMBOLS
S-102	GENERAL NOTES
S-103	GENERAL NOTES, SPECIAL INSPECTION & TESTS
S-201	FOUNDATION PLAN - MODERN
S-202	ROOF FRAMING PLAN - MODERN
S-301	TYPICAL CONCRETE DETAILS
S-311	CONCRETE DETAILS
S-312	CONCRETE DETAILS
S-401	TYPICAL WOOD DETAILS
S-402	TYPICAL WOOD DETAILS
S-403	TYPICAL WOOD DETAILS
S-404	TYPICAL WOOD DETAILS
S-421	ROOF FRAMING DETAILS
S-422	ROOF FRAMING DETAILS



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ABBREVIATIONS

A & B	ABOVE AND BELOW	d	PENNY (NAIL OR BAR DIA)	HDR	HEADER	PA	POST ABOVE	T & B	TOP AND BOTTOM
AB	ANCHOR BOLT	DBL	DOUBLE	HGR	HANGER	PARA OR //	PARALLEL	T & G	TONGUE & GROOVE
ABV	ABOVE	DEPT	DEPTH	HP	HIGH POINT	PC	PRECAST; PIECE	TO	TOP OF
ACI	AMERICAN CONCRETE INSTITUTE	DET	DETAIL	HSB	HORIZONTALLY SLOTTED HOLES	PERP	PERPENDICULAR	TOC	TOP OF CURB; TOP OF CONCRETE
ADDL	ADDITIONAL	DF	DOUGLAS FIR/LARCH	HT	HEIGHT	PLY	PLYWOOD INDEX	TOF	TOP OF FOOTING
ADJ	ADJACENT	DIA OR Ø	DIAMETER	ID	INSIDE DIAMETER	R OR PL	R PLATE	TEMP	TEMPERATURE; TEMPORARY
AESS	ARCHITECTURAL EXPOSED STRUCTURAL STEEL	DIAG	DIAGONAL	IF	INSIDE FACE	PL	PROPERTY LINE	THRU	THROUGH
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	DIAPH	DIAPHRAGM	I-JST	I-JOIST	PLF	PONDS PER LINEAL FOOT	THK	THICKNESS/HICK
ALT	ALTERNATE	DN	DOWN	IN	INCH	PLCS	PLACES	THR	THREADED
ALUM	ALUMINIUM	DO	DO OVER	INCL	INCLUDE	PLY	PLYWOOD	TOP OF 1	TOP
ANCH	ANCHOR	DWG	DRAWING	INFO	INFORMATION	PROP	PROPERTY	TOS	TOP OF STEEL/TOP OF SLAB
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	DWL	DOWEL	INSP	INSPECTION	PT	PRESSURE TREATED	TOW	TOP OF WALL
APA	ENGINEERED WOOD ASSOCIATION (FORMERLY THE AMERICAN PLYWOOD ASSOCIATION)	EA	EACH	INT	INTERIOR	PW	PLATE WASHER	TS	TRIMMER STUD
APPVD	APPROVED	EF	EACH FACE	JST	JOIST	PJP	PARTIAL JOINT PENETRATION WELD	TYP	TYPICAL
APPROX	APPROXIMATE	EJ	EXPANSION JOINT	JOINT	JOINT	PREFAB	PREFABRICATED	UNO	UNLESS NOTED OTHERWISE
ARCH	ARCHITECTURAL; ARCHITECT	EL	ELEVATION	K	KIPS	PSF	POUNDS PER SQUARE FOOT	UT	ULTRA-SONIC TEST
AWPA	AMERICAN WOOD PRESERVERS ASSOCIATION	ELEV	ELECTRICAL	KS	KING STUD	PSI	POUNDS PER SQUARE INCH	VERT	VERTICAL
AWS	AMERICAN WELDING SOCIETY	EMBED	EMBEDMENT	KP	KING POST	PSL	PARALLEL STRAND LUMBER	VSH	VERTICAL SLOTTED HOLES
AITC	AMERICAN INSTITUTE OF TIMBER CONSTRUCTION	EN	ENGINEER	KSI	KIPS PER SQUARE INCH	PVMT	PAVEMENT	W/	WITH
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS	ENGR	ENGINEER	LB(S) OR #	POUND(S)	#	POUND; NUMBER	W/O	WITHOUT
BLDG	BUILDING	EQ	EQUAL OR EQUIVALENT	LF	LINEAL FOOT	REF	REFERENCE	WO	WHERE OCCURS
BLK	BLOCK	EQV	EQUAL OR EQUIVALENT	LN	LINEAL; LINEAR	REINF	REINFORCE; REINFORCING	WD	WOOD
BLKG	BLOCKING	EQV	EQUAL OR EQUIVALENT	LH	LONG LEG HORIZONTAL	REQD	REQUIRED	WP	WORK POINT; WATERPROOF
BM	BEAM	EW	EACH WAY	LLV	LONG LEG VERTICAL	RF	ROOF	WWF	WELDED WIRE FABRIC
BN	BOUNDARY NAIL	EXIST or [E]	EXISTING	LP	LOW POINT	R	ROOF RAFTER		
BOT OR B	BOTTOM	EXT	EXTERIOR	LSH	LONG SLOTTED HOLES	Ø	ROUND; DIAMETER		
BRAC	BRACE	FDN	FOUNDATION	LSL	LAMINATED STRAND LUMBER	SCHED	SCHEDULE	W	W SHAPE
BRG	BEARING	FIN	FINISH	LT WT	LIGHTWEIGHT	SECT	SECTION	C	AMERICAN STD CHANNEL SHAPE
BTWN	BETWEEN	FJ	FLOOR JOIST	LVL	LEVEL OR LAMINATED VENEER LUMBER	SEP	SEPARATION	MC	MISC CHANNEL SHAPE
CANT	CANTILEVER	FLG	FLANGE	MAS	MASONRY	SHT	SHEET	L	ANGLE SHAPE
CAMB	CAMBER	FLR	FLOOR	MATL	MATERIAL	SHTG	SHEATHING	WT, ST, MT	STRUCT TEE SHAPE
CAM OR C	CAMBER	MACH	MACHINE BOLT	MAX	MAXIMUM	SIM	SMILAR	PIPE	STANDARD PIPE SHAPE
CC	CENTER TO CENTER	MECH	MECHANICAL	MB	MACHINE BOLT	SOG	SLAB ON GRADE	PIPE-X	EXTRA STRONG PIPE SHAPE
CG	CENTER OF GRAVITY	MFR	MANUFACTURER	MIN	MINIMUM; MINUTE	SN	SHEAR NAIL	PIPE-XX	DBL EXTRA STRONG PIPE SHAPE
CP	CAST-IN-PLACE	MISC	MISCELLANEOUS	MIN	MINIMUM; MINUTE	SPCG	SPACING	HSS	HOLLOW STRUCTURAL SECTION
CJ	CONSTRUCTION JOINT; CONTROL JOINT	[N]	NEW	NO or #	NOT TO SCALE	SPECS	SPECIFICATIONS		
CL	CENTER LINE	N	NORTH	NTS	NOT TO SCALE	SQ	SQUARE		
CLR	CLEARANCE; CLEAR	NO or #	NUMBER	OC	ON CENTER	SS	STAINLESS STEEL		
CMU	CONCRETE MASONRY UNIT	NTS	NOT TO SCALE	OD	OUTSIDE DIAMETER	SSL	SHORT SLOTTED HOLES		
COL	COLUMN	OC	ON CENTER	OH	OUTSIDE FACE	STD	STANDARD		
COMP	COMPRESSION	OD	OUTSIDE DIAMETER	OH	OUTSIDE FACE	STGR	STAGGER		
CONC	CONCRETE	OF	OPPOSITE HAND	OH	OUTSIDE FACE	STIFF	STIFFENERS		
CONN	CONNECTION; CONNECT	OH	OPPOSITE HAND	OPNG	OPENING	STIRR	STIRRUP		
CONSTR	CONSTRUCTION	OPP	OPPOSITE	ORIG	ORIGINAL	STL	STEEL		
CONT	CONTINUE; CONTINUOUS	OSB	ORIENTED STRAND BOARD	OSB	ORIENTED STRAND BOARD	STRUCT	STRUCTURAL		
CONTR	CONTRACTOR					SW	SHEAR WALL		
CJP	COMPLETE JOINT PENETRATION WELD					SYM	SYMMETRICAL		
CTR	CENTER					TB	TIE BEAM		
CTS&K	COUNTERSINK; COUNTERSUNK								
CU FT	CUBIC FOOT								

COUNTY OF SAN LUIS OBISPO
ACCESSORY DWELLING UNIT
SAN LUIS OBISPO, CA

SHEET INDEX,
ABBREVIATIONS & SYMBOLS

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REQUIRED VERIFICATION AND INSPECTIONS

WOOD CODE CHAPTER 17 AND REFERENCED 2018 NDS AND AWC SDPWS-2015			
SPECIAL INSPECTION OR TEST	CONTINUOUS	PERIODIC	CBC REFERENCE
1. HIGH LOAD DIAPHRAGM WOOD STRUCTURAL PANELS - VERIFY THE FOLLOWING: - GRADE - THICKNESS - NOMINAL SIZE OF FRAMING MEMBERS AT ADJOINING PANEL EDGES - NAIL OR STAPLE DIAMETER AND LENGTH - NUMBER OF FASTENER LINES - SPACING BETWEEN FASTENERS IN EACH LINE - SPACING BETWEEN FASTENERS AT EDGE MARGINS	---	X	1705.5.1 2304.2
2. FIELD GLUING OPERATIONS OF ELEMENTS OF THE SEISMIC FORCE RESISTING SYSTEM.	X	---	1705.13.2
3. WOOD LATERAL FORCE-RESISTING SYSTEM WITH FASTENER SPACING OF THE SHEATHING LESS THAN 4" OR EQUAL TO 4" O.C. - WOOD SHEAR WALLS - WOOD DIAPHRAGMS - DRAG STRUTS - SHEAR PANELS - HOLD-DOWNS	---	X	1705.13.2
4. WOOD LATERAL FORCE-RESISTING SYSTEM WITH FASTENER SPACING OF THE SHEATHING GREATER THAN 4" O.C. (NOT REQUIRED) - WOOD SHEAR WALLS - WOOD DIAPHRAGMS - DRAG STRUTS - SHEAR PANELS - HOLD-DOWNS	---	---	1705.13.2
5. METAL PLATE CONNECTED WOOD TRUSSES SPANNING 40 FEET OR GREATER - TEMPORARY INSTALLATION RESTRAINT/BRACING - PERMANENT INDIVIDUAL TRUSS MEMBER RESTRAINT/BRACING IN ACCORDANCE WITH APPROVED TRUSS SUBMITTAL PACKAGE	---	X	1705.5.2

SOILS CODE TABLE 1705.6			
SPECIAL INSPECTION OR TEST	CONTINUOUS	PERIODIC	
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY	---	X	
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	---	X	
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS	---	X	
4. VERIFY USE OF PROPER MATERIALS, DENSITIES, AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	---	
5. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	---	X	

CONCRETE CONSTRUCTION CODE TABLE 1705.3				
SPECIAL INSPECTION OR TEST	CONTINUOUS	PERIODIC	REFERENCED STANDARD	CBC REFERENCE
3. INSPECT ANCHORS CAST IN CONCRETE	---	X	ACI 318: 26.7	---
4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS (a) ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS (b) MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.g.	X	X	ACI 318: 26.7.1 ACI 318: 26.7.1	---

STATEMENT OF SPECIAL INSPECTIONS

- THIS STATEMENT OF SPECIAL INSPECTIONS HAS BEEN PREPARED PURSUANT TO SECTION 1704.3 OF THE CODE. THIS SECTION DETAILS BOTH REQUIRED SPECIAL INSPECTIONS AND TESTS INCLUDING TESTING PER SECTION 1705 OF THE CODE. THE FOLLOWING SHALL BE OBSERVED DURING THEIR IMPLEMENTATION:
 - GENERAL:
 - STRUCTURAL VERIFICATIONS, INSPECTIONS AND TESTS SHALL BE PERFORMED IN ACCORDANCE WITH CHAPTER 17 OF THE CODE AND/OR THE APPLICABLE REFERENCE STANDARD.
 - OWNER REQUIREMENTS:
 - THE OWNER OR OWNER'S AGENT SHALL EMPLOY ONE OR MORE APPROVED AGENCIES TO PERFORM INSPECTIONS DURING CONSTRUCTION ON THE TYPES OF WORK LISTED IN SECTION 1705 OF THE CODE AND IN THIS STATEMENT OF INSPECTIONS.
 - SPECIAL INSPECTOR QUALIFICATIONS:
 - THE SPECIAL INSPECTORS SHALL PROVIDE WRITTEN DOCUMENTATION TO THE BUILDING OFFICIAL DEMONSTRATING HIS OR HER COMPETENCE AND RELEVANT EXPERIENCE OR TRAINING. THE EXPERIENCE OR TRAINING SHALL BE CONSIDERED RELEVANT WHEN THE DOCUMENTED EXPERIENCE OR TRAINING IS RELATED IN COMPLEXITY TO THE SAME TYPE OF SPECIAL INSPECTION ACTIVITIES FOR PROJECTS OF SIMILAR COMPLEXITY AND MATERIAL QUANTITIES.
 - CONTRACTOR REQUIREMENTS:
 - SPECIAL INSPECTIONS IN ADDITION TO THE CONTRACTOR'S QUALITY CONTROL INSPECTIONS AND TESTING. THE CONTRACTOR'S QUALITY CONTROL INSPECTIONS AND TESTING SHALL OCCUR PRIOR TO SPECIAL INSPECTION AND REPORTS SHALL BE AVAILABLE TO THE SPECIAL INSPECTOR.
 - THE CONTRACTOR SHALL ENSURE THAT THE WORK FOR WHICH SPECIAL INSPECTION IS REQUIRED REMAINS ACCESSIBLE AND EXPOSED FOR SPECIAL INSPECTION PURPOSES UNTIL COMPLETION OF THE REQUIRED SPECIAL INSPECTION.
 - ANY CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF THE MAIN WIND OR SEISMIC FORCE RESISTING SYSTEM SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND OWNER PRIOR TO COMMENCEMENT OF WORK ON THE SYSTEM OR COMPONENT. THE STATEMENT OF RESPONSIBILITY SHALL CONTAIN ACKNOWLEDGEMENT OF AWARENESS OF THE SPECIAL INSPECTION REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS.
 - SPECIAL INSPECTOR REPORT REQUIREMENTS:
 - THE SPECIAL INSPECTOR SHALL KEEP RECORD OF INSPECTIONS
 - THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL AND TO THE ARCHITECT AND STRUCTURAL ENGINEER OF RECORD.
 - REPORTS SHALL INDICATE THAT WORK INSPECTED WAS OR WAS NOT COMPLETED IN CONFORMANCE TO APPROVED CONSTRUCTION DOCUMENTS.
 - DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION.
 - IF NOT CORRECTED DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND THE ARCHITECT AND STRUCTURAL ENGINEER OF RECORD PRIOR TO THE COMPLETION OF THAT PHASE OF WORK.
 - A FINAL REPORT DOCUMENTING SPECIAL INSPECTIONS AND CORRECTION OF ANY DISCREPANCIES NOTED SHALL BE SUBMITTED TO THE BUILDING OFFICIAL.

SHOP FABRICATION

- SHOP FABRICATION REQUIRES SPECIAL INSPECTION IN ACCORDANCE WITH CODE SECTION 1704.2.5. EXCEPTION: SHOP SPECIAL INSPECTIONS ARE NOT REQUIRED WHEN WORK IS DONE ON THE PREMISES OF FABRICATOR REGISTERED AND APPROVED TO PERFORM SUCH WORK IN ACCORDANCE WITH CODE SECTION 1704.2.5.1. THE FOLLOWING ACCREDITATIONS MEET THE REQUIREMENTS OF THIS EXCEPTION:
 - STEEL BUILDINGS (OR STEEL ELEMENTS IN OTHER BUILDINGS)
 - FOR GENERAL STEEL BUILDINGS OR ELEMENTS THE FABRICATOR SHALL BE AN AISC CERTIFIED FABRICATOR IN ACCORDANCE WITH THE AISC CERTIFICATION PROGRAM FOR STRUCTURAL STEEL FABRICATORS (AISC 201-06).
 - OTHER ACCREDITATION DEEMED ACCEPTABLE BY THE AUTHORITY HAVING JURISDICTION.
 - IF FABRICATION IS PERFORMED BY AN APPROVED FABRICATOR A CERTIFICATE OF COMPLIANCE MUST BE PROVIDED TO THE BUILDING INSPECTOR THAT THE MATERIALS SUPPLIED AND WORK PERFORMED BY THE FABRICATOR ARE IN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS.
 - IF FABRICATION IS NOT PERFORMED BY AN APPROVED FABRICATOR WELDING INSPECTION REPORTS MUST BE SUBMITTED TO THE BUILDING OFFICIAL BY AN APPROVED TESTING AGENCY.
 - NONDESTRUCTIVE TESTING (NDT) MAY BE PERFORMED BY THE FABRICATOR, HOWEVER THE QA AGENCY SHALL REVIEW THE FABRICATOR'S NDT REPORTS.
- WOOD BUILDINGS
 - WOOD STRUCTURAL PANELS (SHEATHING) SHALL BE IDENTIFIED BY THE APA TRADEMARK.

PRE-FABRICATED WOOD TRUSS NOTES

- THE DESIGN OF METAL PLATE CONNECTED WOOD TRUSSES SHALL BE IN ACCORDANCE WITH THE FOLLOWING:
 - CODES AND STANDARDS:
 - THE GOVERNING CODE LISTED IN THE PROJECT GENERAL NOTES
 - MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES (ASCE 7-16)
 - NATIONAL DESIGN STANDARD FOR WOOD CONSTRUCTION AND SUPPLEMENT (ANSI/AWC NDS-2018)
 - SPECIAL DESIGN PROVISIONS FOR WIND & SEISMIC (AWC SDPWS-2015)
 - THE NATIONAL DESIGN STANDARD FOR METAL PLATE CONNECTED WOOD TRUSS CONSTRUCTION (ANSI/TPI 1-2014)
 - DESIGN CRITERIA:
 - TRUSSES SHALL BE DESIGNED FOR THE FOLLOWING MINIMUM VERTICAL LOADS AND OTHER LOADS INDICATED ON THE CONSTRUCTION DOCUMENTS (ATTIC MECHANICAL UNITS, ETC.)
 ROOF TRUSS LOADING:
 ASPHALT SHINGLE W/ GYP CEILING:
 TOP-CHORD DEAD LOAD: 13.0 PSF * (11.9 PSF SUPERIMPOSED)
 BOT CHORD DEAD LOAD: 8.3 PSF (6.7 PSF SUPERIMPOSED)
 ROOF - LIVE LOAD: 20 PSF
 ASPHALT SHINGLE W/ STUCCO CEILING:
 TOP-CHORD DEAD LOAD: 13.0 PSF * (11.9 PSF SUPERIMPOSED)
 BOT CHORD DEAD LOAD: 12.7 PSF (11.1 PSF SUPERIMPOSED)
 ROOF - LIVE LOAD: 20 PSF

 DECKING CRITERIA:
 DEAD + LIVE LOAD: 1/240
 LIVE LOAD ONLY: 1/360

 *INCLUDES 4 PSF ALLOWANCE FOR PV PANELS
- CONTRACTOR REQUIREMENTS:
 - THE CONTRACTOR SHALL MEET ALL THE REQUIREMENTS LISTED IN SECTION 2.3.4 OF ANSI/TPI 1-2014 INCLUDING THE FOLLOWING:
 - MEANS AND METHODS: THE CONTRACTOR IS RESPONSIBLE FOR ALL MEANS AND METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, PROGRAMS AND SAFETY IN CONNECTION WITH THE RECEIPT, STORAGE, HANDLING, INSTALLATION, RESTRAINING, AND BRACING OF THE TRUSSES. REFER TO THE GUIDE TO GOOD PRACTICE FOR HANDLING, INSTALLING, RESTRAINING & BRACING OF METAL PLATE CONNECTED WOOD TRUSSES (BCS-81)
 - TRUSS INSTALLATION SHALL COMPLY WITH INSTALLATION TOLERANCES SHOWN IN BCS-81
 - TEMPORARY INSTALLATION RESTRAINT/BRACING FOR THE TRUSS SYSTEM AND THE PERMANENT TRUSS SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH BCS-82
 - CONSTRUCTION LOADING ON TRUSSES SHALL BE DONE IN ACCORDANCE WITH BCS-84
 - TRUSS DAMAGE, JOBSITE MODIFICATIONS & INSTALLATION ERRORS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE EOR AND THE TRUSS DESIGNER. REFERENCE BCS-85.
 - SUBMIT THE DRAWINGS FROM THE TRUSS DESIGNER/MANUFACTURER TO THE BUILDING DEPARTMENT PRIOR TO FABRICATION FOR APPROVAL. A COPY OF THIS SUBMITTAL SHALL BE PROVIDED TO THE ENGINEER OF RECORD FOR REVIEW OF GENERAL CONFORMANCE TO THE DESIGN INTENT. THE CONTRACTOR SHALL INCORPORATE THE TIME REQUIRED FOR THE SUBMITTAL TO BE REVIEWED, STAMPED AND APPROVED BY ALL PARTIES AND SHALL HAVE THE APPROVED TRUSS PLANS ON THE JOB SITE PRIOR TO FOUNDATION INSPECTION.
- TRUSS DESIGNER REQUIREMENTS:
 - THE TRUSS DESIGNER SHALL MEET ALL THE REQUIREMENTS LISTED IN SECTION 2.3.5 OF ANSI/TPI 1-2014 INCLUDING THE FOLLOWING:
 - TRUSS DESIGNER SHALL SUPERVISE THE PREPARATION OF THE TRUSS DESIGN DRAWINGS WHICH SHALL CONTAIN THE INFORMATION LISTED IN SECTION 2.3.5.5 OF ANSI/TPI 1-2014. THIS INCLUDES ALL TRUSS TO TRUSS CONNECTIONS, AND DETAILS FOR THE "CALIFORNIA FILL" AREAS.
 - TRUSS DESIGNER SHALL COMPLY WITH THE REFERENCED CODE AND DESIGN CRITERIA ABOVE.
 - TRUSS DESIGNER SHALL SHOW ALL HANGERS, BRACING AND RESTRAINTS AS WELL AS METHOD OF RESTRAINT/BRACING ON THE TRUSS PLANS TO MEET ANY SEISMIC AND WIND REQUIREMENTS OF THE CODE.
 - SUBMIT TRUSS DESIGN DRAWINGS INCLUDING ALL RELEVANT DETAILS FOR THE FABRICATION OF THE TRUSSES AND PREPARE CALCULATIONS. ALL PLANS, DETAILS AND CALCULATIONS FOR THE TRUSSES SHALL BE STAMPED AND SIGNED BY A LICENSED PROFESSIONAL ENGINEER (CIVIL OR STRUCTURAL), LICENSED TO PRACTICE IN THE STATE OF CALIFORNIA.

WOOD STRUCTURAL PANELS (SHEATHING)

WOOD STRUCTURAL PANEL PROPERTIES						
USE	PLY	BOND CLASSIFICATION ^c	SHEATHING GRADE	PERFORMANCE RATING	SPAN RATING	REFERENCE ^d
ROOF	5	EXPOSURE 1	REFER TO TYPICAL DIAPHRAGM SCHEDULE		APA	2022 CBC 2303.1.5 (DOC PS 1-09 OR PS 2-10)
FLOOR	5	EXPOSURE 1	REFER TO TYPICAL DIAPHRAGM SCHEDULE		APA	
WALL ^e	5	EXPOSURE 1	REFER TO TYPICAL SHEAR WALL SCHEDULE		APA	

- TABLE NOTES:
- WOOD STRUCTURAL PANELS SHALL CONFORM TO THE REQUIREMENTS FOR THEIR TYPE IN ACCORDANCE WITH THE FOLLOWING VOLUNTARY STANDARDS BY THE ENGINEERED WOOD ASSOCIATION (AWA):
 - VOLUNTARY PRODUCT STANDARD, STRUCTURAL PLYWOOD, PS 1-09
 - VOLUNTARY PRODUCT STANDARD, PERFORMANCE STANDARD FOR WOOD-BASED STRUCTURAL-USE PANELS, PS 2-10
 - WOOD STRUCTURAL PANELS SHALL BE IDENTIFIED BY THE APA TRADEMARK INDICATING CONFORMANCE TO THE APPLICABLE VOLUNTARY STANDARD
 - WHERE PANELS ARE EXPOSED TO REPEATED WETTING AND REDRYING, LONG-TERM EXPOSURE TO WEATHER, OR CONDITIONS OF SIMILAR SEVERITY, "EXTERIOR" APA RATED PLYWOOD SHEATHING SHALL BE USED. C-D "EXPOSURE 1" APA RATED PLYWOOD SHEATHING (CDX) SHALL NOT BE USED FOR CONDITIONS INVOLVING LONG-TERM EXPOSURE TO WEATHER.
 - EXCEPTION: WOOD STRUCTURAL PANEL ROOF SHEATHING EXPOSED TO THE OUTDOORS ON THE UNDERSIDE IS PERMITTED TO BE "EXPOSURE 1" TYPE.
 - WOOD STRUCTURAL PANELS TO BE USED AS SIDING SHALL COMPLY WITH ANSI/APA PRP-210.
 - ORIENTED STRAND BOARD (OSB) WITH EQUIVALENT CLASSIFICATION AND RATINGS MAY BE USED IN LIEU OF PLYWOOD FOR WOOD STRUCTURAL PANEL WALL SHEATHING.

- TRANSPORTATION, STORAGE, AND HANDLING:
 - TRANSPORTATION
 - IN TRANSPORTING PANELS ON OPEN TRUCK BEDS, COVER THE BUNDLES WITH A TARP.
 - STORAGE
 - ALWAYS STORE THE PANELS UNDER COVER WHENEVER POSSIBLE
 - WHEN STORING PANELS OUTSIDE STACK THEM ON A LEVEL SURFACE ON TOP OF STRINGERS OR OTHER BLOCKING, THREE STRINGERS MINIMUM.
 - NEVER LEAVE PANELS IN CONTACT WITH THE GROUND
 - COVER THE STACK WITH A PLASTIC TARP, ENSURING THAT THE BUNDLE IS WELL VENTILATED TO PREVENT MILDEW.
 - IF MOISTURE ABSORPTION IS EXPECTED, CUT THE STEEL BAND TO PREVENT DAMAGE
 - KEEP SANDED OR OTHER APPEARANCE GRADE PANELS AWAY FROM HIGH TRAFFIC AREAS
 - HANDLING
 - ALWAYS PROTECT ENDS AND EDGES, ESPECIALLY TONGUE AND GROOVE PRODUCTS, FROM PHYSICAL DAMAGE.
 - ACCLIMATE THE PANELS FOR 24 HOURS MINIMUM BEFORE INSTALLATION BY STANDING THE PANELS ON EDGE WITH A GAP BETWEEN EACH TO ALLOW FOR AIR CIRCULATION OR PER MANUFACTURER'S RECOMMENDATIONS.
- PLYWOOD ORIENTATION
 - ROOF AND FLOOR SHEATHING SHALL BE LAID WITH THE GRAIN OF THE OUTER PILES PERPENDICULAR TO THE FRAMING MEMBERS. SHALL BE CONTINUOUS OVER 2 JOIST BAYS MINIMUM AND END JOINTS SHALL BE JOINED OVER FRAMING AND STAGGERED. LEAVE A 1/8" GAP BETWEEN PANELS TO ALLOW FOR PANEL EXPANSION UNLESS RECOMMENDED OTHERWISE BY THE PANEL MANUF. REFER TO SPECIFIC DETAILS IN THE DRAWINGS FOR FURTHER PARAMETERS.
 - PLYWOOD OR OSB WALL SHEATHING MAY BE APPLIED VERTICALLY OR HORIZONTALLY. ALL END JOINTS BE JOINED OVER FRAMING AND STAGGERED.
- BLOCKING:
 - ROOF: ALL ROOF SHEATHING SHALL BE BLOCKED UNLESS SPECIFICALLY ALLOWED ON PLANS, WHERE PERMITTED TO BE UNBLOCKED. ALL UNBLOCKED EDGES SHALL BE TONGUE AND GROOVE.
 - FLOOR: ALL FLOOR SHEATHING SHALL BE BLOCKED UNLESS SPECIFICALLY ALLOWED ON PLANS, WHERE PERMITTED TO BE UNBLOCKED. ALL UNBLOCKED EDGES SHALL BE TONGUE AND GROOVE.
 - WALLS: ALL SHEAR WALLS SHALL BE FULLY BLOCKED AT PLYWOOD EDGES.
- FASTENERS
 - USE SHEATHING NAILS SAME GAUGE AS COMMON WIRE NAILS WITH LENGTHS AT LEAST EQUAL TO SHEATHING THICKNESS PLUS REQUIRED PENETRATION PER AWS SDPWS TABLE 4.2A OR 4.3A (AS REQUIRED).
 - EQUIVALENT PNEUMATIC DRIVE NAILS OR STAPLES MAY BE USED IF FASTENER MANUFACTURER HAS RECEIVED ICC OR IAPMO APPROVAL FOR THE INTENDED USE. FASTENERS TO BE SUBSTITUTED SHALL BE EQUIVALENT IN LATERAL AND WITHDRAWAL STRENGTH TO THE SIZE OF COMMON NAIL SPECIFIED.
 - USE OF MACHINE NAILING IS SUBJECT TO A SATISFACTORY JOB SITE DEMONSTRATION FOR EACH PROJECT AND THE APPROVAL BY THE PROJECT ARCHITECT OR STRUCTURAL ENGINEER. THE APPROVAL IS SUBJECT TO CONTINUED SATISFACTORY PERFORMANCE. MACHINE NAILING WILL NOT BE APPROVED IN 5/16" PLYWOOD OR OSB SHEATHING. IF NAIL HEADS PENETRATE THE OUTER PLY MORE THAN WOULD BE NORMAL FOR A HAND HAMMER OR IF MINIMUM ALLOWABLE EDGE DISTANCES ARE NOT MAINTAINED, THE PERFORMANCE WILL BE DEEMED UNSATISFACTORY.
 - TYPICAL NAILING SHALL BE 10D AT 6" O.C. AT ALL SUPPORTED EDGES AND OVER SHEAR WALLS, AND 10D AT 12" O.C. AT ALL INTERMEDIATE SUPPORTS, UNLESS OTHERWISE NOTED. SEE PLANS AND REFER TO SHEAR WALL SCHEDULE.



THESE PLANS ARE PROVIDED BY THE COUNTY OF SAN LUIS OBISPO AS PART OF THE PRE-APPROVED ADU PROGRAM AND ARE PUBLIC DOMAIN. THERE CANNOT BE A CHARGE TO PROVIDE THESE PLANS. NO ALTERATIONS TO THESE PLANS ARE ALLOWED. ALL ALTERATIONS MUST BE DONE UNDER A SEPARATE PERMIT ONCE THE BUILDING PERMIT FOR THE ADU HAS BEEN ISSUED AND FINAL INSPECTION COMPLETED. IF YOU DO NOT HAVE THE CONSTRUCTION KNOWLEDGE AND EXPERIENCE TO CONTRIBUTE THESE PLANS WITHOUT FURTHER DETAILS, IT IS RECOMMENDED YOU HIRE A CONTRACTOR TO DO THE CONSTRUCTION. THE CITY WILL NOT PROVIDE FURTHER INFORMATION OR DETAILS AND BUILDING INSPECTORS WILL NOT PROVIDE STEP BY STEP INSTRUCTIONS IN THE FIELD.

**COUNTY OF SAN LUIS OBISPO
ACCESSORY DWELLING UNIT**
SAN LUIS OBISPO, CA
**GENERAL NOTES, SPECIAL
INSPECTION & TESTS**

DATE
09/28/2023
SHEET



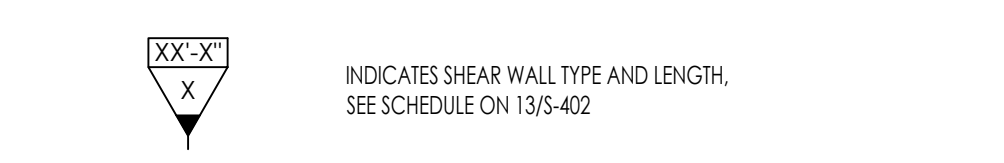
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FOUNDATION PLAN NOTES

- REFER TO THE FOLLOWING SHEETS FOR TYPICAL DETAILS:

DESCRIPTION	SHEET (S)
SYMBOLS AND ABBREVIATIONS	S-101
STRUCTURAL GENERAL NOTES	S-102 - S-103
TESTING AND INSPECTION	S-103
TYPICAL CONCRETE DETAILS	S-301
TYPICAL WOOD DETAILS	S-401 - S-405
- SEE ARCHITECTURAL DRAWINGS FOR FINISHED FLOOR ELEVATIONS. REFERENCE FINISHED FLOOR ELEVATION = 0'-0" CORRESPONDS TO FINISHED FLOOR ELEVATION.
- ALL DIMENSIONS SHOWN ARE FROM FACE OF CONCRETE/MASONRY. FACE OF SHEATHING, OR CENTERLINE OF COLUMN. ALL COLUMNS ARE CENTERED IN STUD WALLS, UNO.
- FOR ANY DIMENSIONAL INFORMATION NOT SHOWN, SEE ARCHITECTURAL DRAWINGS.
- SEE ARCHITECTURAL DRAWINGS FOR ANY EMBEDDED ITEMS AND ALL EXTERIOR CONCRETE PAVING.
- SEE PLANS AND ARCHITECTURAL DRAWINGS FOR DEPRESSIONS AND/OR SLOPES IN CONCRETE SLABS.
- SEE ARCHITECTURAL DRAWINGS FOR SIZE AND LOCATION OF ALL DOOR AND WINDOW OPENINGS IN BEARING AND NON-BEARING WALLS.
- SEE ARCHITECTURAL DRAWINGS FOR LOCATION OF INTERIOR NON-BEARING PARTITIONS.
- SEE ARCHITECTURAL, PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL EMBEDDED ITEMS AND SLAB PENETRATIONS.
- FOR TYPICAL SLAB-ON-GRADE REQUIREMENTS, INCLUDING SLAB JOINTS, SEE DETAIL 31/S-301.
- ALL POSTS IN 4" WALLS SHALL BE 4x4, UNLESS NOTED OTHERWISE
ALL POSTS IN 6" WALLS SHALL BE 6x6, UNLESS NOTED OTHERWISE
- PLATE WASHERS ARE REQUIRED FOR ALL SILL PLATE ANCHOR BOLTS. REFER TO 34/S-402 FOR PLATE WASHER REQUIREMENTS AT SHEAR WALLS.
- ALL HOLD-DOWN ANCHOR NUTS SHALL BE TIGHTENED JUST PRIOR TO COVERING.
- ALL BOLT HOLES IN WOOD MEMBERS, SHALL BE DRILLED A MAXIMUM OF 1/8" OVERSIZED. INSPECTOR TO VERIFY.
- THE BUILDING PAD SHALL BE PREPARED AS OUTLINED IN DETAIL 53/S-301. THE BUILDING OFFICIAL SHALL REQUIRE PAD CERTIFICATION BY A GEOTECHNICAL ENGINEER AT THEIR DISCRETION.
- BOTTOM OF FOOTING SHALL BE, UNLESS DEEPER FOUNDATIONS ARE REQUIRED BY THE BUILDING OFFICIAL:
 - 21" BELOW PAD OR ADJACENT GRADE AT PERIMETER, WHICHEVER IS DEEPER, UNO.
 - 21" BELOW PAD OR ADJACENT GRADE AT INTERIOR GRADE BEAMS, WHICHEVER IS DEEPER, UNO.
 NOTE: FOOTING MUST BE DEEPEDED LOCALLY PER DETAIL 32/S-301 TO ACCOMMODATE ANCHOR BOLT HOLD-DOWN EMBED DEPTHS.
- ALL THIS PLAN IS INTENDED FOR FLAT LOTS, WITHOUT HIGHLY EXPANSIVE OR LIQUEFIABLE SOILS. IF THE PROJECT SITE IS DETERMINED TO HAVE ANY OF THESE QUALITIES, AS DETERMINED BY THE BUILDING OFFICIAL, THESE PRE-APPROVED ADU FOUNDATION PLANS AND DETAILS ARE NOT APPLICABLE.

SYMBOL LEGEND



SCHEDULES

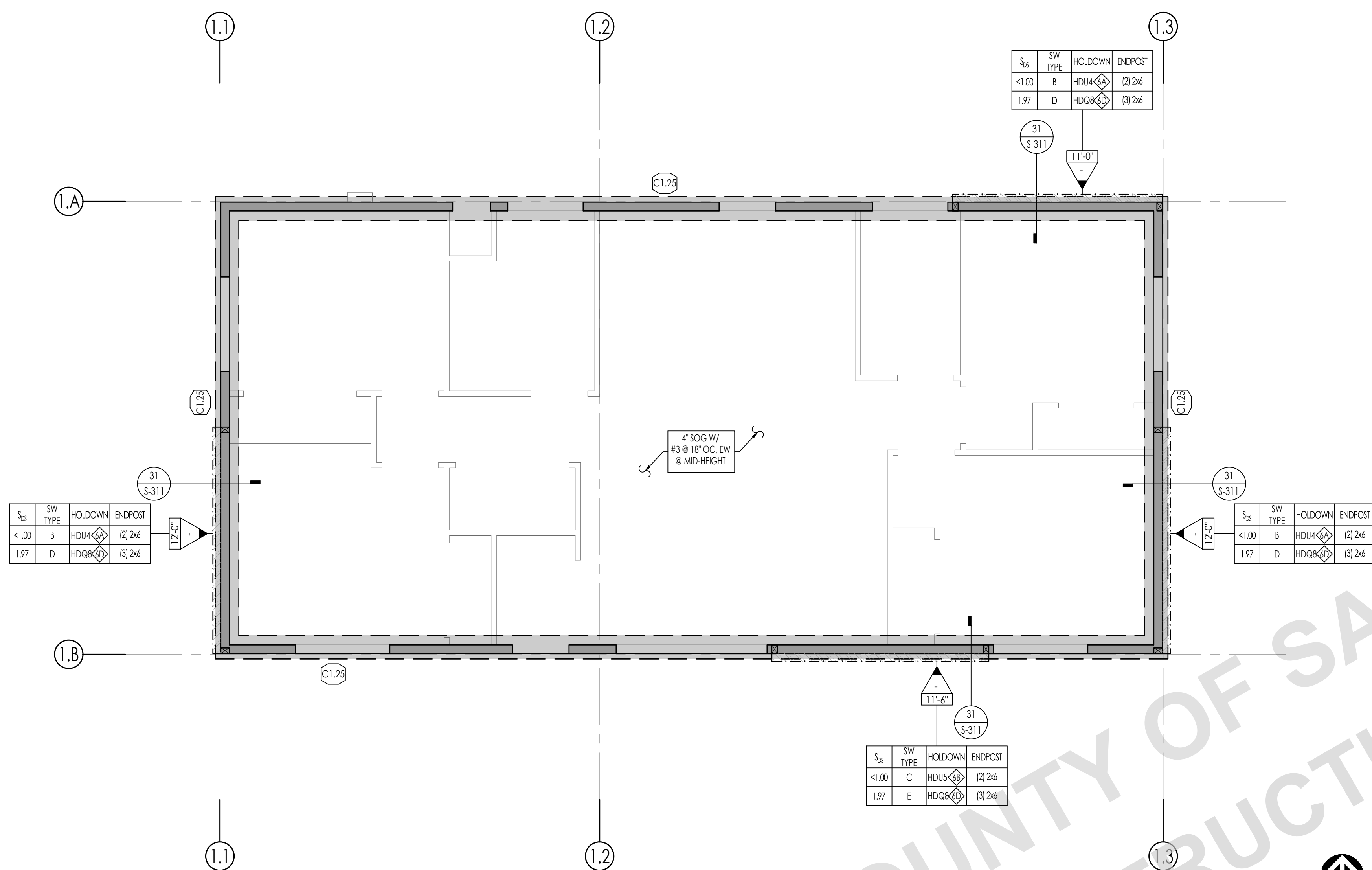
HOLD-DOWN SCHEDULE		
SPECIFIES HOLD-DOWN/STRAP DETAIL	INDICATES HOLD-DOWN/STRAP TYPE	DETAIL
6x	INDICATES SIMPSON S5TB HOLD-DOWN TO: CONC FOUNDATION:	12/S-311

CONTINUOUS FOOTING SCHEDULE					
MARK	WIDTH	MIN EMBED BELOW LOWEST PAD GRADE	LONG REINF	TRANS REINF	DETAIL
C1.25	1'-3"	SEE NOTE 16	(2) #5 T&B	#3 @ 12" OC, BOT	31/S-311

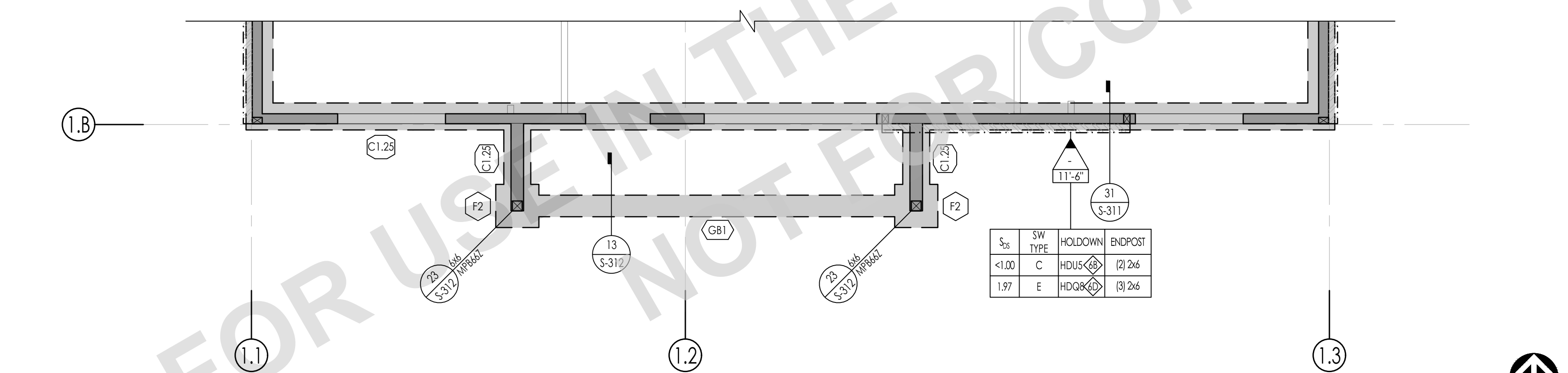
GRADE BEAM SCHEDULE						
TYPE	WIDTH	THICKNESS	MIN EMBED BELOW LOWEST PAD GRADE	LONG REINF	TRANS REINF	DETAIL
GB1	1'-0"	1'-0"	SEE NOTE 16	(2) #4 @ TOP (2) #4 @ BOT	#3 @ 24" OC	13/S-312

PAD FOOTING SCHEDULE							
TYPE	WIDTH	LENGTH	THICKNESS	MIN EMBED BELOW LOWEST PAD GRADE	TOP REINF	BOT REINF	DETAIL
F2	2'-0"	2'-0"	1'-6"	SEE NOTE 16	(3) #5, EW	(3) #5 @ EW	11/S-312

NOTE: FOOTING MUST BE DEEPEDED LOCALLY PER DETAIL 32/S-301 TO ACCOMMODATE AB HOLD-DOWN EMBED DEPTHS.



1 FOUNDATION PLAN - MODERN - NO PORCH OPT.
SCALE: 1/4" = 1'-0"



2 FOUNDATION PLAN - MODERN - PORCH
SCALE: 1/4" = 1'-0"

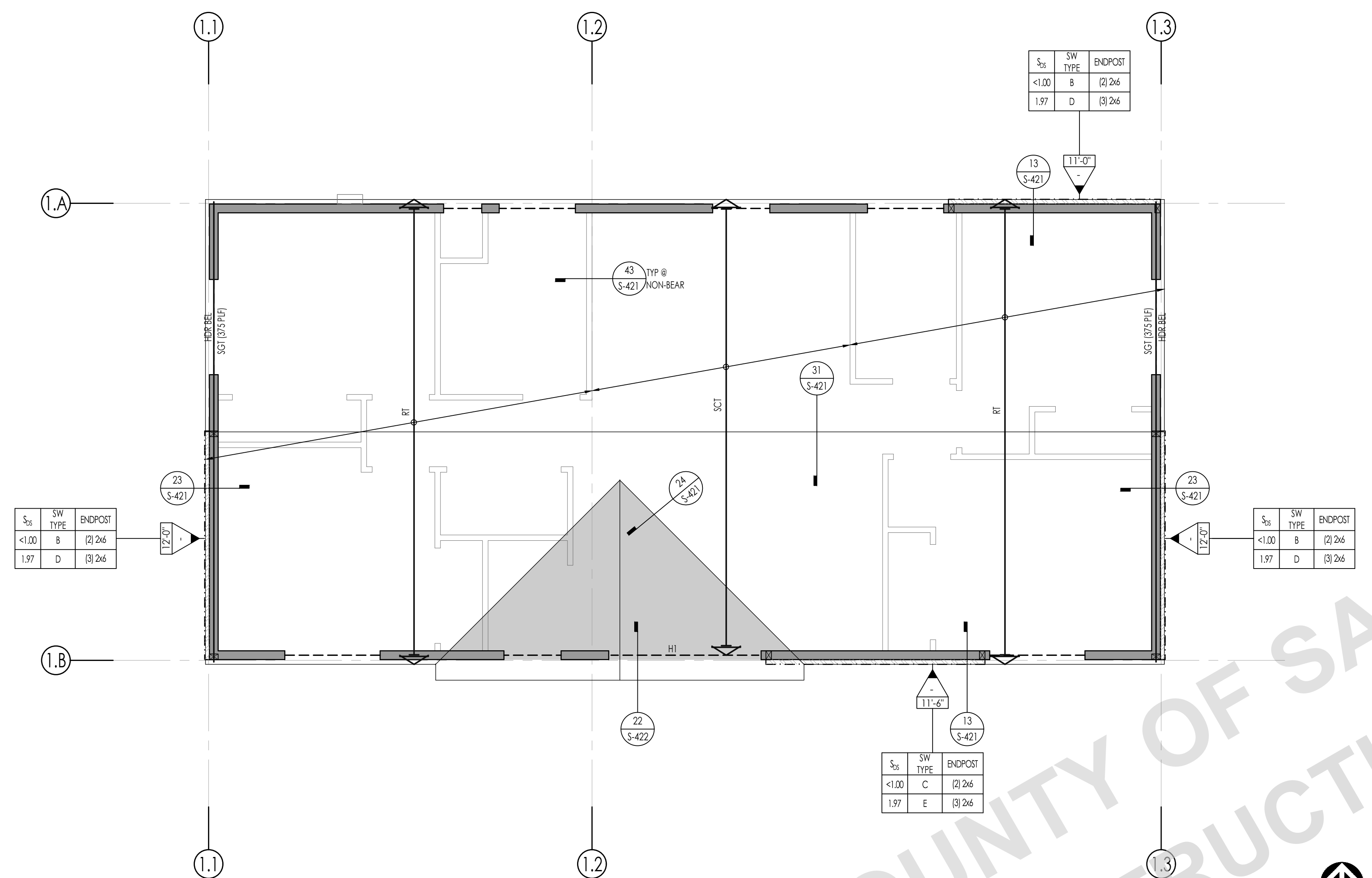
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COUNTY OF SAN LUIS OBISPO
ACCESSORY DWELLING UNIT
SAN LUIS OBISPO, CA

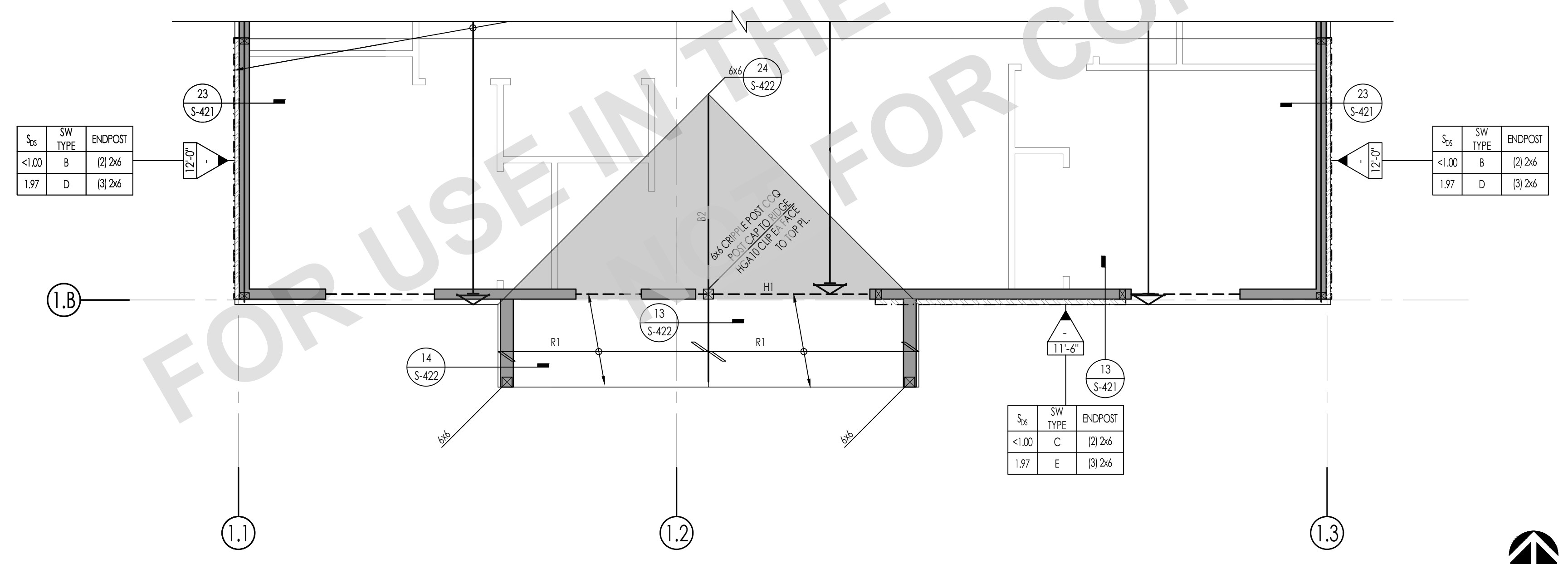
FOUNDATION PLAN - MODERN



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1 ROOF FRAMING PLAN - MODERN - NO PORCH OPT.
SCALE: 1/4" = 1'-0"



2 ROOF FRAMING PLAN - MODERN - PORCH
SCALE: 1/4" = 1'-0"

ROOF FRAMING NOTES

- SEE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS AND ELEVATIONS INCLUDING, BUT NOT LIMITED TO THE FOLLOWING. ALL DIMENSIONS TO BE VERIFIED PRIOR TO CONSTRUCTION:
 - GRID DIMENSIONS AND HORIZONTAL CONTROL
 - ALL DIMENSIONS, ELEVATIONS, FINISH SURFACE, SLOPES, DRAINS, SLAB DEPRESSIONS, ETC
 - LOCATION AND EXTENT OF EXTERIOR WALL ASSEMBLIES AND OPENINGS
 - ALL NON STRUCTURAL WALLS
- REFER TO THE FOLLOWING SHEETS FOR TYPICAL DETAILS:

DESCRIPTION	SHEET (S)
SYMBOLS AND ABBREVIATIONS	S-101
STRUCTURAL GENERAL NOTES	S-102 - S-103
TESTING AND INSPECTION	S-103
TYPICAL CONCRETE DETAILS	S-301
TYPICAL WOOD DETAILS	S-401 - S-405
- SEE ARCHITECTURAL DRAWINGS FOR ALL TOP OF SHEATHING AND TOP OF WALL ELEVATIONS.
- SEE ARCHITECTURAL PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR SIZE AND LOCATION OF PIPES, DUCTS AND OTHER ROOF PENETRATIONS. FOR ROOF PENETRATIONS NOT SHOWN ON ROOF FRAMING PLAN, SEE DETAIL 23/S-403 FOR TYPICAL OPENINGS, UNO.
- ALL POSTS IN 6" WALLS SHALL BE 6x6, UNLESS NOTED OTHERWISE.
TYPICAL WALL FRAMING SHALL BE:
2x4 @ 16" OC @ ALL EXTERIOR WALLS, UNO
2x4 @ 16" OC @ ALL INTERIOR BEARING WALLS, UNO
2x4 @ 16" @ ALL INTERIOR NON-BEARING WALLS, UNO
- ALL INTERIOR WALLS NOT SHOWN ON THE STRUCTURAL FRAMING PLANS BUT SHOWN ON THE ARCHITECTURAL DRAWINGS SHALL BE CONSTRUCTED PER NON-BEARING PORTION WALL DETAIL 43/S-401, UNO.
- DIAPHRAGM TYPES:
ALL ROOF DIAPHRAGMS SHALL BE TYPE A, UNO REFER TO 12/S-403
- ALL LINES AND/OR MEMBERS INDICATED AS 'STRUT' SHALL RECEIVE (2) ROWS OF BOUNDARY NAILING (BN), STGR.
- TRUSS MEMBERS AND COMPONENTS SHALL NOT BE CUT, NOTCHED, DRILLED OR OTHERWISE ALTERED IN ANY WAY WITHOUT WRITTEN CONCURRENCE AND APPROVAL OF A REGISTERED DESIGN PROFESSIONAL.
- ALTERATIONS RESULTING IN THE ADDITION OF LOADS TO ANY MEMBER (E.G. HVAC EQUIPMENT, WATER HEATER) SHALL NOT BE PERMITTED WITHOUT VERIFICATION THAT THE TRUSS IS CAPABLE OF SUPPORTING SUCH ADDITIONAL LOADING.

SYMBOL LEGEND

- INDICATES SHEAR WALL TYPE AND LENGTH. SEE SCHEDULE ON 13/S-402
- INDICATES BLOCKING & STRAPPING ABOVE & BELOW WINDOW OPENINGS PER DETAIL 44/S-402
- INDICATES HEADER @ OPENING. REFER TO 32/S-401 FOR HEADER SIZE, UNO ON PLANS
- INDICATES TOP PLATE SPLICE NAILING PER 33/S-403 NOTE THAT NAILING APPLIES TO ENTIRE LENGTH OF TOP PLATE. PROVIDE TYPE (C) SPLICE, UNO
- INDICATES STRAP PER 34/S-405, UNO

SCHEDULES

HOLDOWN SCHEDULE			
SPECIFIES HOLDOWN/ STRAP DETAIL	INDICATES HOLDOWN/ STRAP TYPE	DETAIL	
	INDICATES SIMPSON SSB HOLDOWN TO CONIC FOUNDATION:	22/S-311	

ROOF BEAM SCHEDULE		
MARK	SIZE	REMARKS
B1	4x6 SELECT STRUCTURAL	
B2	4x10	
B3	6x10	

ROOF RAFTER SCHEDULE		
MARK	SIZE	REMARKS
R1	2x8 @ 16" OC	

HEADER SCHEDULE		
MARK	SIZE	REMARKS
H1	6x8	
H2	4x10	

PREFABRICATED ROOF TRUSS

1. FOR PREFABRICATED ROOF TRUSS NOTES SEE NOTES ON SHEET S-103

ROOF TRUSS SCHEDULE		
MARK	DESCRIPTION	REMARKS
RT	ROOF TRUSS (COMMON)	24" OC MAX
SGT	STRUCTURAL GABLE TRUSS	
MT	MONO PITCH TRUSS	24" OC MAX
JT	JACK TRUSS	24" OC MAX
VJT	VALLEY JACK TRUSS	24" OC MAX
CJT	CORNER JACK TRUSS	
GT	GIRDER TRUSS	
MGT	MONO PITCH GIRDER TRUSS	
DT (#)	DRAG TRUSS	
CGT	CALIFORNIA GIRDER TRUSS	
HR	HIP RAFTER / JACK RAFTER	
CHT	CALIFORNIA HIP TRUSS	24" OC MAX
SCT	SCISSOR TRUSS	24" OC MAX. CEILING SLOPE PER ARCH

(#) - EQUALS DRAG FORCE IN LBS. DRAG FORCE IS AT A FACTORED LEVEL (0.7E) DRAG FORCES CALCULATED IN ACCORDANCE WITH ASCE 7-16 12.10.1.1. IN STRUCTURES ENTIRELY BRACED BY LIGHT FRAME SHEAR WALLS OR PORTIONS THEREOF. DRAG MEMBERS SHALL BE DESIGNED TO RESIST FORCES USING THE LOAD COMBINATIONS OF ASCE 7-16 SECTION 12.4.2.3 IN ALL OTHER STRUCTURES DRAGS SHALL INCLUDE THE EFFECT OF OVER-STRENGTH PER ASCE 7-16 12.4.3.2

COUNTY OF SAN LUIS OBISPO
ACCESSORY DWELLING UNIT
SAN LUIS OBISPO, CA
ROOF FRAMING PLAN -
MODERN

DATE
09/28/2023

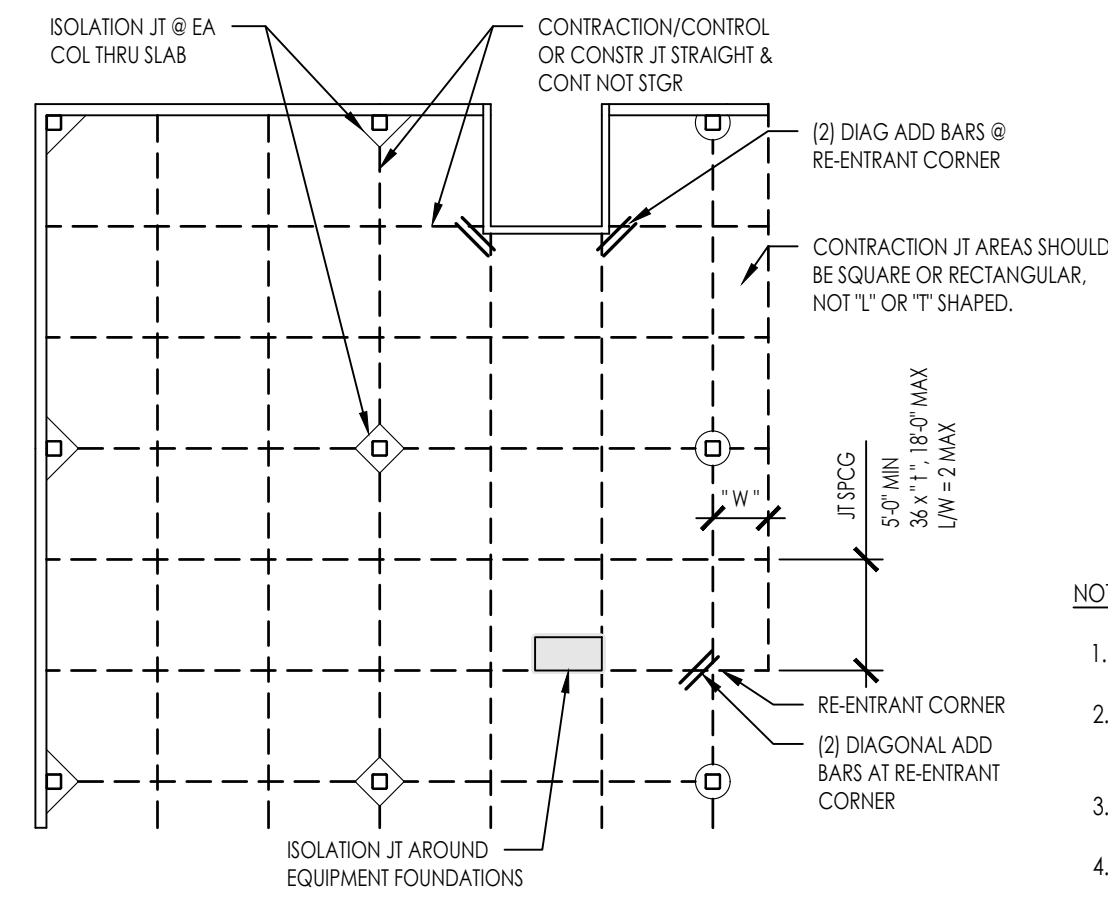
SHEET

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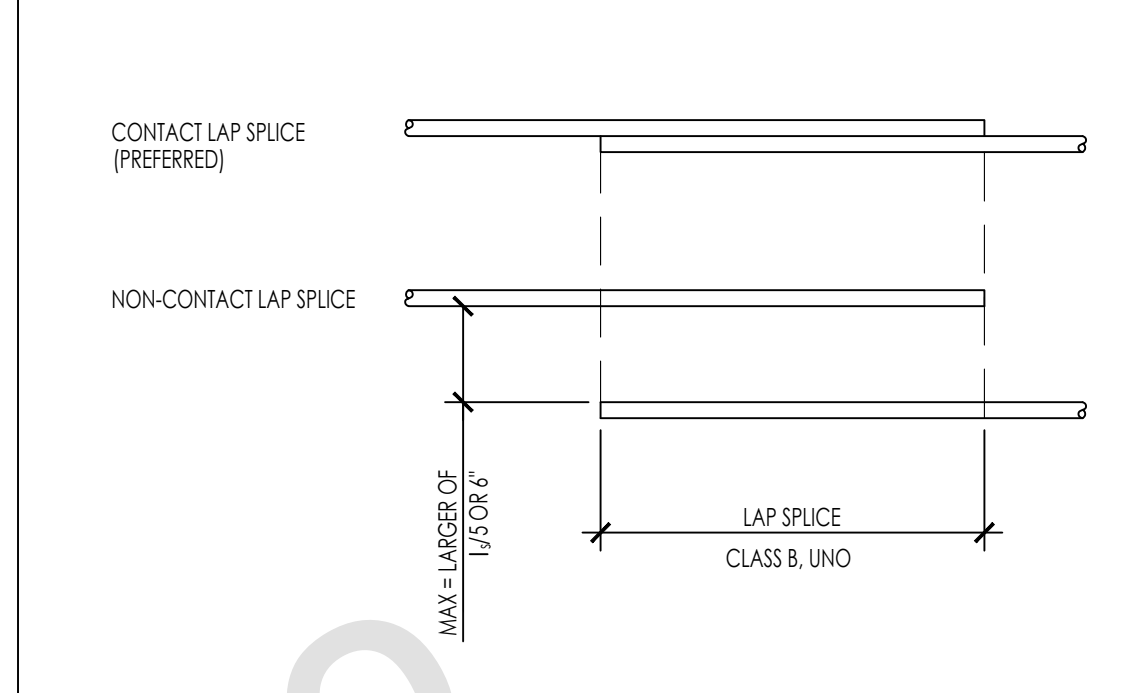
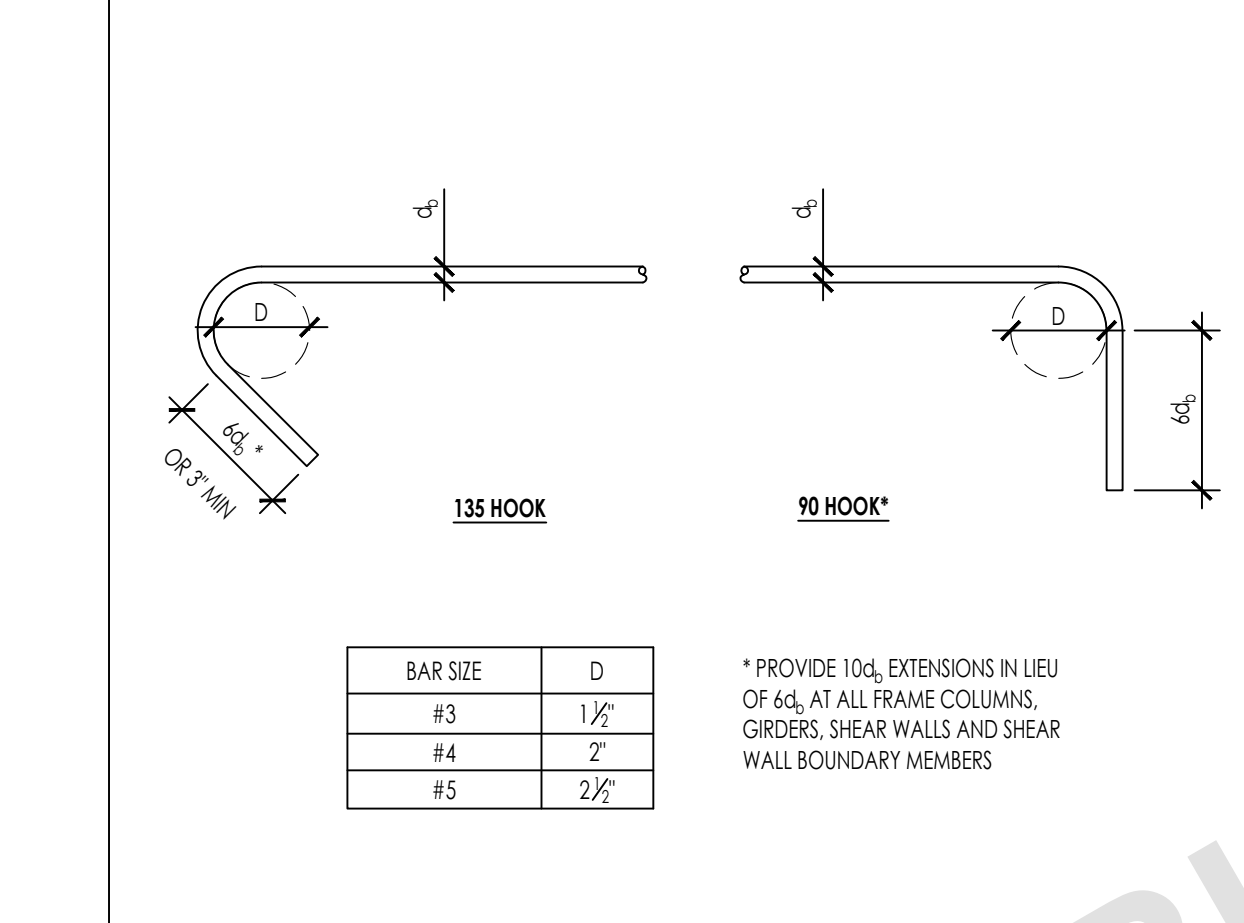
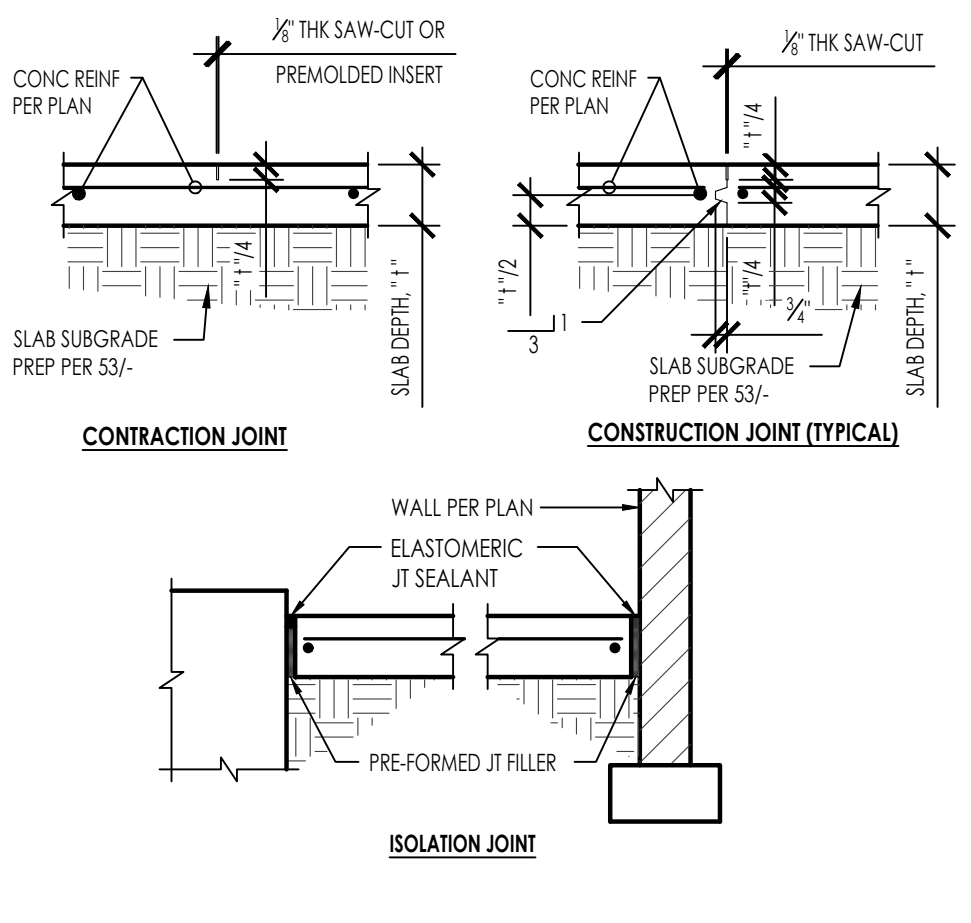


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COUNTY OF SAN LUIS OBISPO
ACCESSORY DWELLING UNIT
SAN LUIS OBISPO, CA
TYPICAL CONCRETE DETAILS



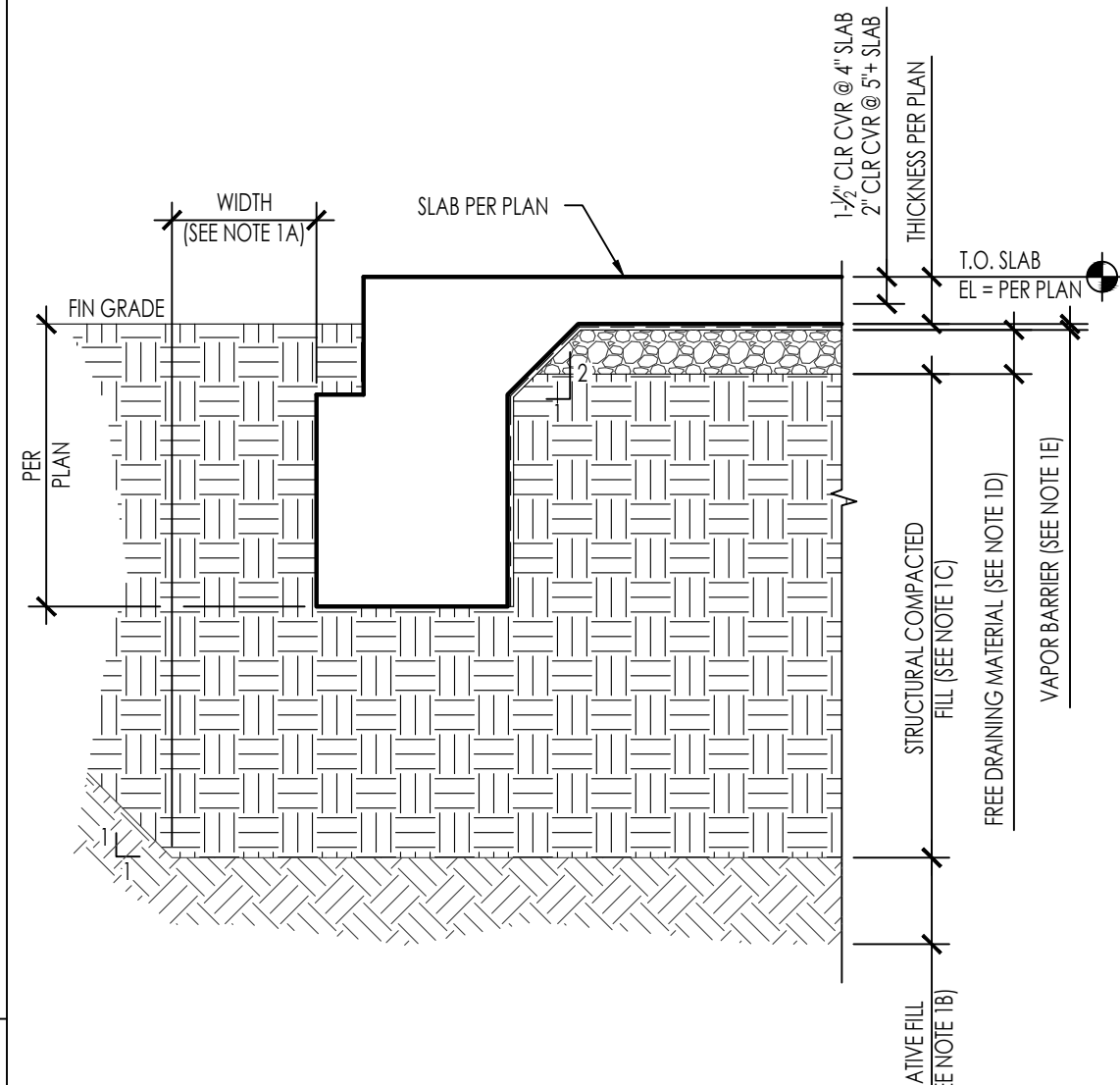
- NOTES:**
- IF SAW CUT CONTRACTION OR CONTROL JOINT IS USED, SAW-CUT WITHIN 24 HOURS. EARLY ENTRY SAWS MAY BE USED WITHIN 1-4 HOURS OF POUR, AND CONVENTIONAL SAWS 4-12 HOURS OF POUR DEPENDING ON WEATHER.
 - FILL CONTRACTION JOINT WITH AN ELASTOMERIC JOINT COMPOUND RATED FOR ITS USE. FOR INDUSTRIAL FLOORS SUBJECTED TO HARD WHEELED TRAFFIC, USE SEALANTS RATED FOR SUCH APPLICATIONS BY THE MANUFACTURER.
 - DOWELS IN INDUSTRIAL FLOOR APPLICATIONS SHOULD BE SMOOTH ALIGNED, AND SUPPORTED SO THEY WILL REMAIN PARALLEL IN BOTH HORIZONTAL AND VERTICAL PLANES DURING PLACING AND FINISHING.
 - IN STEEL AND/OR CON. BUILDINGS DO NOT POUR DIAMOND UNTIL STRUCTURAL STEEL AND CONCRETE ABOVE HAS BEEN INSTALLED.



REINFORCING TENSION DEVELOPMENT LENGTH AND LAP SPLICE SCHEDULE

- NOTES:**
- VALUES ABOVE ARE FOR REINFORCEMENT WITH THE FOLLOWING PARAMETERS:
 - GRADE 60 REINFORCEMENT
 - NORMAL WEIGHT CONCRETE
 - FOR LIGHTWEIGHT CONCRETE MULTIPLY THE VALUES ABOVE BY 1.3
 - NON-EPOXY COATED REINFORCEMENT
 - HORIZONTAL BARS WITHOUT 12" OF CONCRETE BELOW (BOTTOM BARS), AND VERTICAL BARS
 - FOR TOP BARS WITH 12" OR MORE OF CONCRETE BELOW THE BAR MULTIPLY THE VALUES ABOVE BY 1.3
 - CLEAR SPACING NOT LESS THAN d_b , CLEAR COVER NOT LESS THAN d_b AND STIRRUPS THROUGH l_d NOT LESS THAN MIN OR
 - CLEAR SPACING NO LESS THAN $2d_b$ AND CLEAR COVER NOT LESS THAN d_b
 - FOR OTHER SPACING AND COVER CONDITIONS MULTIPLY THE VALUES ABOVE BY 1.5
 - REINFORCEMENT NOT IN SHEAR WALLS
 - FOR REINFORCEMENT IN SHEAR WALLS MULTIPLY THE VALUES ABOVE BY 1.25
 - THE MULTIPLIERS LISTED IN NOTE 1 ABOVE ARE CUMULATIVE INCREASES IN DEVELOPMENT/LAP SPLICE LENGTH.
 - ALL LAP SPLICES REFERENCED IN THE PLANS SHALL BE CLASS B UNLESS NOTED OTHERWISE.
 - WHEN REINFORCING BARS OF TWO SIZES ARE LAP SPICED IN TENSION, USE THE LARGER OF THE TENSION CLASS B, LAP SPLICE LENGTH l_s OF THE SMALLER BAR, AND THE CLASS A, TENSION DEVELOPMENT LENGTH l_d OF THE LARGER BAR.

SLAB ON GRADE JOINTS
2727-01-C102 - S301



- NOTES:**
- PREPARATION OF THE SLAB SUBGRADE SHALL BE BASED ON THE GEOTECHNICAL INVESTIGATION REPORT AS REFERENCED IN THE FOUNDATION GENERAL NOTES, THE FOLLOWING INFORMATION IS FOR REFERENCE ONLY.
 - OVER-EXCAVATION SHALL EXTEND 5 FEET BEYOND PERIMETER FOUNDATION, TO PROPERTY LINES OR EXISTING IMPROVEMENTS, WHICHEVER IS LEAST.
 - NATIVE MATERIALS
 - SHALL BE OVER-EXCAVATED 36" BELOW (E) GRADE OR 18" BELOW BOTTOM OF FOOTINGS, WHICHEVER IS GREATEST.
 - THE EXPOSED SURFACE SHALL BE SCARIFIED TO A DEPTH OF 6", MOISTURE CONDITIONED TO 3 PERCENT OVER OPTIMUM MOISTURE CONTENT AND COMPACTED TO A MINIMUM RELATIVE DENSITY OF 90 PERCENT (ASTM D1557)
 - ENGINEERED COMPACTED FILL
 - REFER TO THE GEOTECHNICAL INVESTIGATION REPORT FOR RECOMMENDATIONS FOR STRUCTURAL FILL
 - STRUCTURAL FILL SHALL BE PLACED IN HORIZONTAL LAYERS, EACH APPROXIMATELY 8" THICK BEFORE COMPACTATION, AND SHOULD BE CONDITIONS WITH WATER TO PRODUCE A SOIL WATER CONTENT NEAR OPTIMUM MOISTURE AND COMPACTED TO A MINIMUM RELATIVE DENSITY OF 90 PERCENT (ASTM D1557)
 - 4" THICK, CLEAN FREE-DRAINING MATERIAL SUCH AS 1/2" COARSE AGGREGATE
 - REFER TO GEOTECH REPORT AND ARCH DRAWINGS FOR VAPOR BARRIER. INSTALL PER MANUFACTURER'S RECOMMENDATIONS FOR SEALING OF PENETRATIONS, JOINTS AND EDGES.
 - VAPOR BARRIER IS NOT TO BE PUNCTURED DURING CONSTRUCTION OF SLAB ON GRADE.
 - 2" THICK OPTIONAL SAND LAYER, SHALL BE LIGHTLY MOISTENED PRIOR TO PLACING CONCRETE.

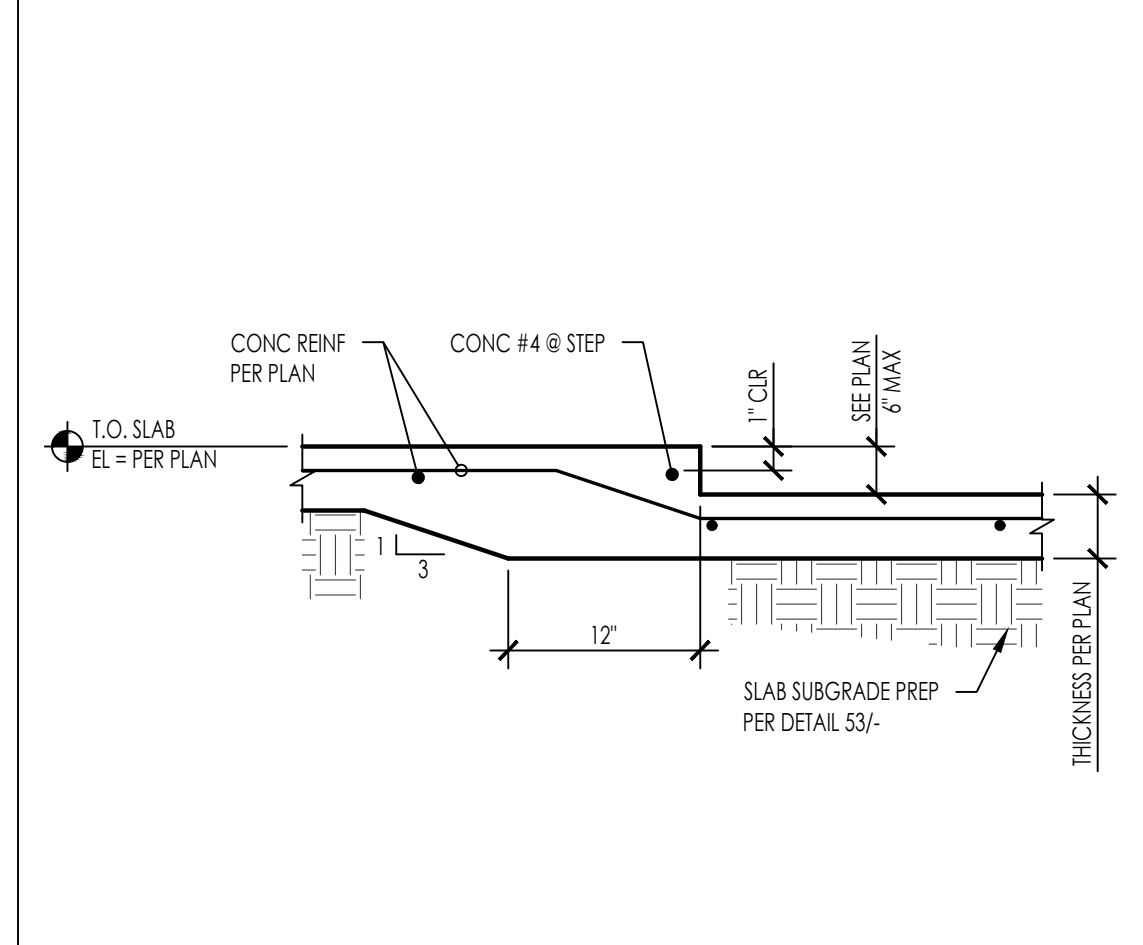
SLAB ON GRADE EDGE AND SUBGRADE PREP
2727-01-C102 - S301

DEEPEMED FIG @ ANCHOR BOLT
2727-01-C102 - S301



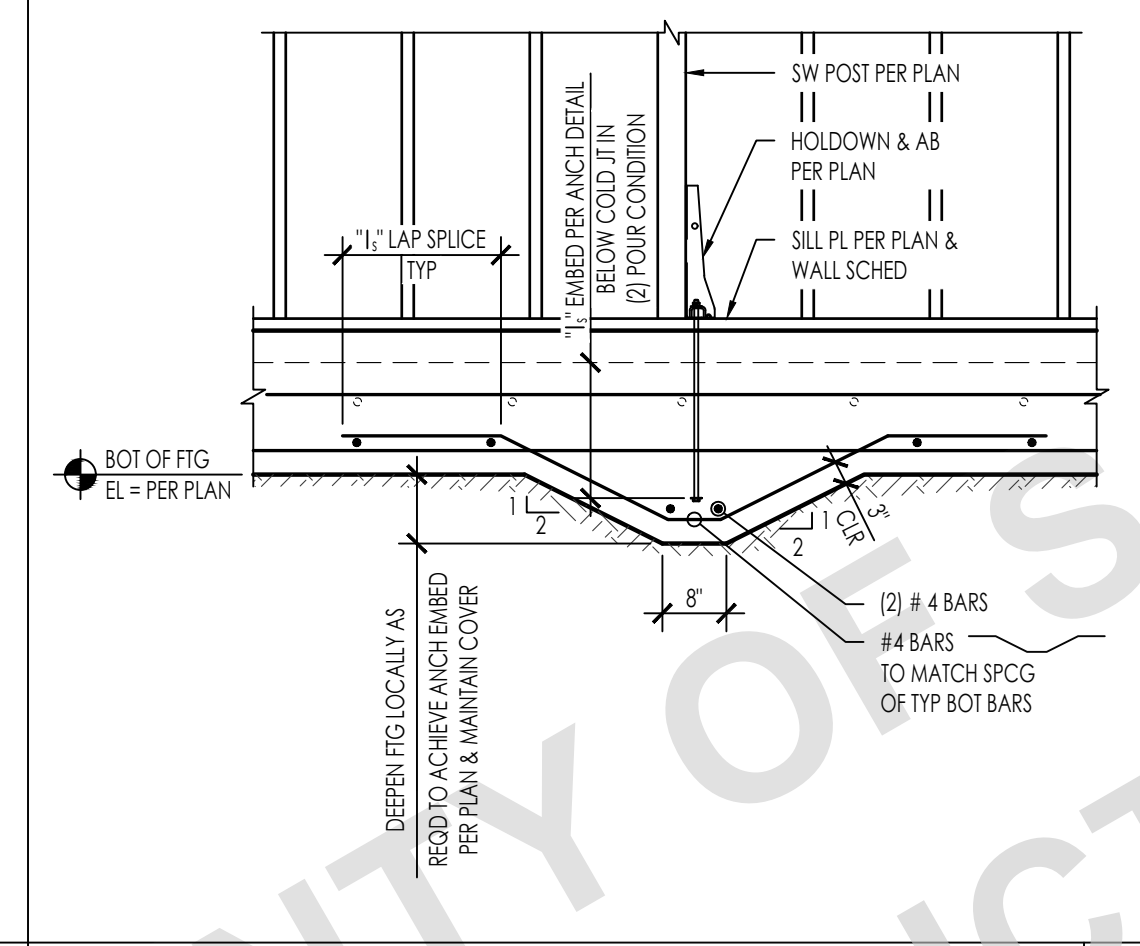
- NOTES:**
- PREPARE DEEPEMED FIG TO MATCH LONG REINFORCING SIZE & SPCG
 - TOP REIN WHERE SHOWN PER PLAN
 - STEP LONG REIN TO MATCH LONG REIN SIZE & SPCG
 - FIG REIN PER PLAN & DETAILS
 - 1" LAP SPLICE
 - NOTE: "SH" = 1'-6" MAX

SLEEVE THROUGH FOUNDATION (SLAB TURN-DOWN)
2727-01-C102 - S301



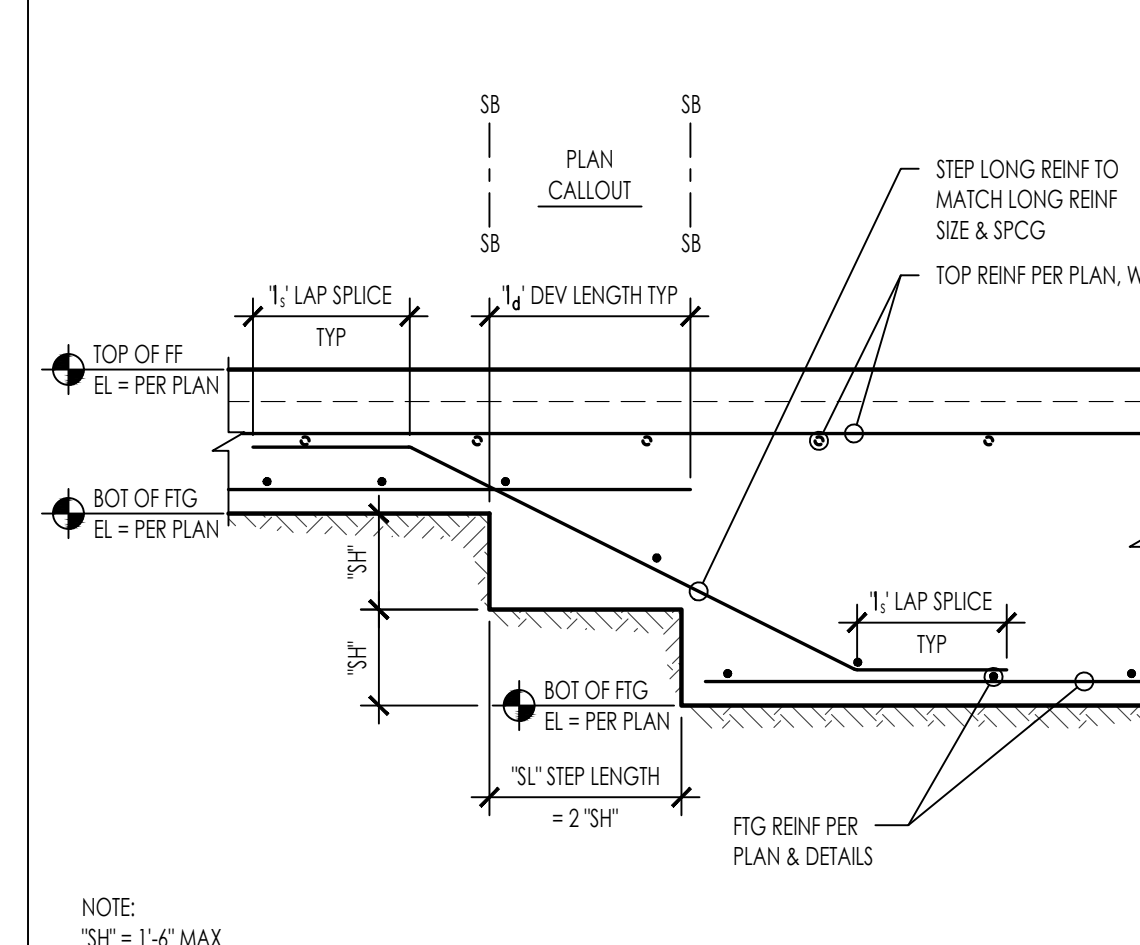
SLAB ON GRADE DEPRESSION
2727-01-C102 - S301

STEP FOOTING
2727-01-C102 - S301



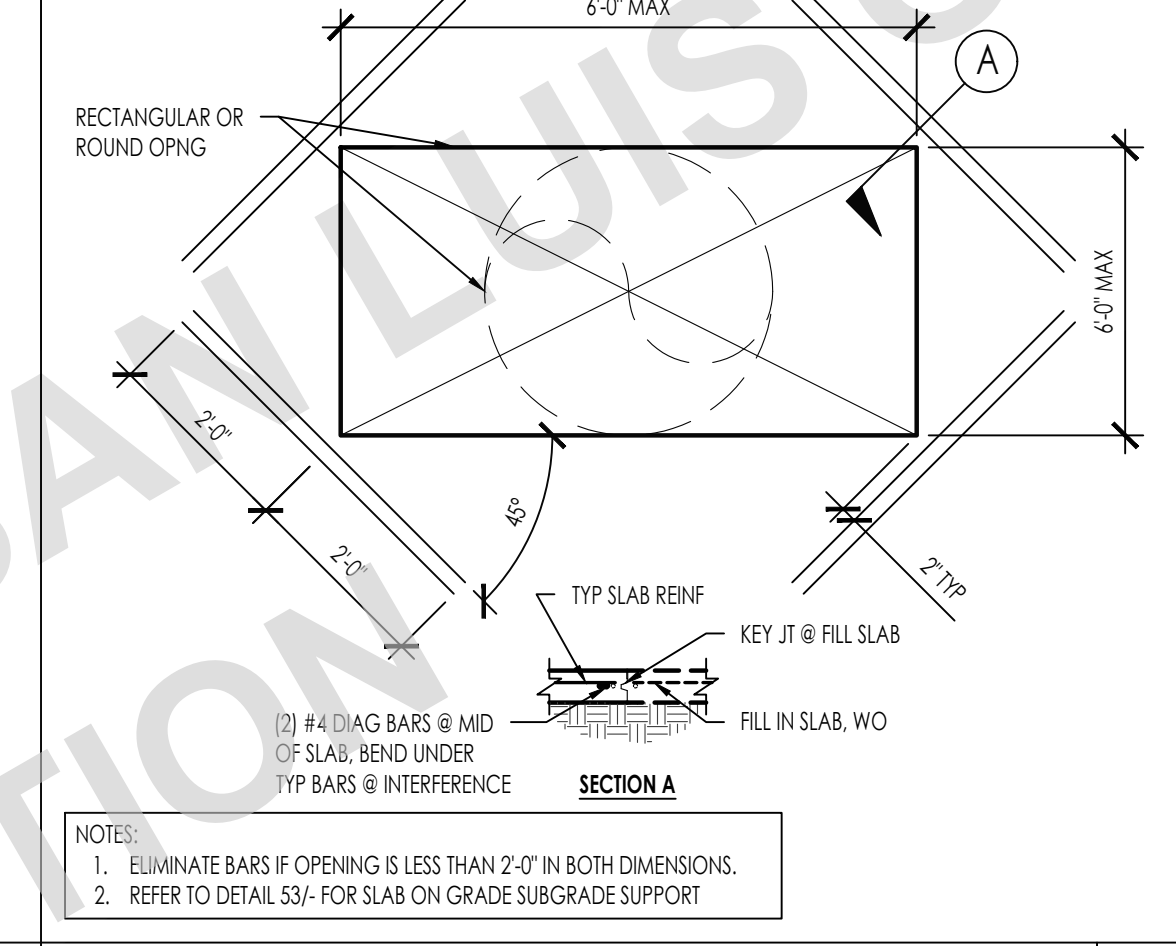
- NOTES:**
- PREPARE STEP FOOTING TO MATCH LONG REINFORCING SIZE & SPCG
 - TOP REIN WHERE SHOWN PER PLAN
 - STEP LONG REIN TO MATCH LONG REIN SIZE & SPCG
 - FIG REIN PER PLAN & DETAILS
 - 1" LAP SPLICE
 - NOTE: "SH" = 1'-6" MAX

STEPPED FOOTING (BOTTOM ONLY)
2727-01-C102 - S301



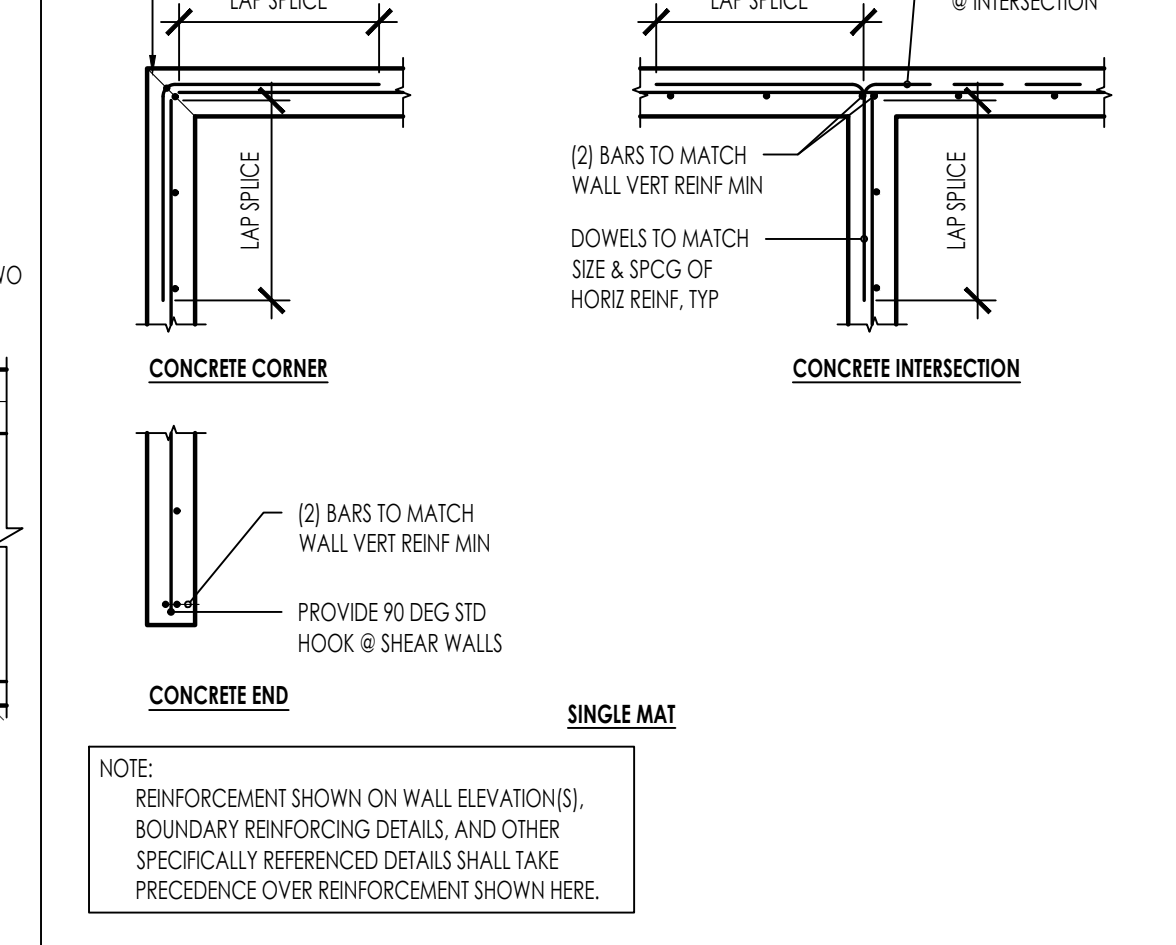
CONC REIN @ INTERSECTION
2727-01-C102 - S301

REIN TIES AND STIRRUPS
2727-01-C102 - S301



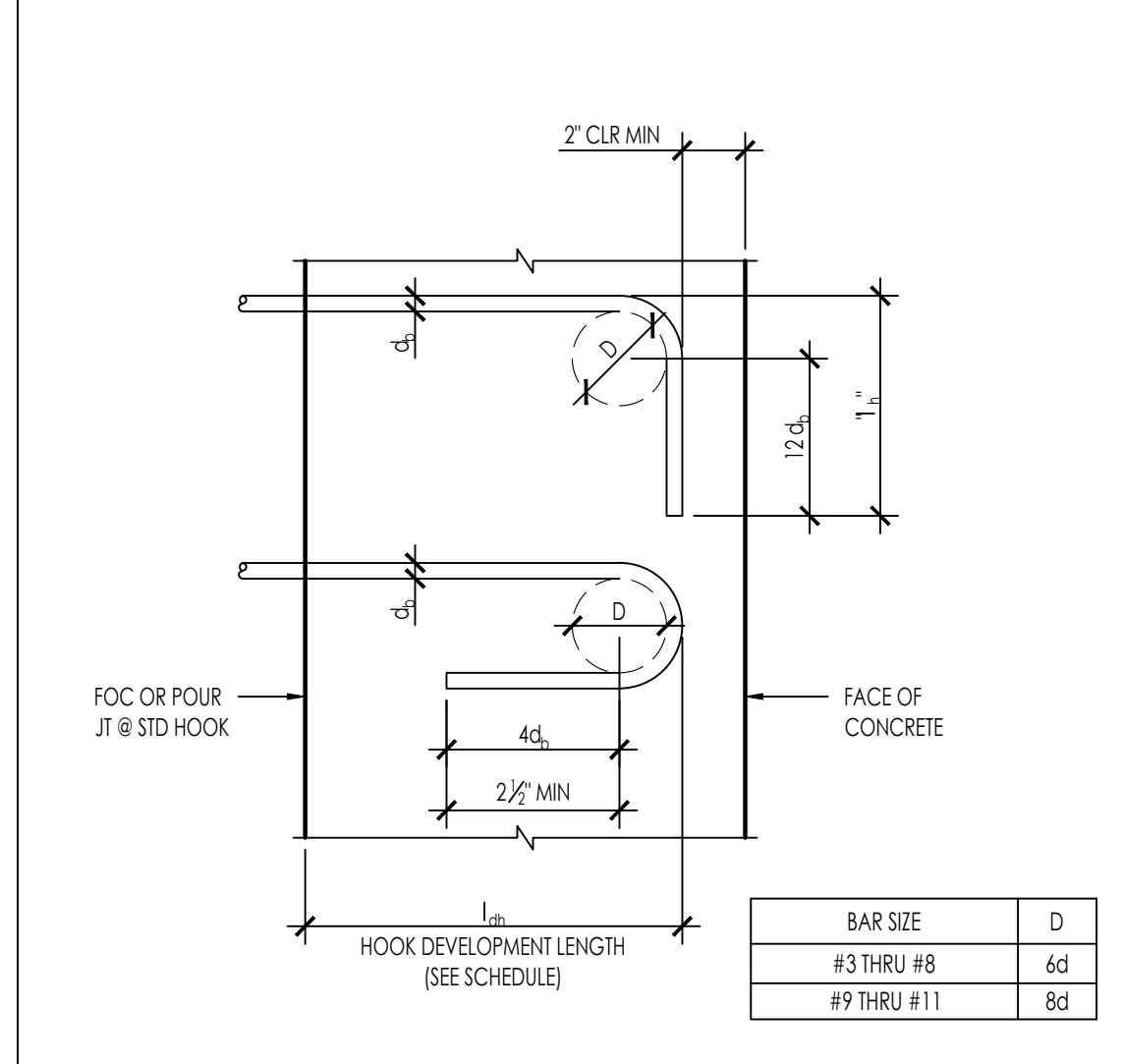
- NOTES:**
- ELIMINATE BARS IF OPENING IS LESS THAN 2'-0" IN BOTH DIMENSIONS.
 - REFER TO DETAIL S31- FOR SLAB ON GRADE SUBGRADE SUPPORT

CONC REIN @ INTERSECTION
2727-01-C102 - S301



CONC REIN @ INTERSECTION
2727-01-C102 - S301

REIN DEVELOPMENT LENGTH AND SPLICES
2727-01-C102 - S301



STANDARD HOOK DEVELOPMENT LENGTH l_{dh}

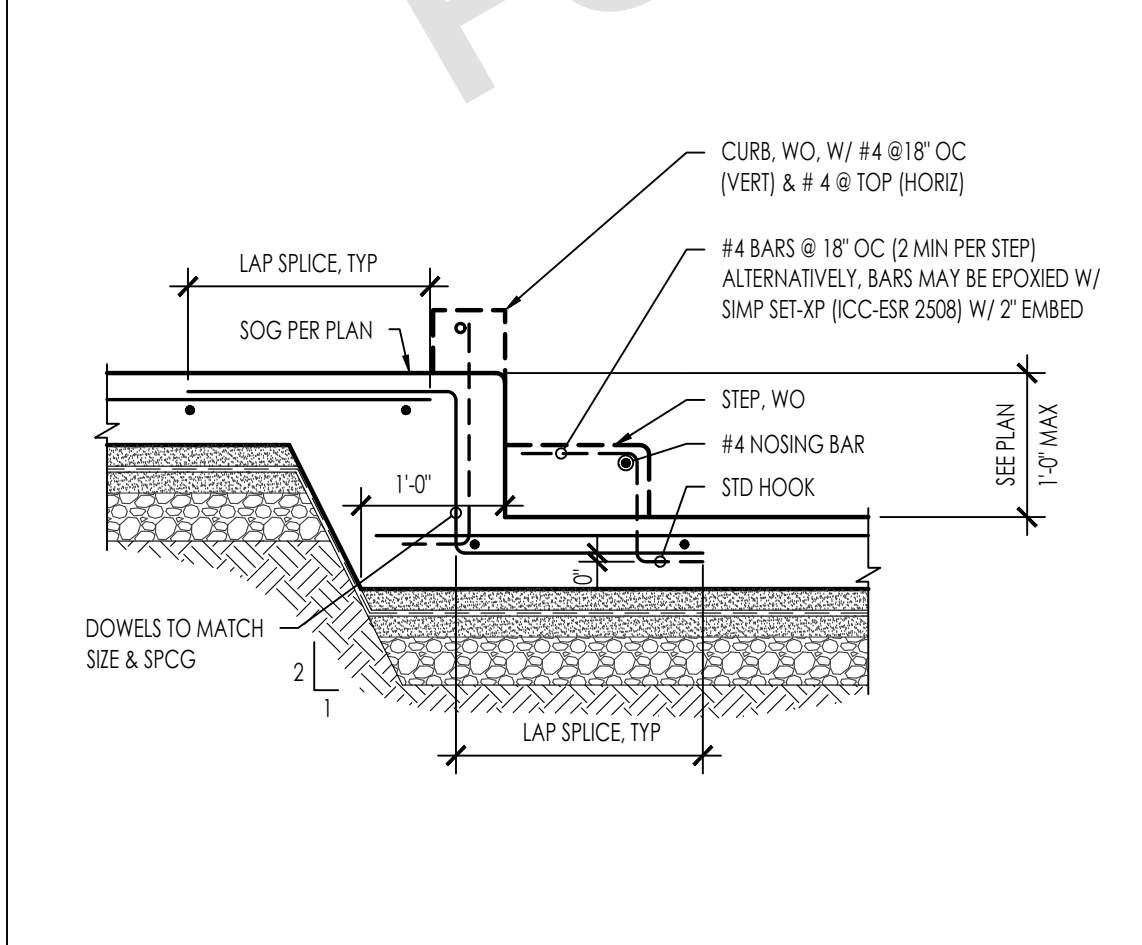
BAR SIZE	D	l_{dh}	NORMAL WEIGHT		
			2,500	3,000	4,000
#3	2 1/4"	6"	0-9"	0-9"	0-8"
#4	3"	8"	1-0"	0-11"	0-10"
#5	3 3/4"	10"	1-3"	1-2"	1-0"
#6	4 1/2"	12"	1-6"	1-5"	1-3"
#7	5 1/4"	14"	1-9"	1-8"	1-5"
#8	6"	14"	2-0"	1-10"	1-7"
#9	9 1/2"	17 1/2"	2-3"	2-1"	1-10"
#10	10 3/4"	1-10"	2-7"	2-4"	2-1"
#11	12"	2-0 1/2"	2-10"	2-7"	2-3"

NOTES:

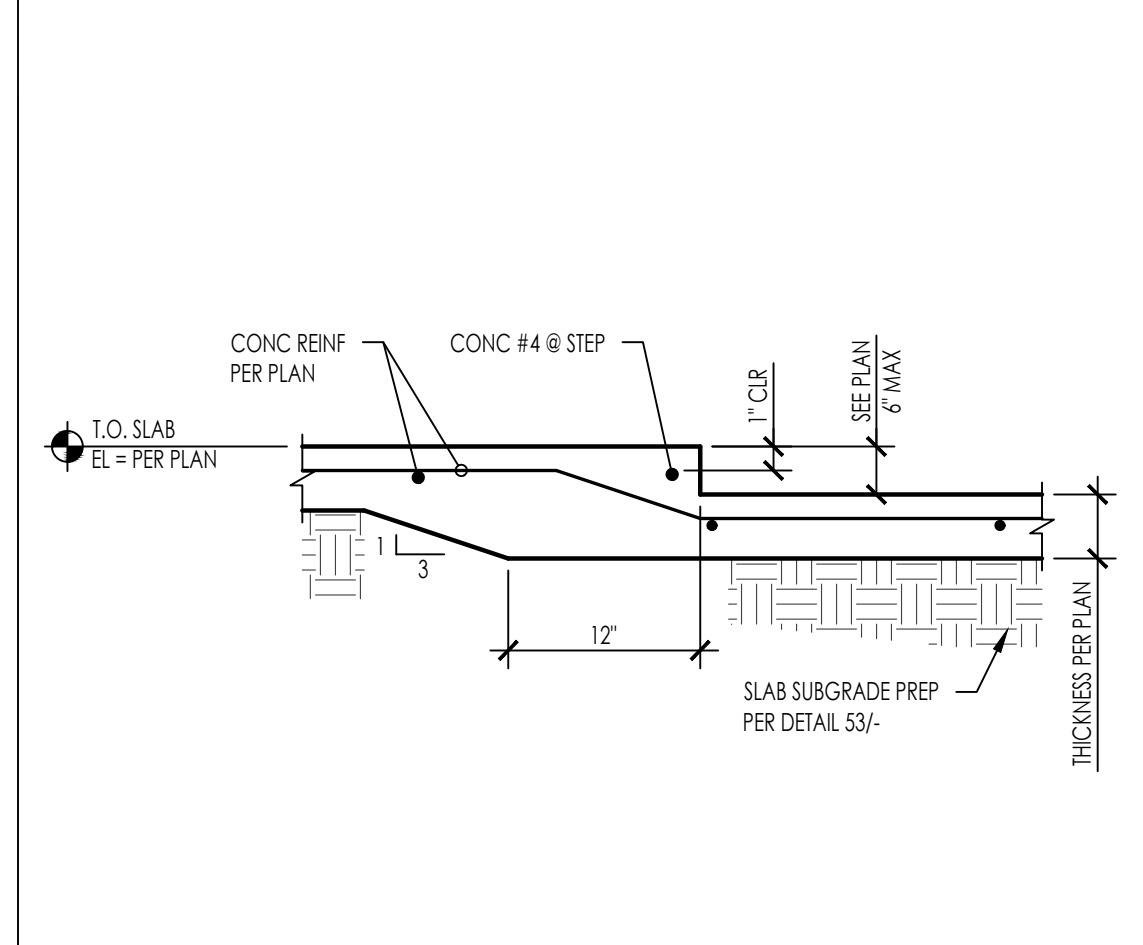
- ALL HOOKED BARS SHALL EXTEND AS FAR AS POSSIBLE WITH A MINIMUM 2" END COVER AND WITH EMBEDMENT NOT LESS THAN SHOWN ON THE SCHEDULE UNLESS NOTED OTHERWISE ON PLANS.
- MINIMUM SIDE COVER = 2d.
- FOR LIGHTWEIGHT CONCRETE MULTIPLY LENGTHS IN SCHEDULE BY 1.3.

REIN HOOK DEVELOPMENT LENGTH AND BENDS
2727-01-C102 - S301

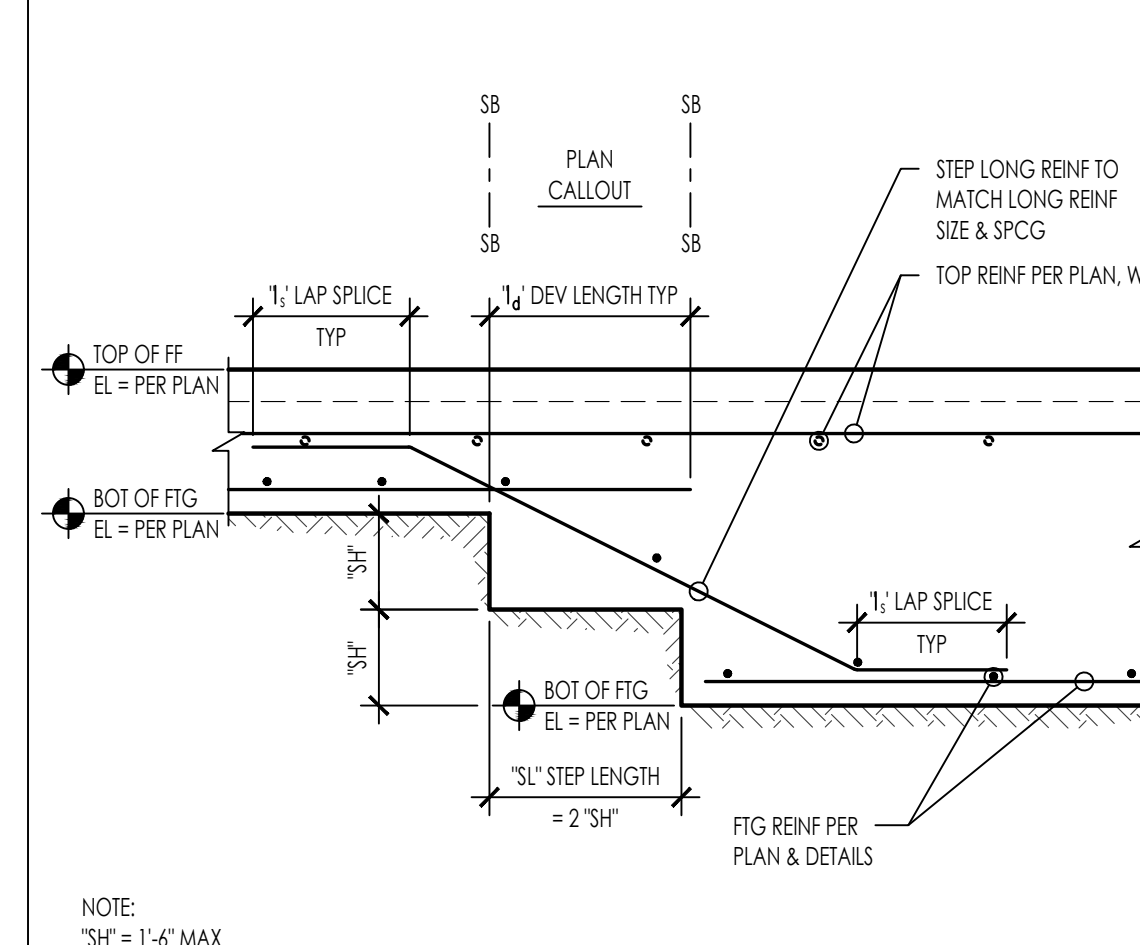
STEP IN CONCRETE SLAB ON GRADE
2727-01-C102 - S301



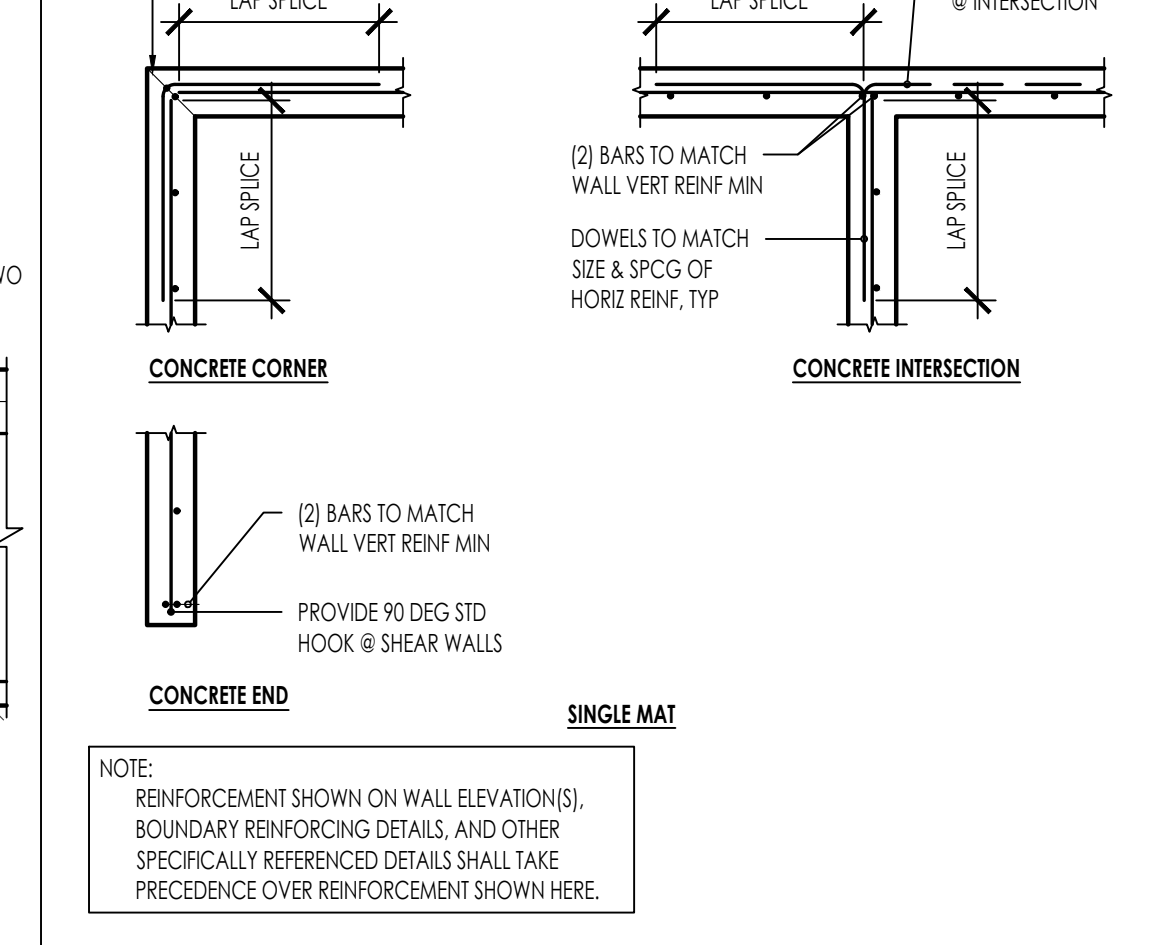
SLAB ON GRADE DEPRESSION
2727-01-C102 - S301



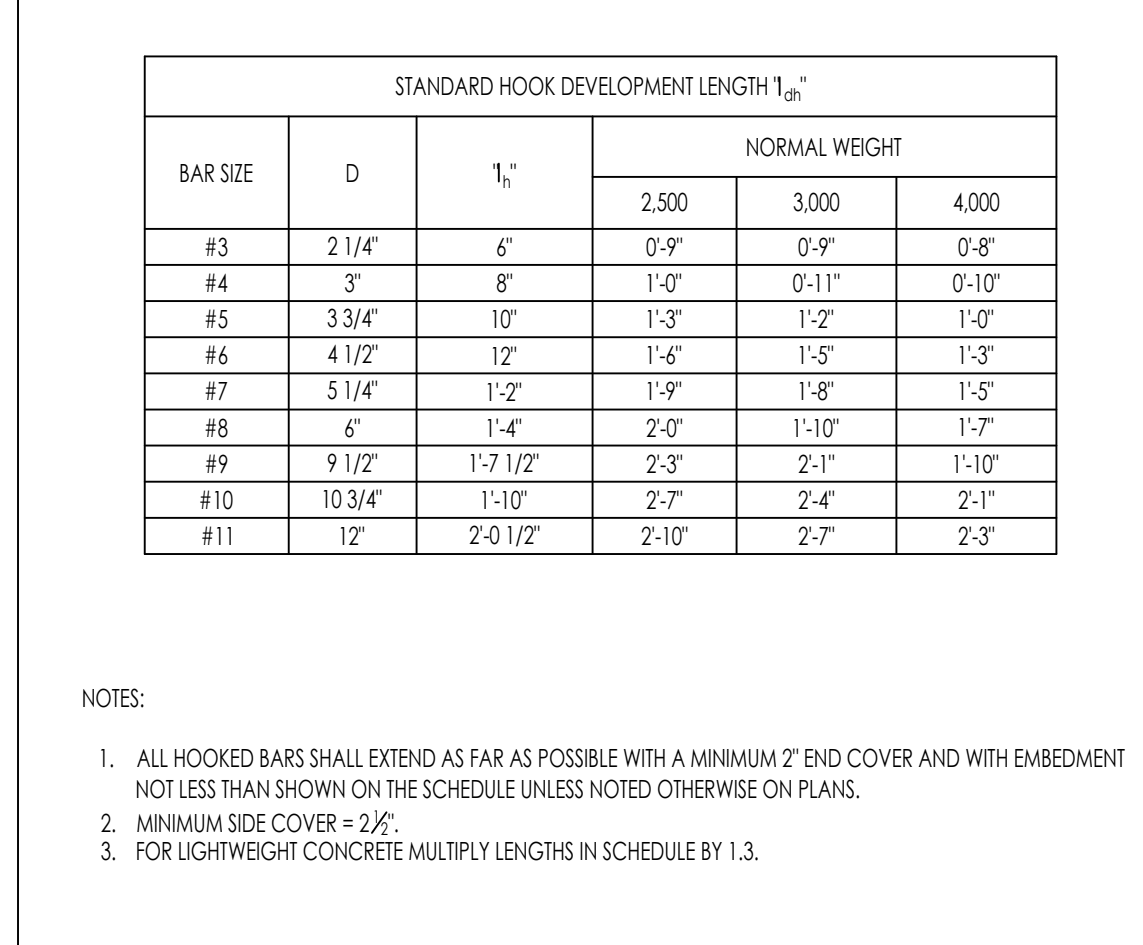
STEP FOOTING
2727-01-C102 - S301



CONC REIN @ INTERSECTION
2727-01-C102 - S301



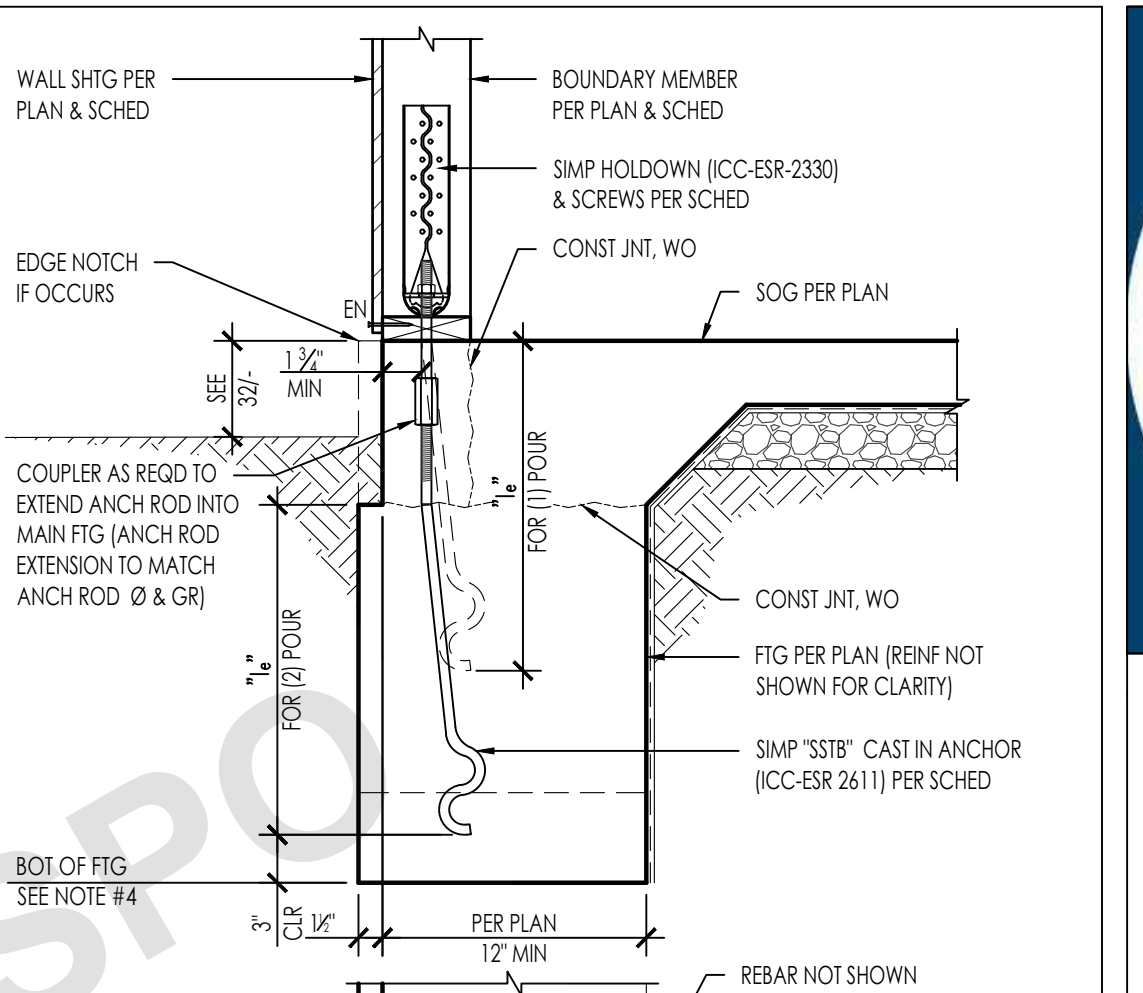
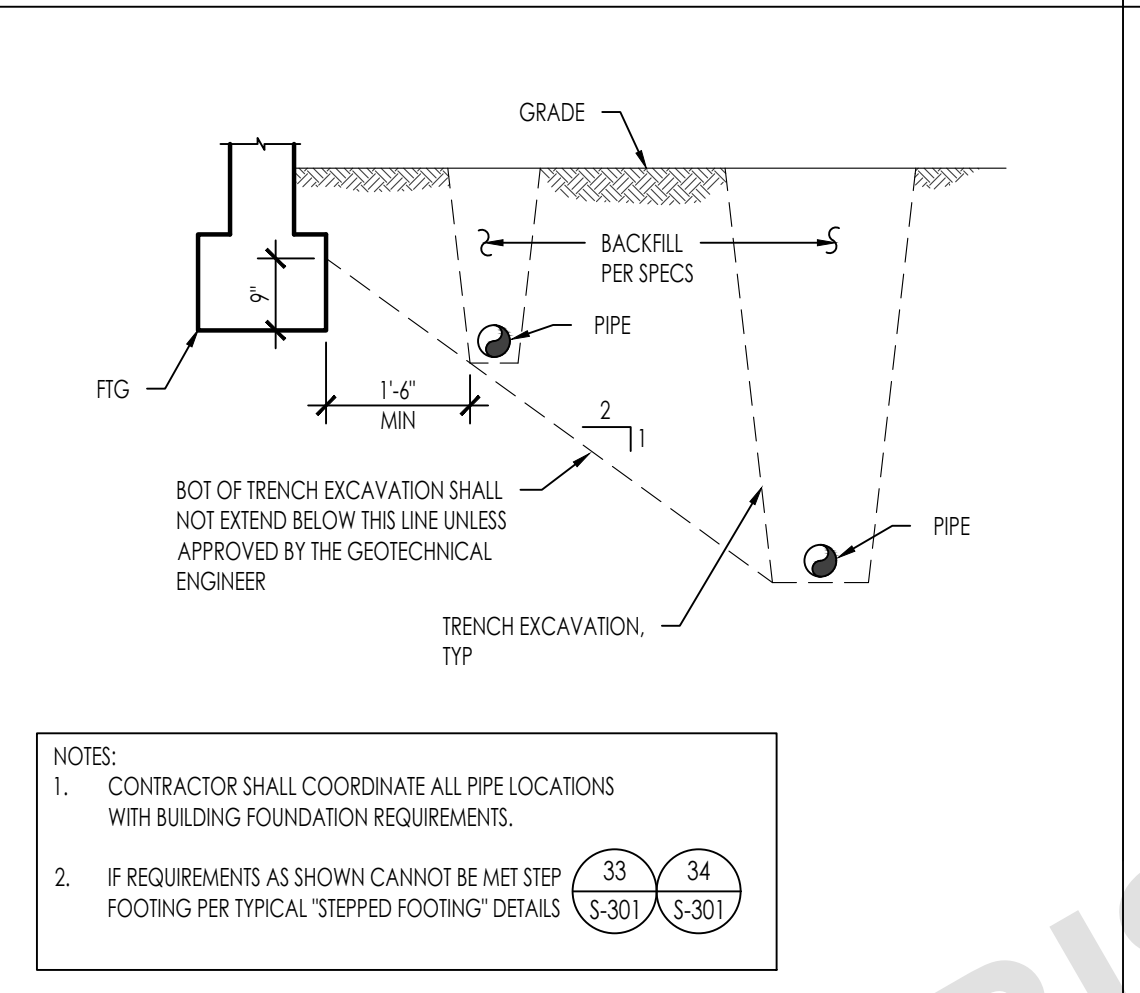
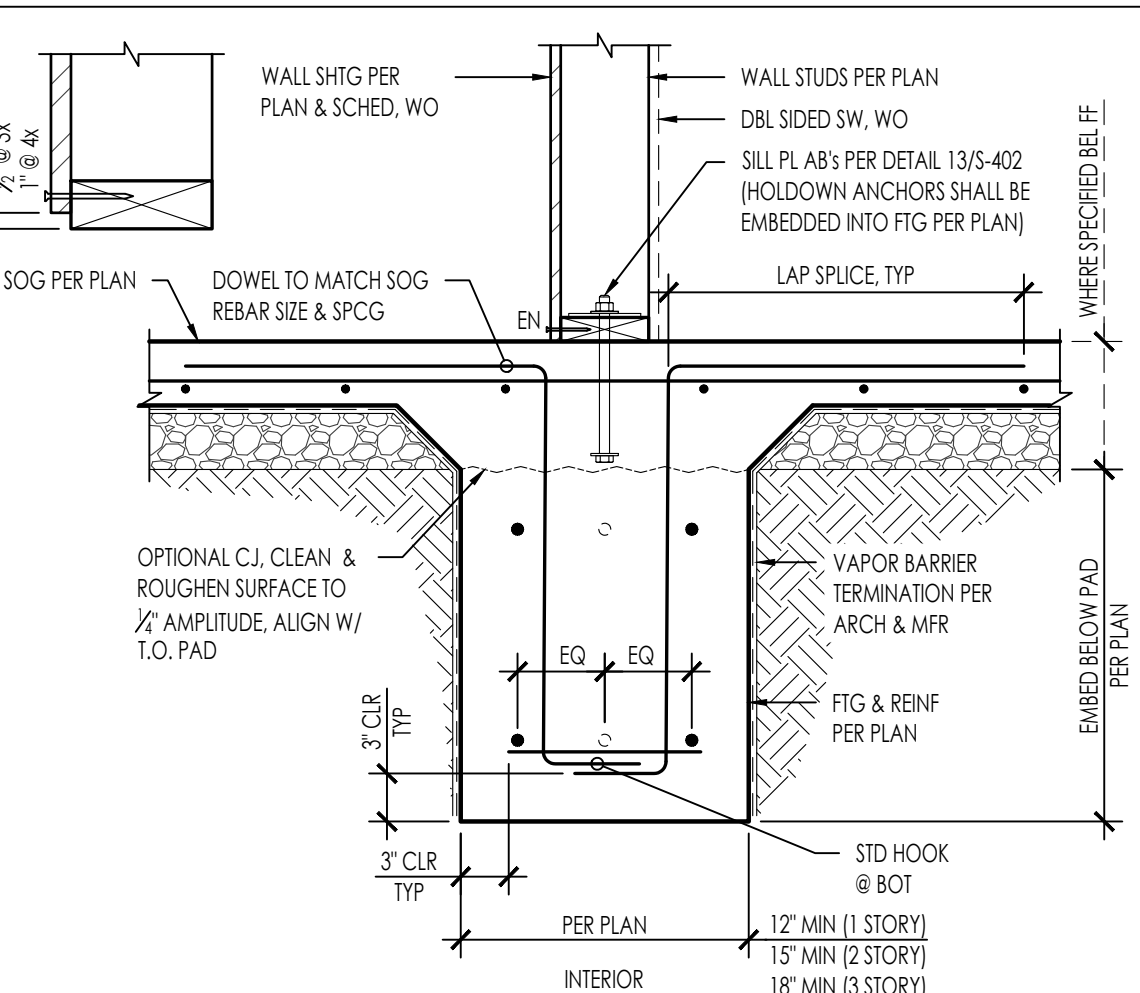
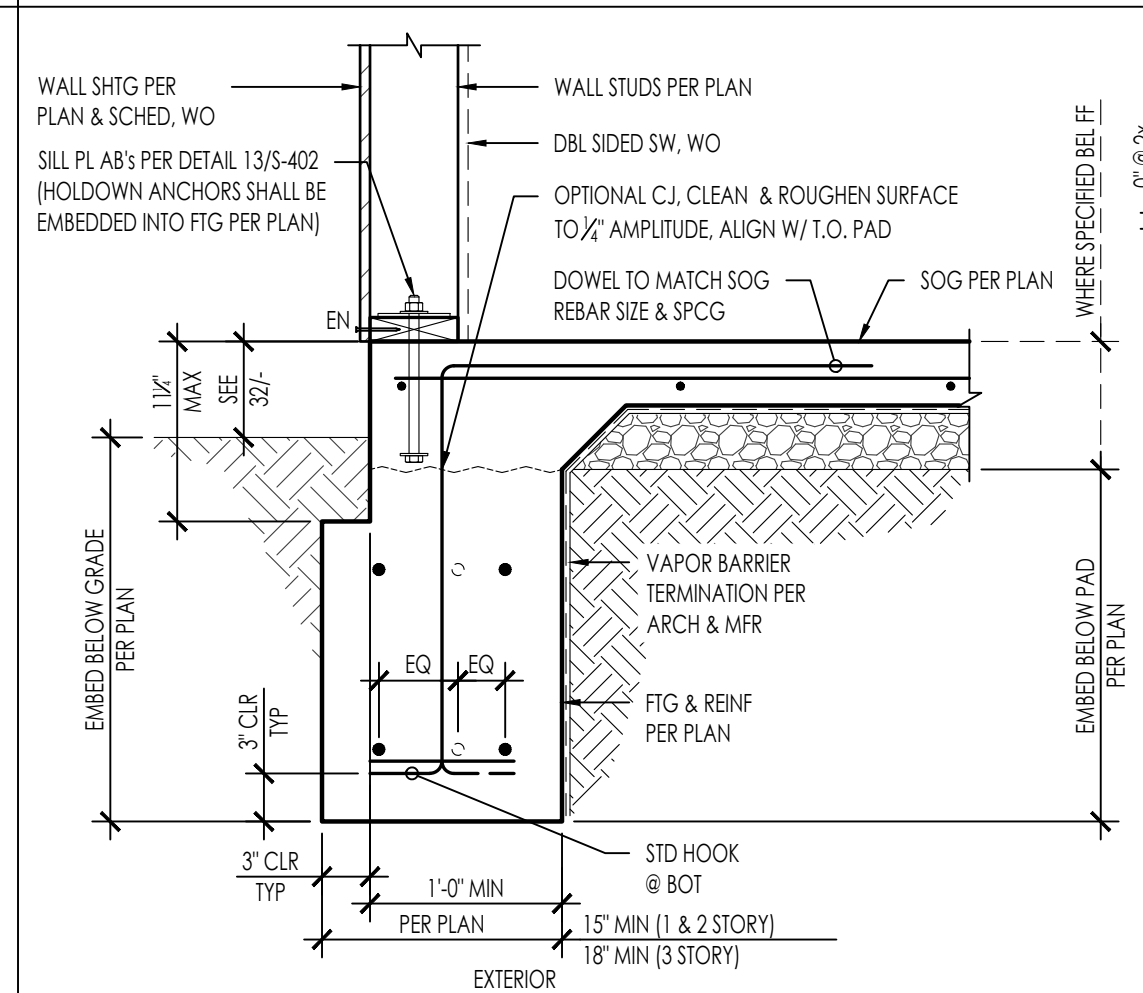
REIN DEVELOPMENT LENGTH AND SPLICES
2727-01-C102 - S301



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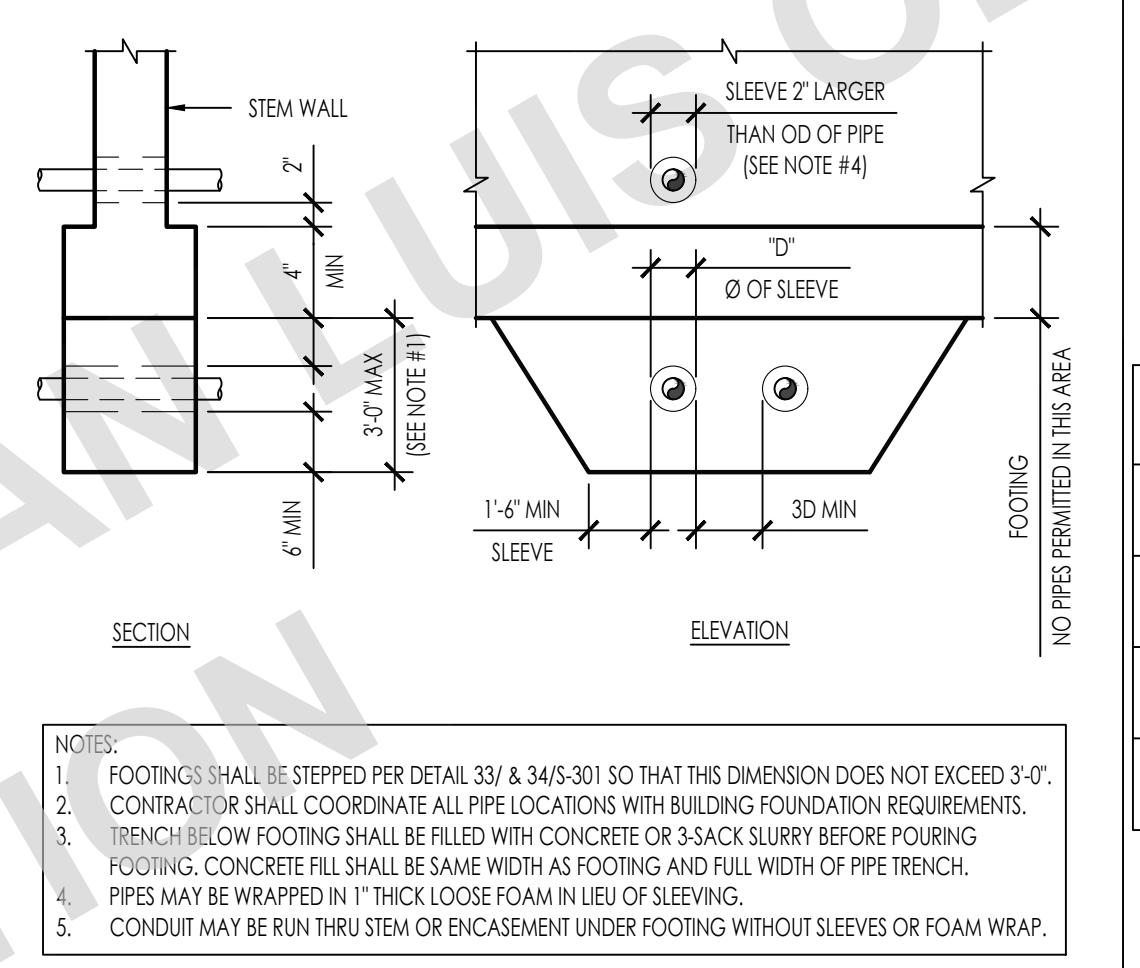
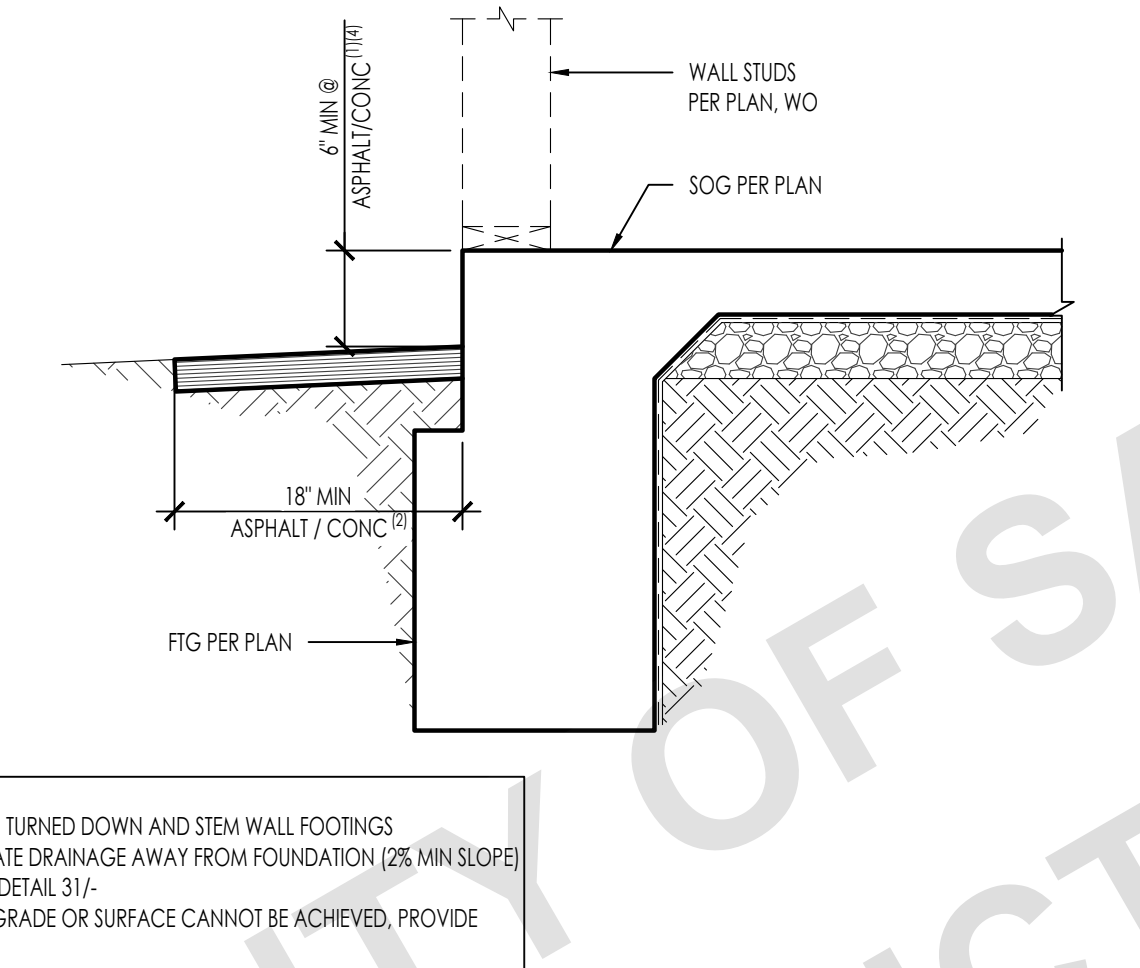
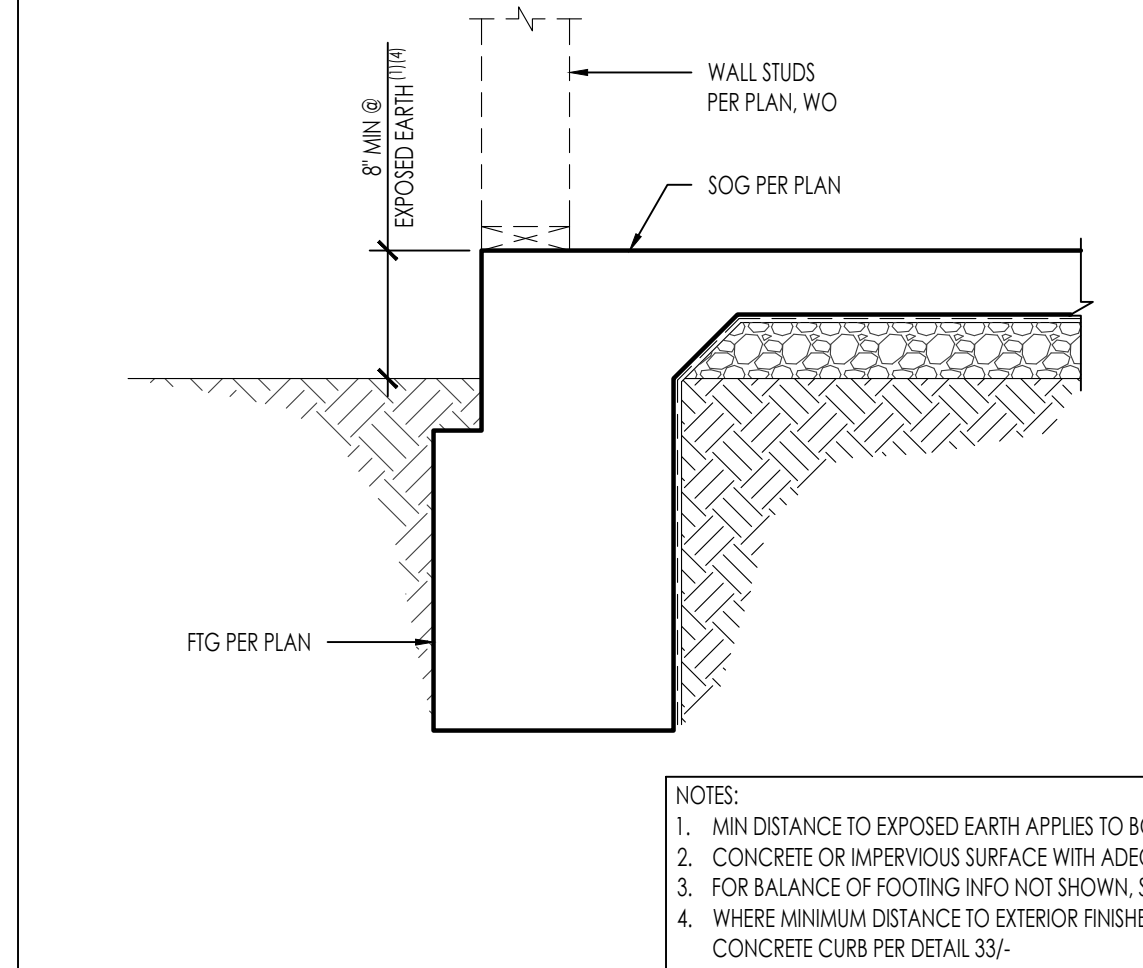


51 CONTINUOUS WALL FOOTING
227-01-C102-5311

31 PIPES PARALLEL TO FOOTINGS
227-01-C102-5311

21 PIPES PARALLEL TO FOOTINGS
227-01-C102-5311

22 PIPES PERPENDICULAR TO FOOTINGS W/ STEM WALL
227-01-C102-5311



TYPE	HOLDOWN	ANCHOR	DIA (IN)	FASTENERS	BOUNDARY MEMBER MIN THICKNESS (IN)	MIN EMBED 1 _e (IN)	ALLOWABLE LOADS (KIP)	
							CORNER	MIDWALL
ⓐ	HDU4-SDS2.5	SSTB16	1/2	10-SDS 1/2" x 2 1/2"	3	12 1/2	3,780	3,780
ⓑ	HDU5-SDS2.5	SSTB20	3/4	14-SDS 1/2" x 2 1/2"	3	16 1/2	4,785	4,785
ⓒ	HDU5-SDS2.5	SSTB24	1	14-SDS 1/2" x 2 1/2"	3	20 1/2	5,645*	5,645*
ⓓ	HQ08-SDS3	SSTB28	1 1/4	20-SDS 1/2" x 3"	4 1/2	24 1/2	9,230*	9,230*

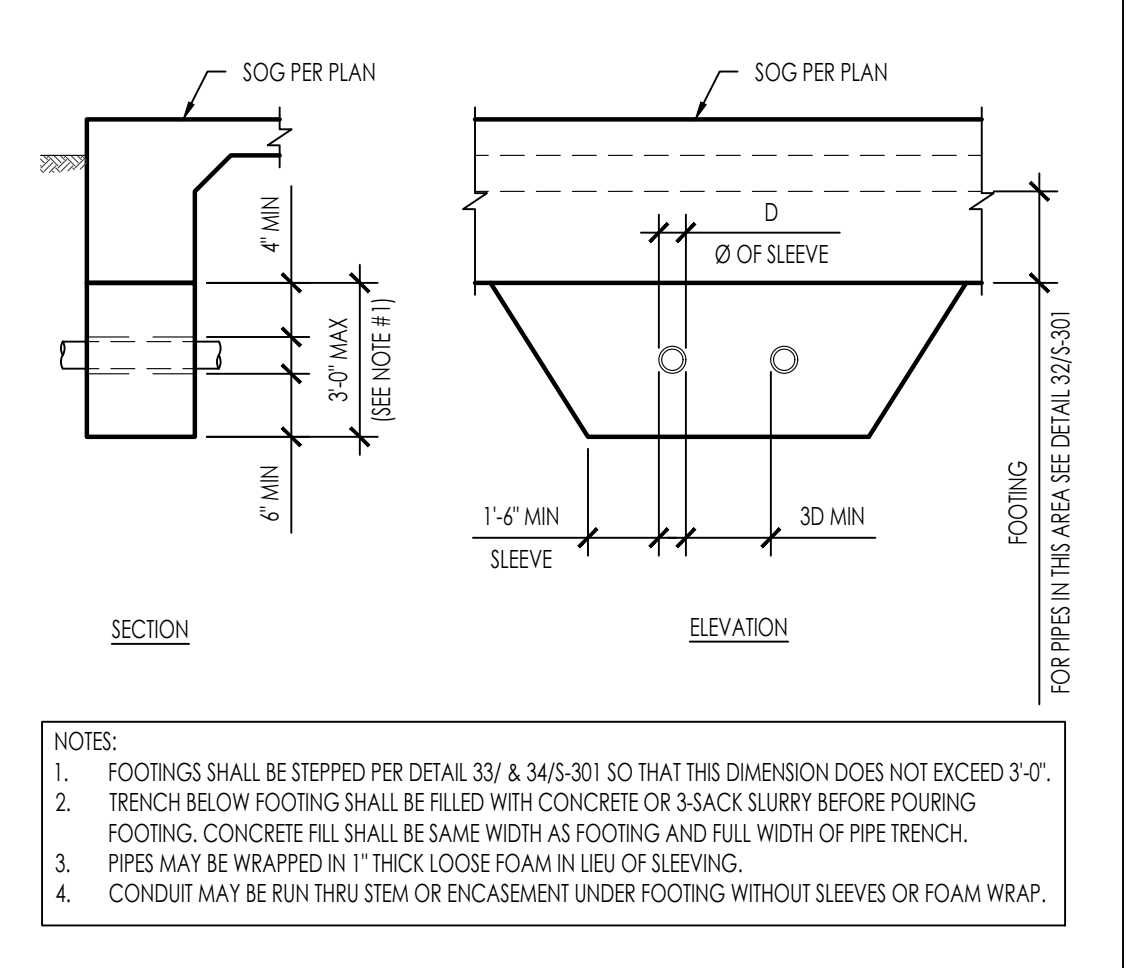
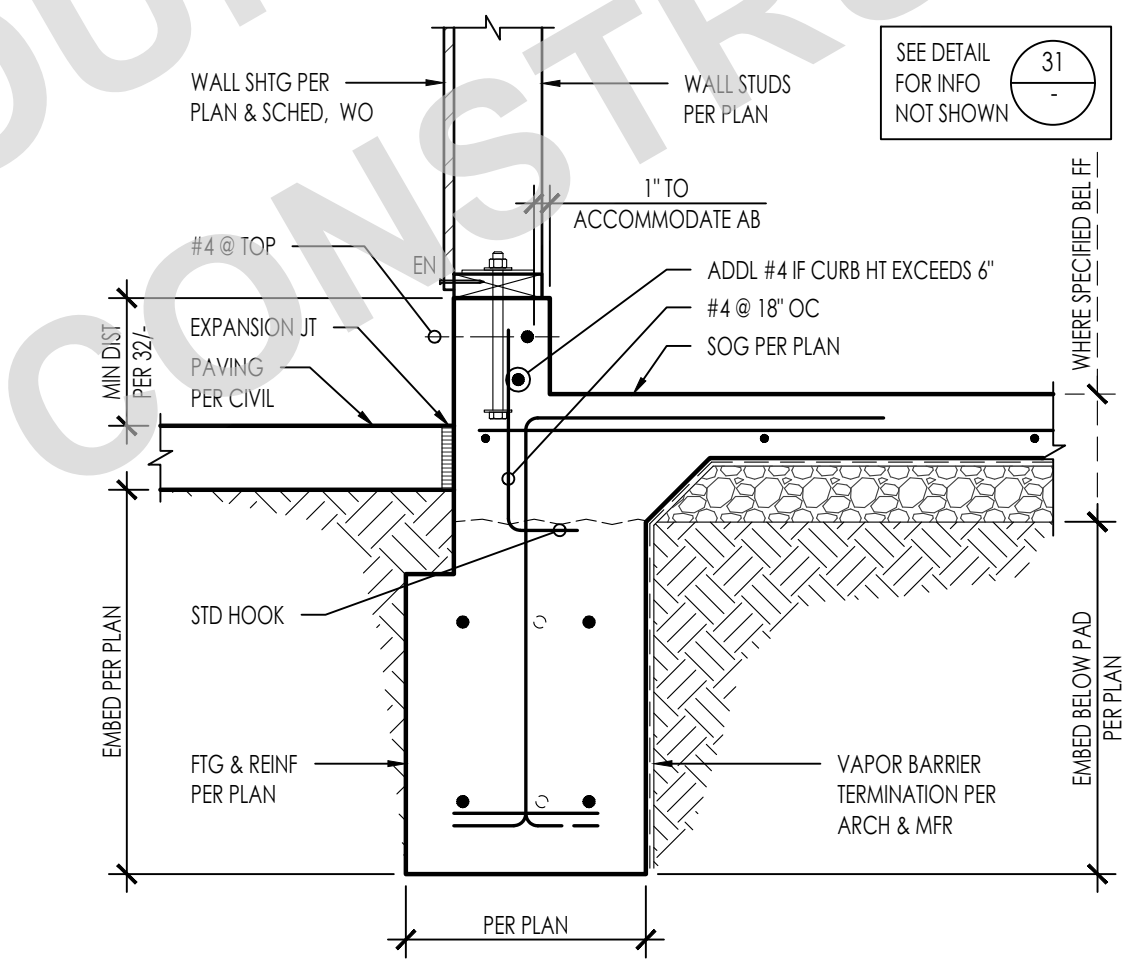
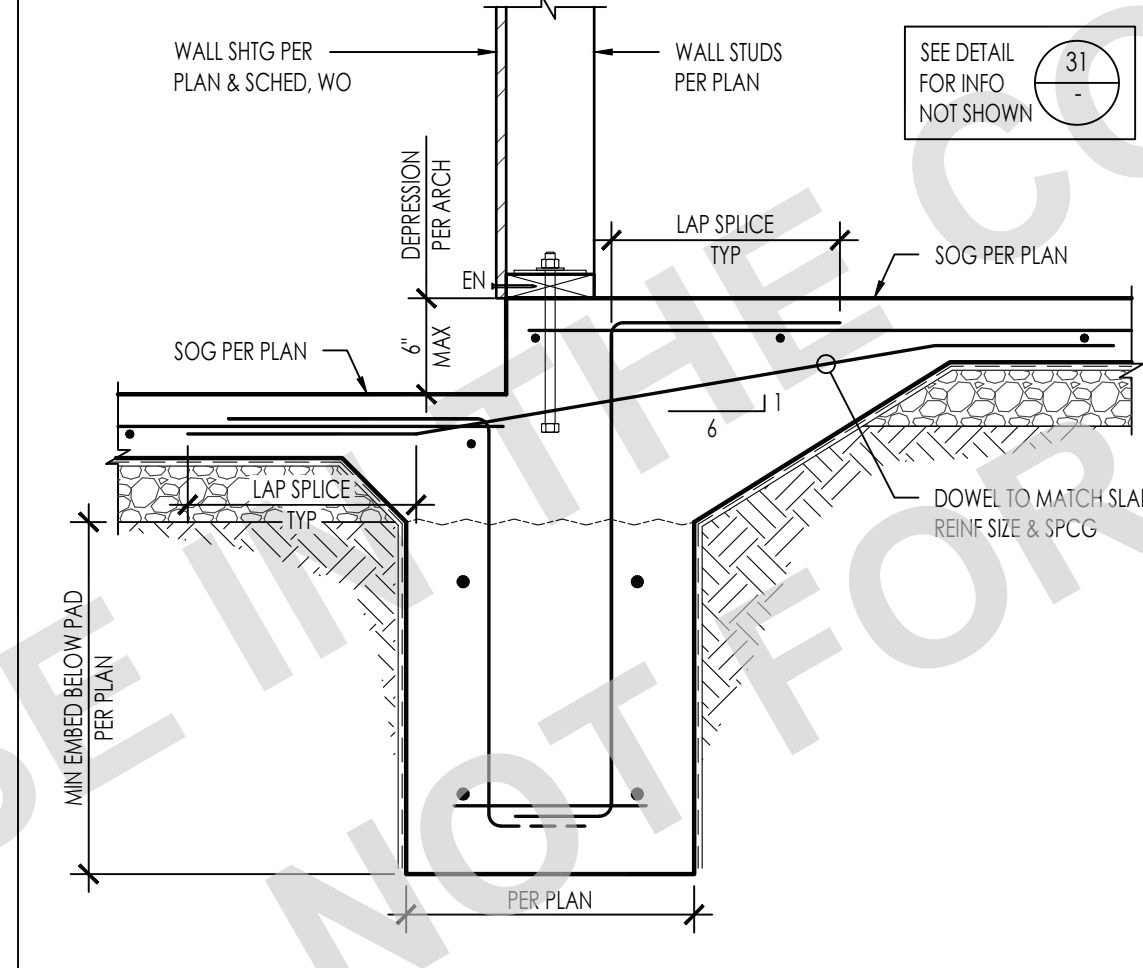
1. MINIMUM EDGE DISTANCE IS SHOWN ABOVE. ANCHOR LOCATIONS PER PLAN.
2. MINIMUM ANCHOR TO ANCHOR SPACING IS 3L.
3. * = CAPACITY LIMITED BY HOLDOWN.
4. DEEPEN FOOTING AT HOLDOWN ANCHOR AS REQ'D PER DETAIL 32/-.

52 MINIMUM DISTANCE FROM GRADE TO WOOD FRAMING
227-01-C102-5311

32 PIPES PERPENDICULAR TO FOOTINGS W/ STEM WALL
227-01-C102-5311

23 PIPES PERPENDICULAR TO FOOTINGS
227-01-C102-5311

SSTB ANCHOR & HOLDOWN @ FOUNDATION
227-01-C102-5311

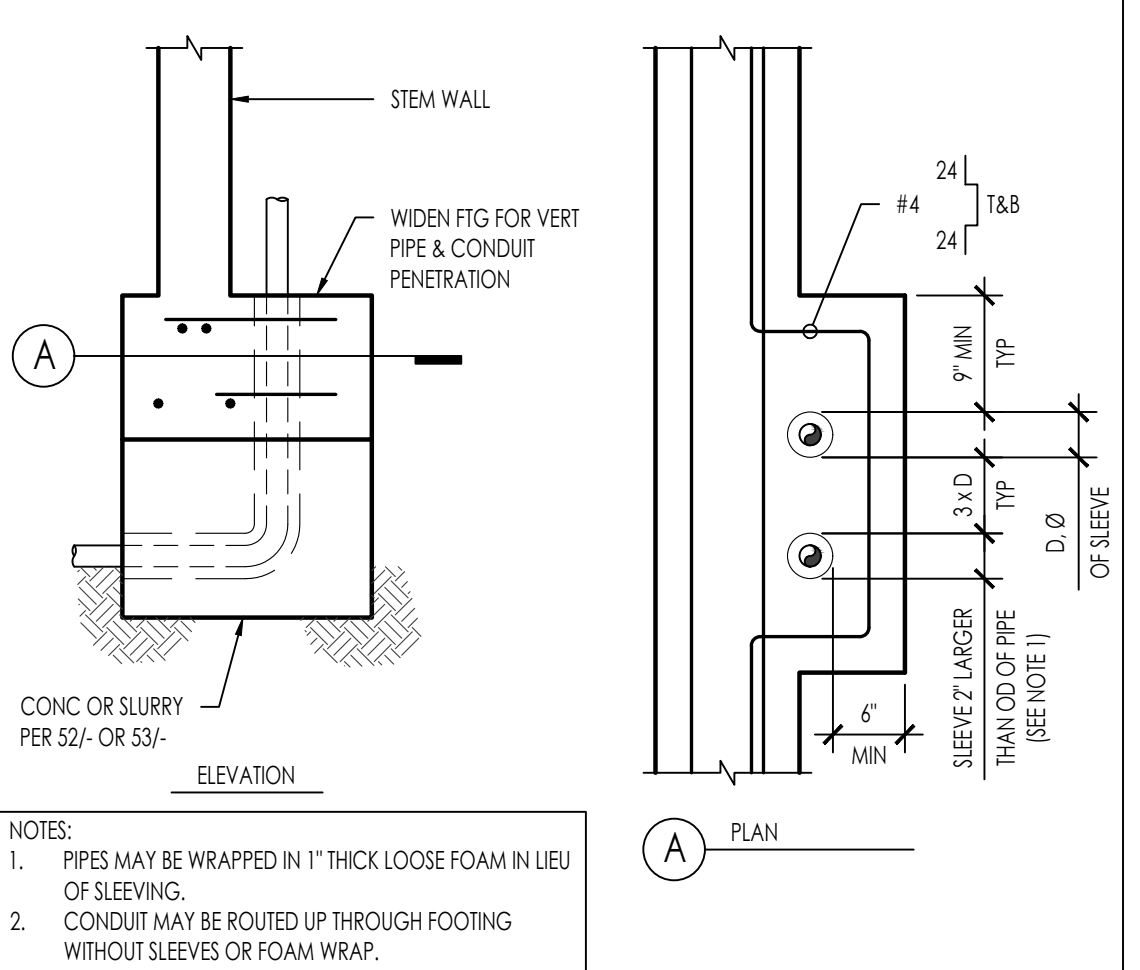
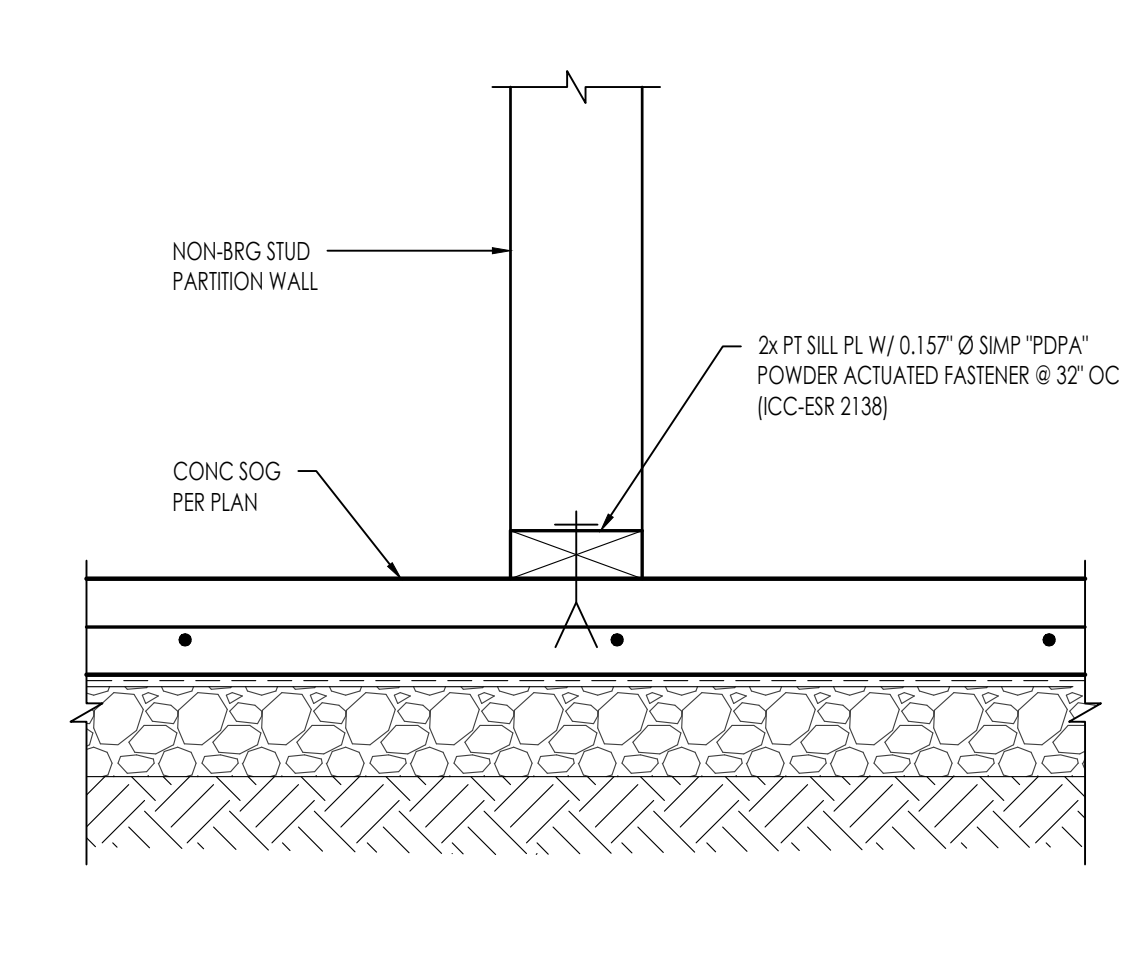


53 SOG DEPRESSION @ FTG
227-01-C102-5311

43 EXTERIOR CONTINUOUS WALL FTG W/ CURB
227-01-C102-5311

33 PIPES PERPENDICULAR TO FOOTINGS
227-01-C102-5311

24 TYPICAL VERT PIPES OR COND THROUGH FOOTING
227-01-C102-5311



54 NON-BEARING WALL ANCHORAGE @ SOG
227-01-C102-5311

44 NON-BEARING WALL ANCHORAGE @ SOG
227-01-C102-5311

34 TYPICAL VERT PIPES OR COND THROUGH FOOTING
227-01-C102-5311

24 TYPICAL VERT PIPES OR COND THROUGH FOOTING
227-01-C102-5311

COUNTY OF SAN LUIS OBISPO
ACCESSORY DWELLING UNIT
SAN LUIS OBISPO, CA
CONCRETE DETAILS

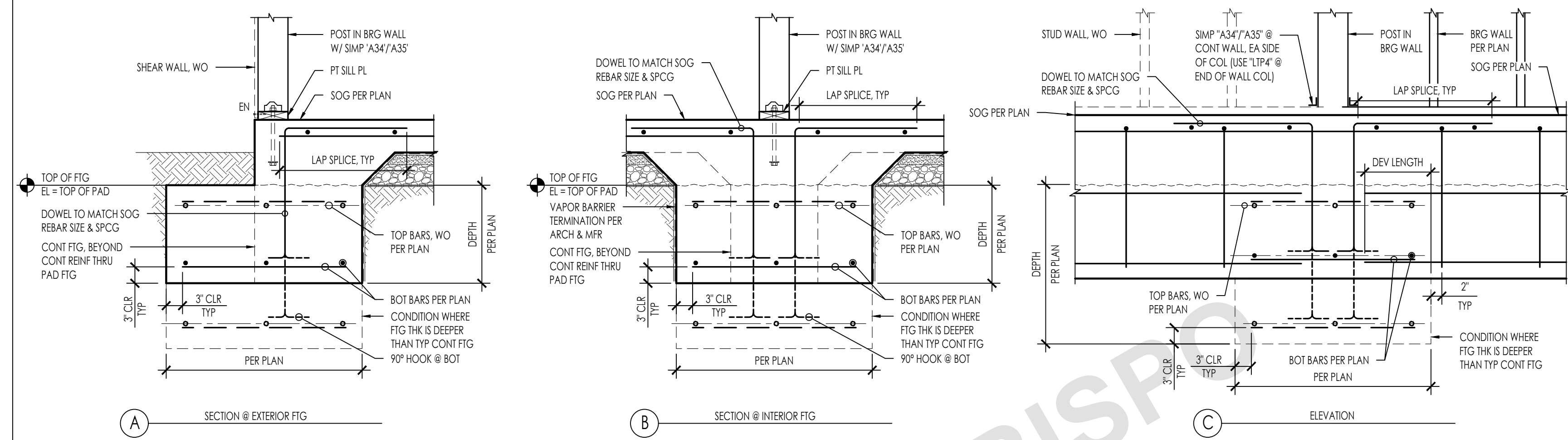
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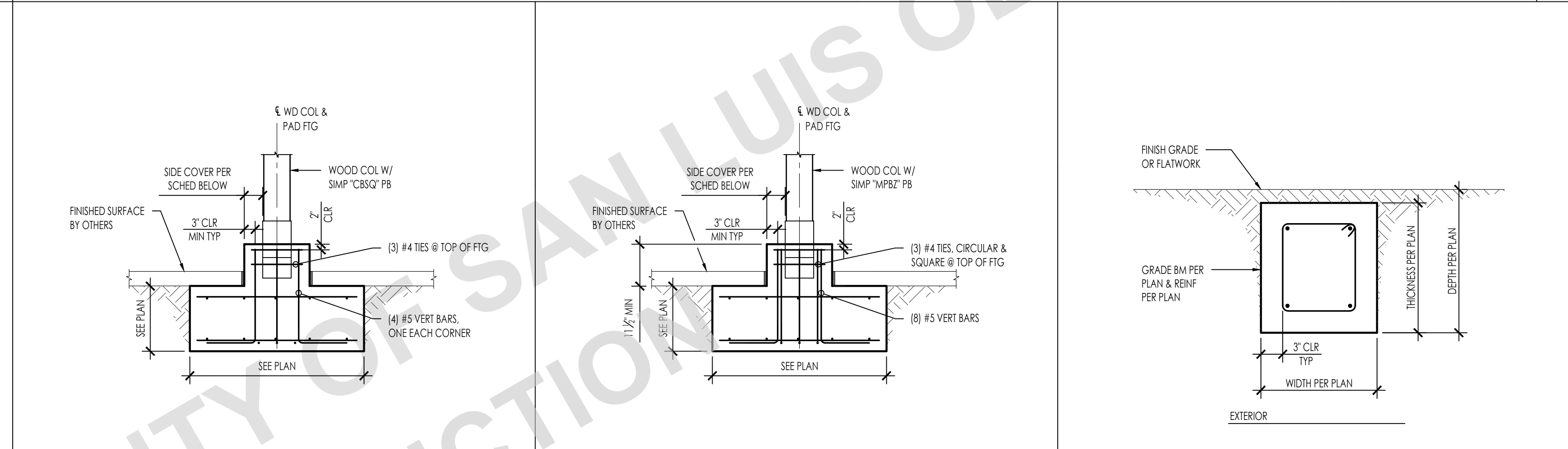
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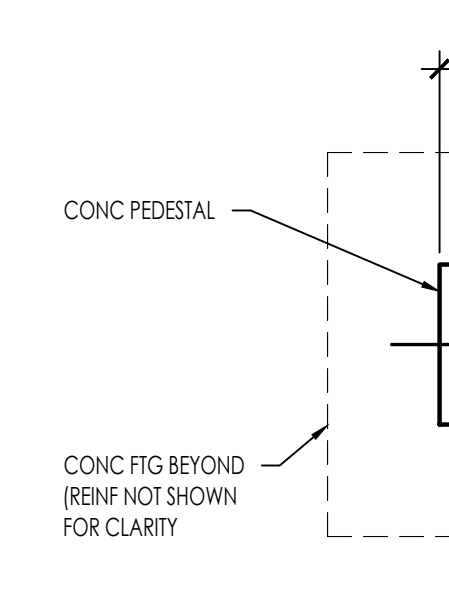
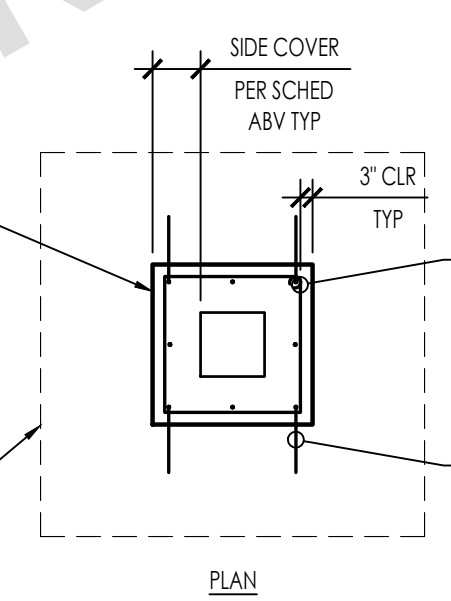


51 41 SPREAD FOOTING @ BEARING WALL POST 3/4" = 1'-0" 11



POST SIZE	MIN. SIDE COVER
4x4	0'-3"
6x6	0'-3"
8x8	0'-3"

POST SIZE	MIN. SIDE COVER
4x4	0'-4"
6x6	0'-5"
8x8	0'-6"



52 42 11/2" = 1'-0" 13

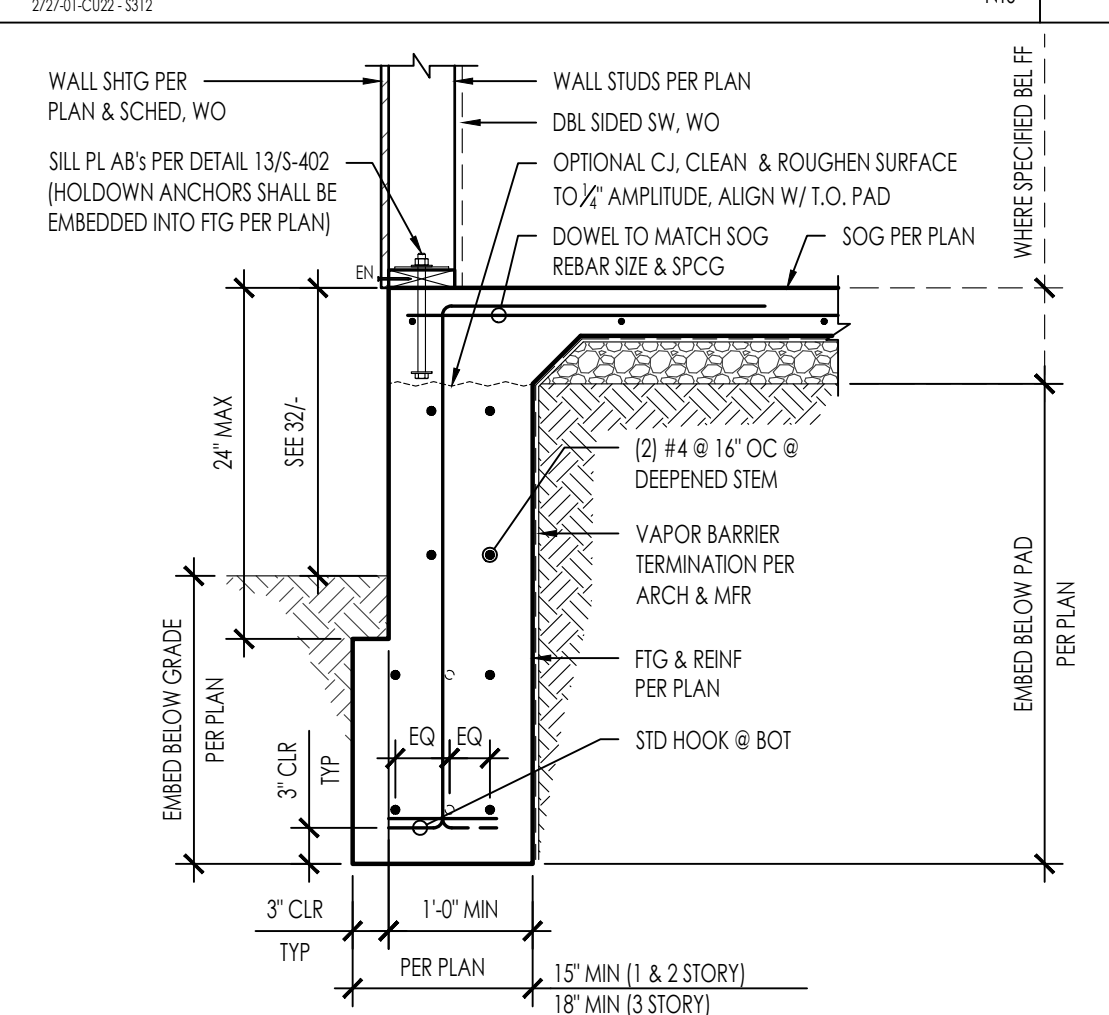
53 43 PORCH PAD FOOTING 1/2" = 1'-0" 33



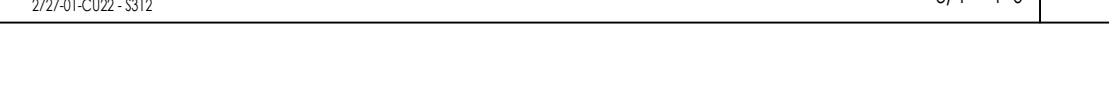
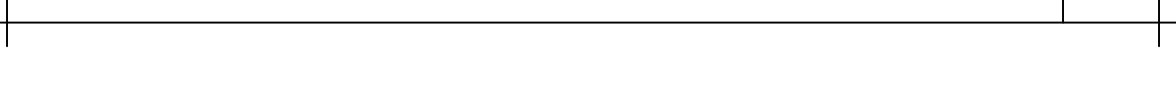
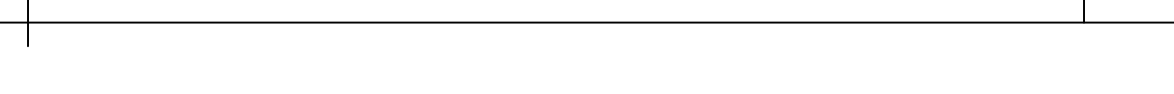
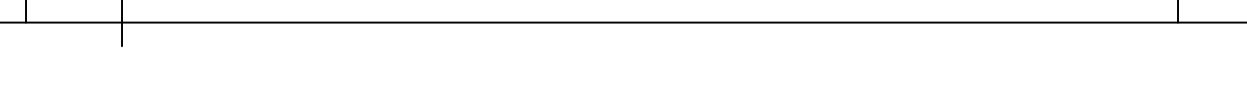
33 33 MOMENT BASE POST @ POLE FOOTING 1/2" = 1'-0" 23



23 23 GRADE BEAM NTS 13



54 44 DEEPEND EXTERIOR FOOTING 3/4" = 1'-0" 14



COUNTY OF SAN LUIS OBISPO
 ACCESSORY DWELLING UNIT
 SAN LUIS OBISPO, CA
 CONCRETE DETAILS

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 09/28/2023
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S-312

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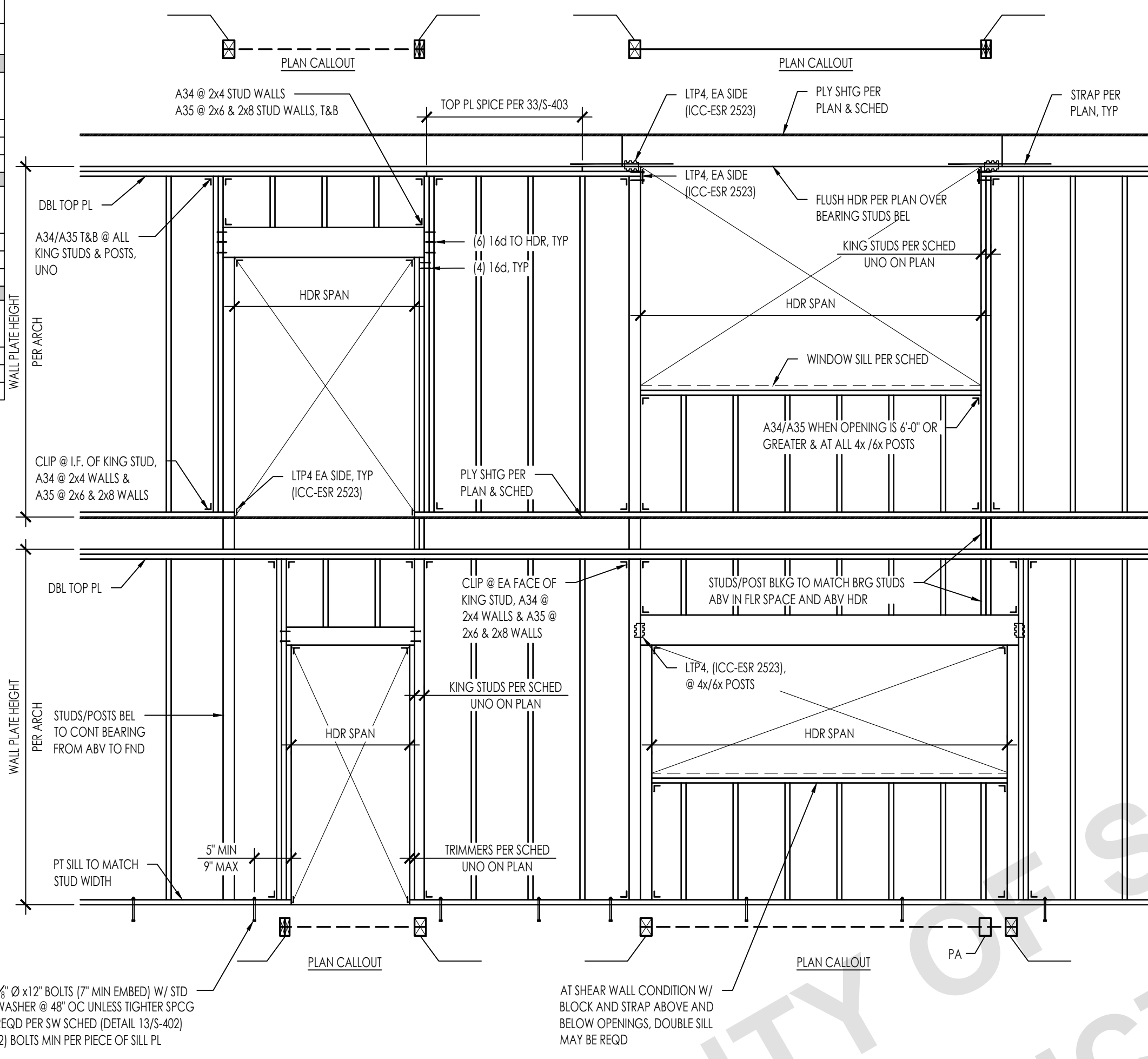


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BEARING/SHEAR WALL HEADER SCHEDULE												
4 INCH WALLS					3-STORY			2-STORY			1-STORY	
OPENING WIDTH	4x HEADER	SILL AT WINDOW	POST / TRIMMER	KING STUDS	3-STORY	2-STORY	1-STORY	OPENING WIDTH	6x HEADER	SILL AT WINDOW	POST / TRIMMER	KING STUDS
UP TO 3'-0"	4x4	2x	2x4	2x4				UP TO 3'-0"	6x4	2x	2x6	2x6
3'-0" - 5'-0"	4x6	2x	2x4	2x4				3'-0" - 5'-0"	6x6	2x	2x6	2x6
5'-0" - 7'-0"	4x8	(2) 2x	(2) 2x4	(2) 2x4				5'-0" - 7'-0"	6x8	(2) 2x	2x6	(2) 2x6

BEARING/SHEAR WALL HEADER SCHEDULE												
8 INCH WALLS					3-STORY			2-STORY			1-STORY	
OPENING WIDTH	8x HEADER	SILL AT WINDOW	POST / TRIMMER	KING STUDS	3-STORY	2-STORY	1-STORY	OPENING WIDTH	8x HEADER	SILL AT WINDOW	POST / TRIMMER	KING STUDS
UP TO 3'-0"	4x6 FLAT	2x	2x6	2x6				UP TO 3'-0"	8x6 FLAT	2x	2x8	2x8
3'-0" - 5'-0"	6x6 FLAT	2x	2x6	2x6				3'-0" - 5'-0"	8x8 FLAT	2x	2x8	2x8
5'-0" - 7'-0"	6x8 FLAT	(2) 2x	2x6	(2) 2x6				5'-0" - 7'-0"	8x12 FLAT	(2) 2x	2x8	(2) 2x8

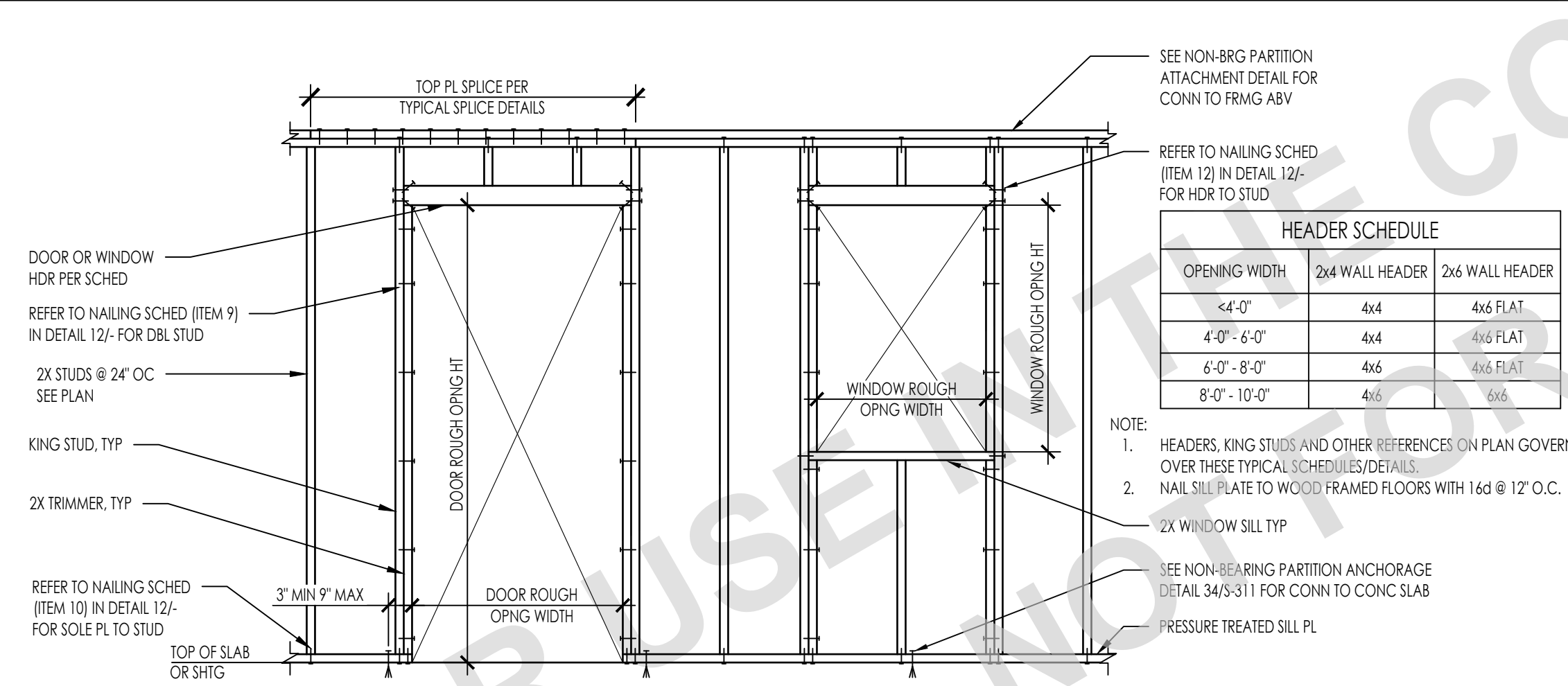
NOTES:
 1. THIS DETAIL APPLIES AT ALL EXT WALLS AND INT LOAD BEARING WALLS AND ALSO APPLIES TO SHEAR WALL FRAMING
 A. FOR SHEAR WALLS SEE 3415-402 FOR ADD'L REQUIREMENTS.
 B. FOR INTERIOR NON-BEARING PARTITIONS SEE DETAIL 431.
 2. HEADERS, KING STUDS AND OTHER REFERENCES ON PLAN GOVERN OVER THIS TYPICAL SCHED/DETAILS
 3. PROVIDE A34 @ 4" WALLS & A35 @ 6" OR GREATER WALLS (ICC-ESR 2353)



FASTENING SCHEDULE PER 2022 CBC 2304.10.1		
CONNECTION	FASTENING	LOCATION
1. BLOCKING BETWEEN CEILING JOISTS, RAFTERS OR TRUSSES TO TOP PLATE, TO RAFTER OR TRUSS	3-8d COMMON	EACH END, TOENAIL
2. BLOCKING BETWEEN RAFTERS OR TRUSSES NOT AT THE WALL TO TOP PLATE, TO RAFTER OR TRUSS	2-8d COMMON	EACH END, TOENAIL
3. FLAT BLOCKING TO TRUSS AND WEB FILLER	2-16d COMMON	END NAIL
4. CEILING JOIST TO TOP PLATE	1-6d COMMON @ 6" OC	FACE NAIL
5. CEILING JOIST NOT ATTACHED TO PARALLEL RAFTER, LAPS OVER PARTITIONS	3-8d COMMON	EACH JOIST, TOENAIL
6. CEILING JOIST ATTACHED TO PARALLEL RAFTER (HEEL JOINT)	3-16d COMMON	FACE NAIL
7. COLLAR TIE TO RAFTER	3-10d COMMON	FACE NAIL
8. RAFTER OR ROOF TRUSS TO PLATE	3-10d COMMON	TOENAIL ²
9. ROOF RAFTER TO RIDGE VALLEY OR HIP RAFTER; OR ROOF RAFTER TO 2-INCH RIDGE BEAM	2-16d COMMON	END NAIL
10. STUD TO STUD AND ABUTTING STUDS AT INTERSECTING WALL CORNERS	3-10d COMMON	TOENAIL
11. BUILT-UP HEADER (2" TO 2" HEADER)	1-6d COMMON	1/4" OC EACH EDGE, FACE NAIL
12. CONTINUOUS HEADER TO STUD	4-10d COMMON	TOENAIL
13. TOP PLATE TO TOP PLATE	1-6d COMMON	1/4" OC FACE NAIL
14. TOP PLATE TO TOP PLATE, AT END JOINTS	8-16d COMMON	EACH SIDE OF END JOINT, FACE NAIL (MINIMUM 24" LAP SPICE LENGTH EACH SIDE OF END JOINT)
15. BOTTOM PLATE TO JOIST, RIM JOIST, BAND JOIST OR BLOCKING	2-16d COMMON	1/4" OC FACE NAIL
16. STUD TO TOP OR BOTTOM PLATE	4-8d COMMON	TOENAIL
17. TOP PLATES, LAPS AT CORNERS AND INTERSECTIONS	2-16d COMMON	END NAIL
18. JOIST TO SILL, TOP PLATE, OR GIRDER	3-8d COMMON	FACE NAIL
20. RIM JOIST, BAND JOIST, OR BLOCKING TO TOP PLATE, SILL OR OTHER FRAMING BELOW	8d COMMON	TOENAIL
21. 1"x6" SUBFLOOR OR LESS TO EACH JOIST	8d COMMON	6" OC, TOENAIL
22. 2" SUBFLOOR TO JOIST OR GIRDER	2-8d COMMON	FACE NAIL
23. BUILT-UP GIRDER AND BEAMS, 2" LUMBER LAYERS	2-16d COMMON	FACE NAIL
24. LEDGER STRIP SUPPORTING JOIST OR RAFTERS	20d COMMON (4" x 0.192)	32" OC FACE NAIL AT TOP AND BOTTOM STAGGERED ON OPPOSITE SIDE
26. JOIST TO BAND JOIST OR RIM JOIST	3-16d COMMON	EACH JOIST OR RAFTER, FACE NAIL
27. BRIDGING OR BLOCKING TO JOIST, RAFTER OR TRUSS	3-16d COMMON	END NAIL
	2-8d COMMON	EACH END, TOENAIL

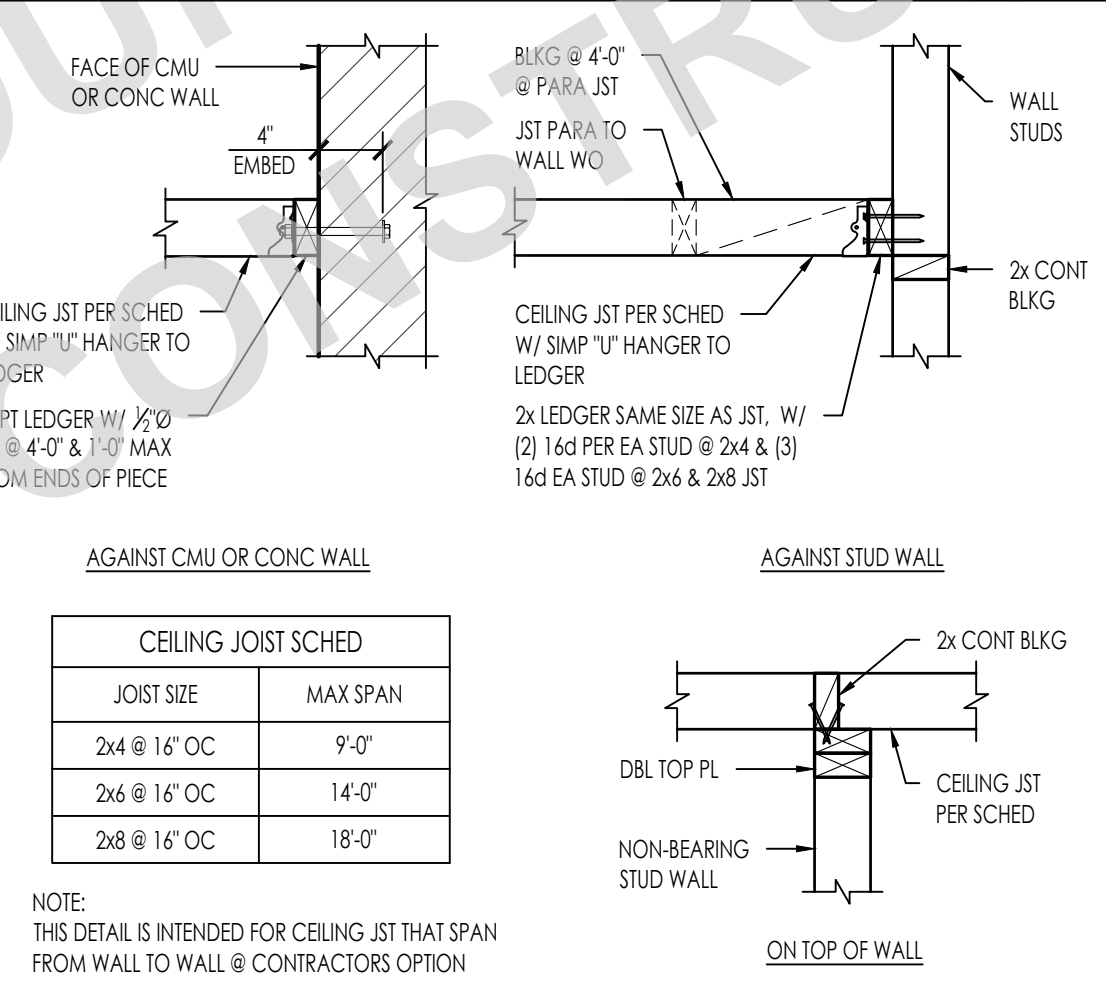
NOTES:
 a. THIS NAILING SCHEDULE SHALL ONLY BE USED IF CONDITION IS NOT OTHERWISE DETAILED OR SPECIFIED ON THE CONSTRUCTION DOCUMENTS. COMMON NAILS SHALL BE USED EXCEPT WHERE OTHERWISE STATED
 b. WHERE A RAFTER IS FASTENED TO AN ADJACENT PARALLEL CEILING JOIST IN ACCORDANCE WITH THIS SCHEDULE AND THE CEILING JOIST IS FASTENED TO THE TOP PLATE IN ACCORDANCE WITH THIS SCHEDULE, THE NUMBER OF TOENAILS IN THE RAFTER SHALL BE PERMITTED TO BE REDUCED BY ONE NAIL

EXTERIOR WALL / INTERIOR WALL BEARING WALL FRAMING



HEADER SCHEDULE		
OPENING WIDTH	2x4 WALL HEADER	2x6 WALL HEADER
< 4'-0"	4x4	4x6 FLAT
4'-0" - 6'-0"	4x4	4x6 FLAT
6'-0" - 8'-0"	4x6	4x6 FLAT
8'-0" - 10'-0"	4x6	6x6

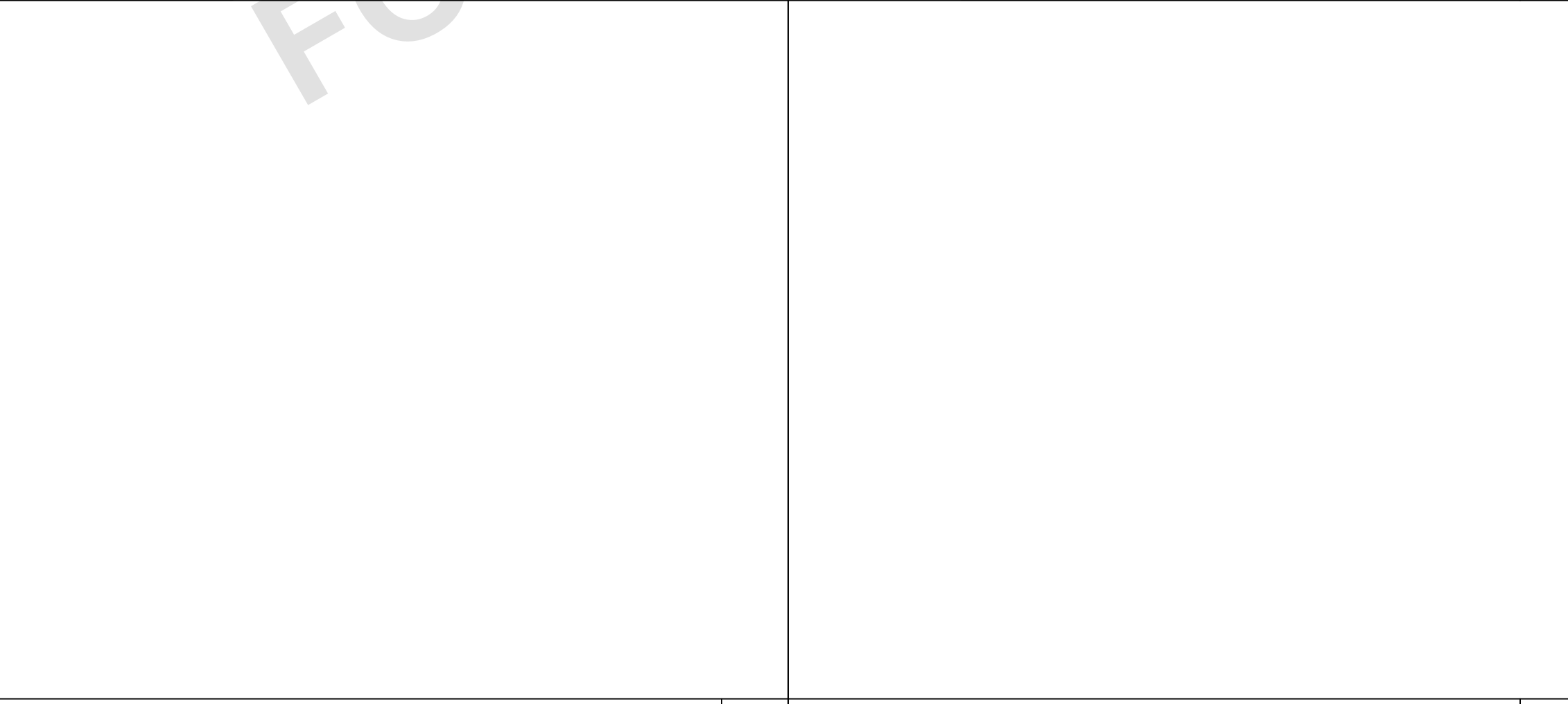
NOTE:
 1. HEADERS, KING STUDS AND OTHER REFERENCES ON PLAN GOVERN OVER THESE TYPICAL SCHEDULES/DETAILS
 2. NAIL SILL PLATE TO WOOD FRAMED FLOORS WITH 16d @ 12" O.C.



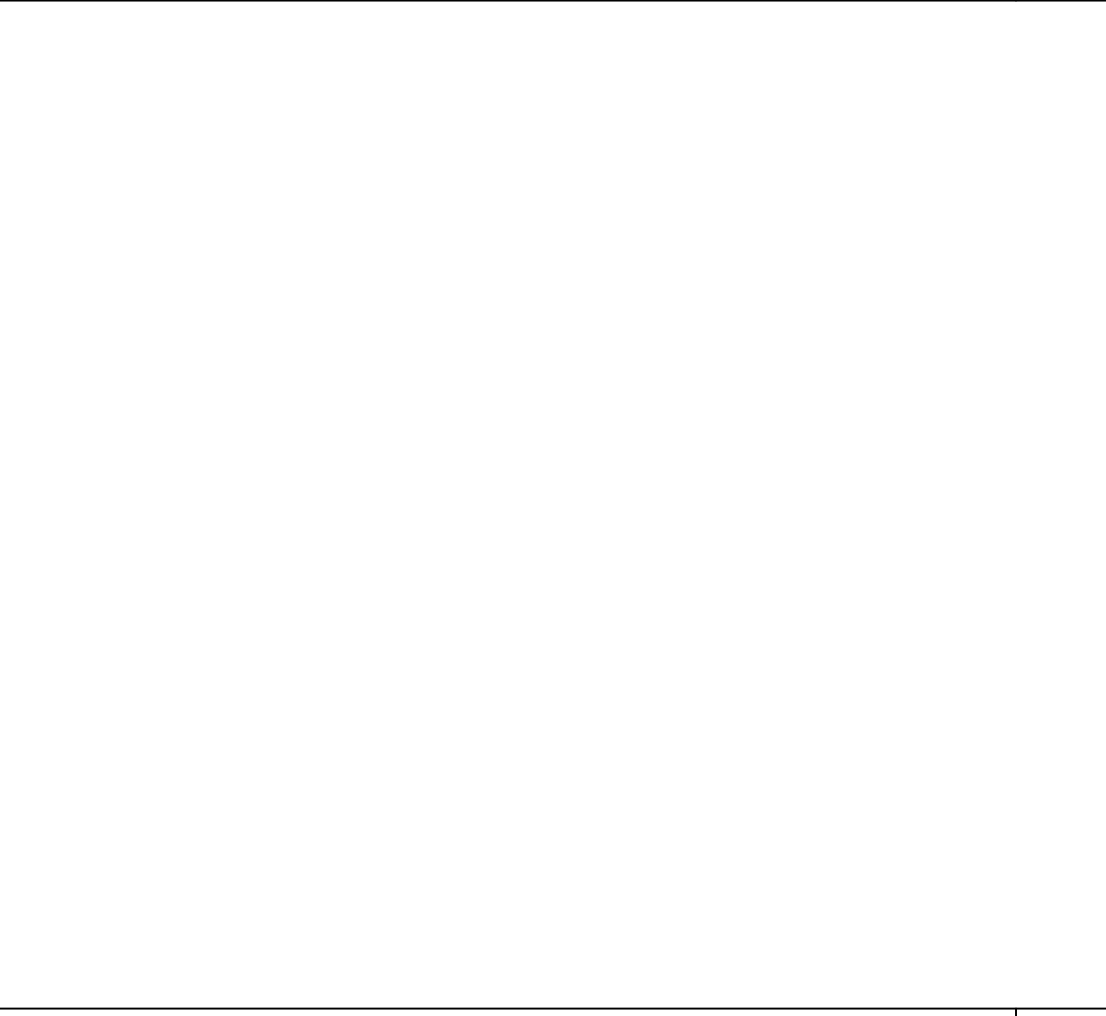
CEILING JOIST SCHED	
JOIST SIZE	MAX SPAN
2x4 @ 16" OC	9'-0"
2x6 @ 16" OC	14'-0"
2x8 @ 16" OC	18'-0"

NOTE:
 THIS DETAIL IS INTENDED FOR CEILING JST THAT SPAN FROM WALL TO WALL @ CONTRACTORS OPTION

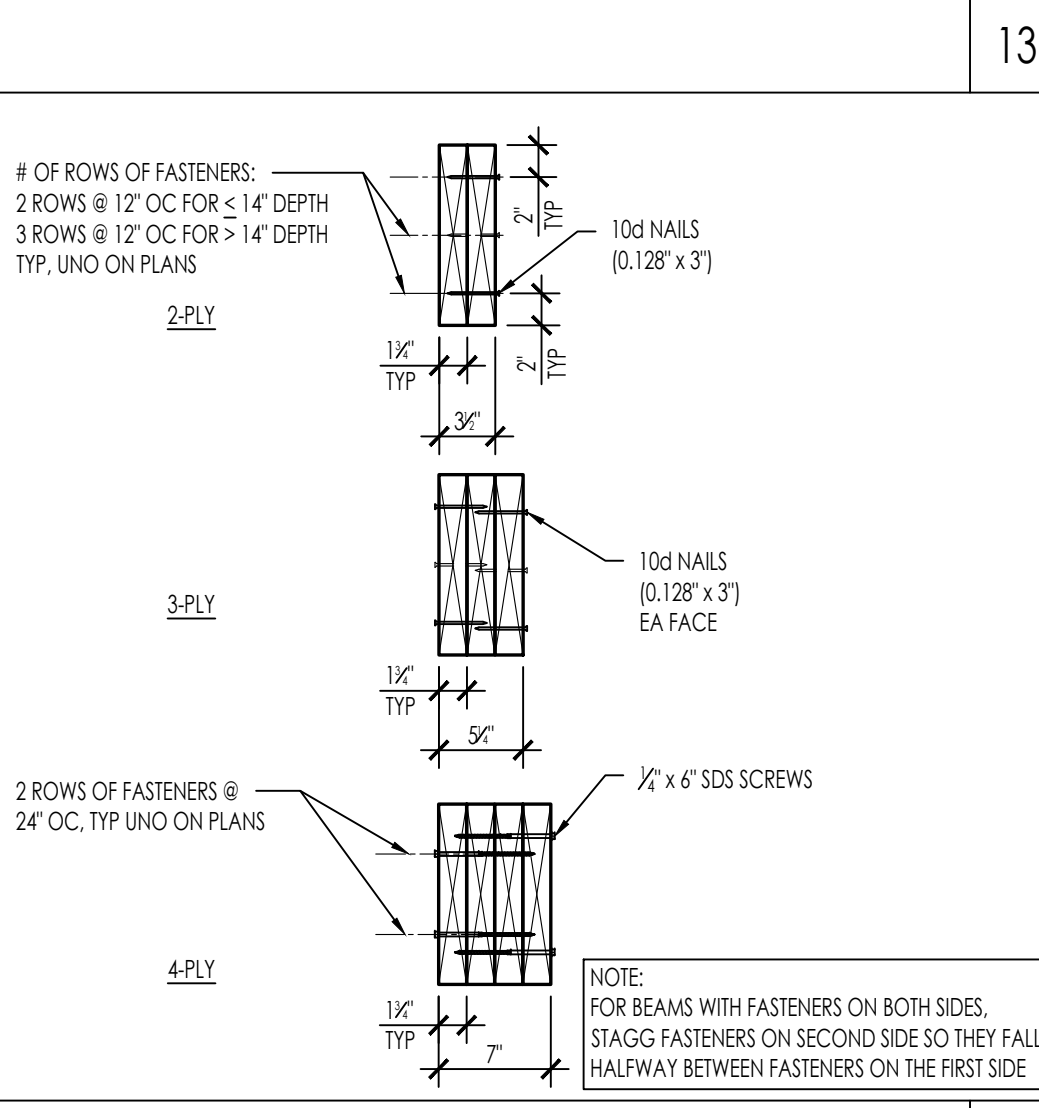
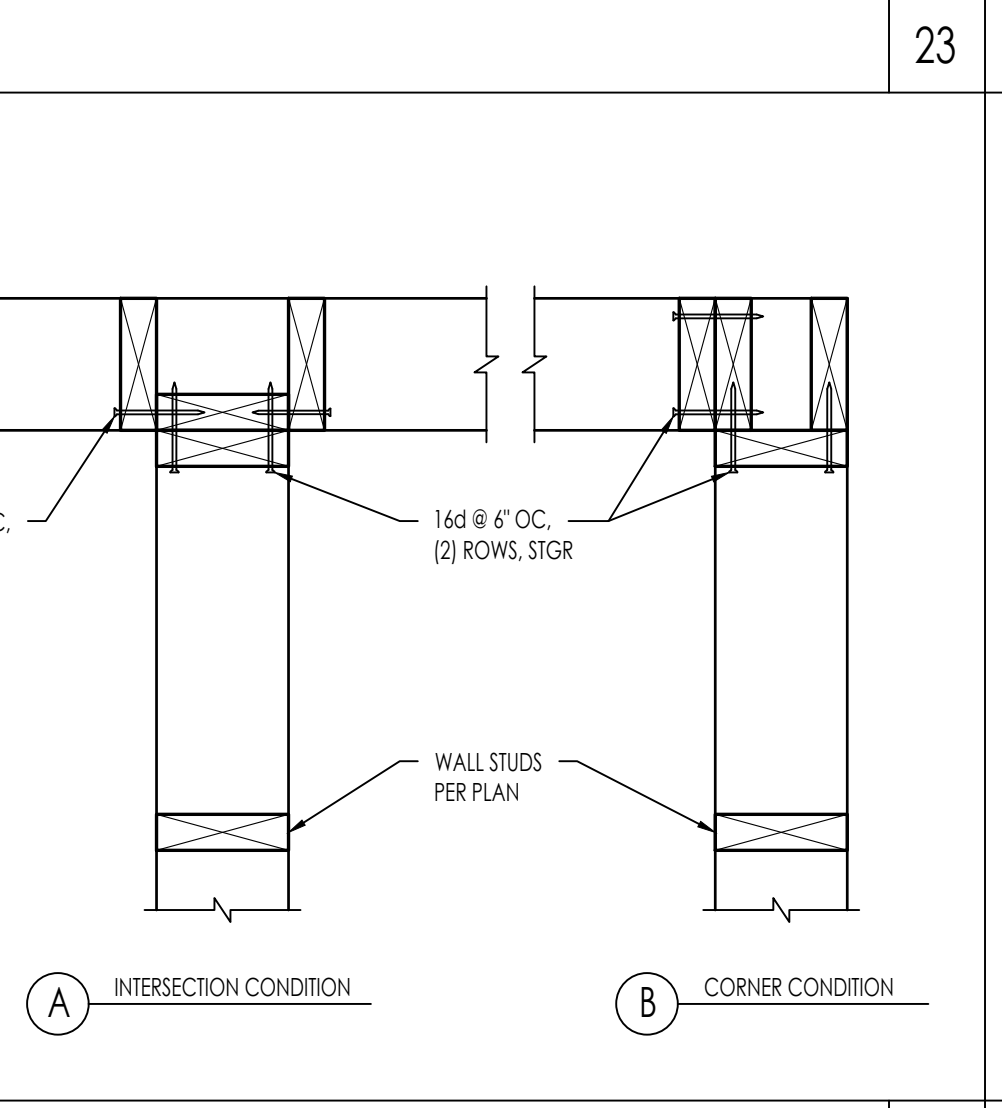
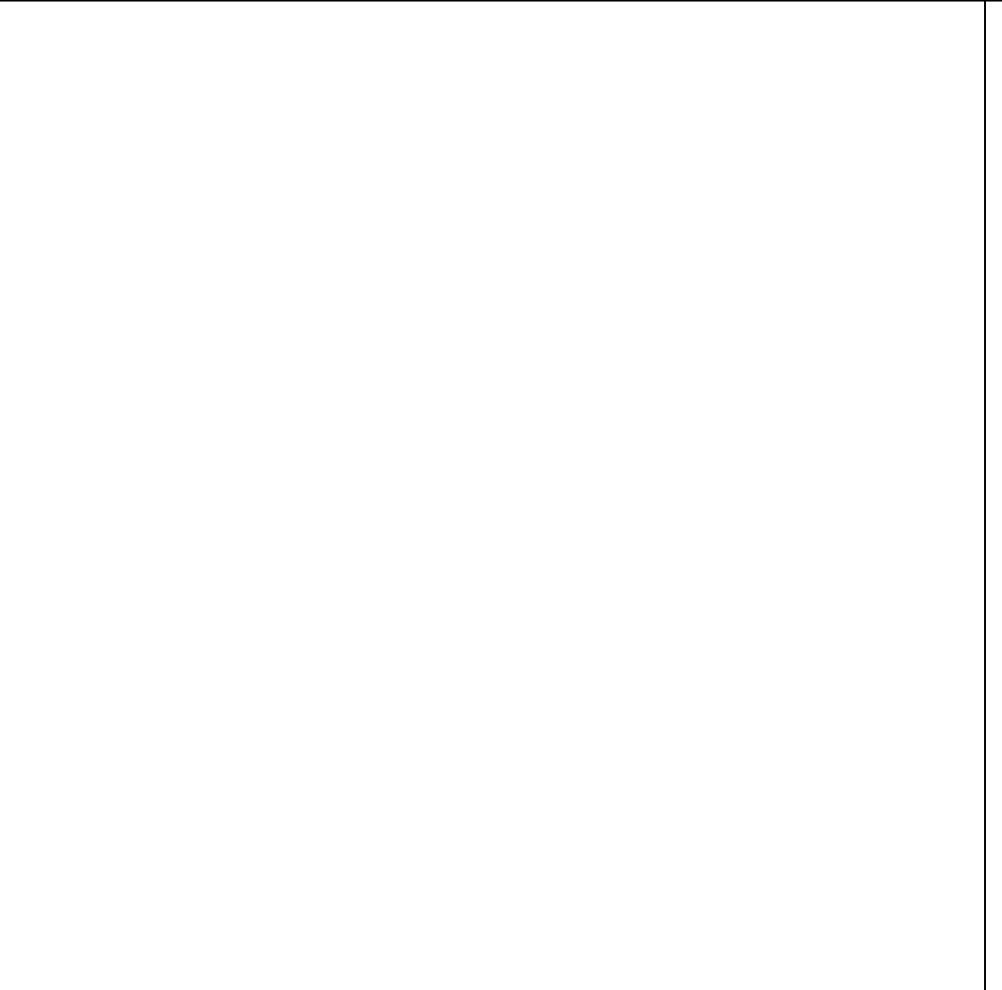
INTERIOR NON-BEARING PARTITION WALL FRAMING



CEILING JOIST SCHED & DETAILS



NAILING SCHEDULE



COUNTY OF SAN LUIS OBISPO
 ACCESSORY DWELLING UNIT
 SAN LUIS OBISPO, CA
 TYPICAL WOOD DETAILS

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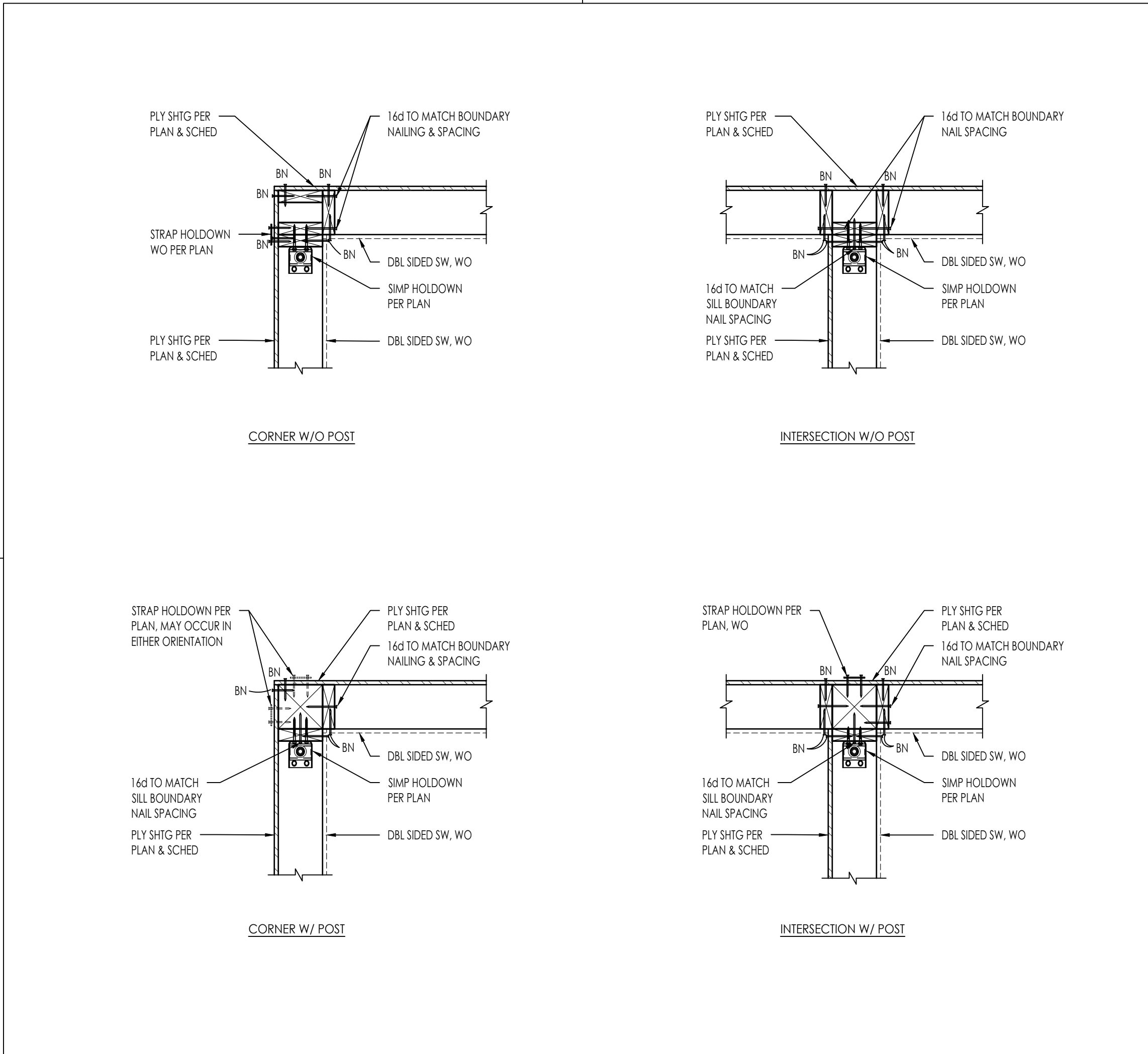
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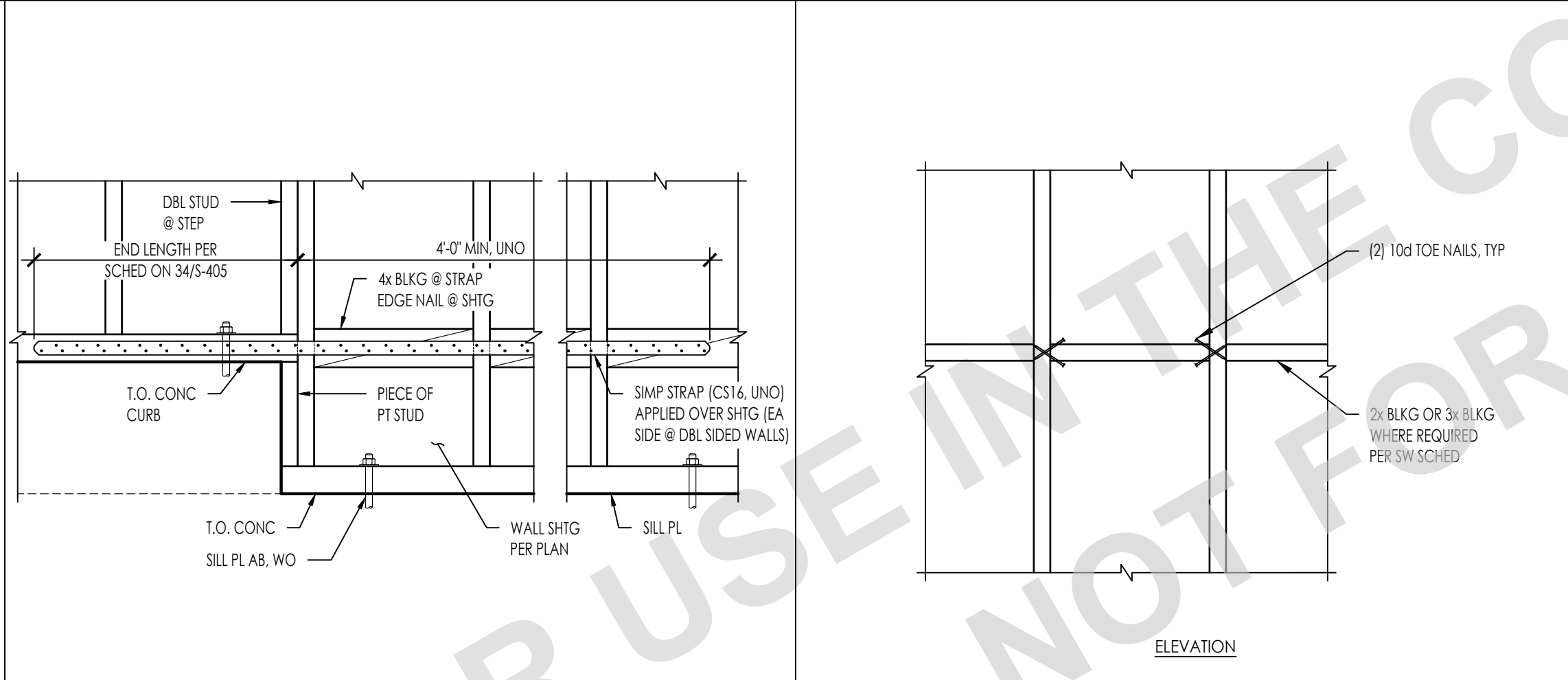
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COUNTY OF SAN LUIS OBISPO
ACCESSORY DWELLING UNIT
SAN LUIS OBISPO, CA
TYPICAL WOOD DETAILS

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09/28/2023
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SHEAR WALL INTERSECTION NTS 42

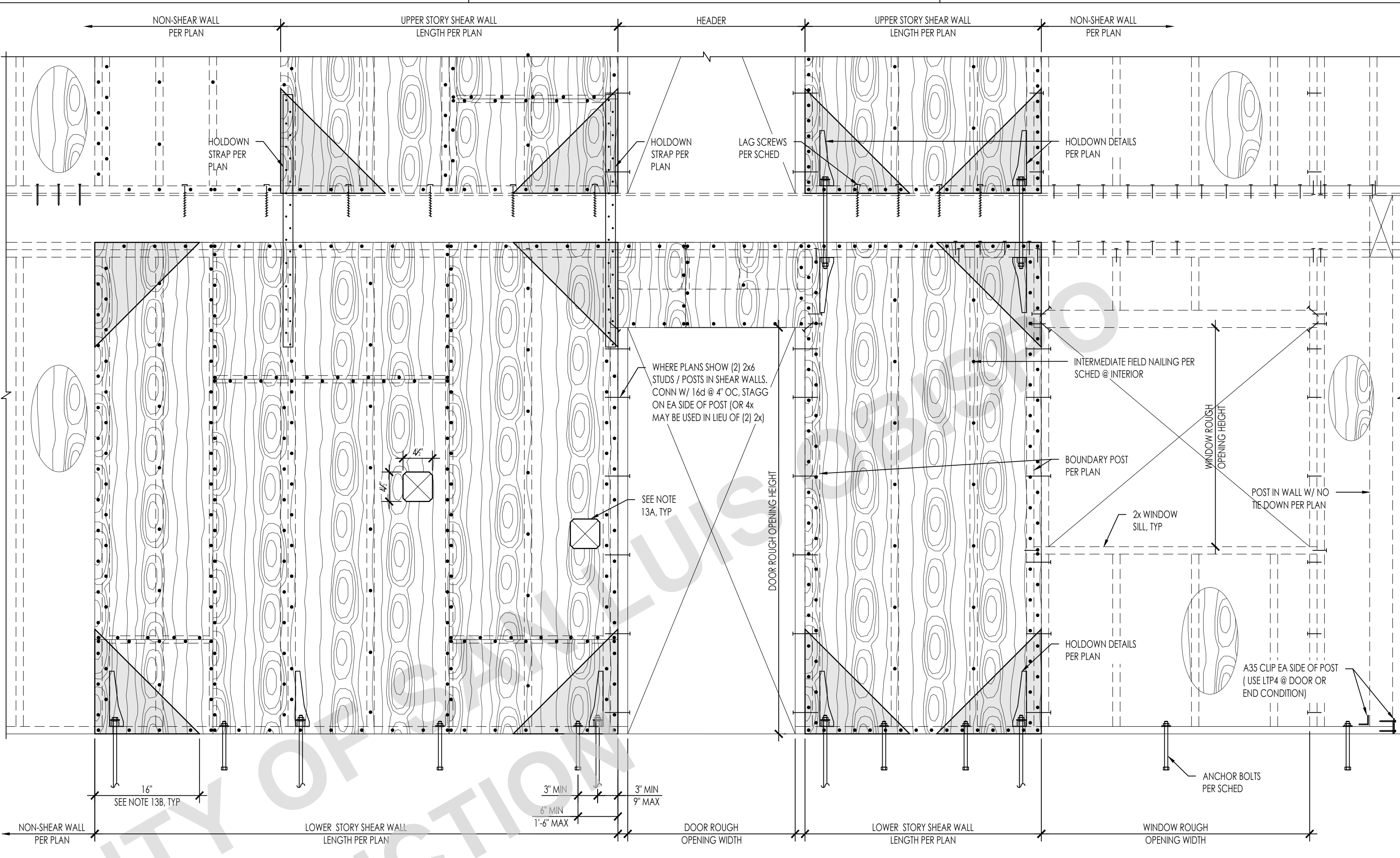


STRAP AT STEP IN SHEAR WALL SILL PLATE NTS 53 TYPICAL BLOCKING DETAIL NTS 43

MARK	# OF BLKG	SIMPSON STRAP	NAILS EA SIDE OF OPENING	STRAP LENGTH (IN)	ALLOWABLE TENSION LOADS (LBS)
▽1	1	CS20	(12) 10d x 2 1/2"	32	1,030
▽2	1	CS16	(20) 10d x 2 1/2"	32	1,705
▽3	1	CS14	(26) 10d x 2 1/2"	32	2,490
▽4	2	CMSTC16	(50) 10d x 3 1/2"	39	4,690
▽5	2	CMST14	(66) 10d x 2 1/2"	39	6,475
▽6	2	CMST12	(86) 10d x 2 1/2"	39	9,215

NOTES:
1. 2 BAYS OR 32" MIN STRAP LENGTH
2. BOUNDARY AND EDGE NAILING FROM PLYWOOD TO STUDS / FRAMING SHALL OCCUR ABOVE AND BELOW OPENINGS AT THIS CONDITION
3. SEE TYPICAL SHEAR WALL ELEVATION FOR BALANCE OF INFO NOT SHOWN

FORCE TRANSFER AROUND OPENINGS NTS 44



TYPICAL SHEAR WALL ELEVATION AND SCHEDULE NTS 13

WALL SYMBOL	STRUCT SHEATHING	1,12 FRAMING SIDE	6 NAILING				7 SILL NAILING				10,11 ANCHOR BOLTING	CAPACITY PER 2015 AWC SDPWS
			(2) 2x STUD	EDGE	INTERMEDIATE SUPPORTS	16d @ 6' OC	NAILS / LAG SCREWS	SDS SCREWS OPTION	A35s			
△	15/32' STRUCT 1 PLYWOOD	2x	10d @ 9' OC	8d @ 6' OC	8d @ 12' OC	16d @ 6' OC	12" OC	24" OC	5/8" DIA @ 48" OC	280 PLF		
△	15/32' STRUCT 1 PLYWOOD	2x	10d @ 8' OC	10d @ 6' OC	10d @ 12' OC	5/8" LAG SCREWS @ 16' OC	12" OC	16" OC	5/8" DIA @ 48" OC	340 PLF		
△	15/32' STRUCT 1 PLYWOOD	2x	10d @ 5' OC	10d @ 4' OC	10d @ 12' OC	5/8" LAG SCREWS @ 16' OC	8" OC	12" OC	5/8" DIA @ 32" OC	510 PLF		
△	15/32' STRUCT 1 PLYWOOD	2x	10d @ 4' OC	10d @ 3' OC	10d @ 12' OC	5/8" LAG SCREWS @ 16' OC	6" OC	8" OC	5/8" DIA @ 32" OC	665 PLF		
△	15/32' STRUCT 1 PLYWOOD	2x	10d @ 3' OC	10d @ 2' OC	10d @ 12' OC	5/8" LAG SCREWS @ 8' OC	4" OC	8" OC	5/8" DIA @ 24" OC	860 PLF		
△	15/32' STRUCT 1 PLYWOOD (EACH FACE OF WALL)	3x	(2) 10d @ 5' OC	10d @ 4' OC	10d @ 12' OC	5/8" LAG SCREWS @ 8' OC	(2) @ 8' OC *	6" OC	5/8" DIA @ 16" OC	1020 PLF		
△	15/32' STRUCT 1 PLYWOOD (EACH FACE OF WALL)	3x	(2) 10d @ 4' OC	10d @ 3' OC	10d @ 8' OC	5/8" LAG SCREWS @ 8' OC	(2) @ 6' OC *	A34 @ 4' OC	5/8" DIA @ 16" OC	1330 PLF		
△	15/32' STRUCT 1 PLYWOOD (EACH FACE OF WALL)	3x	(2) 10d @ 3' OC	10d @ 2' OC	10d @ 6' OC	5/8" LAG SCREWS @ 6' OC	(2) @ 4' OC *	LTP4 @ 4' OC	5/8" DIA @ 8" OC	1740 PLF		

- NOTES:
- ALL PLYWOOD SHALL BE 5 PLY MINIMUM WITH A SPAN RATING OF 32/16 AND ALL PANEL EDGES SHALL BE BLOCKED. PROVIDE 1/8" GAP AT ALL PANEL JOINTS.
 - ALL NAILS SHALL BE COMMON NAILS.
 - PROVIDE E.N. AT ALL END STUDS, STUDS/POSTS WITH HOLDOWNS OR TIE DOWN STRAPS, SILL PLATES AND TOP PLATES.
 - WHERE 10d NAILS ARE 3 INCHES ON CENTER OR LESS, NAILS SHALL BE STAGGERED.
 - NAILS SHALL BE 1/2 INCH MINIMUM FROM PLYWOOD PANEL EDGE AND 3/8 INCH MINIMUM FROM CONNECTING MEMBER EDGE WHERE SHEAR EXCEEDS 300 PLF.
 - USE 3x FRAMING AT BOTTOM SILL PLATES, BLOCKING AND ALL STUDS AT ADJACENT PANEL EDGES WHERE SHEAR EXCEEDS 300 PLF. STRUCTURALLY ACCEPTABLE TO USE (2) 2x INSTEAD OF 3x FRAMING AT BOTTOM SILL PLATES.
 - WHERE SILL SHEAR TRANSFER IS THROUGH LAG SCREWS, SILL PLATE SHALL BE A MINIMUM OF 2 1/2" THICK.
 - LAG SCREWS SHALL BE 6 INCHES LONG AND HOLES ARE TO BE PRE-DRILLED AS TO NOT SPLIT BLOCKING/RIM.
 - SEE ELEVATION ABOVE FOR TYPICAL CONSTRUCTION.
 - REFER TO PLATE WASHER DETAIL FOR REQUIREMENTS.
 - LENGTHY ANCHOR BOLTS AS REQUIRED FOR EMBEDMENT AND SILL PLATE THICKNESS.
 - ORIENTED STRAND BOARD (OSB) MAY BE SUBSTITUTED FOR PLYWOOD NOTED ABOVE PROVIDED IT IS RATED BY APA'S PERFORMANCE STANDARD RATING AND IS OF THE SAME NUMBER OF LAYERS AS PLYWOOD PLY INDICATED.
 - LIMITATIONS OF MECHANICAL PENETRATIONS IN SHEAR WALLS:
A. 4 1/2" MAX PENETRATION
B. NO CUTS OR HOLES IN SHEATHING WITHIN 16" OF CORNERS. SQUARE PENETRATIONS SHALL RADIUS EDGES. DO NOT OVER CUT HOLE WITH SAW.
C. 2" MIN PENETRATION INTO RIM BOARD.
 - ASSUMES A 1 1/4" MIN LSI RIM BOARD. FASTENER EDGE DIST IS 5/8" MIN & 6" END DISTANCE MIN.
 - * WALL W/ DOUBLE SIDED PLYWOOD REQUIRE (2) RIM BOARDS.
 - SIMPSON LTP4 CLIP SHALL BE INSTALLED IN A HORIZONTAL ORIENTATION. IF CLIP IS INSTALLED OVER THE SHEATHING, 0.131" x 2 1/2" NAILS SHALL BE USED.

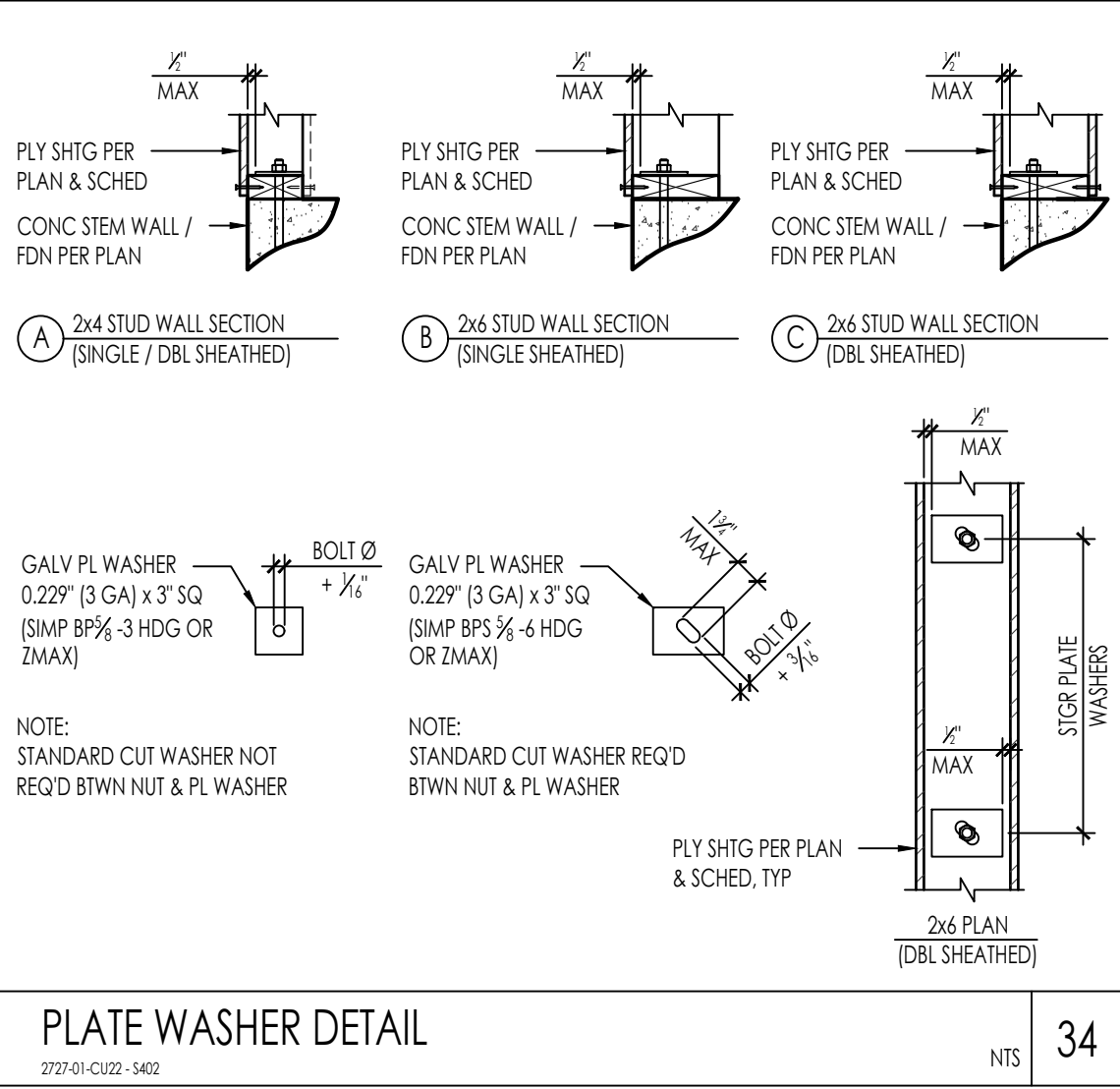
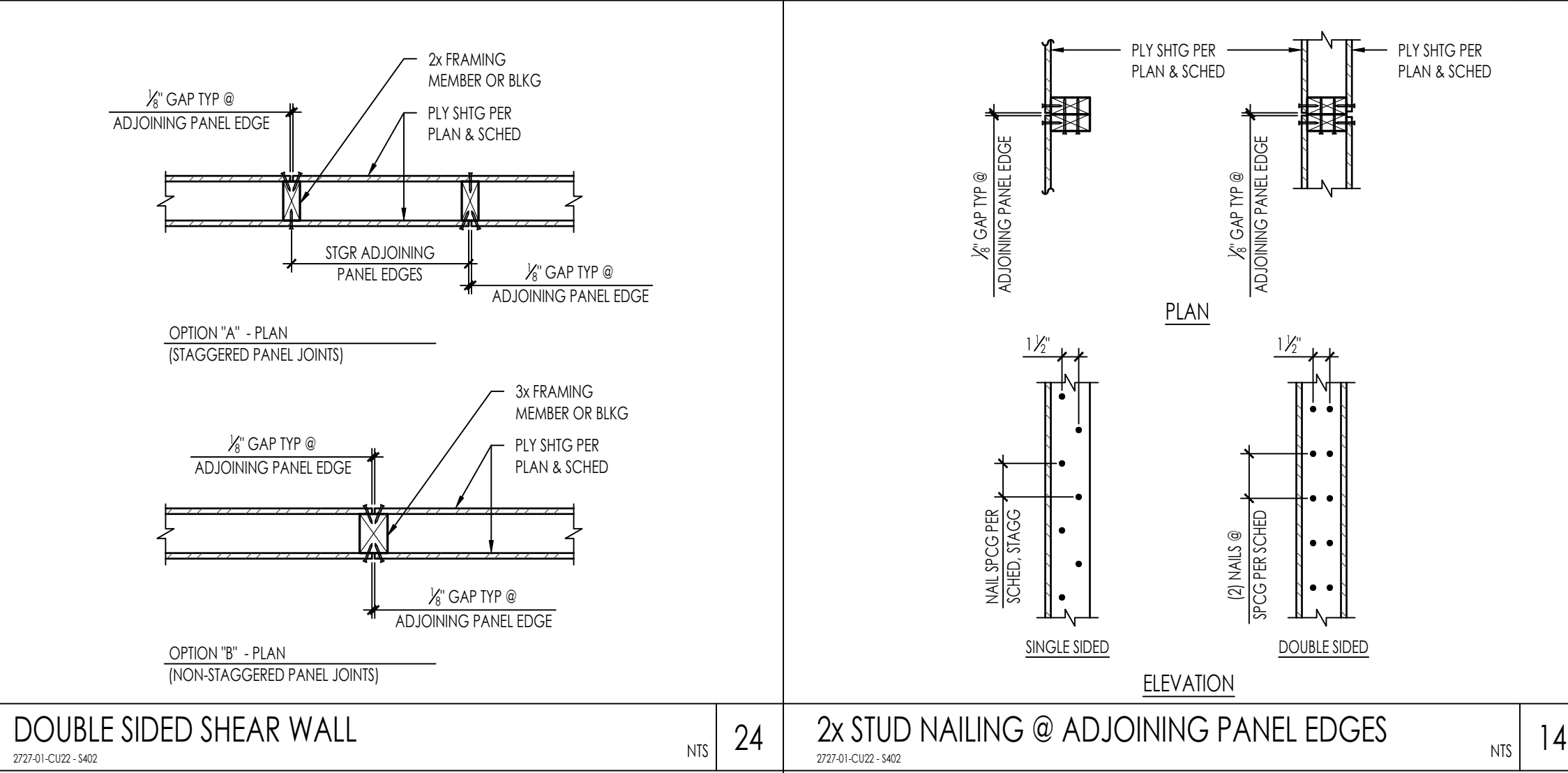


PLATE WASHER DETAIL NTS 34

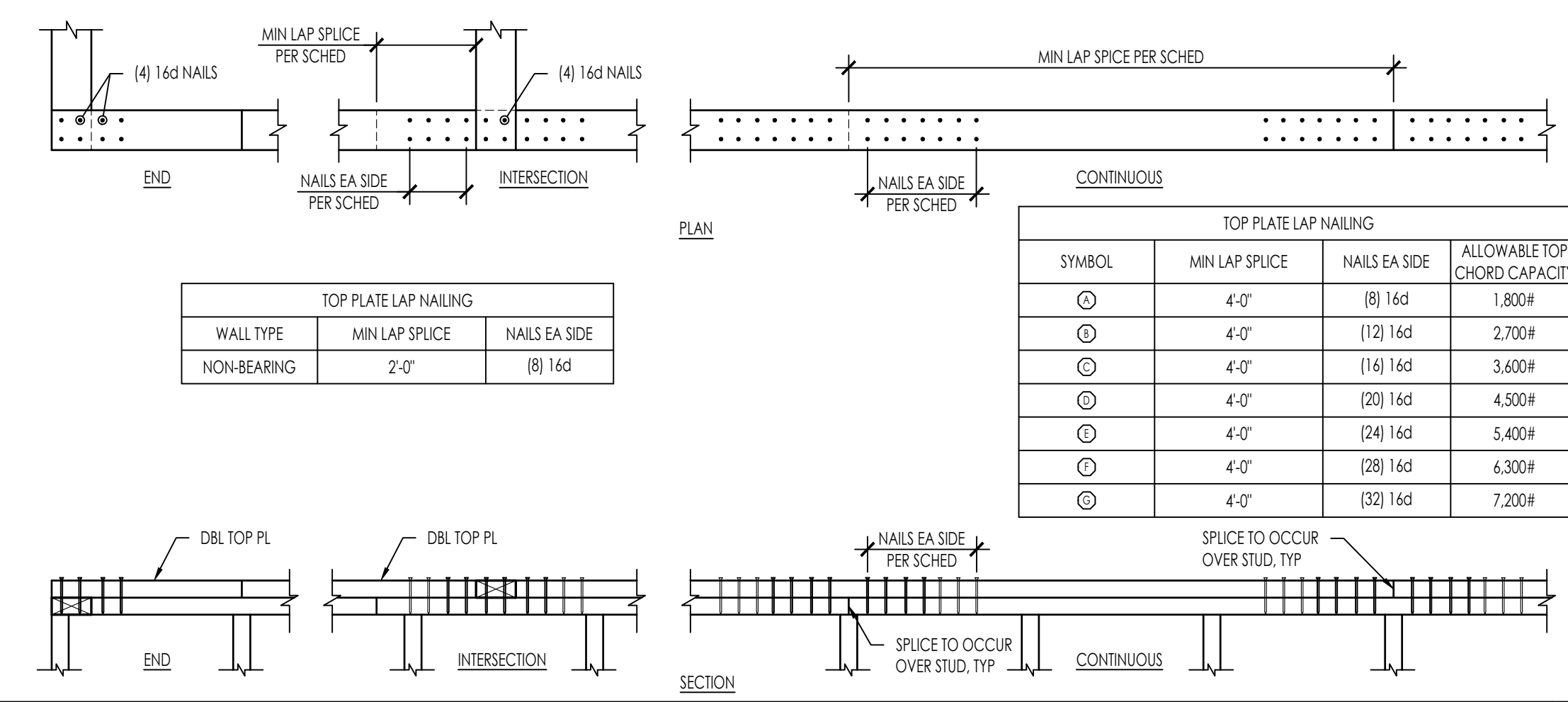


DOUBLE SIDED SHEAR WALL NTS 24 2x STUD NAILING @ ADJOINING PANEL EDGES NTS 14

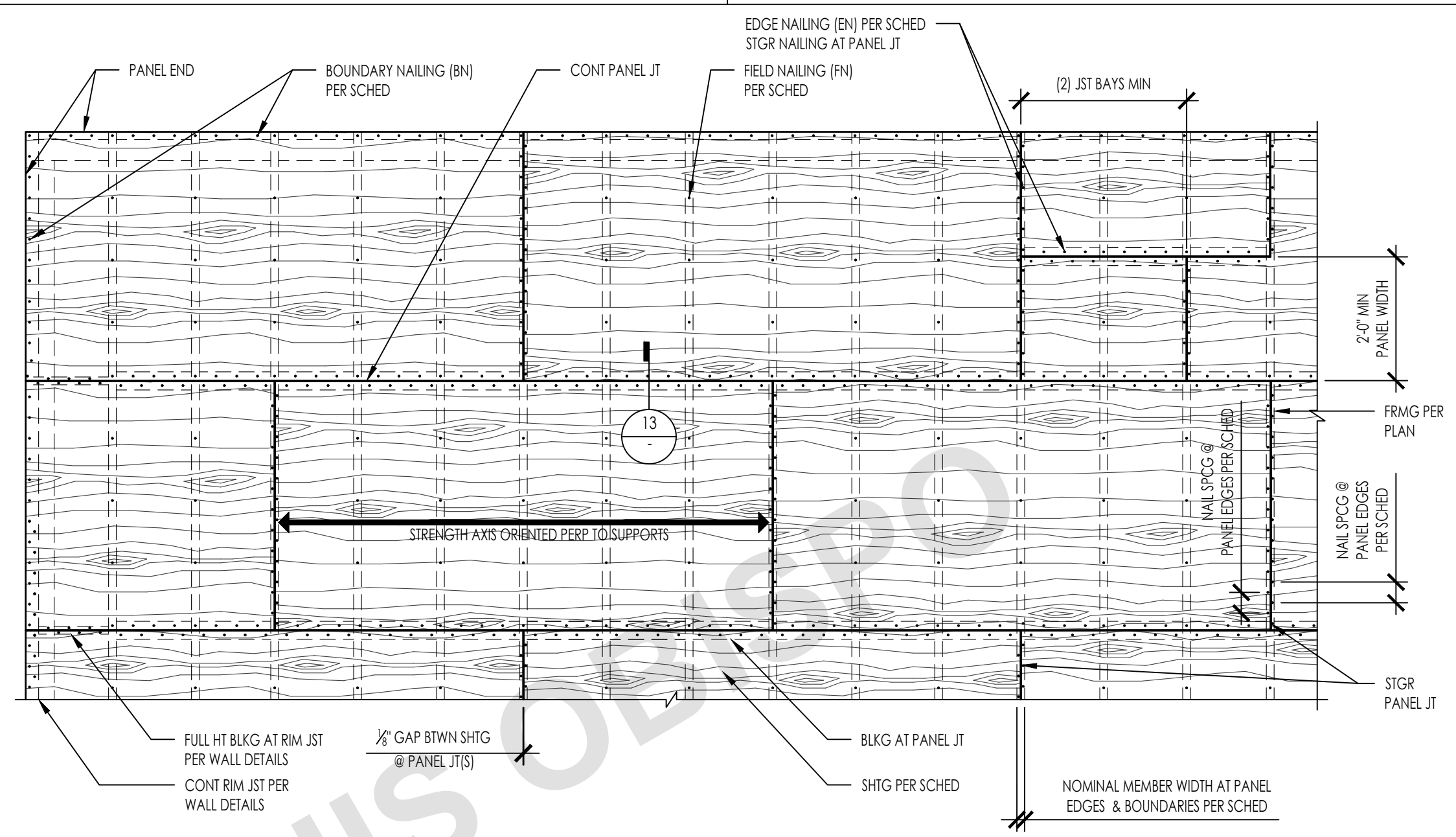
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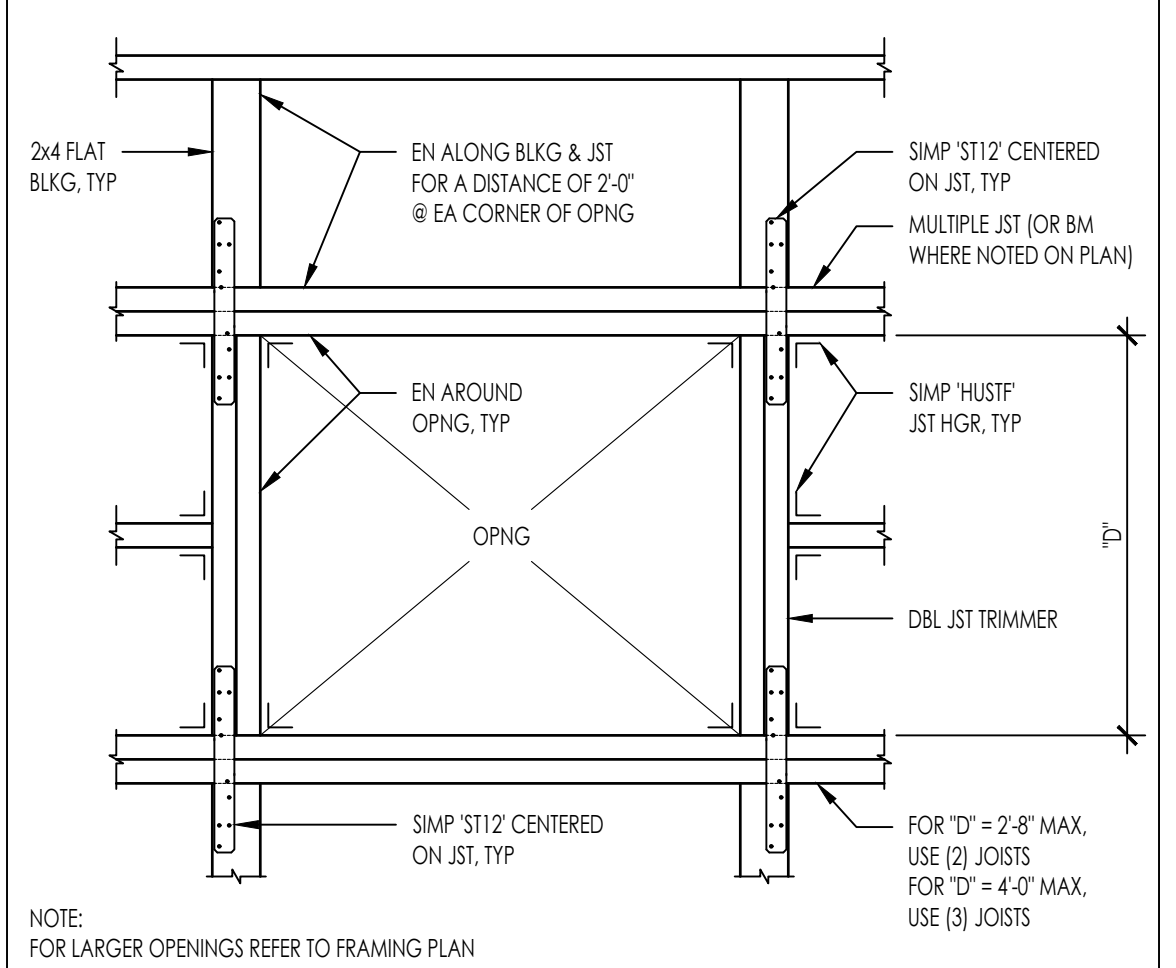
51 DBL TOP PLATE SPLICE NAILING 2227-01-C102-1463 NTS 32



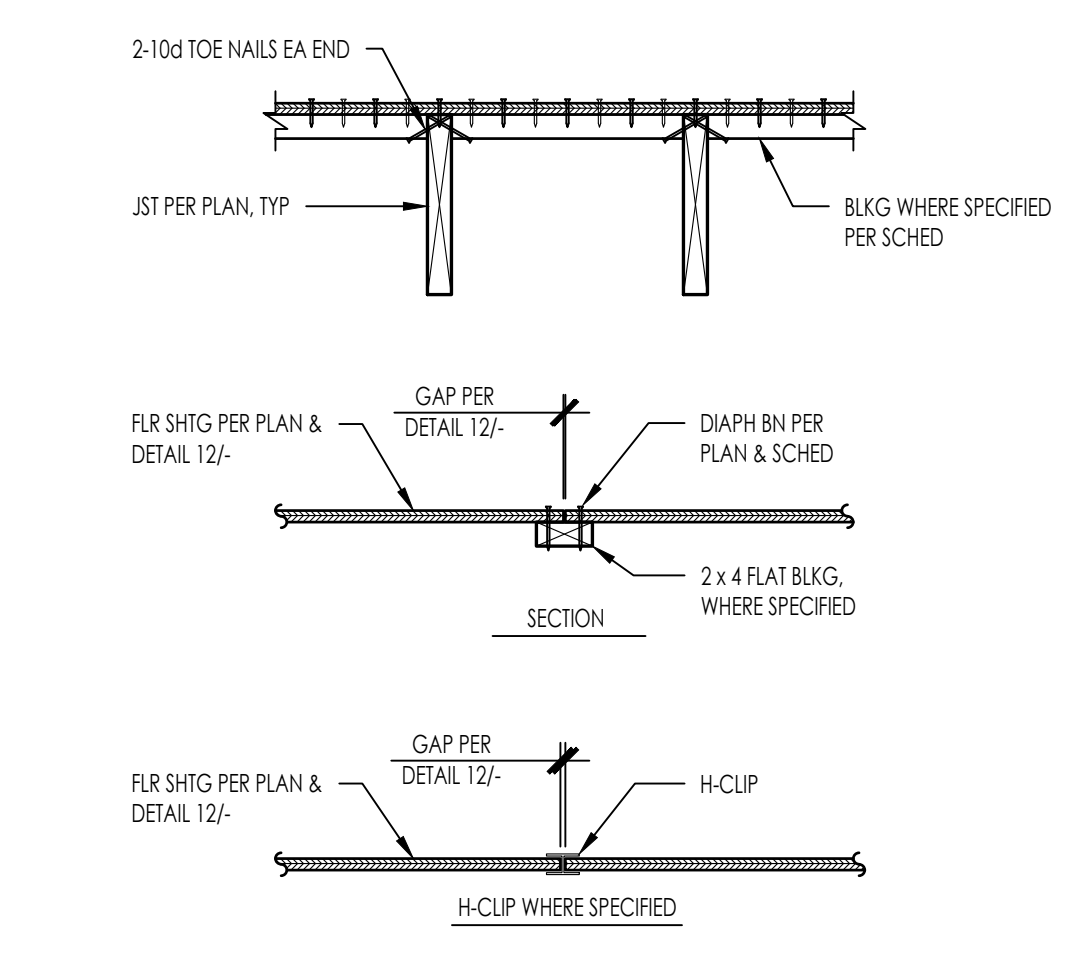
TYPE	LOCATION	SHEATHING THICKNESS	SHEATHING GRADE	SPAN RATING	BLOCKING	NAILS	BOUNDARY NAILING (BN)	EDGE NAILING AT CONT. PANEL EDGES (EN)	EDGE NAILING AT OTHER PANEL EDGES (EN)	FIELD NAILING (FN)	PANEL EDGE SUPPORT OR NOMINAL MEMBER WIDTH AT PANEL EDGES	LINES OF FASTENERS
A	ROOF	SEE NOTE 5	SHEATHING	32 / 16	NO	10d	6	-	6	12	H-CLIPS	1
B	FLOOR	3/4"	STURD-FLOOR	48 / 24	NO	10d	6	-	6	12	T&G	1
C	FLOOR	3/4"	STURD-FLOOR	48 / 24	YES	10d	2 1/2	2 1/2	4	12	2x4 FLAT	1

- NOTES:
- DIAPHRAGM SHALL BE GLUED TO FLOOR FRAMING PRIOR TO NAILING. REFER TO PROJECT GENERAL NOTES.
 - MINIMUM EDGE DISTANCE FOR NAILS SHALL BE 1/2" FROM SHEATHING EDGE AND 3/8" FROM LUMBER EDGE.
 - NAILS SHALL BE DRIVEN TIGHT TO TOP OF PLYWOOD SURFACE AND SHALL NOT PENETRATE THE TOP OF PLYWOOD MORE THAN COMMONLY EXPECTED WITH HAMMER DRIVEN NAILS.
 - WHERE H-CLIPS ARE SPECIFIED, THEY SHOULD BE INSTALLED AS FOLLOWS:
 - ONE H-CLIP SHALL BE PLACED BETWEEN ABUTTING PANELS AT A LOCATION MIDWAY BETWEEN EACH PAIR OF TRUSSES, RAFTERS OR JOISTS. HOWEVER, (2) H-CLIPS ARE REQUIRED BETWEEN SUPPORTS WHEN SPACED 48 INCHES ON CENTER.
 - USE THE SAME SIZE PANEL EDGE CLIP AS THE PANEL THICKNESS. H-CLIPS MUST FIT SNUGLY.
 - ABUTTING WOOD STRUCTURAL PANELS BE FITTED AS CLOSELY AS CLIPS PERMIT. OCCASIONAL MISFIT OF ABUTTING SHEETS MAY BE TOLERATED PROVIDING THAT GAPS DO NOT EXCEED MAXIMUM OPENING OF 1/8".
 - ROOF SHEATHING THICKNESS SHALL BE INSTALLED AS FOLLOWS:
 - 3/4" @ SINGLE PLY OR ASPHALT SHINGLES
 - 1/2" @ TILE
 - 3/4" @ TILE WITH MORTAR
 - STRUCTURALLY ACCEPTABLE TO USE "SHEATHING" SHEATHING GRADE @ FLOOR LOCATIONS WITHOUT GYPCRETE TOPPING

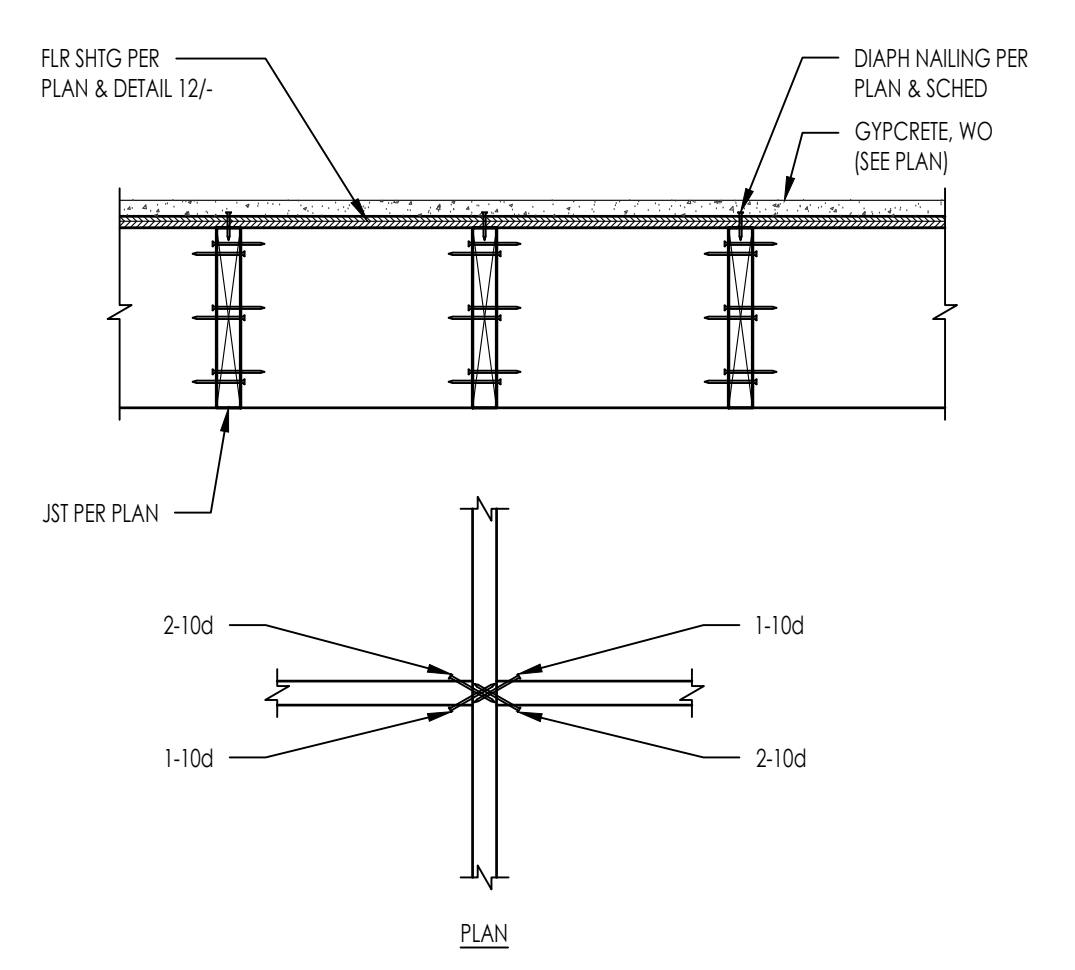
52 42 32 PLYWOOD DIAPHRAGM SHEATHING 2227-01-C102-1463 NTS 12



53 43 33 OPENING AT FRAMING 2227-01-C102-1463 NTS 23



54 44 34 TYP JOIST BLOCKING 2227-01-C102-1463 NTS 14

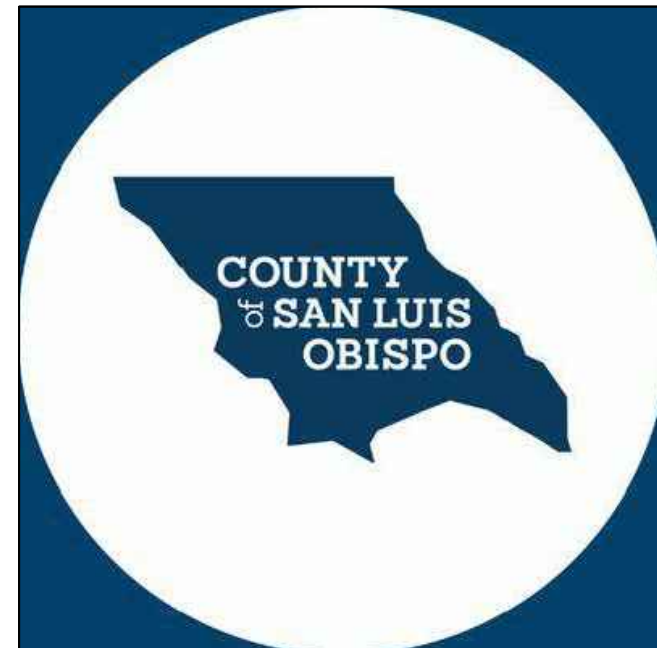


COUNTY OF SAN LUIS OBISPO
ACCESSORY DWELLING UNIT
SAN LUIS OBISPO, CA
TYPICAL WOOD DETAILS

DATE
09/28/2023
SHEET

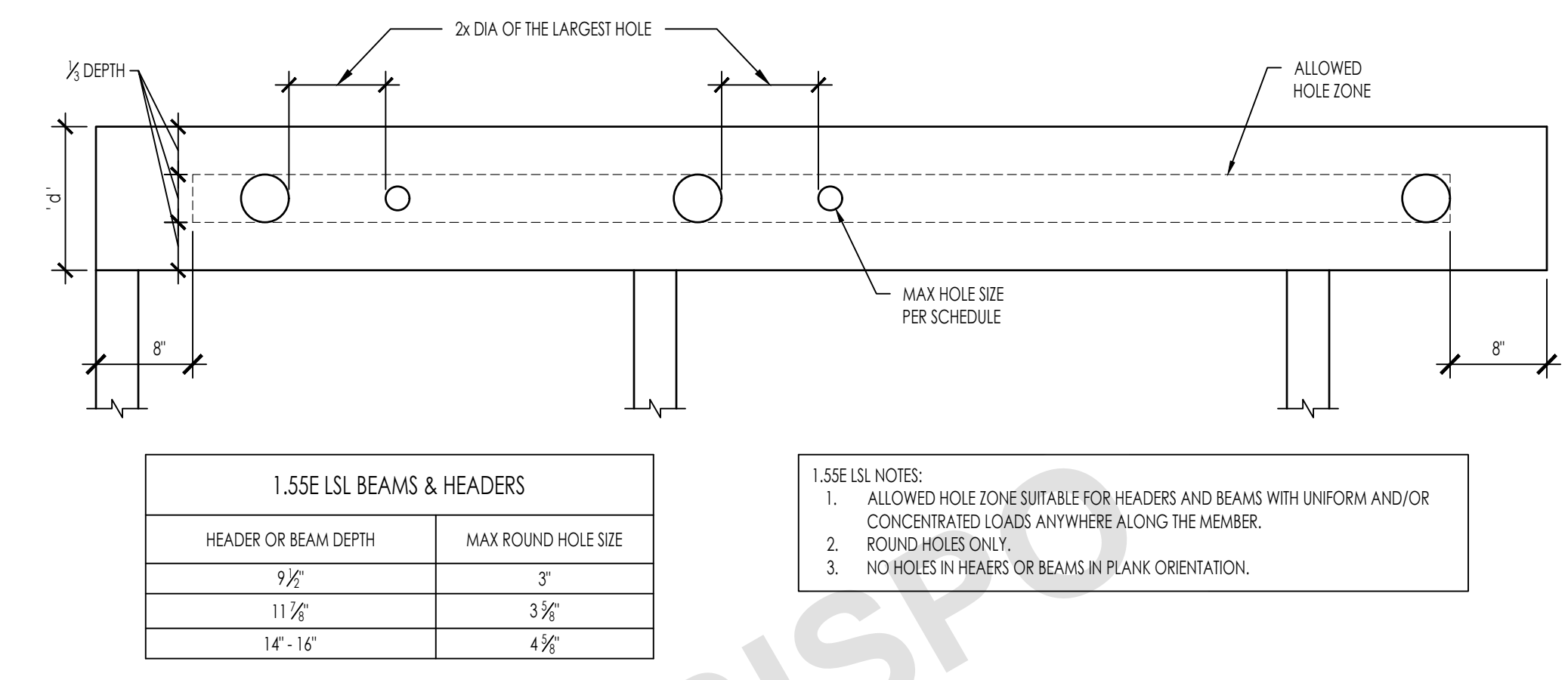
S-403

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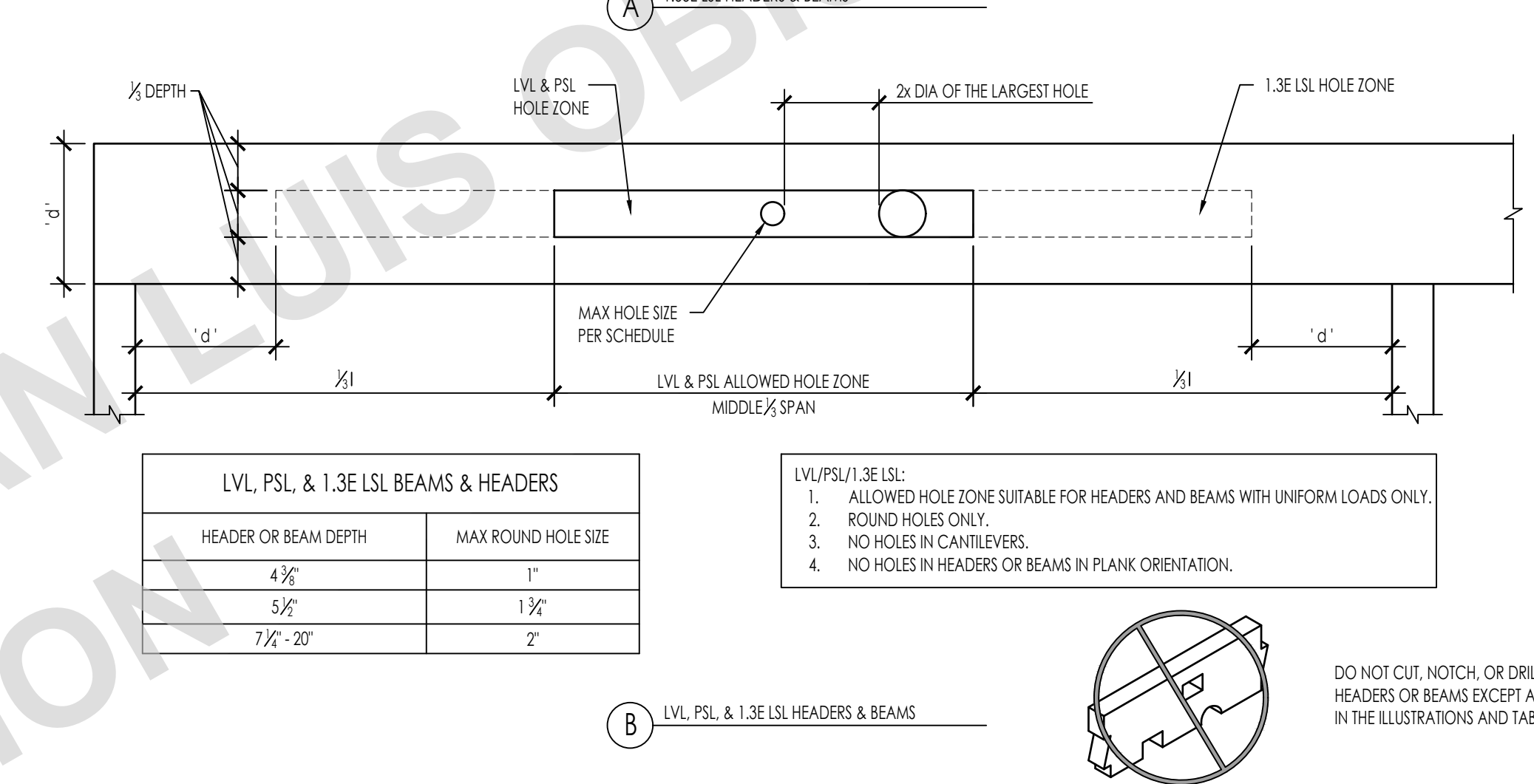
51	41	31	



HEADER OR BEAM DEPTH	MAX ROUND HOLE SIZE
9 1/2"	3"
11 7/8"	3 3/8"
14 - 16"	4 3/8"

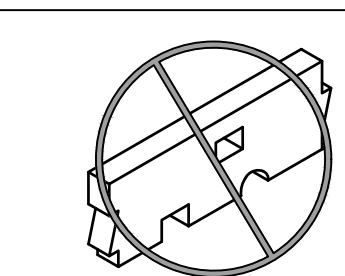
- 1.55E LSL NOTES:
- ALLOWED HOLE ZONE SUITABLE FOR HEADERS AND BEAMS WITH UNIFORM AND/OR CONCENTRATED LOADS ANYWHERE ALONG THE MEMBER.
 - ROUND HOLES ONLY.
 - NO HOLES IN HEADERS OR BEAMS IN PLANK ORIENTATION.

52	42	32	

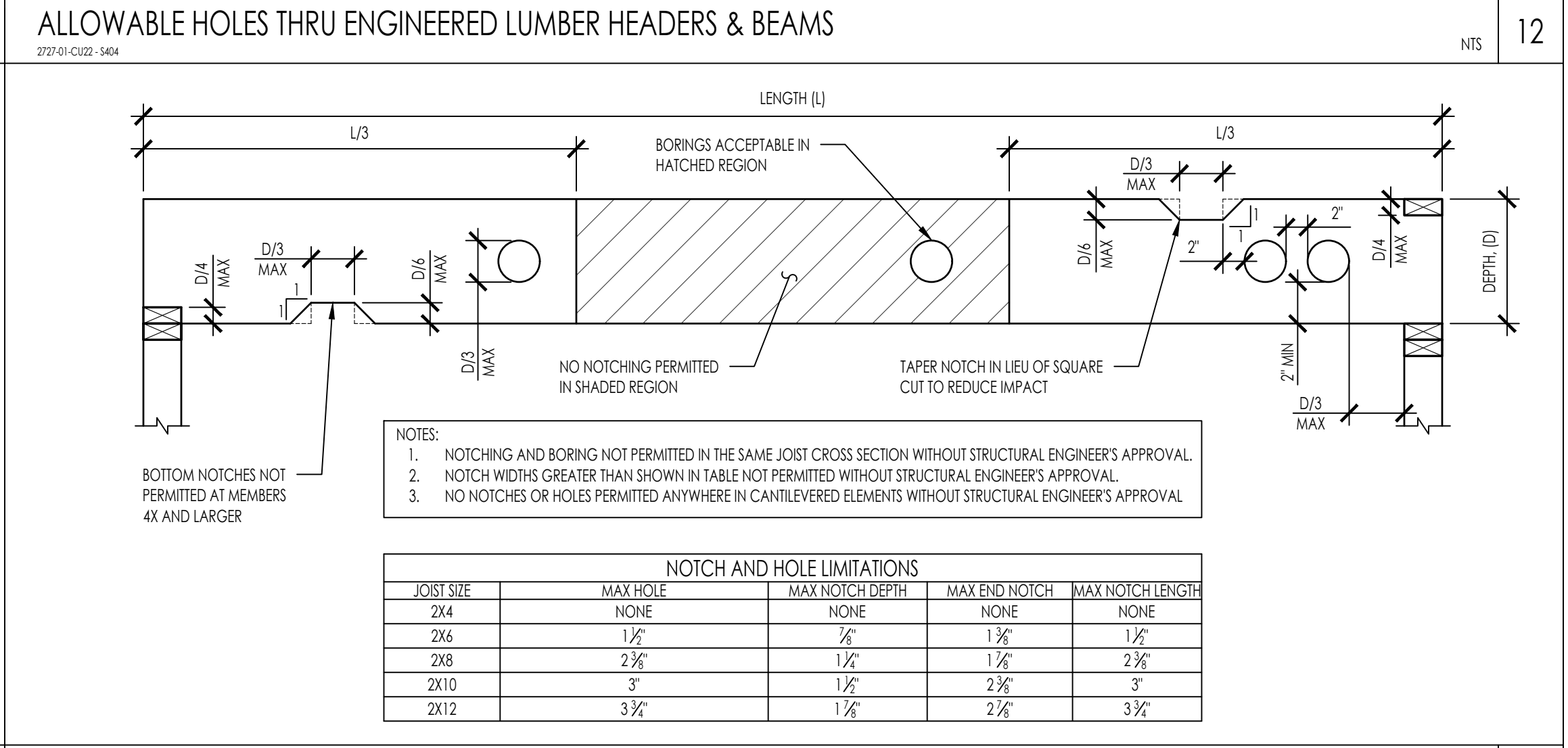


HEADER OR BEAM DEPTH	MAX ROUND HOLE SIZE
4 3/8"	1"
5 1/2"	1 3/4"
7 1/4" - 20"	2"

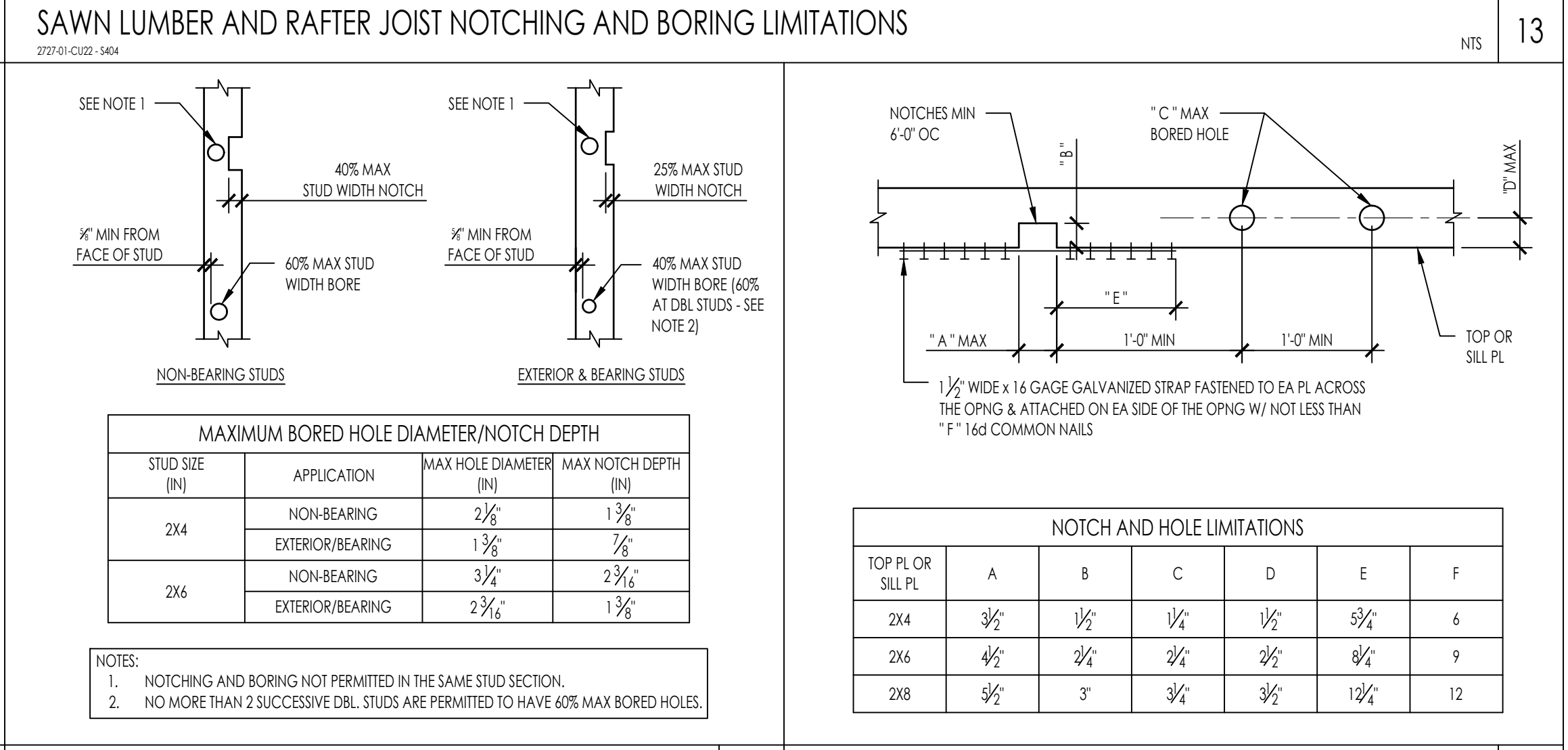
- LVL/PSL/1.3E LSL:
- ALLOWED HOLE ZONE SUITABLE FOR HEADERS AND BEAMS WITH UNIFORM LOADS ONLY.
 - ROUND HOLES ONLY.
 - NO HOLES IN CANTILEVERS.
 - NO HOLES IN HEADERS OR BEAMS IN PLANK ORIENTATION.



53	43	33	



54	44	34	



COUNTY OF SAN LUIS OBISPO
ACCESSORY DWELLING UNIT
SAN LUIS OBISPO, CA
TYPICAL WOOD DETAILS

DATE
09/28/2023
SHEET

S-404

N:\2000\2727-01-cu29-acc-county\adu\Structural\Sheet\2727-01-C102-5404.dwg, PLAN 1 - 5404.dwg, Sep 28, 2023 4:19pm, adpeter



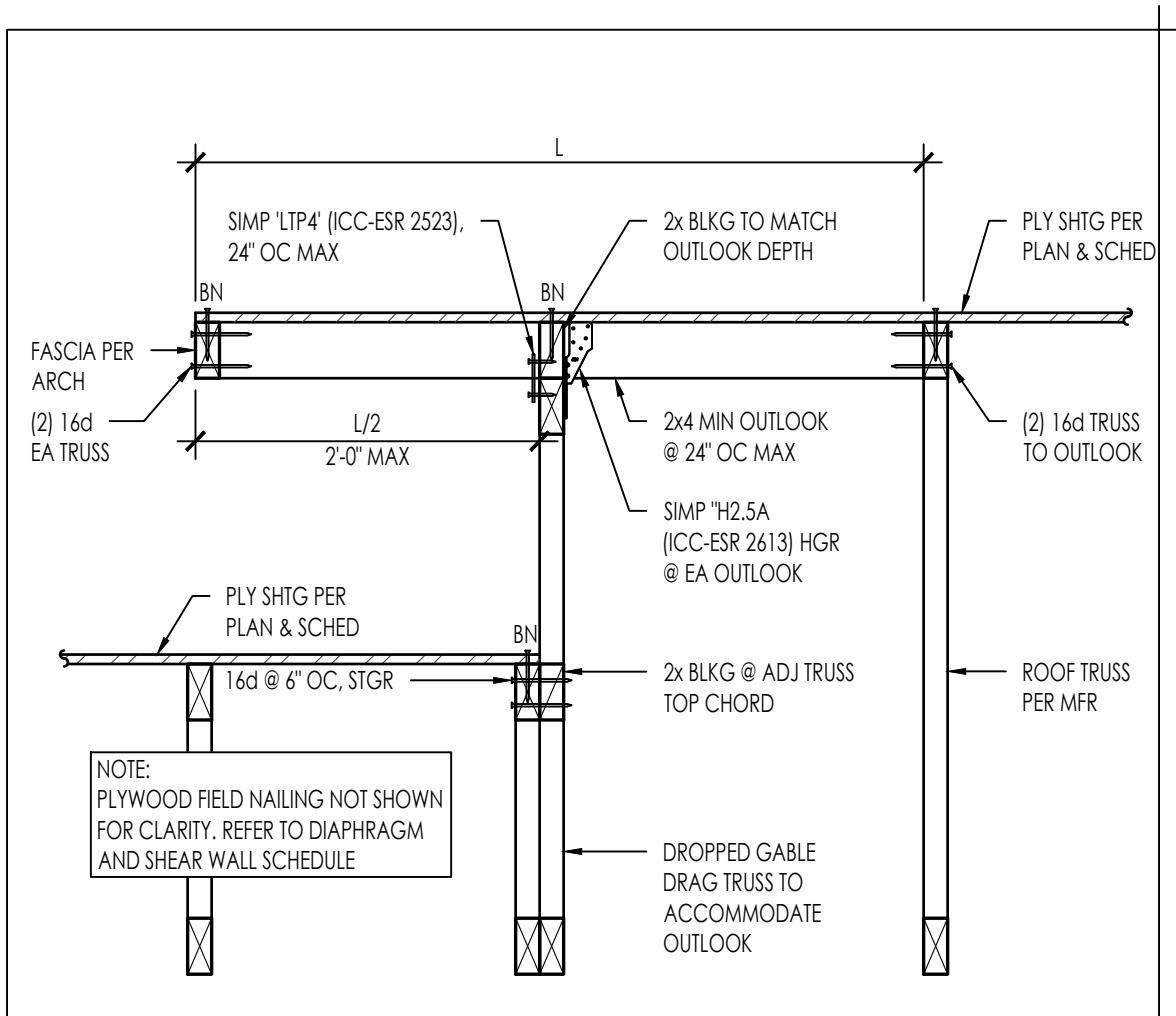
THESE PLANS ARE PROVIDED BY THE COUNTY OF SAN LUIS OBISPO AS PART OF THE PRE-APPROVED ADU PROGRAM AND ARE PUBLIC DOMAIN. THERE CANNOT BE A CHARGE TO PROVIDE THESE PLANS. NO ALTERATIONS TO THESE PLANS ARE ALLOWED. ALL ALTERATIONS MUST BE DONE UNDER A SEPARATE PERMIT ONCE THE BUILDING PERMIT FOR THE ADU HAS BEEN ISSUED AND FINAL INSPECTION COMPLETED. IF YOU DO NOT HAVE THE CONSTRUCTION KNOWLEDGE AND EXPERIENCE TO CONSTRUCT THESE PLANS WITHOUT FURTHER DETAILS, IT IS RECOMMENDED YOU HIRE A CONTRACTOR TO DO THE CONSTRUCTION. THE CITY WILL NOT PROVIDE FURTHER INFORMATION OR DETAILS AND BUILDING INSPECTORS WILL NOT PROVIDE STEP BY STEP INSTRUCTIONS IN THE FIELD.

COUNTY OF SAN LUIS OBISPO
ACCESSORY DWELLING UNIT
SAN LUIS OBISPO, CA

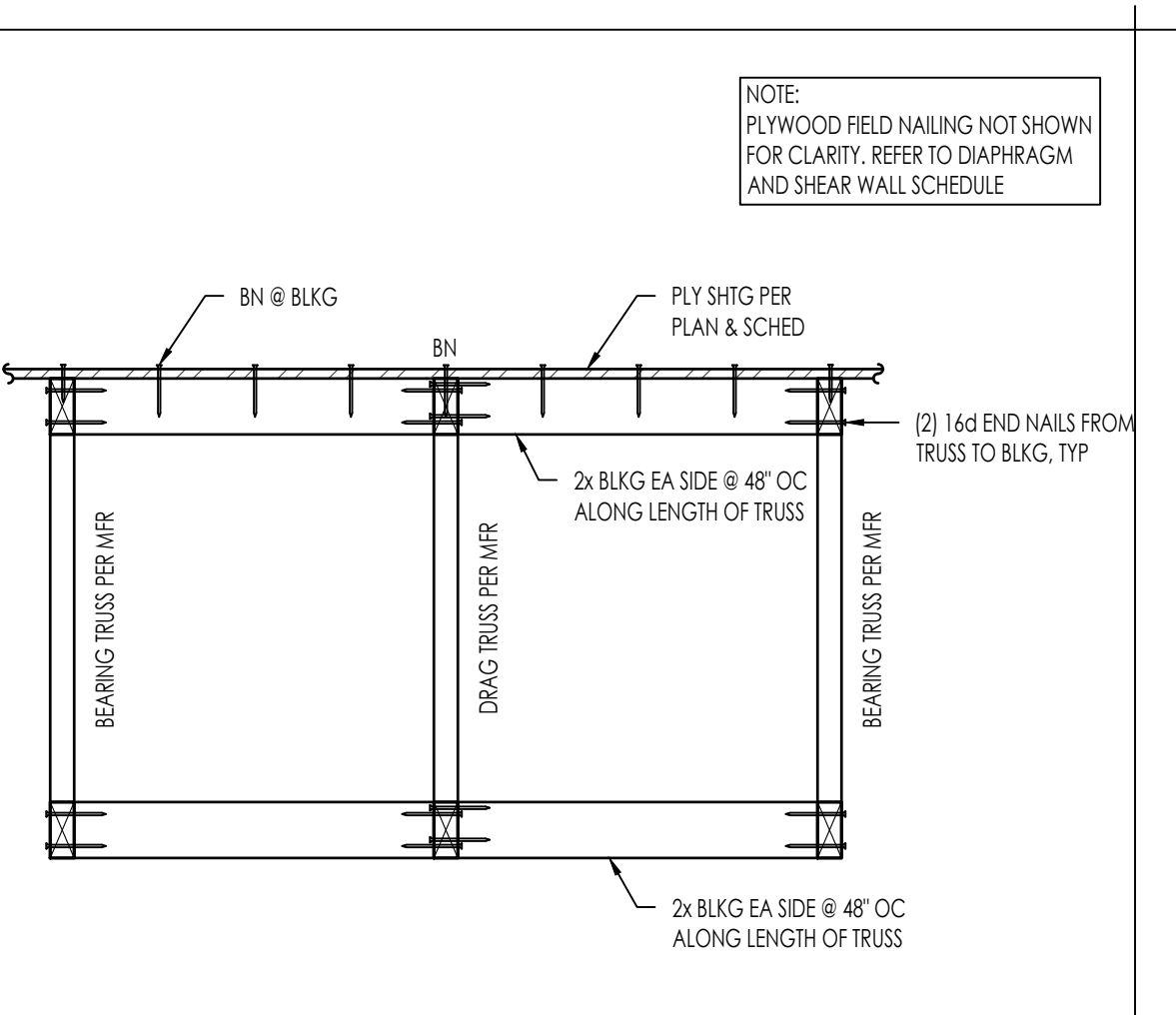
ROOF FRAMING DETAILS

DATE
09/28/2023
SHEET

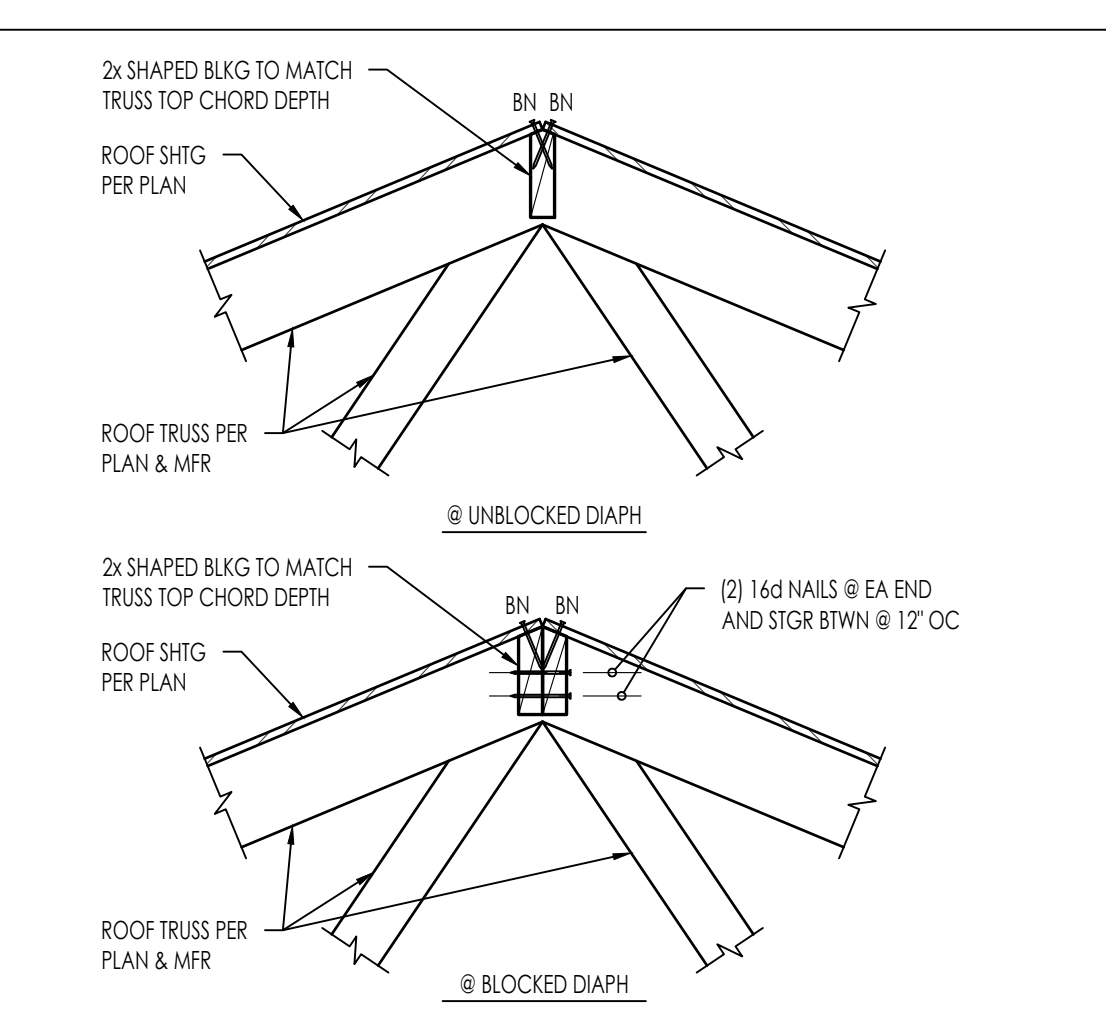
S-421



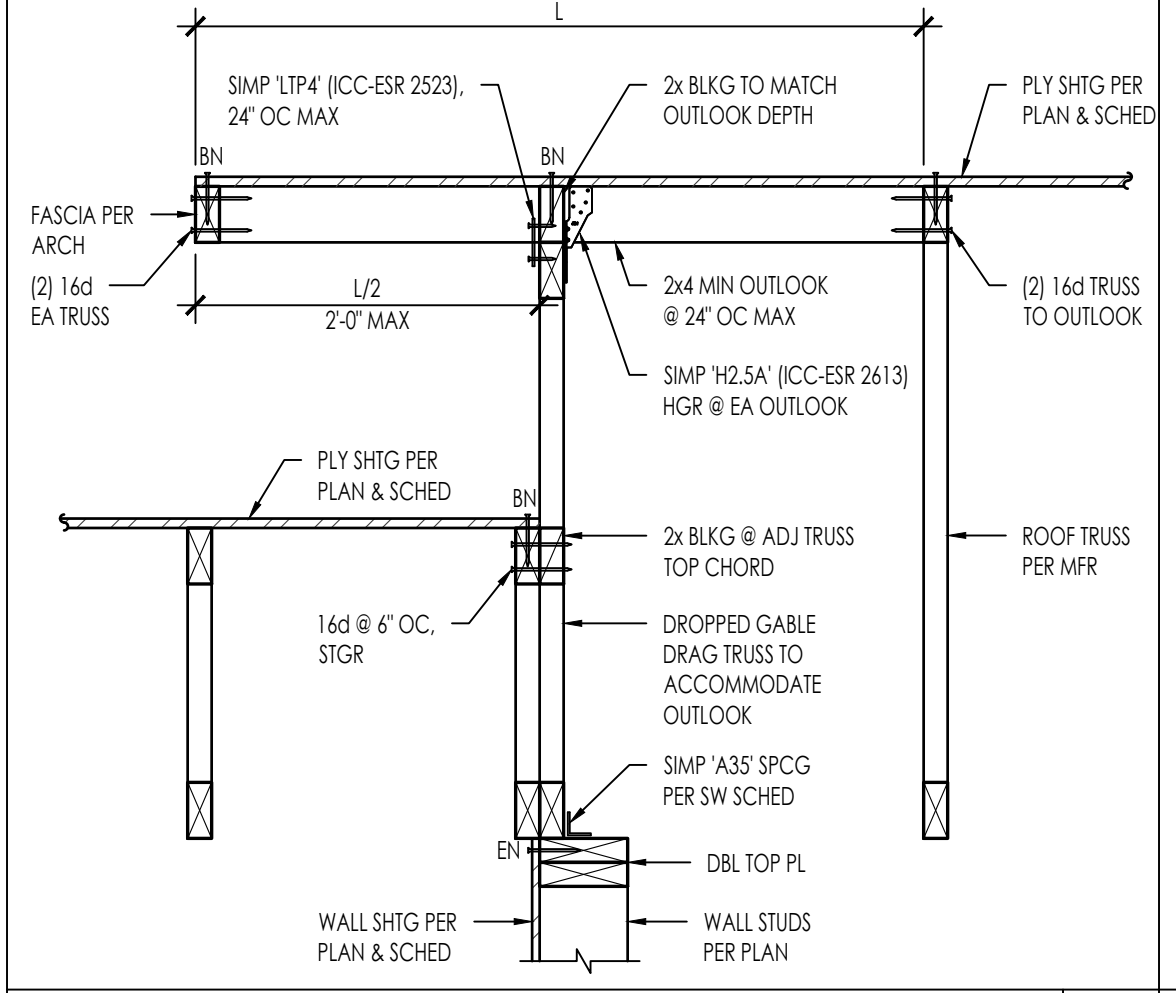
DIAPH TRANSITION W/ OVERHANG
2272-01-C102-1461 1" = 1'-0" 51



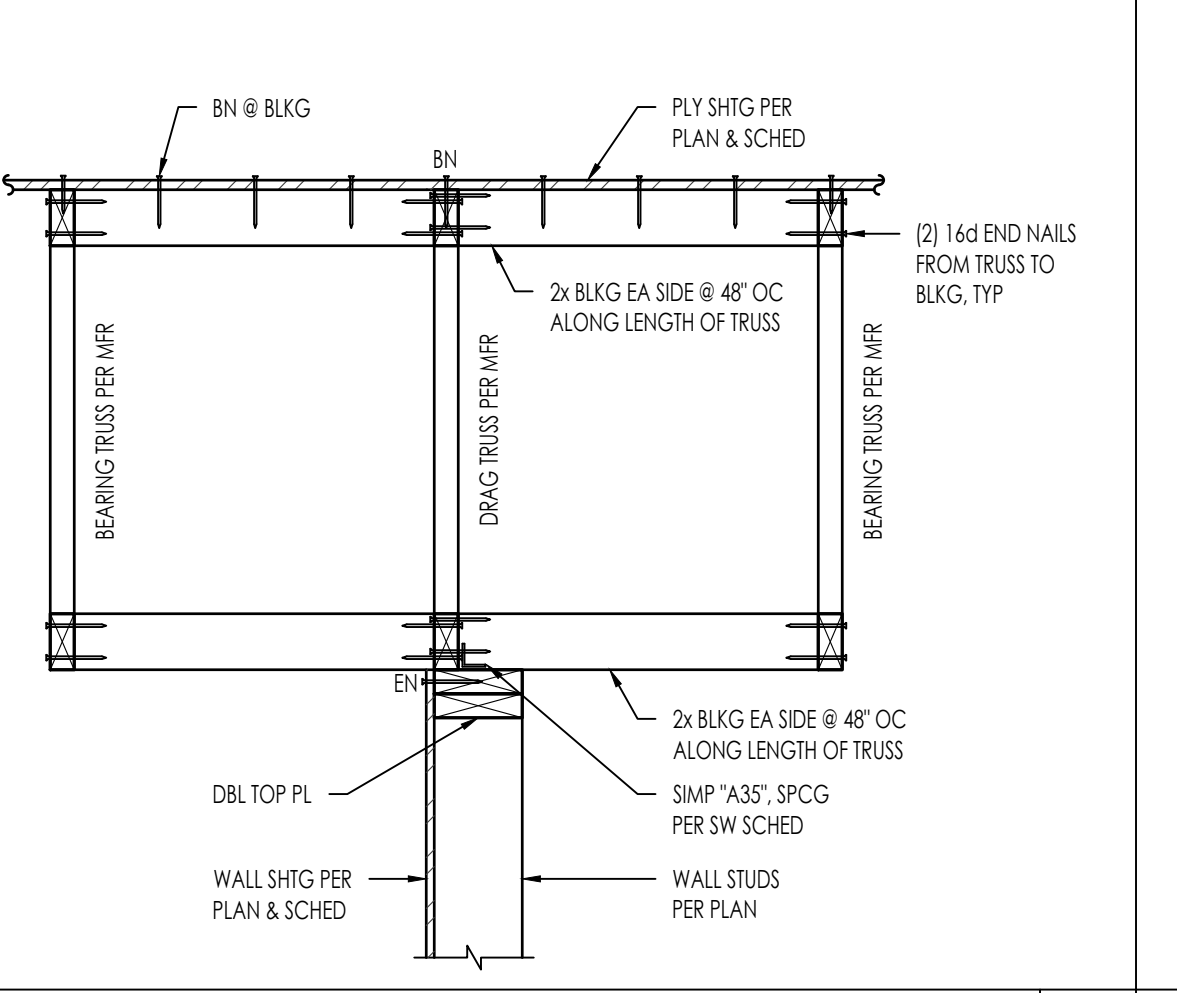
INTERIOR DRAG TRUSS
2272-01-C102-1461 1" = 1'-0" 41



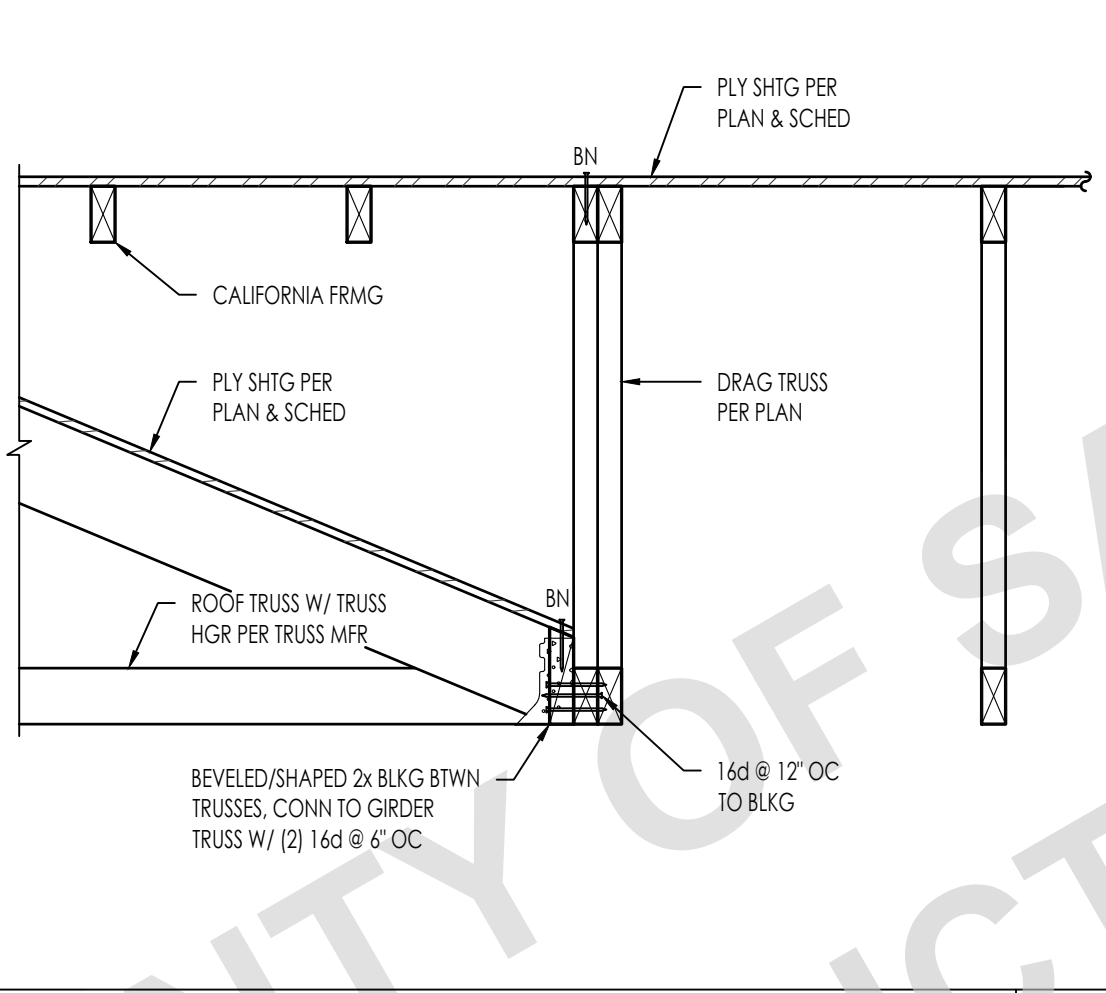
SHEATHING OVER ROOF RIDGE
2272-01-C102-1461 1" = 1'-0" 31



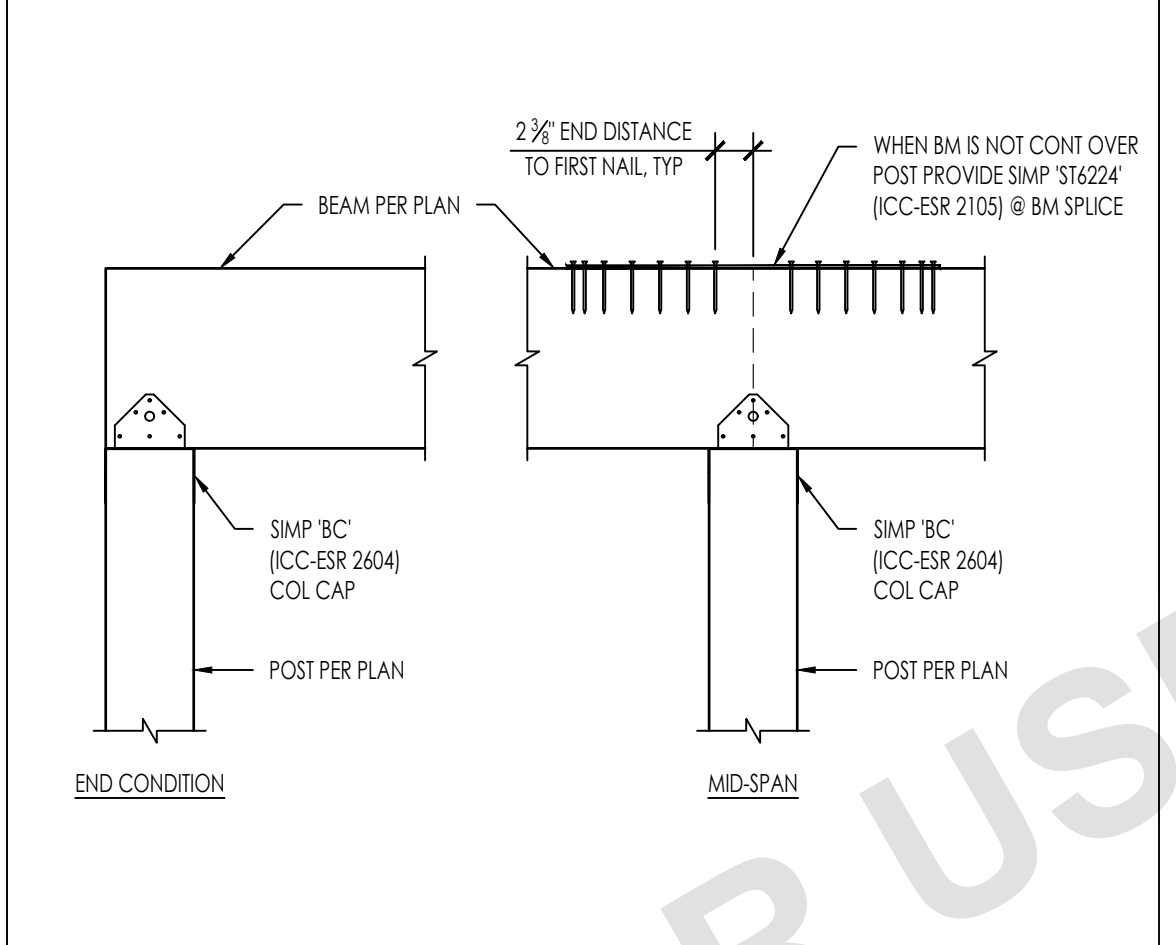
DIAPH TRANSITION W/ OVERHANG
2272-01-C102-1461 1" = 1'-0" 52



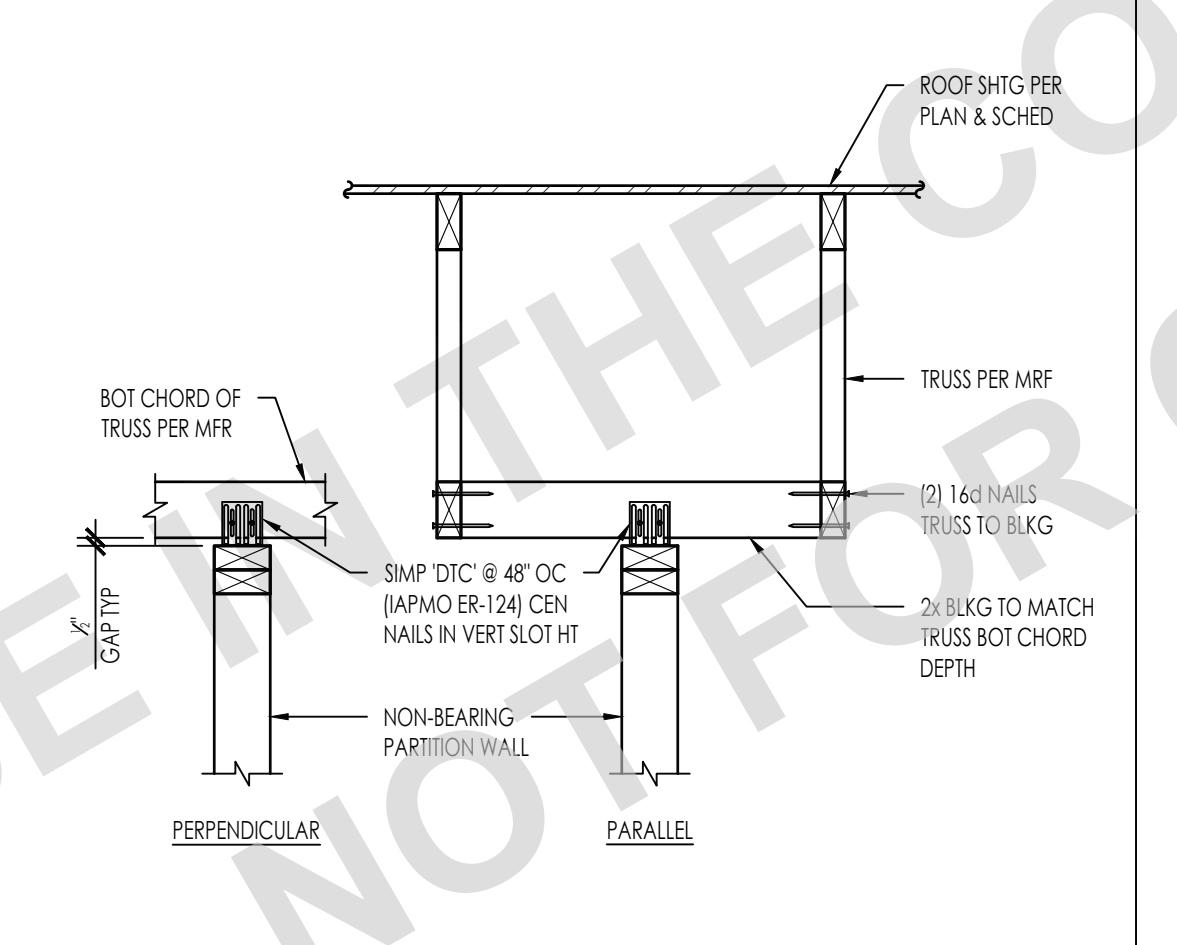
INTERIOR SHEAR WALL (ROOF TRUSS PARALLEL)
2272-01-C102-1461 1" = 1'-0" 42



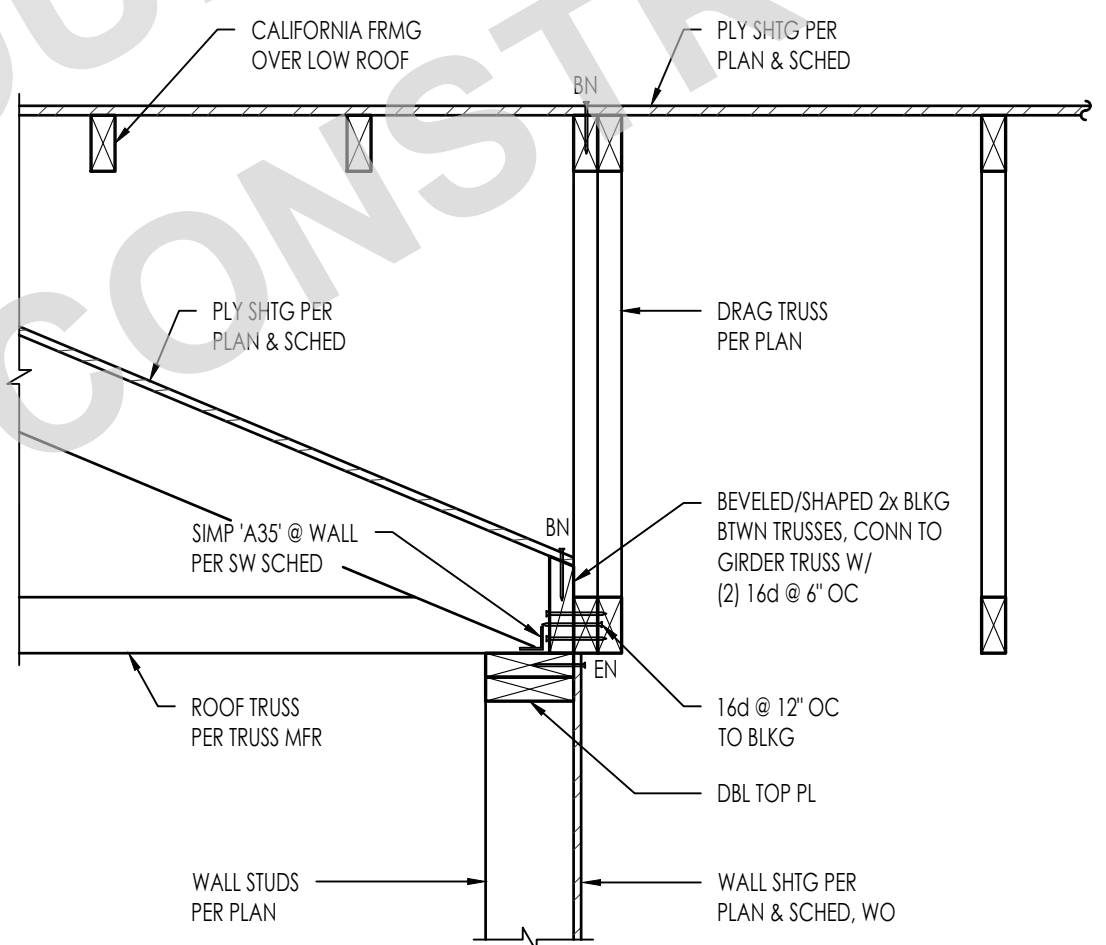
TRUSS TO GIRDER TRUSS
2272-01-C102-1461 1" = 1'-0" 32



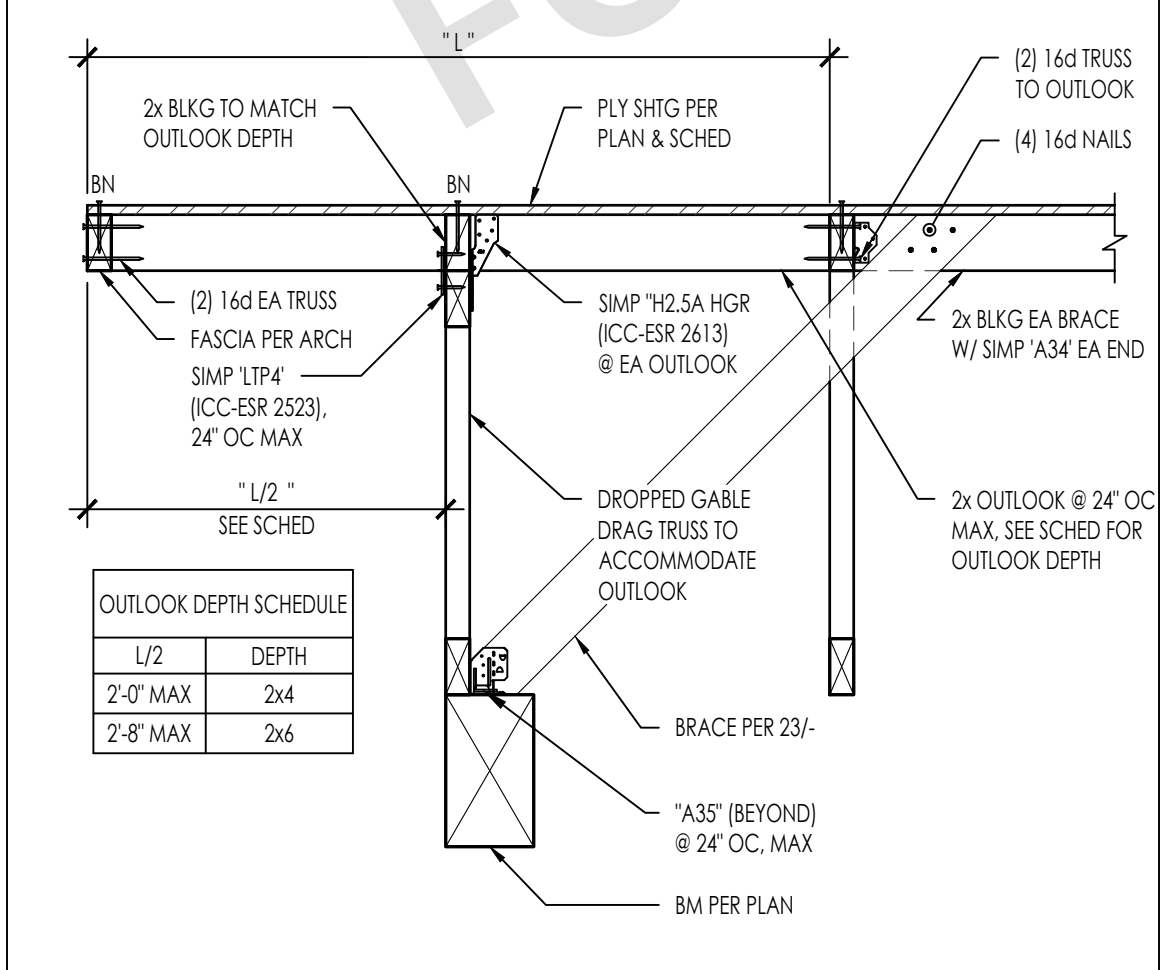
BEAM TO POST CONNECTION
2272-01-C102-1461 1" = 1'-0" 53



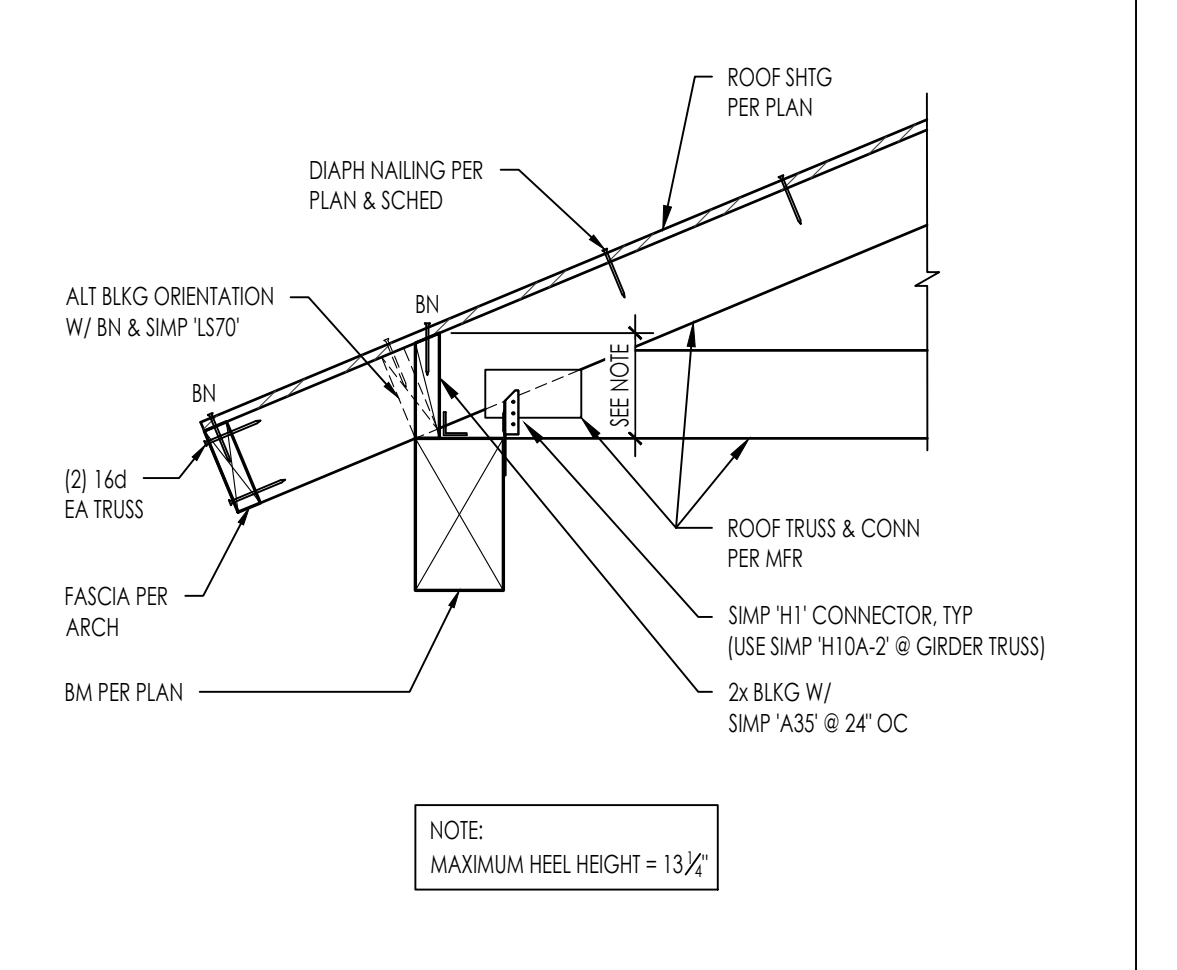
TRUSS OVER NON-BEARING PARTITION
2272-01-C102-1461 1" = 1'-0" 43



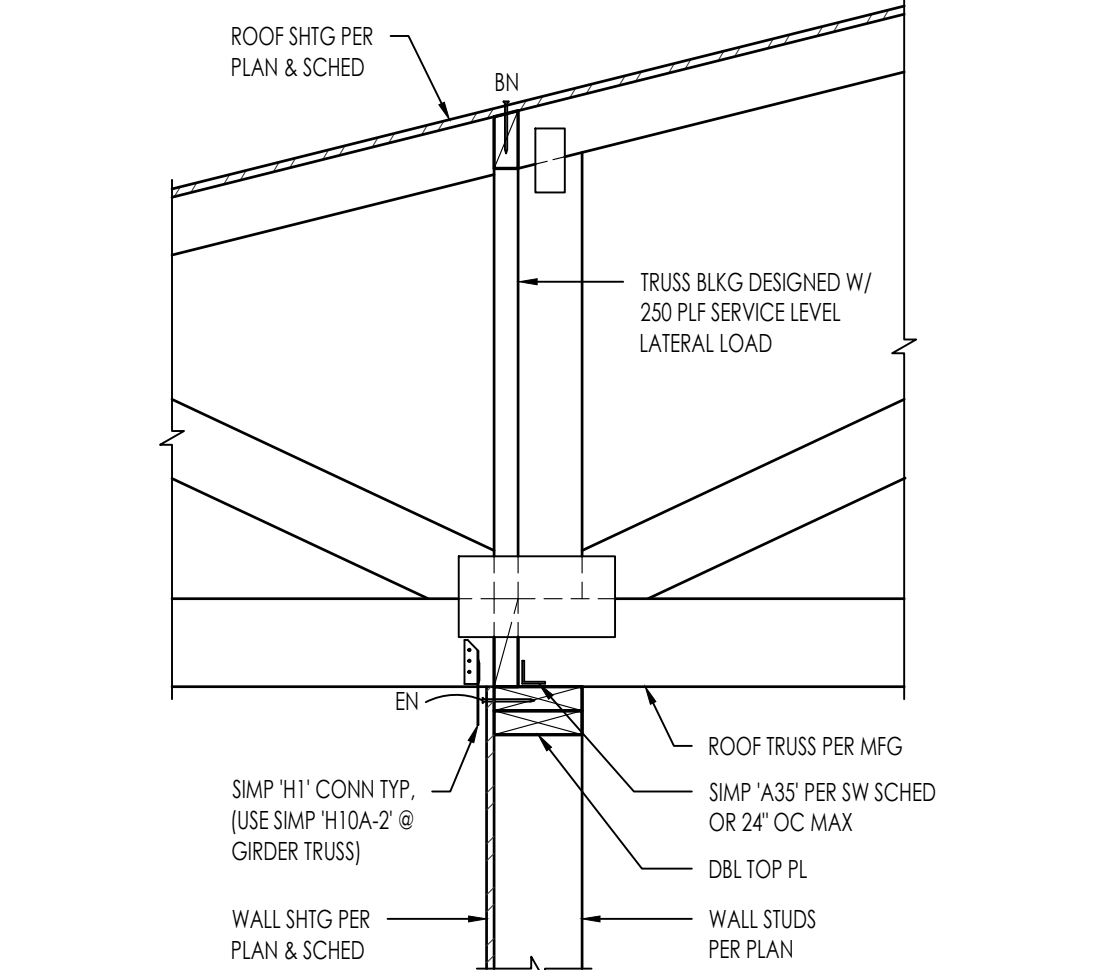
TRUSS TO GIRDER TRUSS W/ WALL BELOW
2272-01-C102-1461 1" = 1'-0" 33



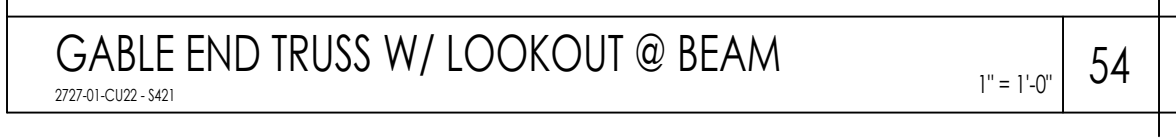
GABLE END TRUSS W/ LOOKOUT @ BEAM
2272-01-C102-1461 1" = 1'-0" 54



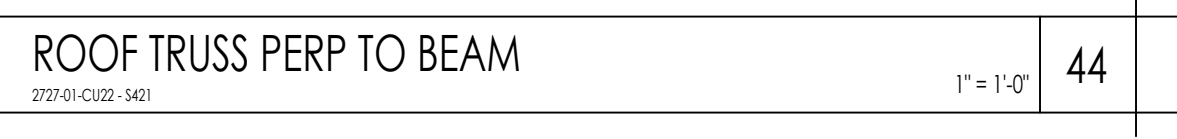
ROOF TRUSS PERP TO BEAM
2272-01-C102-1461 1" = 1'-0" 44



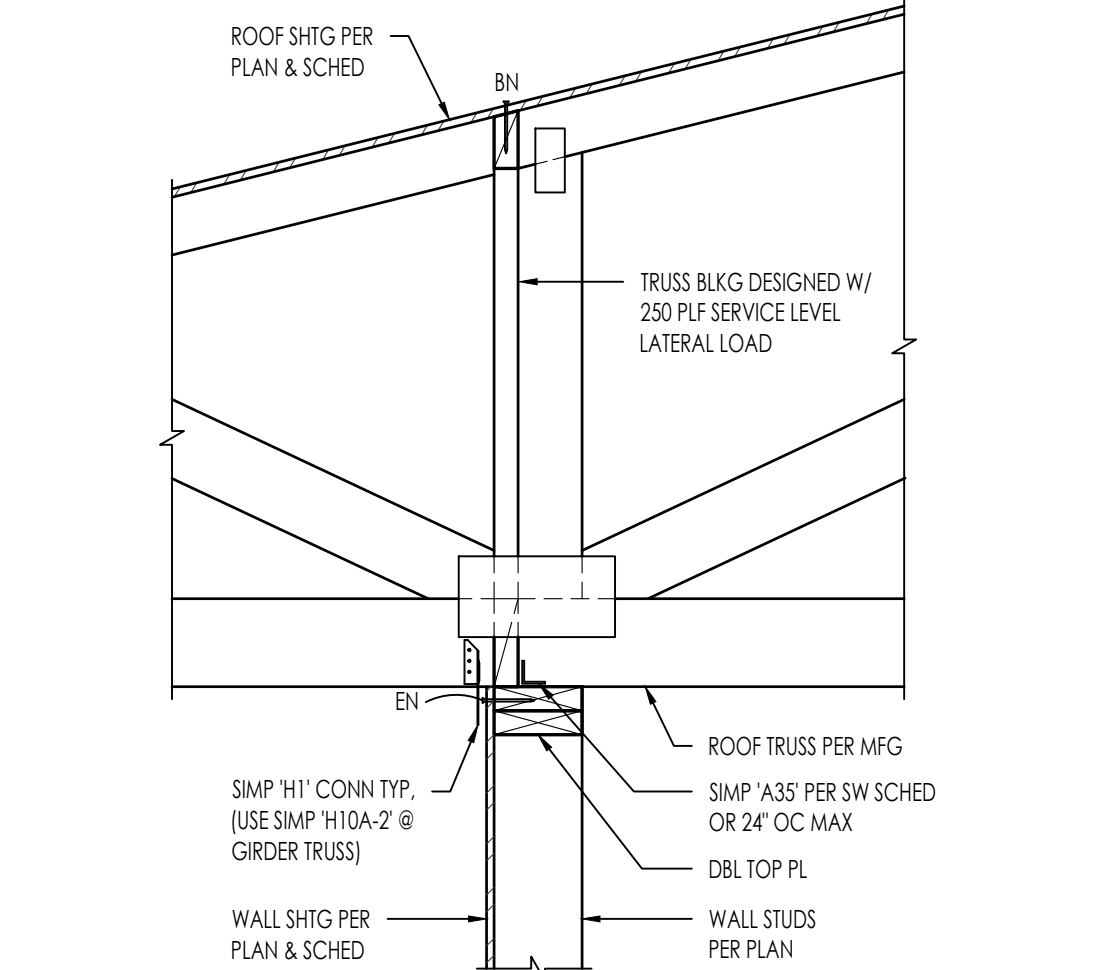
TRUSS INTERIOR BEARING WALL
2272-01-C102-1461 1" = 1'-0" 34



GABLE END TRUSS
2272-01-C102-1461 NTS 23



ROOF TRUSS PERP TO EXTERIOR WALL
2272-01-C102-1461 NTS 13



CALIFORNIA FRAMING SLEEPER
2272-01-C102-1461 NTS 35



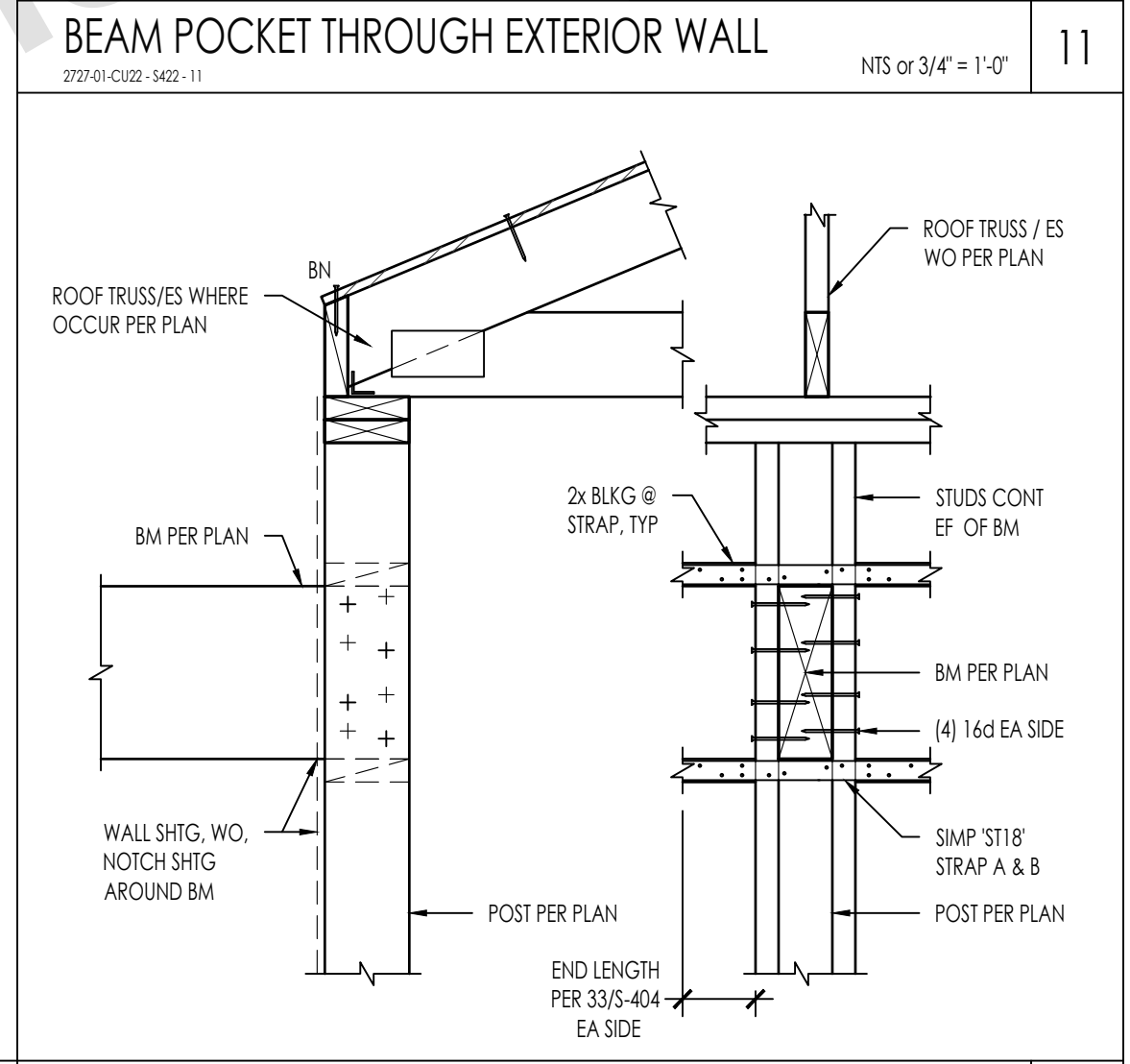
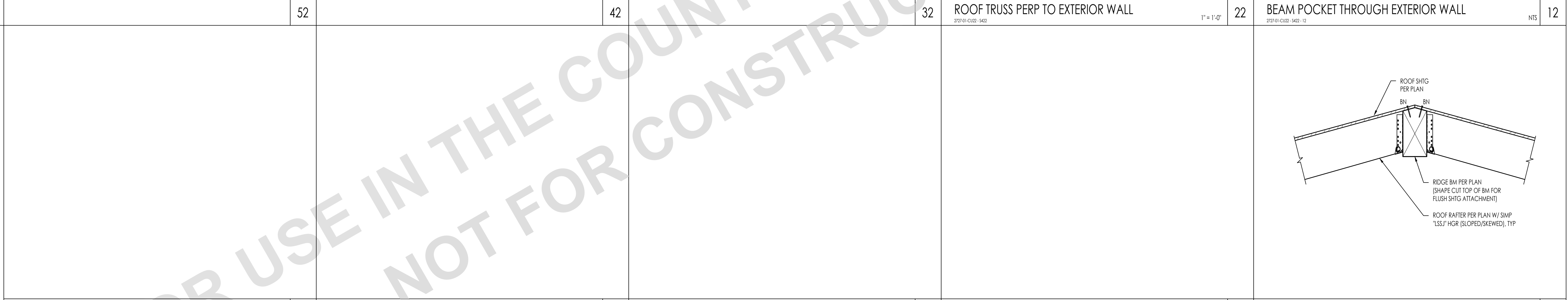
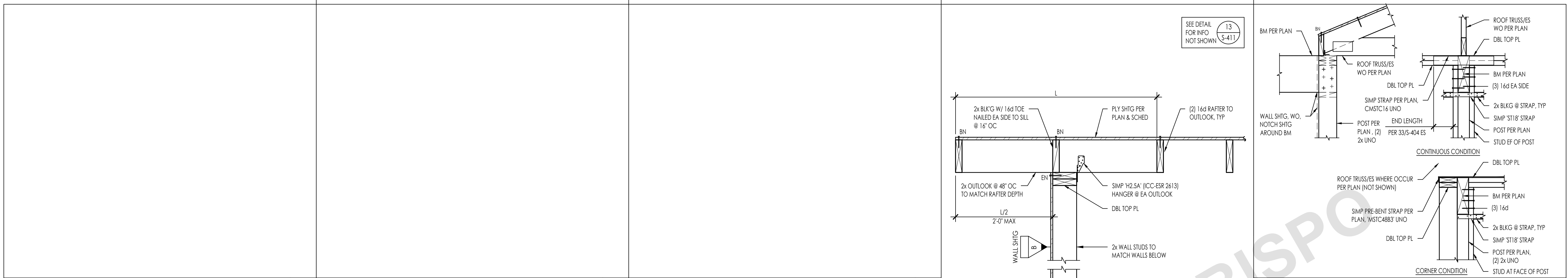
ROOF TRUSS PERP TO EXTERIOR WALL
2272-01-C102-1461 NTS 14

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**COUNTY OF SAN LUIS OBISPO
ACCESSORY DWELLING UNIT**
SAN LUIS OBISPO, CA
ROOF FRAMING DETAILS

DATE
09/28/2023
SHEET

S-422

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
 1. I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Jennifer Rennick
 Signature Date: 9/27/2023
 Company: In Balance Green Consulting
 Address: CEA/ HERS Certification Identification (if applicable):
 City/State/Zip: Phone:

RESPONSIBLE PERSON'S DECLARATION STATEMENT
 I certify the following under penalty of perjury, under the laws of the State of California:
 1. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design identified on this Certificate of Compliance.
 2. I certify that the energy features and performance specifications identified on this Certificate of Compliance conform to the requirements of Title 24, Part 3 and Part 6 of the California Code of Regulations.
 3. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.

Responsible Designer Name: Responsible Designer Signature:
 Company: Date Signed:
 Address: License:
 City/State/Zip: Phone:

INDOOR AIR QUALITY (IAQ) FANS

01	02	03	04	05	06	07	08	09
Dwelling Unit	Airflow (CFM)	Fan Efficacy (W/CFM)	IAQ Fan Type	Includes Heat/Energy Recovery?	IAQ Recovery Effectiveness - SRE	Includes Fault Indicator Display?	HERS Verification	Status
Sfam IAQVentRot	73	0.35	Exhaust	No	n/a / n/a	No	Yes	

SPACE CONDITIONING SYSTEMS

01	02	03	04	05	06	07	08	09
Name	System Type	Heating Unit Name	Heating Equipment Count	Cooling Unit Name	Cooling Equipment Count	Fan Name	Distribution Name	Required Thermostat Type
HVAC System1	Heat pump heating cooling	Heat Pump System 1	5	Heat Pump System 1	5	n/a	n/a	Setback

HVAC - HEAT PUMPS

01	02	03	04	05	06	07	08	09	10	11	12	13
Name	System Type	Number of Units	Heating			Cooling			Zonally Controlled	Compressor Type	HERS Verification	
			Efficiency Type	HSPF / HSPF2 / COP	Cap 47	Cap 17	Efficiency Type	SEER / SEER2				EER / EER / CEER
Heat Pump System 1	VCHP-ductless	5	HSPF2	8	10900	10200	EER2SEER2	16	12.4	Not Zonal	Multi-speed	Heat Pump System 1-hers-htpump

HVAC HEAT PUMPS - HERS VERIFICATION

01	02	03	04	05	06	07	08	09
Name	Verified Airflow	Airflow Target	Verified EER/EER2	Verified SEER/SEER2	Verified Refrigerant Charge	Verified HSPF/HSPF2	Verified Heating Cap 47	Verified Heating Cap 17
Heat Pump System 1-hers-htpump	Not Required	0	Required	Required	Yes	Yes	Yes	Yes

VARIABLE CAPACITY HEAT PUMP COMPLIANCE OPTION - HERS VERIFICATION

01	02	03	04	05	06	07	08	09	10
Name	Certified Low-Static VCHP System	Airflow to Habitable Rooms	Ductless Units in Conditioned Space	Wall Mount Thermostat	Air Filter Sizing & Pressure Drop Rating	Low Leakage Ducts in Conditioned Space	Minimum Airflow per R4.3 and SC3.3.4.1	Certified non-continuous Fan	Indoor Fan not Running Continuously
Heat Pump System 1	Not required	Required	Required	Required	Not required	Not required	Not required	Not required	Not required



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FOR USE IN THE COUNTY OF SAN LUIS OBISPO
 NOT FOR CONSTRUCTION

COUNTY OF SAN LUIS OBISPO
 ACCESSORY DWELLING UNIT
 SAN LUIS OBISPO, CA
 ENERGY COMPLIANCE - PLAN 1B

CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD

CF1R-PRF-01E

Project Name: Plan 1 4 Bedrm Plan Calculation Date/Time: 2023-09-26 20:46:18-07:00
 Calculation Description: Title 24 Analysis Input File Name: 4 Bedrm Plan -1b- CZ 5.rbd22x

(Page 12 of 12)

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

1. I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Jennifer Rennick
 Signature Date: 9/26/2023
 Company: In Balance Green Consulting
 Address: CEA/ HERS Certification Identification (if applicable):
 City/State/Zip: Phone:

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

- I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design identified on this Certificate of Compliance.
- I certify that the energy features and performance specifications identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
- The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.

Responsible Designer Name: Responsible Designer Signature:
 Company: Date Signed:
 Address: License:
 City/State/Zip: Phone:

Registration Number: Registration Date/Time: HERS Provider: CZ-5-12
 CA Building Energy Efficiency Standards - 2022 Residential Compliance Report Version: 2022.0.000 Schema Version: rev 20220901 Report Generated: 2023-09-26 20:46:41

CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD

CF1R-PRF-01E

Project Name: Plan 1 4 Bedrm Plan Calculation Date/Time: 2023-09-26 20:46:18-07:00
 Calculation Description: Title 24 Analysis Input File Name: 4 Bedrm Plan -1b- CZ 5.rbd22x

(Page 11 of 12)

INDOOR AIR QUALITY (IAQ) FANS								
01	02	03	04	05	06	07	08	09
Dwelling Unit	Airflow (CFM)	Fan Efficacy (W/CFM)	IAQ Fan Type	Includes Heat/Energy Recovery?	IAQ Recovery Effectiveness - SRE	Includes Fault Indicator Display?	HERS Verification	Status
Sfam IAQVentRot	73	0.35	Exhaust	No	n/a / n/a	No	Yes	

Registration Number: Registration Date/Time: HERS Provider: CZ-5-11
 CA Building Energy Efficiency Standards - 2022 Residential Compliance Report Version: 2022.0.000 Schema Version: rev 20220901 Report Generated: 2023-09-26 20:46:41

CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD

CF1R-PRF-01E

Project Name: Plan 1 4 Bedrm Plan Calculation Date/Time: 2023-09-26 20:46:18-07:00
 Calculation Description: Title 24 Analysis Input File Name: 4 Bedrm Plan -1b- CZ 5.rbd22x

(Page 10 of 12)

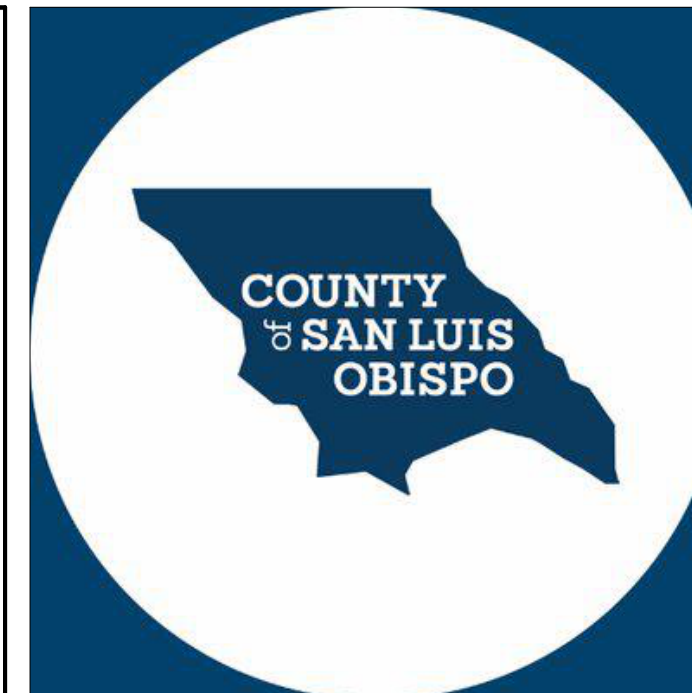
SPACE CONDITIONING SYSTEMS								
01	02	03	04	05	06	07	08	09
Name	System Type	Heating Unit Name	Heating Equipment Count	Cooling Unit Name	Cooling Equipment Count	Fan Name	Distribution Name	Required Thermostat Type
HVAC System 1	Heat pump heating cooling	Heat Pump System 1	5	Heat Pump System 1	5	n/a	n/a	Setback

HVAC - HEAT PUMPS												
01	02	03	Heating				Cooling			11	12	13
			Number of Units	Efficiency Type	HSPF / HSPF2 / COP	Cap 47	Cap 17	Efficiency Type	SEER / SEER2			
Heat Pump System 1	VCHP-ductless	5	HSPF2	8	6000	5400	EER2SEER2	16	12.4	Not Zonal	Multi-speed	Heat Pump System 1-HERS-htpump

HVAC HEAT PUMPS - HERS VERIFICATION								
01	02	03	04	05	06	07	08	09
Name	Verified Airflow	Airflow Target	Verified EER/EER2	Verified SEER/SEER2	Verified Refrigerant Charge	Verified HSPF/HSPF2	Verified Heating Cap 47	Verified Heating Cap 17
Heat Pump System 1-HERS-htpump	Not Required	0	Required	Required	Yes	Yes	Yes	Yes

VARIABLE CAPACITY HEAT PUMP COMPLIANCE OPTION - HERS VERIFICATION									
01	02	03	04	05	06	07	08	09	10
Name	Certified Low-Static VCHP System	Airflow to Habitable Rooms	Ductless Units in Conditioned Space	Wall Mount Thermostat	Air Filter Sizing & Pressure Drop Rating	Low Leakage Ducts in Conditioned Space	Minimum Airflow per R4.3 and SC3.3.4.1	Certified non-continuous Fan	Indoor Fan not Running Continuously
Heat Pump System 1	Not required	Required	Required	Required	Not required	Not required	Not required	Not required	Not required

Registration Number: Registration Date/Time: HERS Provider: CZ-5-10
 CA Building Energy Efficiency Standards - 2022 Residential Compliance Report Version: 2022.0.000 Schema Version: rev 20220901 Report Generated: 2023-09-26 20:46:41



THESE PLANS ARE PROVIDED BY THE COUNTY OF SAN LUIS OBISPO AS PART OF THE PRE-APPROVED ADU PROGRAM AND ARE PUBLIC DOMAIN. THERE CANNOT BE A CHARGE TO PROVIDE THESE PLANS. NO ALTERATIONS TO THESE PLANS ARE ALLOWED. ALL ALTERATIONS MUST BE DONE UNDER A SEPARATE PERMIT ONCE THE BUILDING PERMIT FOR THE ADU HAS BEEN ISSUED AND FINAL INSPECTION COMPLETED. IF YOU DO NOT HAVE THE CONSTRUCTION KNOWLEDGE AND EXPERIENCE TO CONTRUCT THESE PLANS WITHOUT FURTHER DETAILS, IT IS RECOMMENDED YOU HIRE A CONTRACTOR TO DO THE CONSTRUCTION. THE CITY WILL NOT PROVIDE FURTHER INFORMATION OR DETAILS AND BUILDING INSPECTORS WILL NOT PROVIDE STEP BY STEP INSTRUCTIONS IN THE FIELD.

FOR USE IN THE COUNTY OF SAN LUIS OBISPO
 NOT FOR CONSTRUCTION

COUNTY OF SAN LUIS OBISPO
 ACCESSORY DWELLING UNIT
 SAN LUIS OBISPO, CA
 ENERGY COMPLIANCE - PLAN 1B

DATE
 09/28/2023
 SHEET
 T24 - 108

