



RURAL MOUNTAIN



HIGH DESERT

MONO COUNTY PROTOTYPE ACCESSORY DWELLING UNIT - PLAN 5

MONO COUNTY, CA



USER LICENSE AGREEMENT

BY USING THESE PERMIT READY ACCESSORY DWELLING UNIT CONSTRUCTION DOCUMENTS, THE USER AGREES TO RELEASE, HOLD HARMLESS, AND INDEMNIFY THE COUNTY OF MONO, ITS ELECTED OFFICIALS AND EMPLOYEES, RRM DESIGN GROUP, AND THE ARCHITECT OR ENGINEER WHO PREPARED THESE CONSTRUCTION DOCUMENTS FROM ANY AND ALL CLAIMS, LIABILITIES, SUITS AND DEMANDS ON ACCOUNT OF ANY INJURY, DAMAGE OR LOSS TO PERSONS OR PROPERTY, INCLUDING INJURY OR DEATH, OR ECONOMIC LOSSES, ARISING OUT OF THE USE OF THESE CONSTRUCTION DOCUMENTS.

THE PLANS ATTACHED HERE ARE APPROVED FOR ONLY USE IN MONO COUNTY. NO DEVIATIONS, ALTERATIONS, OR OPTIONS BEYOND THOSE SPECIFICALLY INDICATED IN THE PLANS ARE ALLOWED WITHOUT PRIOR APPROVAL BY THE ISSUING JURISDICTION AND CHIEF BUILDING OFFICIAL. ANY UNAPPROVED PLAN MODIFICATIONS MAY BE DEVELOPED THROUGH RRM DESIGN GROUP AND THE APPROVING JURISDICTION IF REQUIRED.

SIGNATURE: _____ DATE: _____

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Grand total: 46	

PROJECT DIRECTORY

APPLICANT (TO BE PROVIDED BY OWNER)

ADDRESS: _____

CONTACT: _____

EMAIL: _____

PHONE: _____

ARCHITECT RRM DESIGN GROUP

ADDRESS: 3765 S HIGUERA ST, SUITE 102
SAN LUIS OBISPO, CA 93401

CONTACT: _____

EMAIL: _____

PHONE: P.(805) 543-1794

BUILDING AREAS

AREAS - PLAN 5

CONDITIONED		
PLAN 5 FLOOR		1033 SF
UNCONDITIONED		
PLAN 5 FRONT PORCH - RM		186 SF
PLAN 5 FRONT PORCH - HD		79 SF

PROJECT CHECKLIST

FOUNDATION

NOTE: THIS PROJECT ASSUMES A SITE WITH STANDARD SOIL CONDITIONS. IF THE ADU IS TO BE LOCATED ON A SITE WITH EXPANSIVE OR OTHERWISE UNUSUAL SOIL, THE APPLICANT MUST PROCURE A GEOTECHNICAL REPORT AND MAY REQUIRE A NEW FOUNDATION DESIGN.

- SLAB ON GRADE
* STRIKE THROUGH T24-B501/502/503
- RAISED FOUNDATION
* STRIKE THROUGH T24-A501/502/203

WASTE WATER

- SEWER
- SEPTIC (REQUIRES APPROVAL)

FIRE SPRINKLERS

DOES THE PRIMARY RESIDENCE HAVE NFPA 13D SPRINKLERS?

- NO
- YES

REQUIRED AT PROPOSED ADU:

- NO (NOT REQUIRED IF THE PRIMARY RESIDENCE IS UNSPRINKLERED)
- YES (REQUIRED IF THE PRIMARY RESIDENCE IS SPRINKLERED)

FIRE SPRINKLERS NOTES

IF FIRE SPRINKLERS ARE REQUIRED AT PROPOSED ADU THEN THE FOLLOWING NOTES APPLY.

- DETAILED SPRINKLER PLANS SHALL BE SUBMITTED TO THE FIRE PREVENTION BUREAU AND APPROVED PRIOR TO INSTALLATION. PLANS AND INSTALLATION MUST BE BY A C16 LICENSED SPRINKLER CONTRACTOR.
- SECTION 903.3.1.3 NFPA 13D SPRINKLER SYSTEMS AUTOMATIC FIRE SPRINKLER SYSTEMS INSTALLED IN ONE- AND TWO-FAMILY DWELLINGS, GROUP R-3.
- SECTION 903.2.8 GROUP R-3 AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.3 SHALL BE PROVIDED THROUGHOUT ALL BUILDINGS WITH A GROUP R FIRE AREA.
- SECTION 903.2.8.1 GROUP R-3 AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.3 SHALL BE PERMITTED IN GROUP R-3 OCCUPANCIES.
- LOCATION AND SIZE OF WATER SERVICE UNDERGROUND SHALL BE INSTALLED AS SHOWN ON APPROVED FIRE SPRINKLER PLANS. A MINIMUM 1 INCH WATER SHALL BE INSTALLED.
- A FIRE UNDERGROUND FLUSH CERTIFICATION SHALL BE REQUIRED AT FINAL INSPECTION.
- A HYDRO INSPECTION OF THE FIRE SPRINKLER SYSTEM IS REQUIRED PRIOR TO FRAME INSPECTION. ONLY THE NEW PIPING SHALL BE TESTED.

ONSITE PARKING REQUIRED

- NONE, EXCEPTION USED:
 - THE ADU IS LOCATED WITHIN 1/2 MILE OF PUBLIC TRANSIT.
 - OFF STREET PARKING PERMITS ARE REQUIRED BUT NOT OFFERED TO THE OCCUPANT OF THE ADU.
 - WHEN THERE IS A CAR SHARE VEHICLE LOCATED WITHIN ONE BLOCK OF THE ADU.
- ONE PARKING SPACE (STUDIO OR 1-BEDROOM ADU)
- TWO PARKING SPACES (2-BEDROOM ADU)

PROJECT INFORMATION

PROJECT SCOPE:

- CONSTRUCTION OF A NEW DETACHED 1 STORY 1033 SF ACCESSORY OR PRIMARY DWELLING UNIT WITH 2 BEDROOMS AND 1 BATH(S).
- ALL SITE WORK WITHIN THE PROPERTY LINE.
- ALL THE WORK SHOWN IN THE DRAWINGS AND SPECIFICATIONS.

SITE INFORMATION:
(TO BE PROVIDED BY COUNTY OF MONO OR TOWN OF MAMMOTH LAKES)

STREET ADDRESS: _____

APN: _____

ZONING: _____

LOT SIZE: _____

LAND USE: _____

EXISTING USE: _____

PROPOSED USE: _____

FLOOR AREA RATIO
(TO BE PROVIDED BY COUNTY OF MONO OR TOWN OF MAMMOTH LAKES)

MAXIMUM FAR: _____

PROPOSED FAR: _____

LOT COVERAGE
(TO BE PROVIDED BY OWNER)

BUILDING: _____

HARDSAPCE/PAVING: _____

LANDSCAPE: _____

SETBACKS
(TO BE PROVIDED BY COUNTY OF MONO OR TOWN OF MAMMOTH LAKES)

	REQUIRED	PROPOSED
FRONT:		
REAR:	4' - 0" (A.B. NO. 68)	
SIDES:	4' - 0" (A.B. NO. 68)	

BUILDING INFORMATION:
(TO BE PROVIDED BY COUNTY OF MONO OR TOWN OF MAMMOTH LAKES)

NUMBER OF STORIES:	1
OCCUPANCY GROUP:	R-3
CONSTRUCTION TYPE:	V-B
SPRINKLERED:	
MAX. HEIGHT ALLOWED (PER 2022 CBC TABLE 504.3) / (ASSEMBLY BILL 68)	40' / 16'
MAX. HEIGHT ALLOWED (PER COUNTY OF MONO)	
MAX. HEIGHT PROPOSED:	REFER TO ELEVATIONS. VARIES BY STYLE.
ROOF RATINGS:	CLASS A
HIGH FIRE ZONE:	REFER TO 'WILDLAND-URBAN INTERFACE FIRE AREA' AND 'VERY-HIGH FIRE SEVERITY ZONE' SECTIONS ON SHEET

FIRE-RESISTANCE REQ.

SELECT THE APPROPRIATE BOX BELOW (ONLY 1):
NOTE: EXTERIOR WALLS SHALL HAVE A MINIMUM FIRE SEPARATION DISTANCE OF 4'-0" FROM PROPERTY LINE. ALL ROOF EAVES ARE 10" DEEP.

NON-SPRINKLERED

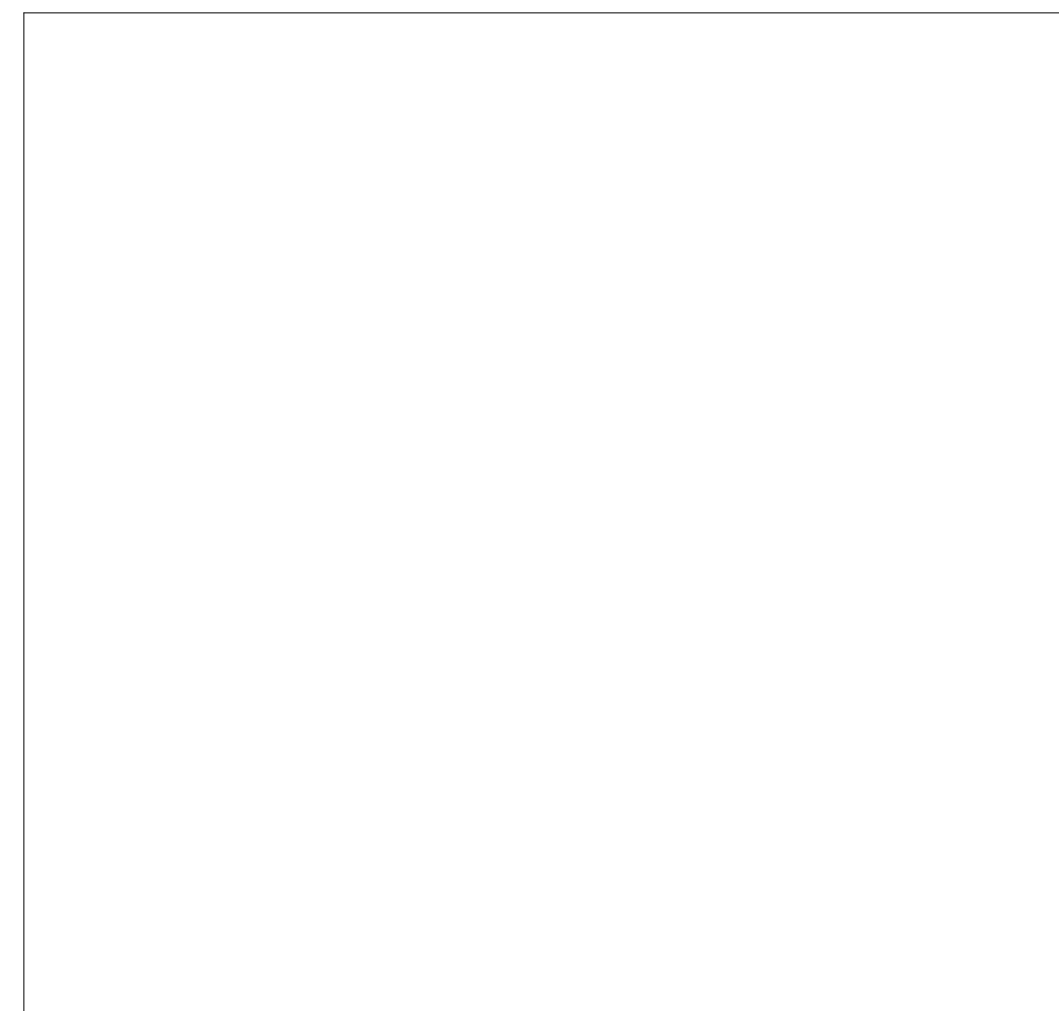
<input type="checkbox"/> FIRE SEPARATION DISTANCE: 25'-0" (EXTERIOR WALLS, PROJECTIONS, OPENINGS, AND PENETRATIONS)	NO FIRE-RESISTANCE RATING REQUIRED
<input type="checkbox"/> FIRE SEPARATION DISTANCE: 4'-0" - 5'-0" (EXTERIOR WALLS, OPENINGS, AND PENETRATIONS) PROJECTION SEPARATION DIST.: 23'-0"	NO FIRE-RESISTANCE RATING REQUIRED
<input type="checkbox"/> OPENINGS, AND PENETRATIONS	NO FIRE-RESISTANCE RATING REQUIRED
<input type="checkbox"/> EXTERIOR WALLS AND PROJECTIONS	1-HR FIRE-RESISTANCE REFER TO EAVE AND RAKE DETAILS FOR MORE INFO

SPRINKLERED

<input type="checkbox"/> FIRE SEPARATION DISTANCE: 24'-0" (EXTERIOR WALLS, OPENINGS, AND PENETRATIONS)	NO FIRE-RESISTANCE RATING REQUIRED
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VICINITY MAP

(TO BE PROVIDED BY OWNER)



SUPPORTING DOCUMENTS

ENERGY COMPLIANCE

PREPARED BY: CARSTAIRS ENERGY INC.

DATE PREPARED: 08/04/2022

JOB NUMBER: 22-051011

DEFERRED SUBMITTALS

- TRUSS DESIGN AND CALCULATIONS.
- PV SYSTEM DESIGN.
 - SLAB ON GRADE PROJECT REQUIRES A 2.01 kWdc PV SYSTEM.
 - RAISED FOUNDATION PROJECT REQUIRES A 2.11 kWdc PV SYSTEM.
 - SYSTEM SHALL BE COMPLETED PRIOR TO FINAL INSPECTION.

REQUIRED W.U.I. DETAILS

- REFER TO "W.U.I. REQUIREMENT NOTES" ON SHEET G-101.
 - ROOF DETAILS: SHEETS AD-902, AD-903, AD-904, AD-905, AND AD-906
 - VENTS: W.U.I. COMPLIANT ATTIC VENT, SEE LEGEND ON ROOF PLANS SHEET
 - EXTERIOR WALL COVERING DETAIL: SEE EXTERIOR ELEVATIONS LEGEND
 - EXTERIOR WINDOWS: "WINDOW GENERAL NOTE" #6 ON FLOOR PLANS SHEET
 - EXTERIOR DOORS: "DOOR GENERAL NOTE" #6 ON FLOOR PLANS SHEET

VERY-HIGH FIRE SEVERITY ZONE

- NO YES
- IN ACCORDANCE WITH THE 2022 CFC SECTION 4904, STRUCTURES LOCATED IN THE VERY HIGH FIRE HAZARD SEVERITY ZONE SHALL PROVIDE & MAINTAIN A FUEL MODIFICATION ZONE. FUEL MODIFICATION ZONES: THE APPLICANT SHALL PROVIDE & MAINTAIN FIRE/FUEL BREAKS TO THE SATISFACTION OF THE LOCAL FIRE DEPARTMENT. FIRE/FUEL BREAKS SHALL BE SHOWN ON THE GRADING, MAP, AND BUILDING PLANS.
 - HOMEOWNER TO PROVIDE COMPLIANT VENTS/ICC REPORT IF IN A HIGH FIRE ZONE

EXTERIOR WALL MATERIAL

- CEMENT PLASTER STUCCO
- FIBER CEMENT - BOARD AND BATTEN SIDING
- FIBER CEMENT - LAP SIDING
- FIBER CEMENT - SHINGLE SIDING

WINDOW MATERIAL ROOF MATERIAL

- VINYL COMPOSITION SHINGLES
- FIBERGLASS STANDING SEAM METAL ROOF
- WOOD CLAY ROOF TILES
- ALUMINUM CLAD WOOD

SNOW LOADING CATEGORIES

- < 65 PSF
- 66 PSF - 80 PSF
- 81 PSF - 120 PSF
- 220 PSF - 235 PSF

STYLE SELECTION

NOTE: WHEN SELECTING ONE OF THE TWO ARCHITECTURAL STYLES, PLEASE SELECT THE OPTION THAT IS THE SAME OR A SIMILAR DESIGN TO THE PRINCIPAL RESIDENCE. THE ADU BUILDING COLORS AND MATERIALS SHALL BE THE SAME OR SIMILAR TO THE PRINCIPAL RESIDENCE.

- RURAL MOUNTAIN
*STRIKE THROUGH HIGH DESERT SHEETS: A5-122/202/302 AND AD-904
- HIGH DESERT
*STRIKE THROUGH RURAL MOUNTAIN SHEETS: A5-121/201/301 AND AD-903

MONO COUNTY ADU
PROTOTYPES
MONO COUNTY
TITLE SHEET - PLAN 5

FLOOR PLAN NOTES

- 1. WEATHER BARRIERS. a. NOT FEWER THAN ONE-LAYER WATER-RESISTIVE BARRIER SHALL BE APPLIED OVER STUDS OR SHEATHING OF ALL EXTERIOR WALLS... 12. BATHTUB AND SHOWER FLOORS AND WALLS ABOVE BATHTUBS WITH INSTALLED SHOWER HEADS AND IN SHOWER COMPARTMENTS SHALL BE FINISHED WITH A NONABSORBENT SURFACE...

SITE NOTES

- 1. CALL BEFORE YOU DIG! CONTACT UNDERGROUND SERVICE ALERT (USA) AT 1-800-227-2600 AT LEAST 2 WORKING DAYS BEFORE EXCAVATING... 5. CONTRACTOR TO FIELD VERIFY EXISTING DRAINAGE... 6. EXISTING PUBLIC IMPROVEMENTS THAT ARE DAMAGED BY THE PROJECT CONSTRUCTION SHALL BE REPAIRED OR REPLACED...

ELECTRICAL NOTES

- 1. CONFORM WITH CURRENT CEC, NFPA, MFR'S, AND LOCAL REQUIREMENTS... 11. CEILING-SUSPENDED (PADDLER) FANS SHALL BE SUPPORTED INDEPENDENTLY OF AN OUTLET BOX OR BY LISTED OUTLET BOX OR OUTLET BOX SYSTEMS IDENTIFIED FOR THE USE AND INSTALLED IN ACCORDANCE WITH 2022 CEC 314.2(7)(C) THROUGH 314.2(7)(I)... 22. CEILING RECESSED DOWNLIGHT LUMINAIRES, ARE NOT REQUIRED TO COMPLY WITH REFERENCE JOINT APPENDIX JA8...

ENERGY NOTES

- 1. THE BUILDER MUST PROVIDE NEW HOMEOWNERS WITH A LUMINAIRE SCHEDULE THAT INCLUDES A LIST OF INSTALLED LAMPS AND LUMINAIRES... THE FOLLOWING ARE HIGH-EFFICACY LIGHT SOURCES PER TABLE 150.0-A: 1. LED LIGHT SOURCES INSTALLED OUTDOORS... 2. INSEPARABLE SOLID STATE LIGHTING (SSL) LUMINAIRES CONTAINING COLORED LIGHT SOURCES THAT ARE INSTALLED TO PROVIDE DECORATIVE LIGHTING...

ENERGY NOTES CONTINUED

- D. LIGHT SOURCES IN ENCLOSED OR RECESSED LUMINAIRES, LAMPS AND OTHER SEPARABLE LIGHT SOURCES THAT ARE NOT COMPLIANT WITH THE IAS ELEVATED TEMPERATURE REQUIREMENTS... 1. ALL JOINTS, PENETRATIONS AND OTHER OPENINGS IN THE BUILDING ENVELOPE THAT ARE POTENTIAL SOURCES OF AIR LEAKAGE SHALL BE CAULKED, GASKETED, WEATHER-STRIPPED OR OTHERWISE SEALED TO LIMIT INFILTRATION AND EXFILTRATION... 1. ENERGY STORAGE SYSTEM (ESS) REQUIREMENTS: IN SINGLE-FAMILY RESIDENTIAL BUILDINGS THAT INCLUDE ONE OR TWO DWELLINGS, EACH DWELLING UNIT SHALL BE PROVIDED WITH DEDICATED RACEWAYS, DESIGNATED BRANCH CIRCUITS AND ISOLATION DEVICES FOR ENERGY STORAGE SYSTEMS AS SPECIFIED IN CALIFORNIA ENERGY CODE SECTION 150.0(S)... CALIFORNIA ENERGY CODE SECTION 150.0(S)

PLUMBING NOTES

- 1. CONFORM WITH CURRENT CPC AND LOCAL REQUIREMENTS... 11. INSULATION PROTECTION. PIPE INSULATION SHALL BE PROTECTED FROM DAMAGE DUE TO SUNLIGHT, MOISTURE, EQUIPMENT MAINTENANCE AND WIND PROTECTION... 12. PIPE INSULATION EXPOSED TO WEATHER SHALL BE PROTECTED BY A COVER SUITABLE FOR OUTDOOR SERVICE... 13. WATER HEATER SHALL BE PROVIDED WITH A TEMPERATURE AND PRESSURE RELIEF VALVE... 14. HOSE BIBS SHALL HAVE APPROVED BACK FLOW PREVENTION DEVICES... 17. PER 2022 CPC 603.5.7, OUTLETS WITH HOSE ATTACHMENTS, POTABLE WATER OUTLETS WITH HOSE ATTACHMENTS, OTHER THAN WATER HEATER DRAINS, BOILER DRAINS, AND CLOTHES WASHER CONNECTIONS, SHALL BE PROTECTED BY A NONREMOVABLE HOSE BIBB TYPE BACKFLOW PREVENTER...

PROJECT GENERAL NOTES

- 1. APPLICABLE CODES AND STANDARDS: 1.1. 2022 CALIFORNIA BUILDING CODE AND ITS APPENDICES AND STANDARDS... 1.2. 2022 CALIFORNIA PLUMBING CODE AND ITS APPENDICES AND STANDARDS... 2. ALL WORK DESCRIBED IN THE DRAWINGS SHALL BE VERIFIED FOR DIMENSION, GRADE, EXTENT AND COMPATIBILITY WITH EXISTING SITE CONDITIONS... 3. DIMENSIONS SHOWN SHALL TAKE PRECEDENCE OVER DRAWING SCALE OR PROPORTION... 7. SHOP WELDS MUST BE PERFORMED BY A LICENSED FABRICATOR'S SHOP... 13. A SEPARATE OFFICER, ACCESS AGREEMENT/AGREEMENT, AND/OR STANDARD #90A, ALL TRANSVERSE DUCT PLENUM AND FITTING JOINTS SHALL BE SEALED WITH PRESSURE SENSITIVE NON-CLOTH TAPE MEETING THE REQUIREMENTS OF UL 181, 181A, OR 181B...



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MECHANICAL NOTES

- 1. CONFORM WITH CURRENT ADOPTED CRC, CMC, SMACNA, NFPA AND LOCAL REQUIREMENTS... 2. DUCTWORK: SMACNA "LOW VELOCITY DUCT CONSTRUCTION" NFPA STANDARD #90A... 3. GRILLES AND REGISTERS, DIFFUSERS, ETC. SUBJECT TO OWNERS APPROVAL... 5. BATHROOM EXHAUST FANS (BATHROOM APPLIES TO ROOMS CONTAINING BATHTUB, SHOWER, OR TUB/SHOWER COMBINATION) WHICH EXHAUST DIRECTLY FROM BATHROOMS SHALL COMPLY WITH THE FOLLOWING (2022 CEC 4.506.1):

MONO COUNTY ADU PROTOTYPES MONO COUNTY GENERAL NOTES

PUBLIC SET DATE 01/10/2024 SHEET

G-101

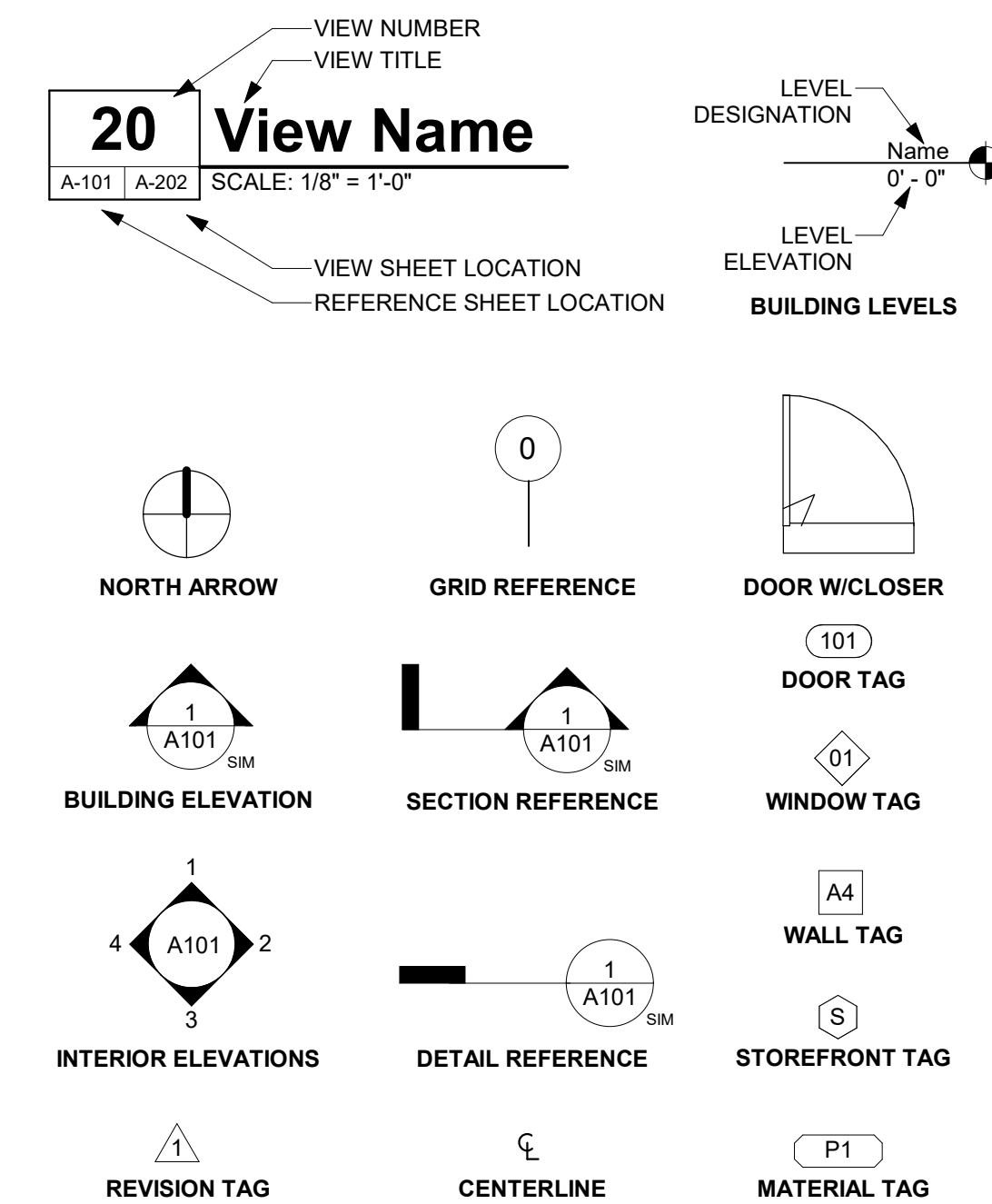


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ABBREVIATIONS

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

SYMBOLS



MONO COUNTY ADU
PROTOTYPES
MONO COUNTY

ABBREVIATIONS AND SYMBOLS

DATE
01/10/2024

SHEET

G-102

PUBLIC SET

BUILDING ENERGY ANALYSIS REPORT

PROJECT: Mono County ADU (Plan 5) Mono County, CA

Project Designer: RRM Design Group 3765 South Higuera St, Suite 102 San Luis Obispo, CA 93401 (805) 543-1794

Report Prepared by: Timothy Carstairs, CEA, HERS, GPR Carstairs Energy Inc. 2238 Bayview Heights Drive, Suite E Los Osos, CA 93402 805-904-9048



Job Number: 23-110715

Date: 11/8/2023

The EnergyPro online program has been used to perform the calculations summarized in this compliance report. This program was approved and is authorized by the California Energy Commission with the use of the 2022 Building Energy Efficiency Standards. This program developed by EnergySoft, LLC - www.energysoft.com

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Project Name: Mono County ADU (Plan 5)
Calculation Date/Time: 2023-11-07T14:22:25-08:00
Calculation Description: Title 24 Analysis
Input File Name: Mono County ADU (Plan 5) 2022.rbd22x

ENERGY DESIGN RATINGS table with columns for Energy Design Ratings and Compliance Margins. Includes rows for Standard Design and Proposed Design across various orientations.

Efficiency EDR includes improvements like a better building envelope and more efficient equipment.
Total EDR includes efficiency and demand response measures such as photovoltaic (PV) system and batteries.
Building complies when source energy, efficiency and total compliance margins are greater than or equal to zero and unmet load hour limits are not exceeded.

Registration Number: 223-P016612498A-000-000-000000-0000
Registration Date/Time: 2023-11-27 08:33:56
HERS Provider: CalCERTS Inc.
CA Building Energy Efficiency Standards - 2022 Residential Compliance
Report Version: 2022.0.000
Schema Version: rev 20220901
Report Generated: 2023-11-07 14:24:01

CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD
Project Name: Mono County ADU (Plan 5)
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Calculation Description: Title 24 Analysis
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ENERGY USE INTENSITY table with columns for Standard Design, Proposed Design, Compliance Margin, and Margin Percentage. Includes rows for North, East, South, and West Facing.

Notes:
1. Gross EUI is Energy Use Total (not including PV) / Total Building Area.
2. Net EUI is Energy Use Total (including PV) / Total Building Area.

Registration Number: 223-P016612498A-000-000-000000-0000
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ENERGY USE SUMMARY table with columns for Energy Use, Standard Design Source, Standard Design TDV Energy, Proposed Design Source, Proposed Design TDV Energy, Compliance Margin (EDR1), and Compliance Margin (EDR2).

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REQUIRED PV SYSTEMS table with columns for DC System Size, Exception, Module Type, Array Type, Power Electronics, CFI, Azimuth, Tilt, Array Angle, Tilt, Inverter Eff, Annual Solar Access. Includes sections for REQUIRED SPECIAL FEATURES and HERS FEATURE SUMMARY.

BUILDING - FEATURES INFORMATION table with columns for Project Name, Conditioned Floor Area, Number of Dwelling Units, Number of Bedrooms, Number of Zones, Number of Ventilation Cooling Systems, and Number of Water Heating Systems.

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GENERAL INFORMATION table with columns for Project Name, Run Title, Project Location, City, Zip code, Climate Zone, Building Type, Project Scope, Addition Cond. Floor Area, Existing Cond. Floor Area, Total Cond. Floor Area, ADU Bedroom Count, Fuel Type, Standards Version, Software Version, Front Orientation, All orientations, Number of Dwelling Units, Number of Bedrooms, Number of Stories, Fenestration Average U-factor, Glazing Percentage, ADU Conditioned Floor Area, No Dwelling Unit.

COMPLIANCE RESULTS table with columns for Building Complies with Computer Performance, This building incorporates features that require field testing and/or verification by a certified HERS rater under the supervision of a CEC-approved HERS provider, This building incorporates one or more Special Features shown below.

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ENERGY USE SUMMARY table with columns for Energy Use, Standard Design Source, Standard Design TDV Energy, Proposed Design Source, Proposed Design TDV Energy, Compliance Margin (EDR1), and Compliance Margin (EDR2).

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Calculation Description: Title 24 Analysis
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ZONE INFORMATION table with columns for Zone Name, Zone Type, HVAC System Name, Zone Floor Area, Avg. Ceiling Height, Water Heating System 1, Status. Includes sections for OPAQUE SURFACES, ATTIC, and FENESTRATION / GLAZING.

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MONO COUNTY ADU
PROTOTYPES
MONO COUNTY
ENERGY COMPLIANCE - PLAN 5 -
SLAB ON GRADE

DATE
01/10/2024

SHEET

T24-A501

2022 Single-Family Residential Mandatory Requirements Summary

Table with 2 columns: Code Reference and Requirement Description. Includes sections for Air Leakage, Fenestration, Slab Floors, and Opaque Surface Constructions.

2022 Single-Family Residential Mandatory Requirements Summary

Table with 2 columns: Code Reference and Requirement Description. Includes sections for Pilot Lights, Building Cooling and Heating Loads, and Water Heating Systems.

2022 Single-Family Residential Mandatory Requirements Summary

Table with 2 columns: Code Reference and Requirement Description. Includes sections for Ventilation and Indoor Air Quality, and Lighting.

Table with 14 columns: 01-14. Headers: Name, Type, Surface, Orientation, Azimuth, Width (ft), Height (ft), Mult., Area (ft²), U-factor, U-factor Source, SHGC, SHGC Source, Exterior Shading.

Table with 8 columns: 01-08. Headers: Name, Zone, Area (ft²), Perimeter (ft), Edge Insul. R-value and Depth, Edge Insul. R-value and Depth, Carpeted Fraction, Heated.

Table with 8 columns: 01-08. Headers: Construction Name, Surface Type, Construction Type, Framing, Total Cavity R-value, Interior/Exterior Continuous R-value, U-factor, Assembly Layers.

Registration Number: 223-P016612486A-000-000-0000000-0000 Registration Date/Time: 2023-11-27 08:33:56 HERS Provider: CaCERTS, Inc. CA Building Energy Efficiency Standards - 2022 Residential Compliance Report Version: 2022.0.000 Schema Version: rev 20220901

Table with 8 columns: 01-08. Headers: Construction Name, Surface Type, Construction Type, Framing, Total Cavity R-value, Interior/Exterior Continuous R-value, U-factor, Assembly Layers.

Table with 5 columns: 01-05. Headers: Quality Insulation Installation (QII), High R-value Spray Foam Insulation, Building Envelope Air Leakage, CFM50, CFMSO.

Table with 9 columns: 01-09. Headers: Name, System Type, Distribution Type, Water Heater Name, Number of Units, Solar Heating System, Compact Distribution, HERS Verification, Water Heater Name (#).

Table with 8 columns: 01-08. Headers: Name, # of Units, Tank Vol. (gal), NEEA Heat Pump Brand, NEEA Heat Pump Model, Tank Location, Duct Inlet Air Source, Duct Outlet Air Source.

Registration Number: 223-P016612486A-000-000-0000000-0000 Registration Date/Time: 2023-11-27 08:33:56 HERS Provider: CaCERTS, Inc. CA Building Energy Efficiency Standards - 2022 Residential Compliance Report Version: 2022.0.000 Schema Version: rev 20220901

Table with 7 columns: 01-07. Headers: Name, Pipe Insulation, Parallel Piping, Compact Distribution, Compact Distribution Type, Recirculation Control, Shower Drain Water Heat Recovery.

Table with 9 columns: 01-09. Headers: Name, System Type, Heating Unit Name, Heating Equipment Count, Cooling Unit Name, Cooling Equipment Count, Fan Name, Distribution Name, Required Thermostat Type.

Table with 13 columns: 01-13. Headers: Name, System Type, Number of Units, Heating Efficiency Type, HSPF/H5 P2/ COP, Cap 47, Cap 17, Cooling Efficiency Type, SEER/SE EER/ EER/SEER, Zonally Controlled, Compressor Type, HERS Verification.

Table with 9 columns: 01-09. Headers: Name, Verified airflow, Airflow Target, Verified EER/SEER, Verified Refrigerant Charge, Verified HSPF/H5P2, Verified Heating Cap 47, Verified Heating Cap 17.

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Table with 10 columns: 01-10. Headers: Name, Certified Low-Static VCHP System, Airflow to Habitable Rooms, Ductless Units in Conditioned Space, Wall Mount Thermostat, Air Filter Sizing, Low Leakage Ducts in Conditioned Space, Minimum Airflow per RA3.3 and SC3.3.4.1, Certified non-continuous Fan, Indoor Fan not Running Continuously.

Table with 9 columns: 01-09. Headers: Dwelling Unit, Airflow (CFM), Fan Efficacy (W/CFM), IAQ Fan Type, Includes Heat/Energy Recovery?, IAQ Recovery Effectiveness - SRE/ASRE, Includes Fault Indicator Display?, HERS Verification, Status.

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Table with 2 columns: Documentation Author Name and Signature. Includes contact information for Timothy Carstairs at Carstairs Energy Inc.

Responsible Person's Declaration Statement. I, the undersigned, certify that the information provided in this Certificate of Compliance is true and accurate to the best of my knowledge and belief.

Registration Number: 223-P016612486A-000-000-0000000-0000 Registration Date/Time: 2023-11-27 08:33:56 HERS Provider: CaCERTS, Inc. CA Building Energy Efficiency Standards - 2022 Residential Compliance Report Version: 2022.0.000 Schema Version: rev 20220901

RESIDENTIAL MEASURES SUMMARY table. Includes sections for INSULATION, FENESTRATION, HVAC SYSTEMS, and WATER HEATING. Includes a QR code for verification.



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2022 Single-Family Residential Mandatory Requirements Summary

Table of 2022 Single-Family Residential Mandatory Requirements Summary. Columns include code number and description. Codes range from § 150.001G to § 150.006E.

5/6/22



2022 Single-Family Residential Mandatory Requirements Summary

Table of 2022 Single-Family Residential Mandatory Requirements Summary. Columns include code number and description. Codes range from § 150.00a to § 150.00f.

*Exceptions may apply.

5/6/22

ROOM LOAD SUMMARY

Summary table for Room Load Summary. Columns: Title, Date, System Name, Floor Area.

ROOM LOAD SUMMARY

Main table for Room Load Summary. Columns: Zone Name, Room Name, Multi., CFM, Latent, Sensible, COIL COOLING PEAK, COIL HTG. PEAK, COIL COOLING PEAK, COIL HTG. PEAK. Includes a summary row for PAGE TOTAL.

* Total includes ventilation load for zonal systems.



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BUILDING ENERGY ANALYSIS REPORT

PROJECT: Mono County ADU (Plan 5) Mono County, CA

Project Designer: RRM Design Group 3765 South Higuera St, Suite 102 San Luis Obispo, CA 93401 (805) 543-1794

Report Prepared by: Timothy Carstairs, CEA, HERS, GPR Carstairs Energy Inc. 2238 Bayview Heights Drive, Suite E Los Osos, CA 93402 805-904-9048



Job Number: 22-051011 Date: 11/20/2023

This Energy Performance Report has been created by performing the calculations, summarized in the compliance report. This program has approval and is authorized by the California Energy Commission for use with both the Residential and Commercial 2022 Building Energy Efficiency Standards. The program developed by EnergySoft, LLC - www.energysoft.com

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Project Name: Mono County ADU (Plan 5) Calculation Date/Time: 2023-11-20T07:35:32-08:00 (Page 2 of 12)
Calculation Description: Title 24 Analysis Input File Name: Mono County ADU (Plan 5)(raised foundation) 2022.rbd22x

ENERGY DESIGN RATINGS table with columns for Energy Design Ratings (Source Energy, Efficiency EDR, Total EDR) and Compliance Margins (Source Energy, Efficiency EDR, Total EDR) for Standard Design and Proposed Design.

Registration Number: 223-P016617250A-000-0000000-0000 Registration Date/Time: 2023-11-27 08:34:10 HERS Provider: CalCERTS, Inc.
CA Building Energy Efficiency Standards - 2022 Residential Compliance Report Version: 2022.0.000 Schema Version: rev 20220901 Report Generated: 2023-11-20 07:37:14

CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD CF1R-PRF-01E
Project Name: Mono County ADU (Plan 5) Calculation Date/Time: 2023-11-20T07:35:32-08:00 (Page 5 of 12)
Calculation Description: Title 24 Analysis Input File Name: Mono County ADU (Plan 5)(raised foundation) 2022.rbd22x

ENERGY USE INTENSITY table with columns for Standard Design, Proposed Design, Compliance Margin, and Margin Percentage for North, East, South, and West Facing areas.

Notes: 1. Gross EUI is Energy Use Total (not including PV) / Total Building Area. 2. Net EUI is Energy Use Total (including PV) / Total Building Area.
Registration Number: 223-P016617250A-000-0000000-0000 Registration Date/Time: 2023-11-27 08:34:10 HERS Provider: CalCERTS, Inc.
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ENERGY USE SUMMARY table with columns for Energy Use, Standard Design Source Energy, Standard Design TDV Energy, Proposed Design Source Energy, Proposed Design TDV Energy, Compliance Margin (EDR1), and Compliance Margin (EDR2).

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REQUIRED PV SYSTEMS table with columns for DC System Size, Exception, Module Type, Array Type, Power Electronics, CFI, Azimuth, Tilt, Array Angle, Tilt, Inverter Eff, Annual Solar Access.
REQUIRED SPECIAL FEATURES table with columns for Features like Indoor air quality, balanced fan, IAQ Ventilation System, etc.
HERS FEATURE SUMMARY table with columns for Features like Indoor air quality ventilation, Kitchen range hood, etc.
BUILDING - FEATURES INFORMATION table with columns for Project Name, Conditioned Floor Area, Number of Dwelling Units, Number of Bedrooms, Number of Zones, Number of Ventilation Cooling Systems, Number of Water Heating Systems.

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GENERAL INFORMATION table with columns for Project Name, Run Title, Project Location, City, Zip code, Climate Zone, Building Type, Project Scope, Addition Cond. Floor Area, Existing Cond. Floor Area, Total Cond. Floor Area, ADU Bedroom Count, Fuel Type, Standards Version, Software Version, Front Orientation, Number of Dwelling Units, Number of Bedrooms, Number of Stories, Fenestration Average U-factor, Glazing Percentage, ADU Conditioned Floor Area, No Dwelling Unit.

COMPLIANCE RESULTS table with columns for Building Complies with Computer Performance, This building incorporates features that require field testing and/or verification by a certified HERS rater under the supervision of a CEC-approved HERS provider, This building incorporates one or more Special Features shown below.

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ENERGY USE SUMMARY table with columns for Energy Use, Standard Design Source Energy, Standard Design TDV Energy, Proposed Design Source Energy, Proposed Design TDV Energy, Compliance Margin (EDR1), and Compliance Margin (EDR2).

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ZONE INFORMATION table with columns for Zone Name, Zone Type, HVAC System Name, Zone Floor Area, Avg. Ceiling Height, Water Heating System, Status.
OPAQUE SURFACES table with columns for Name, Zone, Construction, Azimuth, Orientation, Gross Area, Window and Door Area, Tilt.

ATTC table with columns for Name, Construction, Type, Roof Rise, Roof Reflectance, Roof Emittance, Radiant Barrier, Cool Roof.

FENESTRATION / GLAZING table with columns for Name, Type, Surface, Orientation, Azimuth, Width, Height, Mult, Area, U-factor, U-factor Source, SHGC, SHGC Source, Exterior Shading.

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MONO COUNTY ADU PROTOTYPES MONO COUNTY ENERGY COMPLIANCE - PLAN 5 - RAISED FOUNDATION

PUBLIC SET DATE: 01/10/2024 SHEET: T24-B501

2022 Single-Family Residential Mandatory Requirements Summary

Mandatory requirements for buildings subject to the Energy Code must comply with all applicable mandatory measures, regardless of the compliance approach used. Review the respective section for more information.

Table with 2 columns: Code Section and Description. Includes sections like 110.0(a)(1) through 110.0(h)(1) covering energy efficiency, lighting, and HVAC requirements.

2022 Single-Family Residential Mandatory Requirements Summary

Table with 2 columns: Code Section and Description. Includes sections like 110.0(i) through 110.0(l)(1) covering energy efficiency, lighting, and HVAC requirements.

2022 Single-Family Residential Mandatory Requirements Summary

Table with 2 columns: Code Section and Description. Includes sections like 150.0(m)(1) through 150.0(m)(14) covering energy efficiency, lighting, and HVAC requirements.

PUBLIC SET

DATE 01/10/2024

SHEET

T24-B502

MONO COUNTY ADU PROTOTYPES MONO COUNTY ENERGY COMPLIANCE - PLAN 5 - RAISED FOUNDATION



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CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD. Project Name: Mono County ADU (Plan 5). Calculation Date/Time: 2023-11-20T07:35:32-08:00. Input File Name: Mono County ADU (Plan 5)(raised foundation) 2022_rbd22x. Includes tables for Fenestration/Glazing, Opaque Doors, and Opaque Surface Constructions.

CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD. Project Name: Mono County ADU (Plan 5). Calculation Date/Time: 2023-11-20T07:35:32-08:00. Input File Name: Mono County ADU (Plan 5)(raised foundation) 2022_rbd22x. Includes tables for Variable Capacity Heat Pump Compliance Option - HERS Verification, Indoor Air Quality (IAQ) Fans, and Indoor Air Quality (IAQ) Fans.

CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD. Project Name: Mono County ADU (Plan 5). Calculation Date/Time: 2023-11-20T07:35:32-08:00. Input File Name: Mono County ADU (Plan 5)(raised foundation) 2022_rbd22x. Includes tables for Fenestration/Glazing, Opaque Doors, and Opaque Surface Constructions.

CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD. Project Name: Mono County ADU (Plan 5). Calculation Date/Time: 2023-11-20T07:35:32-08:00. Input File Name: Mono County ADU (Plan 5)(raised foundation) 2022_rbd22x. Includes tables for Opaque Surface Constructions, Building Envelope - HERS Verification, Water Heating Systems, and Water Heaters - NEEA Heat Pump.

CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD. Project Name: Mono County ADU (Plan 5). Calculation Date/Time: 2023-11-20T07:35:32-08:00. Input File Name: Mono County ADU (Plan 5)(raised foundation) 2022_rbd22x. Includes tables for Documentation Author's Declaration Statement, Responsible Person's Declaration Statement, and HVAC Systems.

CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD. Project Name: Mono County ADU (Plan 5). Calculation Date/Time: 2023-11-20T07:35:32-08:00. Input File Name: Mono County ADU (Plan 5)(raised foundation) 2022_rbd22x. Includes tables for Fenestration/Glazing, Opaque Doors, and Opaque Surface Constructions.

2022 Single-Family Residential Mandatory Requirements Summary

Table with 2 columns: Code Section and Description. Includes sections like 150.0(m)(1) through 150.0(m)(14) covering energy efficiency, lighting, and HVAC requirements.

CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD. Project Name: Mono County ADU (Plan 5). Calculation Date/Time: 2023-11-20T07:35:32-08:00. Input File Name: Mono County ADU (Plan 5)(raised foundation) 2022_rbd22x. Includes tables for Water Heating - HERS Verification, Space Conditioning Systems, HVAC - Heat Pumps, and HVAC Heat Pumps - HERS Verification.

CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD. Project Name: Mono County ADU (Plan 5). Calculation Date/Time: 2023-11-20T07:35:32-08:00. Input File Name: Mono County ADU (Plan 5)(raised foundation) 2022_rbd22x. Includes tables for Documentation Author's Declaration Statement, Responsible Person's Declaration Statement, and HVAC Systems.

CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD. Project Name: Mono County ADU (Plan 5). Calculation Date/Time: 2023-11-20T07:35:32-08:00. Input File Name: Mono County ADU (Plan 5)(raised foundation) 2022_rbd22x. Includes tables for Fenestration/Glazing, Opaque Doors, and Opaque Surface Constructions.

PUBLIC SET

DATE 01/10/2024

SHEET

T24-B502



2022 Single-Family Residential Mandatory Requirements Summary

§ 150.00(S) **Swamp-based luminaires:** Swamp-based luminaires must contain lenses that comply with **Roberson, Kent, Hopkins, US**.

§ 150.00(H) **Light Sources in Fixtures or Recessed Luminaires:** Lenses and other opaque light sources that are not compliant with the IESNA Illuminance and Temperature requirements, including marking requirements, must not be installed in enclosed or recessed luminaires.

§ 150.00(I) **Light Sources in Drawers, Cabinets, and Line Closets:** Light sources internal to drawers, cabinets or linen closets are not required to comply with Table 150.0A or be controlled by vacancy sensors provided that they are rated to consume no more than 5 watts of power, emit no more than 150 lumens, and are equipped with controls that automatically turn the lighting off when the drawer, cabinet or linen closet is closed.

§ 150.00(JA) **Interior Switches and Controls:** All forward phase cut dimmers used with LED light sources must comply with **NEHA SSS, 7A**.

§ 150.00(JA) **Accessible Controls:** Lighting must have readily accessible walk-mounted controls that allow the lighting to be manually turned on and off.

§ 150.00(JB) **Emergency Lighting:** Emergency lighting must be installed in accordance with **IFGC, 10.4.1**.

§ 150.00(JC) **Mandatory Requirements:** Lighting controls must comply with the applicable requirements of § 110.9.

§ 150.00(K) **Energy Management Control Systems:** An energy management control system (EMCS) may be used to comply with dimming, occupancy, and control requirements if it provides the functionality of the specified control per § 110.9 and the physical controls specified must be controlled by an occupancy or vacancy sensor providing automatic-off functionality. Lighting inside drawers and cabinets with automatic dimming controls shall be manually adjustable up and down. Forward phase cut dimmers must have readily accessible walk-mounted dimming controls that allow the lighting to be manually adjusted up and down. Forward phase cut dimmers controlling LED light sources shall be manually adjustable up and down.

§ 150.00(K) **Automatic Shutoff Controls:** In bathrooms, garages, laundry rooms, utility rooms and walk-in closets, at least one installed luminaire must be controlled by an occupancy or vacancy sensor providing automatic-off functionality. Lighting inside drawers and cabinets with automatic dimming controls shall be manually adjustable up and down. Forward phase cut dimmers must have readily accessible walk-mounted dimming controls that allow the lighting to be manually adjusted up and down. Forward phase cut dimmers controlling LED light sources shall be manually adjustable up and down.

§ 150.00(K) **Interconnectivity:** Interconnectivity of devices shall be controlled independently from the base. Lighting under cabinets or shelves, lighting in display cabinets, and switched outlets must be controlled separately from ceiling-installed lighting.

§ 150.00(KA) **Residential Outdoor Lighting:** For single-family residential buildings, outdoor lighting permanently mounted to a residential building, or to a detached garage, must be controlled by an occupancy or vacancy sensor providing automatic-off functionality. For single-family residential buildings with an astronomical time clock, an energy management control system that provides the specified control functionality and meets all applicable requirements may be used to meet these requirements.

§ 150.00(KB) **Residential Garages for Eight or More Vehicles:** Lighting for residential parking garages for eight or more vehicles must comply with the applicable requirements for residential garages in § 110.9, 150.0, 150.1, 150.4, 140.6, and 141.0.

Star Requirements: Single-family residences located in subdivisions with 10 or more single-family residences and where the application for a tentative subdivision map for the residences has been deemed complete and approved by the enforcement agency, must comply with the applicable requirements of this section. When an automatic fire alarm system is installed, the system must comply with the requirements of § 110.10(B)(1). When an automatic fire alarm system is installed, the system must comply with the requirements of § 110.10(B)(1). Access, pathway, smoke ventilation, and spacing requirements as specified in Title 24, Part 9 or other parts of Title 24, or in any other applicable code, shall apply to the installation of fire alarm systems. The solar zone total area must be composed of areas that have no dimension less than 5 feet, and the total area must be no less than 10,000 square feet. For single-family residences, the solar zone must be located on the roof or overhang of the building and have a total area no less than 250 square feet.

§ 110.10(B) **Awnings:** All sections of the solar zone located on steep-sloped roofs must have an awning between 90°/300° of true north.

§ 110.10(B)(A) **Shading:** The solar zone must not contain any obstructions, including but not limited to, vents, chimneys, architectural features, and roof-mounted equipment.

§ 110.10(B)(B) **Obstructions:** The solar zone must not contain any obstructions, including but not limited to, vents, chimneys, architectural features, and roof-mounted equipment.

§ 110.10(B)(C) **Horizontal Distance:** The horizontal distance of the least difference between the highest point of the obstruction and the horizontal projection of the nearest point of the solar zone, measured in the vertical plane, shall be no less than 10 feet.

§ 110.10(B)(D) **Interconnection Pathways:** The construction documents must indicate a location reserved for inverters and metering equipment and a pathway reserved for routing or conduit from the solar zone to the point of interconnection with the service to be used and for single-family residences with a solar zone located on a steeply sloped roof, the pathway reserved for routing or conduit from the solar zone to the point of interconnection with the service to be used and for single-family residences with a solar zone located on a steeply sloped roof must be clearly indicated on the construction documents.

§ 110.10(C) **Documentation:** A copy of the construction documents or a comparable document indicating the information from § 110.10(B)(C) must be provided to the occupant.

§ 110.10(D) **Main Electrical Service Panel:** The main electrical service panel must have a minimum number rating of 200 amps.

§ 110.10(D)(1) **Electric Cooktop Ready:** The main electrical service panel must have a reserved space to allow for the installation of a double pole circuit breaker for a future solar electric installation. The reserved space must be permanently marked as "For Future Solar Electric".

§ 110.10(D)(2) **Electric Clothes Dryer Ready:** Clothes dryer locations with gas or propane cooking to serve individual dwelling units must include: A dedicated unobstructed 240V branch circuit wiring installed within 3' of the dryer location with circuit conductors rated at least 30 amps with a circuit breaker for a future solar electric installation. The reserved space must be permanently marked as "For Future Solar Electric".

Electric and Energy Storage Ready.

5/6/22



2022 Single-Family Residential Mandatory Requirements Summary

§ 150.00(A) **Energy Storage System (ESS) Ready:** All single-family residences must meet all of the following: Either ESS-ready interconnection equipment with a backup up capacity of 60 amps or more and four or more ESS-applied branch circuits, or a dedicated roadway from the main service to a subpanel that supplies the branch circuits in § 150.00(A), at least four branch circuits must be identified and have their own dedicated branch circuits, and the branch circuits must be protected by overcurrent protection devices (OCPDs) with a minimum rating of 225 amps. Sufficient space must be reserved to allow future installation of a system solution equipment/transfer switch within 3' of the main service panel.

§ 150.00(A) **Heat Pump Space Heater Ready:** Systems using gas or propane cooking to serve individual dwelling units must include: A dedicated unobstructed 240V branch circuit wiring installed within 3' of the furnace with circuit conductors rated at least 30 amps with the blank cover identified as "240V ready", and a reserved main electrical service panel space to allow for the installation of a double pole circuit breaker for a future solar electric installation. The reserved space must be permanently marked as "For Future Solar Electric".

§ 150.00(A) **Electric Cooktop Ready:** Systems using gas or propane cooking to serve individual dwelling units must include: A dedicated unobstructed 240V branch circuit wiring installed within 3' of the cooktop with circuit conductors rated at least 30 amps with a circuit breaker for a future solar electric installation. The reserved space must be permanently marked as "For Future Solar Electric".

§ 150.00(A) **Electric Clothes Dryer Ready:** Clothes dryer locations with gas or propane cooking to serve individual dwelling units must include: A dedicated unobstructed 240V branch circuit wiring installed within 3' of the dryer location with circuit conductors rated at least 30 amps with a circuit breaker for a future solar electric installation. The reserved space must be permanently marked as "For Future Solar Electric".

*Exceptions may apply.

5/6/22

ROOM LOAD SUMMARY		Date		Floor Area							
Process Name		11/20/2023		1,033							
System Name		Mono County ADU (Plan 5)		1,033							
HVAC System		1,033		1,033							
ROOM LOAD SUMMARY		1,033		1,033							
Zone Name	Room Name	Multi.	CFM	Sensible	Latent	CFM	Sensible	Latent	CFM	Sensible	Latent
Living Area	1st Floor ADU	1	427	7,272	-105	427	7,272	-105	427	7,272	-105
				PAGE TOTAL		427		7,272		-105	
				TOTAL		427		7,272		-105	
						14,935				14,935	

Total includes ventilation load for central systems.

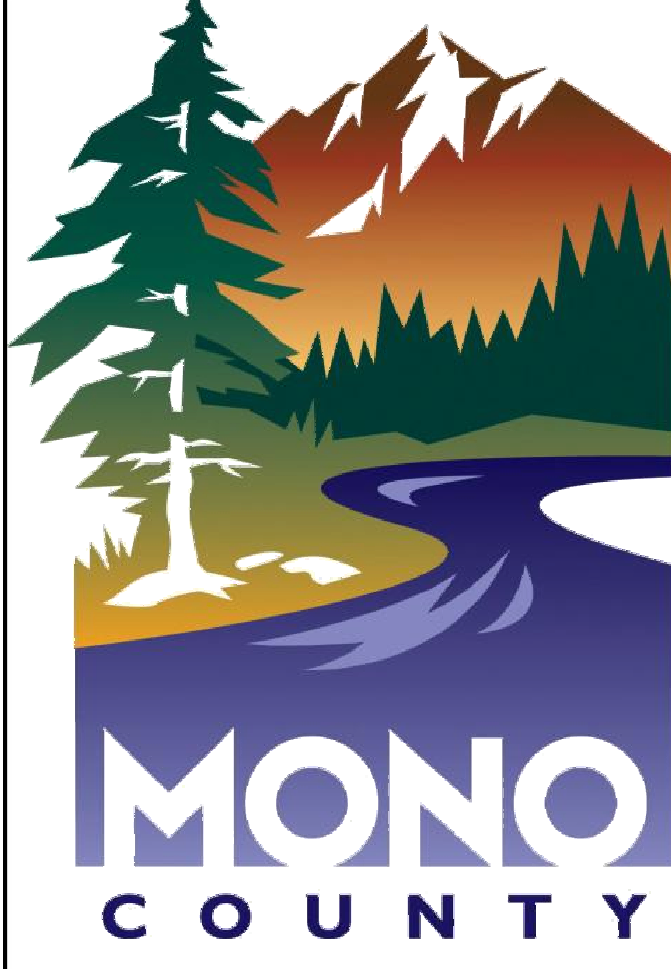
PUBLIC SET

DATE
01/10/2024

SHEET

T24-B503

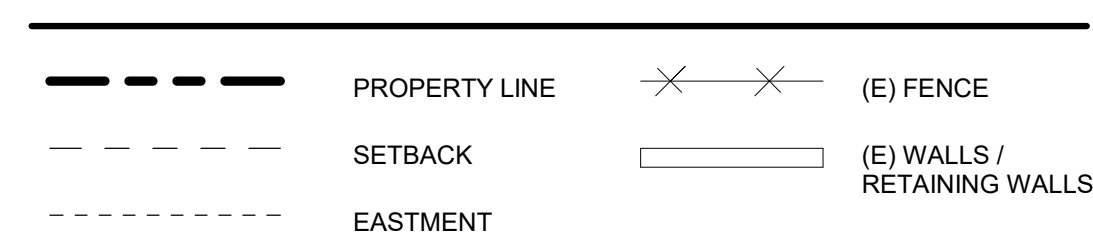
MONO COUNTY ADU
PROTOTYPES
MONO COUNTY
ENERGY COMPLIANCE - PLAN 5 -
RAISED FOUNDATION



THESE PLANS ARE PROVIDED BY MONO COUNTY 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.

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
- EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL OPEN DIRECTLY INTO A PUBLIC WAY PER 2022 CBC, SECTION 310.1.
- NOT LESS THAN 30" OF CLEARANCE IN WIDTH, DEPTH, & HEIGHT SHALL BE PROVIDED TO ACCESS EXTERIOR MECHANICAL EQUIPMENT. SHOW LOCATION ON SITE PLAN & LABEL (2022 CMC SECTION 304.1 & 2022 CPC 504.3).

SITE PLAN CHECKLIST

IF (N) 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, FIRE RATED WALL & ROOF REQUIRED PER 2022 CBC, CHAPTER 2. SEE DETAILS: 52/A-901 & 32/A-903

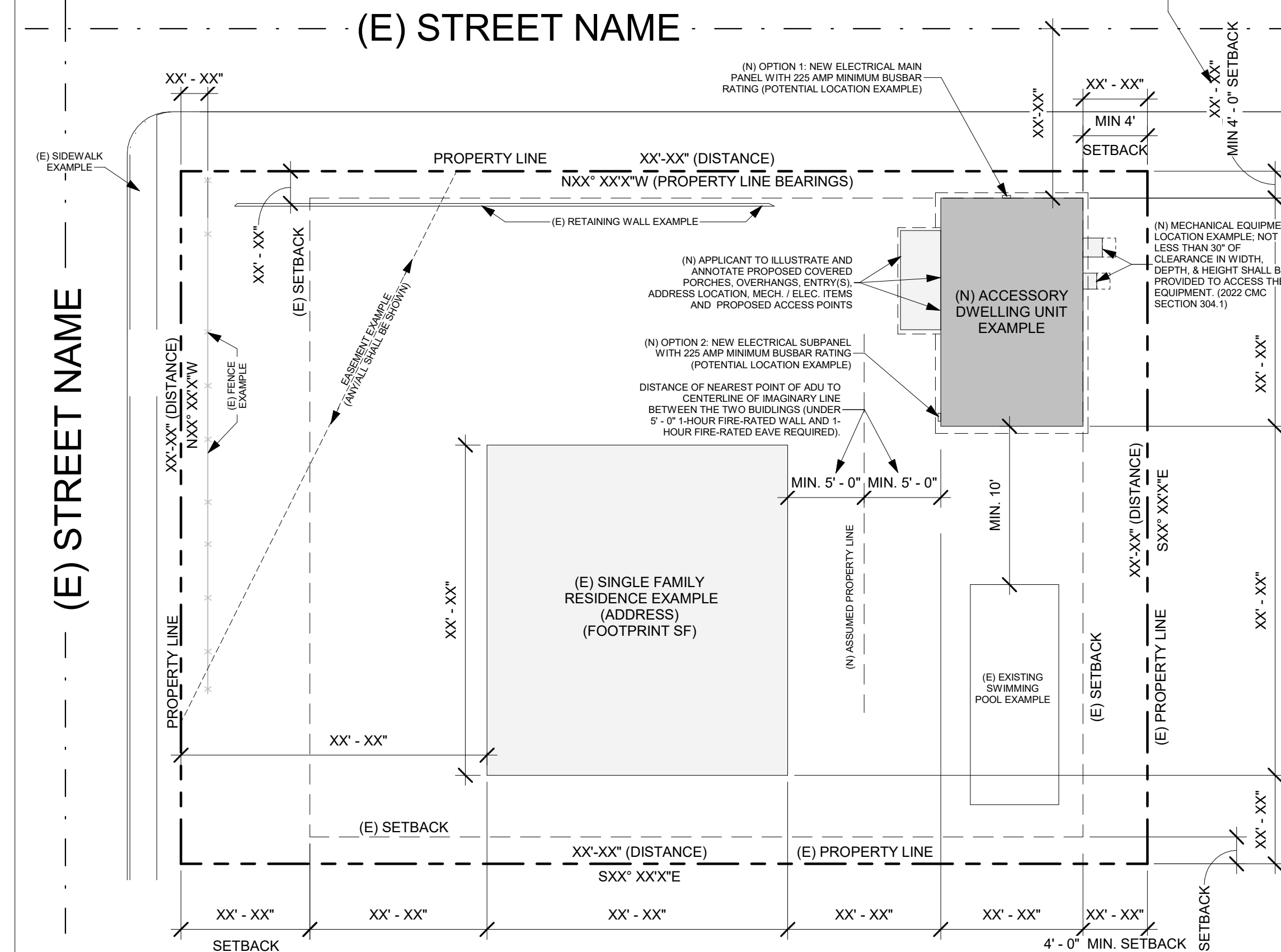
ELECTRICAL PANEL: **OPTION 1 -** NEW ELECTRICAL MAIN PANEL WITH 225 AMP MINIMUM BUSBAR RATING
 OPTION 2 - A NEW ELECTRICAL SUBPANEL CONNECTS TO THE ELECTRICAL MAIN PANEL OF THE PRIMARY HOME WITH A 225 AMP MINIMUM BUSBAR RATING. A SEPARATE ELECTRICAL PERMIT SHALL BE PULLED FOR THE ELECTRICAL MAIN PANEL OF THE PRIMARY HOME. ELECTRICAL LOAD CALCULATIONS IS REQUIRED.

- 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").
- EASEMENTS**
REFER TO LEGEND. MUST INCLUDE ALL APPLICABLE EASEMENTS. PROPOSED STRUCTURE SHALL 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**
- DIMENSION BUILDING SEPARATION**
DIMENSION THE DISTANCE BETWEEN THE PROPOSED ADU AND ANY EXISTING STRUCTURES
- 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' 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**
PROPOSED UTILITIES SHALL CONFORM TO REQUIREMENTS OF CONTRA COSTA COUNTY SANITARY DISTRICT - 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.



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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



MONO COUNTY ADU PROTOTYPES
 MONO COUNTY
 SITE PLAN INSTRUCTIONS & EXAMPLE

SITE PLAN

SCALE:



1 EXAMPLE SITE PLAN
 AS-101 SCALE: 1" = 20'-0"

DATE
01/10/2024

SHEET
AS-101



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KEYNOTES

- A05 REFRIGERATOR LOCATION PER OWNER. PROVIDE ROUGH PLUMBING FOR ICE MAKER (RECESS IN WALL).
- A06 STACKED WASHER/DRYER MACHINE LOCATION. PROVIDE WASTE AND WATER IN RECESSED WALL BOX. PROVIDE DRYER VENT. VENT TO OUTSIDE AIR.
- A12 24" WIDE FREE STANDING ELECTRIC RANGE OVEN. PROVIDE VENT HOOD. VENT TO EXTERIOR. STAINLESS STEEL.
- A15 FRONT LOADING WASHER. PROVIDE WASTE AND WATER IN RECESSED WALL BOX.
- A16 MICROWAVE OVER RANGE.
- A19 FRONT LOADING DRYER W/ RECESSED DRYER VENT BOX. PROVIDE DRYER VENT. VENT TO OUTSIDE AIR.
- B01 30" 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.
- B06 30" x 60" x 72" TUB AND SHOWER COMBINATION. FIBER-CEMENT BACKER SHALL BE USED AS A BASE FOR CERAMIC WALL TILES IN TUB/SHOWER AREA. GREEN BOARD SHALL NOT BE USED. MODEL BY BUILDER. PROVIDE SHOWER ROD.
- B14 50 GALLON TANK TYPE ELECTRIC WATER HEATER. REFER TO TITLE 24 FOR ADDITIONAL INFORMATION.
- B18 EXTERIOR RATED ELECTRIC SUB PANEL 80 AMP 120/240 VOLT. CONTRACTOR TO VERIFY MAIN PANEL.
- B38 WALL-MOUNTED MULTI-ZONE HEAT PUMP CONDENSING UNIT. REFER TO PLANS FOR LOCATION OF INDOOR FAN COIL UNITS. REFER TO TITLE 24 FOR ADDITIONAL INFORMATION.
- B41 FAN COIL. REFER TO PLANS FOR LOCATION OF OUTDOOR CONDENSING UNIT. PROVIDE CONDENSATE DRAIN TO EXTERIOR PER MANUF. REFER TO TITLE 24 FOR ADDITIONAL INFORMATION. PROVIDE OUTLET.
- B43 ACCESSIBLE WALL MOUNTED LAVATORY SINK. MAX HEIGHT 34". REFER TO WATER EFFICIENCY REQUIREMENTS ON CALGREEN CODE NOTES SHEETS.
- C01 SINGLE WOOD SHELF AND POLE.
- C08 12" DEEP UPPER CABINET.
- C10 24" DEEP UPPER CABINET.
- C11 34 1/2" ISLAND BASE CABINET WITH COUNTER TOP.
- C12 34 1/2" HIGH BASE CABINET AND COUNTERTOP.
- G02 AT ISLAB ON GRADE CONCRETE FLATWORK. 1/4" FT SLOPE AWAY FROM BUILDING. AT [RAISED FOUNDATION] 2X COMPOSITE IGNITION RESISTANT DECKING, TREX OR EQUAL, OVER 4X6 PT WOOD JOISTS @ 16" O.C. REFER TO DETAILS 41, 51, 52, 54 SHEET AD-902.

WINDOW GENERAL NOTES

1. REFER TO GENERAL NOTES ON SHEET G-101 FOR ADDITIONAL REQUIREMENTS.
2. REFER TO FLOOR PLANS FOR WINDOW LOCATIONS.
3. CONTRACTOR TO VERIFY EXACT ROUGH OPENING SIZES PRIOR TO FABRICATION OF ROUGH OPENINGS.
4. INSTALL PER MANUFACTURERS WRITTEN INSTRUCTIONS.
5. REFER TO ENERGY COMPLIANCE REPORTS FOR U-FACTOR, SHGC AND ADDITIONAL WINDOW REQUIREMENTS.
6. ALL GLAZING IS DOUBLE PANE WITH A MINIMUM OF ONE TEMPERED PANE OR TO BE 20-MINUTE FIRE-RESISTANCE RATING. (LISTED AND APPROVED ASSEMBLY).
7. 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".

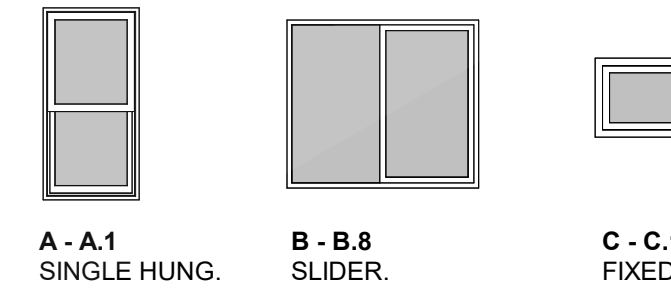
WINDOW REMARKS

1. REQUIRED EGRESS WINDOW. REFER TO GENERAL NOTE #7 FOR ADDITIONAL INFORMATION.
2. HAZARDOUS LOCATION. WINDOW INCLUDES BOTH PANES TEMPERED GLAZING.
3. HIGH WINDOW. REFER TO ELEVATIONS FOR LOCATION.

WINDOW SCHEDULE

NO.	TYPE	COUNT	SIZE		HEAD HEIGHT	REMARKS
			WIDTH	HEIGHT		
PLAN 5	A.1	2	2'-0"	3'-0"	6'-8"	
PLAN 5	B	4	4'-0"	4'-0"	6'-8"	
PLAN 5	B.3	2	4'-6"	4'-0"	6'-8"	1

WINDOW LEGEND



FLOOR PLAN GENERAL NOTES

1. REFER TO GENERAL NOTES SHEET G-101 AND G-102 FOR ADDITIONAL REQUIREMENTS.
2. REFER TO STRUCTURAL PLANS FOR FURTHER INFORMATION.
3. REFER TO ELECTRICAL PLANS FOR FURTHER INFORMATION IF PROVIDED.
4. REFER TO MECHANICAL PLANS, DRAWINGS OR REPORTS FOR FURTHER INFORMATION.
5. ALL FURNITURE AND EQUIPMENT IS BY OWNER AND IS SHOWN FOR COORDINATION PURPOSES ONLY.
6. DIMENSIONS ARE TO FACE OF FRAMING UNLESS SPECIFICALLY NOTED OTHERWISE.
7. PROVIDE ADEQUATE BLOCKING IN WALLS FOR CABINETS AND OTHER WALL MOUNTED ACCESSORIES INCLUDING BUT NOT LIMITED TO HANDRAILS, SHELVING AND BATHROOM FIXTURES.
8. PROVIDE FIREBLOCKING FOR WALL CAVITIES THAT EXCEED 2019 CBC HEIGHT LIMITATIONS.
9. DOOR AND WINDOW DIMENSIONS ARE CENTERED AT OPENINGS.
11. 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.
12. WHERE RECESSED FIXTURES OCCUR IN WALLS OR HORIZONTAL ASSEMBLIES, THE FIRE RATING OF THOSE ASSEMBLIES SHALL BE MAINTAINED.
13. AT ALL PENETRATIONS AND INTERSECTIONS OF FIRE-RATED PARTITIONS, PROVIDE FIRE SEALANT AND/OR FIRE STOPPING TO MAINTAIN CONTINUITY OF PARTITION RATING.

LEGEND

- EXTERIOR - 5 1/2" WOOD STUD W/ PLYWOOD SHEATHING AND EXTERIOR FINISH (REFER TO ELEVATIONS), ONE LAYER 5/8" TYPE X GYPSUM WALL BOARD INTERIOR.
- INTERIOR - 3 1/2" WOOD STUD W/ ONE LAYER 5/8" TYPE X GYPSUM WALL BOARD EACH SIDE.

DOOR GENERAL NOTES

1. REFER TO GENERAL NOTES SHEET G-101 FOR ADDITIONAL REQUIREMENTS.
2. REFER TO PLANS FOR LOCATION OF DOORS.
3. VERIFY ROUGH OPENING SIZE WITH DOOR MANUFACTURER SPECIFICATIONS PRIOR TO CONSTRUCTION.
4. CONTRACTOR TO VERIFY ACTUAL DOOR SIZE TO FIT FINISH OPENING PRIOR TO FABRICATION OF DOOR AND FINISH OPENING.
5. INSTALL PER MANUFACTURERS WRITTEN INSTRUCTIONS.
6. EXTERIOR DOORS SHALL EITHER HAVE A FIRE-RESISTANCE RATING OF NOT LESS THAN 20-MINUTES OR SHALL BE CONSTRUCTED OF SOLID CORE WOOD THAT COMPLIES WITH THE FOLLOWING REQUIREMENTS:
 - A. STILES AND RAILS SHALL NOT BE LESS THAN 1-3/8" THICK.
 - B. PANELS SHALL NOT BE LESS THAN 1-1/4" THICK, EXCEPT FOR THE EXTERIOR PERIMETER OF THE PANEL SHALL BE PERMITTED TO TAPER TO A TONGUE OF NOT LESS THAN 3/8" THICK.
7. REFER TO DOOR TYPES LEGEND FOR GLAZING.
8. REFER TO T24 REPORT FOR GLAZING ENERGY REQUIREMENTS.
9. GLAZING IN DOORS SHALL BE TEMPERED PER SECTION R308.4.1.

DOOR REMARKS

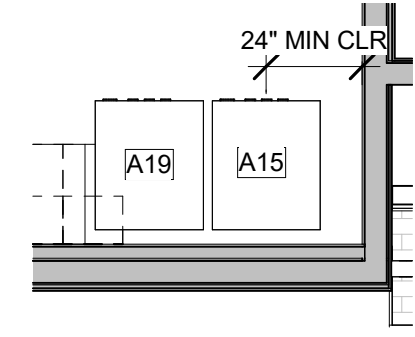
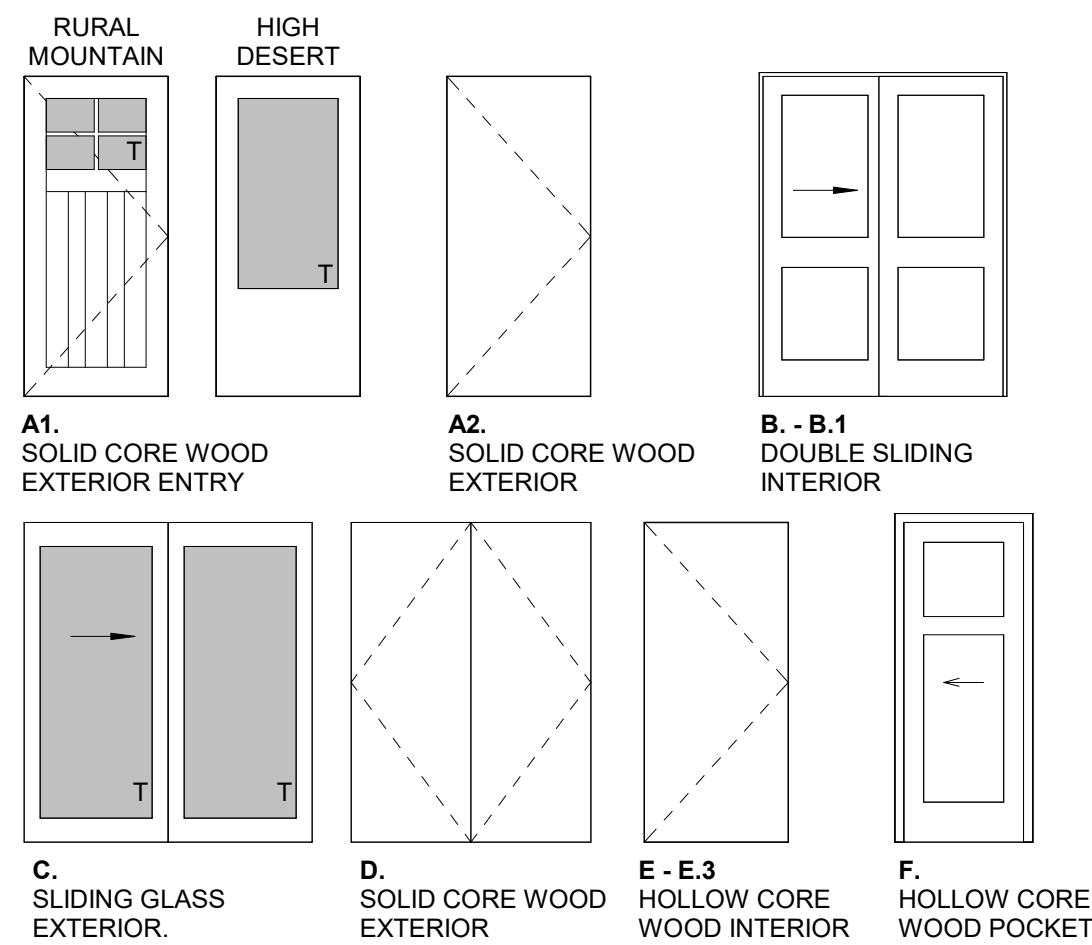
1. EXTERIOR DOOR. REFER TO GENERAL DOOR NOTE #6.
2. GLAZING PER DOOR TYPES. REFER TO GENERAL DOOR NOTE #9.
3. PROVIDE 100 SQ INCHES OF VENTING IN DOOR OR BY OTHER APPROVED MEANS.
4. OPTIONAL DOOR.
5. 3'-0" WIDTH DOOR FOR OPTIONAL ADAPTABLE BATH.

DOOR SCHEDULE

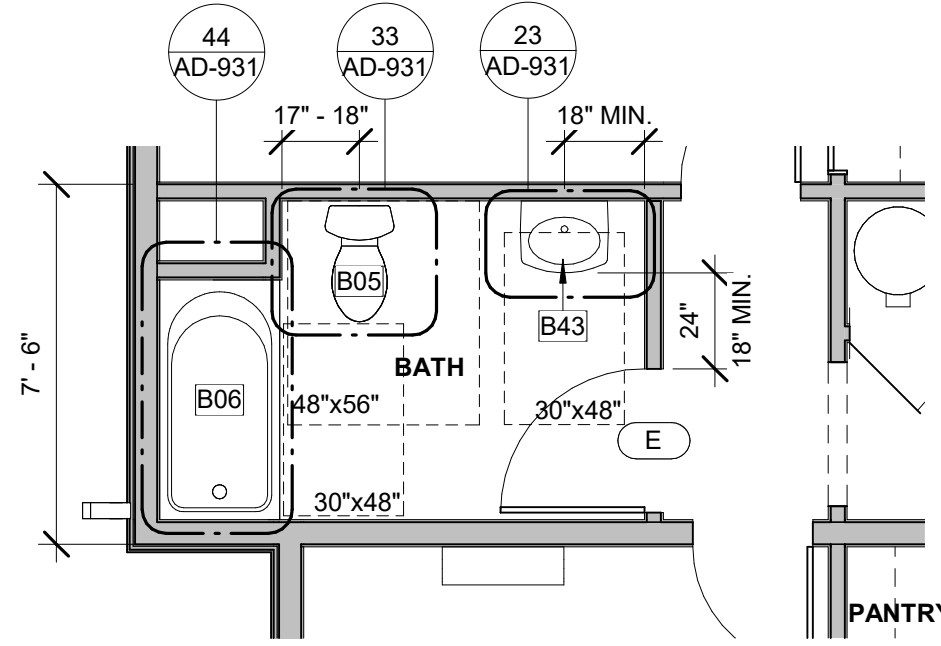
SCHEDULE-DOOR PLAN 5					
NO.	TYPE	DOOR		REMARKS	
		WIDTH	HEIGHT		
PLAN 5	A1	3'-0"	6'-8"		
PLAN 5	A2	2'-6"	6'-8"		
PLAN 5	B	4'-0"	6'-8"		
PLAN 5	E.1	2'-6"	6'-8"		
PLAN 5	E.2	2'-6"	6'-8"		

SCHEDULE-DOOR PLAN 5 ADA					
NO.	TYPE	DOOR		REMARKS	
		WIDTH	HEIGHT		
PLAN 5	A1	3'-0"	6'-8"		
PLAN 5	A2	2'-6"	6'-8"		
PLAN 5	B	4'-0"	6'-8"		
PLAN 5	E.1	3'-0"	6'-8"		
PLAN 5	E.2	2'-6"	6'-8"		

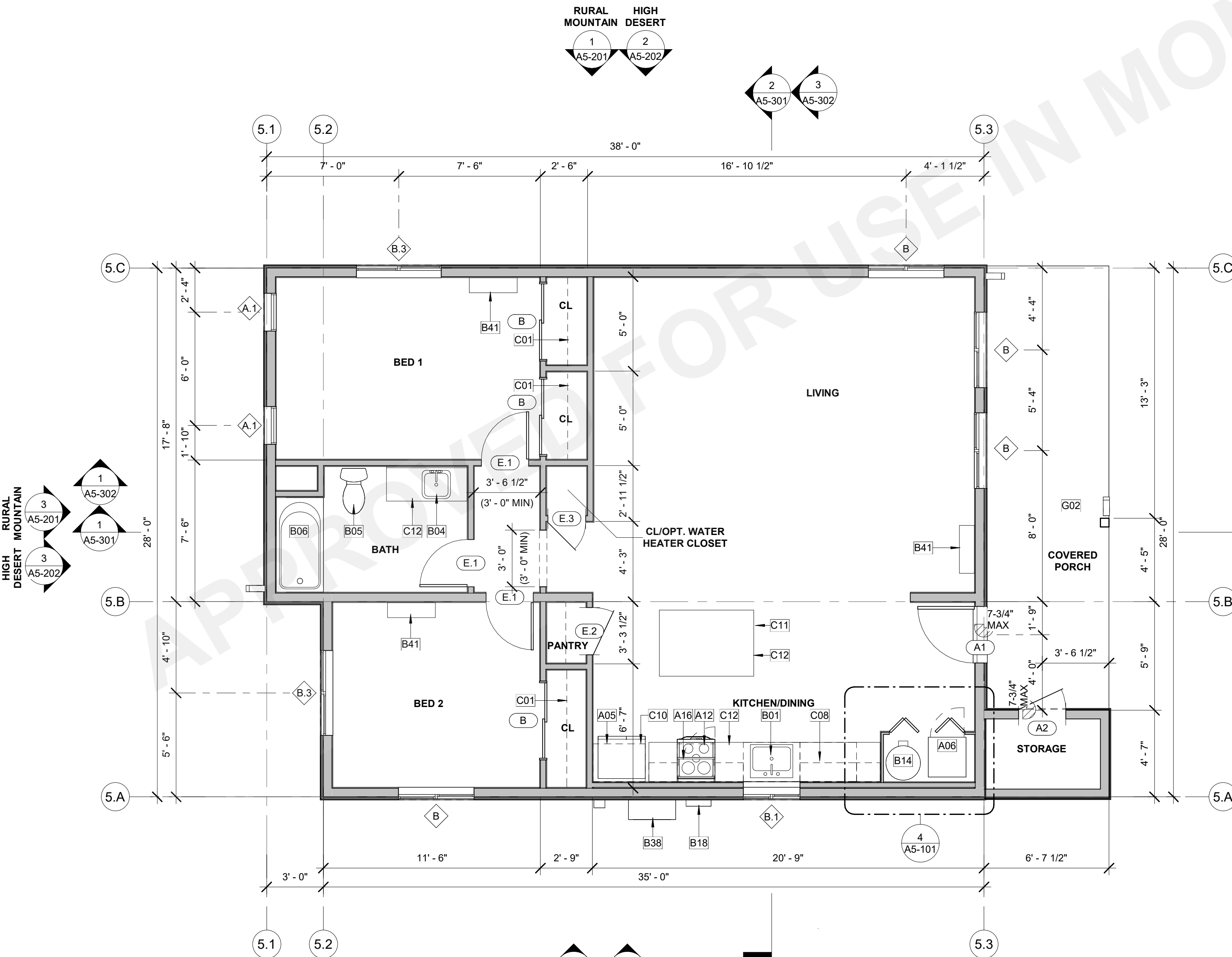
DOOR LEGEND



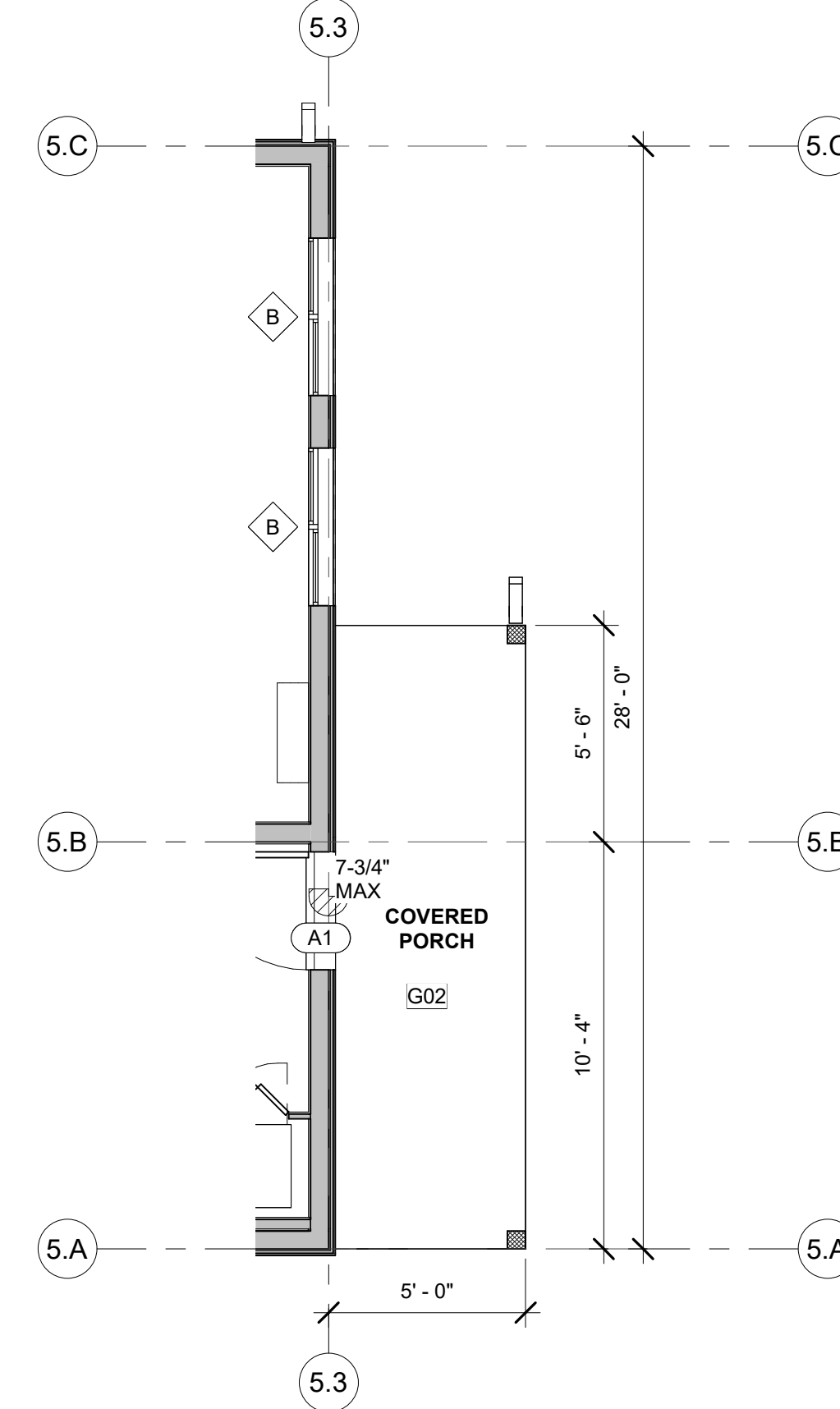
4 OPT. ADAPTABLE WASHER/DRYER
A5-101 | A5-101 SCALE: 1/4" = 1'-0"



3 OPT. ADAPTABLE BATH
A1-201 | A5-101 SCALE: 1/4" = 1'-0"



1 PLAN 5 - GROUND FLOOR PLAN
A1-201 | A5-101 SCALE: 1/4" = 1'-0"



2 PLAN 5 HIGH DESERT OPT.
A5-101 SCALE: 1/4" = 1'-0"

MONO COUNTY ADU PROTOTYPES
 MONO COUNTY
FLOOR PLAN / DOOR WINDOW SCHEDULES

DATE
01/10/2024

SHEET

A5-101

PUBLIC SET



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FLOOR PLAN GENERAL NOTES

1. REFER TO GENERAL NOTES SHEET G-101 AND G-102 FOR ADDITIONAL REQUIREMENTS.
2. REFER TO STRUCTURAL PLANS FOR FURTHER INFORMATION.
3. REFER TO ELECTRICAL PLANS FOR FURTHER INFORMATION IF PROVIDED.
4. REFER TO MECHANICAL PLANS, DRAWINGS OR REPORTS FOR FURTHER INFORMATION.
5. ALL FURNITURE AND EQUIPMENT IS BY OWNER AND IS SHOWN FOR COORDINATION PURPOSES ONLY.
6. DIMENSIONS ARE TO FACE OF FRAMING UNLESS SPECIFICALLY NOTED OTHERWISE.
7. PROVIDE ADEQUATE BLOCKING IN WALLS FOR CABINETS AND OTHER WALL MOUNTED ACCESSORIES INCLUDING BUT NOT LIMITED TO HANDRAILS, SHELVING AND BATHROOM FIXTURES.
8. PROVIDE FIREBLOCKING FOR WALL CAVITIES THAT EXCEED 2019 CBC HEIGHT LIMITATIONS.
9. DOOR AND WINDOW DIMENSIONS ARE CENTERED AT OPENINGS.
10. 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.
11. WHERE RECESSED FIXTURES OCCUR IN WALLS OR HORIZONTAL ASSEMBLIES, THE FIRE RATING OF THOSE ASSEMBLIES SHALL BE MAINTAINED.
12. AT ALL PENETRATIONS AND INTERSECTIONS OF FIRE-RATED PARTITIONS, PROVIDE FIRE SEALANT AND/OR FIRE STOPPING TO MAINTAIN CONTINUITY OF PARTITION RATING.

KEYNOTES

FINISH PLAN GENERAL NOTES

1. REFER TO GENERAL NOTES SHEET G-101 FOR ADDITIONAL REQUIREMENTS.
2. REFER TO ELECTRICAL PLANS FOR FURTHER INFORMATION.
3. REFER TO PLUMBING PLANS FOR FURTHER INFORMATION.
4. REFER TO DETAILS FOR FLOOR/CEILING ASSEMBLIES AND INTERIOR FINISH DETAILS.
5. ALL HARD SURFACE FLOORING SHALL BE SLIP RESISTANT AND MEET THE ANSI A326.3 STANDARD FOR MEASURING THE DYNAMIC COEFFICIENT OF FRICTION (DCOF).
6. ALL FLOORING MATERIALS SHALL COMPLY WITH 2022 CBC SEC. 804.1.
7. ALL WALL AND CEILING FINISHES SHALL COMPLY WITH 2022 CBC TABLE 803.12 FOR MAXIMUM FLAME SPREAD AND SMOKE DENSITY.

FINISH SCHEDULE

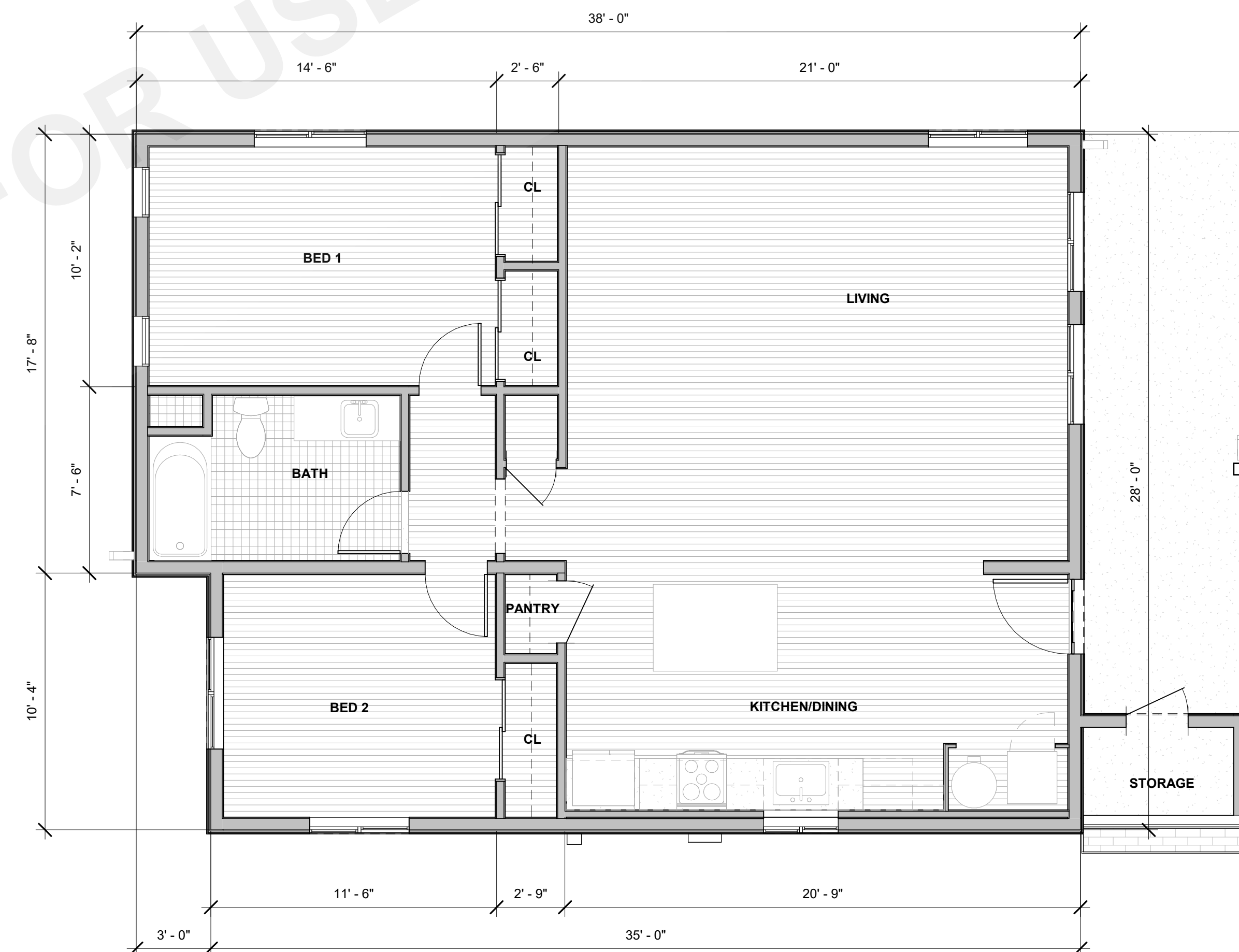
FINISH SCHEDULE PLAN 2					
NUMBER	NAME	FLOOR	CEILING	BASE	NOTES
109	BEDROOM	CPT	GWB		
110	LIVING	LVT	GWB		
111	KITCHEN	LVT	GWB		
112	BATH	CT	GWB		
113	W.I.C.	CPT	GWB		

FINISH LEGEND

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

LEGEND

	EXTERIOR - 5 1/2" WOOD STUD W/ PLYWOOD SHEATHING AND EXTERIOR FINISH (REFER TO ELEVATIONS), ONE LAYER 5/8" TYPE X GYPSUM WALL BOARD INTERIOR.
	INTERIOR - 3 1/2" WOOD STUD W/ ONE LAYER 5/8" TYPE X GYPSUM WALL BOARD EACH SIDE.



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

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

MONO COUNTY ADU
PROTOTYPES
MONO COUNTY
FINISH PLAN

DATE
01/10/2024

SHEET

A5-102

PUBLIC SET



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KEYNOTES

- A06 STACKED WASHER/DRYER MACHINE LOCATION. PROVIDE WASTE AND WATER IN RECESSED WALL BOX. PROVIDE DRYER VENT. VENT TO OUTSIDE AIR.
- A10 (50) CFM MIN. INTERMITTENT VENTILATION HOOD.
- B14 50 GALLON TANK TYPE ELECTRIC WATER HEATER. REFER TO TITLE 24 FOR ADDITIONAL INFORMATION.
- B16 220V AIR GAP DISCONNECT, 30" CLEAR WORKING SPACE REQUIRED IN FRONT OF ELECTRICAL EQUIPMENT
- B18 EXTERIOR RATED ELECTRIC SUB PANEL 80 AMP 120/240 VOLT. CONTRACTOR TO VERIFY MAIN PANEL
- B25 SMOKE ALARM OR SMOKE DETECTOR SHALL BE INSTALLED A MINIMUM OF 20 FEET HORIZONTAL DISTANCE FROM A PERMANENTLY INSTALLED COOKING APPLIANCE AND 3 FEET AWAY FROM PATH OF CEILING FAN BLADES. EXCEPTION: IONIZATION SMOKE ALARMS WITH AN ALARM SILENCING SWITCH OR PHOTOELECTRIC SMOKE ALARMS SHALL BE PERMITTED TO BE INSTALLED 10 FEET OR GREATER FROM A PERMANENTLY INSTALLED COOKING APPLIANCE. PHOTOELECTRIC SMOKE ALARMS SHALL BE PERMITTED TO BE INSTALLED GREATER THAN 6 FEET FROM PERMANENTLY INSTALLED COOKING APPLIANCE WHERE KITCHEN AND ADJACENT SPACES HAVE NO CLEAR INTERIOR PARTITIONS AND THE 10 FOOT DISTANCE WOULD PROHIBIT PLACEMENT OF A SMOKE ALARM OR SMOKE DETECTOR REQUIRED BY OTHER SECTIONS OF THE CODE. SMOKE ALARMS SHALL BE LISTED FOR USE IN CLOSE PROXIMITY TO A PERMANENTLY INSTALLED COOKING APPLIANCE. PER CRC R314.3.3 ITEM 4.
- B38 WALL-MOUNTED MULTI-ZONE HEAT PUMP CONDENSING UNIT. REFER TO PLANS FOR LOCATION OF INDOOR FAN COIL UNITS. REFER TO TITLE 24 FOR ADDITIONAL INFORMATION.
- B41 FAN COIL. REFER TO PLANS FOR LOCATION OF OUTDOOR CONDENSING UNIT. PROVIDE CONDENSATE DRAIN TO EXTERIOR PER MANUF. REFER TO TITLE 24 FOR ADDITIONAL INFORMATION. PROVIDE OUTLET.
- B44 GFI PROTECTED RECEPTACLE TO BE LOCATED 12" BELOW THE COUNTERTOP WHERE COUNTERTOP DOES NOT EXTEND MORE THAN 6" BEYOND ITS SUPPORT BASE.
- B45 OUTLET SERVING WATER HEATER SHALL BE ACCESSIBLE TO THE WATER HEATER WITH NO OBSTRUCTION. LOCATE OUTLET AT 72" A.F.F.

GENERAL ELECTRICAL NOTES

1. REFER TO ELECTRICAL NOTES ON SHEET G-101.
2. DANGER SIGNS SHALL BE CONSPICUOUSLY POSTED AT POINTS OF ACCESS TO CONDUCTORS IN ALL RACEWAY SYSTEMS AND CABLE SYSTEMS. (CEC 300.45)

LEGEND

⊕	ELECTRICAL SWITCH	⊕	SMOKE DETECTOR/ALARM	⊕	DUPLEX OUTLET ARC-FAULT CIRCUIT INTERRUPTER
⊕	ELECTRICAL SWITCH-THREE WAY	⊕	COMBINATION SMOKE/CARBON MONOXIDE	⊕	DUPLEX OUTLET 240 VOLTS
⊕	ELECTRICAL SWITCH-FOUR WAY	⊕	DOOR BELL CHIME	⊕	DUPLEX OUTLET GROUND FAULT INTERRUPTER 120 VOLTS
⊕	ELECTRICAL SWITCH-VACANCY SENSOR	⊕	DOOR BELL BUTTON/GARAGE DOOR OPENER BUTTON	⊕	DUPLEX OUTLET GROUND FAULT INTERRUPTER
⊕	ELECTRICAL SWITCH-DIMMER	⊕	TELEPHONE LOCATION	⊕	DUPLEX OUTLET WATERPROOF GROUND FAULT INTERRUPTER
⊕	ELECTRICAL SWITCH-FAN	⊕	CABLE TELEVISION LOCATION	⊕	DUPLEX OUTLET GFCI-HALF HOT
⊕	ASTRONOMICAL TIME SWITCH	⊕	ELECTRICAL JUNCTION BOX	⊕	DUPLEX OUTLET MICROWAVE
⊕	EXHAUST FAN	⊕	EXHAUST FAN/LIGHT COMBINATION	⊕	DUPLEX OUTLET DISH WASHER
⊕	PENDANT LIGHT	⊕	COLD WATER STUB OUT	⊕	HOT WATER STUB OUT
⊕	SURFACE MOUNTED HIGH-EFFICACY LIGHT	⊕	WATER HOSE BIBB	⊕	WATER HOSE BIBB WITH SHUT OFF VALVE
⊕	WALL MOUNTED LIGHT	⊕	CEILING FAN OPTIONAL (PRE WIRE FOR CEILING FAN ONLY)	⊕	ICE MACHINE STUB OUT
⊕	WALL MOUNTED HIGH-EFFICACY LIGHT	⊕	RECESSED DOWNLIGHT	⊕	GAS STUB OUT
⊕	RECESSED DOWNLIGHT	⊕	RECESSED HIGH-EFFICACY DOWNLIGHT	⊕	SURFACE MOUNTED HIGH-EFFICACY LIGHT
⊕	RECESSED DOWNLIGHT-VAPOR PROOF	⊕	RECESSED HIGH-EFFICACY DOWNLIGHT	⊕	UNDER CABINET HIGH-EFFICACY LIGHT
⊕	ELECTRICAL WIRING	⊕	22"x30" MIN. CEILING ACCESS PANEL	⊕	FAN COIL PROVIDED DEDICATED 120V OUTLET

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)	100 CFM	80 CFM
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 CFM
DUCT TYPE	FLEX DUCT	SMOOTH DUCT
DUCT SIZE (in)	5"	5"
MAX. ALLOWABLE DUCT LENGTH (ft)	70'	35'

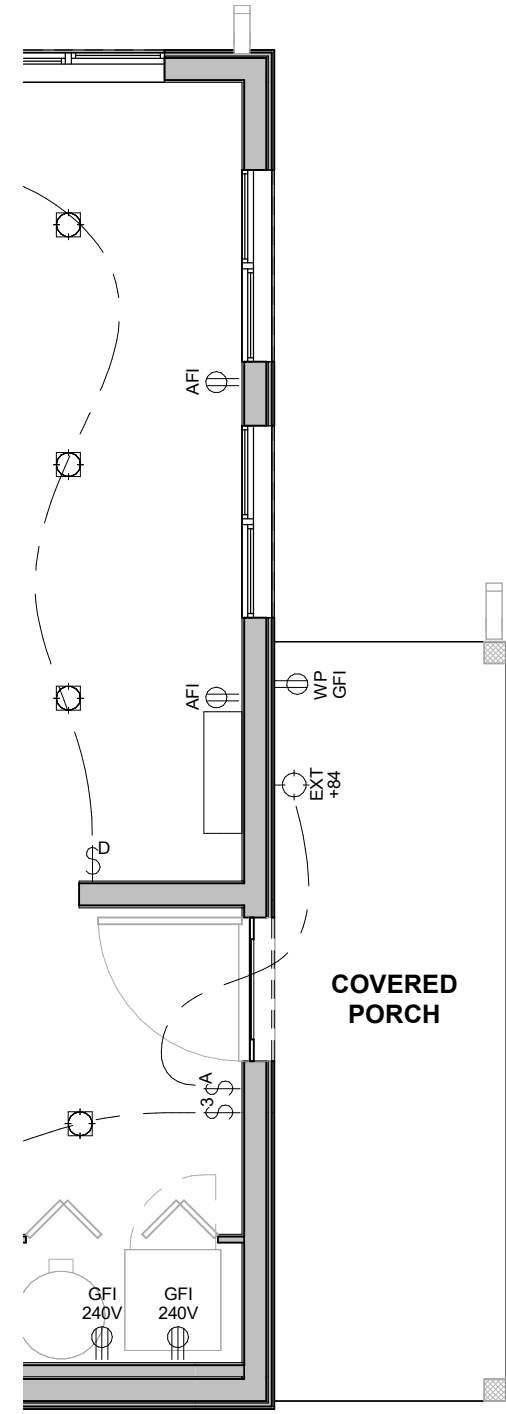
THIS EXHAUST FAN IS REQUIRED TO BE RATED FOR SOUND AT A MAX. OF 1 SONE. THIS EXHAUST FAN IS REQUIRED TO OPERATE CONTINUOUSLY TO ENSURE CONTINUOUSLY TO ENSURE INDOOR AIR QUALITY.

TOTAL (MINIMUM) REQUIRED VENTILATION RATE
PER ASHRAE STANDARD 62.2, CEC EQUATION 150.0-B
QCFM = .03(FLOOR AREA) + 7.5 (# OF BEDROOMS + 1)

WHOLE DWELLING UNIT MECHANICAL VENTILATION
PER SECTION 150.0(O)(II) [ASHRAE 62.2.4.1.2]
1 BED - MINIMUM CUBIC FEET PER MINUTE (CFM) (Equation 150.0-B)
Q_{tot} = 0.03A_{floor} + 7.5(N_{br} + 1)
Q_{tot} = 0.03(1033 sf) + 7.5 (2+1) = 53.49 CFM < 80 CFM

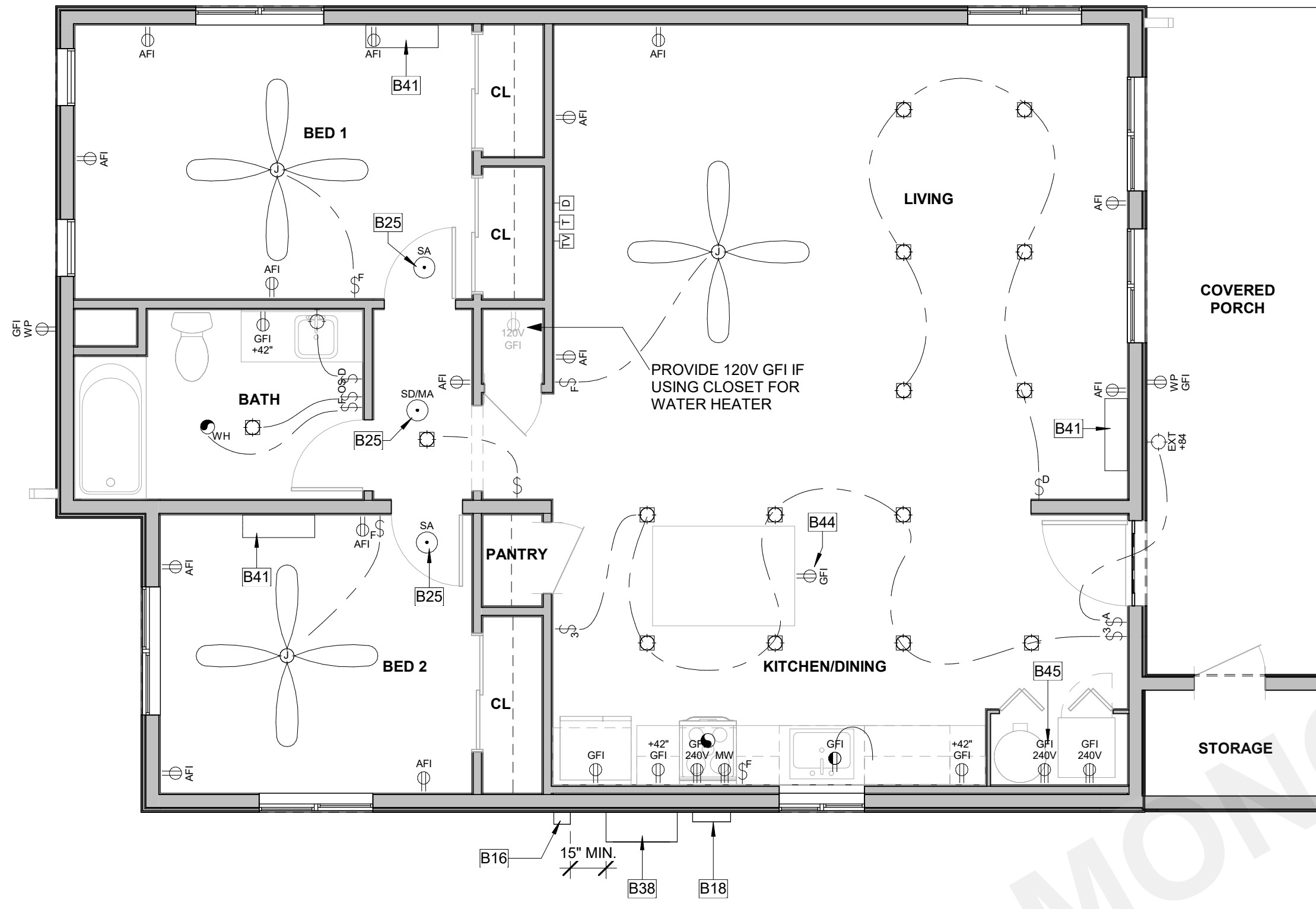
EFFECTIVE ANNUAL AVERAGE INFILTRATION RATE
PER SECTION 150.0(O)(II)
a. (Equation 150.0-C) Q₅₀ = V_{du} (x) 2 ACH50 / 60minutes
b. (Equation 150.0-D) Q₅₀ = V_{du} (x) Verified ACH50 / 60minutes
c. (Equation 150.0-E) Q₅₀ = 0.052 (x) Q₅₀ x w_{sl} x
[H/H]^{1/2} [ASHRAE 62.2.4.1.2.1]

REQUIRED MECHANICAL VENTILATION RATE
AND REQUIRED MECHANICAL VENTILATION RATE PER 150.0(O)(III)
[ASHRAE 62.2.4.1.2]
(Equation 150.0-F) Q_f = Q_{tot} (x) φ (Q_{inf} (x) A_{ext})



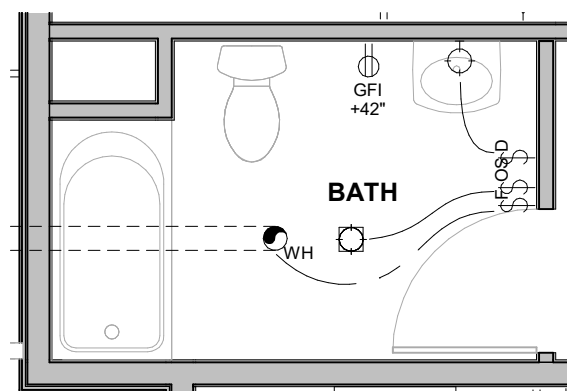
4 PLAN 5 - ELECTRICAL

A1-201 | A5-111 SCALE: 1/4" = 1'-0"



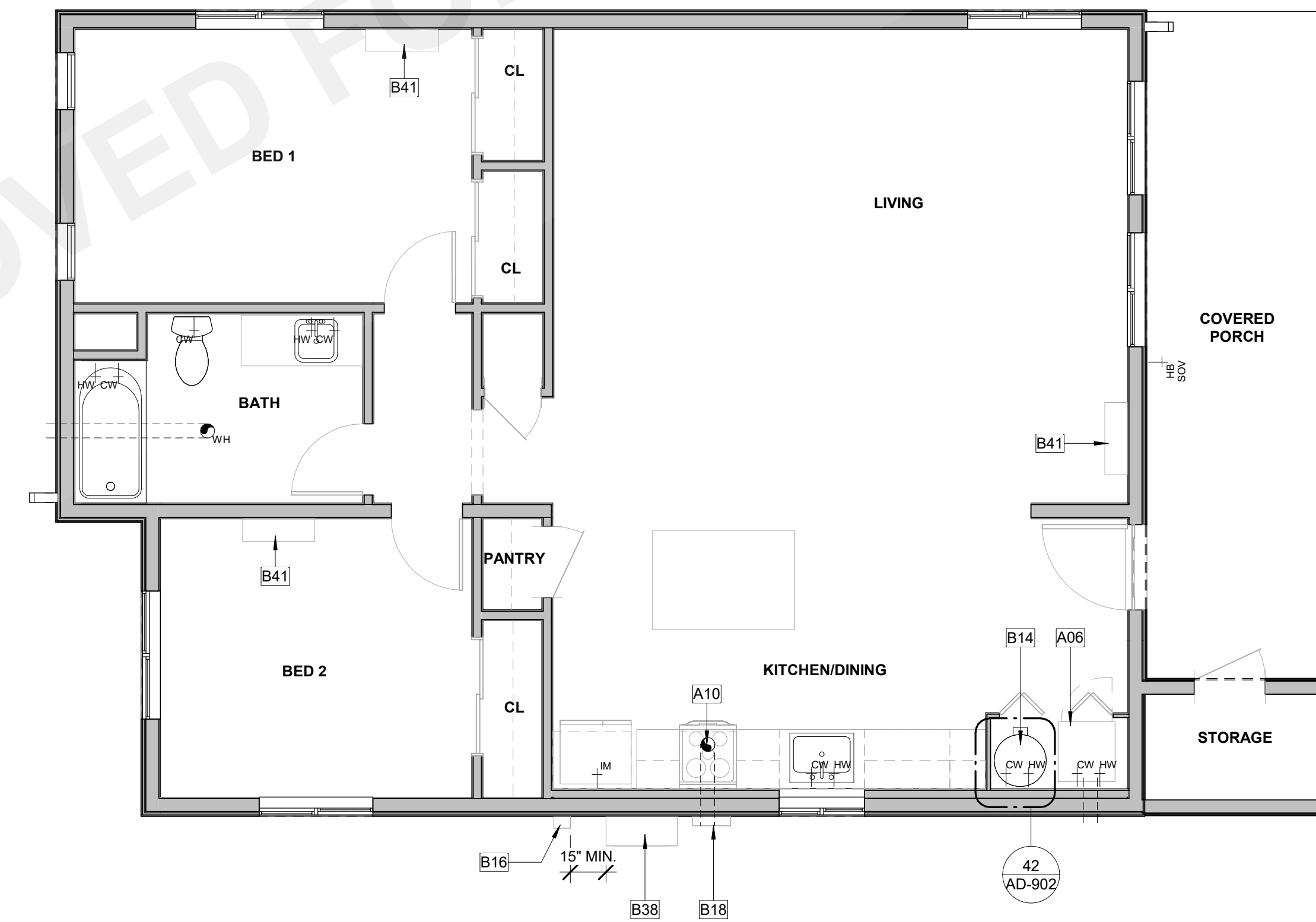
1 PLAN 5 - ELECTRICAL

A1-201 | A5-111 SCALE: 1/4" = 1'-0"



3 PLAN 5 - ELECTRICAL ADAPTABLE OPT.

A1-201 | A5-111 SCALE: 1/4" = 1'-0"



2 PLAN 5 - MECHANICAL

A1-201 | A5-111 SCALE: 1/4" = 1'-0"

MONO COUNTY ADU PROTOTYPES
 MONO COUNTY
MECHANICAL AND ELECTRICAL PLANS

DATE
01/10/2024
SHEET

A5-111

PUBLIC SET



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ROOF VENTING CALCULATIONS

UPPER VENTS: O'HAGIN FIRE & ICE STANDARD 1/4" MESH
72.0 SQ.IN OF AIR MOVEMENT PER VENT = 72. SQ.IN. / 144 = 0.5 SF

LOWER VENTS: O'HAGIN FIRE & ICE STANDARD 1/4" MESH
72.0 SQ.IN OF AIR MOVEMENT PER VENT = 72. SQ.IN. / 144 = 0.5 SF

"UPPER VENTS PROVIDED" = (TOTAL ATTIC AREA/300) * (0.5) / (0.5 SF)

"LOWER VENTS PROVIDED" = (TOTAL ATTIC AREA/300) * (0.5) / (0.5 SF)

ATTIC	AREA	REQUIRED ATTIC VENTING (NFA)	UPPER VENTING REQUIRED (NFA)	LOWER VENTING REQUIRED (NFA)
ATTIC 1 - PLAN 5	1064 SF	3.55 SF	1.77 SF	1.77 SF
ATTIC 2 - PLAN 5	98 SF	0.33 SF	0.16 SF	0.16 SF

VENT TYPE	COUNT	VENT LENGTH	NET FREE AREA PER VENT	PROVIDED NET FREE AREA
ATTIC 1 - PLAN 5				
LOWER				
O'HAGIN SHINGLE ROOF VENT (LOWER)	4	2' - 8"	0.50 SF	2.00 SF
UPPER				
O'HAGIN SHINGLE ROOF VENT (UPPER)	4	2' - 8"	0.50 SF	2.00 SF
				4.00 SF
ATTIC 2 - PLAN 5				
LOWER				
O'HAGIN SHINGLE ROOF VENT (LOWER)	1	2' - 8"	0.50 SF	0.50 SF
UPPER				
O'HAGIN SHINGLE ROOF VENT (UPPER)	1	2' - 8"	0.50 SF	0.50 SF
				1.00 SF

ATTIC 1 - PLAN 5

LOWER

O'HAGIN SHINGLE ROOF VENT (LOWER)

UPPER

O'HAGIN SHINGLE ROOF VENT (UPPER)

ATTIC 2 - PLAN 5

LOWER

O'HAGIN SHINGLE ROOF VENT (LOWER)

UPPER

O'HAGIN SHINGLE ROOF VENT (UPPER)

KEYNOTES

F03 22" X 30" MIN. 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)1. PROVIDE GASKETED ATTIC ACCESS TO PREVENT AIR LEAKAGE CENC 150.0 (a)1.

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 PLANS FOR ROOF MOUNTED EQUIPMENT LOCATIONS AND TYPES.
- REFER TO ELECTRICAL PLANS FOR POWER DISTRIBUTION TO ROOF MOUNTED EQUIPMENT.
- REFER TO PLUMBING PLANS ROOF VENT PENETRATIONS.
- REFER TO SITE/GRADING PLAN FOR DOWNSPOUT DISCHARGE OR CONTINUATION.
- 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 (2022 CBC 1507.1), AND MANUFACTURER'S INSTALLATION INSTRUCTIONS
- WHERE PROVIDED, VENTILATION OPENINGS SHALL BE IN ACCORDANCE WITH (2022 CBC SECTION 1202). EXTERIOR OPENINGS INTO THE ATTIC SPACE SHALL BE COVERED WITH CORROSION-RESISTANT WIRE CLOTH SCREENING, HARDWARE CLOTH, PERFORATED VINYL OR SIMILAR MATERIAL. THE OPENINGS SHALL BE A MINIMUM OF 1/16" AND SHALL NOT EXCEED 1/4" PER (2022 CBC 1202.2.2)
- 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.

LEGEND

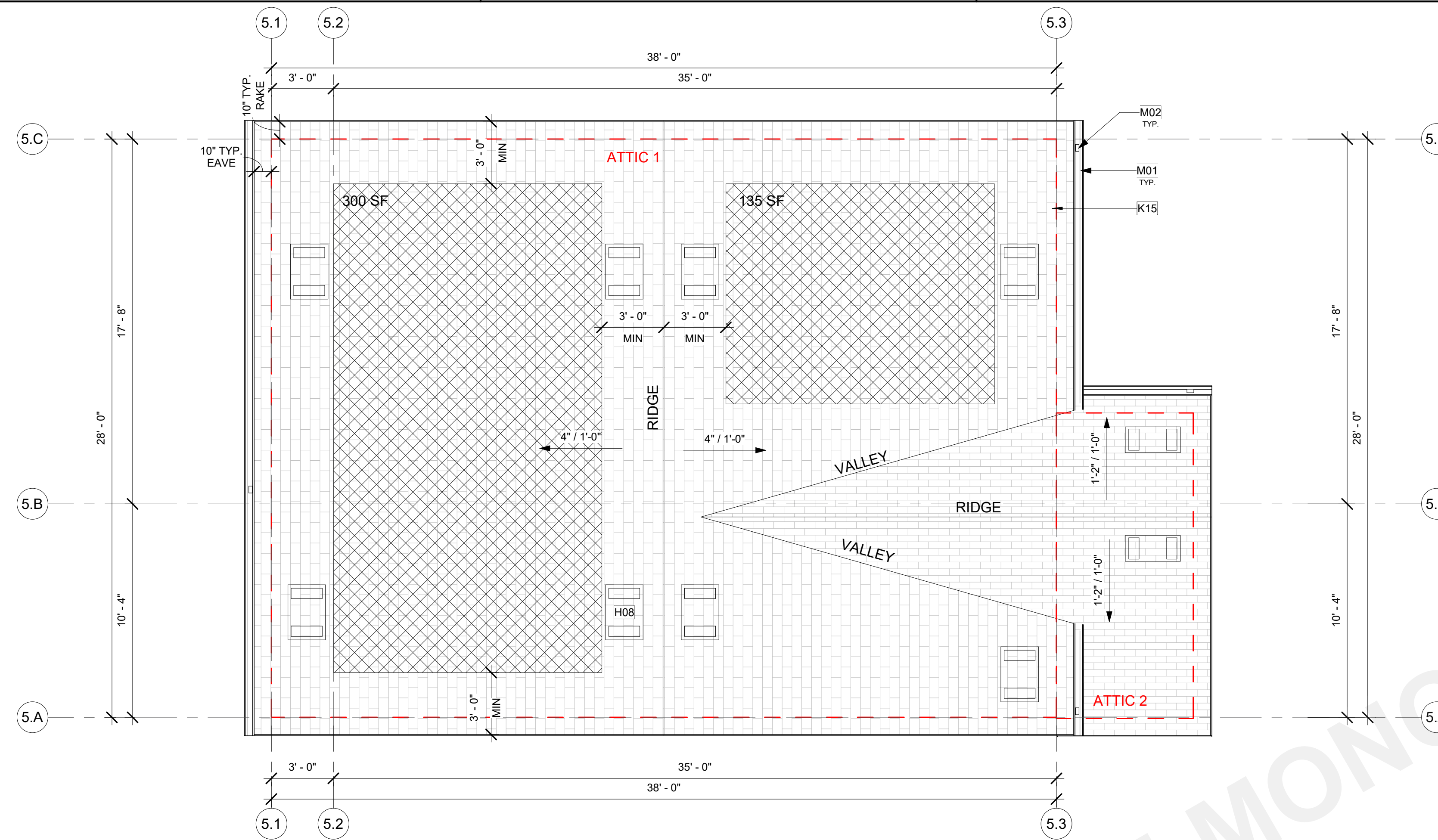
- 10'-0" HEIGHT OF TOP OF ROOFING SURFACE
- 2" / 12" ROOF SLOPE (REFER TO PLANS FOR ACTUAL SLOPE)
- O'HAGIN ATTIC VENT, PAINT TO MATCH ROOF COLOR. (REFER TO EXTERIOR ELEVATIONS FOR COLORS AND MATERIALS.)
- WALL BELOW
- GUTTER, CONNECT TO DOWNSPOUT
- DOWNSPOUT, TO ROOF OR SPLASHBLOCK BELOW U.N.O.
- SOLAR ZONE, REFER TO SOLAR READY NOTES ON SHEET G-101.

RCP GENERAL NOTES

- REFER TO GENERAL NOTES SHEET G-101 AND G-102 FOR ADDITIONAL REQUIREMENTS.
- REFER TO ELECTRICAL PLANS FOR FURTHER INFORMATION.
- REFER TO MECHANICAL PLANS FOR FURTHER INFORMATION.
- REFER TO DETAILS FOR FLOOR/CEILING ASSEMBLIES.
- HEIGHT OF CEILINGS SHALL BE MEASURED FROM TOP OF SLAB TO FINISH FACE OF GWB OR FACE OF CEILING GRID AS INDICATED ON THE REFLECTED CEILING PLAN, UNO.
- CONTRACTOR TO VERIFY DEPTH OF SOFFITS AND HOLD TIGHT TO PLUMBING, SPRINKLERS, ELECTRICAL AND MECHANICAL DUCTS

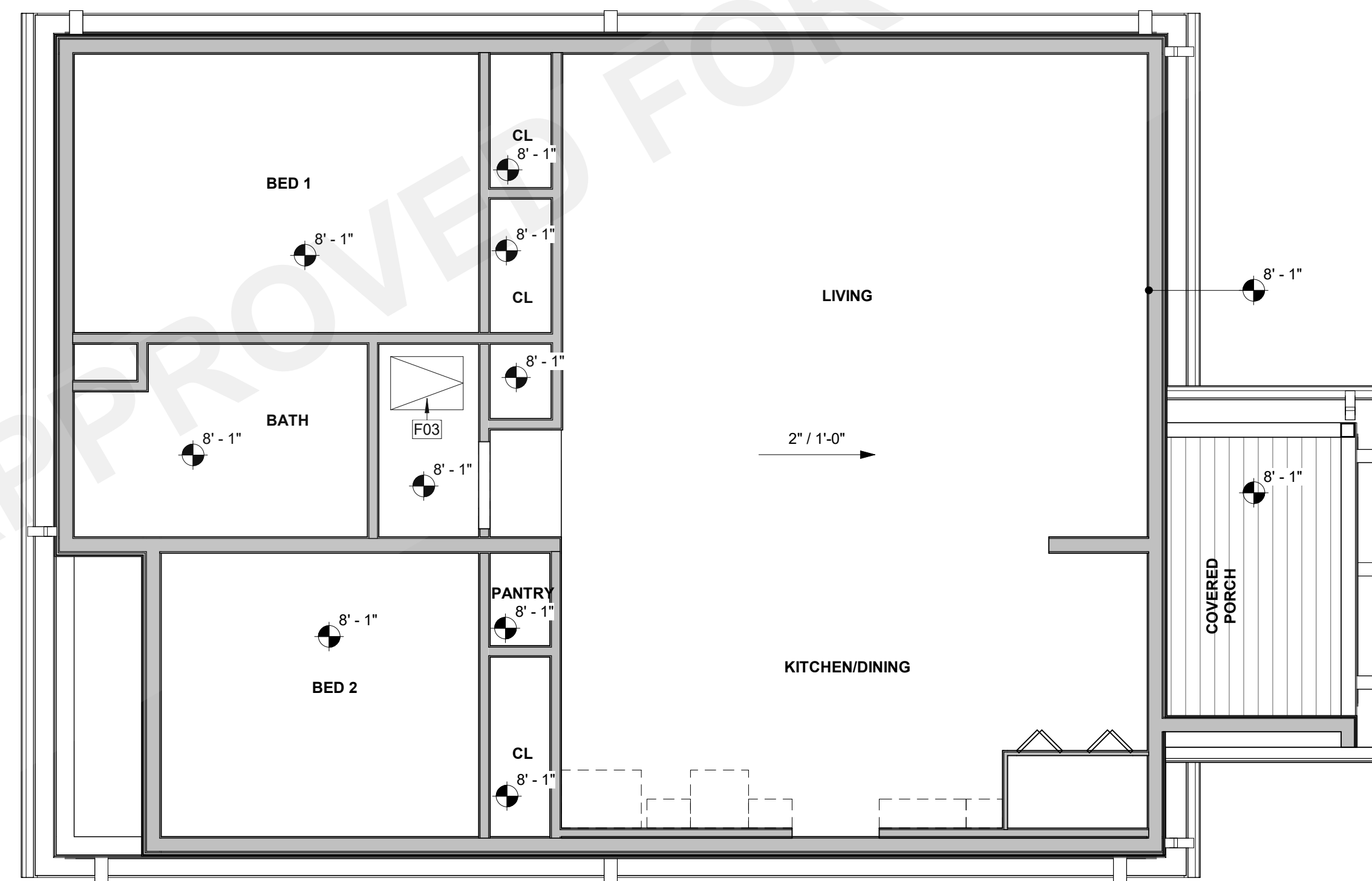
LEGEND

- 10'-0" HEIGHT OF CEILING SURFACE (REFER TO PLANS FOR ACTUAL HEIGHT)
- 2" / 12" CEILING SLOPE (REFER TO PLANS FOR ACTUAL SLOPE)
- INTERIOR CEILING FINISH, REFER TO FINISH SCHEDULE.
- EXTERIOR 7/8" 3-COAT CEMENT PLASTER CEILING, 1HR FIRE-RESISTANCE PER CBC TABLE 721.1(1) ITEM 1-4.1
- EXTERIOR FIBER CEMENT BOARD CEILING, HARRIE SOFFIT PANELS - BEADED PORCH PANEL OR EQ.



2 ROOF PLAN 5 - RURAL MOUNTAIN

A5-121 SCALE: 1/4" = 1'-0"



1 GROUND FLOOR RCP 5 - RURAL MOUNTAIN

A1-201 | A5-121 SCALE: 1/4" = 1'-0"

MONO COUNTY ADU PROTOTYPES
MONO COUNTY
ROOF PLAN & RCP - RURAL MOUNTAIN

DATE
01/10/2024

SHEET

A5-121

PUBLIC SET



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ROOF VENTING CALCULATIONS

UPPER VENTS: 14" x 17.5" VULCAN GABLE VENT
86.0 SQ. IN. OF AIR MOVEMENT PER VENT = 86 SQ. IN. / 144 = 0.60 SF

14" x 12" VULCAN GABLE VENT
58.0 SQ. IN. OF AIR MOVEMENT PER VENT = 58 SQ. IN. / 144 = 0.40 SF

LOWER VENTS: (3) 3" ROUND MESH FACE FIRE VULCAN VENTS IN EAVE BLOCKING
12 SQ. IN. / 144 = 0.08 SF

"UPPER VENTS PROVIDED" = (TOTAL ATTIC AREA/300) * (0.5) / (0.40 SF)

"LOWER VENTS PROVIDED" = (TOTAL ATTIC AREA/300) * (0.5) / (0.08 SF)

ATTIC	AREA	REQUIRED ATTIC VENTING (NFA)	UPPER VENTING REQUIRED (NFA)	LOWER VENTING REQUIRED (NFA)
ATTIC 1 - PLAN 5	305 SF	1.02 SF	0.51 SF	0.51 SF
ATTIC 2 - PLAN 5	444 SF	1.48 SF	0.74 SF	0.74 SF

VENT TYPE	COUNT	VENT LENGTH	NET FREE AREA PER VENT	PROVIDED NET FREE AREA
ATTIC 1 - PLAN 5				
LOWER				
(3) 3" HOLES (LOWER)	7	2'-0"	0.08 SF	0.56 SF
UPPER				
14x17.5 VULCAN GABLE VENT (UPPER)	1	1'-2"	0.60 SF	0.60 SF
				1.16 SF
ATTIC 2 - PLAN 5				
LOWER				
(3) 3" HOLES (LOWER)	10	2'-0"	0.08 SF	0.80 SF
UPPER				
14x12 VULCAN GABLE VENT (UPPER)	2	1'-0"	0.40 SF	0.80 SF
				1.60 SF

KEYNOTES

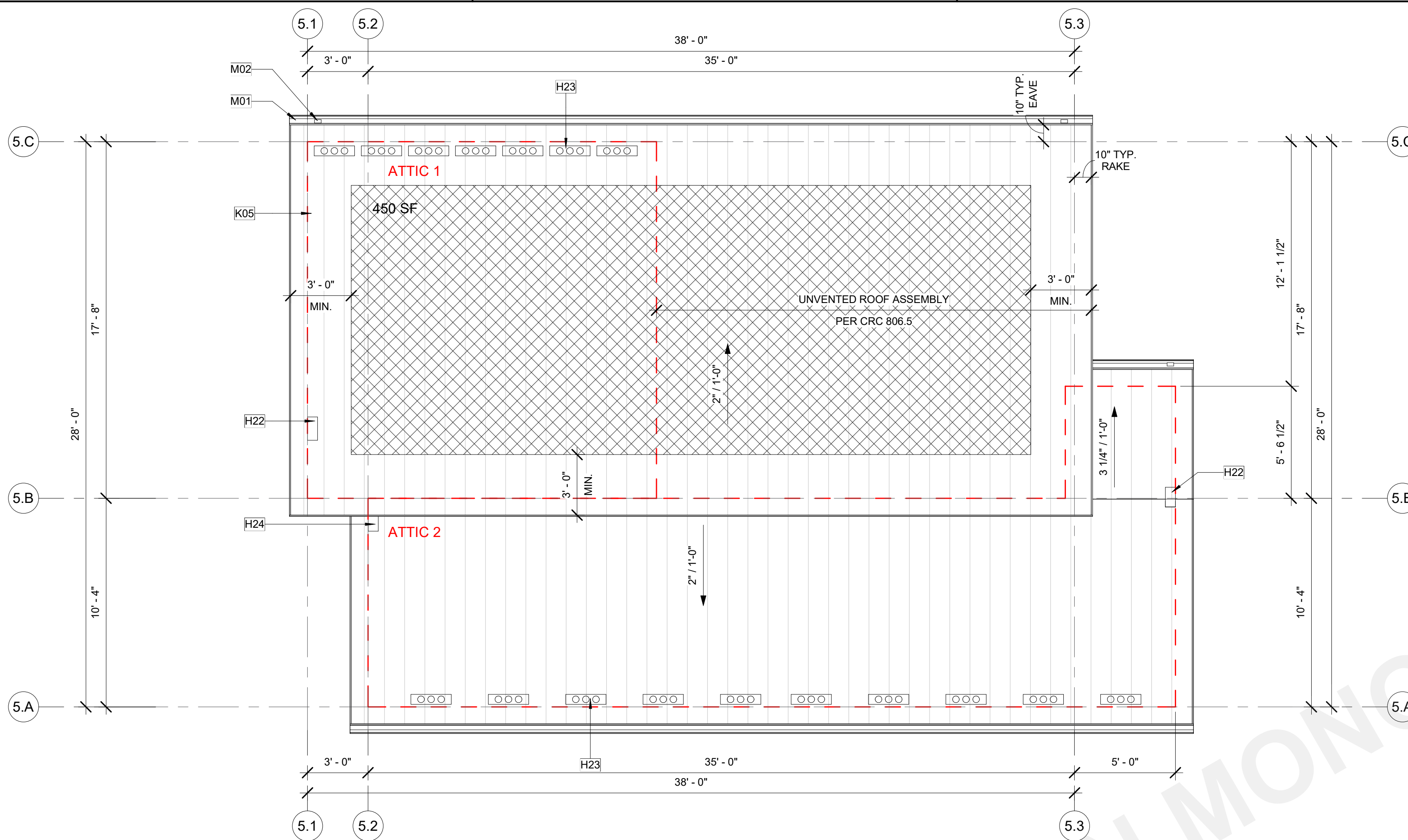
F03 22" X 30" MIN. ATTIC ACCESS. PROVIDED SWITCH AND OUTLET AT ATTIC FOR FAU. PERMANENTLY ATTACH R-38 OR GREATER INSULATION TO ATTIC ACCESS DOOR USING ADHESIVE OR MECHANICAL FASTENERS CEN 150.0 (a)1. PROVIDE GASKETED ATTIC ACCESS TO PREVENT AIR LEAKAGE CEN 150.0 (a)1.

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 PLANS FOR ROOF MOUNTED EQUIPMENT LOCATIONS AND TYPES.
- REFER TO ELECTRICAL PLANS FOR POWER DISTRIBUTION TO ROOF MOUNTED EQUIPMENT.
- REFER TO PLUMBING PLANS ROOF VENT PENETRATIONS.
- REFER TO SITE/GRADING PLAN FOR DOWNSPOUT DISCHARGE OR CONTINUATION.
- 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 (2022 CBC 1507.1), AND MANUFACTURER'S INSTALLATION INSTRUCTIONS
- WHERE PROVIDED, VENTILATION OPENINGS SHALL BE IN ACCORDANCE WITH (2022 CBC SECTION 1202). EXTERIOR OPENINGS INTO THE ATTIC SPACE SHALL BE COVERED WITH CORROSION-RESISTANT WIRE CLOTH SCREENING, HARDWARE CLOTH, PERFORATED VINYL OR SIMILAR MATERIAL. THE OPENINGS SHALL BE A MINIMUM OF 1/16" AND SHALL NOT EXCEED 1/4" PER (2022 CBC 1202.2.2)
- 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.

LEGEND

- 10'-0" HEIGHT OF TOP OF ROOFING SURFACE
- 2" / 12" ROOF SLOPE (REFER TO PLANS FOR ACTUAL SLOPE)
- O'HAGIN ATTIC VENT, PAINT TO MATCH ROOF COLOR. (REFER TO EXTERIOR ELEVATIONS FOR COLORS AND MATERIALS.)
- WALL BELOW
- GUTTER, CONNECT TO DOWNSPOUT
- DOWNSPOUT, TO ROOF OR SPLASHBLOCK BELOW U.N.O.
- SOLAR ZONE, REFER TO SOLAR READY NOTES ON SHEET G-101.



2 ROOF PLAN 5 - HIGH DESERT

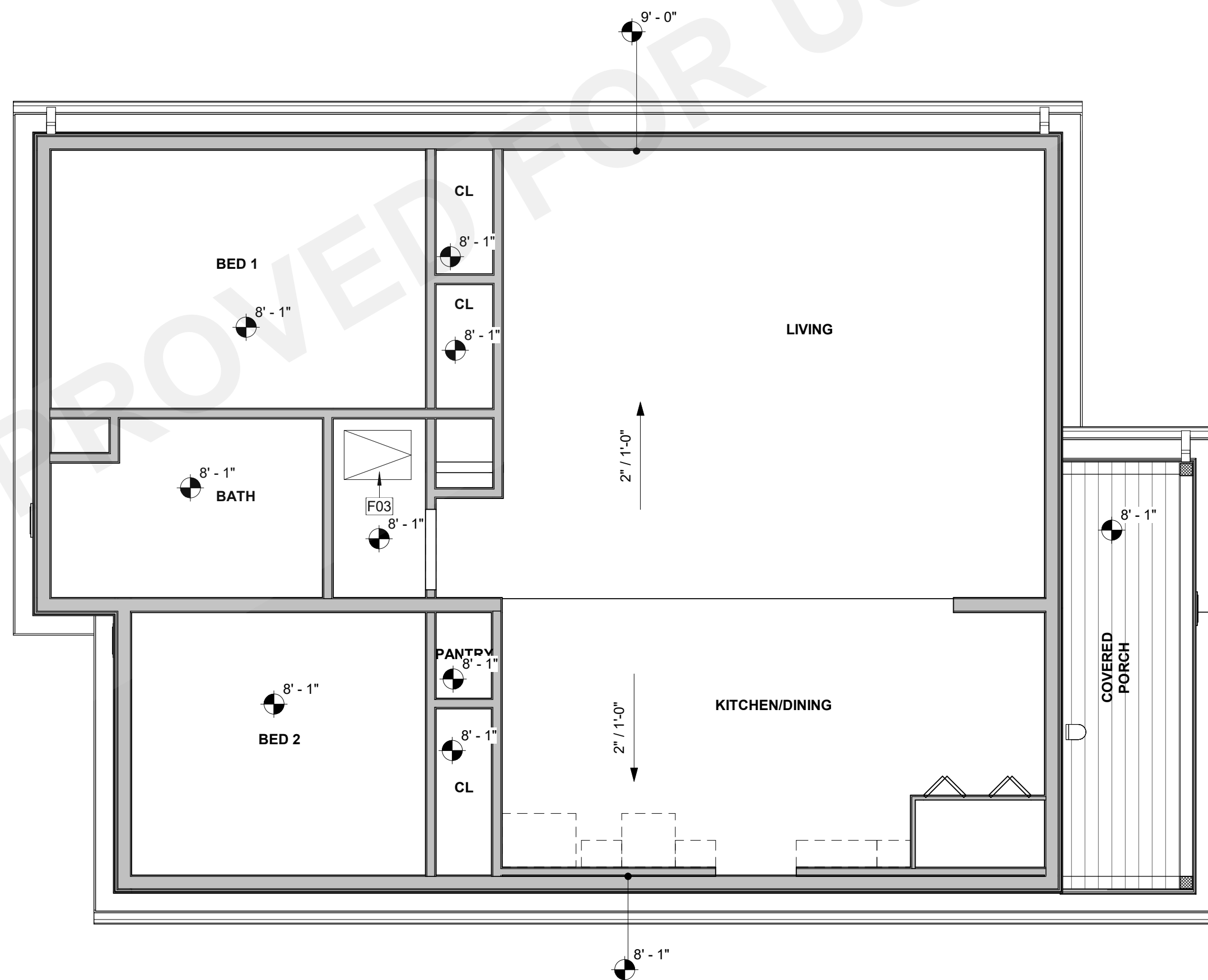
A5-122 SCALE: 1/4" = 1'-0"

RCP GENERAL NOTES

- REFER TO GENERAL NOTES SHEET G-101 AND G-102 FOR ADDITIONAL REQUIREMENTS.
- REFER TO ELECTRICAL PLANS FOR FURTHER INFORMATION.
- REFER TO MECHANICAL PLANS FOR FURTHER INFORMATION.
- REFER TO DETAILS FOR FLOOR/CEILING ASSEMBLIES.
- HEIGHT OF CEILINGS SHALL BE MEASURED FROM TOP OF SLAB TO FINISH FACE OF GWB OR FACE OF CEILING GRID AS INDICATED ON THE REFLECTED CEILING PLAN, UNO.
- CONTRACTOR TO VERIFY DEPTH OF SOFFITS AND HOLD TIGHT TO PLUMBING, SPRINKLERS, ELECTRICAL AND MECHANICAL DUCTS

LEGEND

- 10'-0" HEIGHT OF CEILING SURFACE (REFER TO PLANS FOR ACTUAL HEIGHT)
- 2" / 12" CEILING SLOPE (REFER TO PLANS FOR ACTUAL SLOPE)
- INTERIOR CEILING FINISH. REFER TO FINISH SCHEDULE.
- EXTERIOR 7/8" 3-COAT CEMENT PLASTER CEILING. 1HR FIRE-RESISTANCE PER CBC TABLE 721.1(1) ITEM 1-4.1
- EXTERIOR FIBER CEMENT BOARD CEILING. HARIO SOFFIT PANELS - BEADED PORCH PANEL OR EQ.



1 GROUND FLOOR RCP 5 - HIGH DESERT

A1-201 A5-122 SCALE: 1/4" = 1'-0"

MONO COUNTY ADU
PROTOTYPES
MONO COUNTY

ROOF PLAN & RCP - HIGH DESERT

DATE
01/10/2024

SHEET

A5-122

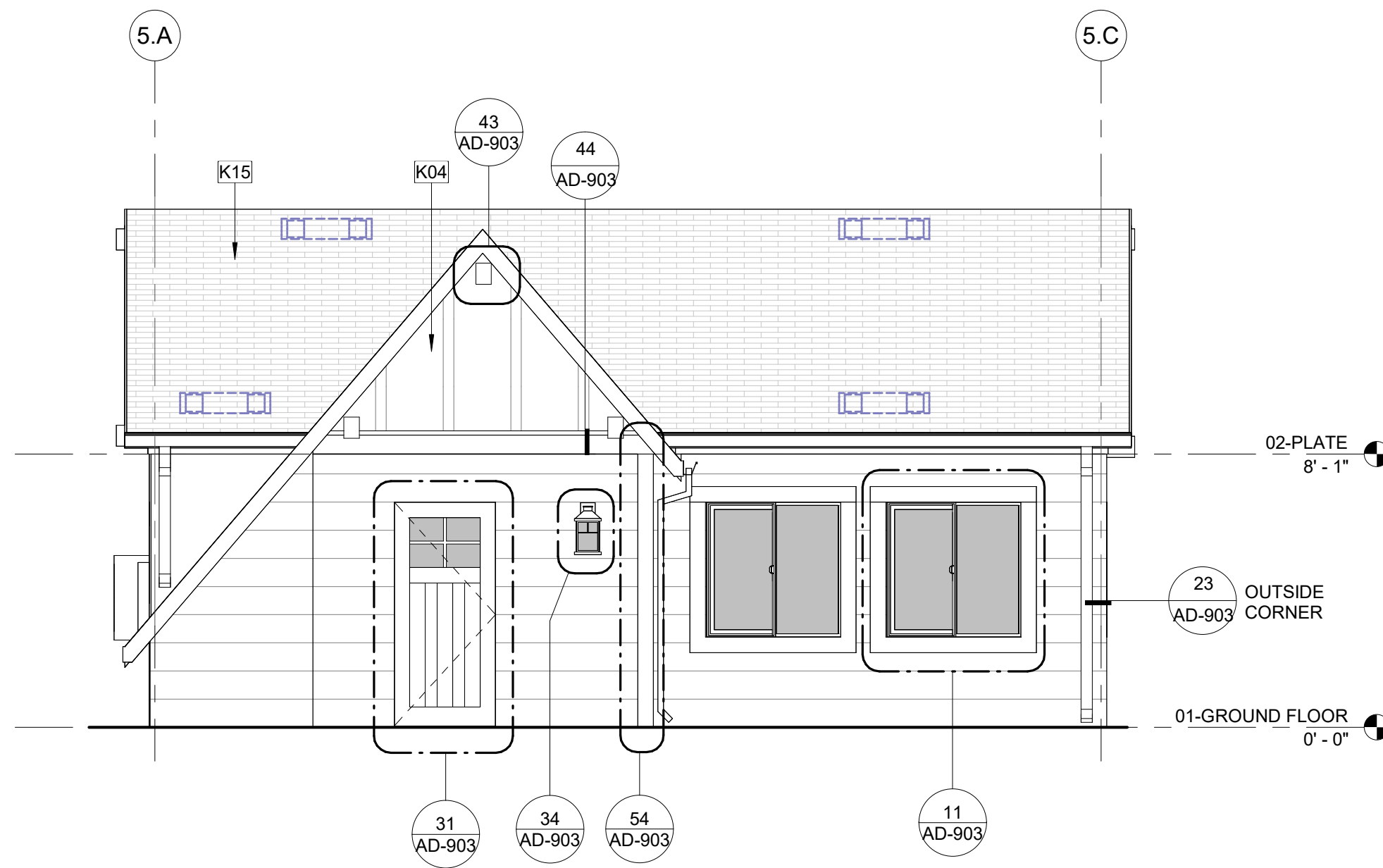
PUBLIC SET



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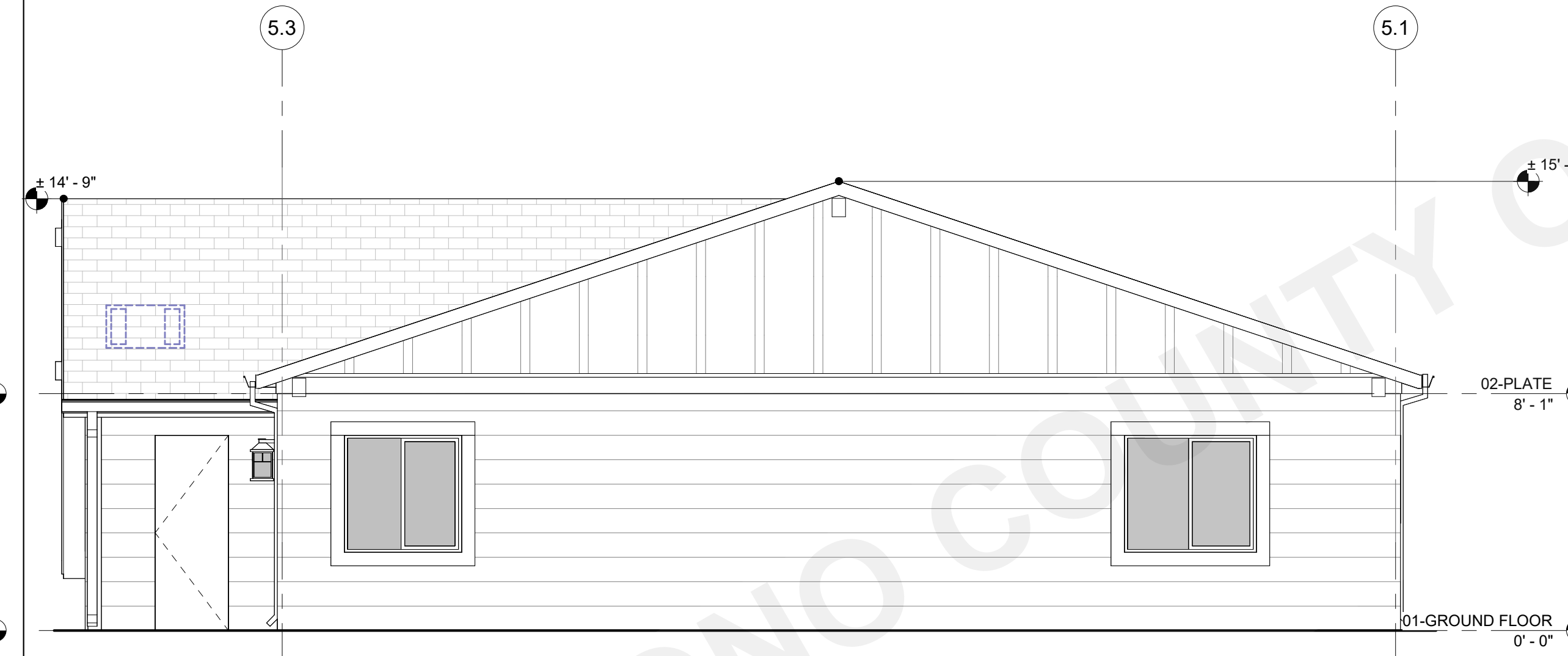
ELEVATION GENERAL NOTES

1. REFER TO GENERAL NOTES SHEET G-101 FOR ADDITIONAL REQUIREMENTS.
2. FRAMING ELEVATIONS, INCLUDING FLOOR PLATES AND FLOOR LEVEL ELEVATIONS ARE MEASURED FROM BUILDING FINISH FLOOR, U.N.O.
3. SEE DETAILS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
4. REFER TO ROOF PLAN FOR ROOF PITCH AND OVERHANGS. FASCIA PER DETAILS.
5. SEE ROOF PLAN FOR APPROXIMATE DOWNSPOUT LOCATIONS, U.N.O.
6. REFER TO DOOR AND WINDOW SCHEDULES AND TYPES FOR DOOR AND WINDOW INFORMATION.
7. SEE ELECTRICAL DRAWINGS FOR EXTERIOR LIGHTING.
8. SEE MECHANICAL DRAWINGS FOR GRILLES AND LOUVERS. PAINT TO MATCH ADJACENT FINISH.
9. CONTRACTOR TO VERIFY COLOR SCHEME WITH OWNER BEFORE PERFORMING THE WORK.



2 PLAN 5 - RURAL MOUNTAIN - RIGHT

A5-101 | A5-201 | SCALE: 1/4" = 1'-0"

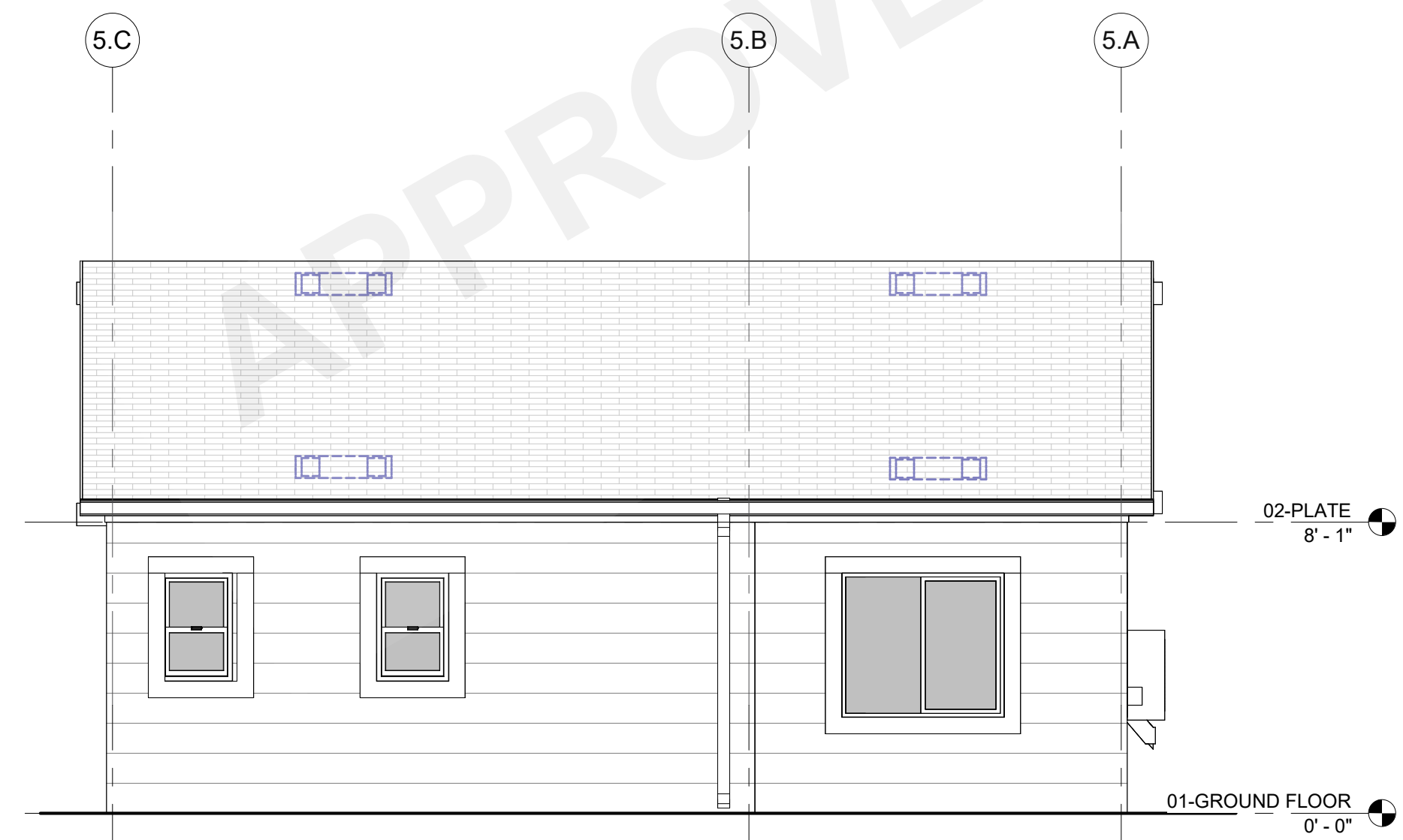


1 PLAN 5 - RURAL MOUNTAIN - REAR

A5-101 | A5-201 | SCALE: 1/4" = 1'-0"

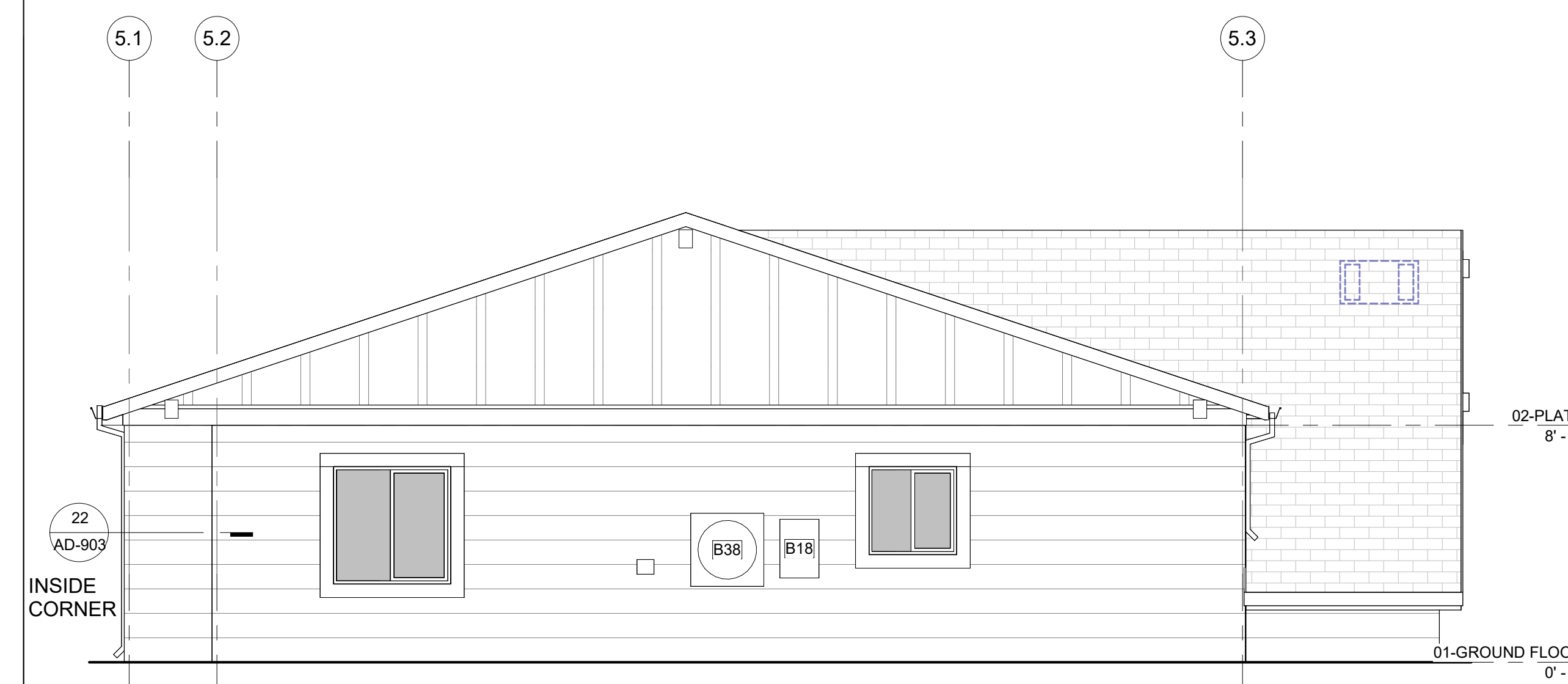
KEYNOTES

- B18 EXTERIOR RATED ELECTRIC SUB PANEL 80 AMP 120/240 VOLT. CONTRACTOR TO VERIFY MAIN PANEL.
- B38 WALL-MOUNTED MULTI-ZONE HEAT PUMP CONDENSING UNIT. REFER TO PLANS FOR LOCATION OF INDOOR FAN COIL UNITS. REFER TO TITLE 24 FOR ADDITIONAL INFORMATION.
- K04 FIBER CEMENT BOARD AND BATTEN SIDING, IN COMPLIANCE WITH 2019 CRC R337
- K15 ASPHALT COMPOSITE ROOF SHINGLES. CLASS A FIRE RATING



3 PLAN 5 - RURAL MOUNTAIN - LEFT

A5-101 | A5-201 | SCALE: 1/4" = 1'-0"



4 PLAN 5 - RURAL MOUNTAIN - FRONT

A5-101 | A5-201 | SCALE: 1/4" = 1'-0"

**MONO COUNTY ADU
PROTOTYPES**
 MONO COUNTY
**EXTERIOR ELEVATION - RURAL
MOUNTAIN**

DATE
01/10/2024

SHEET
A5-201

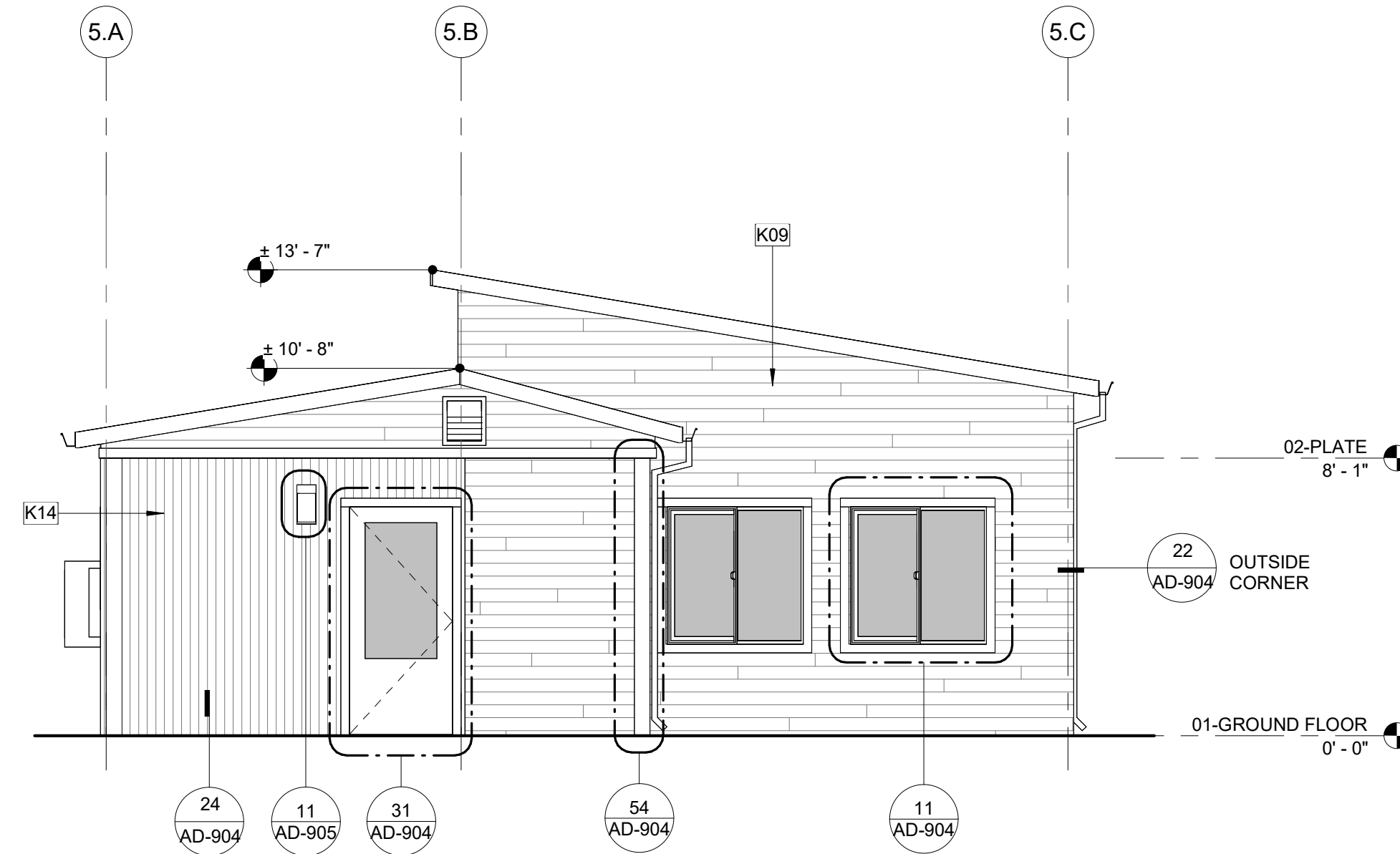
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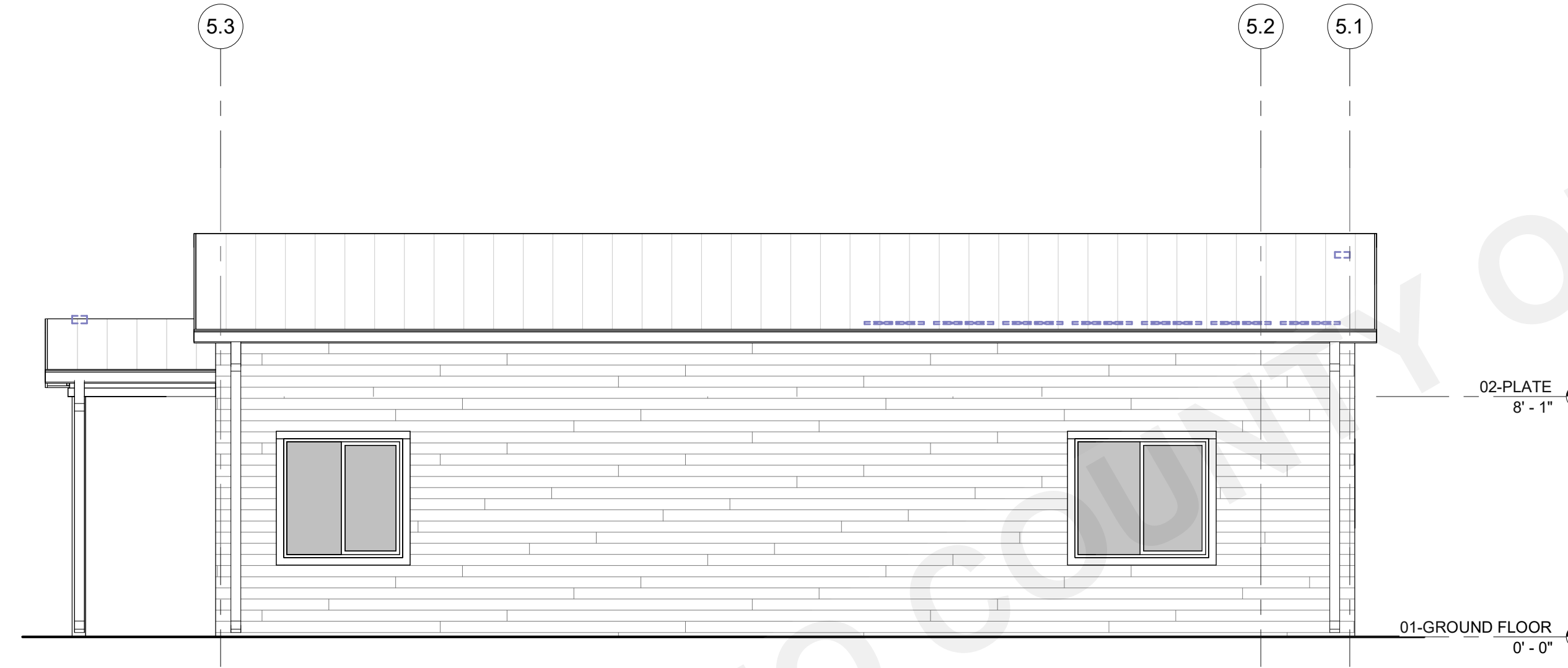
ELEVATION GENERAL NOTES

1. REFER TO GENERAL NOTES SHEET G-101 FOR ADDITIONAL REQUIREMENTS.
2. FRAMING ELEVATIONS, INCLUDING FLOOR PLATES AND FLOOR LEVEL ELEVATIONS ARE MEASURED FROM BUILDING FINISH FLOOR, U.N.O.
3. SEE DETAILS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
4. REFER TO ROOF PLAN FOR ROOF PITCH AND OVERHANGS. FASCIA PER DETAILS.
5. SEE ROOF PLAN FOR APPROXIMATE DOWNSPOUT LOCATIONS, U.N.O.
6. REFER TO DOOR AND WINDOW SCHEDULES AND TYPES FOR DOOR AND WINDOW INFORMATION.
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8. SEE MECHANICAL DRAWINGS FOR GRILLES AND LOUVERS. PAINT TO MATCH ADJACENT FINISH.
9. CONTRACTOR TO VERIFY COLOR SCHEME WITH OWNER BEFORE PERFORMING THE WORK.



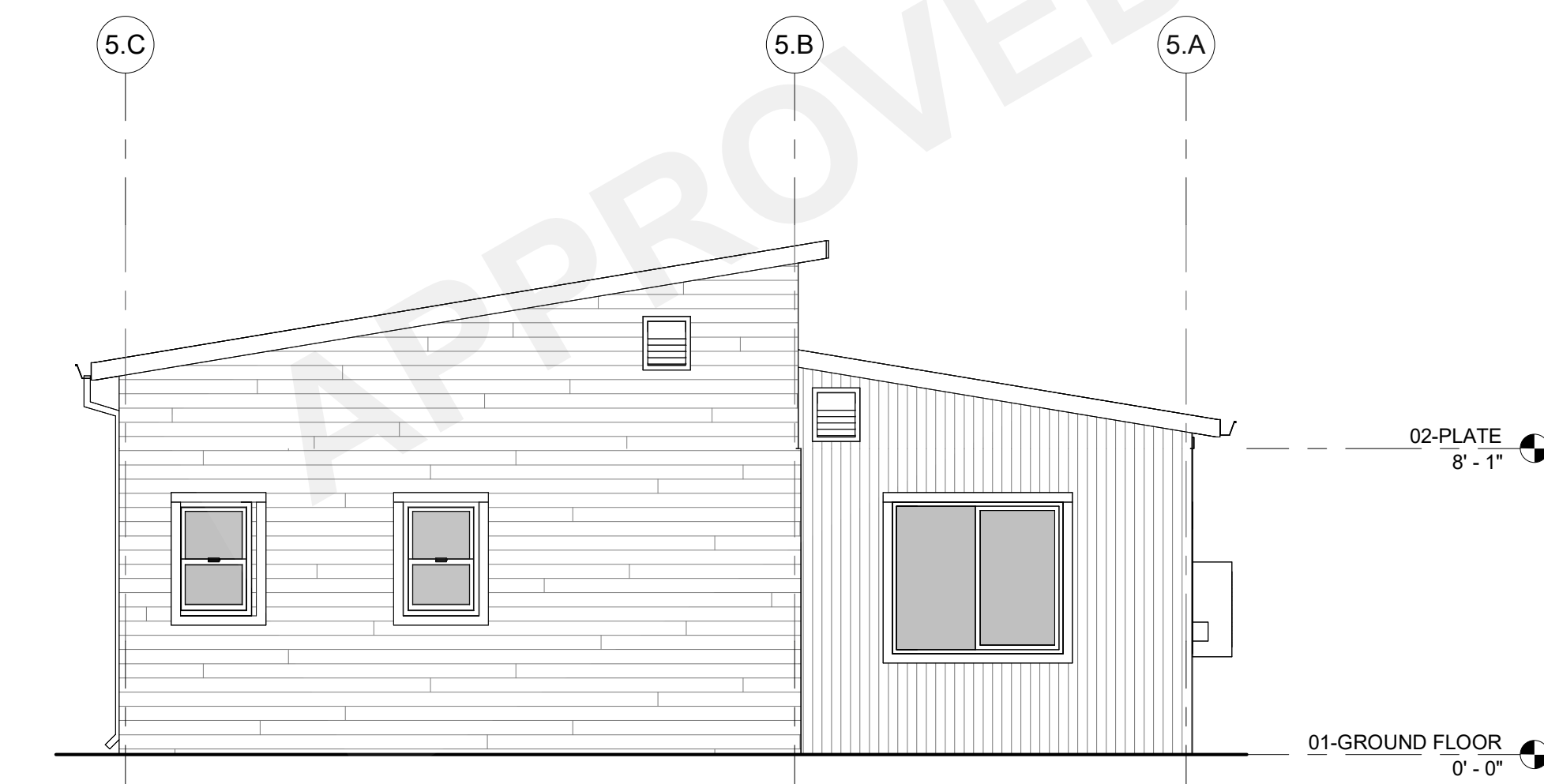
1 PLAN 5 - HIGH DESERT - RIGHT

A5-101 | A5-202 SCALE: 1/4" = 1'-0"



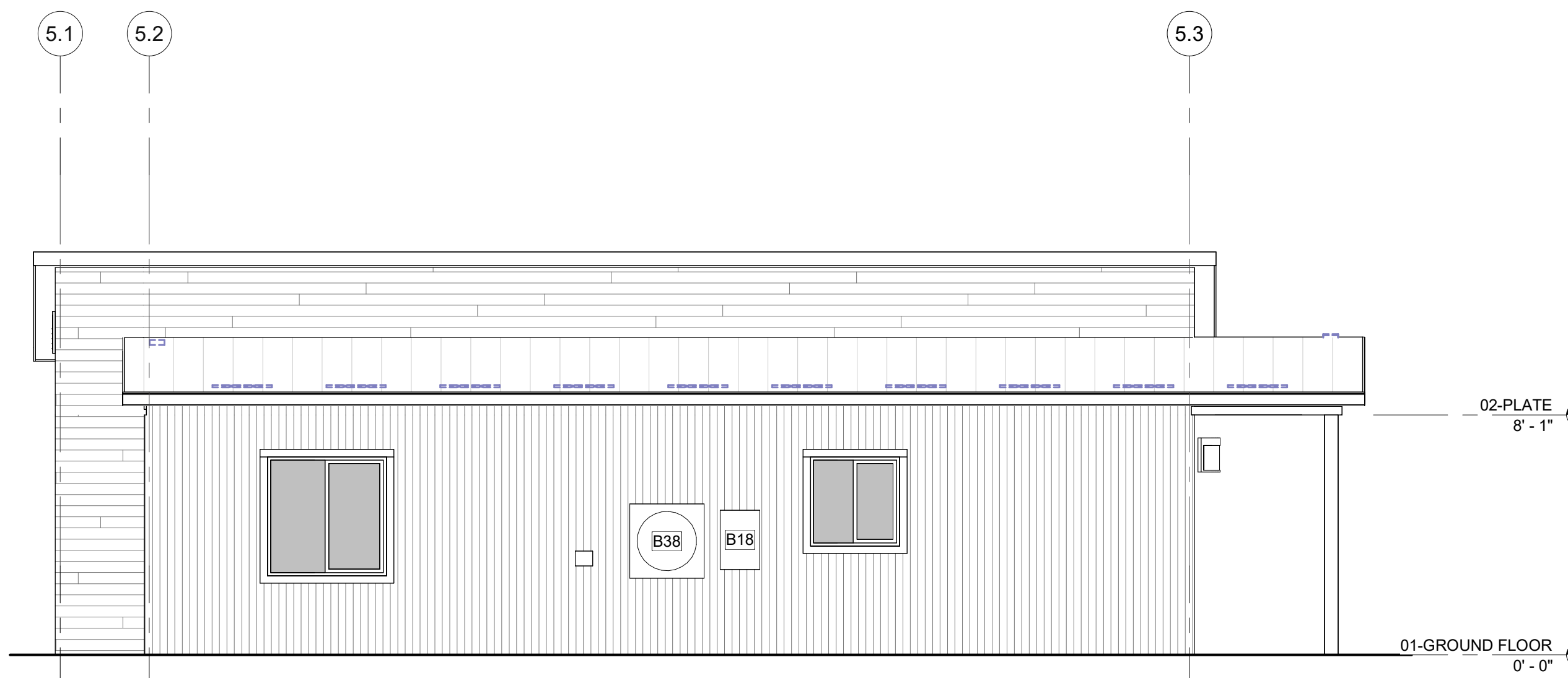
2 PLAN 5 - HIGH DESERT - REAR

A5-101 | A5-202 SCALE: 1/4" = 1'-0"



3 PLAN 5 - HIGH DESERT - LEFT

A5-101 | A5-202 SCALE: 1/4" = 1'-0"



4 PLAN 5 - HIGH DESERT - FRONT

A5-101 | A5-202 SCALE: 1/4" = 1'-0"

KEYNOTES

- B18 EXTERIOR RATED ELECTRIC SUB PANEL 80 AMP 120/240 VOLT. CONTRACTOR TO VERIFY MAIN PANEL.
- B38 WALL-MOUNTED MULTI-ZONE HEAT PUMP CONDENSING UNIT. REFER TO PLANS FOR LOCATION OF INDOOR FAN COIL UNITS. REFER TO TITLE 24 FOR ADDITIONAL INFORMATION.
- K09 FIBER CEMENT HORIZONTAL SIDING, IN COMPLIANCE WITH 2022 CRC R337
- K14 CORRUGATED METAL FINISH.

MONO COUNTY ADU PROTOTYPES
 MONO COUNTY
 EXTERIOR ELEVATION - HIGH DESERT

DATE
01/10/2024

SHEET
A5-202

PUBLIC SET



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SECTIONS GENERAL NOTES

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- WALL ASSEMBLIES TO BE PER FLOOR PLAN.
- DOORS AND WINDOWS TO BE PER APPLICABLE SCHEDULE. REFER TO FLOOR PLANS FOR IDENTIFICATION.
- INSULATION: REFER TO TITLE 24 REPORT AND "INSULATION" NOTES ON SHEET FOR ADDITIONAL RATINGS, REQUIREMENTS, AND INFORMATION.
- FIREBLOCKING TO BE LOCATED AT THE FOLLOWING LOCATIONS PER 2022 **CRC SECTION R302.11**:
 - 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:
 - VERTICALLY AT CEILING AND FLOOR LEVELS
 - HORIZONTALLY AT INTERVALS NOT EXCEEDING 10 FEET.
 - AT INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS SOFFITS, DROP CEILINGS AND COVE CEILINGS
 - IN CONCEALED SPACES BETWEEN STAIR STRINGERS AT THE TOP AND BOTTOM OF THE RUN. ENCLOSED SPACES UNDER STAIRS SHALL COMPLY WITH **SECTION R302.7**.
 - 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.
 - FOR THE FIREBLOCKING OF CHIMNEYS AND FIREPLACES, SEE **SECTION R303.19**
 - FIREBLOCKING OF CORNICES OF A TWO-FAMILY DWELLING IS REQUIRED AT THE LINE OF DWELLING-UNIT SEPARATION.
 - SECTION R302.11.1 - FIREBLOCKING MATERIALS SHALL CONSIST OF FOLLOWING MATERIALS:**
 - TWO-INCH NOMINAL LUMBER
 - TWO THICKNESSES OF ONE-INCH NOMINAL LUMBER WITH BROKEN LAP JOINTS
 - THE THICKNESS OF 0.719-INCH WOOD STRUCTURAL PANELS WITH JOINTS BACKED BY 0.719-INCH WOOD STRUCTURAL PANELS BACKED BY 0.75-INCH PARTICLE BOARD
 - ONE-HALF-INCH GYPSUM BOARD
 - ONE-FOURTH-INCH CEMENT-BASED MILLBOARD
 - BATTS OR BLANKETS OF MINERAL WOOL, MINERAL FIBER OR OTHER APPROVED MATERIAL, INSTALLED IN SUCH A MANNER AS TO BE SECURELY RETAINED IN PLACE
 - CELLULOSE INSULATION INSTALLED AS TESTED IN ACCORDANCE WITH ASTM E119 OR UL 263, FOR THE SPECIFIC APPLICATION.
- 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.

KEYNOTES

- G02 AT [SLAB ON GRADE] CONCRETE FLATWORK, 1/4"/FT SLOPE AWAY FROM BUILDING, AT [RAISED FOUNDATION] 2X COMPOSITE (IGNITION RESISTANT) DECKING, TREX OR EQUAL, OVER 4X6 PT WOOD JOISTS @ 16" O.C. REFER TO DETAILS 41, 51, 52, 54 SHEET AD-902.
- G14 4" CONCRETE SLAB ON GRADE, REFER TO STRUCTURAL PLANS.
- G28 RAISED FLOOR FOUNDATION. REFER TO STRUCTURAL.
- S01 CEILING INSULATION. REFER TO TITLE 24 (R-38 MIN.).
- S04 2X6 WALL INSULATION. REFER TO TITLE 24 (R-21 MIN.).
- T20 FOUNDATION VENTS @ STEM WALL TO BE LOCATED AS APPROPRIATE ON SITE PER CONTRACTOR. REFER TO FOUNDATION CALCS ON BUILDING SECTIONS FOR NUMBER OF VENTS REQUIRED. REFER TO G-101 FOR ADDITIONAL VENTILATION REQUIREMENTS.
- T21 CRAWL SPACE ACCESS PANEL, MINIMUM 18" X 24" PER CBC 1209.1. LOCATION DETERMINED ON SITE PER CONTRACTOR.

FOUNDATION VENTING CALCS

NOTE: PER 2022 **CBC 1202.4**, THE SPACE BETWEEN THE BOTTOM OF THE FLOOR JOISTS AND THE EARTH UNDER ANY BUILDING EXCEPT SPACES OCCUPIED BY BASEMENTS OR CELLARS SHALL BE PROVIDED WITH VENTILATION. REFER TO UNDER-FLOOR VENTING NOTES ON SHEET G-101 FOR ADDITIONAL INFORMATION.

UNDER-FLOOR CALCULATION FORMULA
 NFA OF AIR MOVEMENT PER VENT = 62 SQ.IN/144 IN./FT = 0.430 SF
 VENTS PROVIDED = (451/150) / 0.430 SF

VENT PRODUCT INFO

VENT MANUFACTURER: VULCAN VENTS
 PRODUCT: 8" X 14" FLANGE FRONT OR APPROVED EQUAL
WWW.VULCANVENTS.COM

VENTING-FOUNDATION - CALCULATION - PLAN 5			
UNDER-FLOOR AREA (SF)	REQUIRED FOUNDATION VENTING @ 1/150	FOUNDATION VENTS REQUIRED	FOUNDATION VENTS PROPOSED
1033 SF	6.886667	17	

VENTING-PORCH - CALCULATION - PLAN 5 - RURAL MOUNTAIN				
LOCATION	BALCONY AREA (SF)	REQUIRED BALCONY VENTING @ 1/150	VENT LENGTH REQUIRED (FT)	VENT LENGTH PROPOSED
ENTRY	186 SF	1.241727	3	3

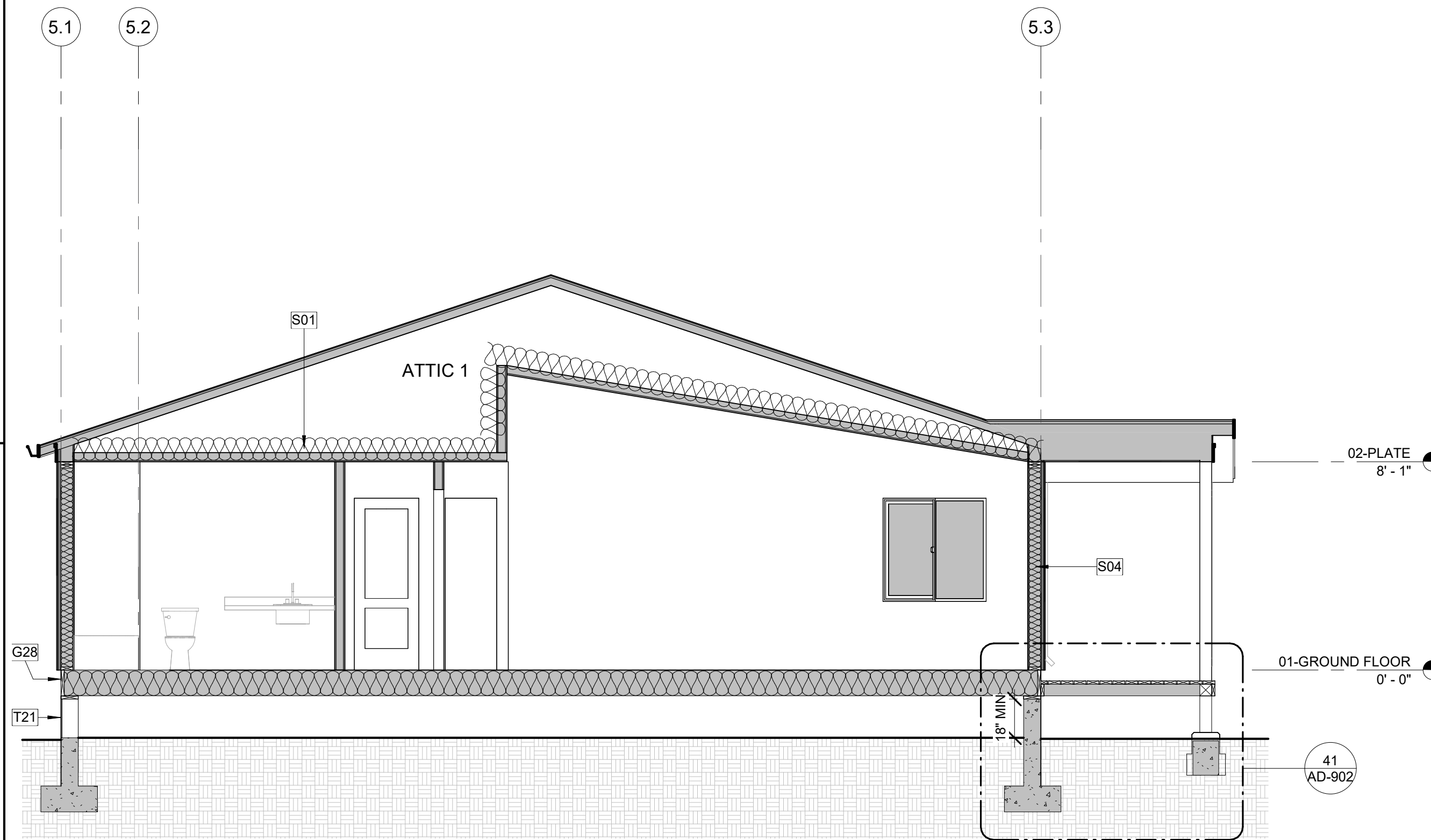
MONO COUNTY ADU PROTOTYPES
 MONO COUNTY
 BUILDING SECTIONS - RURAL MOUNTAIN

PUBLIC SET

DATE
01/10/2024

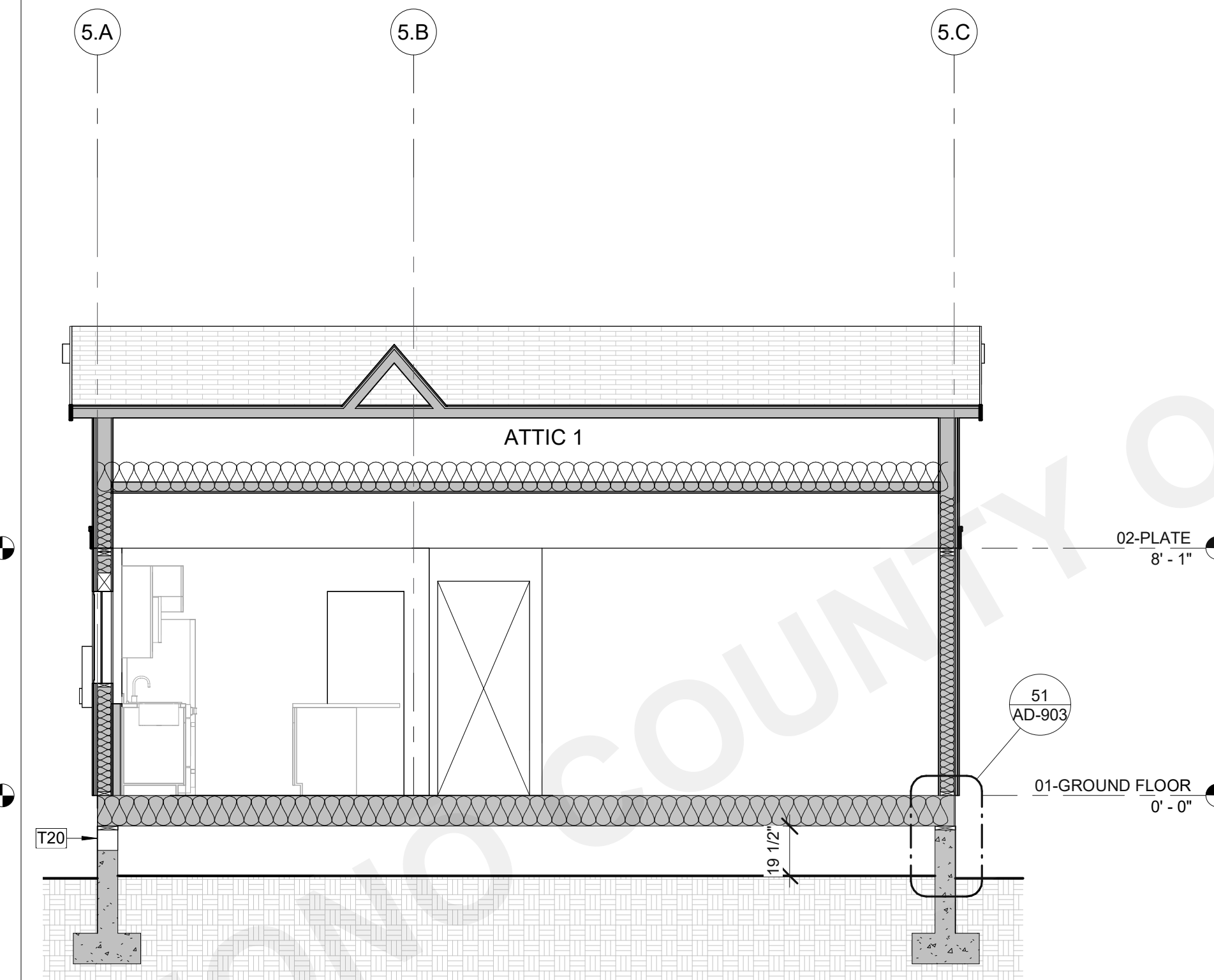
SHEET

A5-301



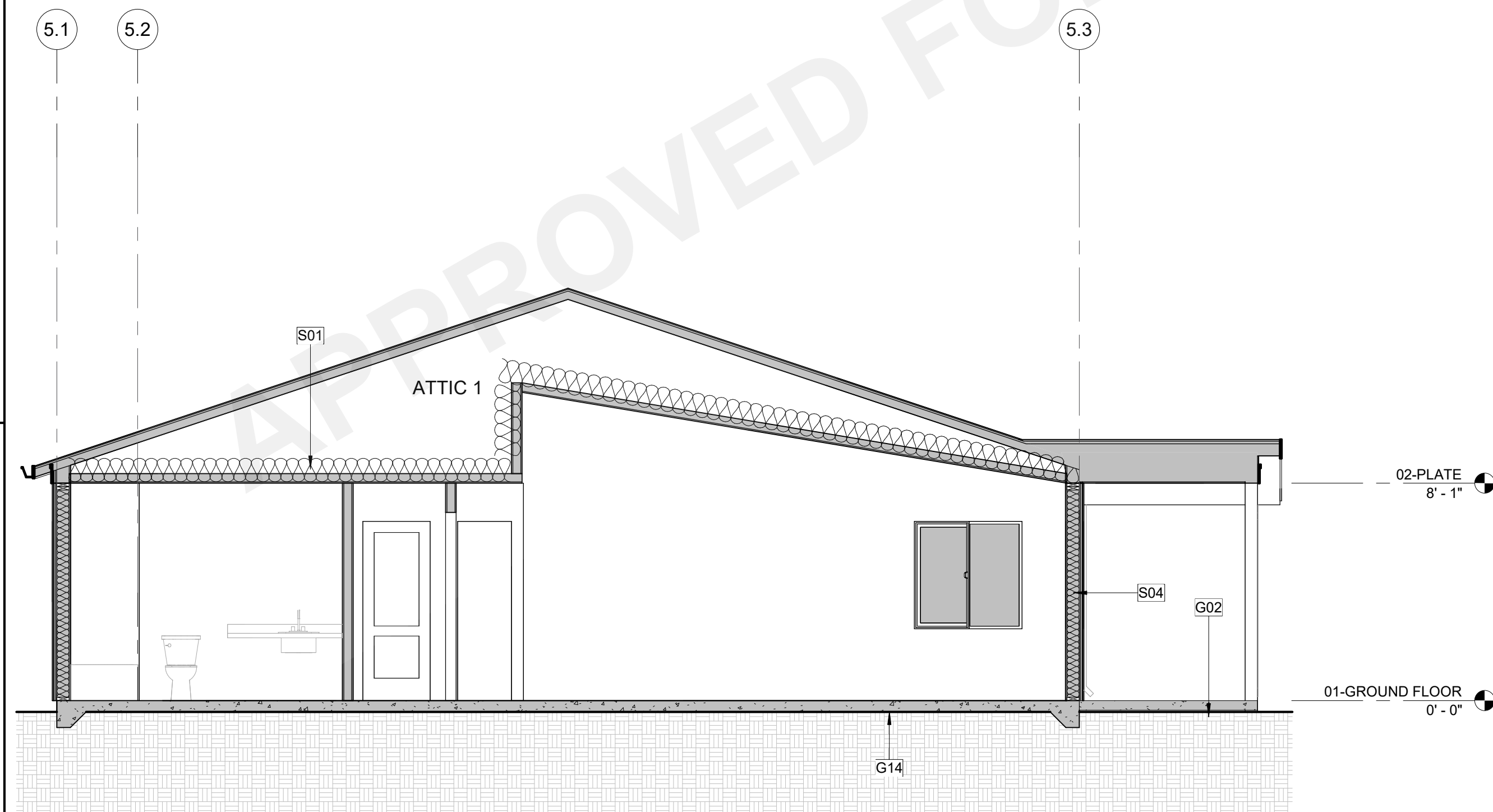
4 PLAN 5 - RM - SECTION 1 - RAISED FOUNDATION

A5-301 SCALE: 1/4" = 1'-0"



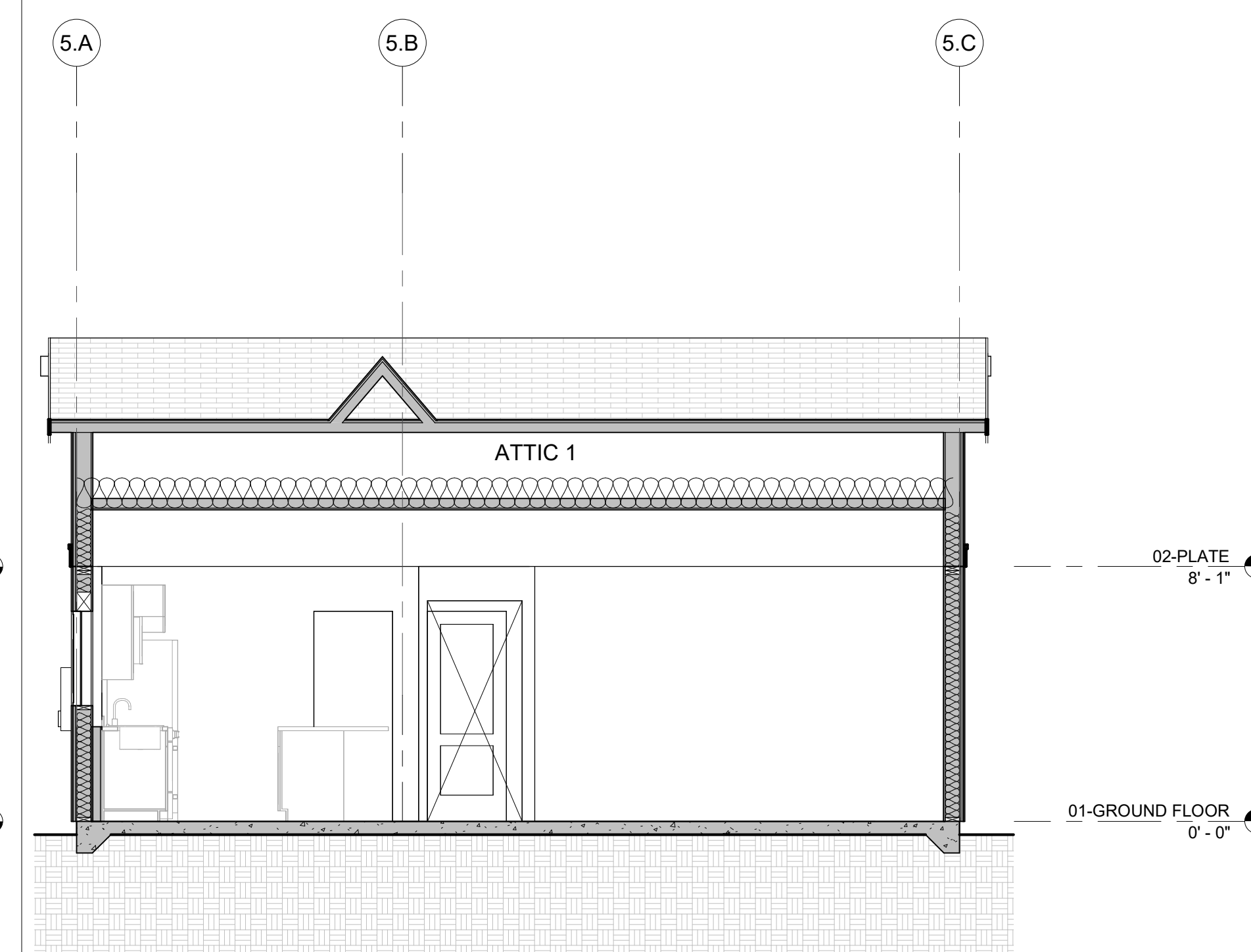
3 PLAN 5 - RM - SECTION 2 - RAISED FOUNDATION

A5-301 SCALE: 1/4" = 1'-0"



1 PLAN 5 - RM - SECTION 1 - SLAB-ON-GRADE

A5-101 | A5-301 SCALE: 1/4" = 1'-0"



2 PLAN 5 - RM - SECTION 2 - SLAB-ON-GRADE

A5-101 | A5-301 SCALE: 1/4" = 1'-0"



MONO COUNTY

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 - THE THICKNESS OF 0.719-INCH WOOD STRUCTURAL PANELS WITH JOINTS BACKED BY 0.719-INCH WOOD STRUCTURAL PANELS
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- G28 RAISED FLOOR FOUNDATION. REFER TO STRUCTURAL.
- S01 CEILING INSULATION. REFER TO TITLE 24 (R-38 MIN.).
- S04 2X6 WALL INSULATION. REFER TO TITLE 24 (R-21 MIN.).
- S06 ROOF INSULATION, UNVENTED ROOF PER CRC 806.5. REFER TO 41/AD-904 FOR DETAIL.
- T20 FOUNDATION VENTS @ STEM WALL TO BE LOCATED AS APPROPRIATE ON SITE PER CONTRACTOR. REFER TO FOUNDATION CALCS ON BUILDING SECTIONS FOR NUMBER OF VENTS REQUIRED. REFER TO G-101 FOR ADDITIONAL VENTILATION REQUIREMENTS.
- T21 CRAWL SPACE ACCESS PANEL, MINIMUM 18" X 24" PER CBC 1209.1. LOCATION DETERMINED ON SITE PER CONTRACTOR.

FOUNDATION VENTING CALCS

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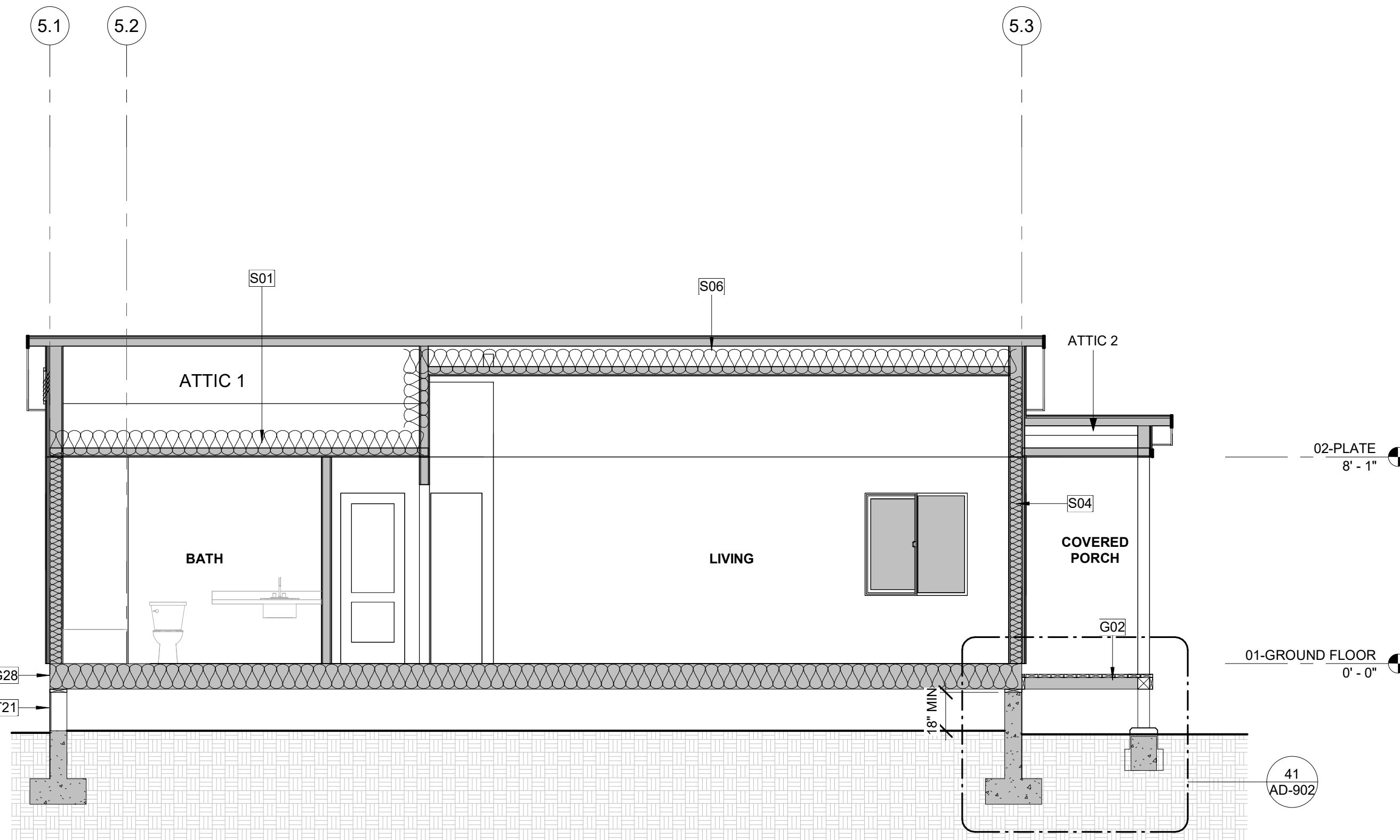
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 PRODUCT: 8" X 14" FLANGE FRONT OR APPROVED EQUAL
WWW.VULCANVENTS.COM

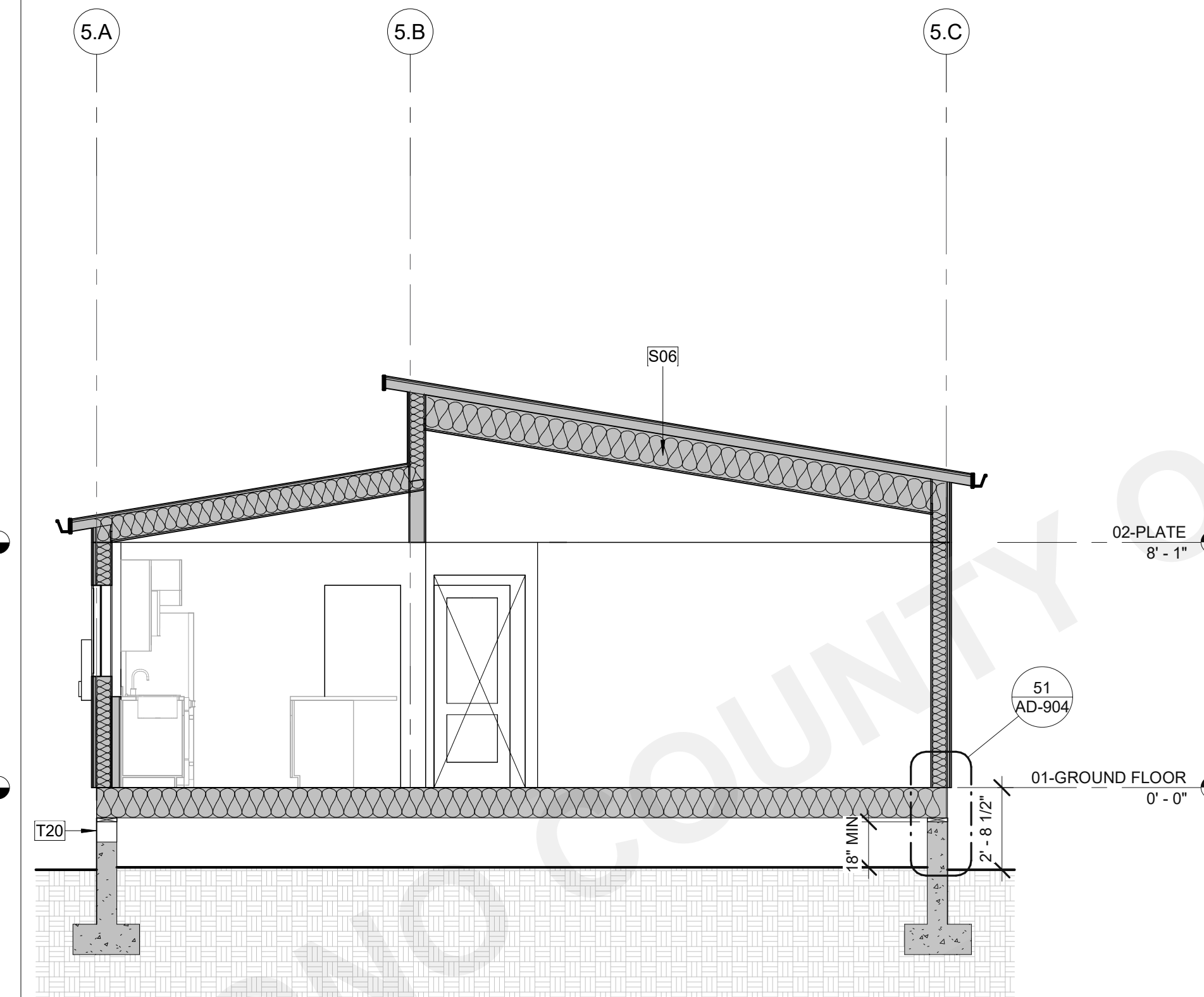
VENTING-FOUNDATION - CALCULATION - PLAN 5			
UNDER-FLOOR AREA (SF)	REQUIRED FOUNDATION VENTING @ 1/150	FOUNDATION VENTS REQUIRED	FOUNDATION VENTS PROPOSED
1033 SF	6.886667	17	

VENTING-PORCH - CALCULATION - PLAN 5 - HIGH DESERT				
LOCATION	BALCONY AREA (SF)	REQUIRED BALCONY VENTING @ 1/150	VENT LENGTH REQUIRED (FT)	VENT LENGTH PROPOSED
ENTRY	79 SF	0.527778	2	2



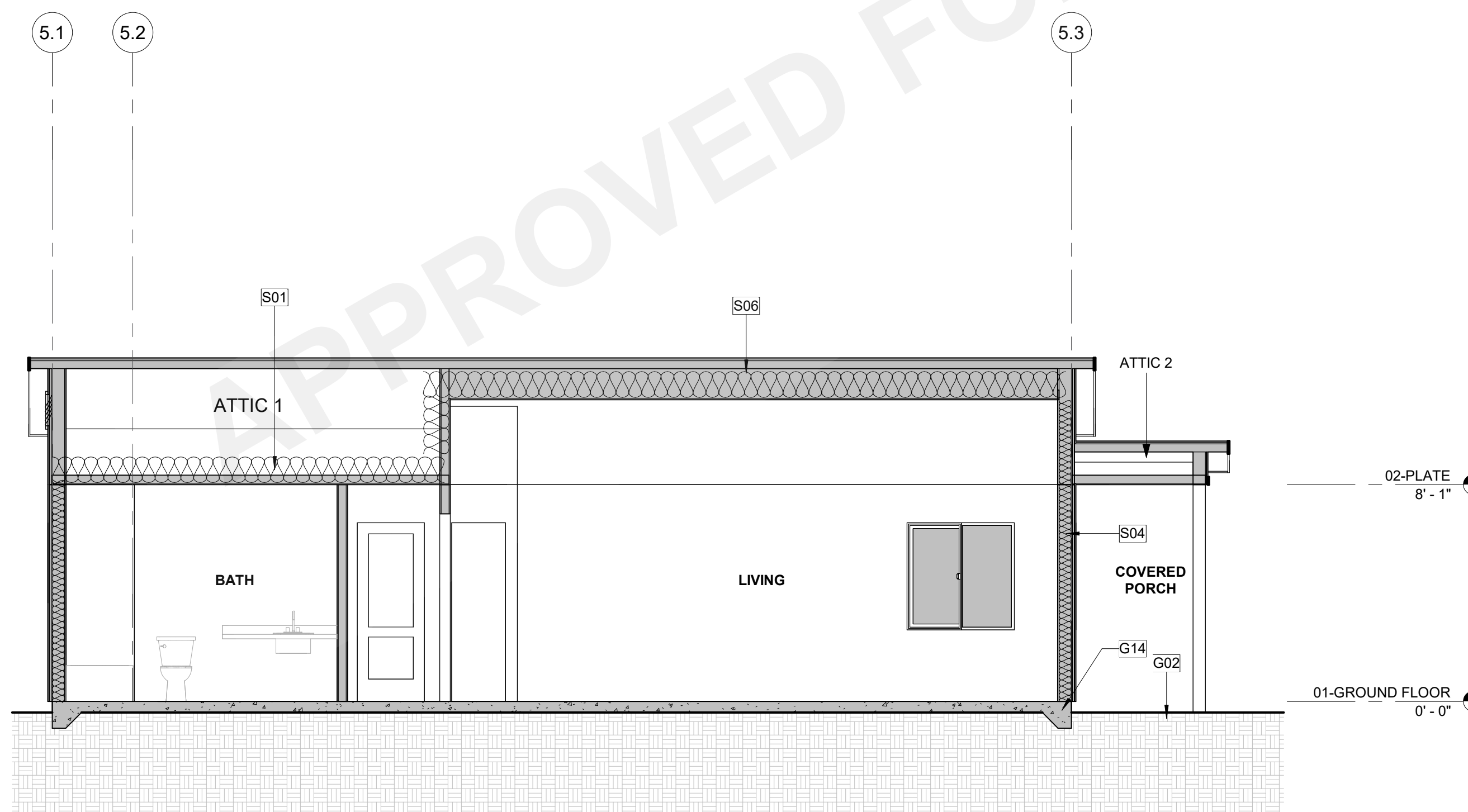
2 PLAN 5 - HD - SECTION 1 - RAISED FOUNDATION

A5-302 SCALE: 1/4" = 1'-0"



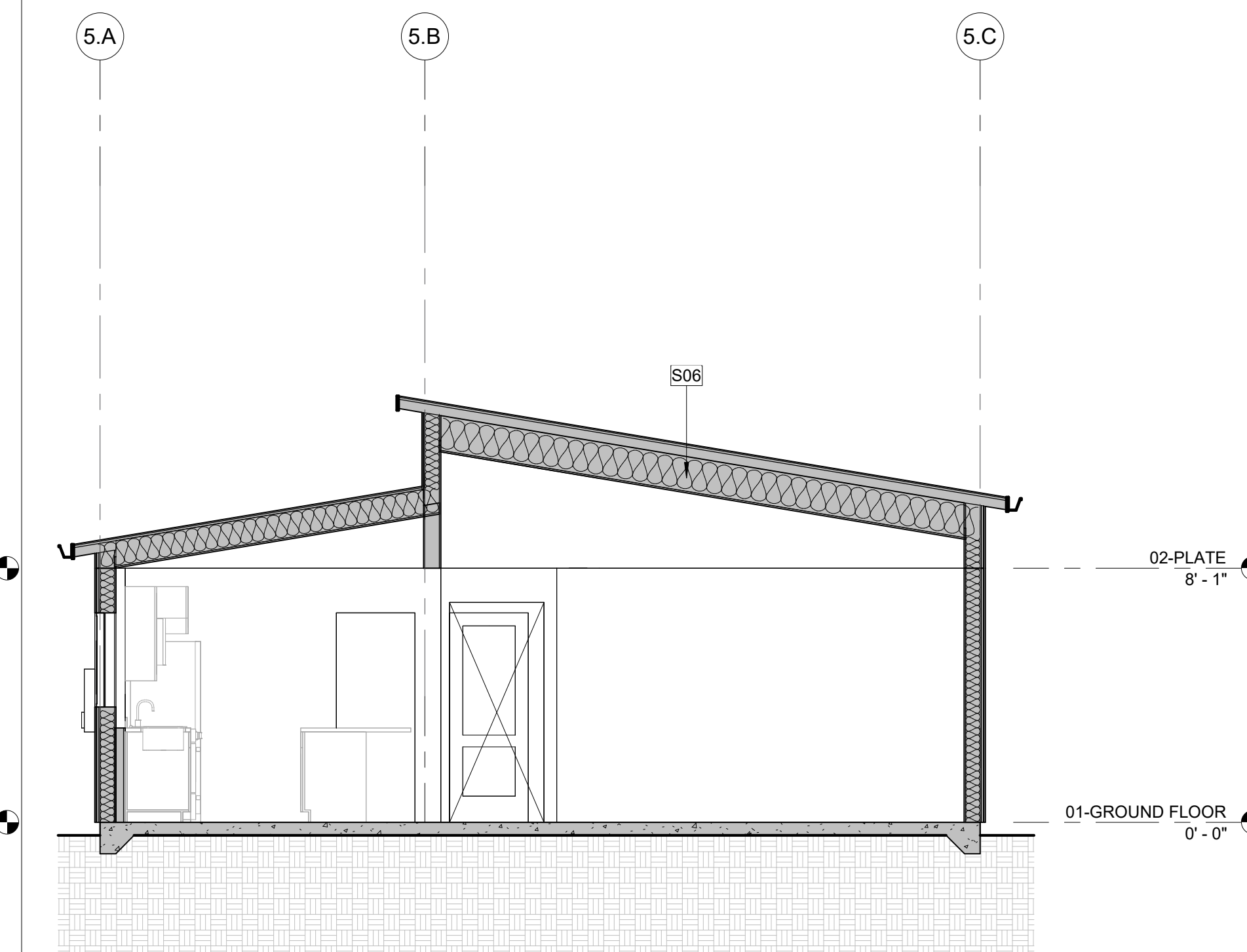
4 PLAN 5 - HD - SECTION 2 - RAISED FOUNDATION

A5-302 SCALE: 1/4" = 1'-0"



1 PLAN 5 - HD - SECTION 1 - SLAB-ON-GRADE

A5-101 | A5-302 SCALE: 1/4" = 1'-0"



3 PLAN 5 - HD - SECTION 2 - SLAB-ON-GRADE

A5-101 | A5-302 SCALE: 1/4" = 1'-0"

MONO COUNTY ADU
 PROTOTYPES
 MONO COUNTY
 BUILDING SECTIONS - HIGH
 DESERT

DATE
01/10/2024

SHEET

A5-302

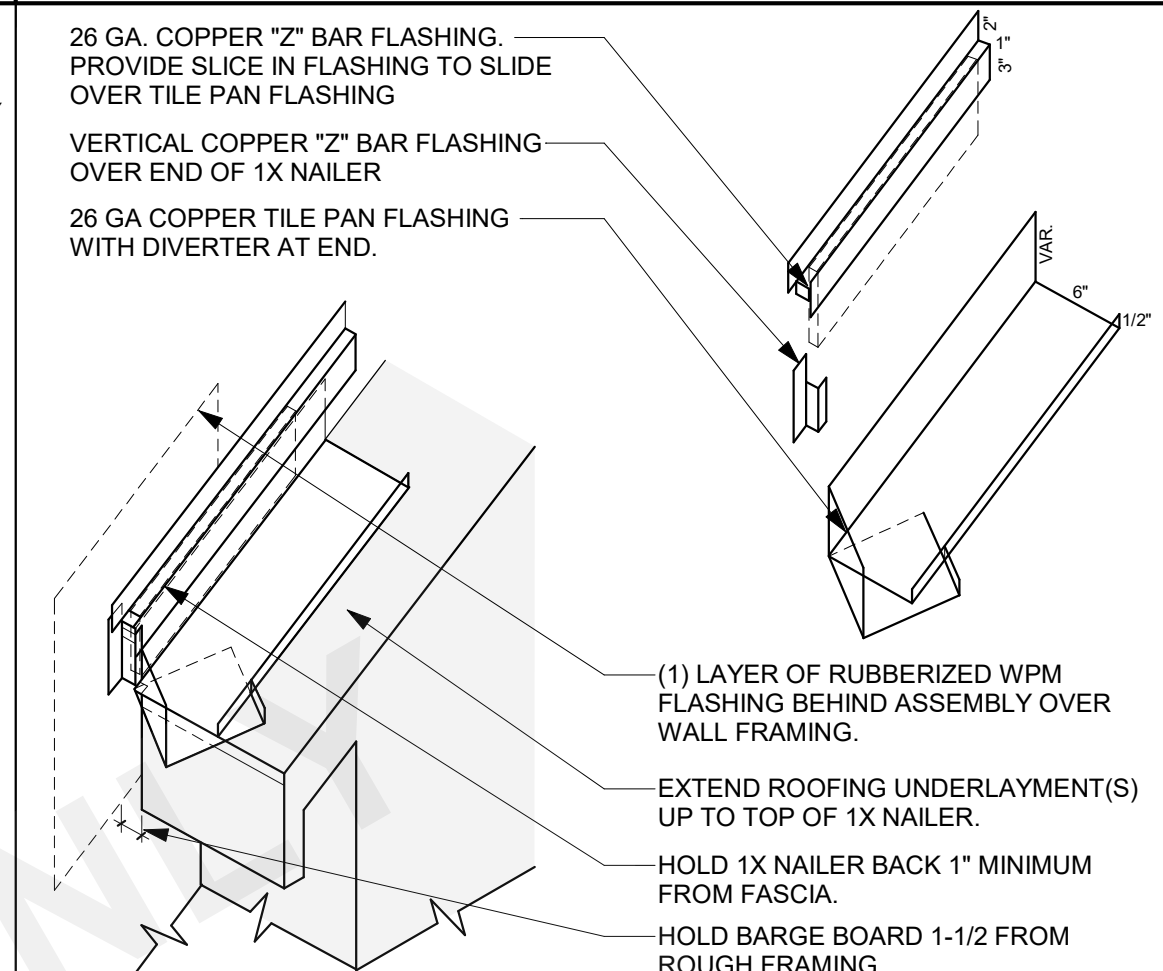
PUBLIC SET



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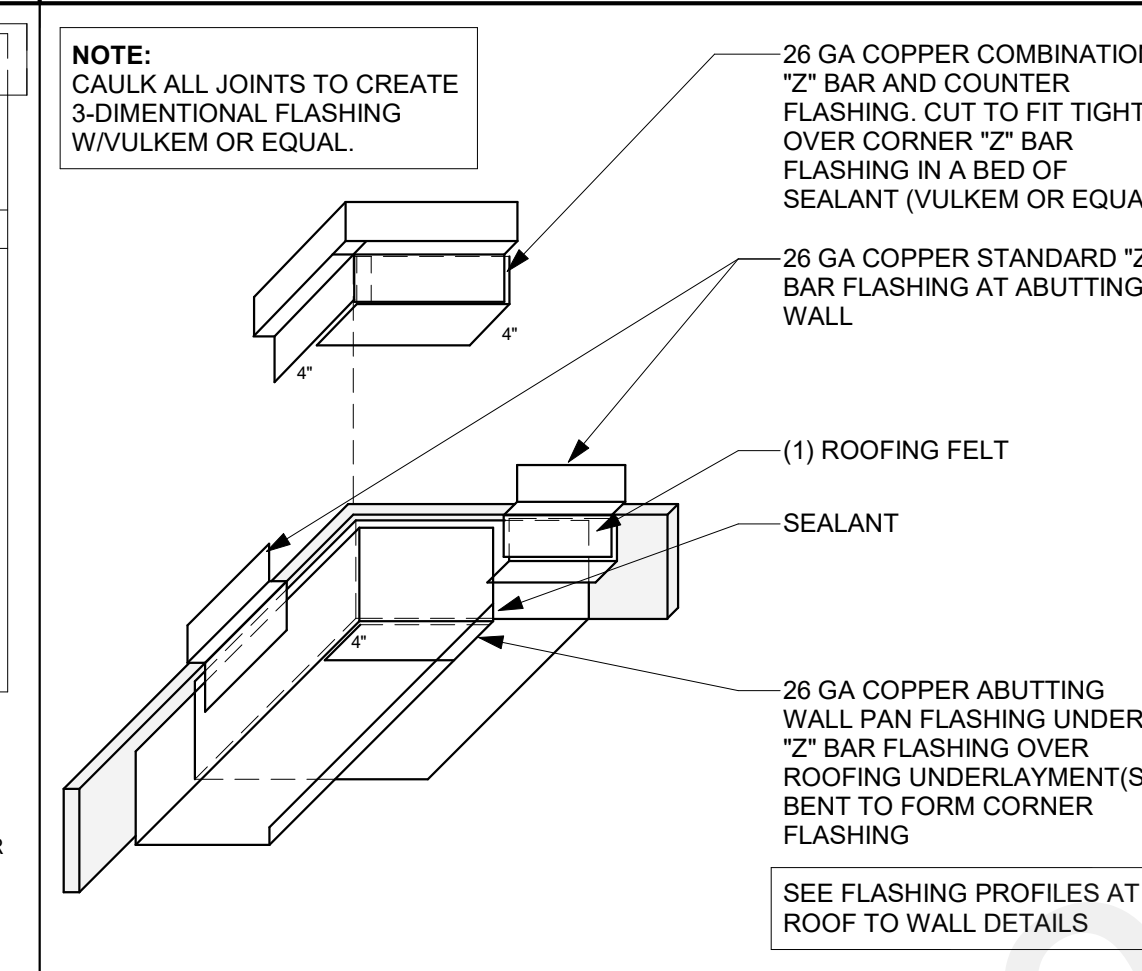
MONO COUNTY ADU PROTOTYPES
MONO COUNTY
ARCHITECTURAL DETAILS - COMMON

DATE
01/10/2024
SHEET
AD-901



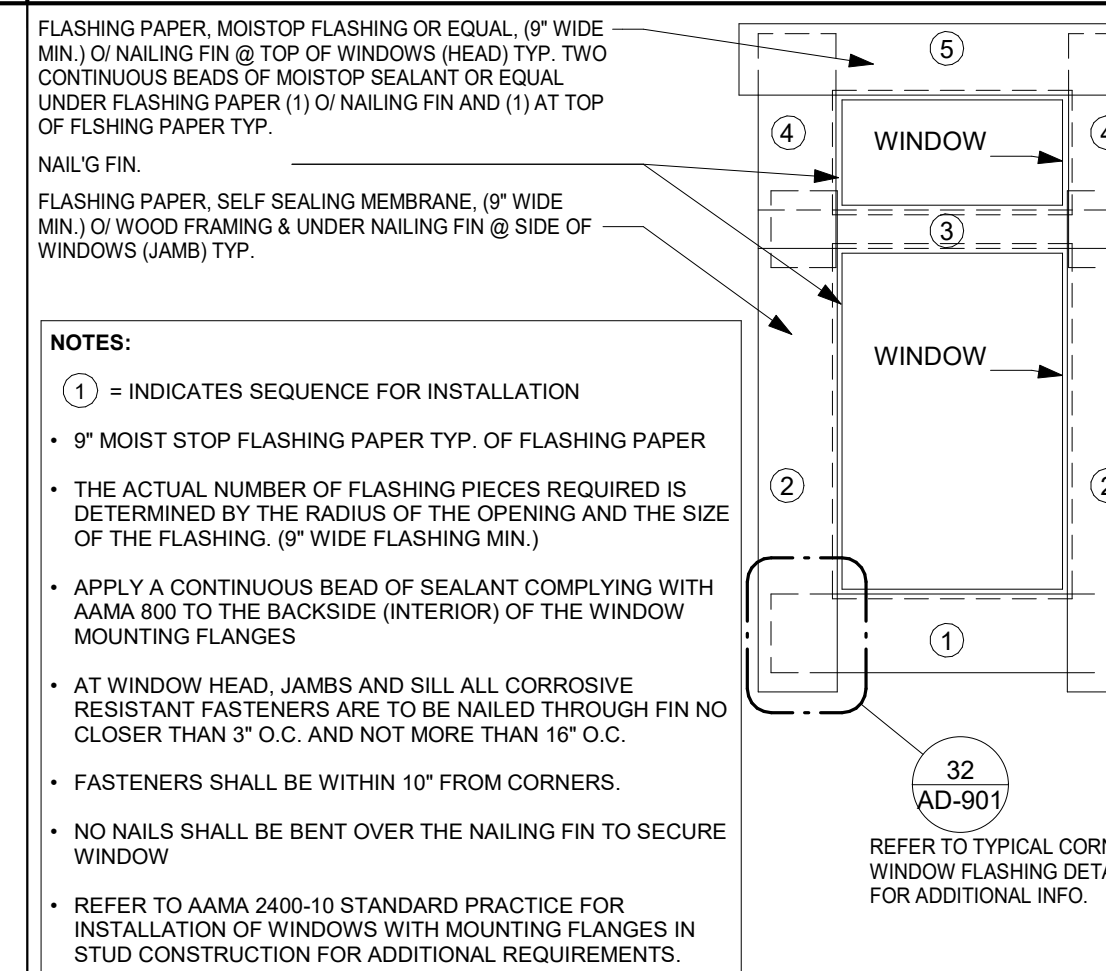
11 ROOF TO WALL TYP. FLASHING 1

SCALE: 6" = 1'-0"



21 ROOF TO WALL TYP. FLASHING 5

SCALE: 3" = 1'-0"



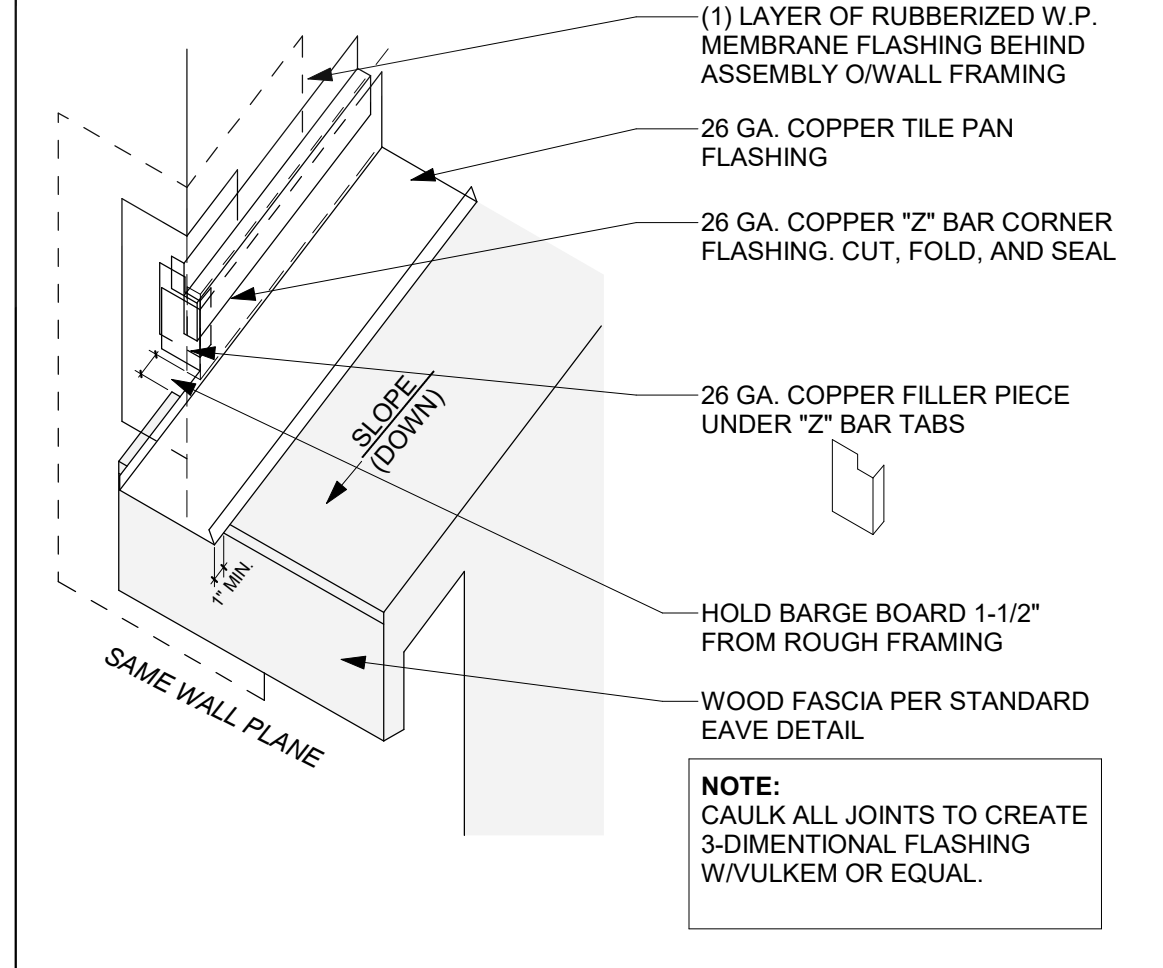
31 FLASHING - WINDOW TYP.

SCALE: 12" = 1'-0"



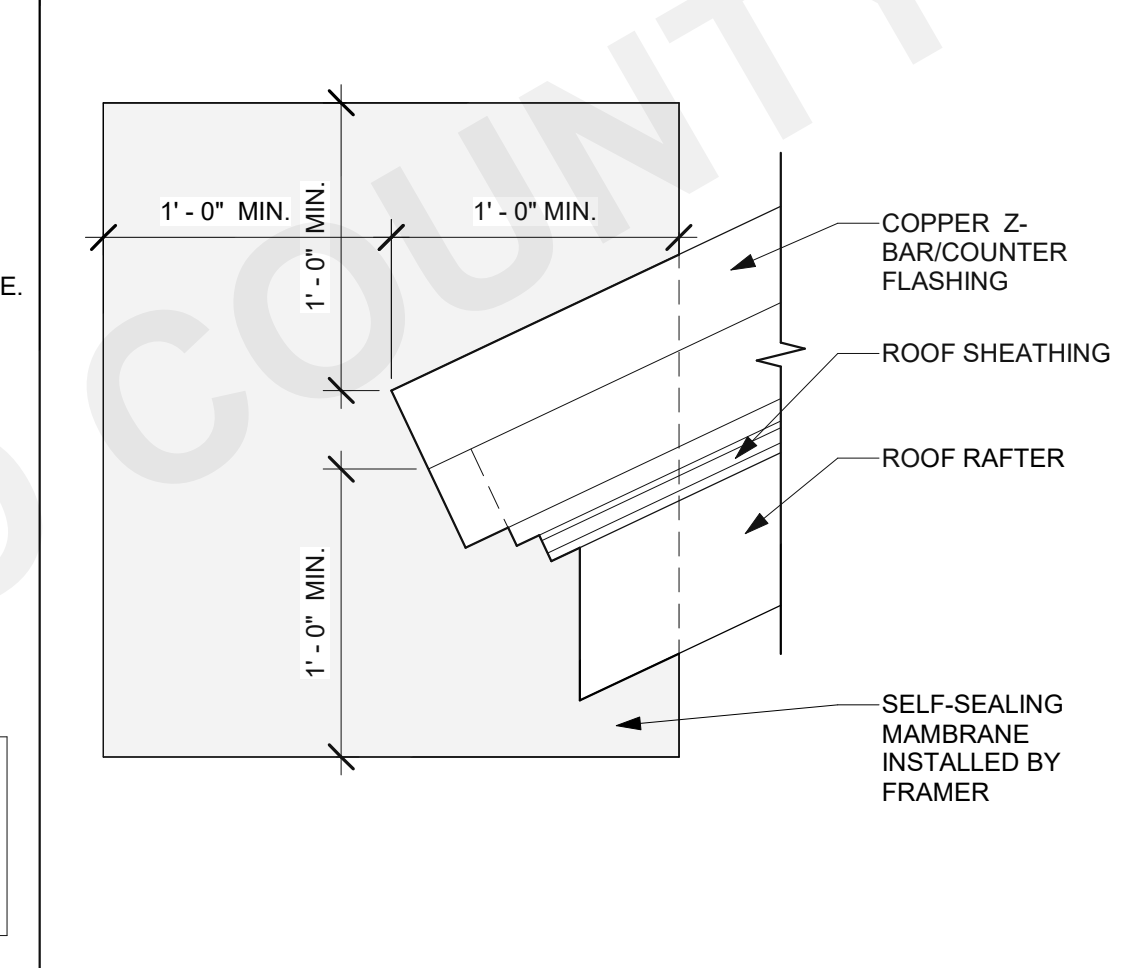
42 FLASHING - G.I. VENT

SCALE: 1" = 1'-0"



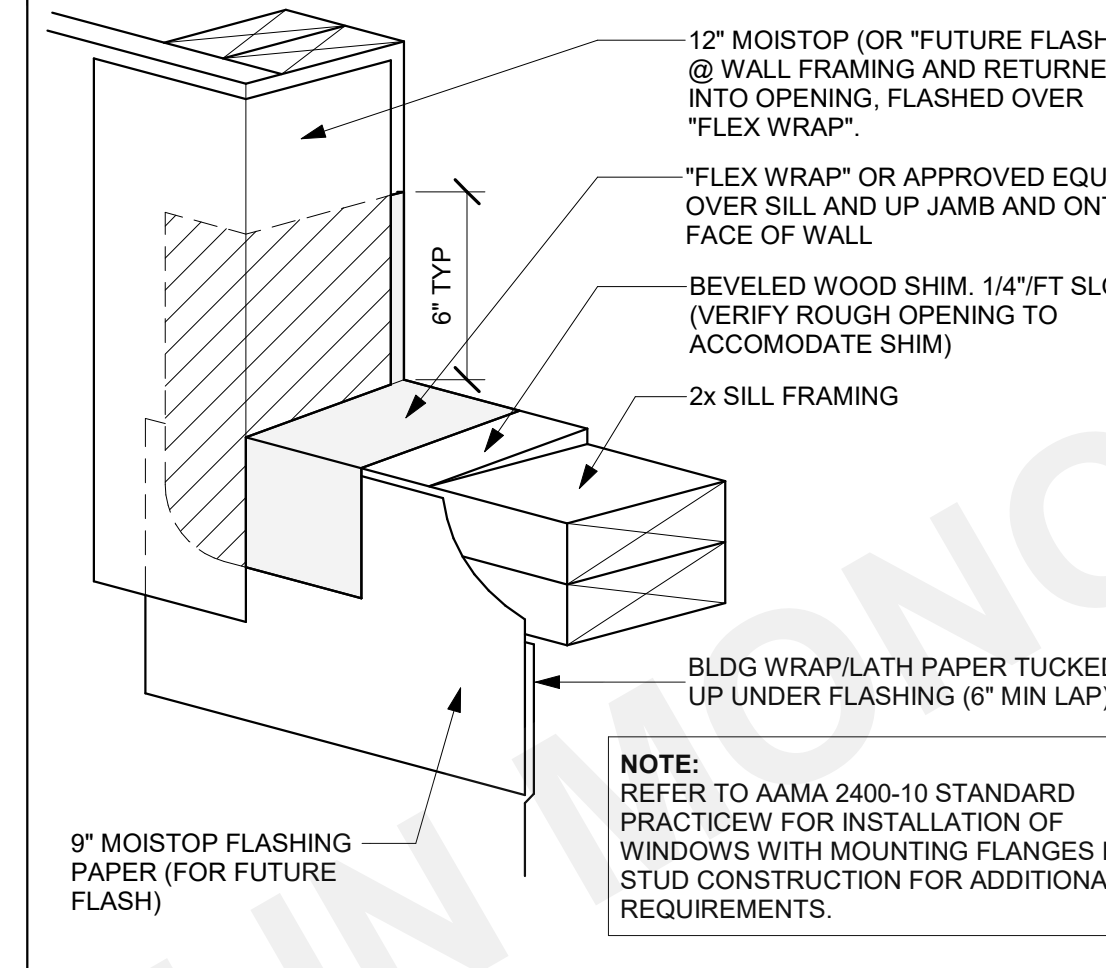
12 ROOF TO WALL TYP. FLASHING 2

SCALE: 3" = 1'-0"



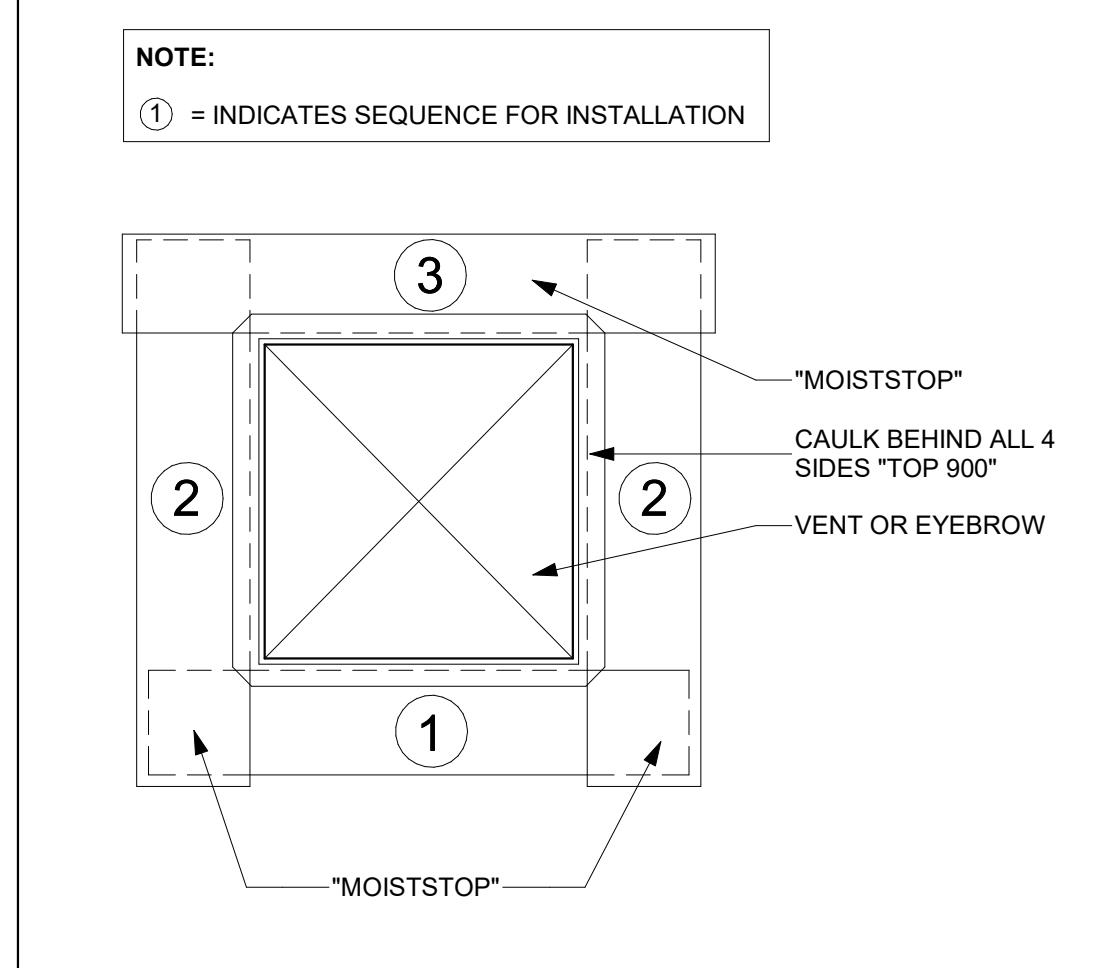
22 FLASHING - FASCIA TO WALL TYP.

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



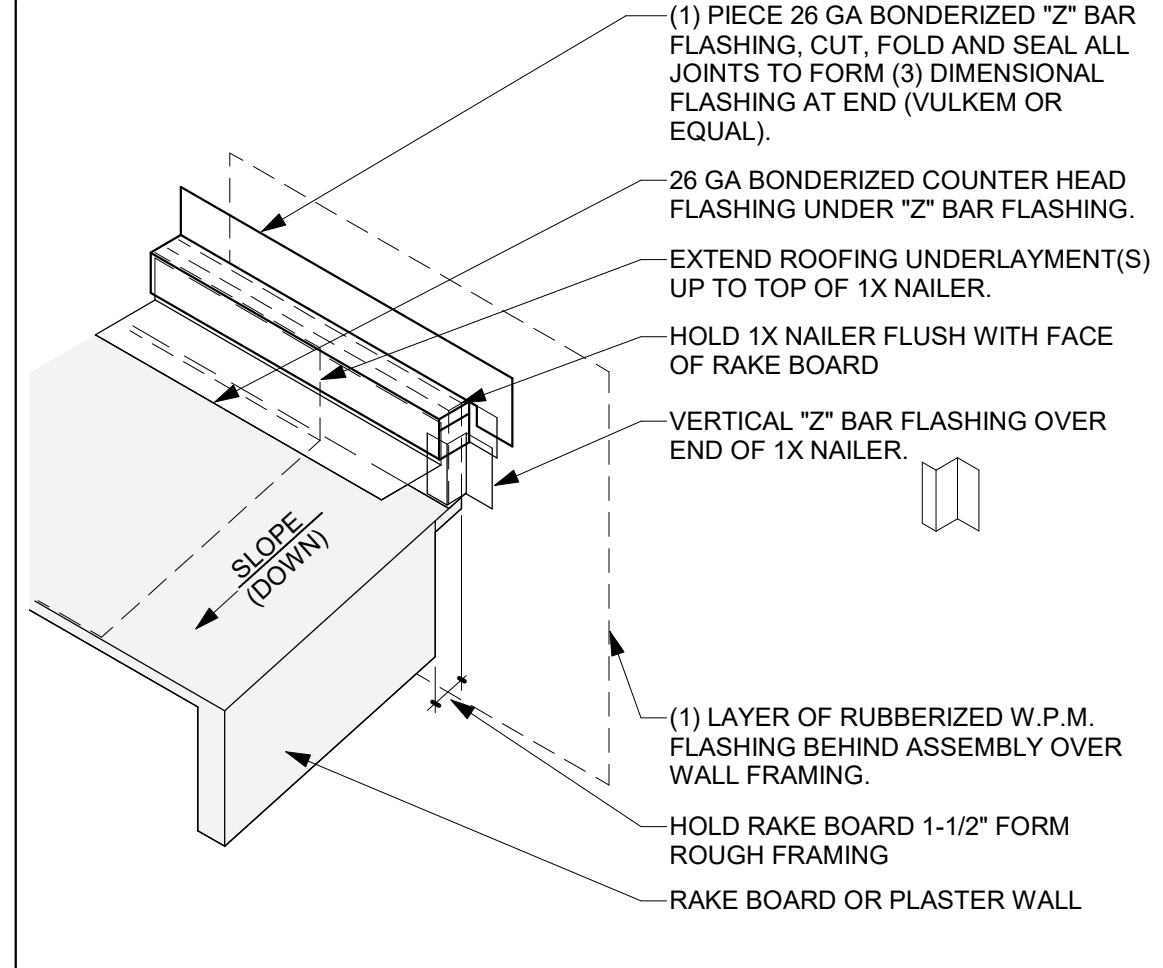
32 FLASHING - WINDOW CORNER TYP.

SCALE: 12" = 1'-0"



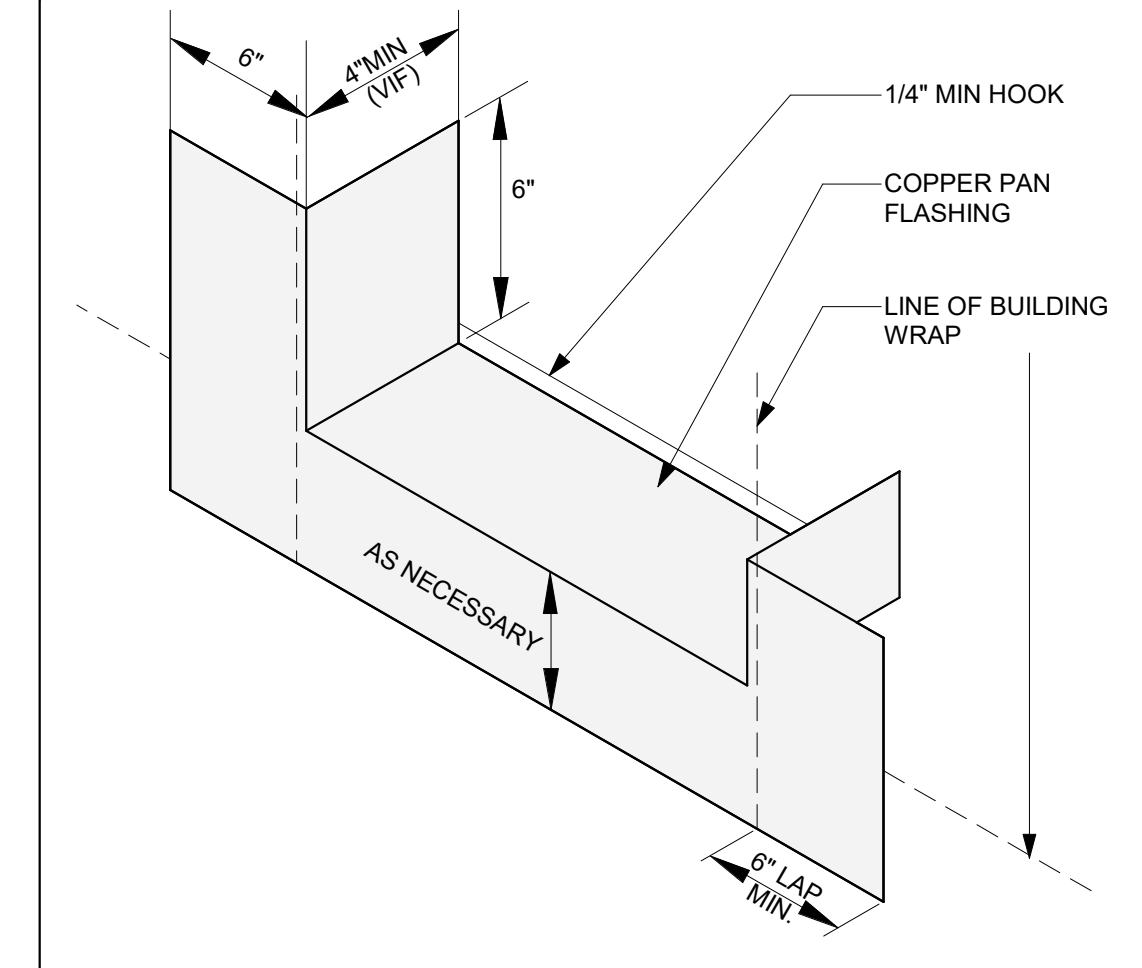
44 FLASHING - WINDOW TYP.

SCALE: 1" = 1'-0"



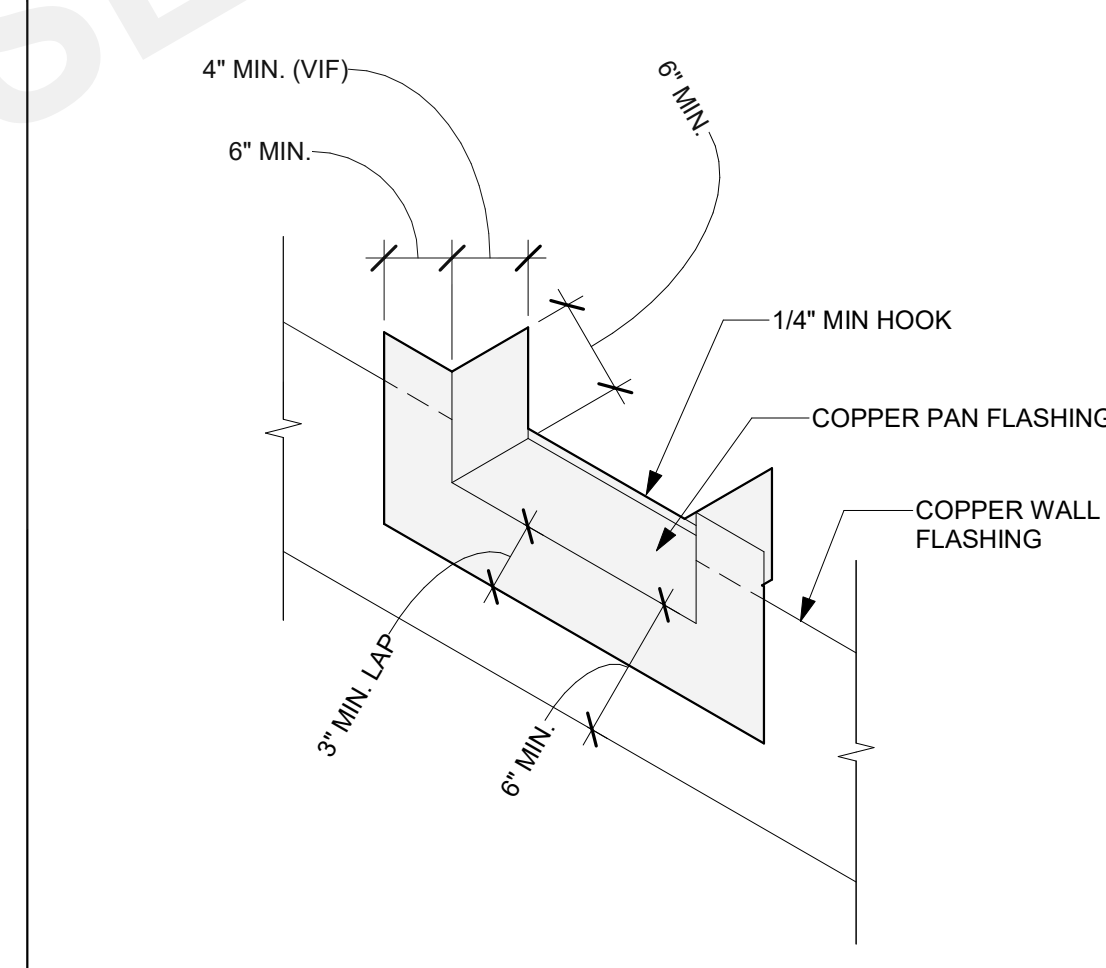
13 ROOF TO WALL TYP. FLASHING 3

SCALE: 3" = 1'-0"



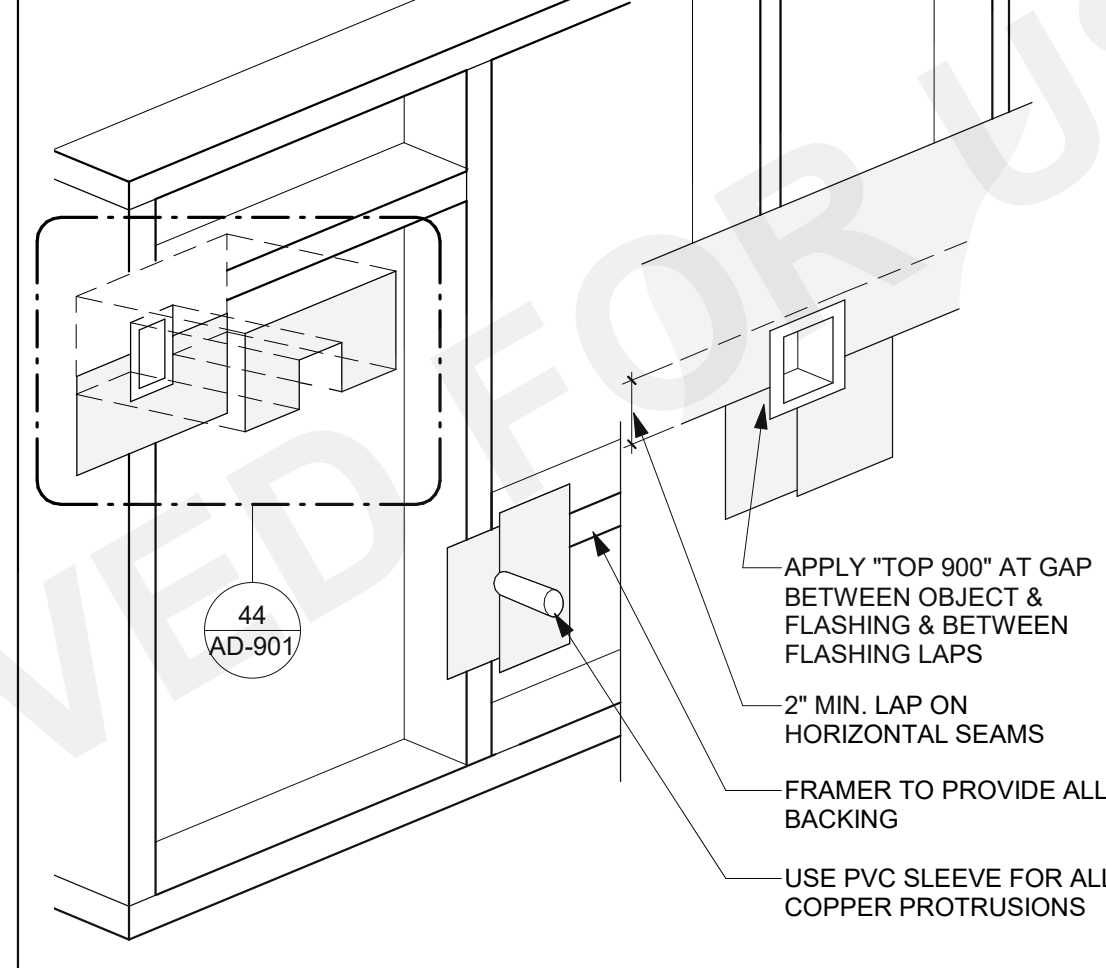
23 FLASHING PAN @ DOOR THRESHOLD

SCALE: 3" = 1'-0"



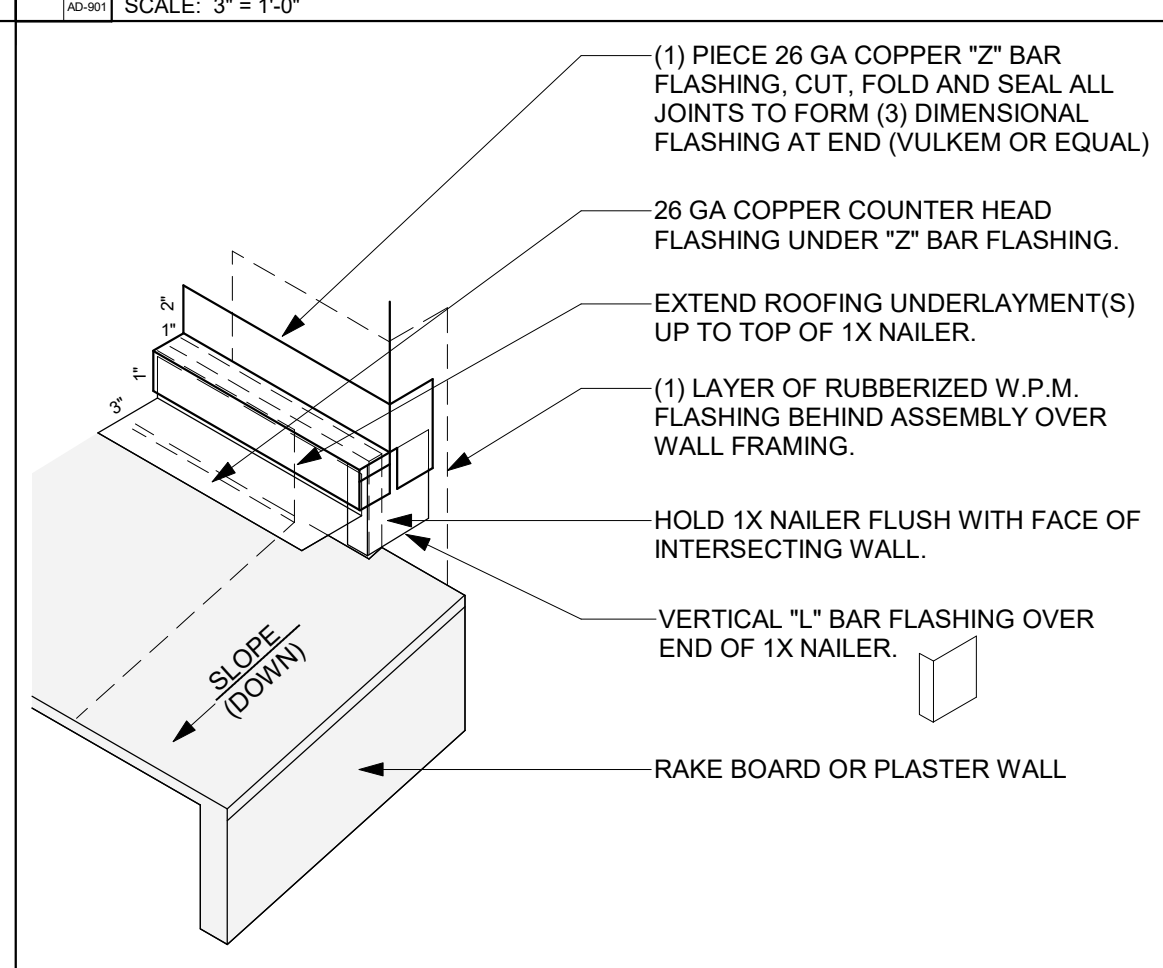
33 FLASHING - DOOR AT GRADE

NTS



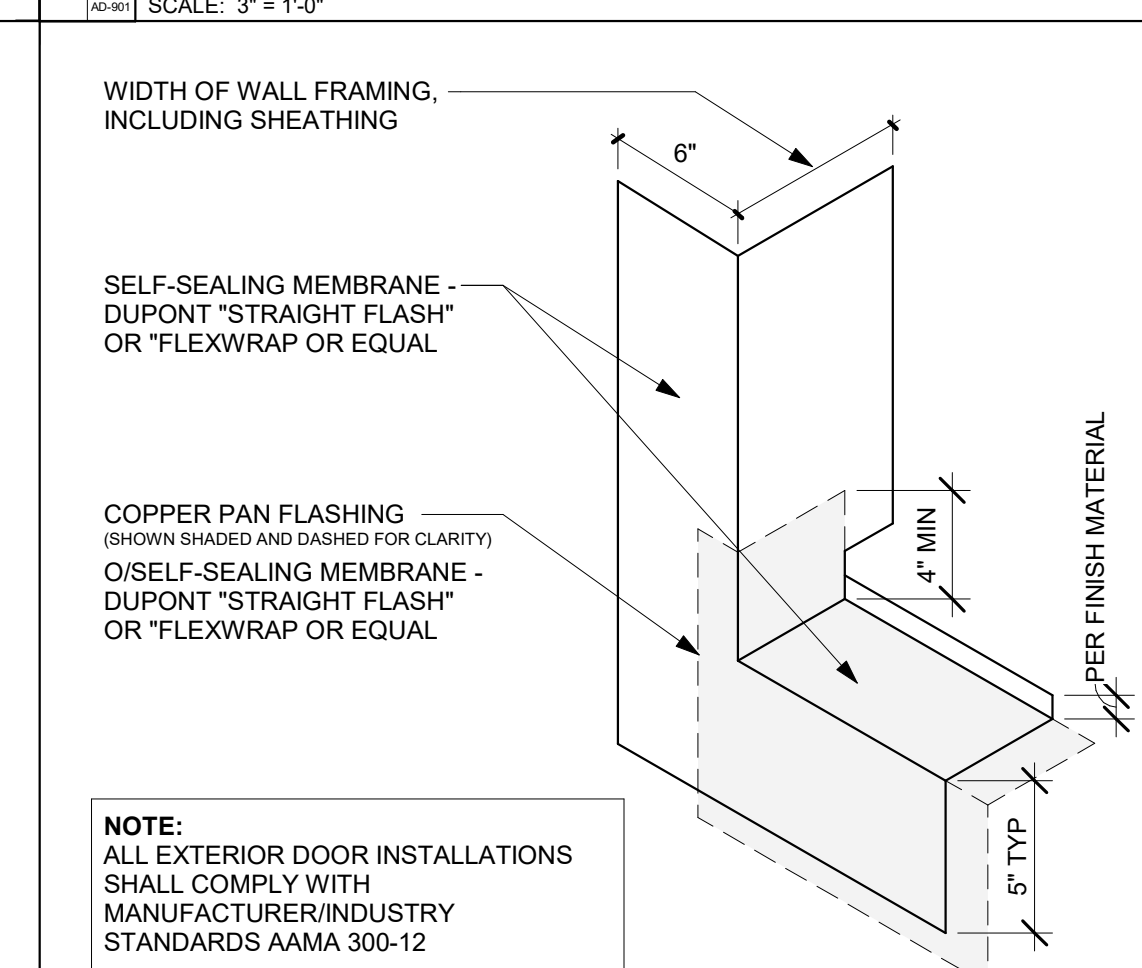
43 FLASHING - PROTRUSIONS

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



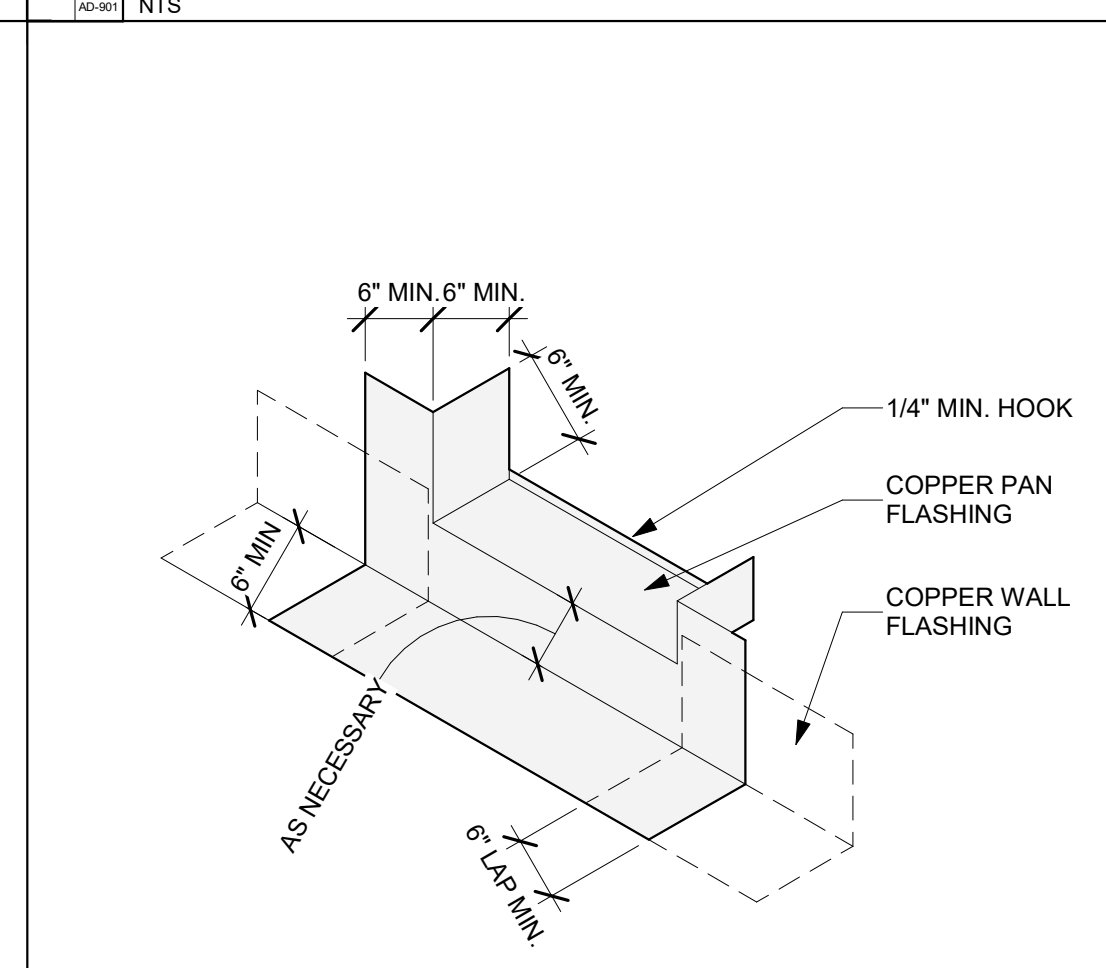
14 ROOF TO WALL TYP. FLASHING 4

SCALE: 3" = 1'-0"



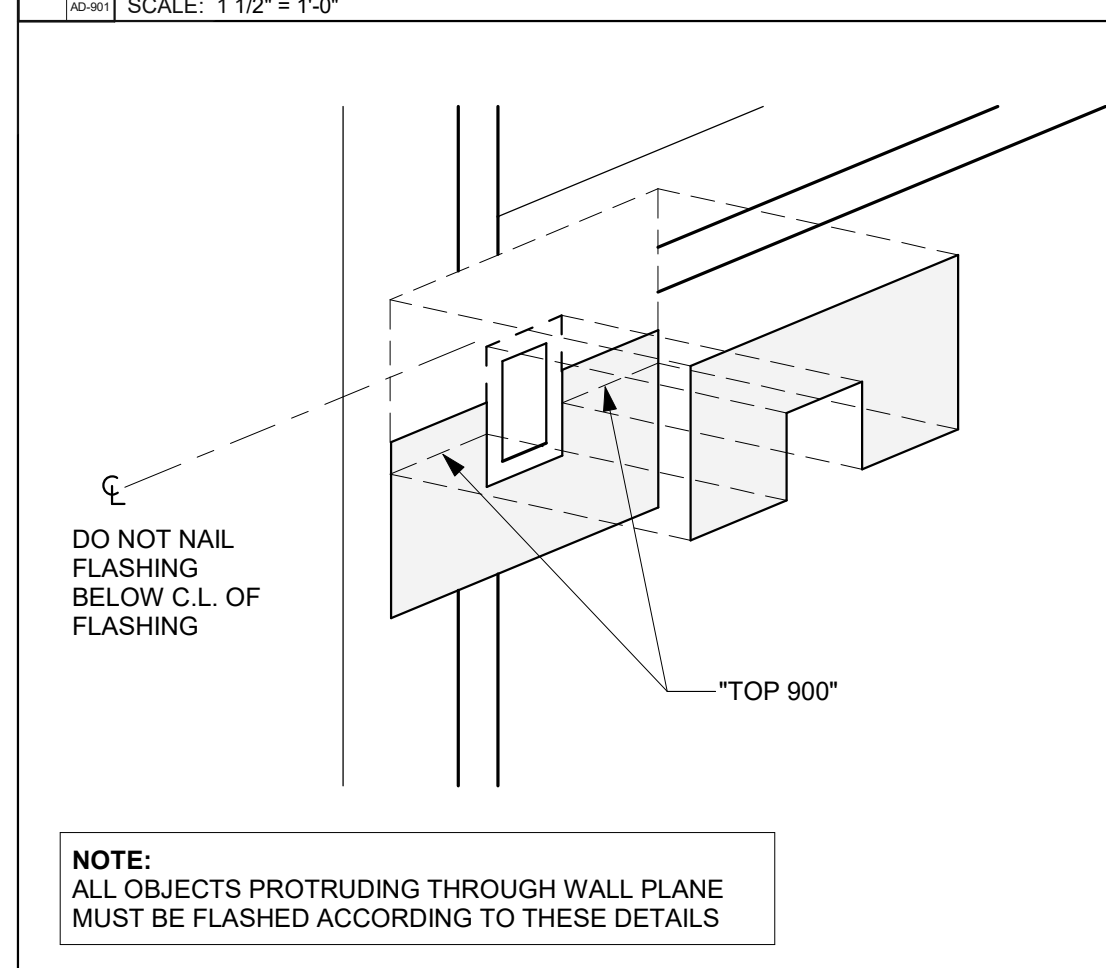
24 FLASHING - JAMB TO SILL TYP.

SCALE: 3" = 1'-0"



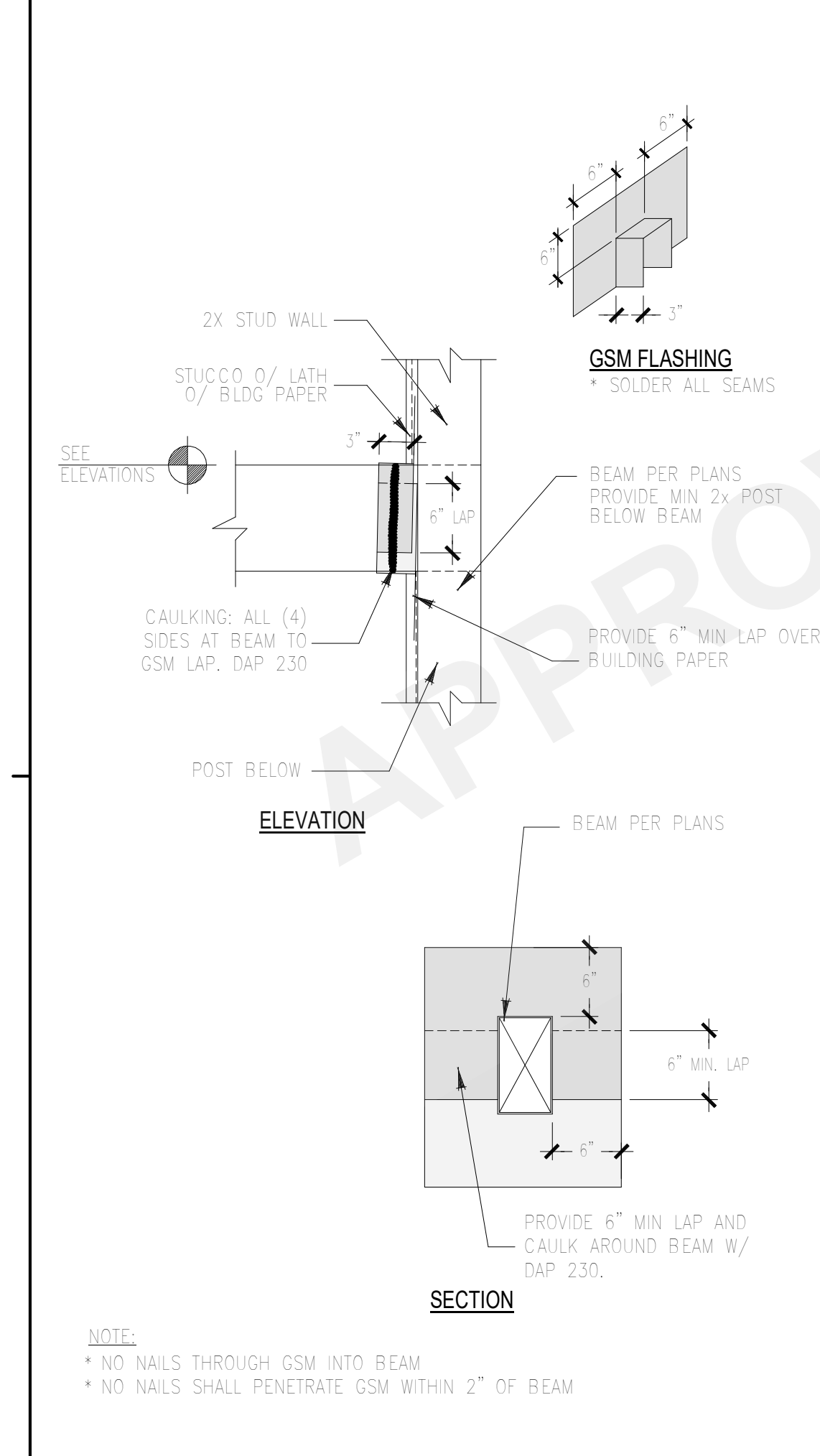
34 FLASHING - DOOR AT W.P. DECK

NTS



44 FLASHING - DETAILED PROTRUSION

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



54 BEAM TO WALL FLASHING

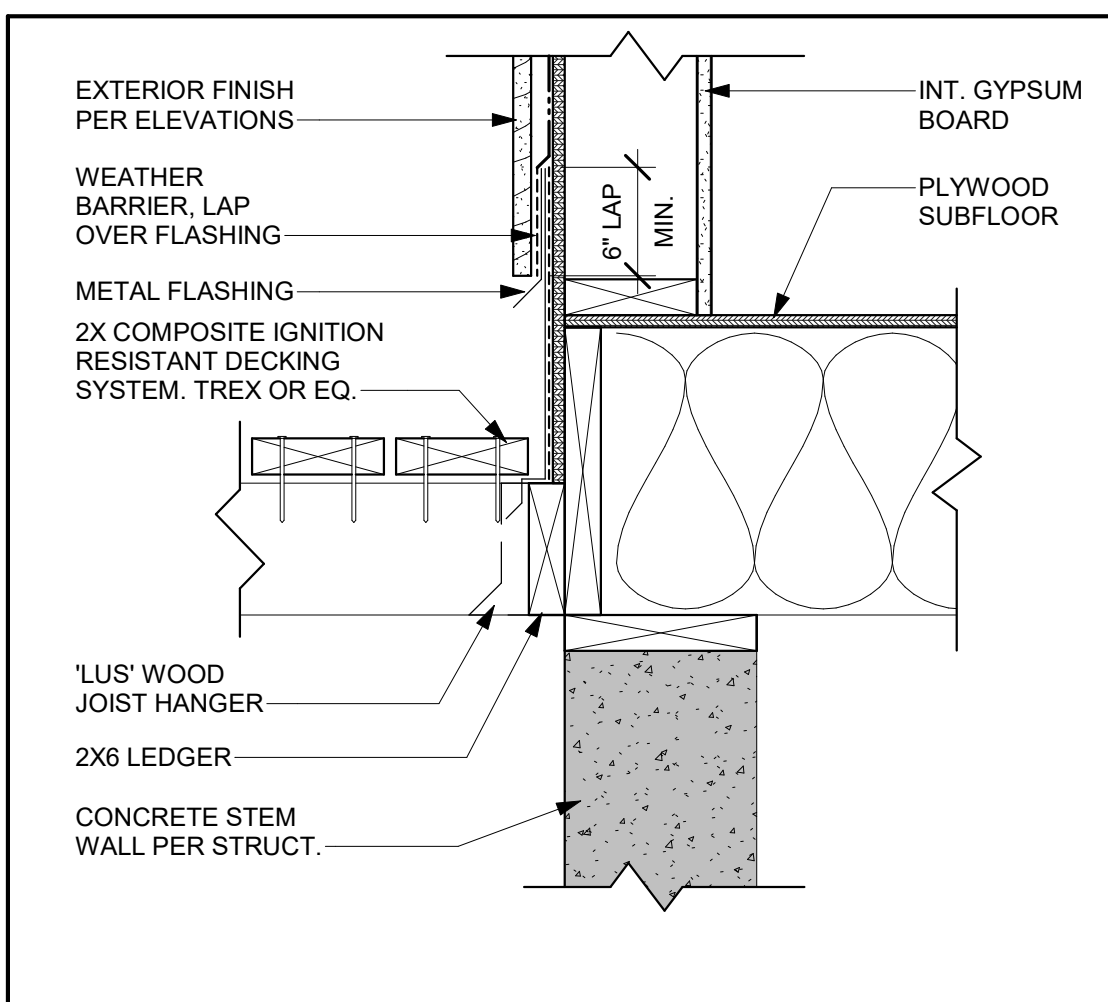
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1/25/2024 4:05:48 PM Autodesk Docs:725240-04_Mono County ADUs - Code Updates:2340-01_Mono County ADUs_2022 Code Update.rvt

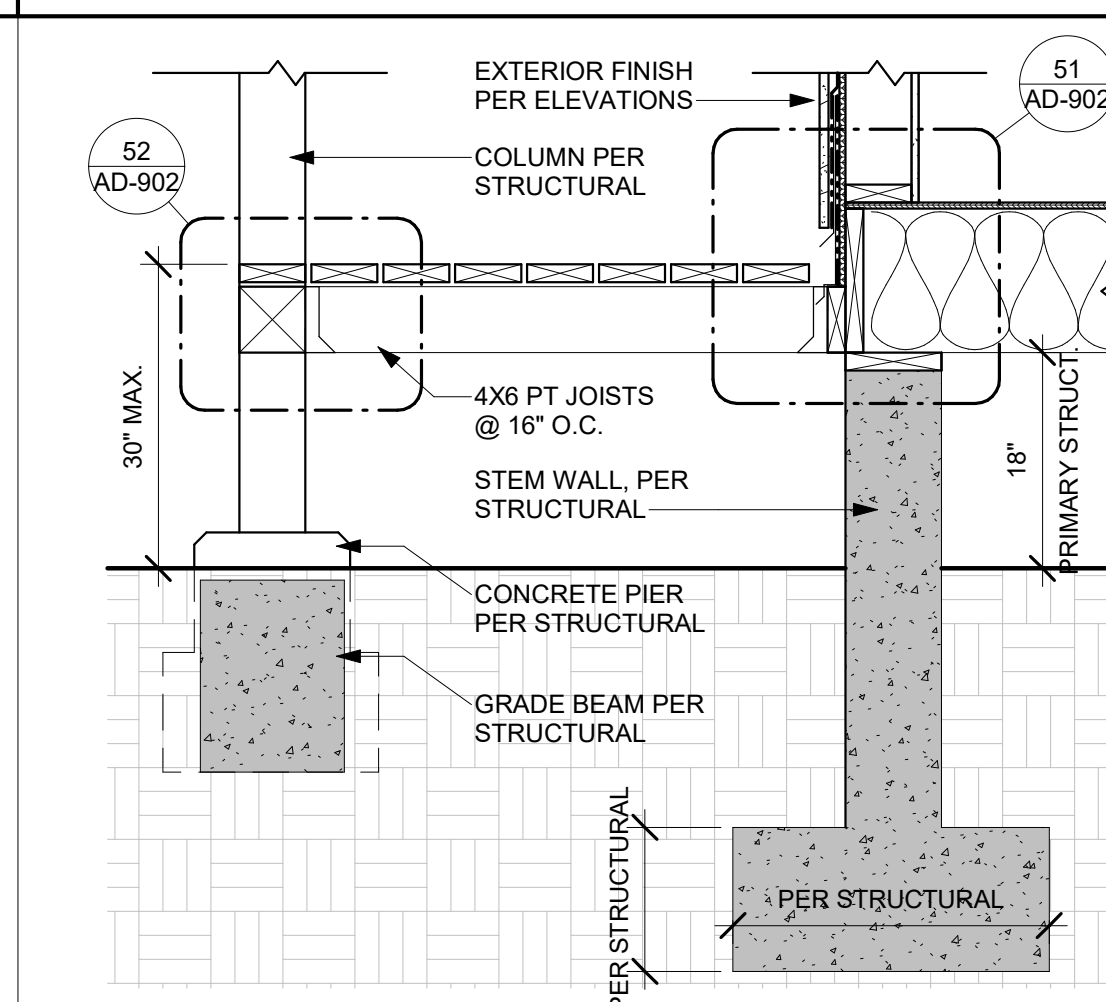
PUBLIC SET



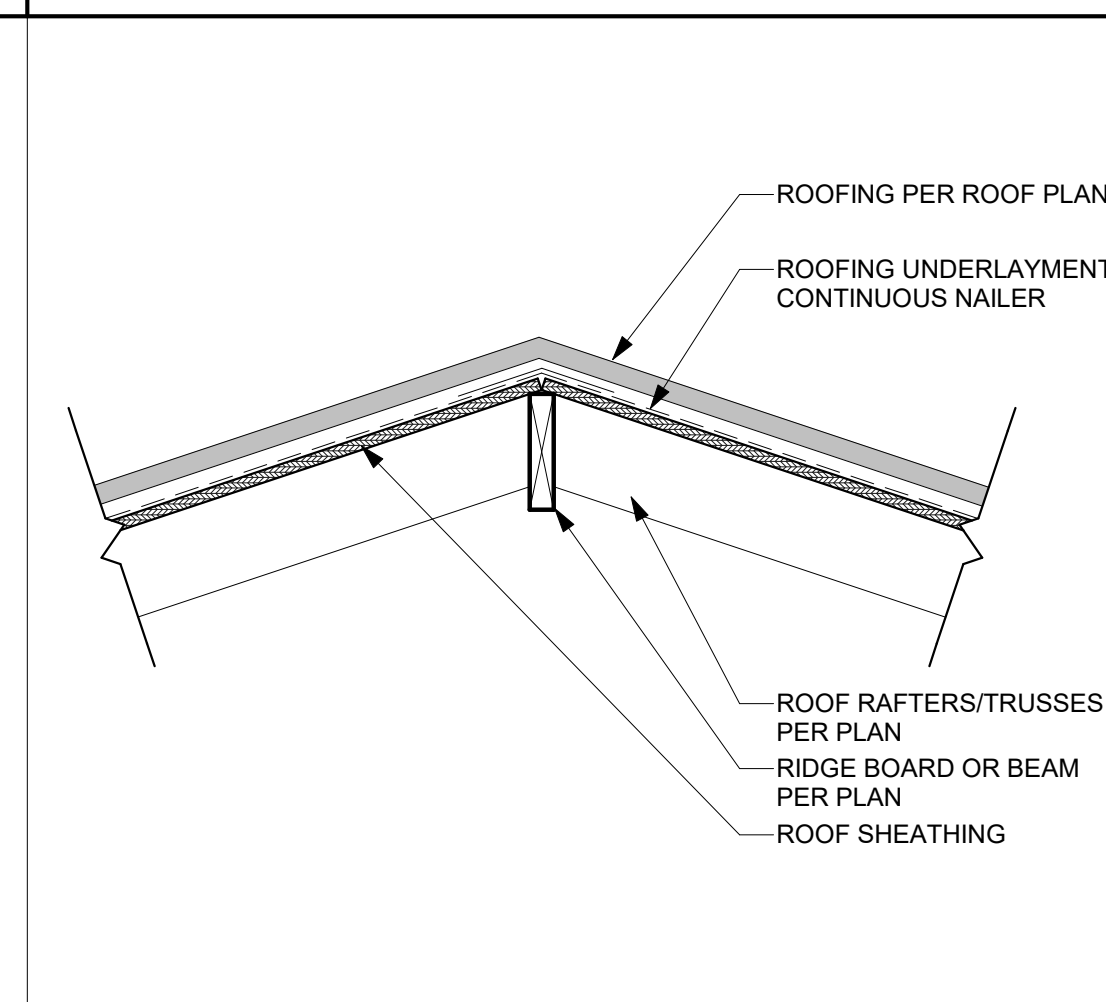
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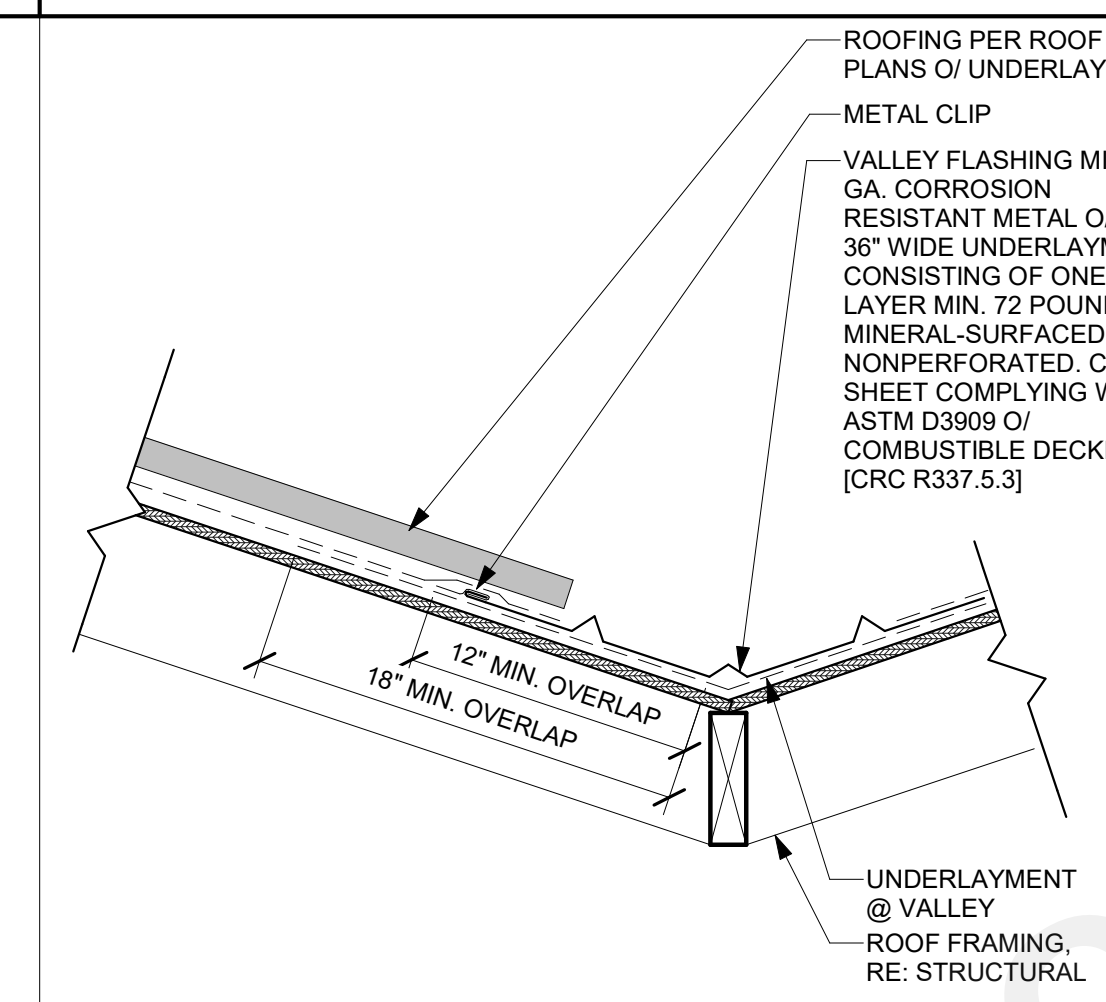
51 DECKING TO EXT. WALL
SCALE: 1 1/2" = 1'-0"



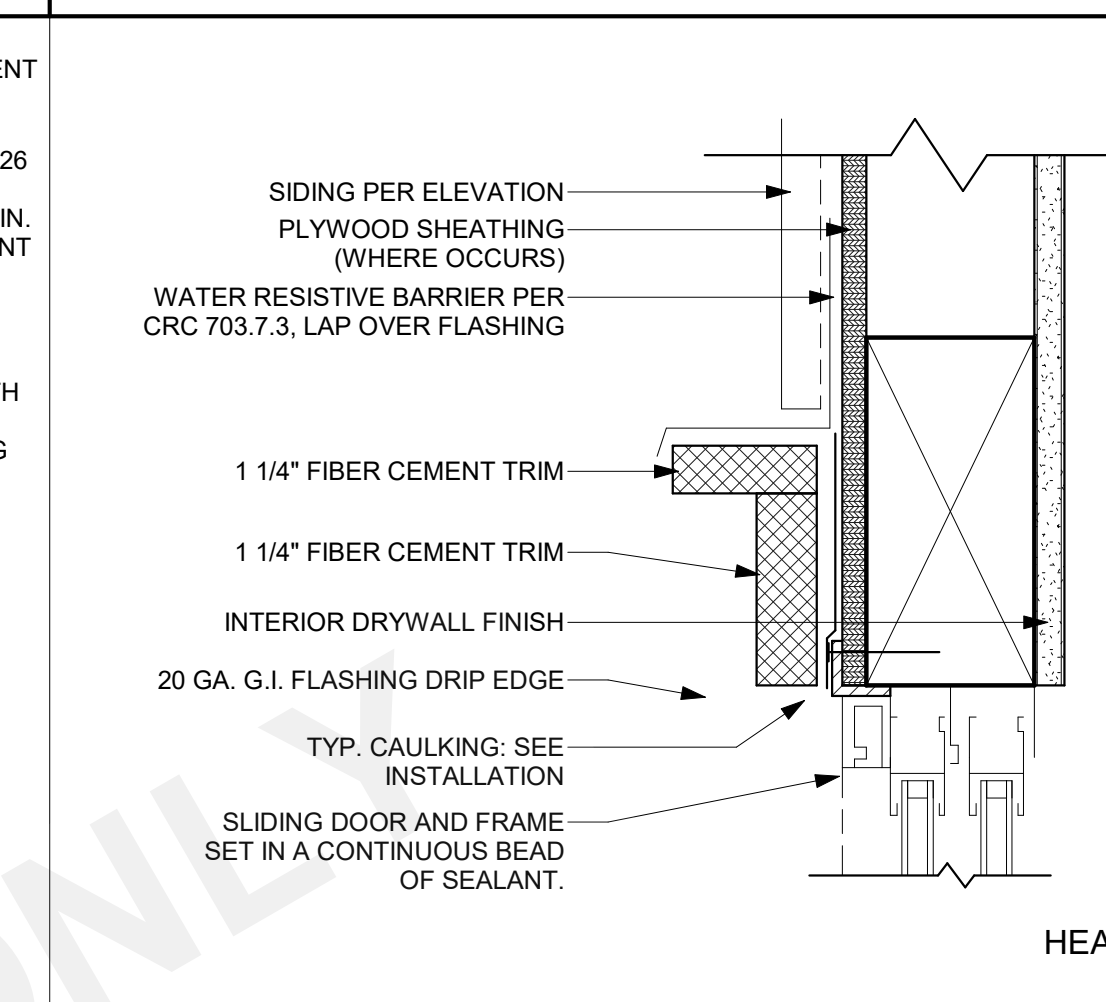
41 RAISED PORCH DETAIL
SCALE: 3/4" = 1'-0"



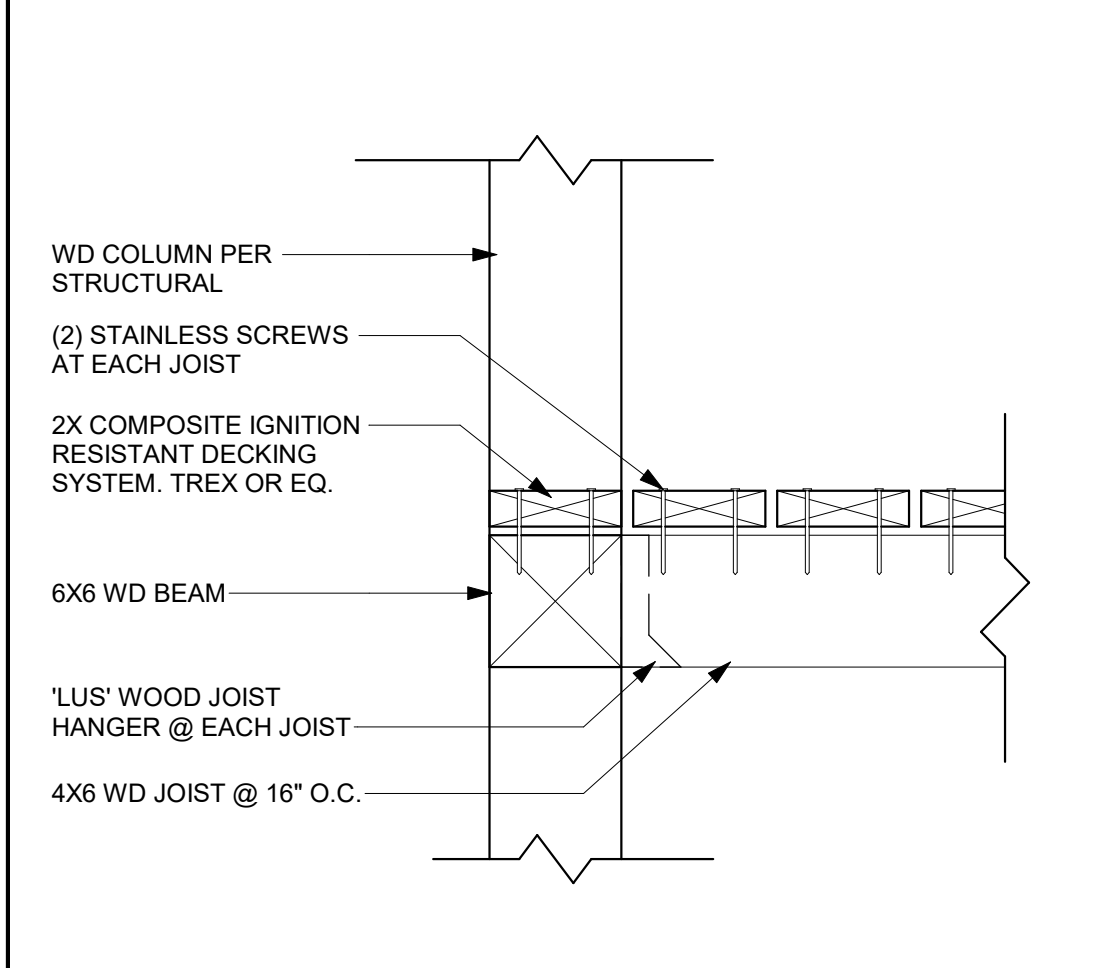
31 ROOF - HIP/RIDGE
SCALE: 1" = 1'-0"



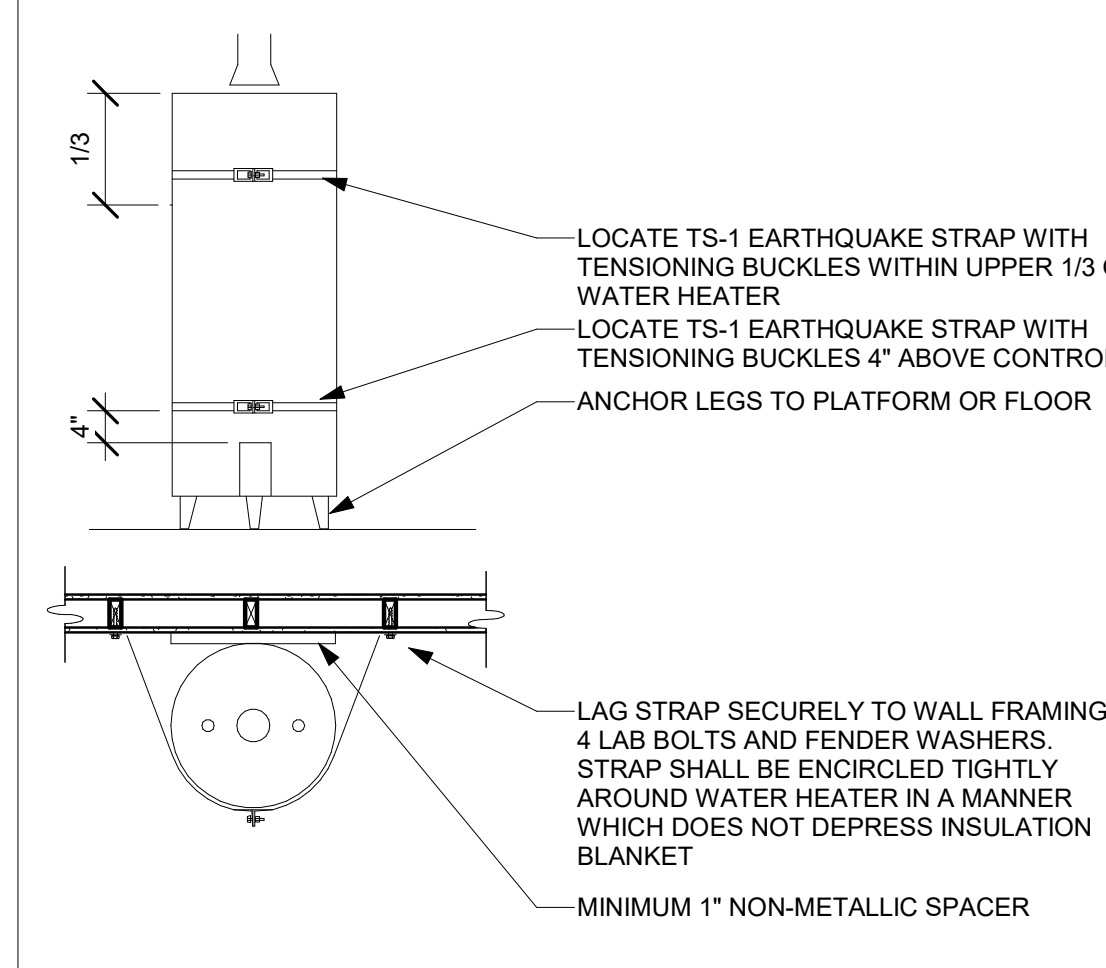
21 ROOF - VALLEY
SCALE: 1 1/2" = 1'-0"



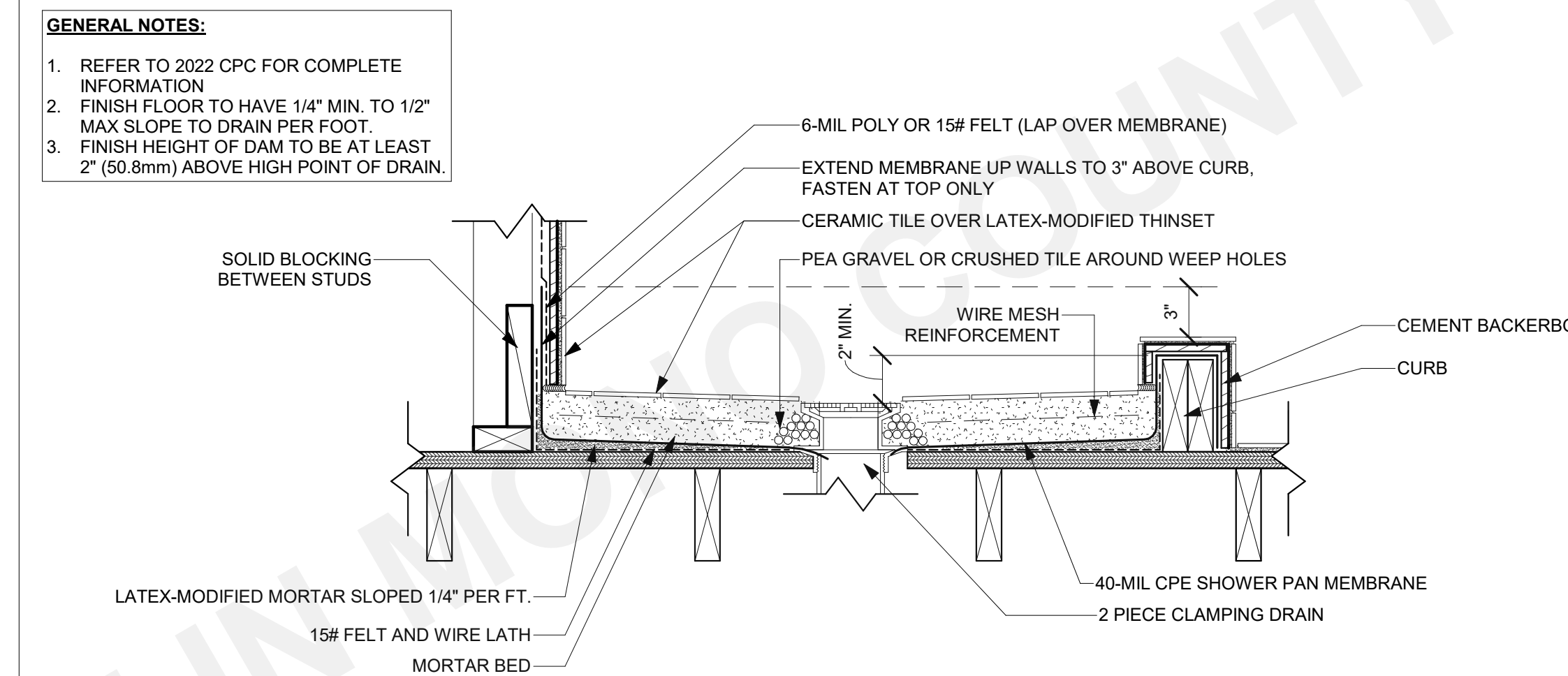
11 DOOR-SLIDING GLASS
SCALE: 3" = 1'-0"



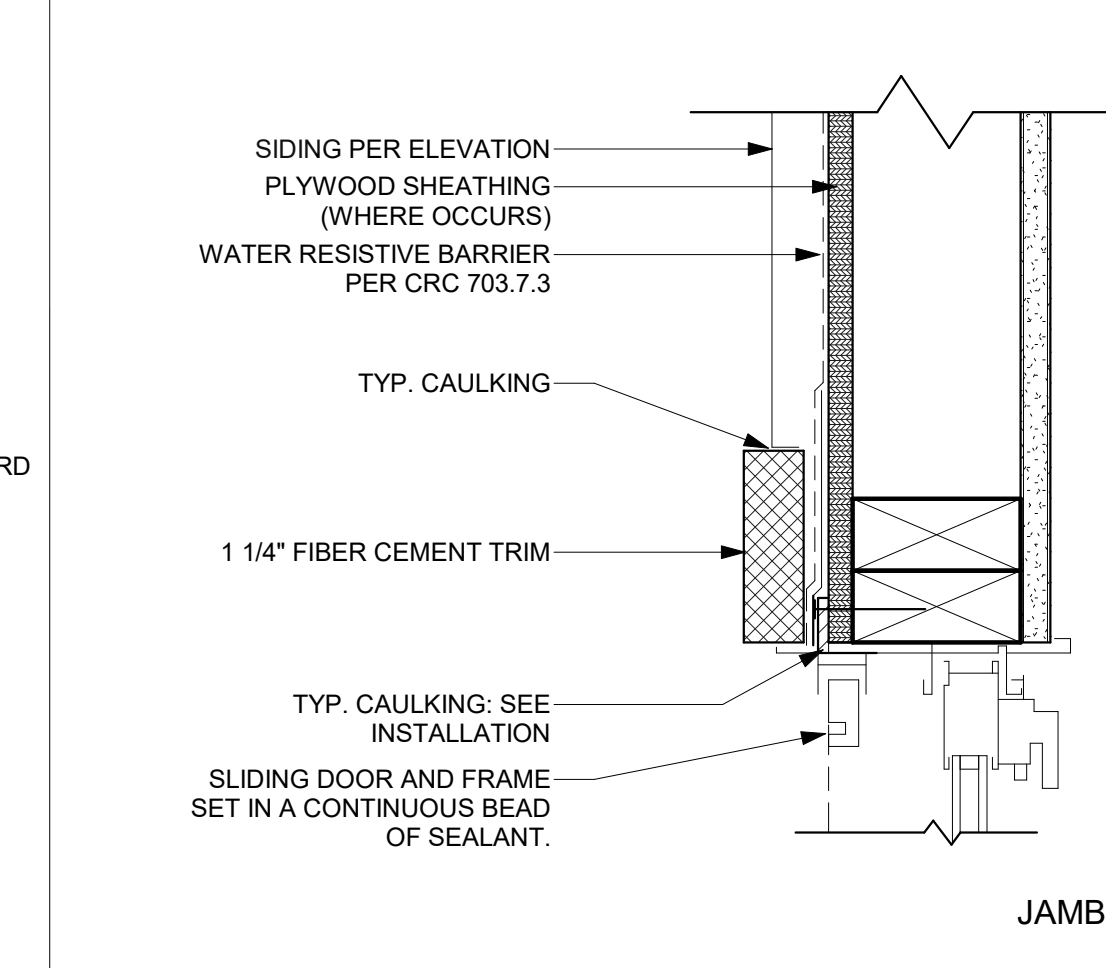
52 PORCH DECK EDGE
SCALE: 1 1/2" = 1'-0"



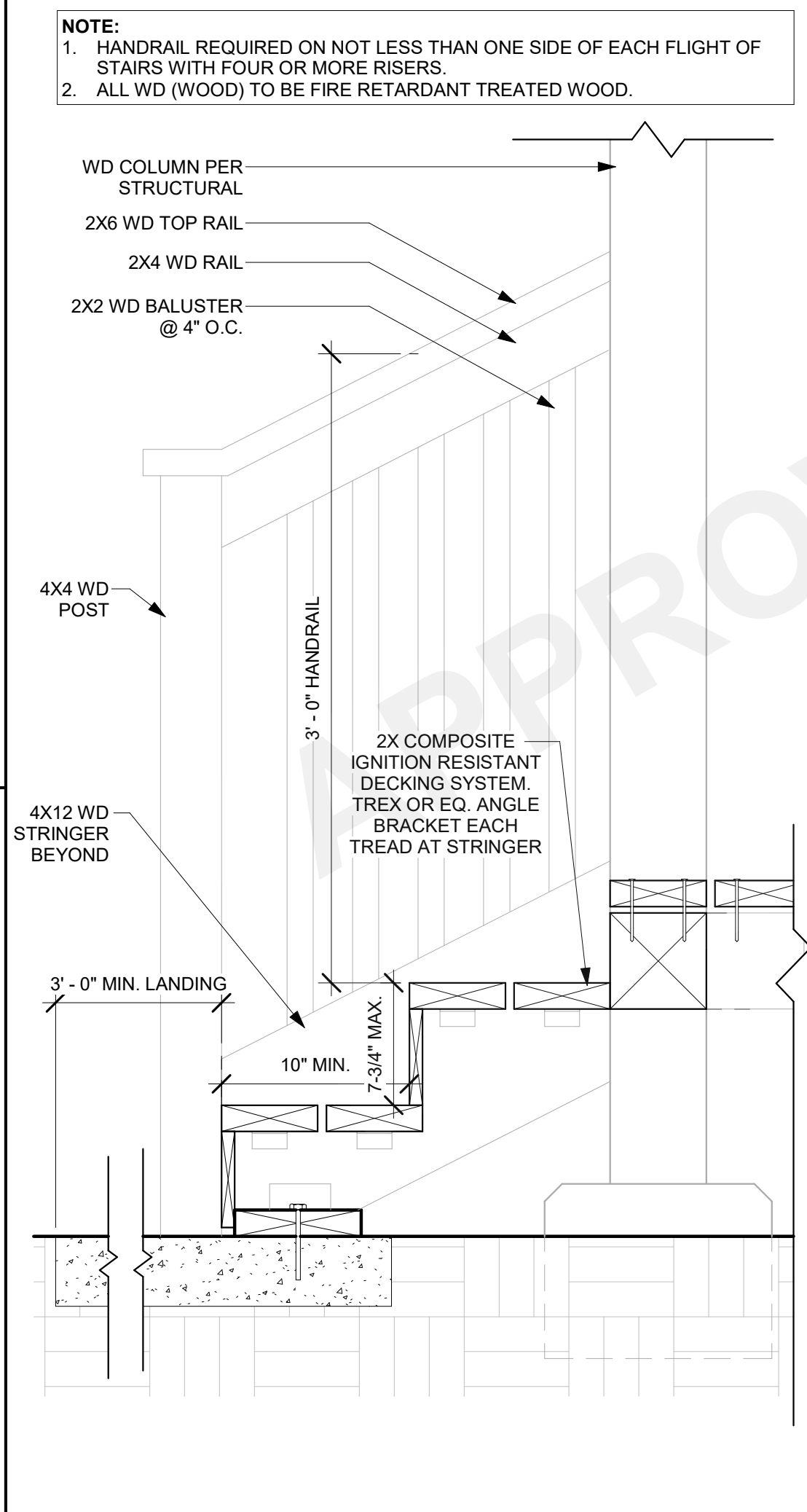
42 WATER HEATER MOUNTING
SCALE: 1 1/2" = 1'-0"



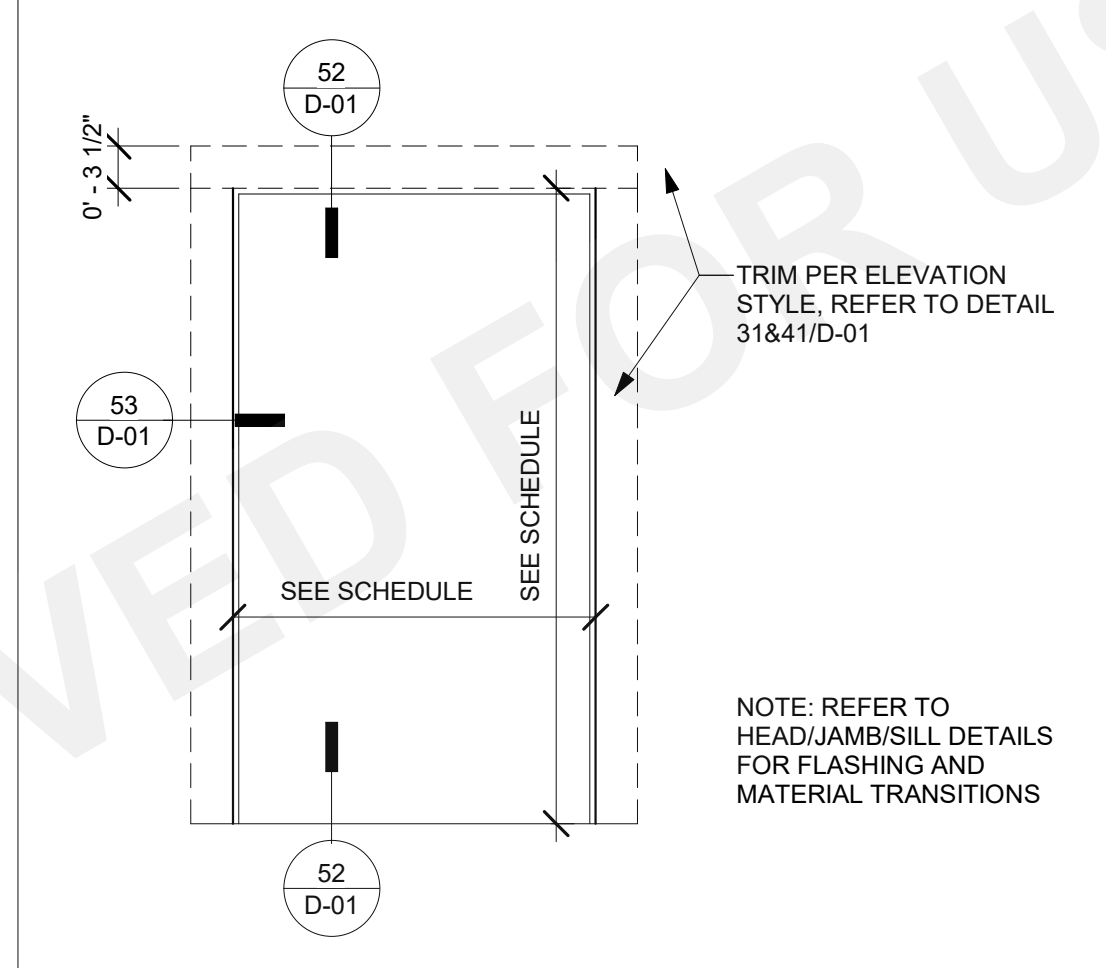
32 SHOWER - SECTION
SCALE: 1 1/2" = 1'-0"



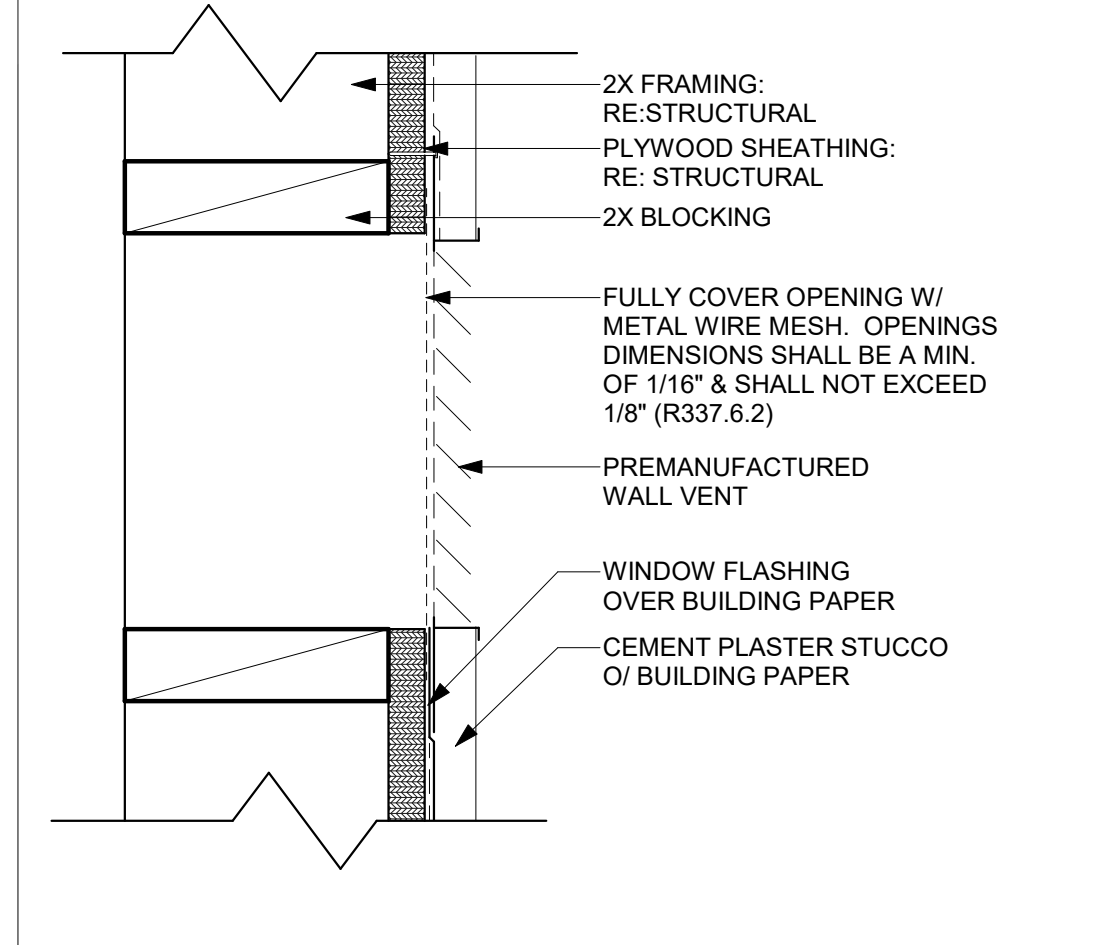
12 DOOR-SLIDING GLASS
SCALE: 3" = 1'-0"



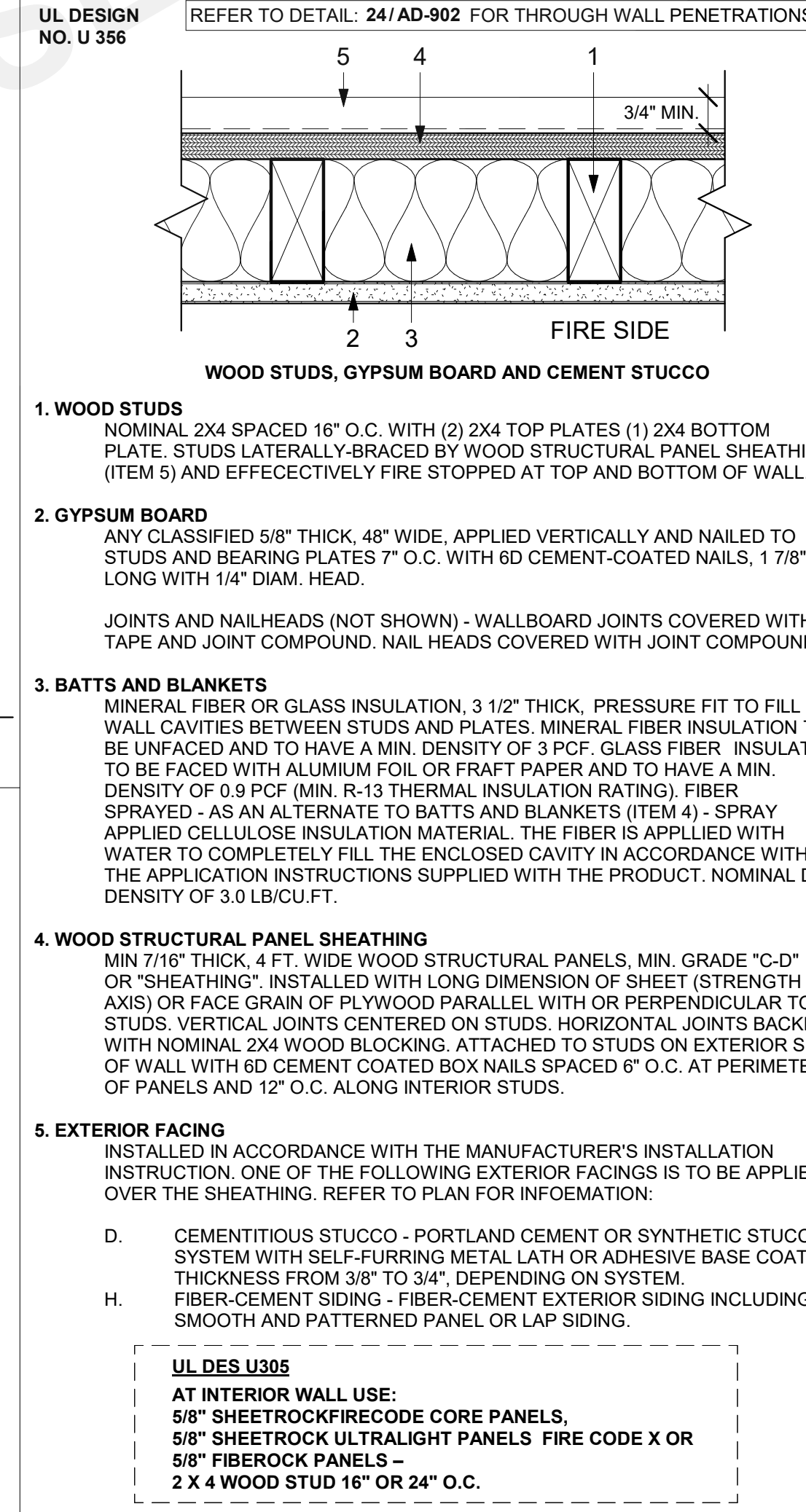
54 PORCH STAIRS
SCALE: 1 1/2" = 1'-0"



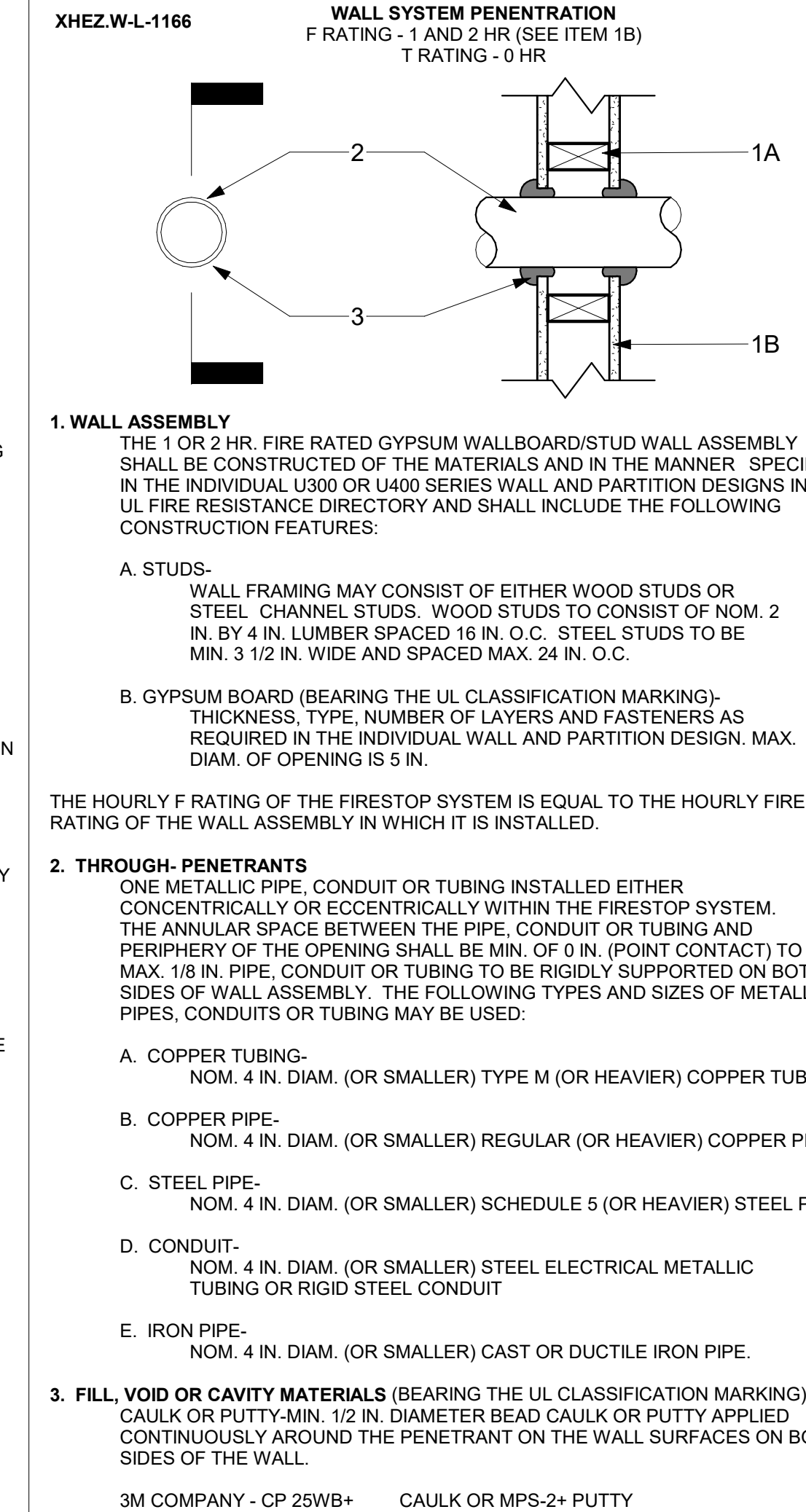
10 DOOR TRIM - SLIDING GLASS
SCALE: 3/4" = 1'-0"



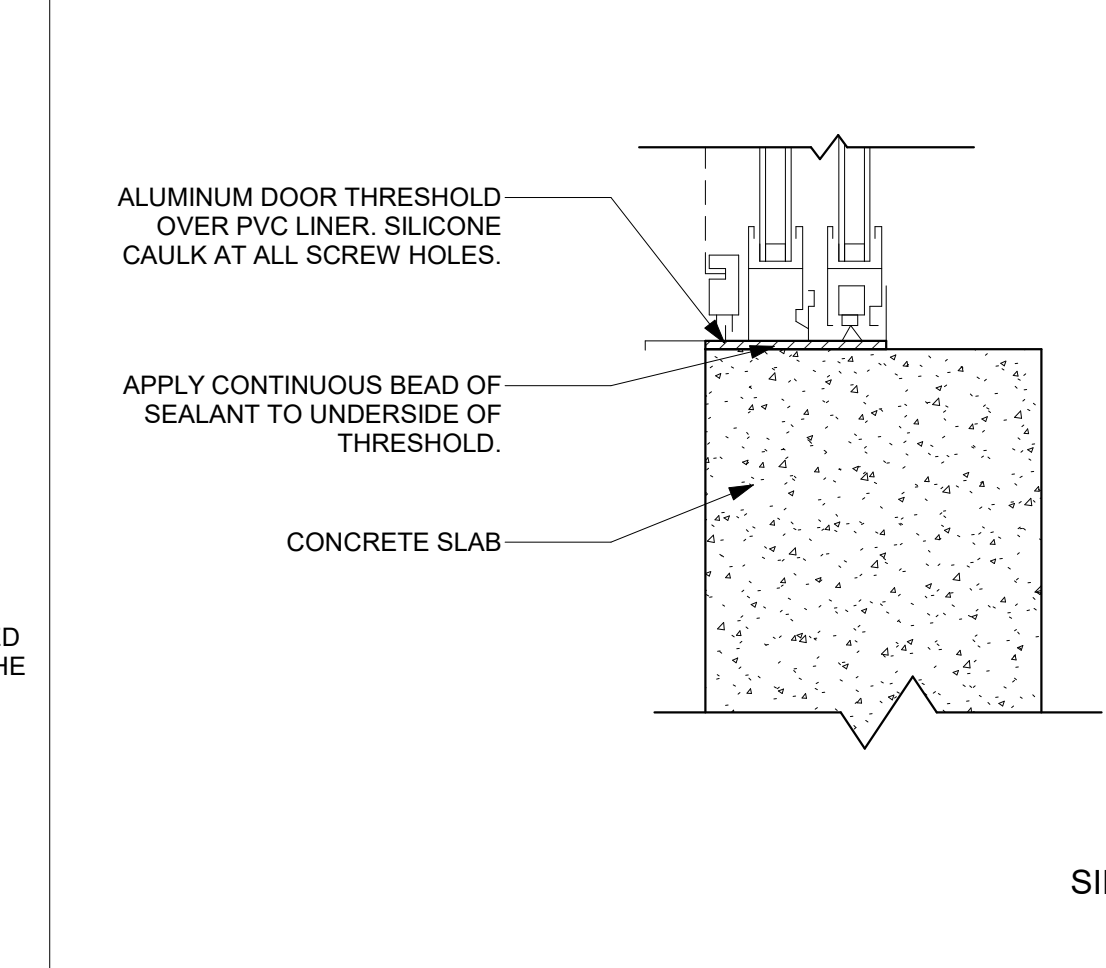
44 WALL VENT
SCALE: 3" = 1'-0"



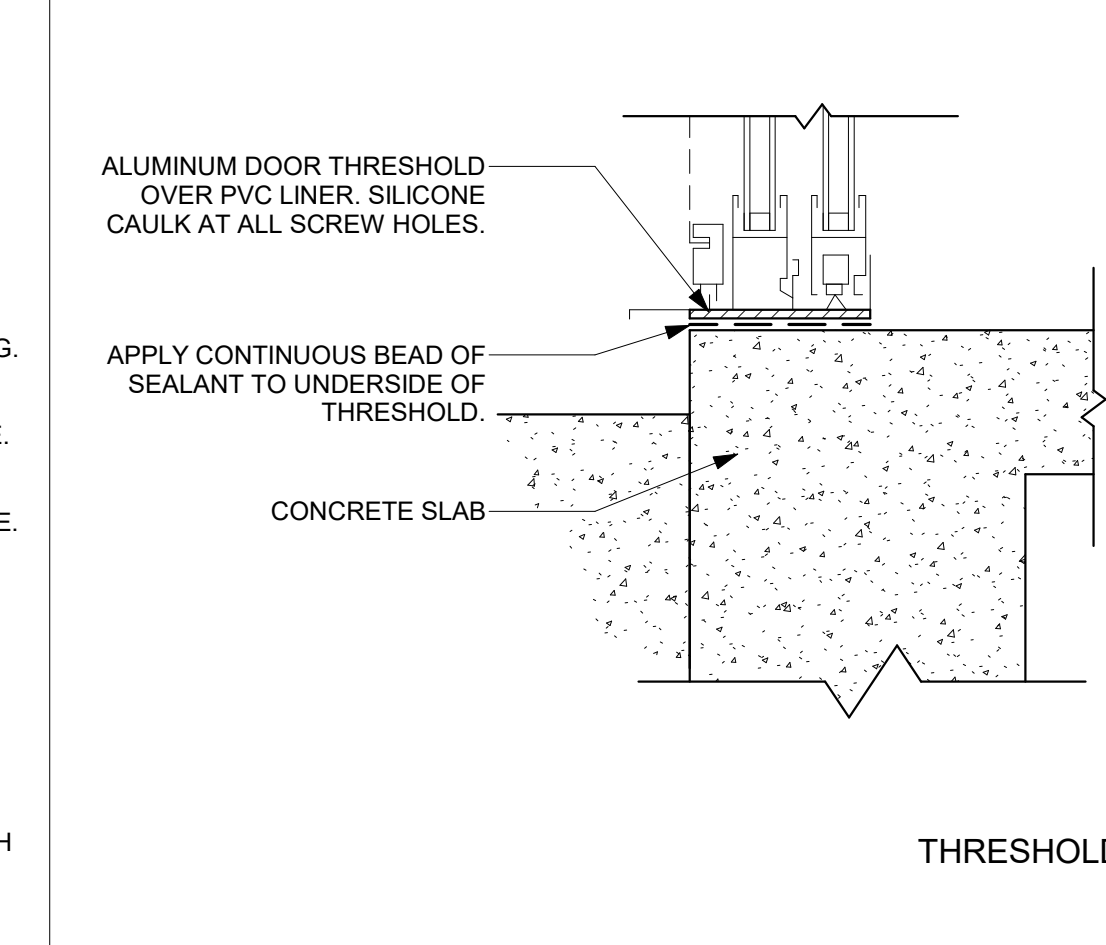
34 1-HR EXT. RATED WALL ASSEMBLY
SCALE: 3" = 1'-0"



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



13 DOOR-SLIDING GLASS
SCALE: 3" = 1'-0"



14 DOOR-SLIDING GLASS - THRESHOLD
SCALE: 3" = 1'-0"

MONO COUNTY ADU PROTOTYPES
MONO COUNTY ARCHITECTURAL DETAILS - COMMON

DATE: 01/10/2024
SHEET: AD-902

7/25/2024 4:05:49 PM Autodesk Docs://2540-04_Mono County ADUs - Code Updates/2340-01_Mono County ADUs_2022 Code Update.rvt

PUBLIC SET



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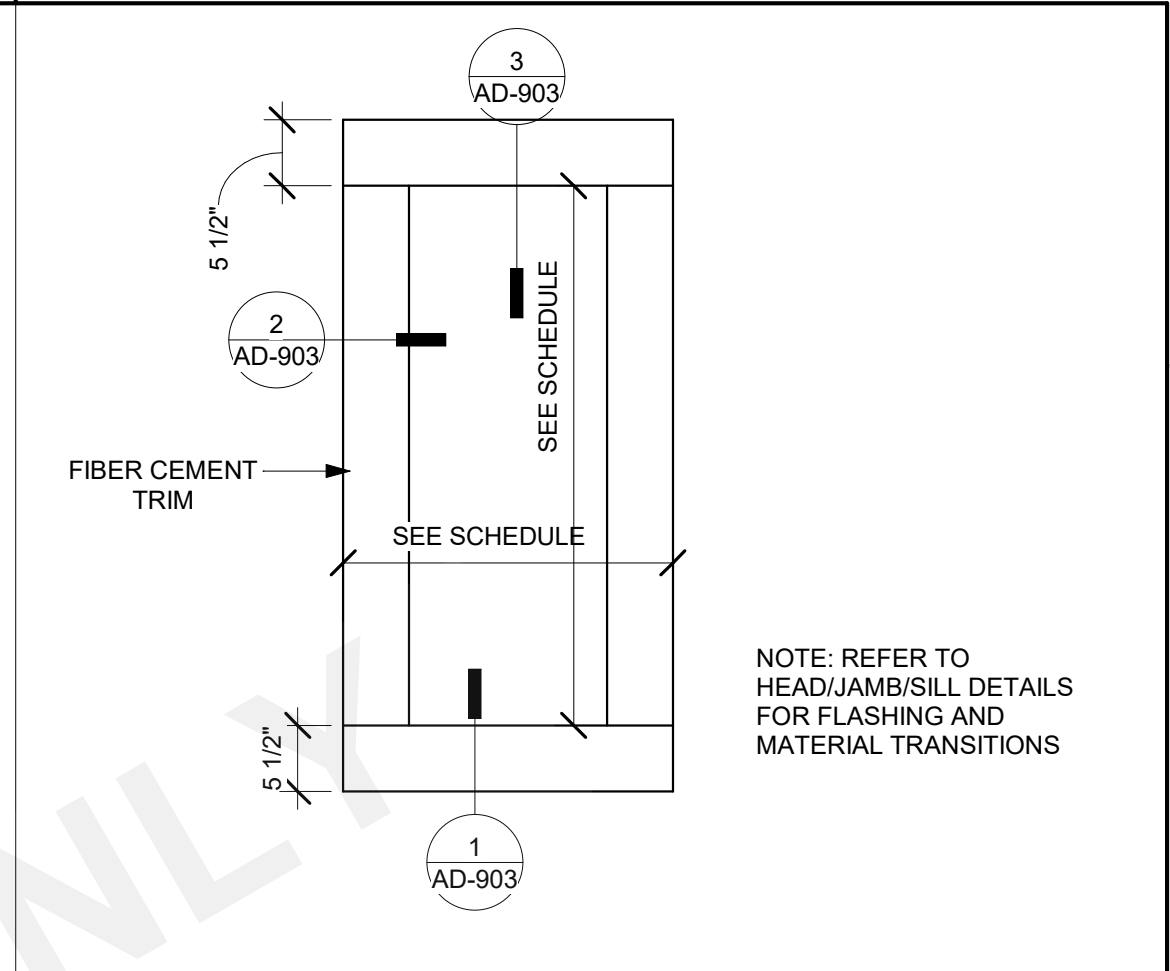
MONO COUNTY ADU
PROTOTYPES
MONO COUNTY
ARCHITECTURAL DETAILS - RURAL
MOUNTAIN

DATE
01/10/2024

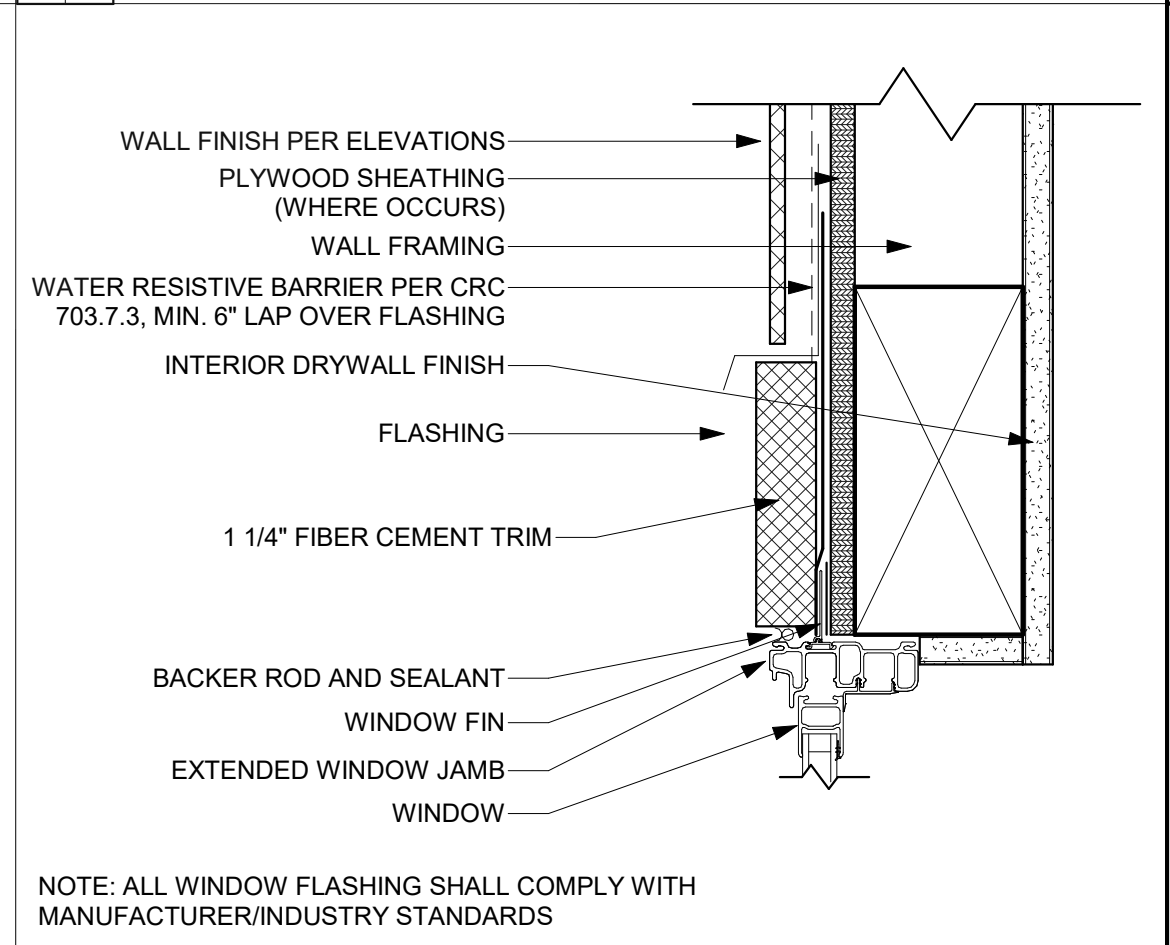
SHEET

AD-903

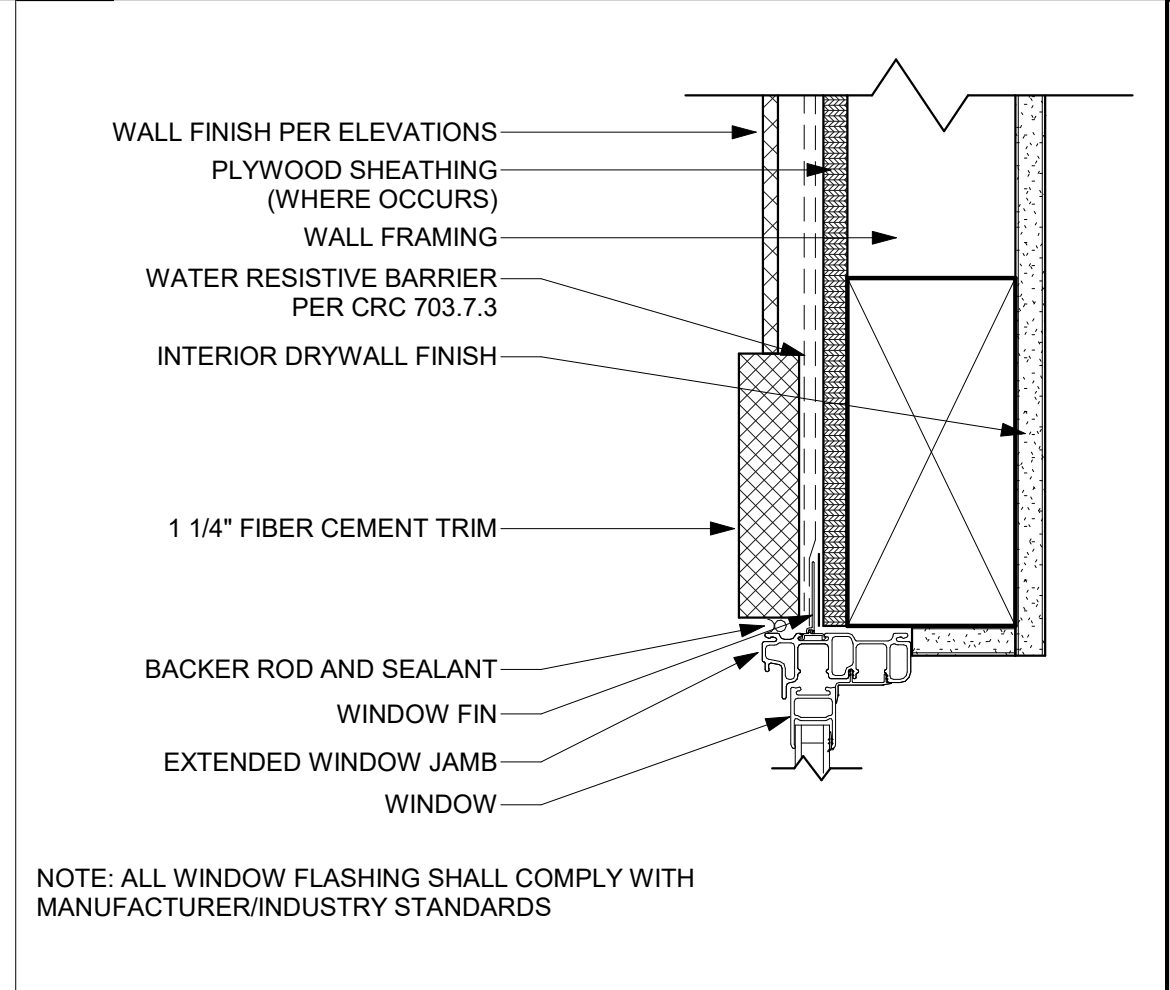
PUBLIC SET



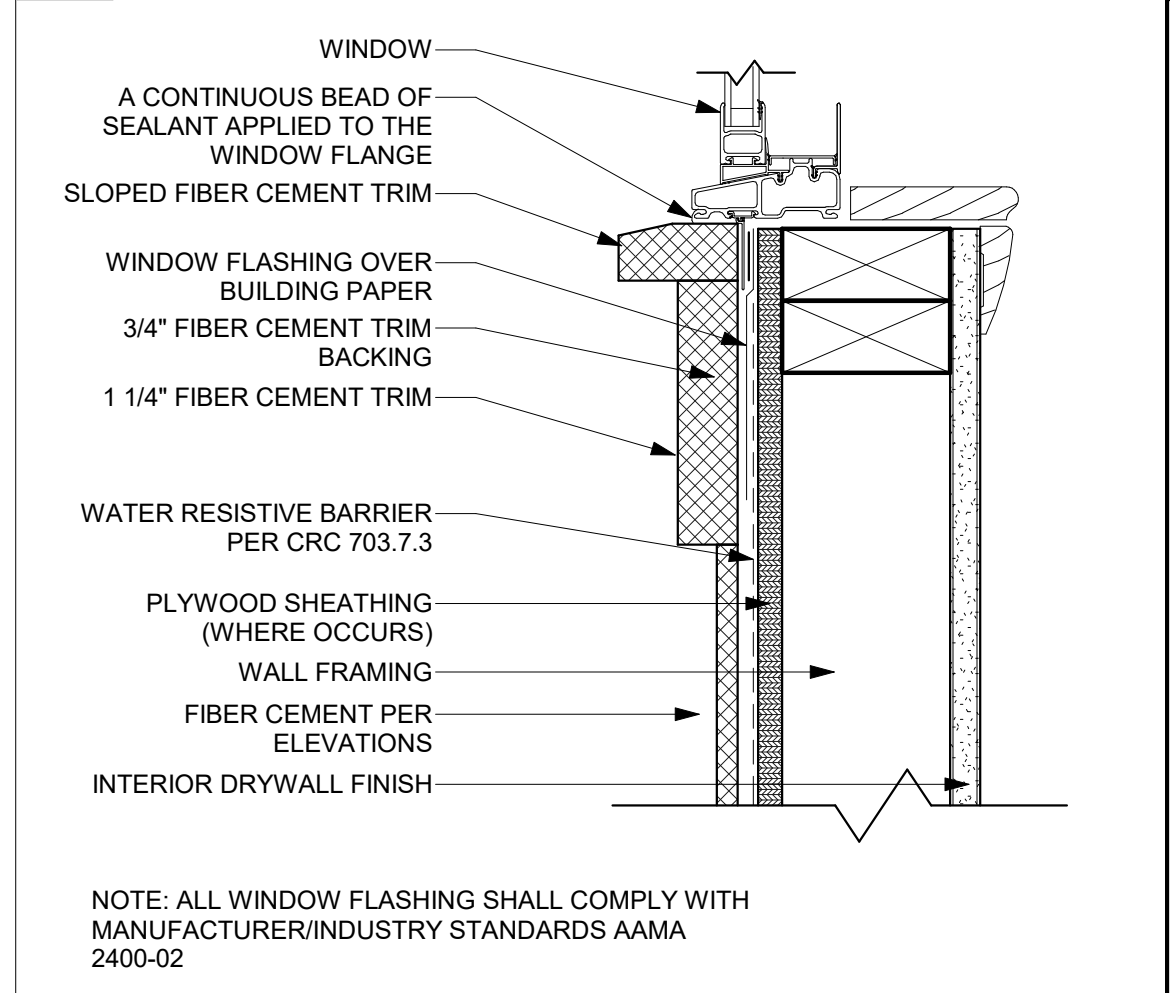
11 WINDOW TRIM - RURAL MOUNTAIN
SCALE: 3/4" = 1'-0"



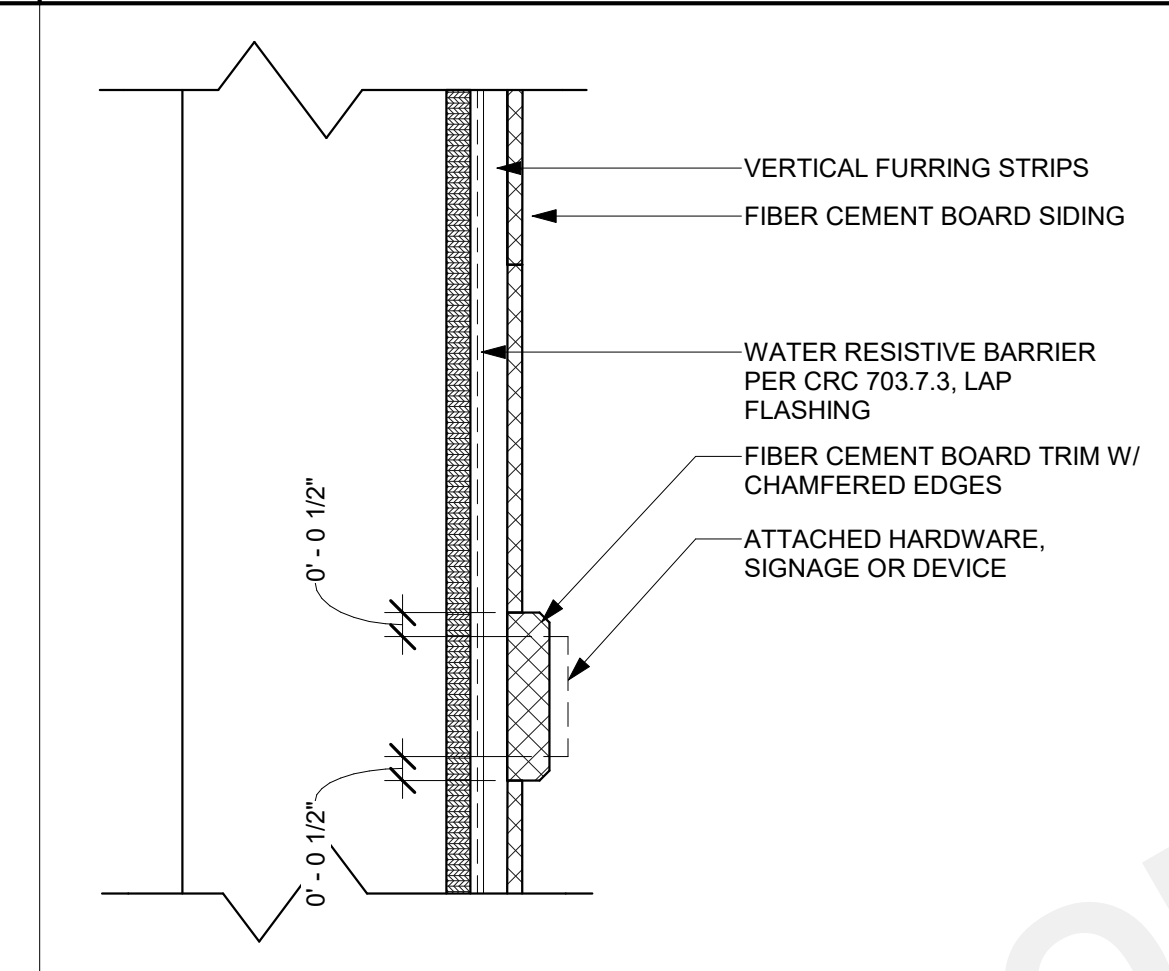
12 TYP. WINDOW HEAD-FIBER CEMENT
SCALE: 3/4" = 1'-0"



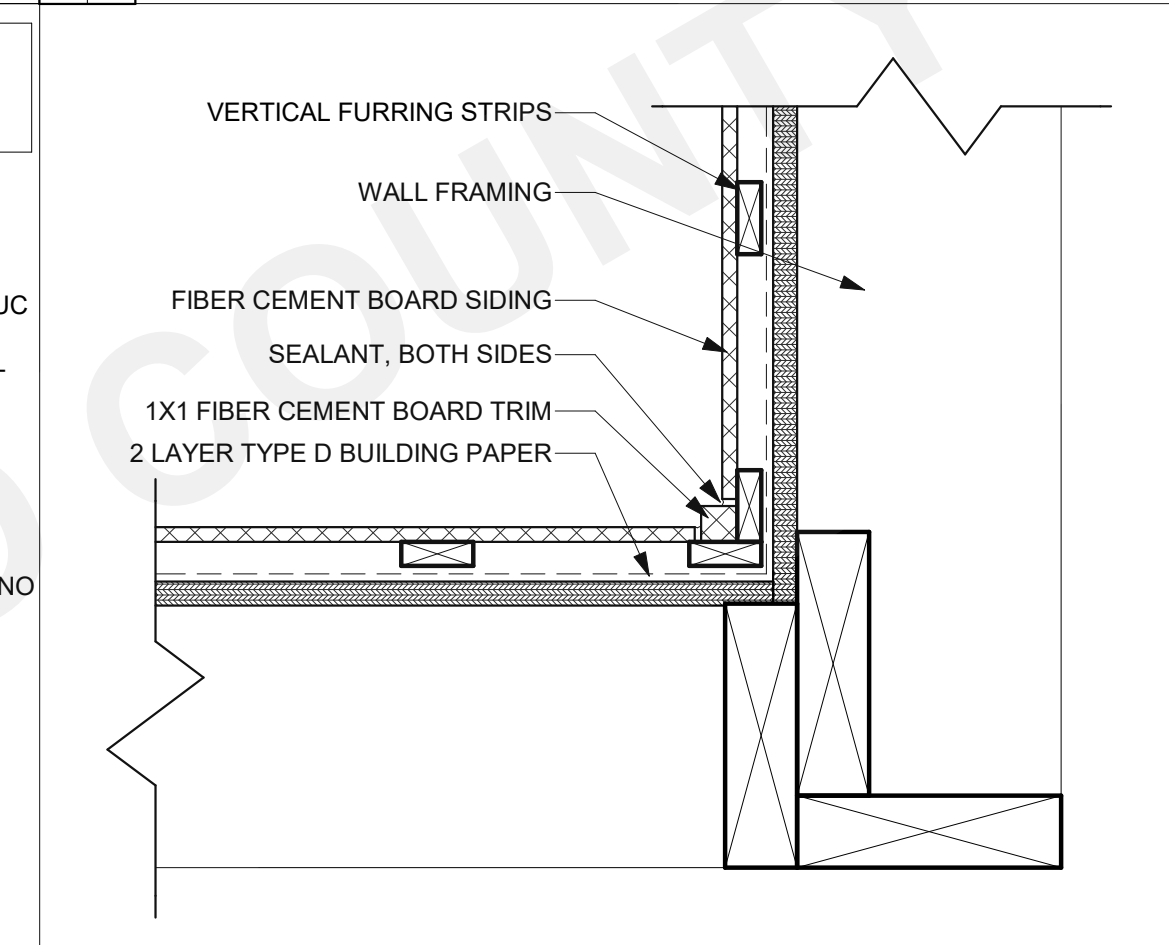
13 TYP. WINDOW JAMB-FIBER CEMENT
SCALE: 3/4" = 1'-0"



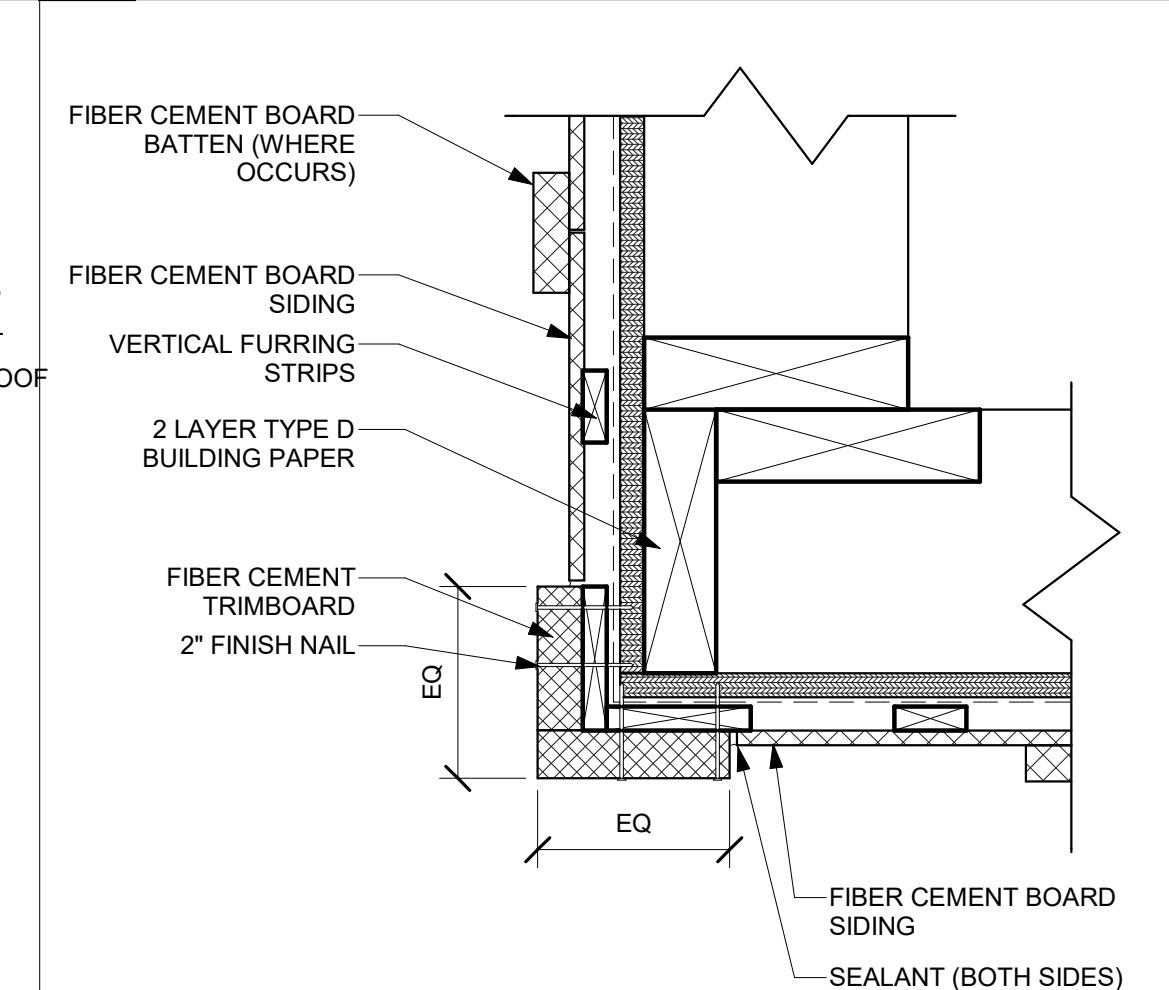
14 TYP. WINDOW SILL-FIBER CEMENT
SCALE: 3/4" = 1'-0"



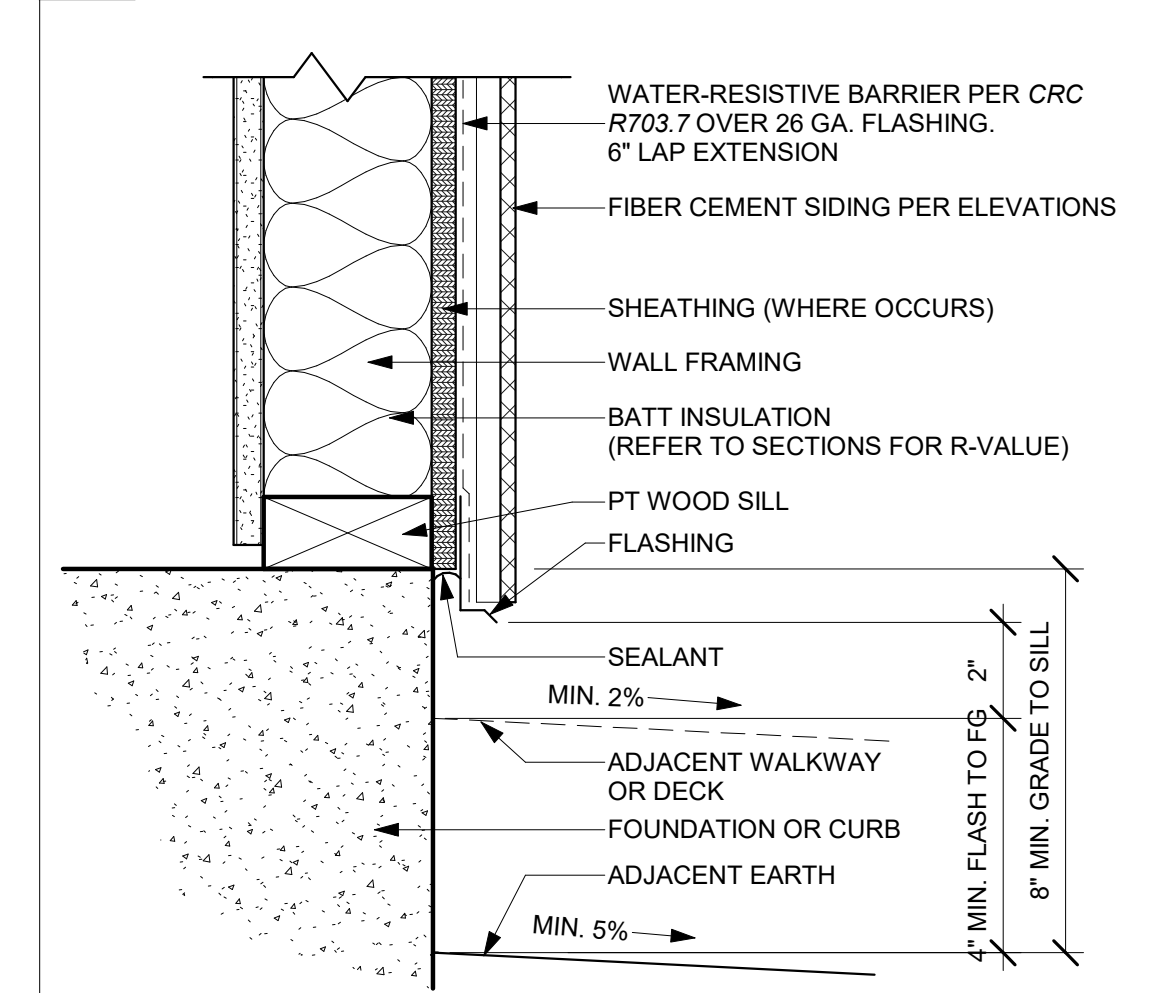
21 FIBER CEMENT MOUNTING PAD
SCALE: 3/4" = 1'-0"



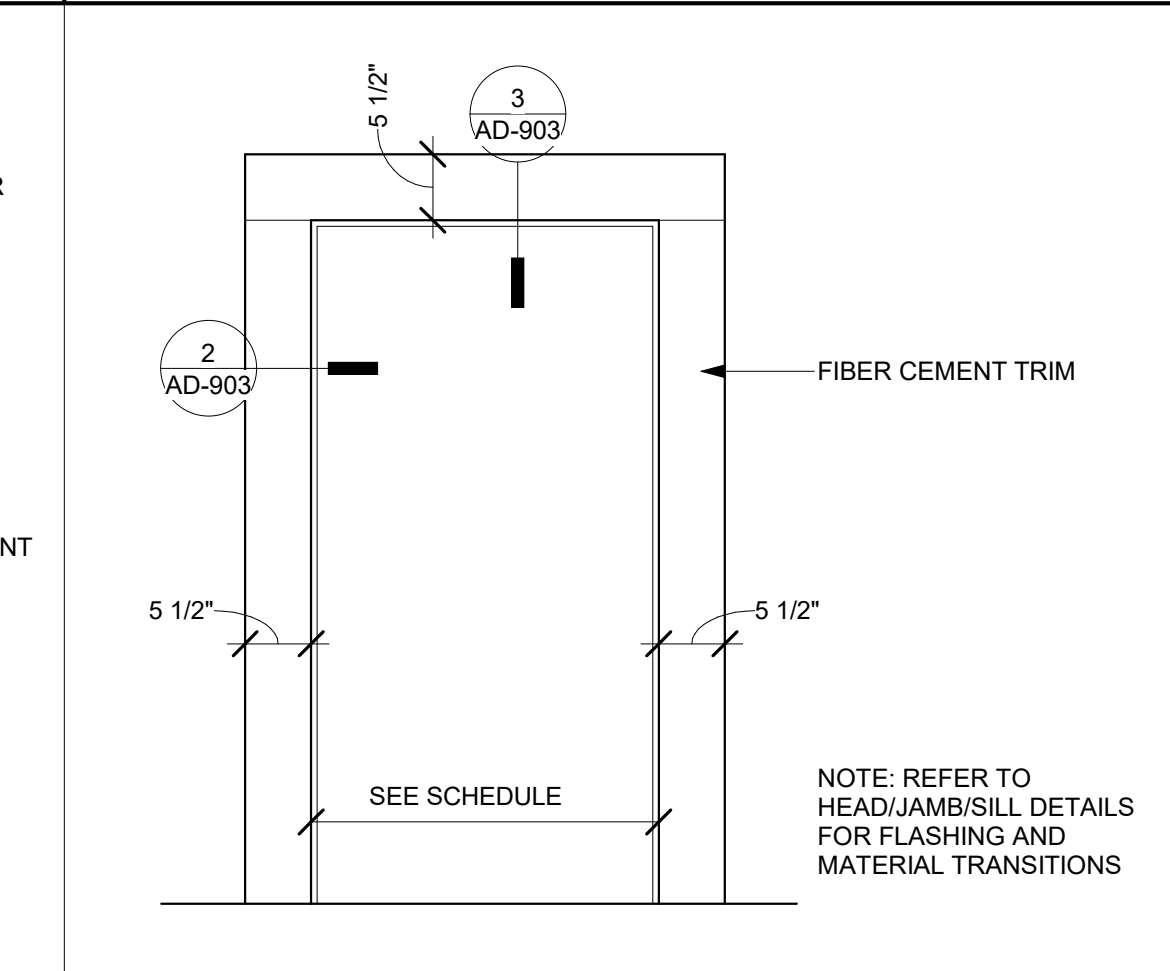
22 FIBER CEMENT-INSIDE CORNER TRIM
SCALE: 3/4" = 1'-0"



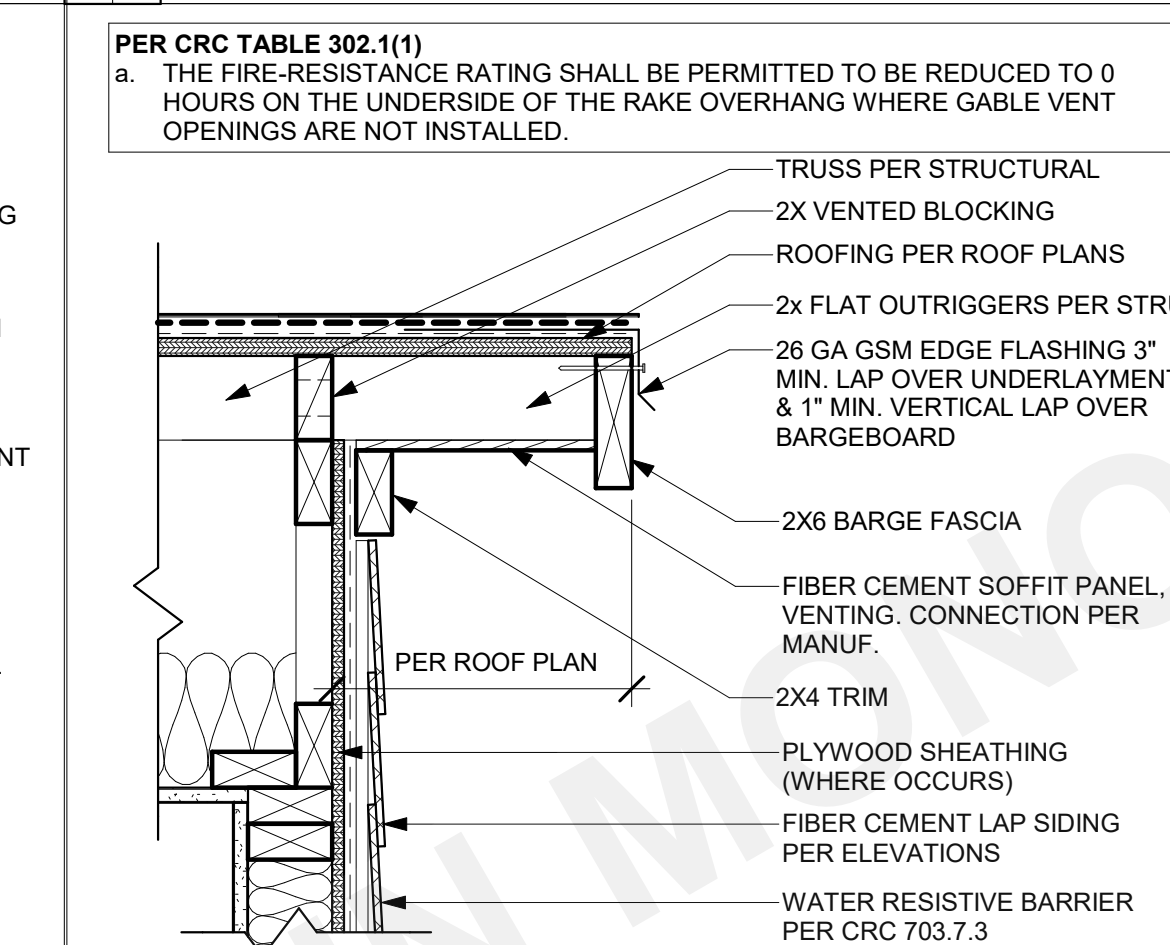
23 FIBER CEMENT-OUTSIDE CORNER
SCALE: 3/4" = 1'-0"



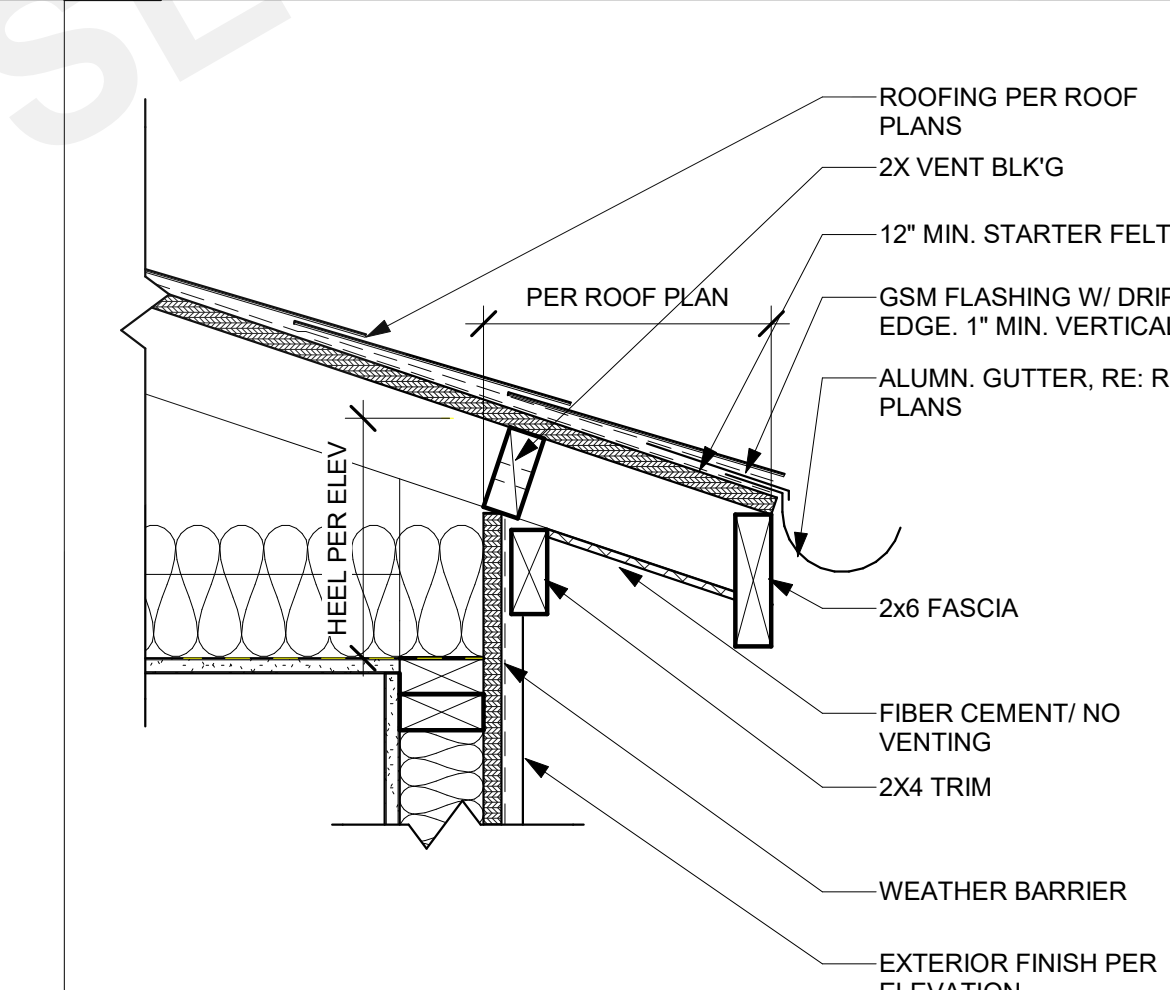
24 TYP. FOUNDATION-HIGH DESERT
SCALE: 3/4" = 1'-0"



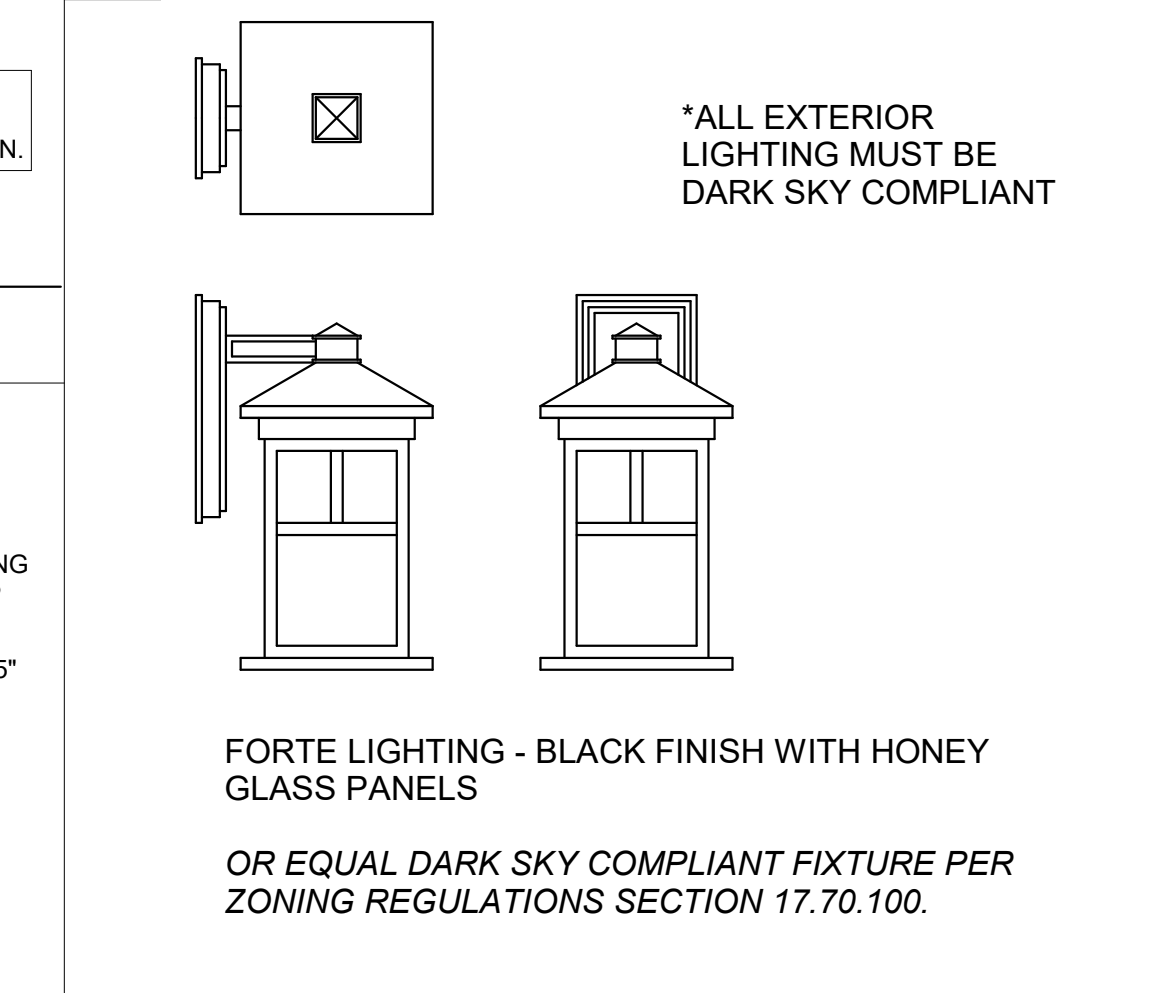
31 DOOR TRIM - RURAL MOUNTAIN
SCALE: 3/4" = 1'-0"



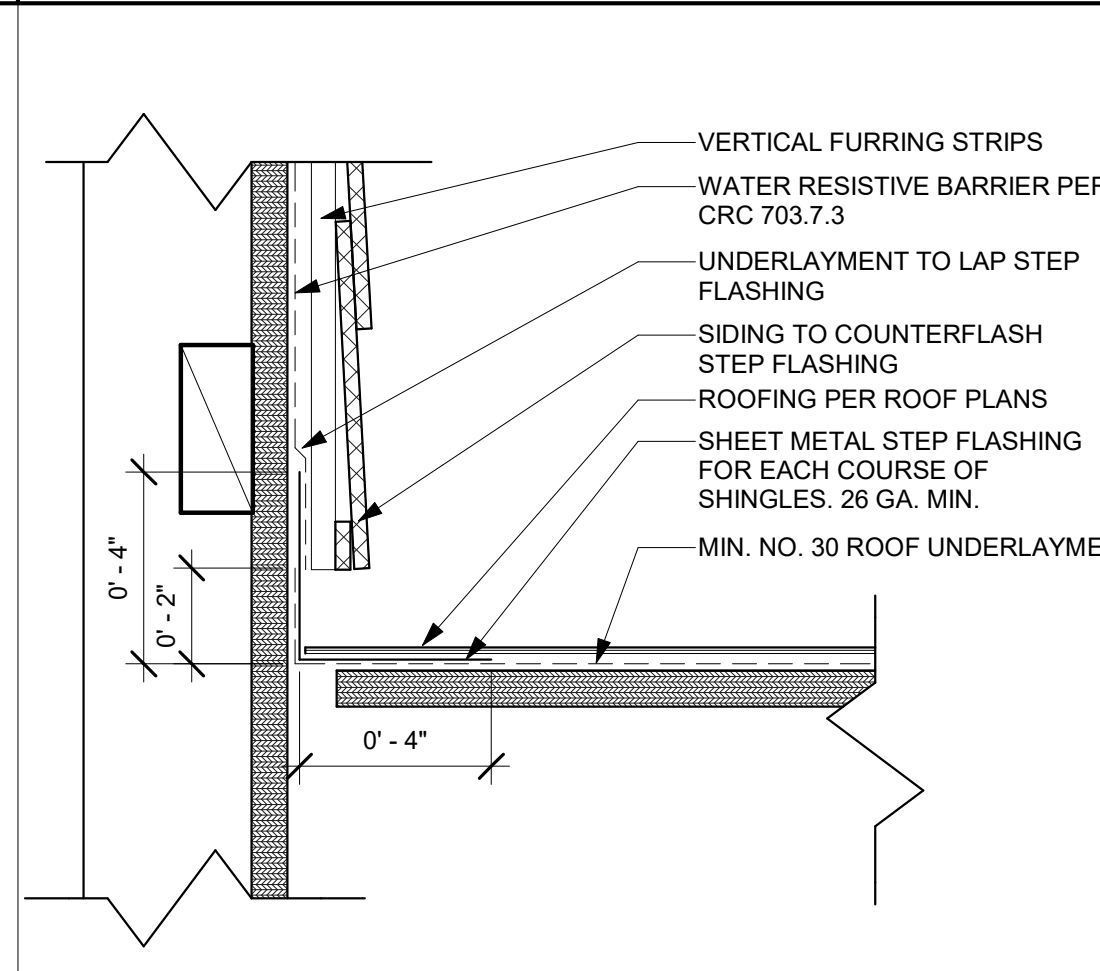
32 RAKE - RURAL MOUNTAIN
SCALE: 1 1/2" = 1'-0"



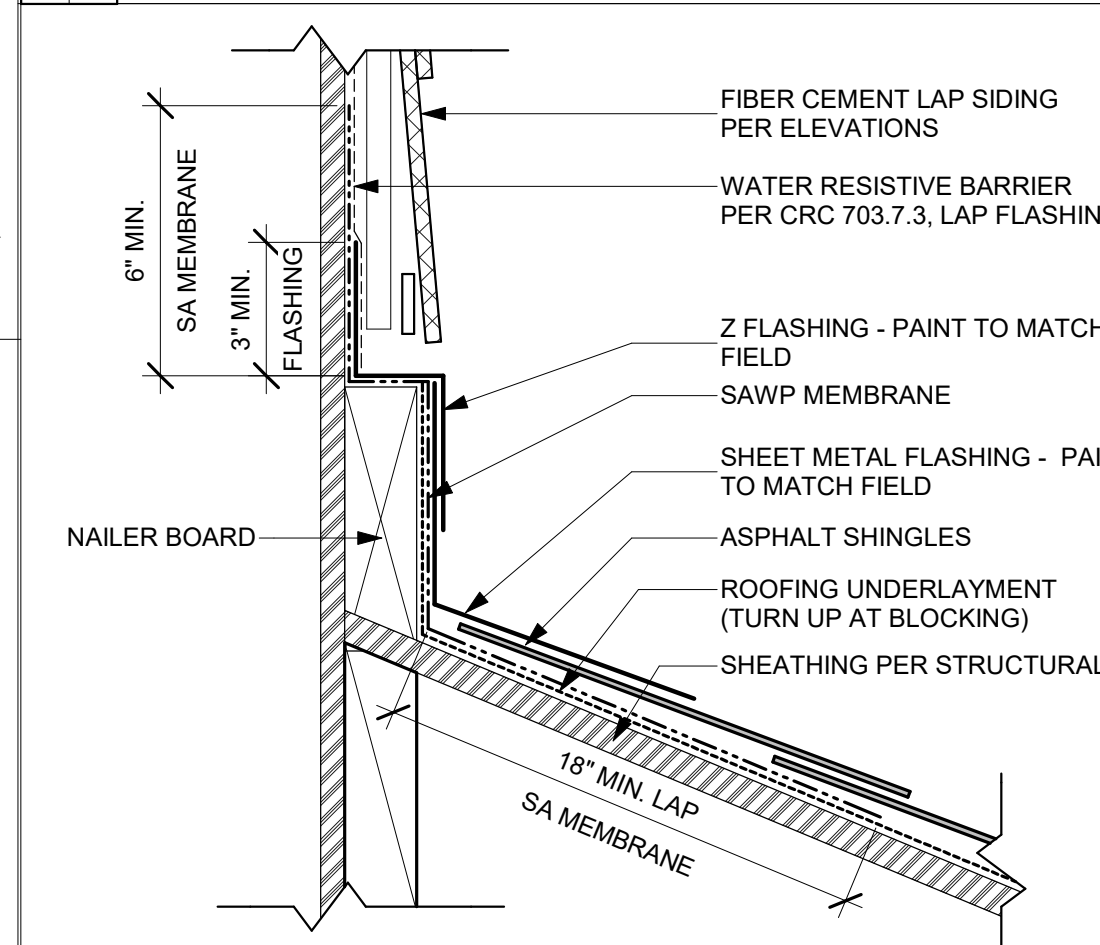
33 EAVE - RURAL MOUNTAIN
SCALE: 1 1/2" = 1'-0"



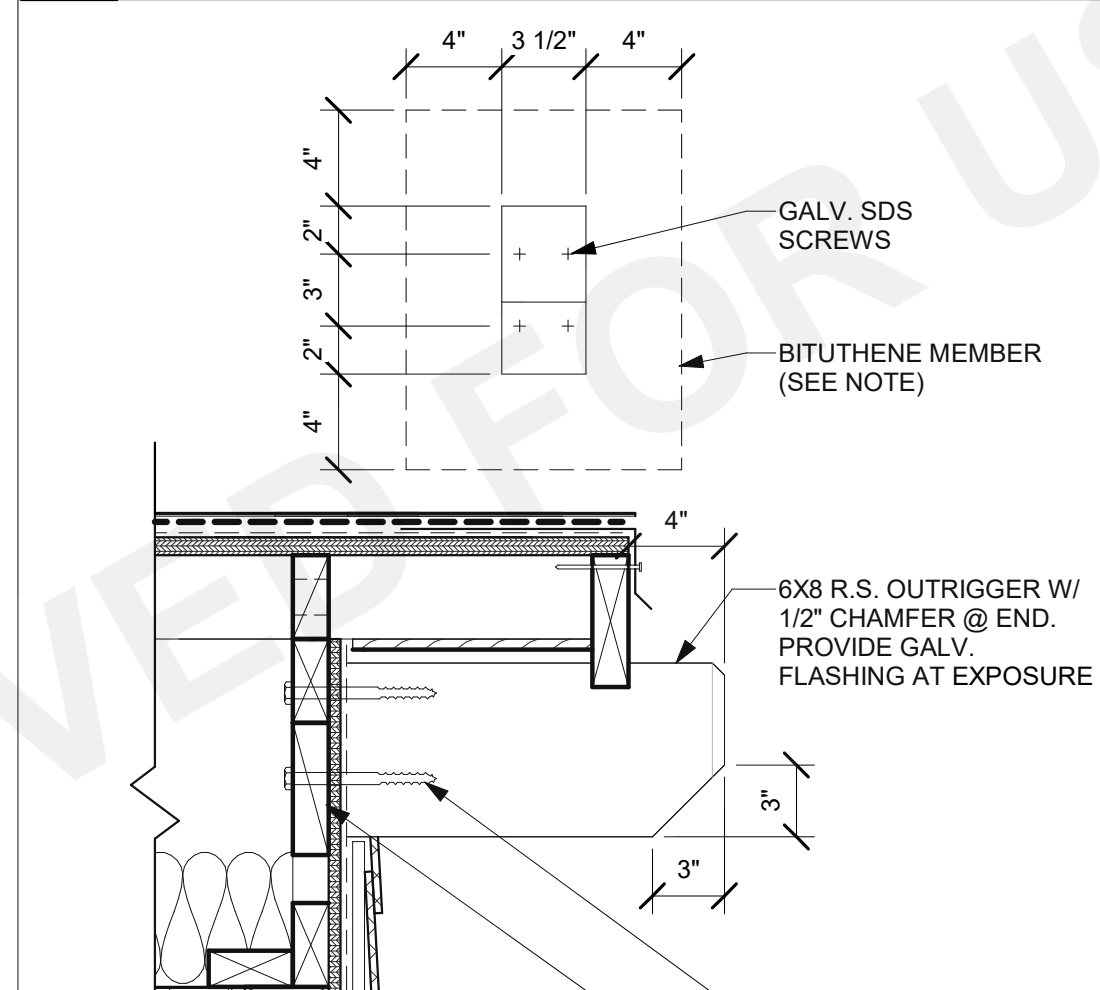
34 TYP. RURAL MNTN LIGHT FIXTURE
SCALE: 1 1/2" = 1'-0"



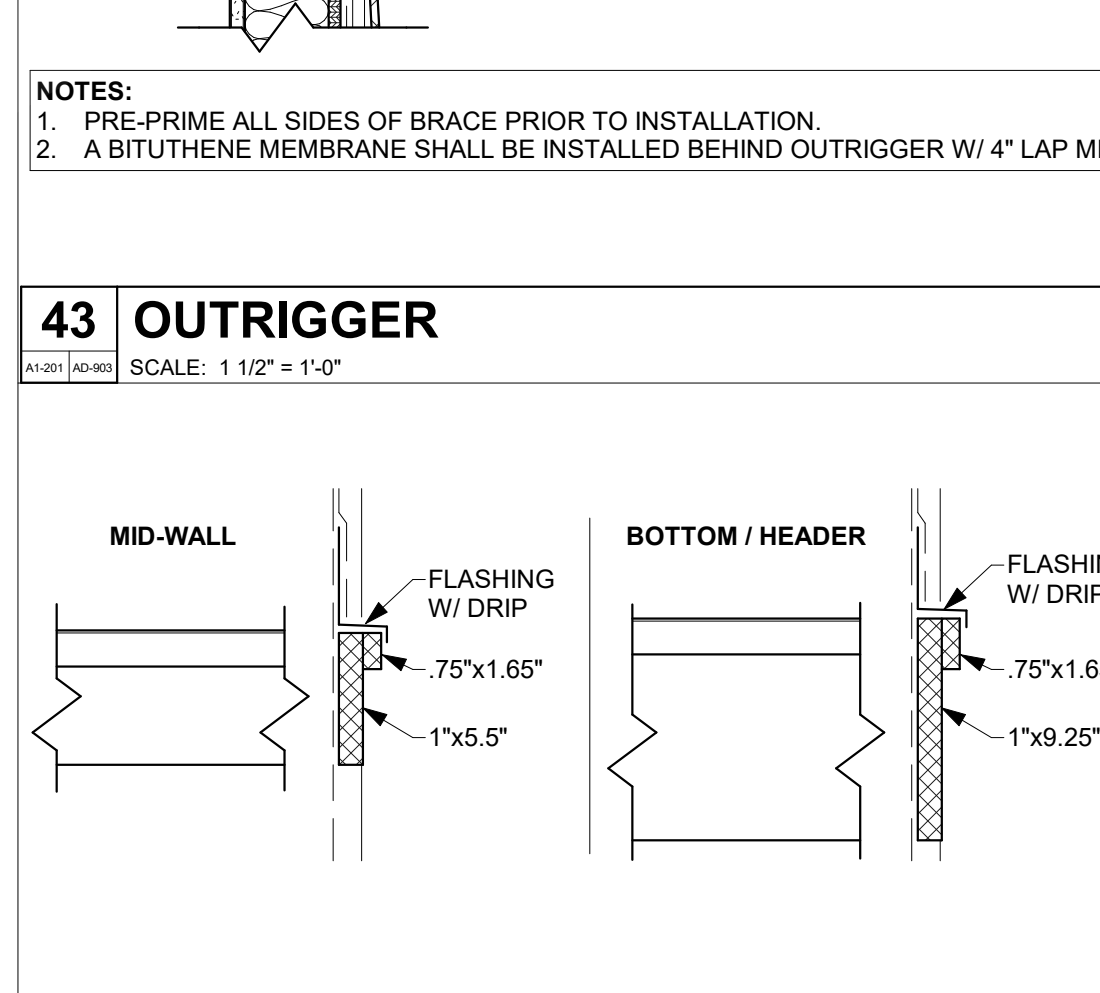
41 SIDEWALL - SUBURBAN RANCH
SCALE: 3/4" = 1'-0"



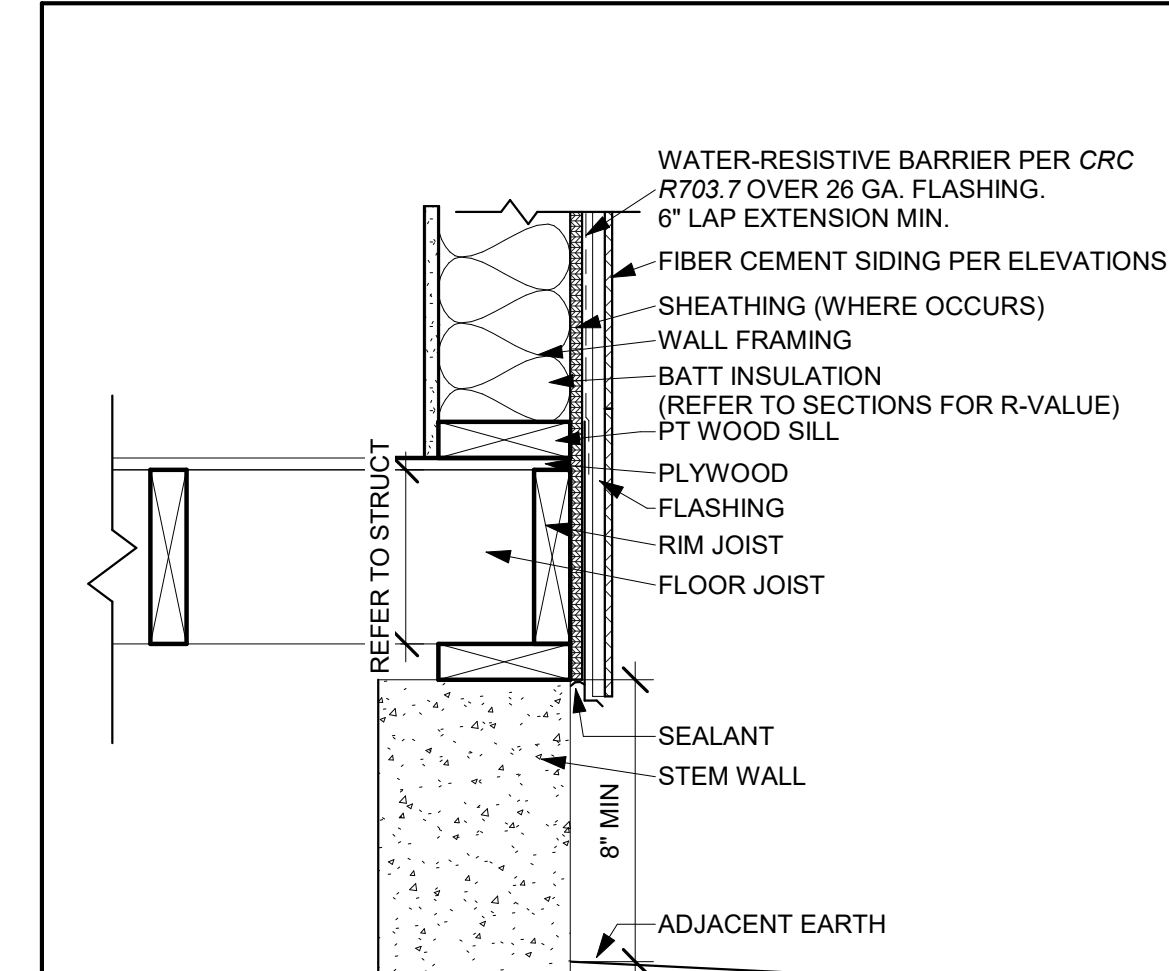
42 HEADWALL - CRAFTSMAN
SCALE: 3/4" = 1'-0"



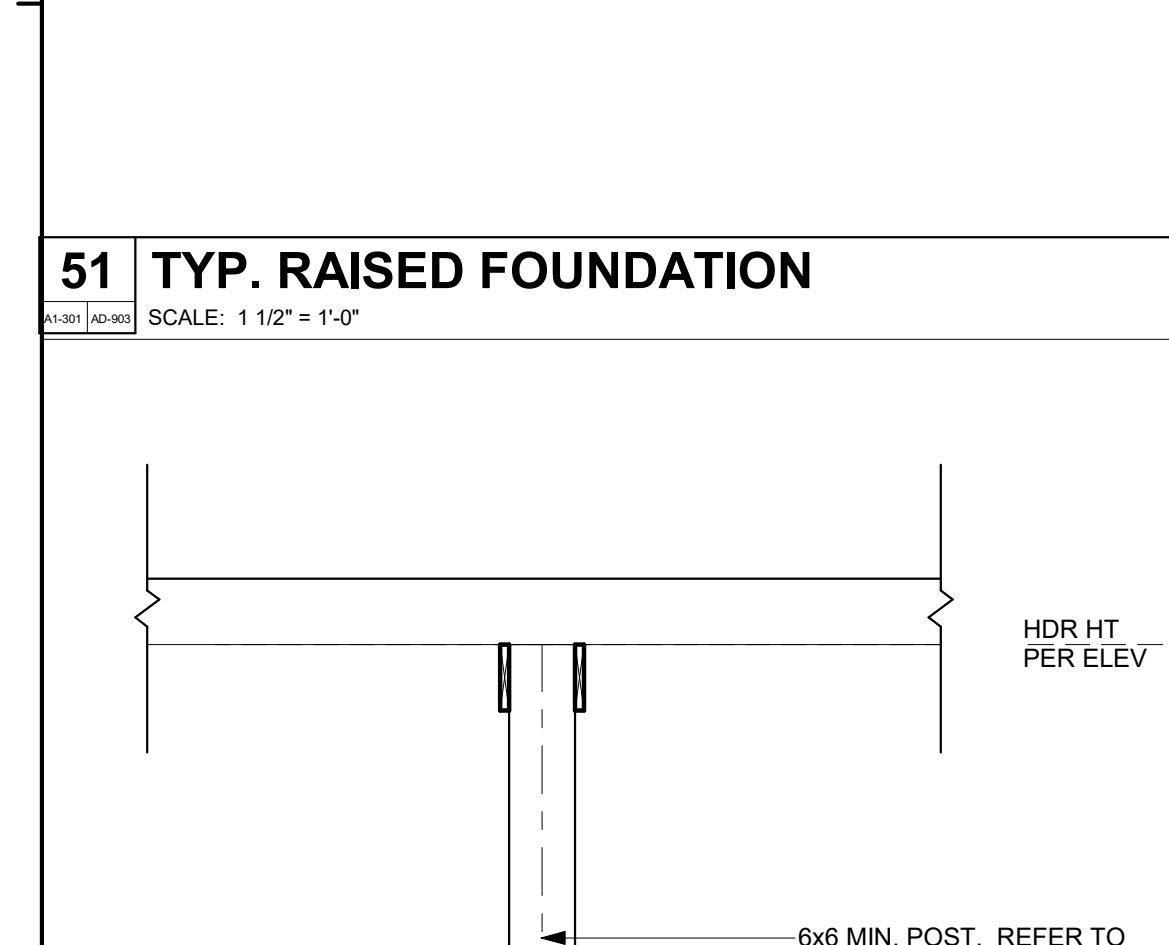
43 OUTRIGGER
SCALE: 1 1/2" = 1'-0"



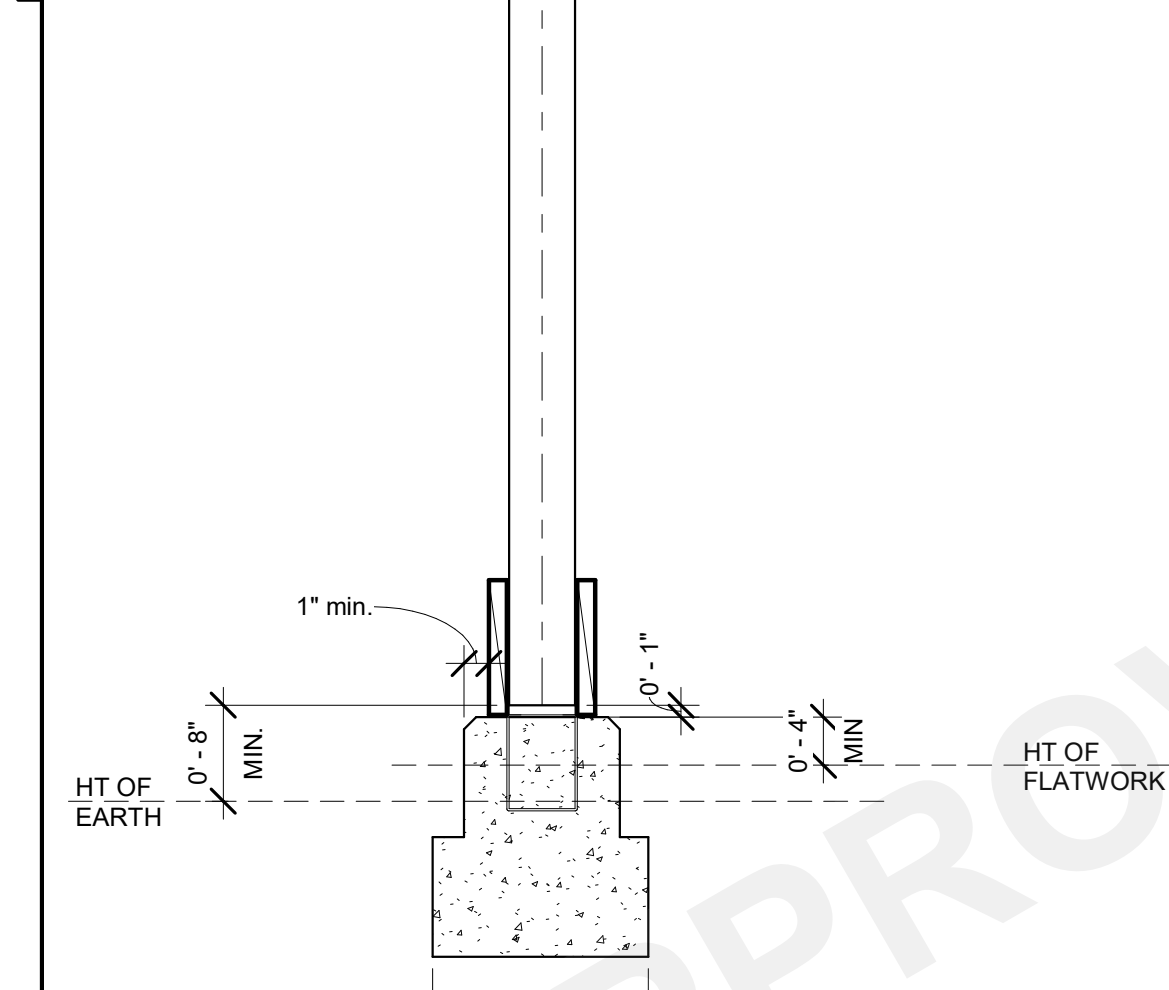
44 TRIM PROFILE - RURAL MOUNTAIN
SCALE: 1 1/2" = 1'-0"



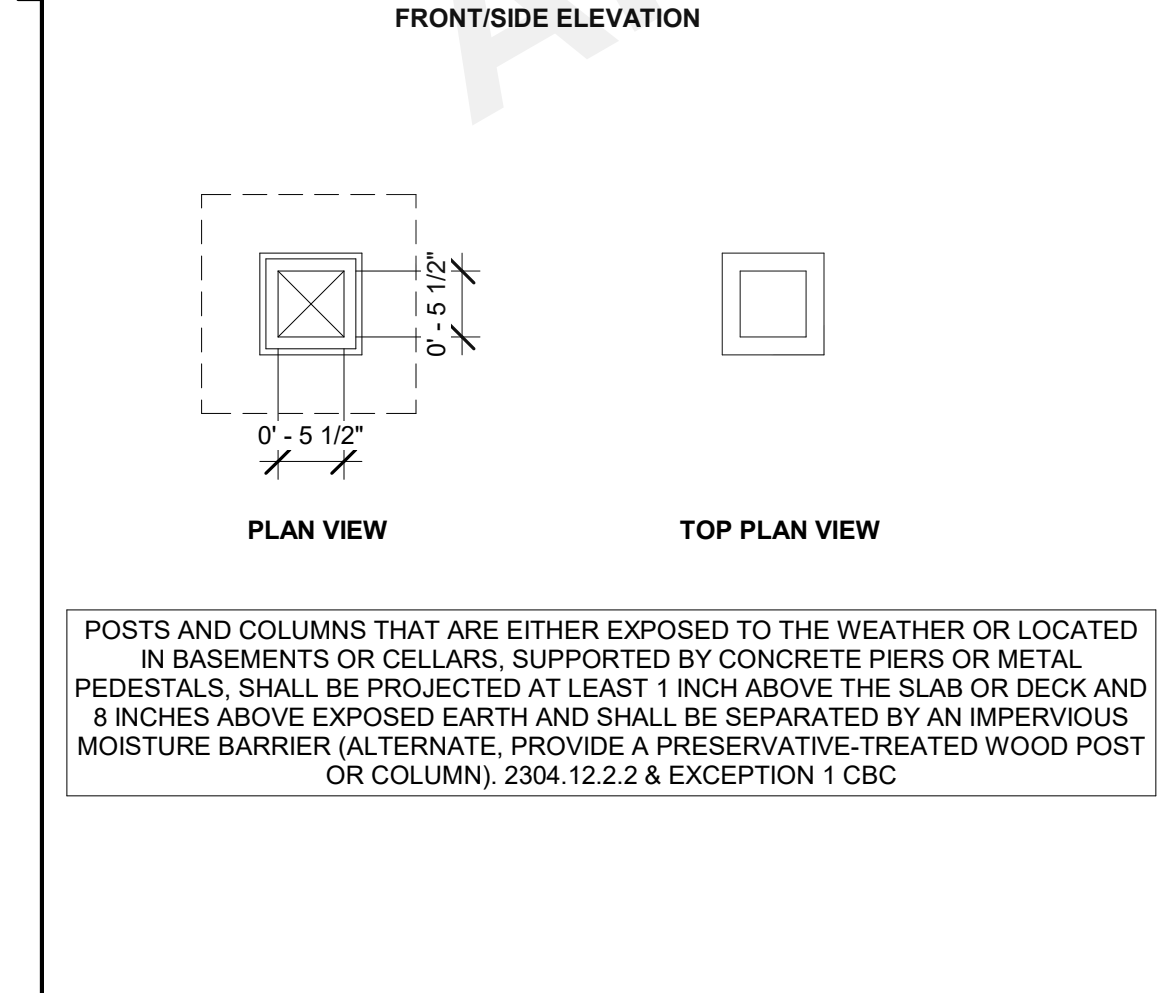
51 TYP. RAISED FOUNDATION
SCALE: 1 1/2" = 1'-0"



54 POST-RURAL MOUNTAIN
SCALE: 3/4" = 1'-0"



55 TYP. FOUNDATION-LOW DESERT
SCALE: 3/4" = 1'-0"



56 TYP. FOUNDATION-MOUNTAIN
SCALE: 3/4" = 1'-0"

1/25/2024 4:05:50 PM Autodesk Docs://2540-04_Mono County ADUs - Code Updates/2340-01_Mono County ADUs_2022 Code Update.rvt



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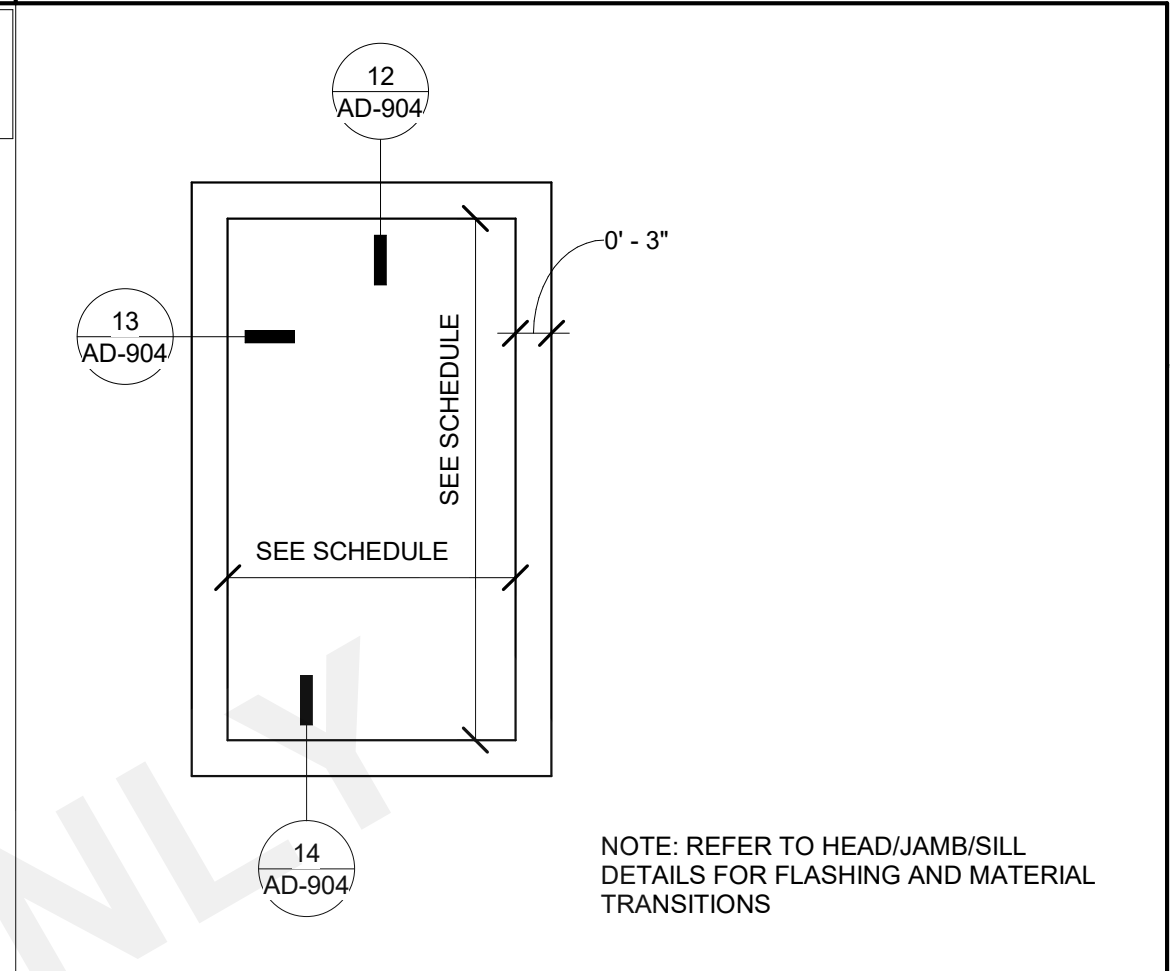
MONO COUNTY ADU
PROTOTYPES
MONO COUNTY
ARCHITECTURAL DETAILS - HIGH
DESERT

DATE
01/10/2024

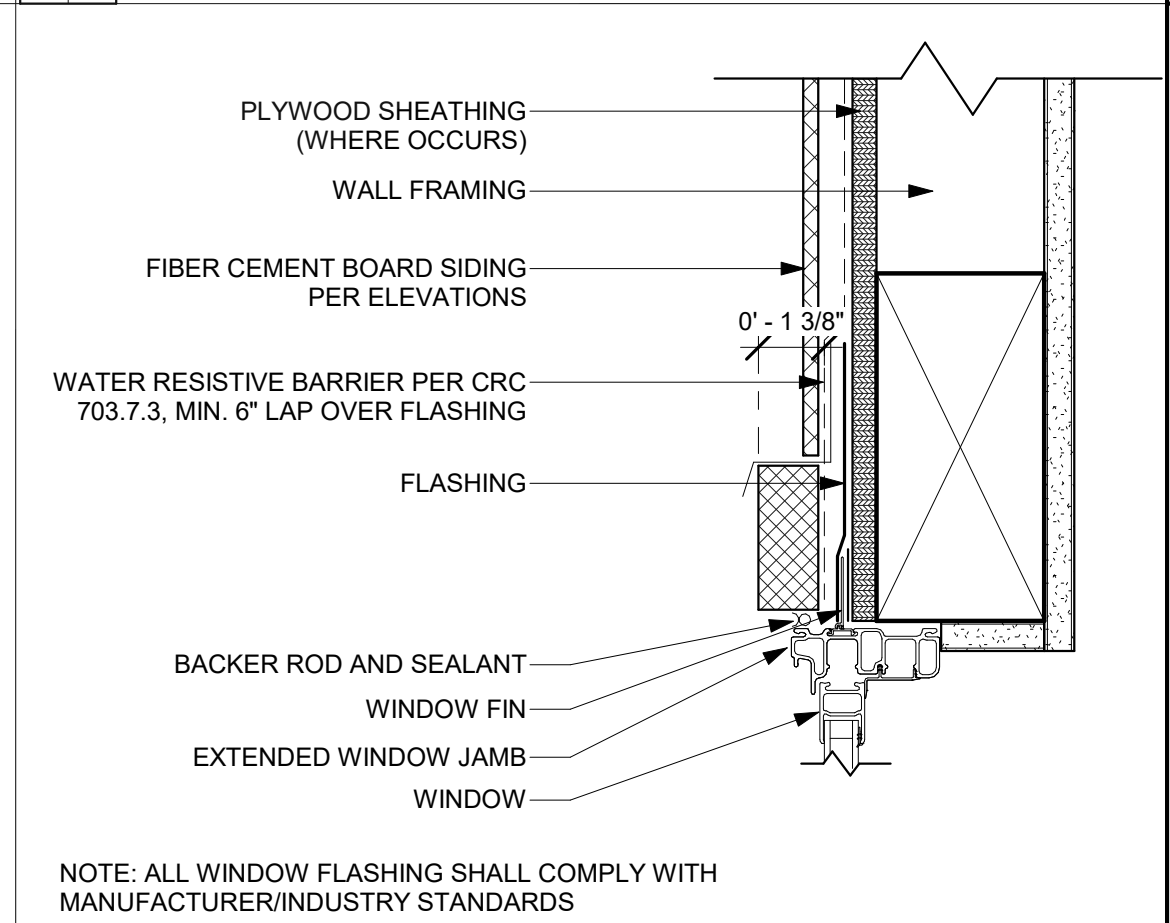
SHEET

AD-904

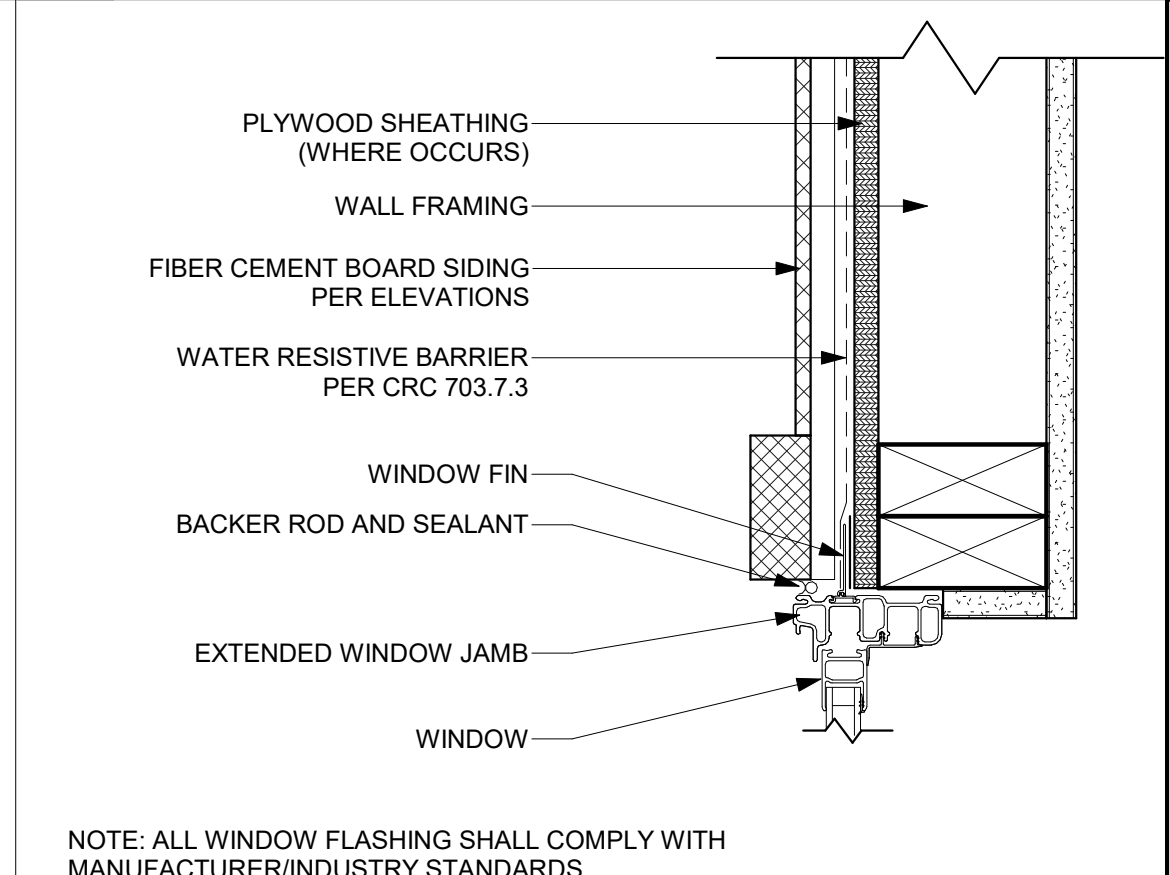
PUBLIC SET



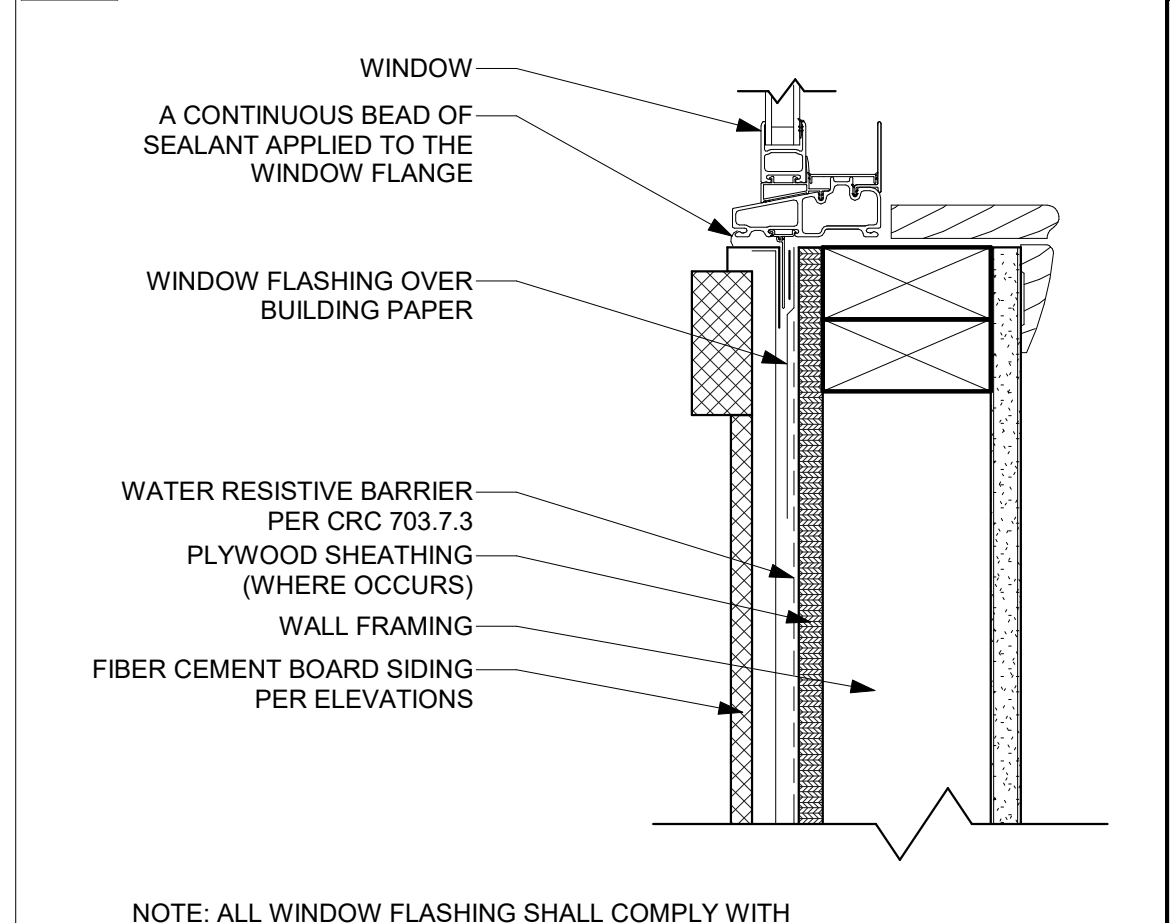
11 WINDOW TRIM - HIGH DESERT
SCALE: 3/4" = 1'-0"



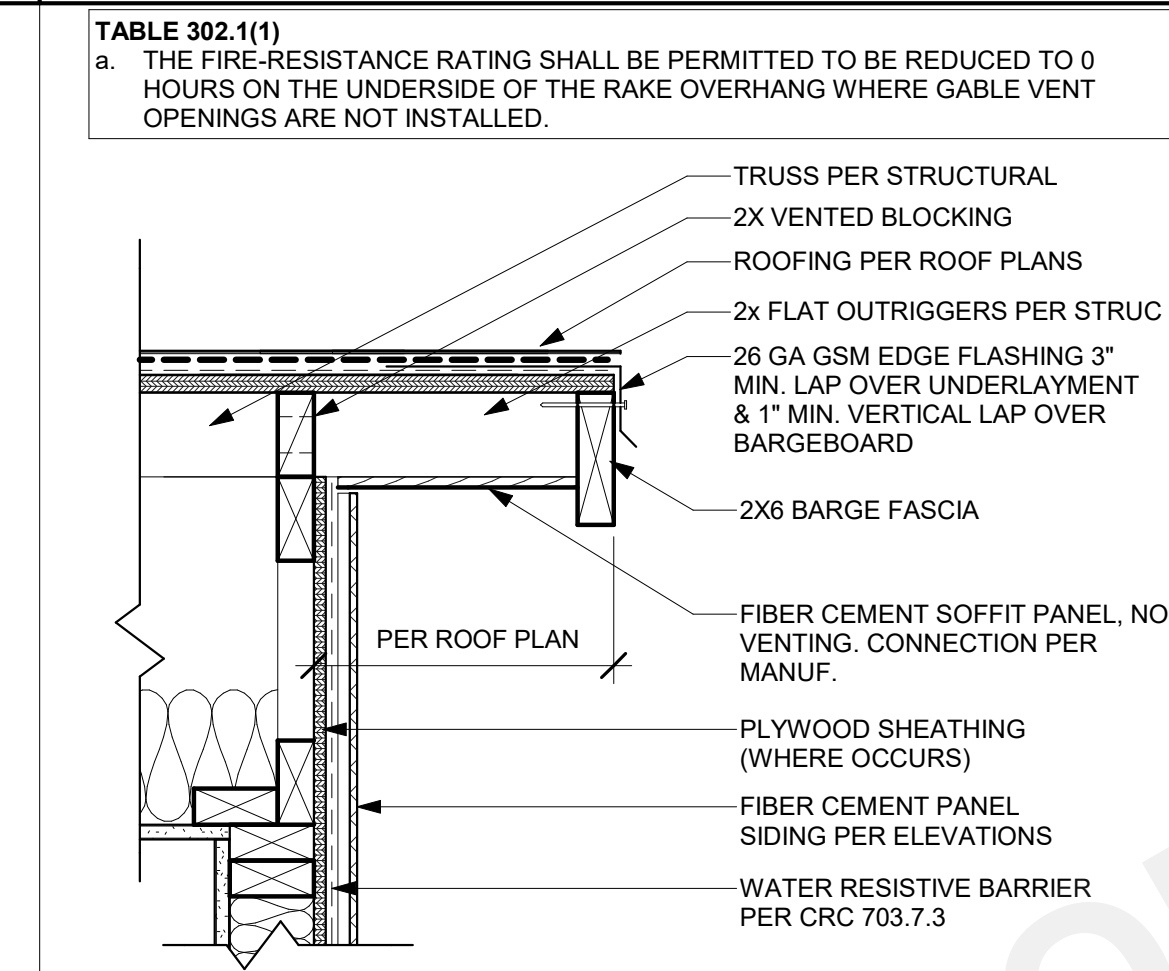
12 TYP. WINDOW HEAD-HIGH DESERT
SCALE: 3" = 1'-0"



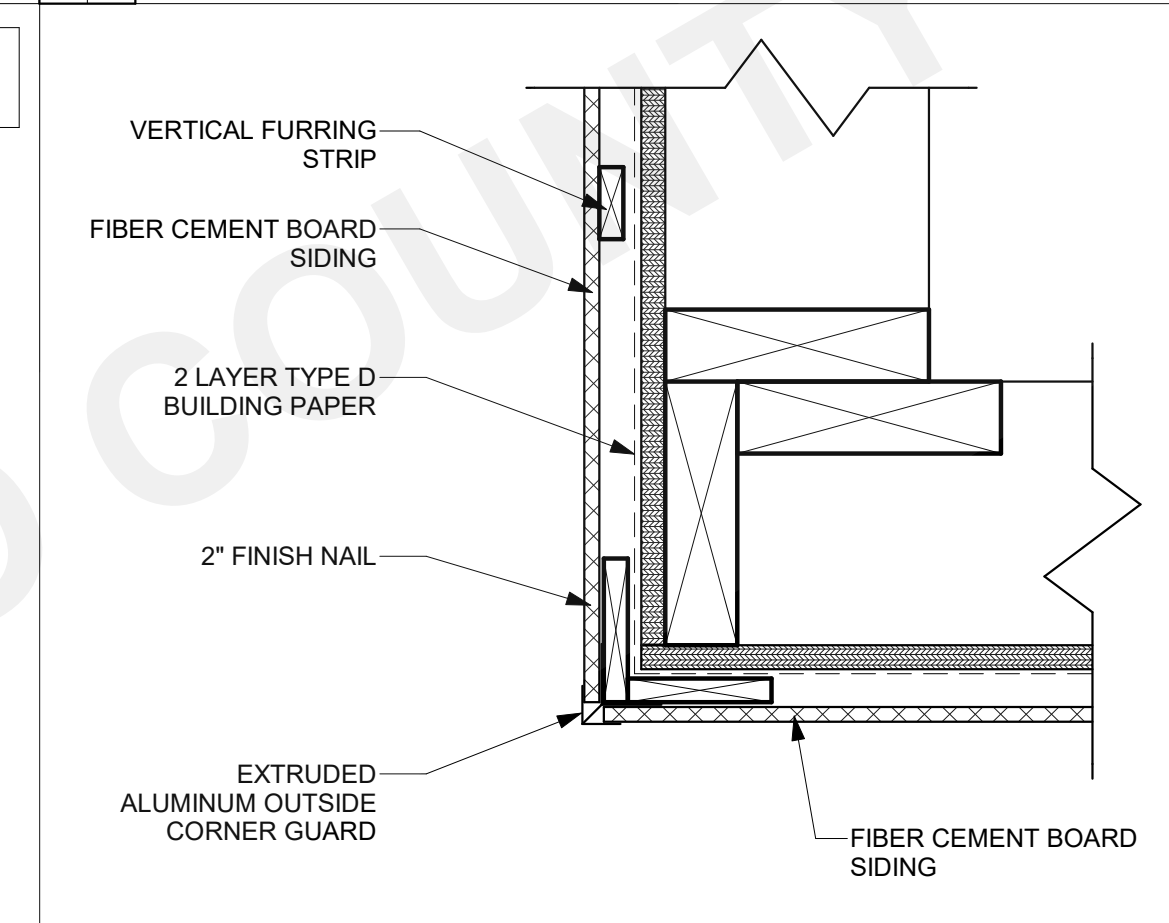
13 TYP. WINDOW JAMB-HIGH DESERT
SCALE: 3" = 1'-0"



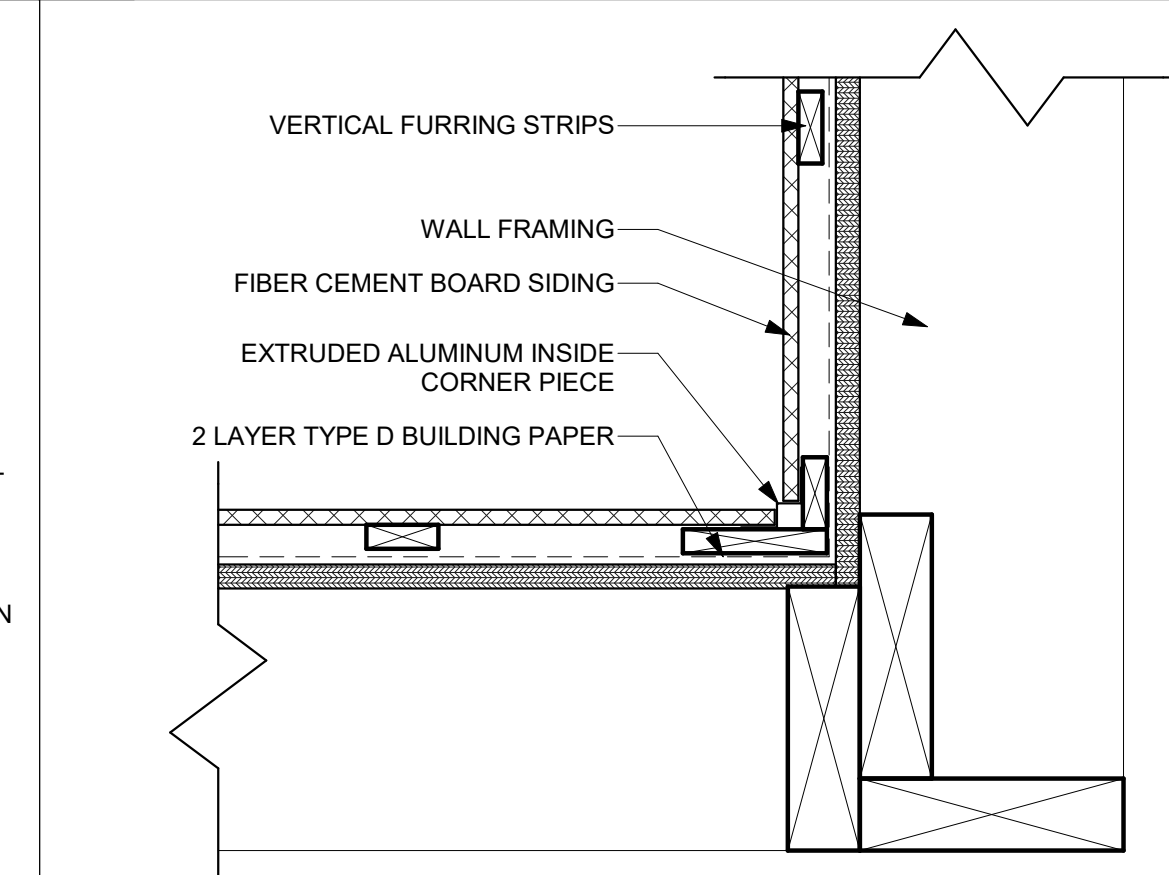
14 TYP. WINDOW SILL-HIGH DESERT
SCALE: 3" = 1'-0"



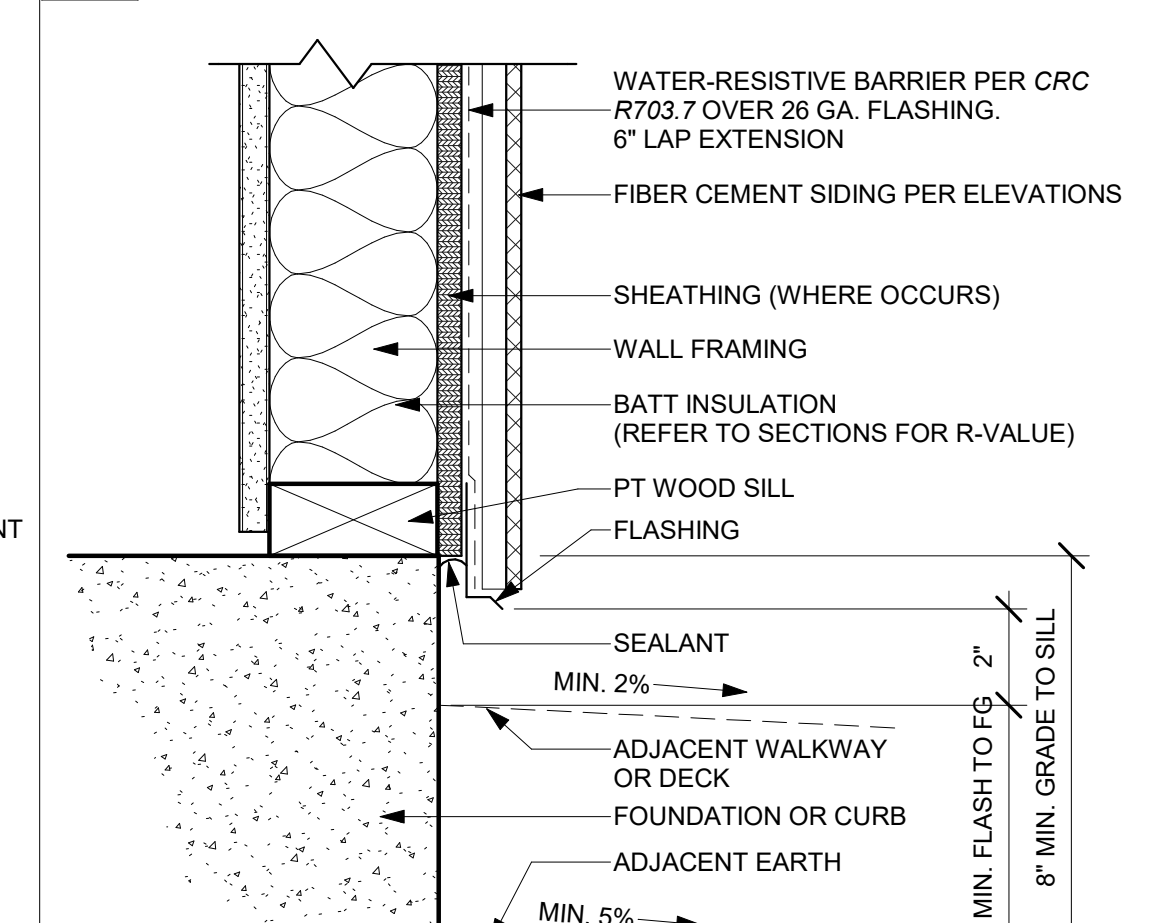
21 RAKE - HIGH DESERT
SCALE: 1 1/2" = 1'-0"



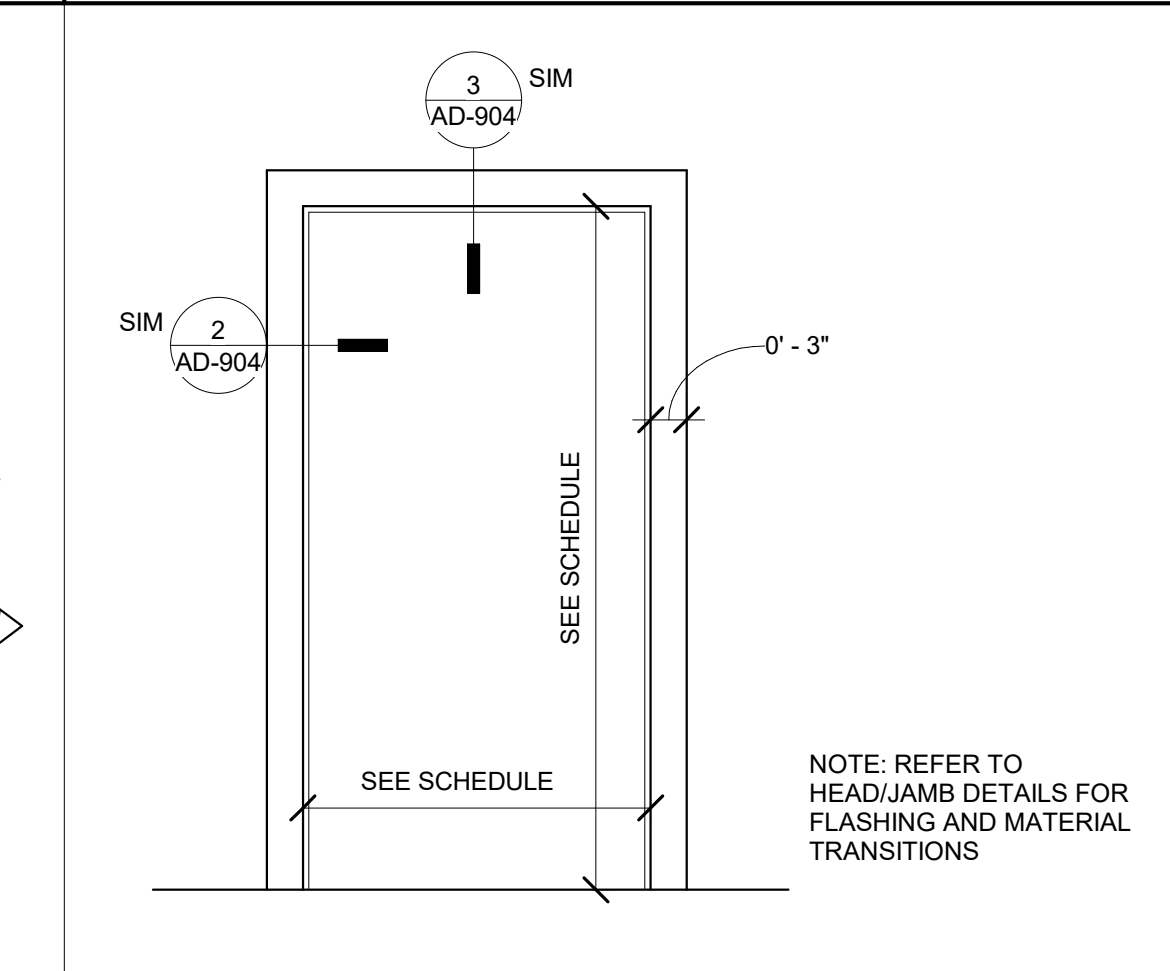
22 TYP. OUTSIDE CORNER-HIGH DESERT
SCALE: 3" = 1'-0"



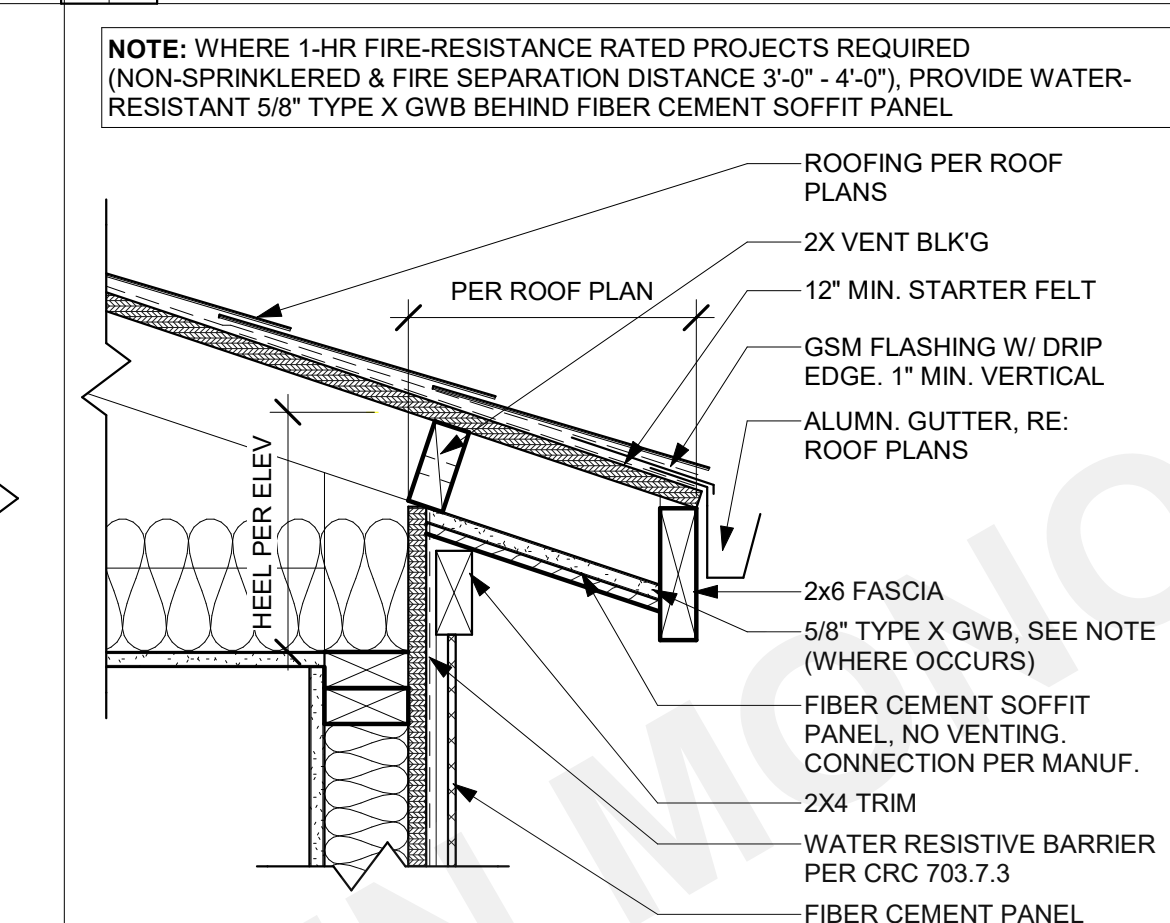
23 TYP. INSIDE CORNER-HIGH DESERT
SCALE: 3" = 1'-0"



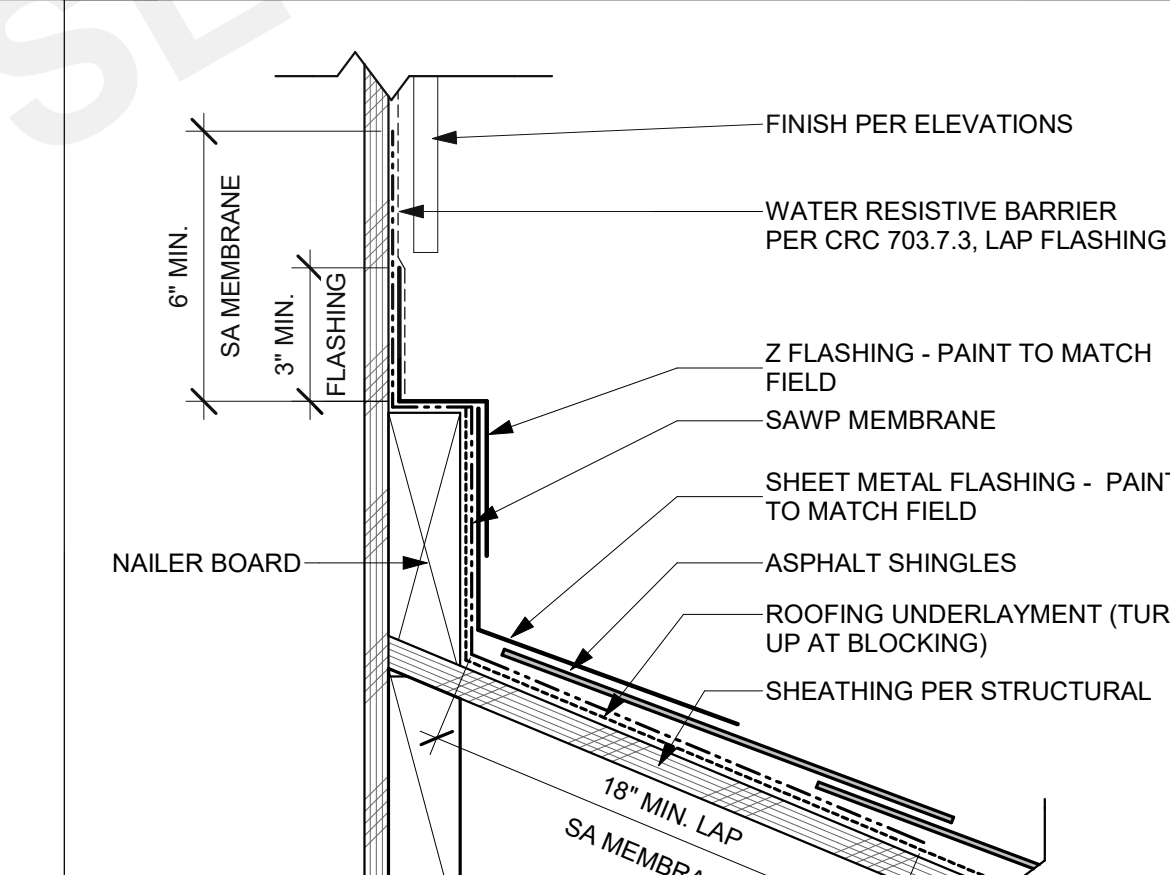
24 TYP. FOUNDATION-HIGH DESERT
SCALE: 3" = 1'-0"



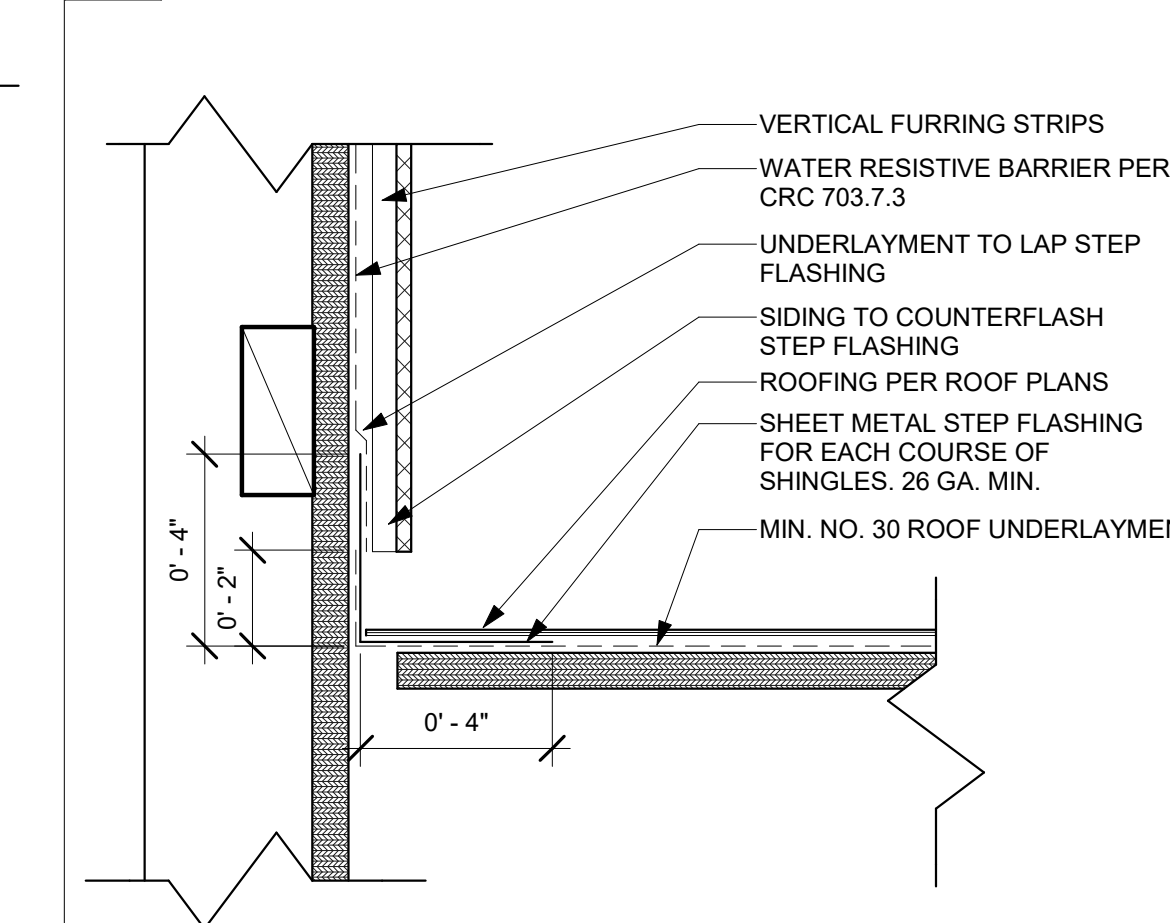
31 DOOR TRIM - HIGH DESERT
SCALE: 3/4" = 1'-0"



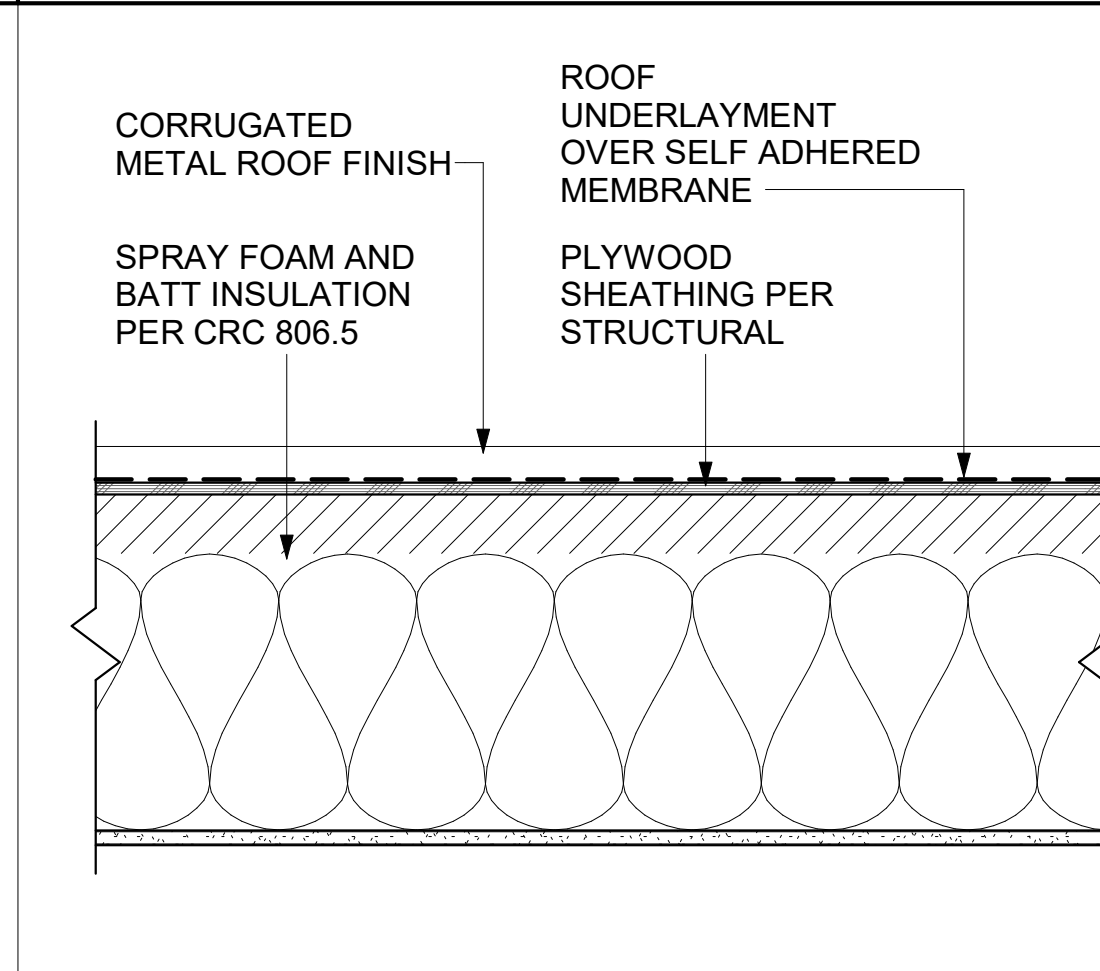
32 EAVE - HIGH DESERT
SCALE: 1 1/2" = 1'-0"



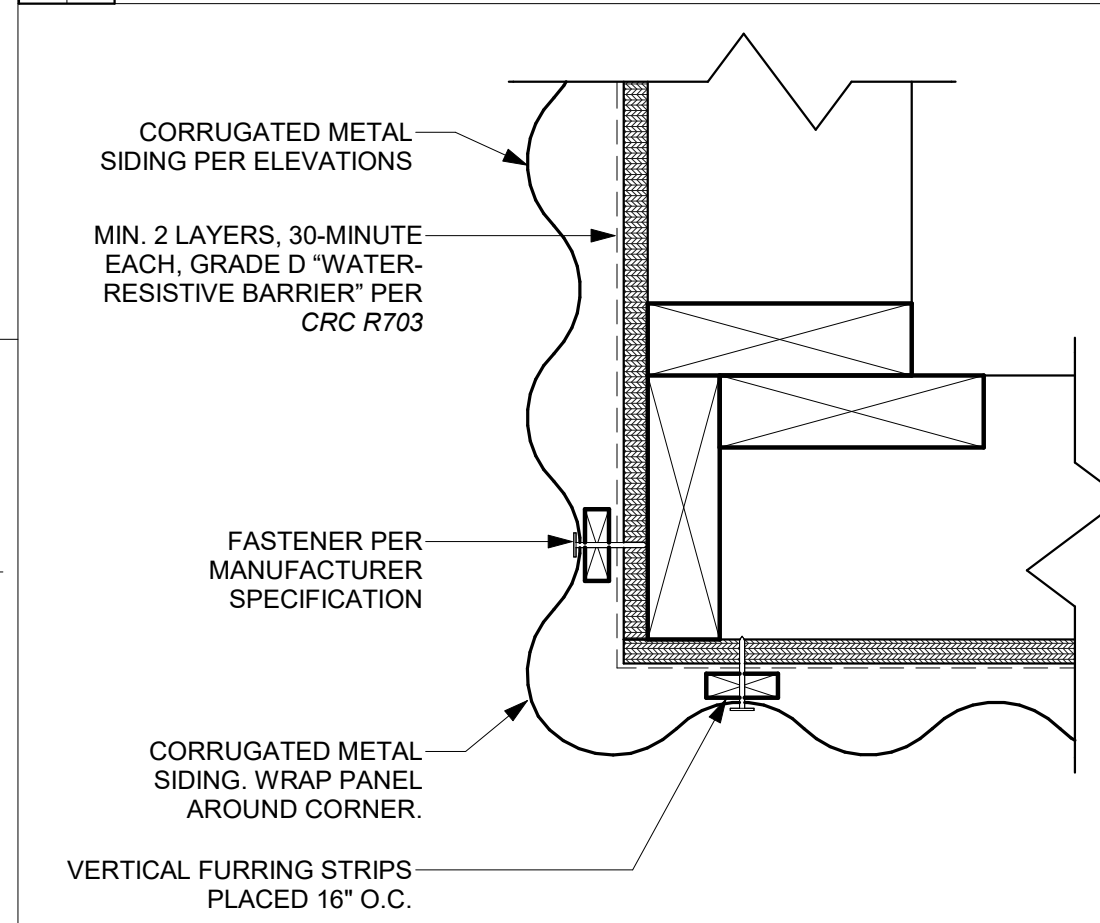
33 HEADWALL - HIGH DESERT
SCALE: 3" = 1'-0"



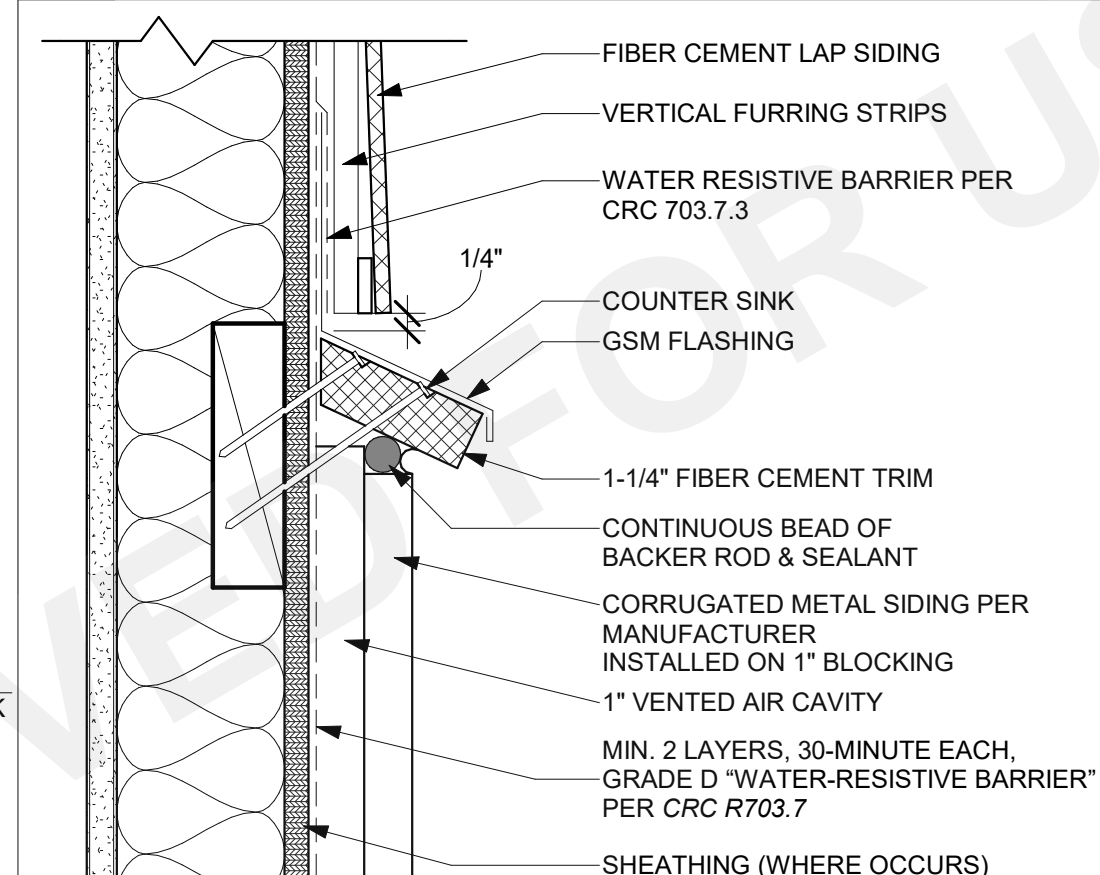
34 SIDEWALL - HIGH DESERT
SCALE: 3" = 1'-0"



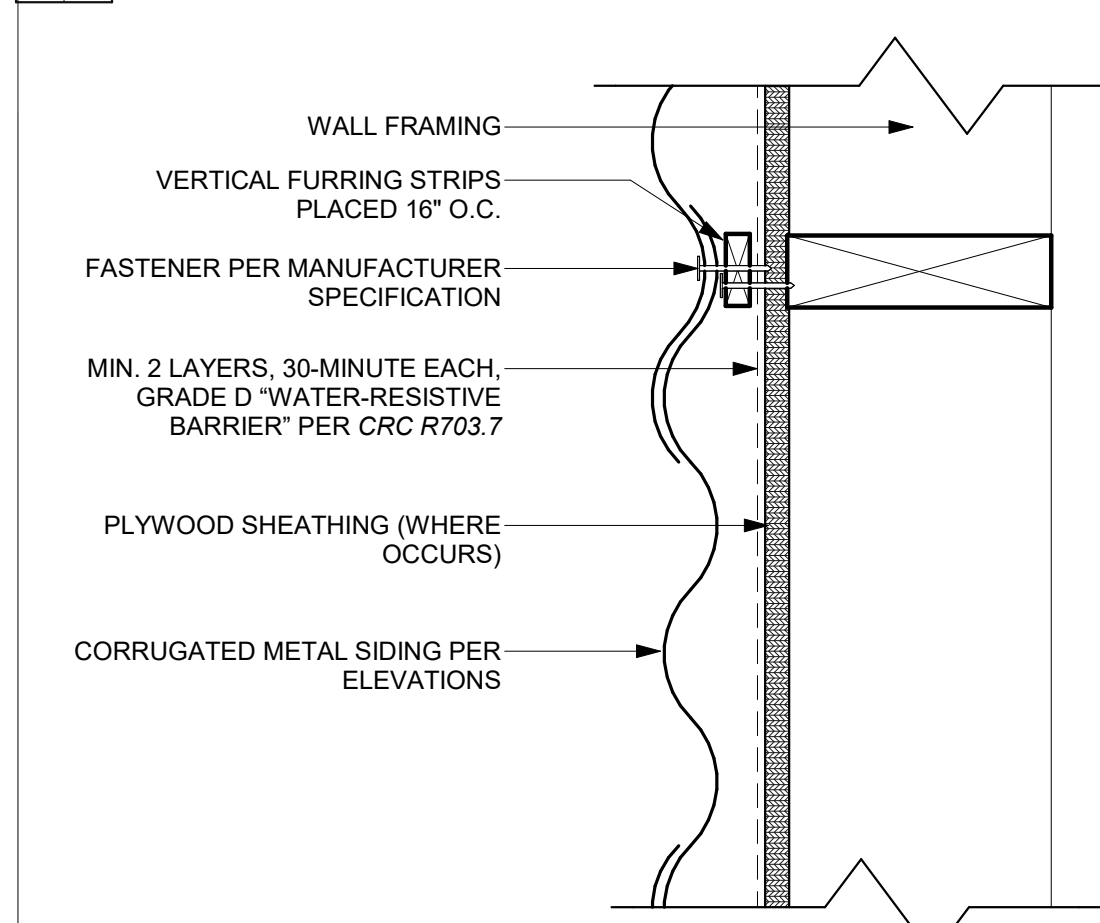
41 RAFTER ASSEMBLY - HIGH DESERT
SCALE: 1 1/2" = 1'-0"



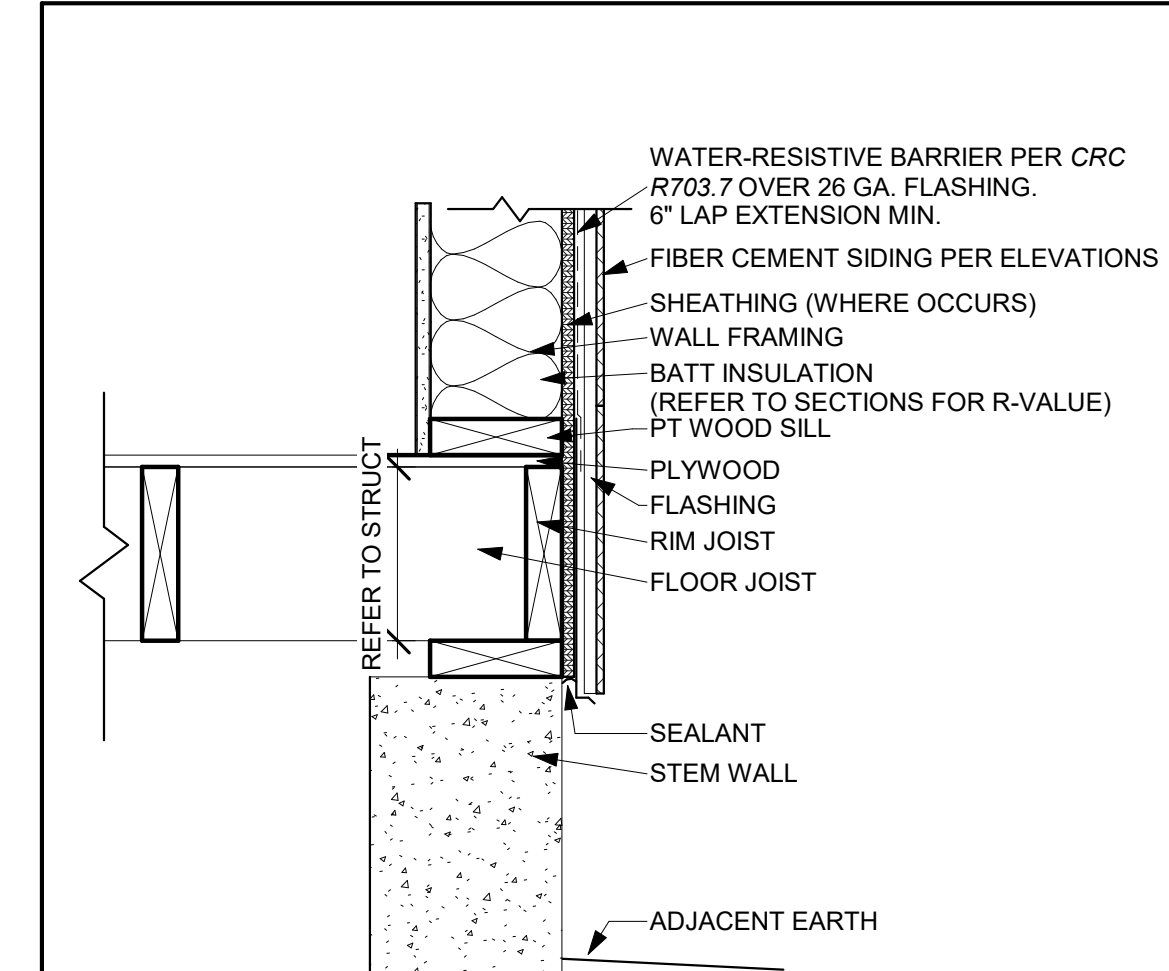
42 TYP. OUTSIDE CORNER-HIGH DESERT
SCALE: 3" = 1'-0"



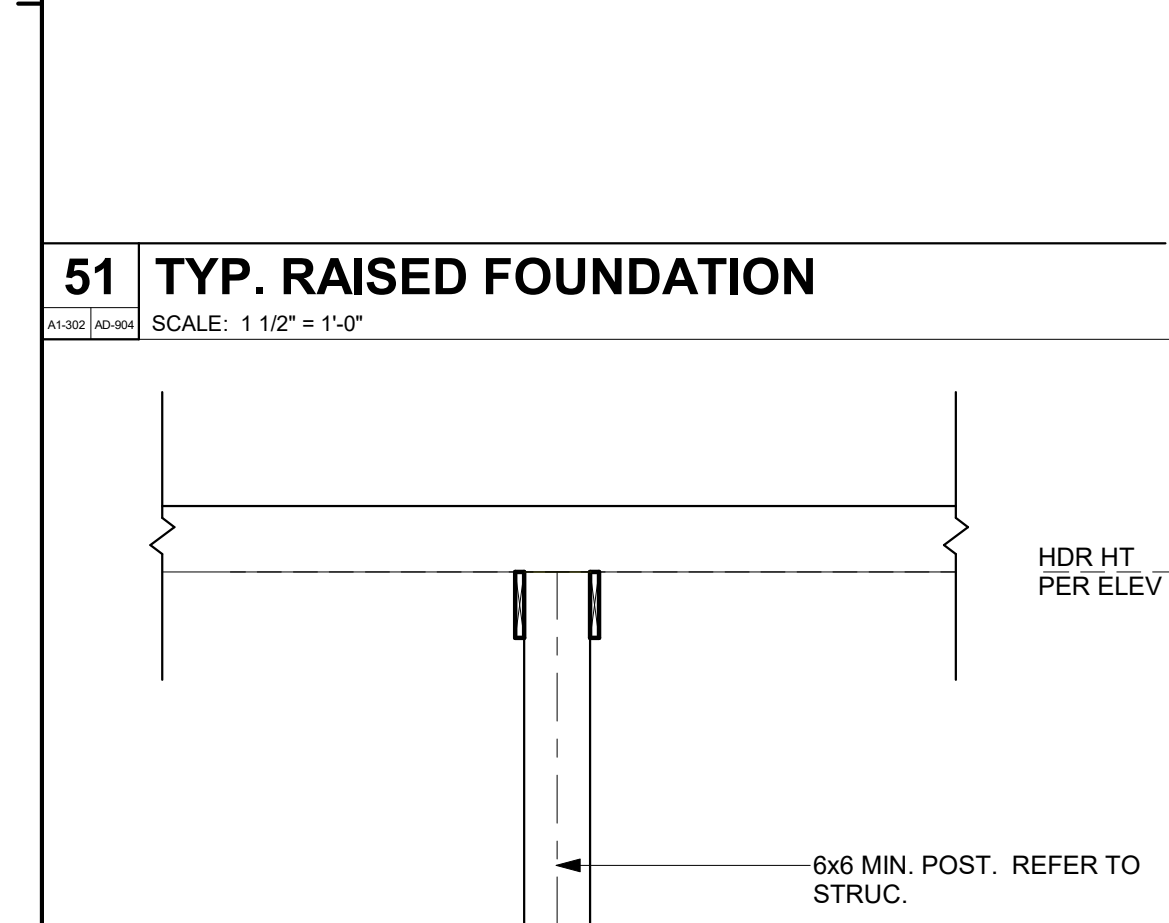
43 CORRUGATED METAL WAJNSCOT
SCALE: 3" = 1'-0"



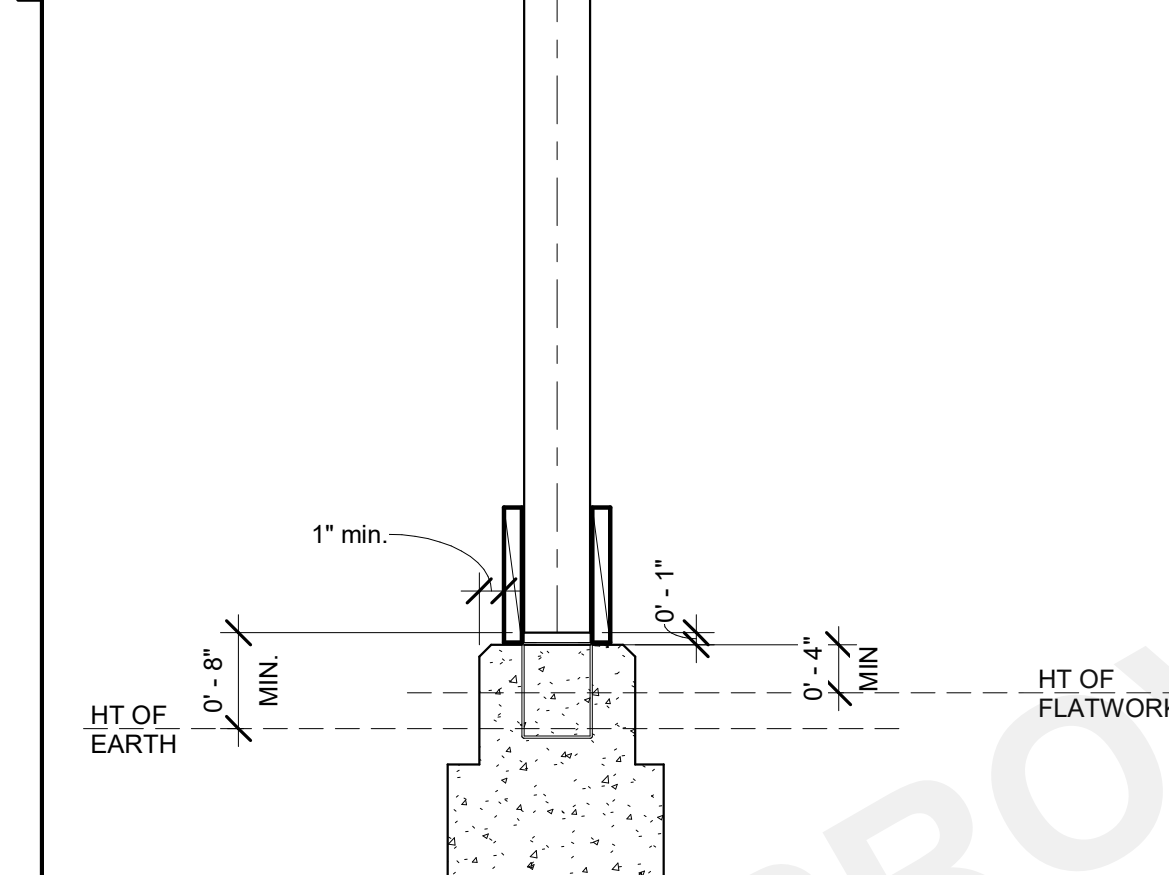
44 CORRUGATED METAL WALL EXT.
SCALE: 3" = 1'-0"



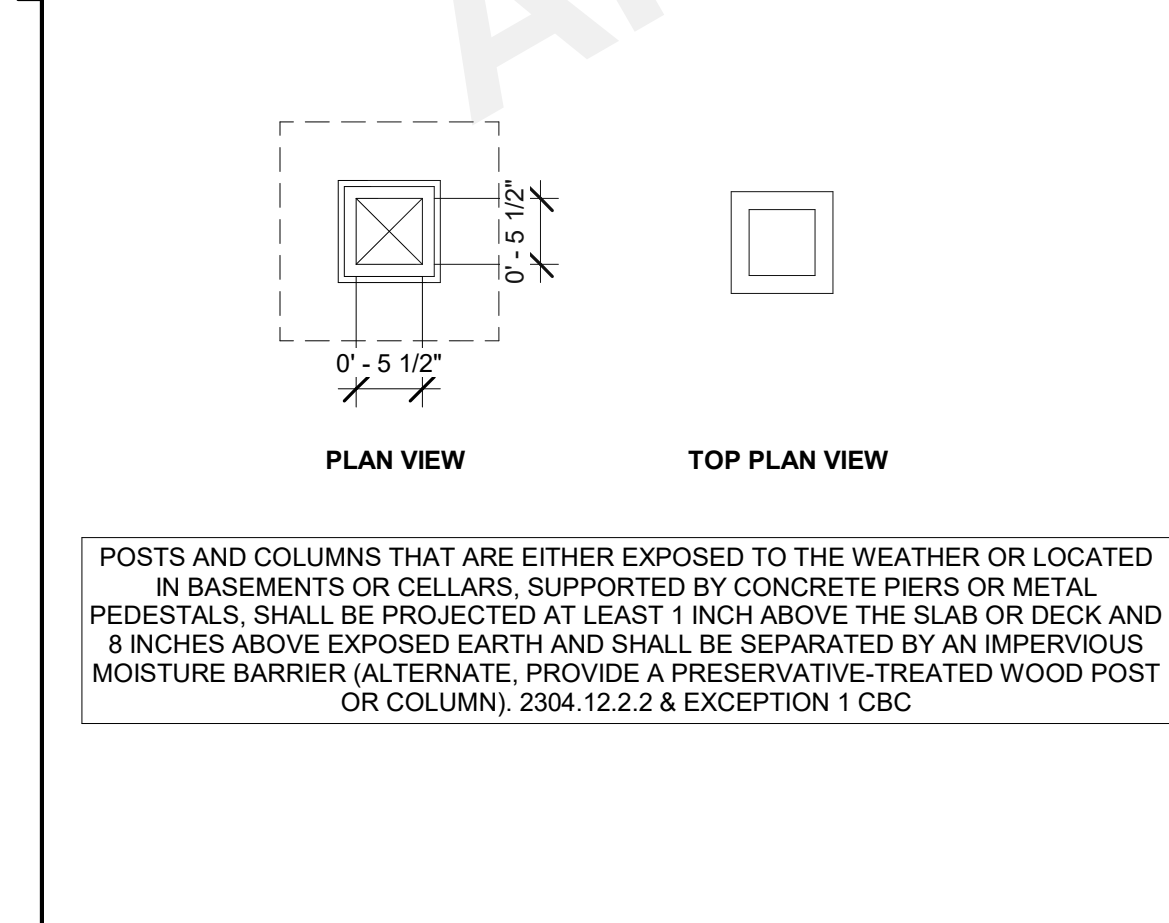
51 TYP. RAISED FOUNDATION
SCALE: 1 1/2" = 1'-0"



54 POST-HIGH DESERT
SCALE: 3/4" = 1'-0"



55 POST-HIGH DESERT
SCALE: 3/4" = 1'-0"



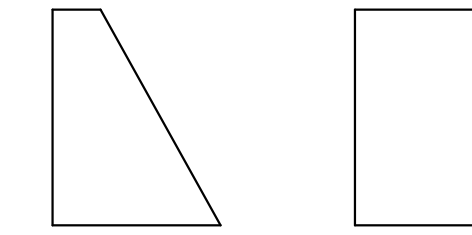
56 POST-HIGH DESERT
SCALE: 3/4" = 1'-0"

1/25/2024 4:05:51 PM Autodesk Docs://2540-04_Mono County ADUs - Code Updates/2340-01_Mono County ADUs_2022 Code Update.rvt



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*ALL EXTERIOR LIGHTING MUST BE DARK SKY COMPLIANT

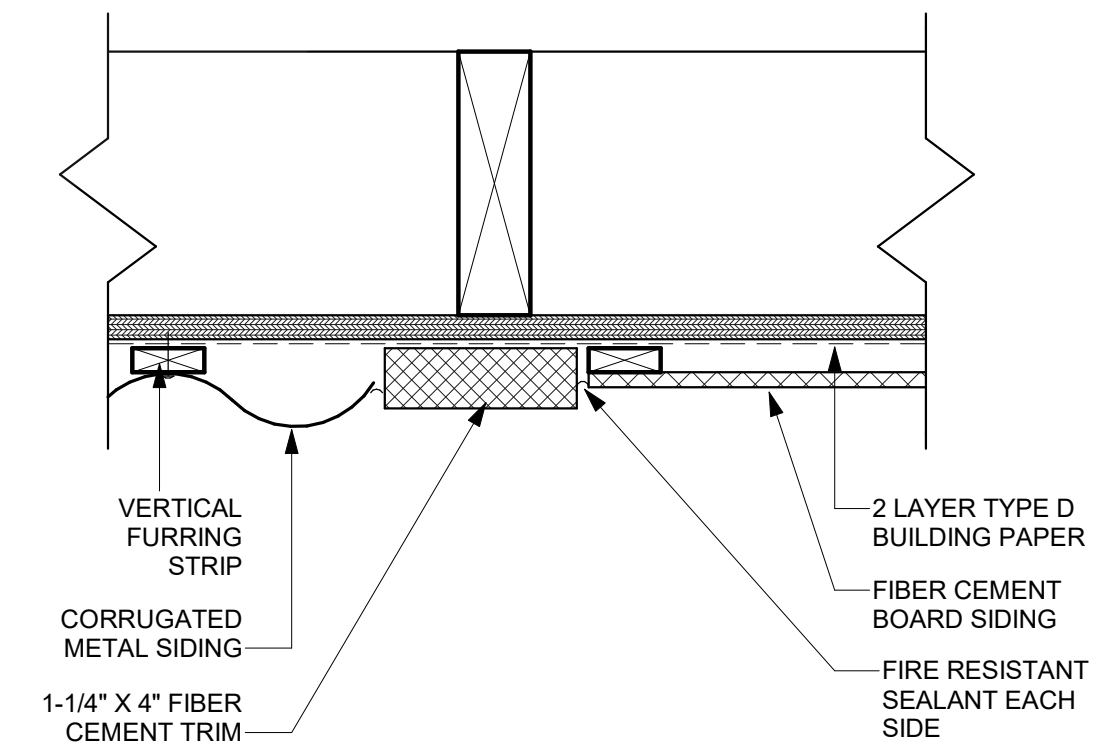


LINGMAN LIGHTING - WALL MOUNT DIMMABLE BLACK LED WALL SCONCE (ULEW-30001-8W-T3-W30-01-120/277V)

OR EQUAL DARK SKY COMPLIANT FIXTURE PER ZONING REGULATIONS SECTION 17.70.100.

11 LIGHT FIXTURE - HIGH DESERT

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



12 WALL - CORRUGATED TO FIBER CEMENT TRANSITION

SCALE: 3\"/>

MONO COUNTY ADU PROTOTYPES
MONO COUNTY
ARCHITECTURAL DETAILS - HIGH DESERT

DATE
01/10/2024

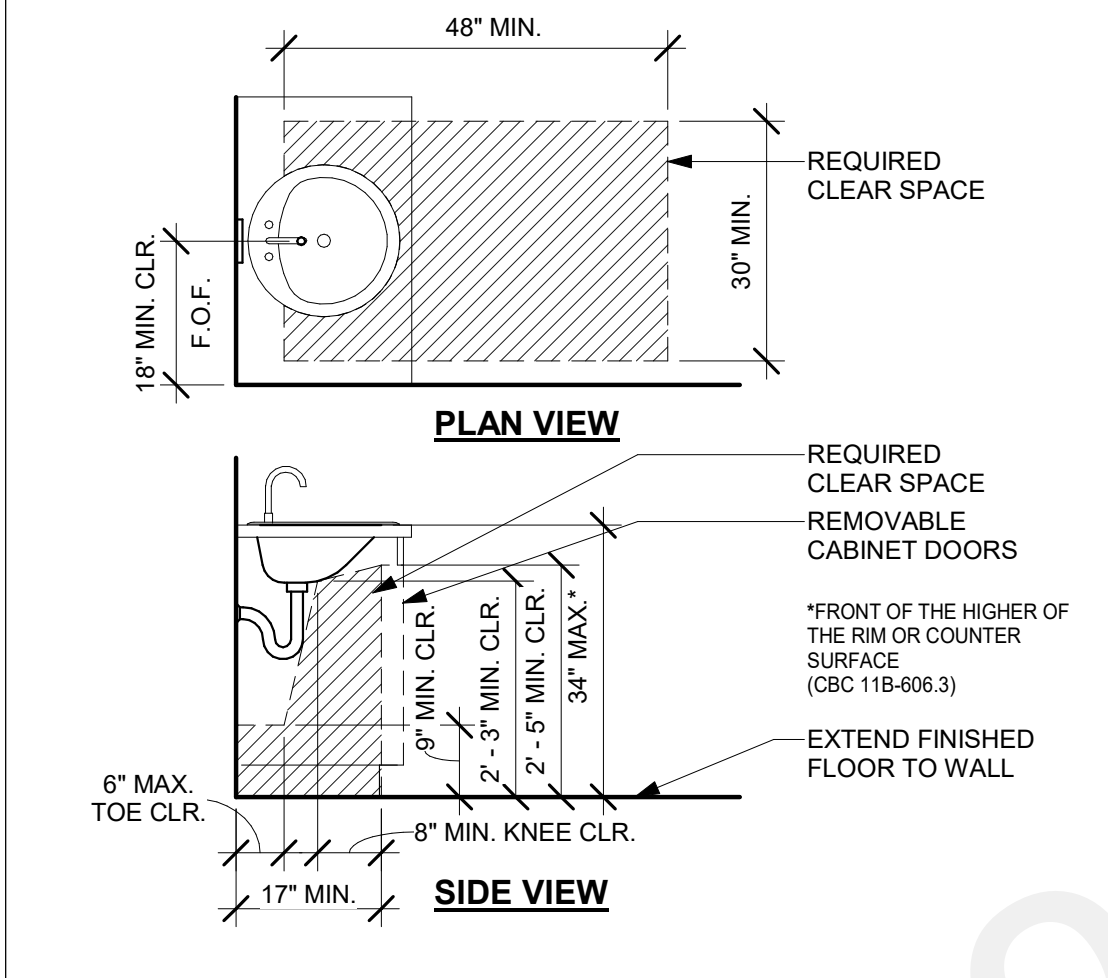
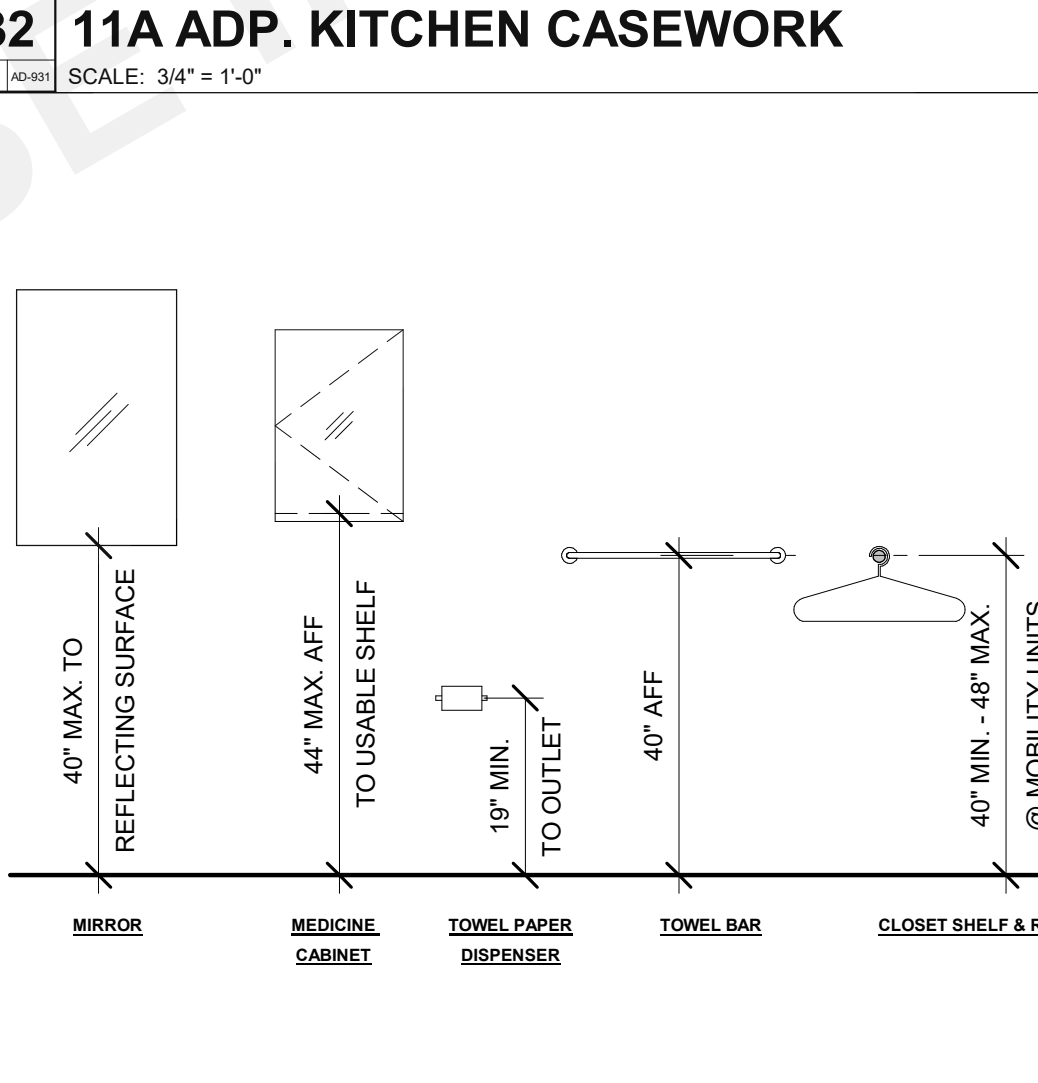
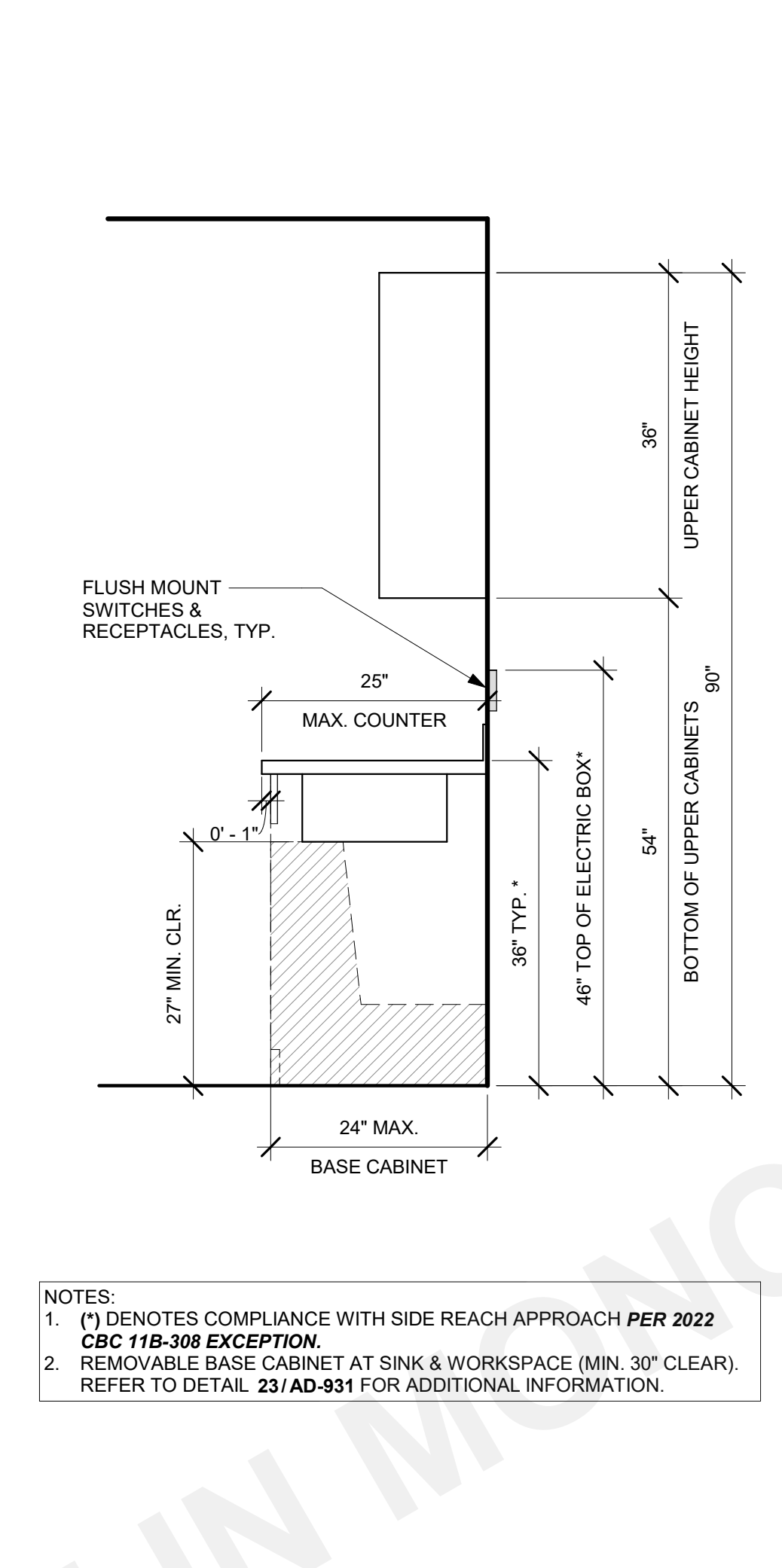
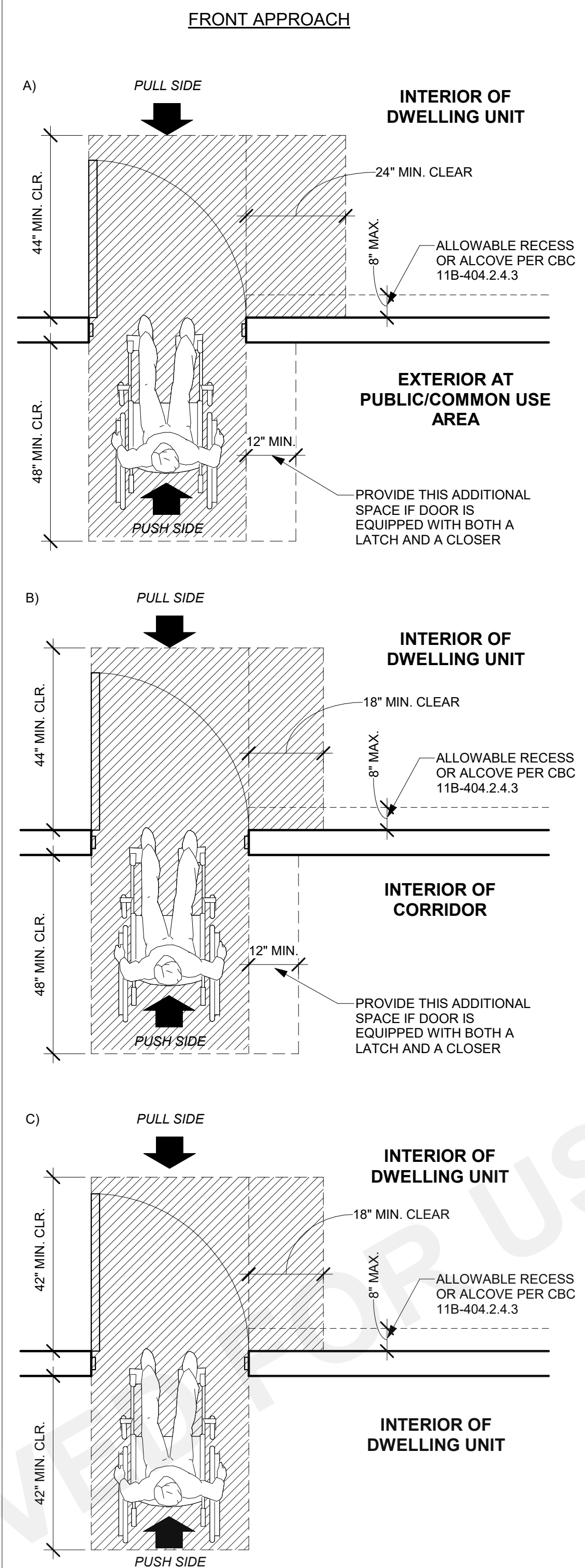
SHEET
AD-905

PUBLIC SET



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MONO COUNTY ADU
PROTOTYPES
MONO COUNTY
ADAPTABILITY DETAILS



21 11A ADP. BATHROOM SINK
SCALE: 1/2" = 1'-0"

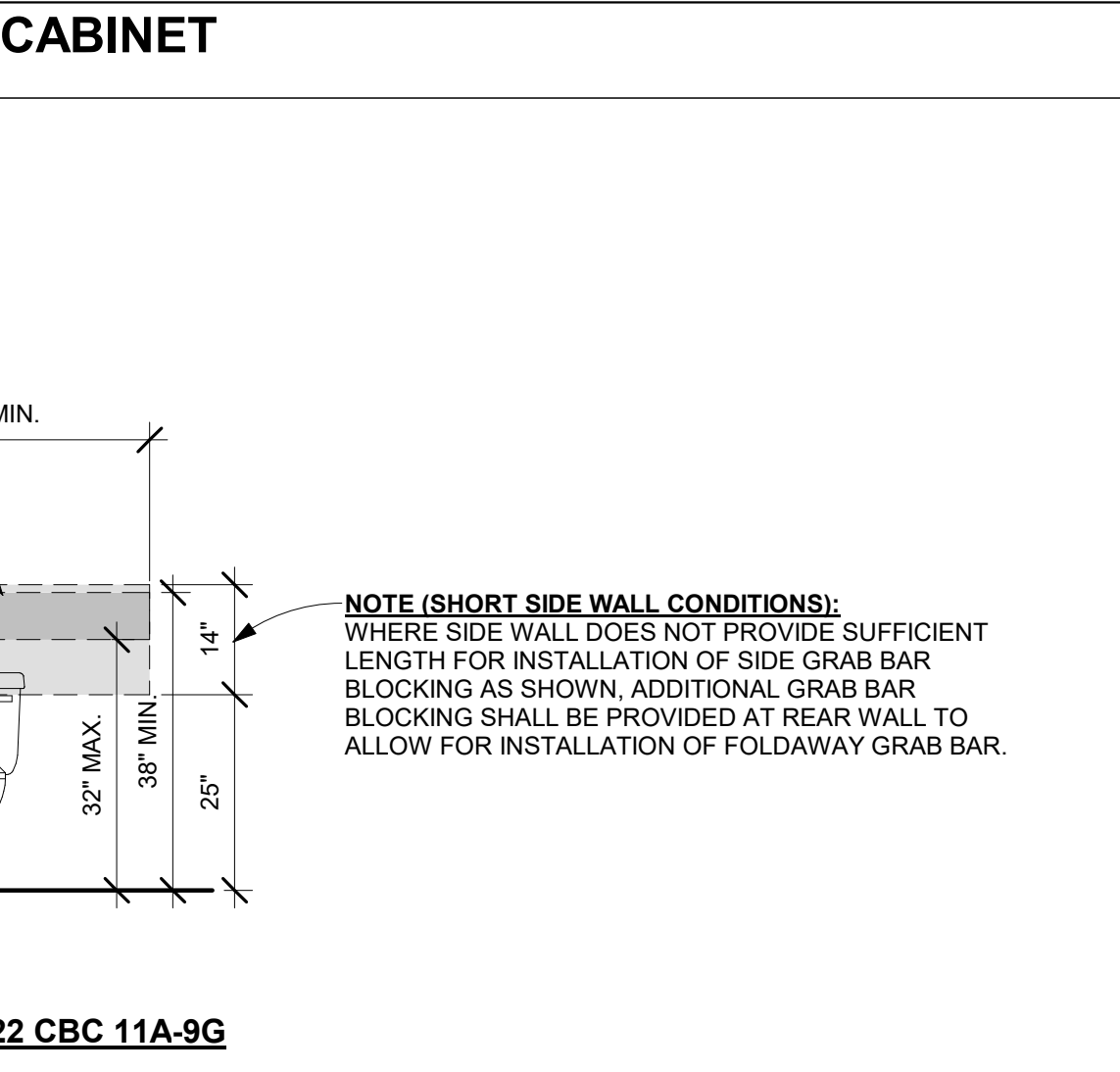
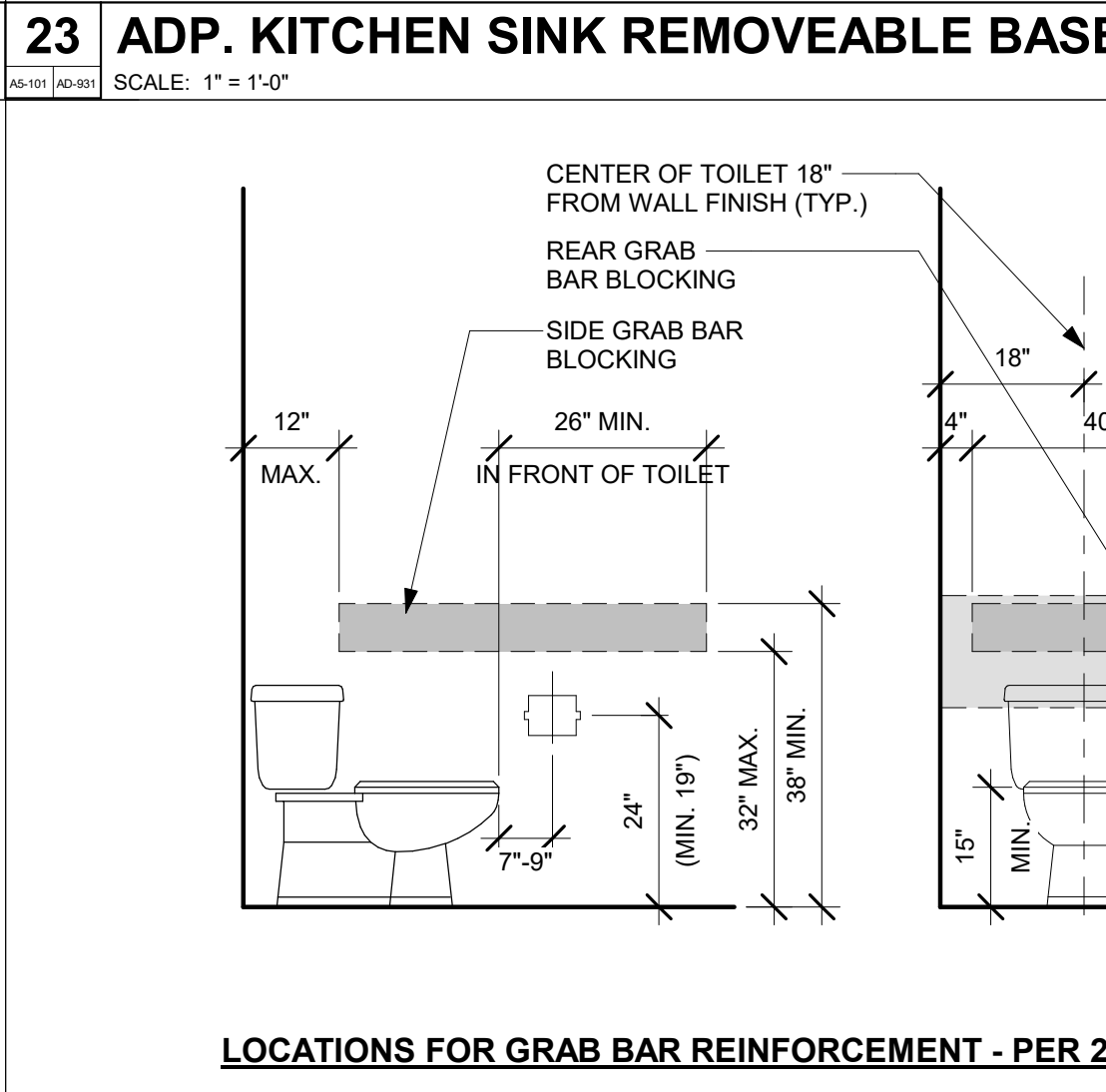
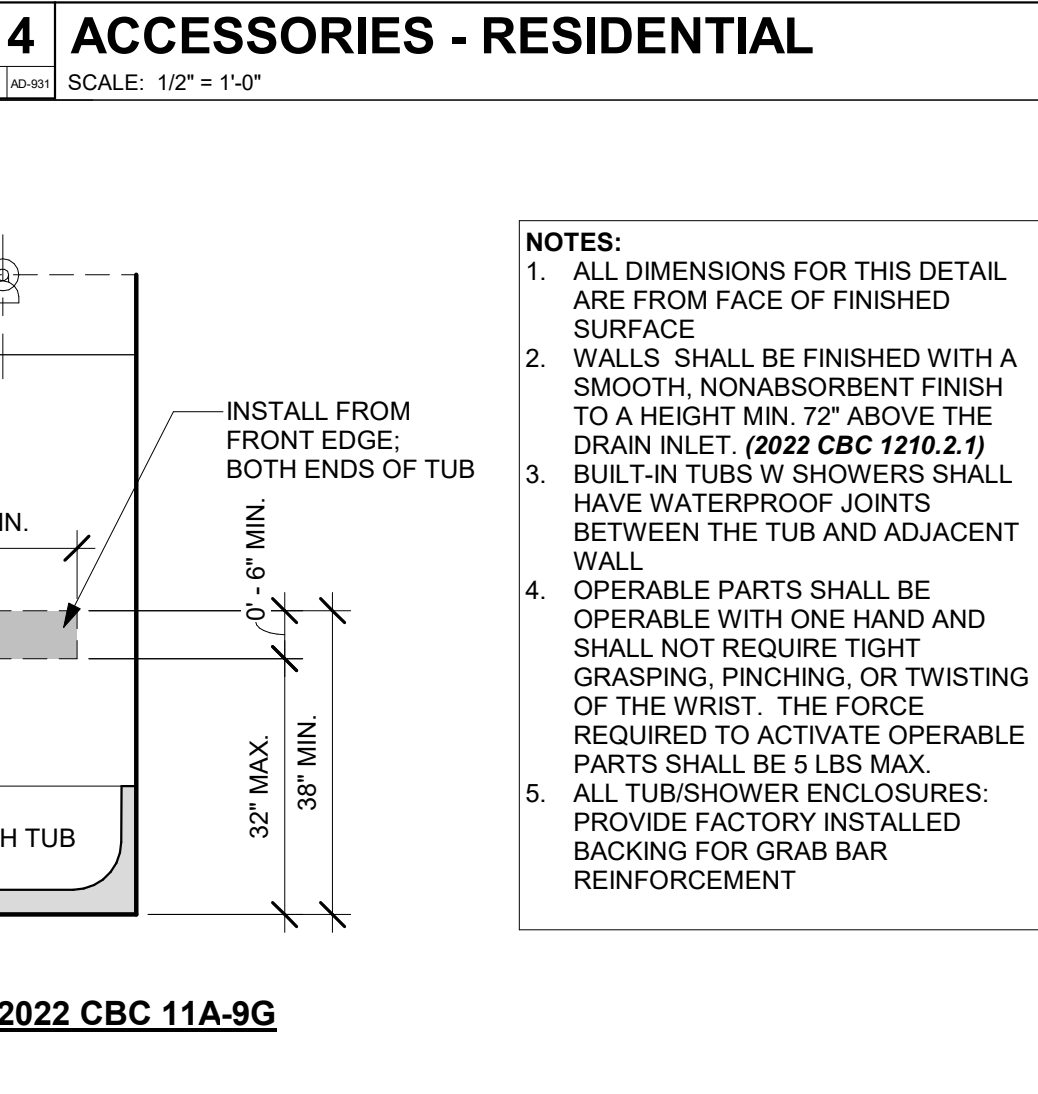
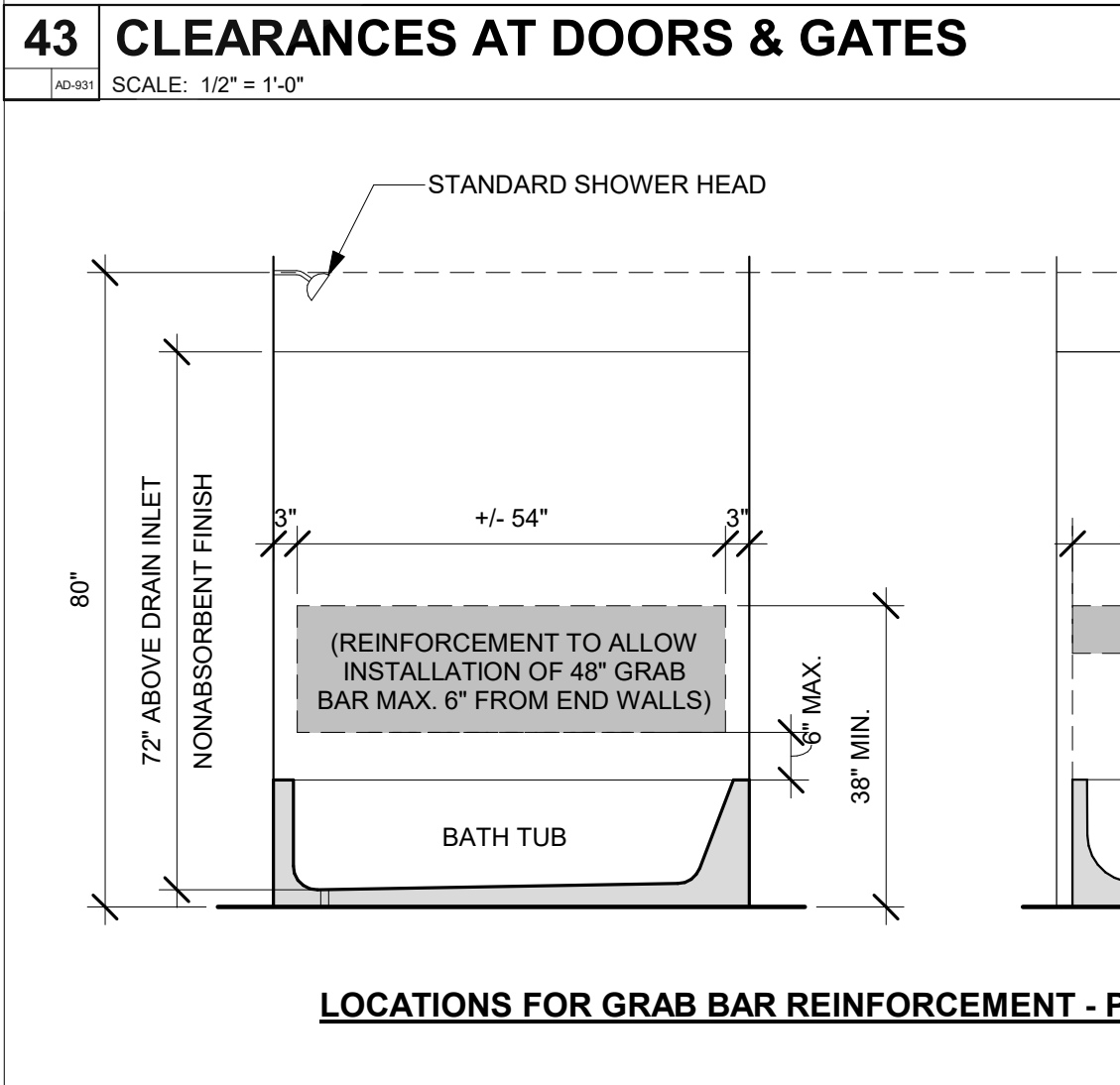
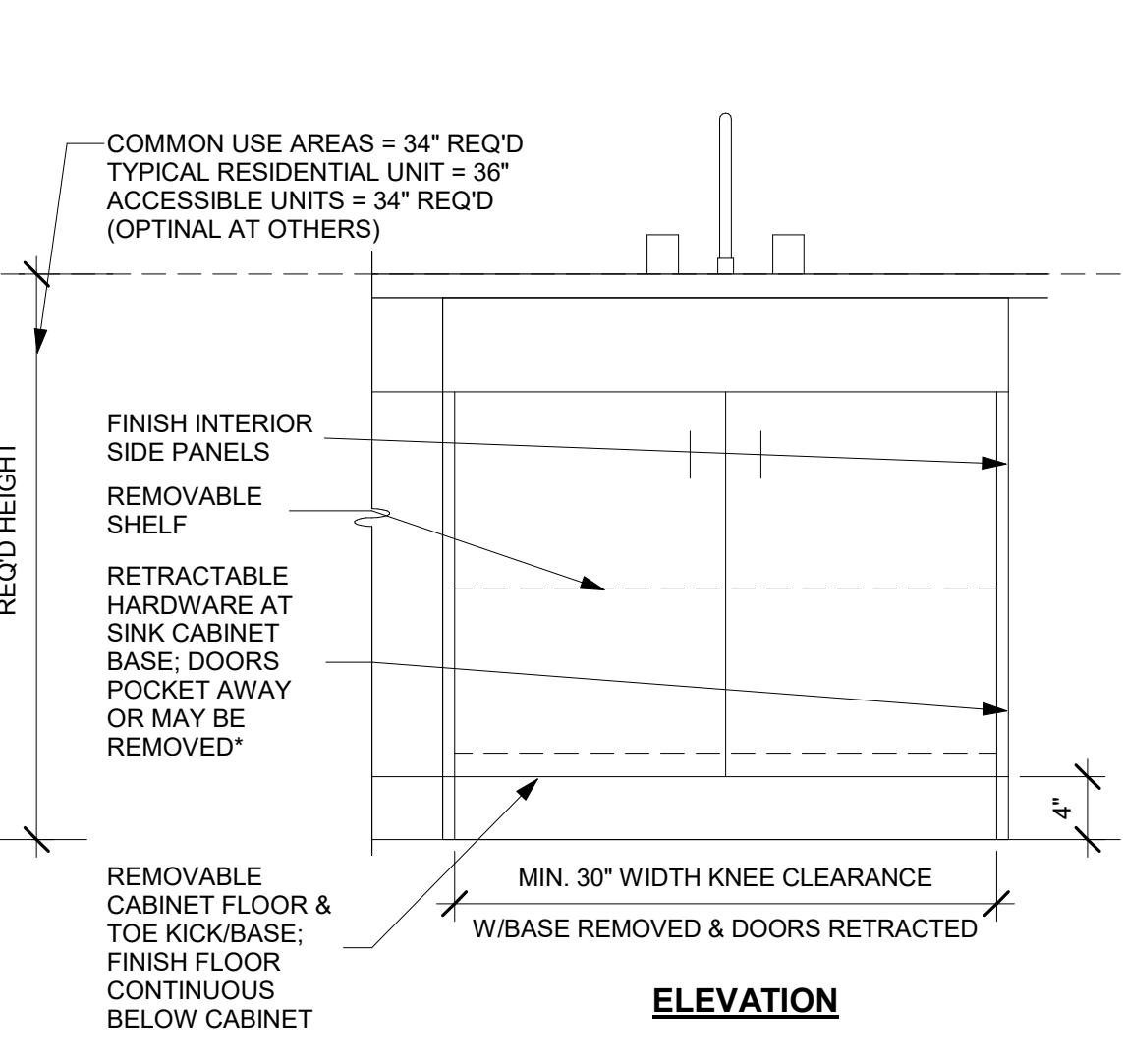
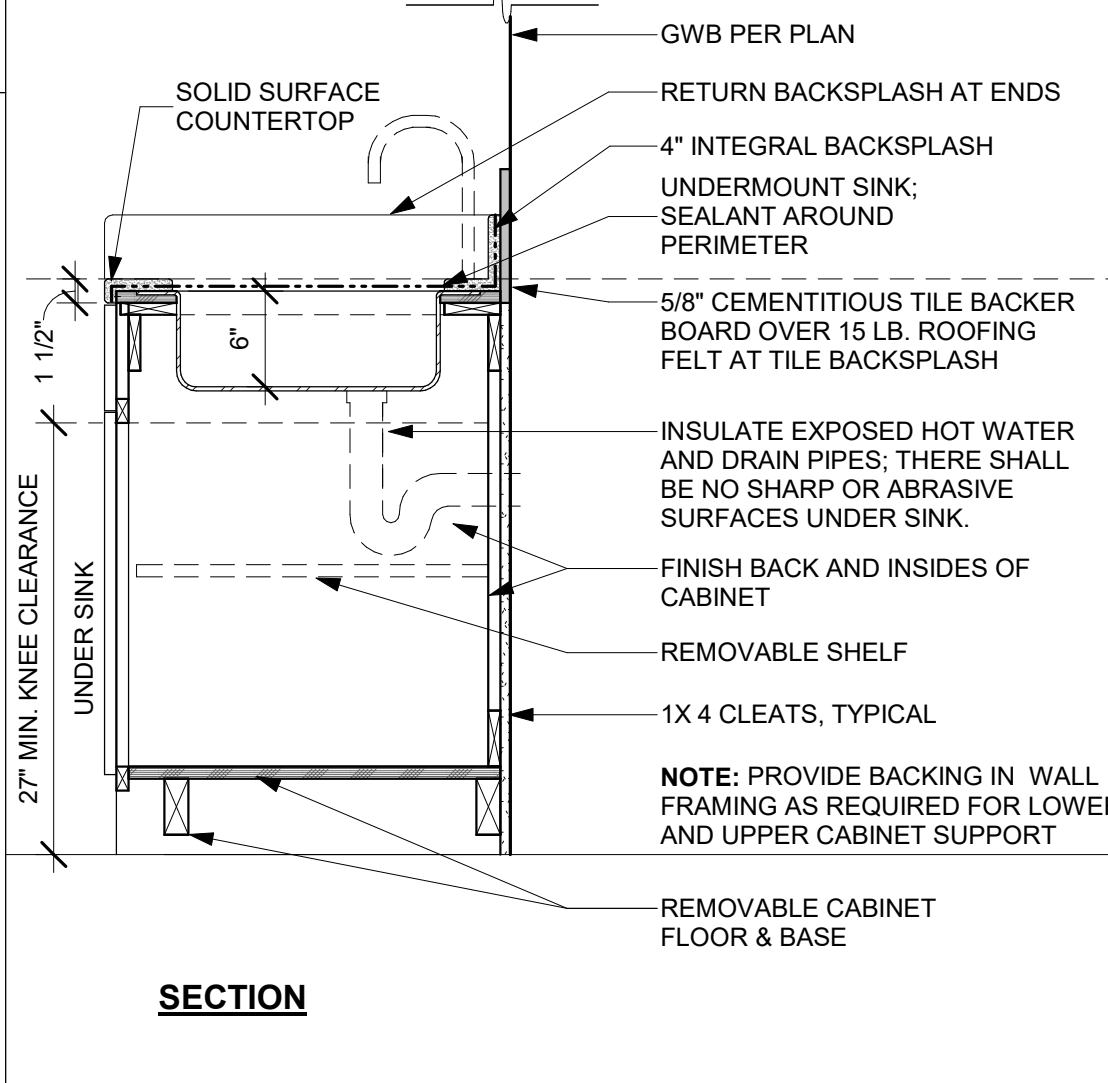
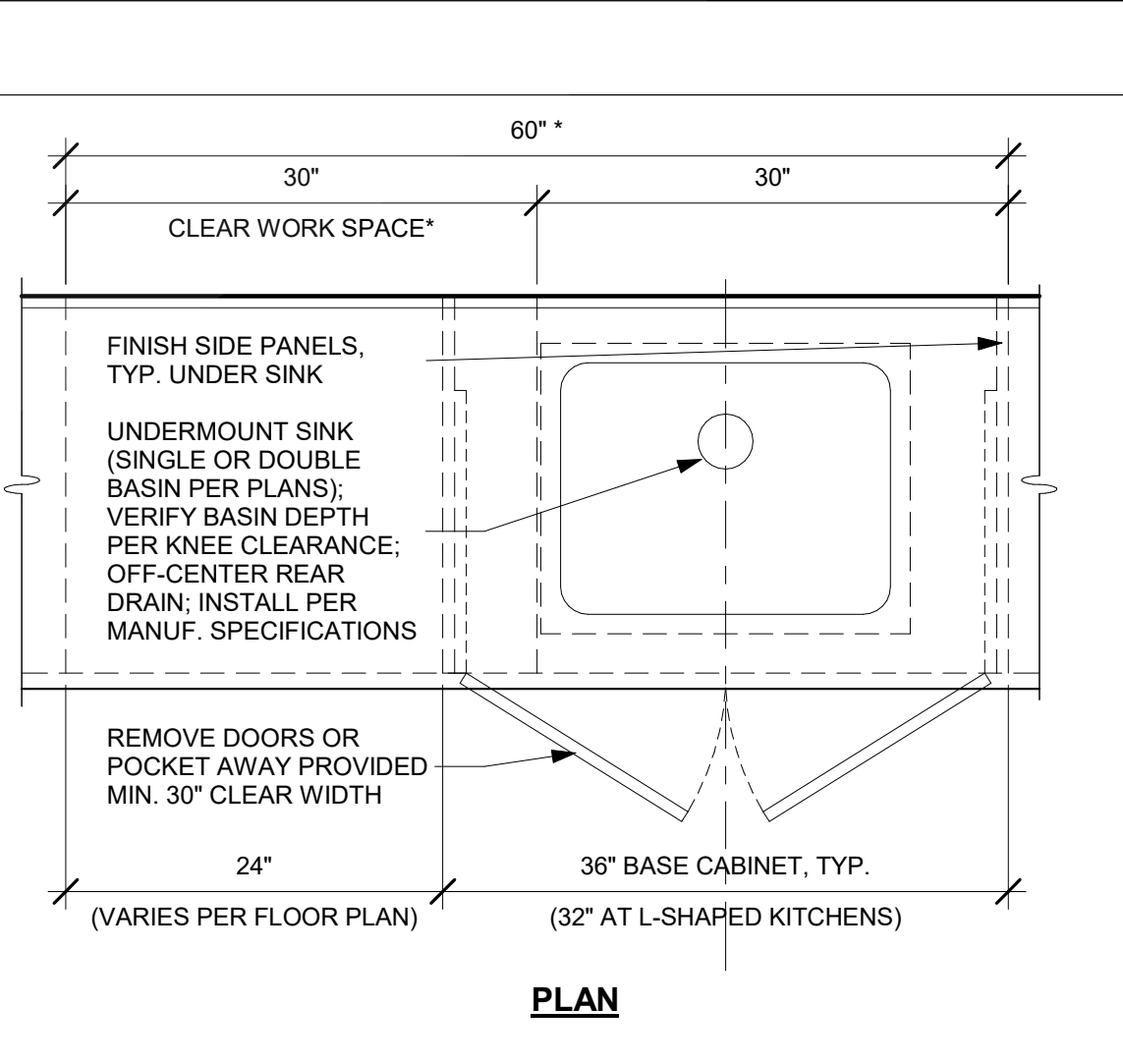
***KITCHEN ACCESSIBILITY NOTES**

1. THE SINK AND WORK SURFACE MAY BE A SINGLE INTEGRAL UNIT A MINIMUM OF 60 INCHES IN LENGTH, OR BE SEPARATE (30") COMPONENTS.
2. IF SOLID SURFACE COUNTERTOPS ARE NOT PROVIDED, REPOSITIONABLE OR (2) 15" BREADBOARDS SHALL BE PROVIDED IN MIN. 5% OF UNITS.
3. WITH BASE REMOVED, KNEE SPACE UNDER KITCHEN SINK SHALL BE AT LEAST 27 INCHES HIGH, 30 INCHES WIDE AND 19 INCHES DEEP.
4. FAUCET CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST.
5. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 POUND FORCE (22.2N). LEVER-OPERATED, PUSH-TYPE AND ELECTRONICALLY CONTROLLED MECHANISMS ARE EXAMPLES OF ACCEPTABLE DESIGNS. SELF-CLOSING VALVES ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS.

NOTES:

1. ADAPTABLE UNITS - PROVIDE REMOVABLE DOORS AT SINK CABINET THAT DON'T REQUIRE SPECIALIZED KNOWLEDGE OR THE USE OF SPECIALIZED TOOLS.
2. THE FINISHED FLOOR SHOULD EXTEND TO THE WALL.
3. HOT WATER AND DRAIN PIPES UNDER ACCESSIBLE LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.
4. SINK SHALL BE 6 1/2" DEEP MAX.
5. THE DIP OF THE OVERFLOW SHALL NOT BE CONSIDERED IN DETERMINING KNEE & TOE CLEARANCES.
6. OPERABLE PARTS OF SOAP OR OTHER DISPENSERS LOCATED ON THE BACK WALL OF THE LAVATORY ARE WITHIN REACH RANGE 40" MAXIMUM AFF AND 17"-19" MAXIMUM DEEP DEPENDENT UPON TOE CLEARANCE BELOW PER CBC.
7. FAUCET CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST.
8. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 POUND FORCE (22.2N). LEVER-OPERATED, PUSH-TYPE AND ELECTRONICALLY CONTROLLED MECHANISMS ARE EXAMPLES OF ACCEPTABLE DESIGNS. SELF-CLOSING VALVES ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS.
9. WHERE MIRRORS OR TOWEL FIXTURES ARE PROVIDED THEY SHALL BE MOUNTED WITH THE BOTTOM EDGE NO HIGHER THAN 40 INCHES FROM THE FLOOR.

REF. 2019 1134A.6



44 11A ADP. TUB COMPLIANCE
SCALE: 1/2" = 1'-0"

14 ACCESSORIES - RESIDENTIAL
SCALE: 1/2" = 1'-0"

23 ADP. KITCHEN SINK REMOVEABLE BASE CABINET
SCALE: 1/2" = 1'-0"

23 ADP. KITCHEN SINK REMOVEABLE BASE CABINET
SCALE: 1/2" = 1'-0"

SYMBOLS

	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 (WVF LAYER)		INDICATES GRAVEL		FULL HEIGHT STIFFENER CONNECTION
	STEPPED SURFACE FLOOR DEPRESSION		STEEL IN CROSS SECTION		MOMENT CONNECTION
	SLOPED SURFACE		SHADED AREA INDICATES CALIFORNIA FRAMING		MEMBER SPLICE
	STEPPED FOOTING		SHADED AREA INDICATES FOOTPRINT OF FLOOR ABOVE		TOP OF STEEL + ELEVATION
	BOTTOM STEPPED FOOTING		STEEL HSS TUBE COLUMN		NUMBER OF EVENLY SPACED SHEAR STUDS
			STEEL HSS OR PIPE COLUMN		SPECIAL STUD SPACING SEE TYPICAL STEEL DETAILS
			WIDE FLANGE STEEL COLUMN		BEAM CAMBER AT MID-SPAN
			WOOD POST		

WALL TYPES

	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

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SS-201A.2	FOUNDATION PLAN - HIGH DESERT - RAISED FLOOR
SS-201B.1	FOUNDATION PLAN - RURAL MOUNTAIN - SLAB ON GRADE
SS-201B.2	FOUNDATION PLAN - RURAL MOUNTAIN - RAISED FLOOR
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ABBREVIATIONS

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

MONO COUNTY ADU
PROTOTYPES
MONO COUNTY

SHEET INDEX,
ABBREVIATIONS & SYMBOLS

DATE
NOVEMBER 20, 2023

SHEET
S-101

WOOD (GENERAL)

- 1. PRESERVATIVE TREATMENT:
A. WOOD MEMBERS SHALL BE PRESERVATIVE TREATED IN ACCORDANCE WITH AITC 109-07...
a. UC1 - INTERIOR CONSTRUCTION, ABOVE GROUND, DRY - NO PRESERVATIVE TREATMENT REQUIRED...
b. UC2 - INTERIOR CONSTRUCTION, ABOVE GROUND, WET - PRESERVATIVE TREATMENT REQUIRED...
c. UC3 - EXTERIOR CONSTRUCTION ABOVE GROUND - PRESERVATIVE TREATMENT REQUIRED.

SAWN LUMBER

Table with columns: USE, SIZE, SPECIES, GRADE, REFERENCE. Includes sections for HORIZONTAL FRAMING LUMBER (ROOF JOISTS AND RAFTERS, FLOOR JOISTS, HEADERS AND BEAMS) and VERTICAL FRAMING LUMBER (TOP PLATES, STUDS, POSTS).

- 2. FLOOR JOISTS SHALL BE GRADE STAMPED "S-DRY" WHICH INDICATES A MOISTURE CONTENT NOT EXCEEDING 19 PERCENT.
3. ALL SOLE PLATES AND TOP PLATES SHALL BE GRADE STAMPED "KD" WHICH INDICATES KILN DRIED WITH A MOISTURE CONTENT NOT EXCEEDING 15 PERCENT.
4. STUD WALLS SHOWN ON PLANS ARE NONBEARING PARTITIONS WALLS, BEARING WALLS OR SHEAR WALLS...

HARDWARE AND CONNECTORS

- GENERAL: USE ALL SPECIFIED FASTENERS AS SPECIFIED ON PLANS. IF NOT INDICATED ON PLANS PROVIDE FASTENERS PER MFRS APPROVED ICC-ESR REPORT OR PRODUCT LITERATURE.
HOLDOWNS:
1. DO NOT OVER TIGHTEN NUTS ON THE-DOWN ANCHOR RODS OR BOLTS...
2. INSTALL ALL HOLDOWNS TIGHT TO END STUDS/POST. DO NOT USE FILLER BLOCKS...

REINFORCING STEEL

- 1. REINFORCING BARS SHALL CONFORM TO THE REQUIREMENTS OF CHAPTER 19 OF THE CODE AND WITH THE PROVISIONS OF ACI 318-19...
A. THE ACTUAL YIELD STRENGTH BASED ON MILL TESTS DOES NOT EXCEED THE SPECIFIED YIELD STRENGTH BY MORE THAN 18,000 PSI.
B. THE RATIO OF THE ACTUAL ULTIMATE TENSILE STRESS TO THE ACTUAL YIELD STRENGTH IS NOT LESS THAN 1.25.
C. WHERE REINFORCEMENT COMPLYING WITH ASTM A615 IS TO BE WELDED, CHEMICAL TESTS SHALL BE PERFORMED TO DETERMINE WELDABILITY...

Table with columns: A, B, C. MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCEMENT IN CAST-IN-PLACE CONCRETE (NON-PRESTRESSED):
A. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH: 3
B. CONCRETE EXPOSED TO EARTH OR WEATHER: 2

- 12. MECHANICAL BAR SPICE CONNECTIONS SHALL CONFORM TO THE REQUIREMENTS OF ACI 318-19 SECTION 25.5.7...
LENTON STANDARD COUPLERS (APMO-ES 0129)
LENTON FORM SAVERS, TYPE SA (APMO-ES 0129)
LENTON WELDABLE HALF COUPLERS (APMO-ES 0129)
LENTON LOCK COUPLERS PER (APMO-ES 0129)

CONCRETE

- 1. ALL CONCRETE CONSTRUCTION SHALL CONFORM WITH CHAPTER 19 OF THE CODE AND WITH THE PROVISIONS OF ACI 318-19.
2. CONCRETE MATERIALS SHALL BE IN ACCORDANCE WITH THE FOLLOWING STANDARDS:
Table with columns: MATERIAL, ASTM STANDARD. Includes PORTLAND CEMENT (TYPE I), CONCRETE AGGREGATES (HARDROCK), WATER, COAL FLY ASH OR POZZOLAN (CLASS F), NATURAL OR MANUFACTURED SAND, SLAG.
3. CONCRETE MIXES SHALL BE PROPORTIONED BASED ON SECTION 26.4.3 OF ACI 318-19...

Table with columns: LOCATION IN STRUCTURE, MINIMUM STRENGTH (PSI)*, DENSITY (PCF), MAX SLUMP (IN)†, MAX WATER/CEMENT RATIO, SLAG/ FLY ASH* (MAX). Includes CONCRETE FOUNDATIONS, GRADE BEAMS, TIE BEAMS, CONCRETE BASEMENT WALLS/STEM WALLS, CONCRETE SLAB ON GRADE.

- 4. PROVIDE MIXED CONCRETE SHALL BE MIXED AND DELIVERED IN ACCORDANCE WITH THE REQUIREMENTS OF ASTM C94 OF C685.
5. DEPOSITING AND CONVEYING OF CONCRETE SHALL CONFORM TO SECTION 26.5 OF ACI 318-19 AND PROJECT SPECIFICATIONS.
6. ALL CONCRETE SURFACES AGAINST WHICH NEW CONCRETE IS TO BE PLACED SHALL BE CLEANED AND ROUGHENED TO 1/4" AMPLITUDE.

FOUNDATION

- 1. GEOTECHNICAL INFORMATION AND FOUNDATION DESIGN IS BASED ON THE FOLLOWING:
A. DESIGN LATERAL SOIL LOADS ARE IN ACCORDANCE WITH 2022 CBC TABLE 1603.1.
B. ALLOWABLE FOUNDATION BEARING AND LATERAL PRESSURES ARE IN ACCORDANCE WITH 2022 CBC TABLE 1806.2.
2. SPREAD OR CONTINUOUS FOOTINGS:

Table with columns: ELEMENT, ALLOWABLE BEARING CAPACITY (PSF) A, PASSIVE RESISTANCE (PSF/FT BELOW GRADE) E, COHESION (PSF). Includes CONTINUOUS FOOTINGS.

- NOTES:
A. THE ALLOWABLE CAPACITY MAY BE INCREASED BY ONE-THIRD WHEN CONSIDERING LOADS OF SHORT DURATION SUCH AS WIND OR SEISMIC FORCES.
B. THE ALLOWABLE LATERAL RESISTANCE CAN BE TAKEN AS THE SUM OF THE FRICTIONAL RESISTANCE AND PASSIVE RESISTANCE.
C. THE UPPER FOOT OF SOIL NOT PROTECTED BY PAVEMENT SHALL BE NEGLECTED WHEN CALCULATING PASSIVE RESISTANCE.

- 4. WHERE NOT SHOWN ON THE DRAWINGS, CONTRACTOR TO PROVIDE FOR DESIGN AND INSTALLATION OF ALL CRIBBING, SHEATHING AND SHORING REQUIRED AND SHALL BE SOLELY RESPONSIBLE FOR ALL EXCAVATION PROCEDURES INCLUDING LAGGING, SHORING, AND PROTECTION OF ADJACENT PROPERTY, STRUCTURES, STREETS, AND UTILITIES IN ACCORDANCE WITH ALL NATIONAL, STATE AND LOCAL SAFETY ORDINANCES.

DESIGN INFORMATION

Table with columns: OCCUPANCY OR USE, UNIFORM (PSF), CONC. (LBS), REFERENCE. Includes ROOF LIVE LOADS (2022 CBC SECTION 1603.1.2).

Table with columns: PARAMETER, VALUE, REFERENCE. Includes SNOW DESIGN DATA (GROUND SNOW LOAD).

Table with columns: PARAMETER, VALUE, REFERENCE. Includes WIND DESIGN DATA (ULTIMATE DESIGN WIND SPEED).

Table with columns: LOCATION, COMPONENT/TERRITORY AREA (SQ FT). Includes ROOF and OVERHANG.

Table with columns: PARAMETER, VALUE, REFERENCE. Includes SITE AND OCCUPANCY PARAMETERS (RISK CATEGORY, SEISMIC IMPORTANCE FACTOR).

Table with columns: PARAMETER, VALUE, REFERENCE. Includes BUILDING PARAMETERS (SEISMIC DESIGN CATEGORY, BASIC SEISMIC FORCE RESISTING SYSTEM).

Table with columns: PARAMETER, VALUE, REFERENCE. Includes DEAD LOAD DESIGN DATA (DEAD LOADS).

Table with columns: PARAMETER, VALUE, REFERENCE. Includes EXISTING UNDERGROUND UTILITIES.

Table with columns: PARAMETER, VALUE, REFERENCE. Includes EXISTING UNDERGROUND UTILITIES (ARCHITECT AND ENGINEERS ARE NOT RESPONSIBLE FOR THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES).

GENERAL

- 1. ALL WORK SHALL CONFORM TO THE MINIMUM STANDARDS OF THE FOLLOWING CODES AND STANDARDS:
A. 2022 CALIFORNIA BUILDING CODE, PART 2, VOLUME 2 OF 2, AND TITLE 24 C.C.R., 2022 EDITION AND LATEST REVISIONS...
B. ANY OTHER REGULATING AGENCIES WHICH HAVE AUTHORITY OVER ANY PORTION OF THE WORK...
C. CODES & STANDARDS REFERENCED IN THE CODE OR LISTED IN THESE NOTES AND SPECIFICATIONS.
2. ALL DRAWINGS ARE CONSIDERED TO BE A PART OF THE CONTRACT DOCUMENTS...
3. NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS...
4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO STARTING CONSTRUCTION...
5. SEE ARCHITECTURAL DRAWINGS FOR THE FOLLOWING:
A. SIZE AND LOCATION OF ALL DOOR AND WINDOW OPENINGS...
B. SIZE AND LOCATION OF ALL INTERIOR AND EXTERIOR NON-BEARING PARTITIONS...
C. SIZE AND LOCATION OF ALL CONCRETE CURBS, EQUIPMENT PADS, PITS, FLOOR DRAINS...
D. SIZE AND LOCATION OF ALL FLOOR AND ROOF OPENINGS EXCEPT AS SHOWN...
E. FLOOR AND ROOF FINISHES...
F. MISCELLANEOUS DRAINAGE AND WATERPROOFING...
G. ALL FIREPROOFING REQUIREMENTS INCLUDING FIREPROOFING OF STRUCTURAL STEEL...
H. DIMENSIONS NOT SHOWN ON STRUCTURAL DRAWINGS...
6. SEE MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR THE FOLLOWING:
A. PIPE RUNS, SLEEVES, HANGERS, TRENCHES, WALL AND SLAB OPENINGS, ETC., EXCEPT AS SHOWN OR NOTED...
B. ELECTRICAL CONDUIT RUNS, BOXES, OUTLETS IN WALLS AND SLABS...
C. CONCRETE INSERTS FOR ELECTRICAL, MECHANICAL OR PLUMBING FIXTURES...
D. SIZE AND LOCATION OF MACHINE OR EQUIPMENT BASES, ANCHOR BOLTS FOR MOTOR MOUNTS...
7. THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE...
8. BACKFILL SHALL NOT BE PLACED BEHIND EXTERIOR AND INTERIOR RETAINING WALLS UNTIL THE CONCRETE / CMU HAS ACHIEVED FULL DESIGN STRENGTH...
9. THE CONTRACT STRUCTURAL DRAWINGS SHOW THE BUILDING IN ITS FINAL INTENDED POSITION...
10. OPENINGS, POCKETS, ETC., LARGER THAN 4" SHALL NOT BE PLACED IN CONCRETE SLABS, DECKS, WALLS...
11. ASYM SPECIFICATIONS ON THE DRAWINGS SHALL BE THE VERSION REFERENCED IN CHAPTER 35 OF THE CODE...
12. CONTRACTOR SHALL INVESTIGATE SITE DURING CLEARING AND EARTHWORK OPERATIONS FOR FILLED EXCAVATIONS OR BURIED STRUCTURES...
13. CONSTRUCTION MATERIAL SHALL BE SPREAD OUT IF PLACED ON FRAMED ROOF OR FLOOR...
14. CONTRACTOR SHALL COORDINATE SHORING WITH DRAWINGS OF RECORD TO INSURE PROVISIONS FOR POCKETS, BLOCKOUTS, OFFSETS, STEPPED FOOTINGS AND ANY OTHER ITEMS AFFECTED BY THE SHORING...
15. AN UNDERGROUND SERVICE ALERT INQUIRY IDENTIFICATION NUMBER MUST BE OBTAINED AT LEAST TWO WORKING DAYS BEFORE STARTING WORK WITH THIS PERMIT...
16. EDGE OF SLAB DIMENSIONS TO BE COORDINATED AND VERIFIED BY THE GENERAL CONTRACTOR PRIOR TO FABRICATION.

DIMENSIONS

- 1. DIMENSIONS SHALL BE DEFINED TO INCLUDE BOTH HORIZONTAL DIMENSIONS AND VERTICAL DIMENSIONS (ELEVATIONS).
2. WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED DRAWINGS.
3. SEE ARCHITECTURAL DRAWINGS FOR DIMENSION NOT NOTED ON STRUCTURAL DRAWINGS.
4. SEE ARCHITECTURAL AND/OR CIVIL DRAWINGS FOR FINISH FLOOR ELEVATIONS.
5. SEE ARCHITECTURAL DRAWINGS FOR ALL TOP OF SHEATHING AND/OR ROOF ELEVATIONS.
6. THE CONTRACTOR SHALL REVIEW AND VERIFY ALL DIMENSIONS PRIOR TO STARTING CONSTRUCTION...
GENERAL NOTES:
MONO COUNTY ADU PROTOTYPES MONO COUNTY



THESE PLANS ARE PROVIDED BY MONO COUNTY AS PART OF THE PRE-APPROVED ADU PROGRAM AND ARE PUBLIC DOMAIN. THESE 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.

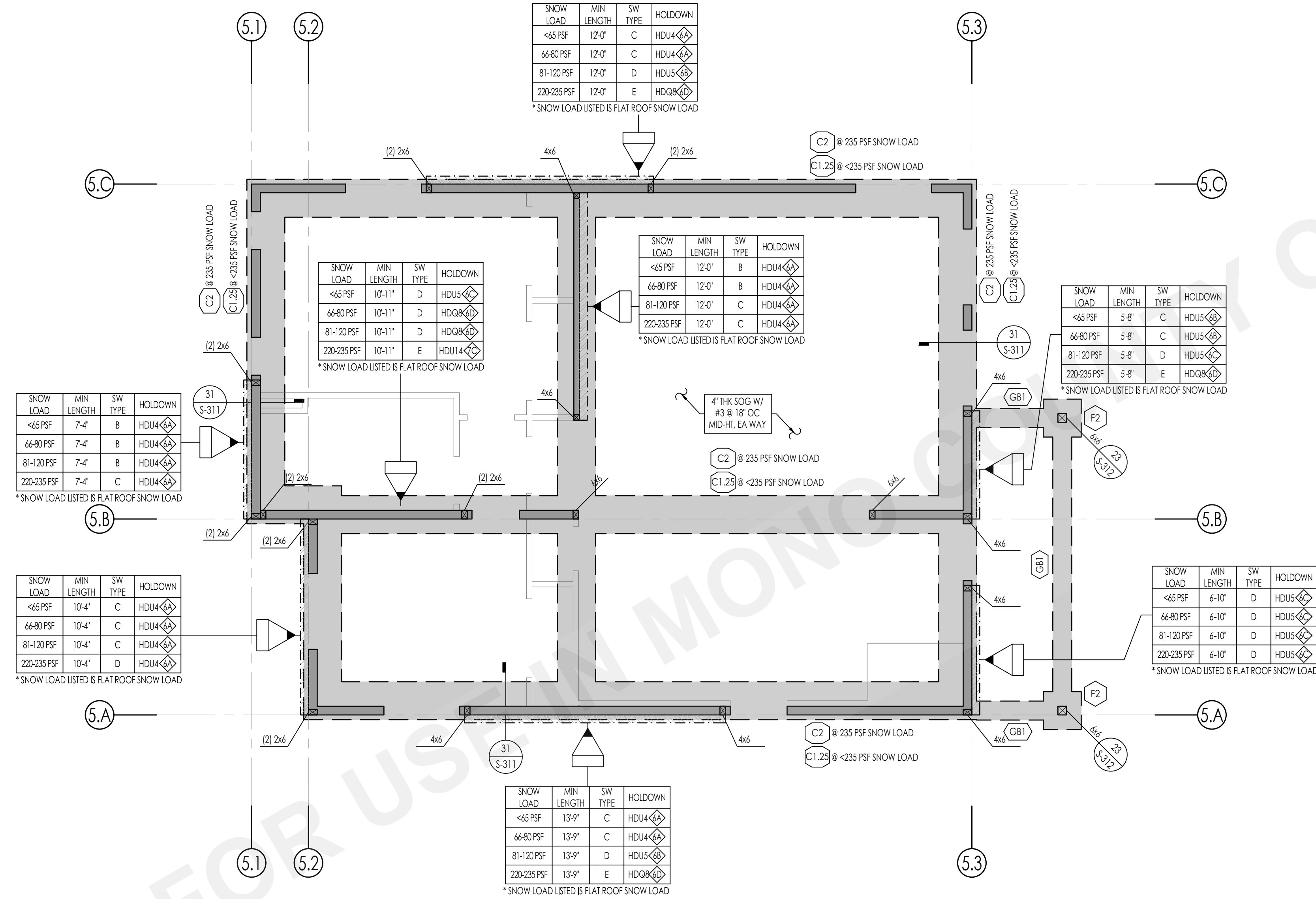
MONO COUNTY ADU PROTOTYPES MONO COUNTY GENERAL NOTES

DATE NOVEMBER 20, 2023

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1 FOUNDATION PLAN - HIGH DESERT SLAB ON GRADE OPTION
SCALE: 1/4" = 1'-0"

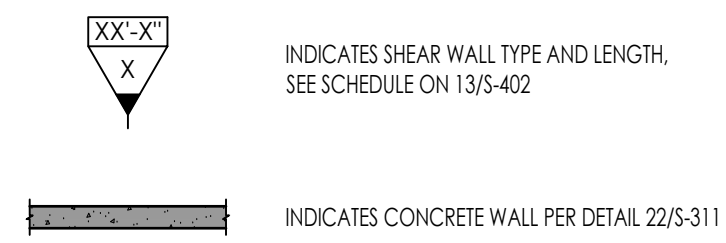


FOUNDATION PLAN NOTES

- 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-404
- SEE ARCHITECTURAL DRAWINGS FOR FINISHED FLOOR ELEVATIONS. REFERENCE FINISHED FLOOR ELEVATION - 0'-0" COORDINATES 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 PAVE
- 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 1/16" OVERSIZED. INSPECTOR TO VERIFY.
- THE BUILDING PAD SHALL BE PREPARED AS OUTLINED IN DETAIL S-301/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:
 - 18" BELOW PAD OR ADJACENT GRADE AT PERIMETER, WHICHEVER IS DEEPER, UNO.
 - 18" BELOW PAD OR ADJACENT GRADE AT INTERIOR GRADE BEAMS, WHICHEVER IS DEEPER, UNO.
 NOTE: FOOTING MUST BE DEEPEM LOCALLY PER DETAIL 32/S-301 TO ACCOMMODATE ANCHOR BOLT HOLD-DOWN EMBED DEPTHS, OR FROST DEPTHS AS INDICATED BY THE BUILDING OFFICIAL.
- DIAPHRAGM TYPE: ALL FLOOR DIAPHRAGMS SHALL BE TYPE D, UNO. REFER TO 12/S-403.
- OWNER MAY SELECT EITHER SLAB ON GRADE FOUNDATION OR THE RAISED FLOOR FOUNDATION, TO SUIT THE SPECIFIC SITE.
- WHERE RAISED FLOOR FOUNDATION IS SELECTED, OWNER HAS THE OPTION TO USE CRIPPLE STUD WALLS IN LIEU OF THE SPECIFIED CONCRETE STEM WALLS BELOW THE FLOOR FRAMING. CRIPPLE STUDS ARE TO MATCH TYPICAL WALL FRAMING, AND TO BE SHEATHED TO MATCH SHEARWALLS ABOVE. HOLD-DOWNS SPECIFIED SHALL BE INSTALLED ACROSS THE FLOOR FRAMING PER DETAIL 12/S-405 AND THEN INTO THE CONCRETE STEM WALL PER DETAILS 22/S-311 AND 24/S-311.
- REFER TO ARCHITECTURAL DRAWINGS FOR SIZE AND LOCATION OF UNDERFLOOR ACCESS HOLE.
- REFER TO ARCHITECTURAL DRAWINGS FOR UNDERFLOOR HEIGHT ALLOWANCE.
- ALL SNOW LOADS LISTED ARE THE FLAT ROOF SNOW LOAD. TO FIND THE FLAT ROOF SNOW LOAD, FOLLOW THIS EQUATION: FLAT ROOF SNOW = 0.77 x GROUND SNOW LOAD.
- LOCATION OF CRAWL SPACE ACCESS IS SPECIFIC TO SITE. REFER TO DETAIL 33/S-313 FOR OPENING AT CONC WALL FOOTING.

SYMBOL LEGEND



SCHEDULES

HOLD-DOWN SCHEDULE			
SPECIFIES HOLD-DOWN/STRAP DETAIL	INDICATES HOLD-DOWN/STRAP TYPE	DETAIL	
6	INDICATES SIMPSON SSTB HOLD-DOWN TO: CONC FOUNDATION: CONC STEM WALL:	12/S-311 22/S-311	
7	INDICATES SIMPSON SB HOLD-DOWN TO: CONC FOUNDATION: CONC STEM WALL:	14/S-311 24/S-311	

CONTINUOUS FOOTING SCHEDULE					
MARK	WIDTH	MIN EMBED BELOW LOWEST PAD GRADE	LONG REIN	TRANS REIN	DETAIL
C1.29	1'-3"	SEE NOTE 16	(2) #5 T&B	#3 @ 12" OC, BOT	31/S-311
C2	2'-0"	SEE NOTE 16	(3) #5 T&B	#3 @ 12" OC, BOT	31/S-311

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

T-FOOTING SCHEDULE						
TYPE	WIDTH	THICKNESS	MIN EMBED BELOW LOWEST PAD GRADE	LONG REIN	TRANS REIN	DETAIL
T1.29	1'-3"	1'-0"	SEE NOTE 16	(2) #4 @ TOP (2) #4 @ BOT	#3 @ 24" OC	13/S-312
T2	2'-0"	1'-0"	SEE NOTE 16	(3) #4 @ TOP (3) #4 @ BOT	#3 @ 24" OC	13/S-312

PAD FOOTING SCHEDULE							
TYPE	WIDTH	LENGTH	THICKNESS	MIN EMBED BELOW LOWEST PAD GRADE	TOP REIN	BOT REIN	DETAIL
F2	2'-0"	2'-0"	1'-6"	SEE NOTE 16	(3) #5, EW	(3) #5, EW	11/S-312
F3	3'-0"	3'-0"	1'-6"	SEE NOTE 16	(4) #5, EW	(4) #5, EW	11/S-312
F5	5'-0"	5'-0"	1'-6"	SEE NOTE 16	(6) #5, EW	(6) #5, EW	11/S-312

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

MONO COUNTY ADU
PROTOTYPES
MONO COUNTY

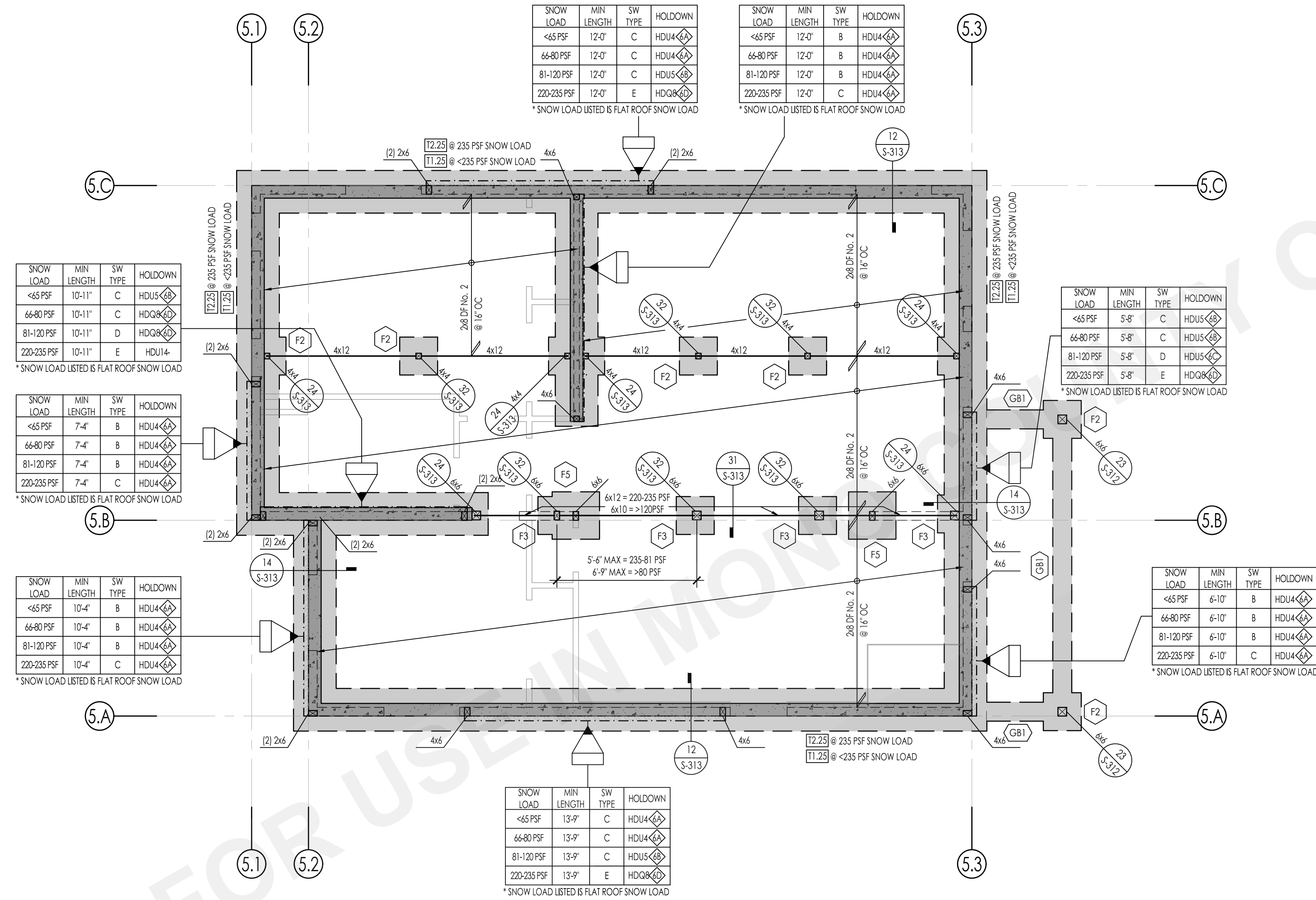
FOUNDATION PLAN - HIGH
DESERT - SLAB ON GRADE

DATE
NOVEMBER 20, 2023

SHEET
S5-201A.1



THESE PLANS ARE PROVIDED BY MONO COUNTY 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.



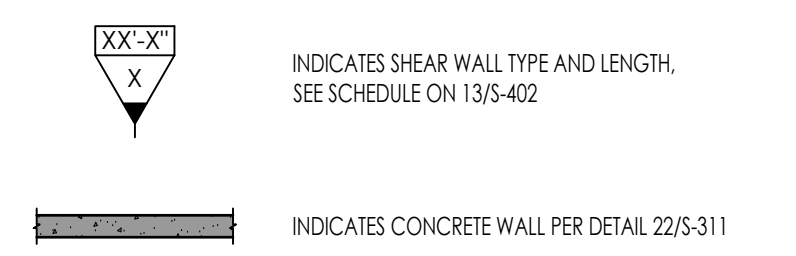
1 FOUNDATION PLAN - HIGH DESERT RAISED FLOOR OPTION
SCALE: 1/4" = 1'-0"

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-404
- SEE ARCHITECTURAL DRAWINGS FOR FINISHED FLOOR ELEVATIONS. REFERENCE FINISHED FLOOR ELEVATION - 0'-0" COORDINATES 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 PAVE
- 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 1/16" OVERSIZED. INSPECTOR TO VERIFY.
- THE BUILDING PAD SHALL BE PREPARED AS OUTLINED IN DETAIL S3/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:
 - 18" BELOW PAD OR ADJACENT GRADE AT PERIMETER, WHICHEVER IS DEEPER, UNO.
 - 18" BELOW PAD OR ADJACENT GRADE AT INTERIOR GRADE BEAMS, WHICHEVER IS DEEPER, UNO.
 NOTE: FOOTING MUST BE DEEPENED LOCALLY PER DETAIL 32/S-301 TO ACCOMMODATE ANCHOR BOLT HOLD-DOWN EMBED DEPTHS, OR FROST DEPTHS AS INDICATED BY THE BUILDING OFFICIAL.
- DIAPHRAGM TYPE: ALL FLOOR DIAPHRAGMS SHALL BE TYPE D, UNO. REFER TO 12/S-403.
- OWNER MAY SELECT EITHER SLAB ON GRADE FOUNDATION OR THE RAISED FLOOR FOUNDATION, TO SUIT THE SPECIFIC SITE.
- WHERE RAISED FLOOR FOUNDATION IS SELECTED, OWNER HAS THE OPTION TO USE CRIPPLE STUD WALLS IN LIEU OF THE SPECIFIED CONCRETE STEM WALLS BELOW THE FLOOR FRAMING. CRIPPLE STUDS ARE TO MATCH TYPICAL WALL FRAMING, AND TO BE SHEATHED TO MATCH SHEARWALLS ABOVE. HOLD-DOWNS SPECIFIED SHALL BE INSTALLED ACROSS THE FLOOR FRAMING PER DETAIL 12/S-405 AND THEN INTO THE CONCRETE STEM WALL PER DETAILS 22/S-311 AND 24/S-311.
- REFER TO ARCHITECTURAL DRAWINGS FOR SIZE AND LOCATION OF UNDERFLOOR ACCESS HOLE.
- REFER TO ARCHITECTURAL DRAWINGS FOR UNDERFLOOR HEIGHT ALLOWANCE.
- ALL SNOW LOADS LISTED ARE THE FLAT ROOF SNOW LOAD. TO FIND THE FLAT ROOF SNOW LOAD, FOLLOW THIS EQUATION: FLAT ROOF SNOW = 0.77 x GROUND SNOW LOAD.
- LOCATION OF CRAWL SPACE ACCESS IS SPECIFIC TO SITE. REFER TO DETAIL 33/S-313 FOR OPENING AT CONC WALL FOOTING.

SYMBOL LEGEND



SCHEDULES

HOLD-DOWN SCHEDULE			
SPECIFIES HOLD-DOWN/STRAP DETAIL	INDICATES HOLD-DOWN/STRAP TYPE	DETAIL	
6x	INDICATES SIMPSON SSB HOLD-DOWN TO: CONC FOUNDATION; CONC STEM WALL:	12/S-311 22/S-311	
7x	INDICATES SIMPSON SB HOLD-DOWN TO: CONC FOUNDATION; CONC STEM WALL:	14/S-311 24/S-311	

CONTINUOUS FOOTING SCHEDULE					
MARK	WIDTH	MIN EMBED BELOW LOWEST PAD GRADE	LONG REIN	TRANS REIN	DETAIL
C1,23	1'-3"	SEE NOTE 16	(2) #5 T&B	#3 @ 12" OC, BOT	31/S-311
C2	2'-0"	SEE NOTE 16	(3) #5 T&B	#3 @ 12" OC, BOT	31/S-311

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

T-FOOTING SCHEDULE						
TYPE	WIDTH	THICKNESS	MIN EMBED BELOW LOWEST PAD GRADE	LONG REIN	TRANS REIN	DETAIL
T1,23	1'-3"	1'-0"	SEE NOTE 16	(2) #4 @ TOP (2) #4 @ BOT	#3 @ 24" OC	13/S-312
T2	2'-0"	1'-0"	SEE NOTE 16	(3) #4 @ TOP (3) #4 @ BOT	#3 @ 24" OC	13/S-312

PAD FOOTING SCHEDULE							
TYPE	WIDTH	LENGTH	THICKNESS	MIN EMBED BELOW LOWEST PAD GRADE	TOP REIN	BOT REIN	DETAIL
F2	2'-0"	2'-0"	1'-6"	SEE NOTE 16	(3) #5, EW	(3) #5, EW	11/S-312
F3	3'-0"	3'-0"	1'-6"	SEE NOTE 16	(4) #5, EW	(4) #5, EW	11/S-312
F5	5'-0"	5'-0"	1'-6"	SEE NOTE 16	(6) #5, EW	(6) #5, EW	11/S-312

NOTE: FOOTING MUST BE DEEPENED LOCALLY PER DETAIL 32/S-301 TO ACCOMMODATE AS HOLD-DOWN EMBED DEPTHS

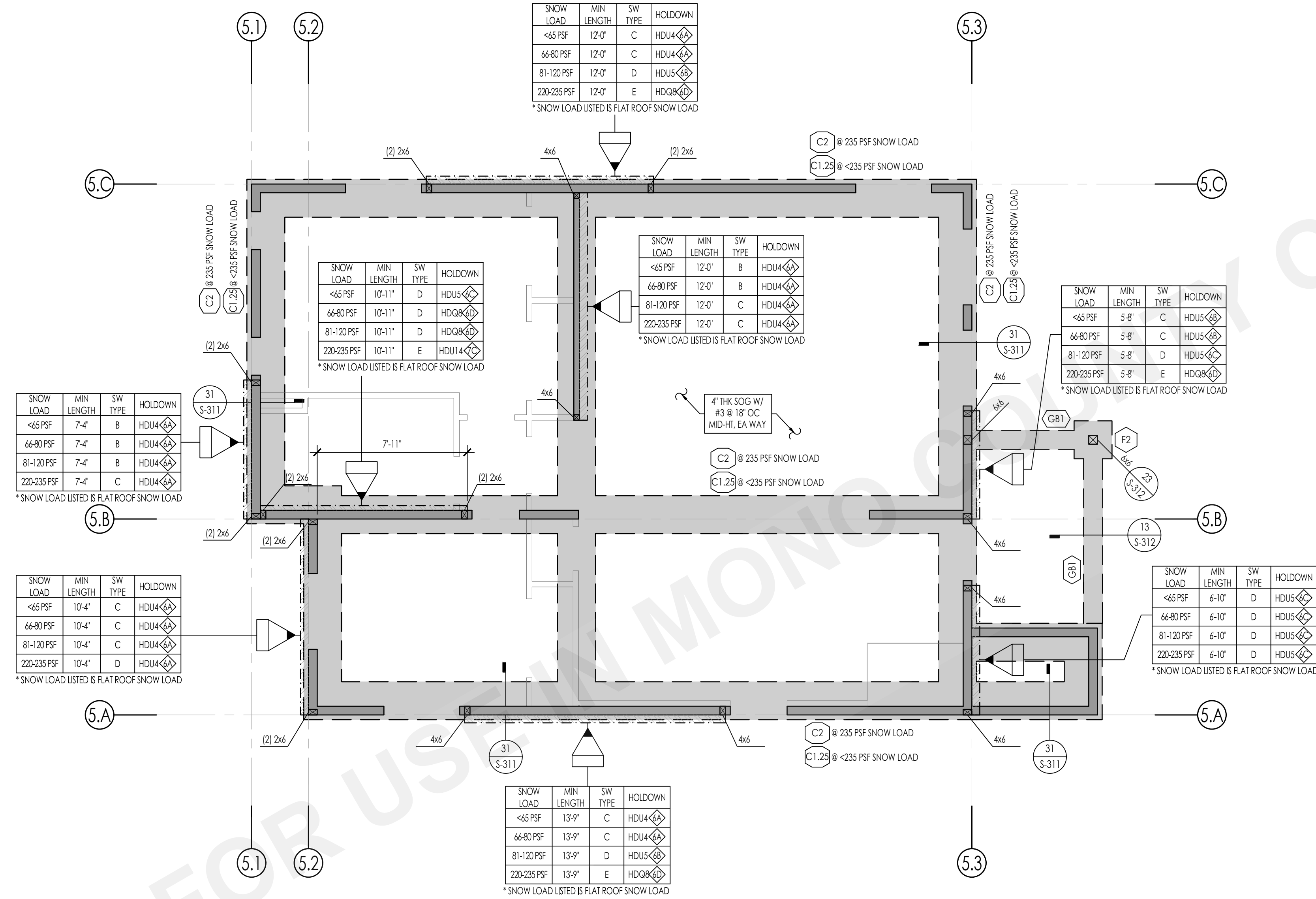
MONO COUNTY ADU
PROTOTYPES
MONO COUNTY
FOUNDATION PLAN -
HIGH DESERT - RAISED
FLOOR

DATE
NOVEMBER 20, 2023

SHEET
S5-201A.2



THESE PLANS ARE PROVIDED BY MONO COUNTY AS PART OF THE PRE-APPROVED ADU PROGRAM AND ARE PUBLIC DOMAIN. THESE PLANS 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.



1 FOUNDATION PLAN - RURAL MOUNTAIN SLAB ON GRADE OPTION
SCALE: 1/4" = 1'-0"

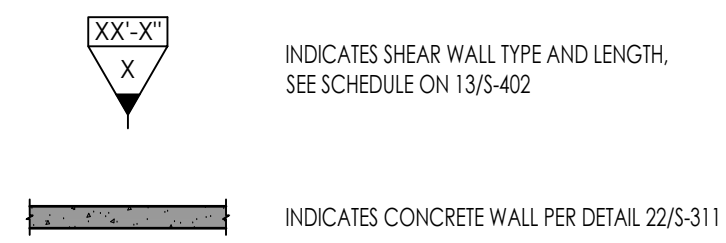


FOUNDATION PLAN NOTES

- 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-404
- SEE ARCHITECTURAL DRAWINGS FOR FINISHED FLOOR ELEVATIONS. REFERENCE FINISHED FLOOR ELEVATION - 0'-0" COORDINATES 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 PAVE
- 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 1/16" OVERSIZE. INSPECTOR TO VERIFY.
- THE BUILDING PAD SHALL BE PREPARED AS OUTLINED IN DETAIL S-31/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:
 - 18" BELOW PAD OR ADJACENT GRADE AT PERIMETER, WHICHEVER IS DEEPER, UNO.
 - 18" BELOW PAD OR ADJACENT GRADE AT INTERIOR GRADE BEAMS, WHICHEVER IS DEEPER, UNO.
 NOTE: FOOTING MUST BE DEEPEM LOCALLY PER DETAIL 32/S-301 TO ACCOMMODATE ANCHOR BOLT HOLD-DOWN EMBED DEPTHS, OR FROST DEPTHS AS INDICATED BY THE BUILDING OFFICIAL.
- DIAPHRAGM TYPE: ALL FLOOR DIAPHRAGMS SHALL BE TYPE D, UNO. REFER TO 12/S-403.
- OWNER MAY SELECT EITHER SLAB ON GRADE FOUNDATION OR THE RAISED FLOOR FOUNDATION, TO SUIT THE SPECIFIC SITE.
- WHERE RAISED FLOOR FOUNDATION IS SELECTED, OWNER HAS THE OPTION TO USE CRIPPLE STUD WALLS IN LIEU OF THE SPECIFIED CONCRETE STEM WALLS BELOW THE FLOOR FRAMING. CRIPPLE STUDS ARE TO MATCH TYPICAL WALL FRAMING, AND TO BE SHEATHED TO MATCH SHEARWALLS ABOVE. HOLD-DOWNS SPECIFIED SHALL BE INSTALLED ACROSS THE FLOOR FRAMING PER DETAIL 12/S-405 AND THEN INTO THE CONCRETE STEM WALL PER DETAILS 22/S-311 AND 24/S-311.
- REFER TO ARCHITECTURAL DRAWINGS FOR SIZE AND LOCATION OF UNDERFLOOR ACCESS HOLE.
- REFER TO ARCHITECTURAL DRAWINGS FOR UNDERFLOOR HEIGHT ALLOWANCE.
- ALL SNOW LOADS LISTED ARE THE FLAT ROOF SNOW LOAD. TO FIND THE FLAT ROOF SNOW LOAD, FOLLOW THIS EQUATION: FLAT ROOF SNOW = 0.77 x GROUND SNOW LOAD.
- LOCATION OF CRAWL SPACE ACCESS IS SPECIFIC TO SITE. REFER TO DETAIL 33/S-313 FOR OPENING AT CONC WALL FOOTING.

SYMBOL LEGEND



SCHEDULES

HOLD-DOWN SCHEDULE			
SPECIFIES HOLD-DOWN/STRAP DETAIL	INDICATES HOLD-DOWN/STRAP TYPE	CONC FOUNDATION:	DETAIL
6	INDICATES SIMPSON SSTB HOLD-DOWN TO:	CONC FOUNDATION:	12/S-311
		CONC STEM WALL:	22/S-311
7	INDICATES SIMPSON SB HOLD-DOWN TO:	CONC FOUNDATION:	14/S-311
		CONC STEM WALL:	24/S-311

CONTINUOUS FOOTING SCHEDULE					
MARK	WIDTH	MIN EMBED BELOW LOWEST PAD GRADE	LONG REIN	TRANS REIN	DETAIL
C1.29	1'-3"	SEE NOTE 16	(2) #5 T&B	#3 @ 12" OC, BOT	31/S-311
C2	2'-0"	SEE NOTE 16	(3) #5 T&B	#3 @ 12" OC, BOT	31/S-311

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

T-FOOTING SCHEDULE						
TYPE	WIDTH	THICKNESS	MIN EMBED BELOW LOWEST PAD GRADE	LONG REIN	TRANS REIN	DETAIL
T1.29	1'-3"	1'-0"	SEE NOTE 16	(2) #4 @ TOP (2) #4 @ BOT	#3 @ 24" OC	13/S-312
T2	2'-0"	1'-0"	SEE NOTE 16	(3) #4 @ TOP (3) #4 @ BOT	#3 @ 24" OC	13/S-312

PAD FOOTING SCHEDULE							
TYPE	WIDTH	LENGTH	THICKNESS	MIN EMBED BELOW LOWEST PAD GRADE	TOP REIN	BOT REIN	DETAIL
F2	2'-0"	2'-0"	1'-6"	SEE NOTE 16	(3) #5, EW	(3) #5, EW	11/S-312
F3	3'-0"	3'-0"	1'-6"	SEE NOTE 16	(4) #5, EW	(4) #5, EW	11/S-312
F5	5'-0"	5'-0"	1'-6"	SEE NOTE 16	(6) #5, EW	(6) #5, EW	11/S-312

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

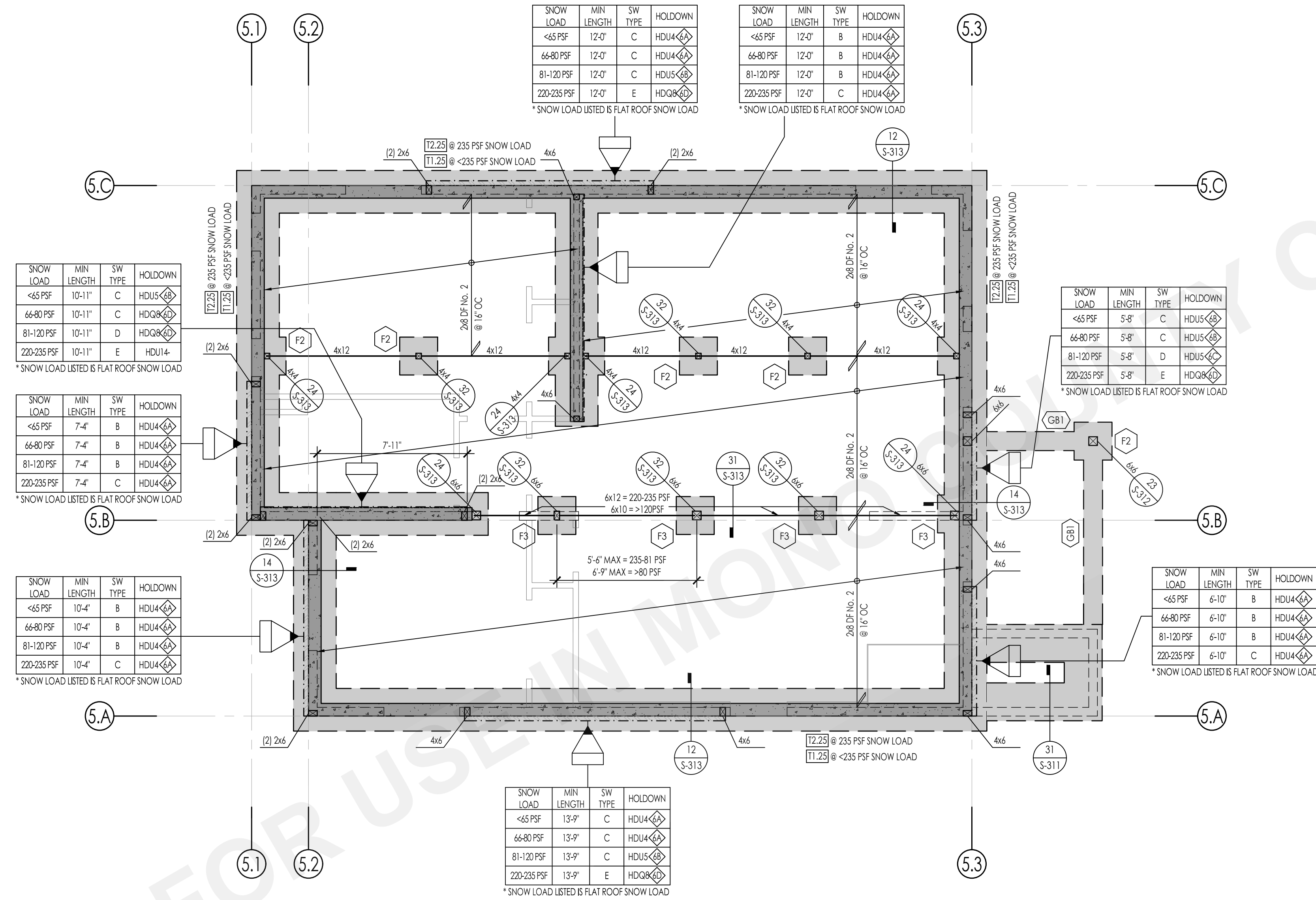
MONO COUNTY ADU
PROTOTYPES
MONO COUNTY
FOUNDATION PLAN - RURAL
MOUNTAIN - SLAB ON
GRADE

DATE
NOVEMBER 20, 2023

SHEET
S5-201B.1



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1 FOUNDATION PLAN - RURAL MOUNTAIN RAISED FLOOR OPTION
SCALE: 1/4" = 1'-0"

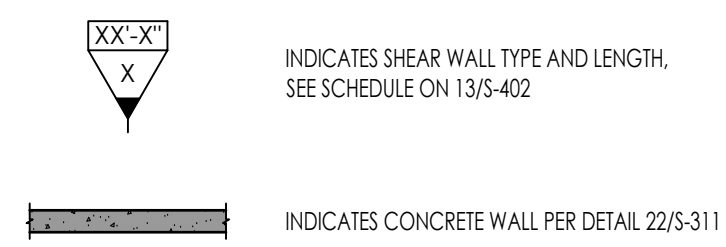


FOUNDATION PLAN NOTES

- 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-404
- SEE ARCHITECTURAL DRAWINGS FOR FINISHED FLOOR ELEVATIONS. REFERENCE FINISHED FLOOR ELEVATION - 0'-0" COORDINATES 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 PAVE
- 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 1/16" OVERSIZE. 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:
 - 18" BELOW PAD OR ADJACENT GRADE AT PERIMETER, WHICHEVER IS DEEPER, UNO.
 - 18" BELOW PAD OR ADJACENT GRADE AT INTERIOR GRADE BEAMS, WHICHEVER IS DEEPER, UNO.
 NOTE: FOOTING MUST BE DEEPEX LOCALLY PER DETAIL 32/S-301 TO ACCOMMODATE ANCHOR BOLT HOLD-DOWN EMBED DEPTHS, OR FROST DEPTHS AS INDICATED BY THE BUILDING OFFICIAL.
- DIAPHRAGM TYPE: ALL FLOOR DIAPHRAGMS SHALL BE TYPE D, UNO. REFER TO 12/S-403.
- OWNER MAY SELECT EITHER SLAB ON GRADE FOUNDATION OR THE RAISED FLOOR FOUNDATION, TO SUIT THE SPECIFIC SITE.
- WHERE RAISED FLOOR FOUNDATION IS SELECTED, OWNER HAS THE OPTION TO USE CRIPPLE STUD WALLS IN LIEU OF THE SPECIFIED CONCRETE STEM WALLS BELOW THE FLOOR FRAMING. CRIPPLE STUDS ARE TO MATCH TYPICAL WALL FRAMING, AND TO BE SHEATHED TO MATCH SHEARWALLS ABOVE. HOLD-DOWNS SPECIFIED SHALL BE INSTALLED ACROSS THE FLOOR FRAMING PER DETAIL 12/S-405 AND THEN INTO THE CONCRETE STEM WALL PER DETAILS 22/S-311 AND 24/S-311.
- REFER TO ARCHITECTURAL DRAWINGS FOR SIZE AND LOCATION OF UNDERFLOOR ACCESS HOLE.
- REFER TO ARCHITECTURAL DRAWINGS FOR UNDERFLOOR HEIGHT ALLOWANCE.
- ALL SNOW LOADS LISTED ARE THE FLAT ROOF SNOW LOAD. TO FIND THE FLAT ROOF SNOW LOAD, FOLLOW THIS EQUATION: FLAT ROOF SNOW = 0.77 x GROUND SNOW LOAD.
- LOCATION OF CRAWL SPACE ACCESS IS SPECIFIC TO SITE. REFER TO DETAIL 33/S-313 FOR OPENING AT CONC WALL FOOTING.

SYMBOL LEGEND



SCHEDULES

HOLD-DOWN SCHEDULE		
SPECIFIES HOLD-DOWN/STRAP DETAIL	INDICATES HOLD-DOWN/STRAP TYPE	DETAIL
6x	INDICATES SIMPSON SSB HOLD-DOWN TO: CONC FOUNDATION; CONC STEM WALL:	12/S-311 22/S-311
7x	INDICATES SIMPSON SB HOLD-DOWN TO: CONC FOUNDATION; CONC STEM WALL:	14/S-311 24/S-311

CONTINUOUS FOOTING SCHEDULE					
MARK	WIDTH	MIN EMBED BELOW LOWEST PAD GRADE	LONG REIN	TRANS REIN	DETAIL
C1.29	1'-3"	SEE NOTE 16	(2) #5 T&B	#3 @ 12" OC, BOT	31/S-311
C2	2'-0"	SEE NOTE 16	(3) #5 T&B	#3 @ 12" OC, BOT	31/S-311

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

T-FOOTING SCHEDULE						
TYPE	WIDTH	THICKNESS	MIN EMBED BELOW LOWEST PAD GRADE	LONG REIN	TRANS REIN	DETAIL
T1.29	1'-3"	1'-0"	SEE NOTE 16	(2) #4 @ TOP (2) #4 @ BOT	#3 @ 24" OC	13/S-312
T2	2'-0"	1'-0"	SEE NOTE 16	(3) #4 @ TOP (3) #4 @ BOT	#3 @ 24" OC	13/S-312

PAD FOOTING SCHEDULE							
TYPE	WIDTH	LENGTH	THICKNESS	MIN EMBED BELOW LOWEST PAD GRADE	TOP REIN	BOT REIN	DETAIL
F2	2'-0"	2'-0"	1'-6"	SEE NOTE 16	(3) #5, EW	(3) #5, EW	11/S-312
F3	3'-0"	3'-0"	1'-6"	SEE NOTE 16	(4) #5, EW	(4) #5, EW	11/S-312
F5	5'-0"	5'-0"	1'-6"	SEE NOTE 16	(6) #5, EW	(6) #5, EW	11/S-312

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

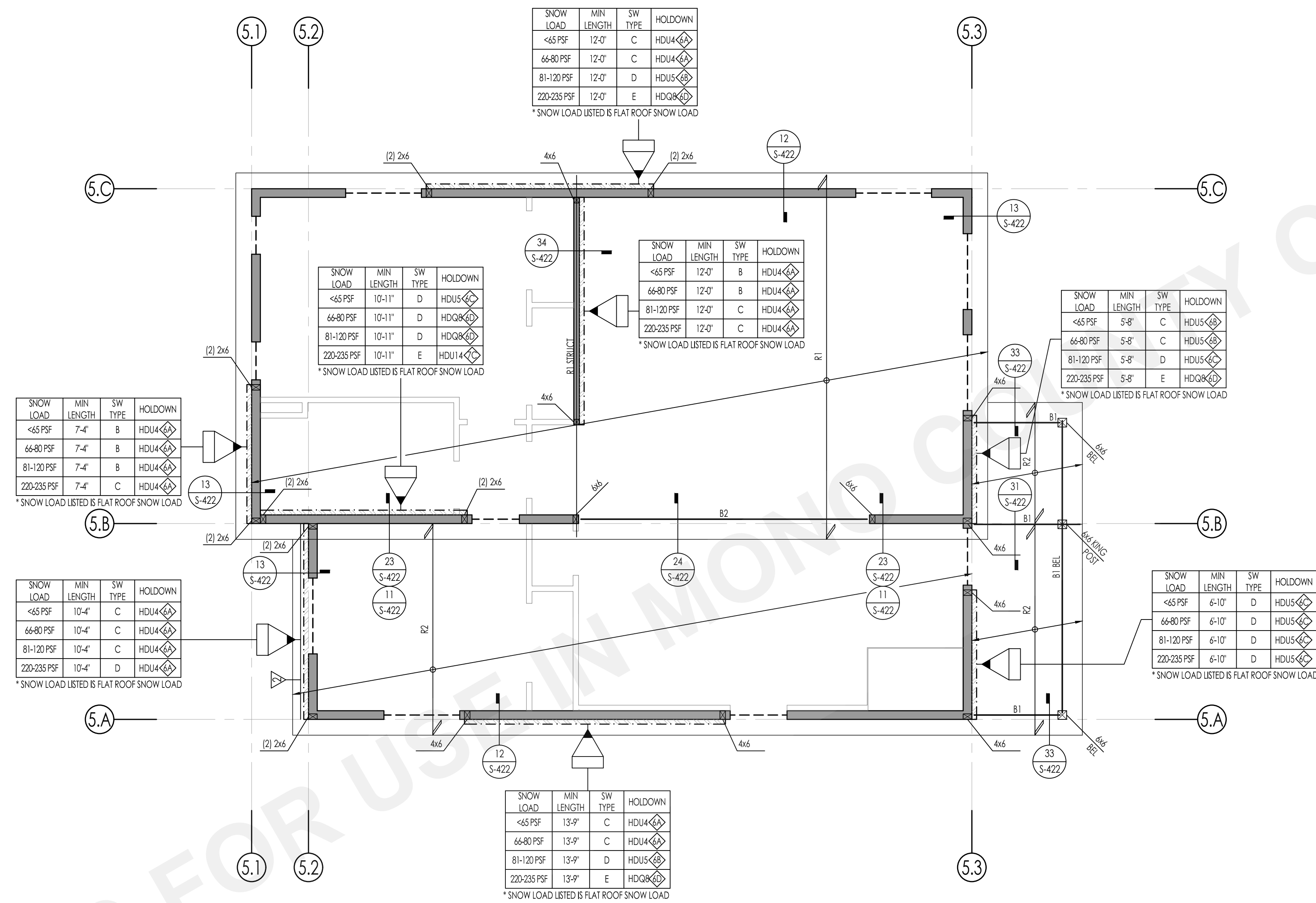
MONO COUNTY ADU
PROTOTYPES
MONO COUNTY
FOUNDATION PLAN -
RURAL MOUNTAIN -
RAISED FLOOR

DATE
NOVEMBER 20, 2023

SHEET
S5-201B.2



THESE PLANS ARE PROVIDED BY MONO COUNTY AS PART OF THE PRE-APPROVED ADU PROGRAM AND ARE PUBLIC DOMAIN. THESE 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.



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

ROOF FRAMING PLAN 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 4" WALLS SHALL BE 4x4, UNLESS NOTED OTHERWISE. ALL POSTS IN 6" WALLS SHALL BE 6x6, UNLESS NOTED OTHERWISE.
TYPICAL WALL FRAMING SHALL BE:
2x6 @ 16" OC @ ALL EXTERIOR WALLS, UNO
2x6 @ 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 PARTITION WALL DETAIL 43/S-401, UNO.
- DIAPHRAGM TYPES:
 - < 65 PSF SNOW LOAD, ROOF DIAPHRAGM, TYPE A
 - 66-80 PSF SNOW LOAD, ROOF DIAPHRAGM, TYPE A
 - 81-120 PSF SNOW LOAD, ROOF DIAPHRAGM, TYPE B
 - 220-235 PSF SNOW LOAD, ROOF DIAPHRAGM, TYPE C
 - REFER TO 12/-403
- ALL LINES AND/OR MEMBERS INDICATED AS 'STRU' SHALL RECEIVE (2) ROWS OF BOUNDARY NAILING (BN), STRG.
- 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.
- TRUSSES ARE TO BE DESIGNED FOR THE PROPER SITE SPECIFIC SNOW LOAD. TRUSS DRAWINGS SHALL BE SUBMITTED TO THE BUILDING DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO FABRICATION. FOR OTHER TRUSSES DESIGN CRITERIA REFER TO SHEET S-103 PREFABRICATED WOOD TRUSSES I.B.D.
- TRUSSES SHALL INCLUDE PROPER ICE DAMM LOADING AT EAVES, SLIDING SNOW AND SNOW DRIFTS PER ASCE 7-16 WHERE APPLICABLE BASED ON THE ROOF CONFIGURATION.
- WHERE THE OWNER WOULD LIKE TO SUBSTITUTE TRUSSES IN PLACE OF SPECIFIED RAFTERS THAT IS STRUCTURALLY ACCEPTABLE, THESE TRUSSES SHALL BE INCLUDED IN THE SUBMITTAL TO THE BUILDING DEPARTMENT.
- AL LUMBER EXPOSED TO THE ELEMENTS SHALL BE SELECT STRUCTURAL GRADE.
- SHEARWALL CONSTRUCTION, HOLDOWNS, RAFTERS AND HEADERS SHALL BE SELECTED FROM THE TABLES BASED ON THE SNOW LOADING FOR THE SPECIFIC SITE.
- SHEARWALL LENGTHS LISTED IN THE TABLES ABOVE ARE CONSIDERED THE MINIMUMS. THE SHEARWALL CAN BE PLACED ANYWHERE ALONG THE BUILDING LINE AS LONG AS IT IS NOT INTERRUPTED BY A DOORWAY OR WINDOW.
- ALL SNOW LOADS LISTED ARE THE FLAT ROOF SNOW LOAD. TO FIND THE FLAT ROOF SNOW LOAD, FOLLOW THIS EQUATION: FLAT ROOF SNOW = 0.77 x GROUND SNOW LOAD.

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 CONT BLK & STRAP PER 24/S-405 @ ROOF, UNO
- INDICATES STRAP PER 34/S-405, UNO
- INDICATES DRAG TRUSS CONNECTOR PER 31/S-405, UNO

SCHEDULES

HOLDOWN SCHEDULE		
SPECIFIES HOLDOWN/STRAP DETAIL	INDICATES HOLDOWN/STRAP TYPE	DETAIL
6x	INDICATES SIMPSON SSTB HOLDDOWN TO: CONC FOUNDATION: CONC STEM WALL:	12/S-311 22/S-311
7x	INDICATES SIMPSON SB HOLDDOWN TO: CONC FOUNDATION: CONC STEM WALL:	14/S-311 24/S-311

ROOF RAFTER SCHEDULE			
MARK	SNOW LOAD	SIZE	REMARKS
R1	<65 PSF	(2) 2x12 @ 16" OC	
	66-80 PSF	(2) 2x12 @ 12" OC	
	81-120 PSF	(2) 2x14 @ 12" OC	
	220-235 PSF	(2) 1 3/4" x 14" LVL @ 16" OC	
R2	<65 PSF	2x10 @ 16" OC	
	66-80 PSF	2x10 @ 16" OC	
	81-120 PSF	2x12 @ 16" OC	
	220-235 PSF	(2) 2x12 @ 16" OC	

BEAM SCHEDULE			
MARK	SNOW LOAD	SIZE	REMARKS
B1	<120 PSF	6x10	
	121-235 PSF	6x14	
B2	<80 PSF	5.5x16 GLB	
	81-120 PSF	5.5x19.5 GLB	
	121-235 PSF	5.5x25.5 GLB	

MONO COUNTY ADU
PROTOTYPES
MONO COUNTY

ROOF PLAN - HIGH DESERT

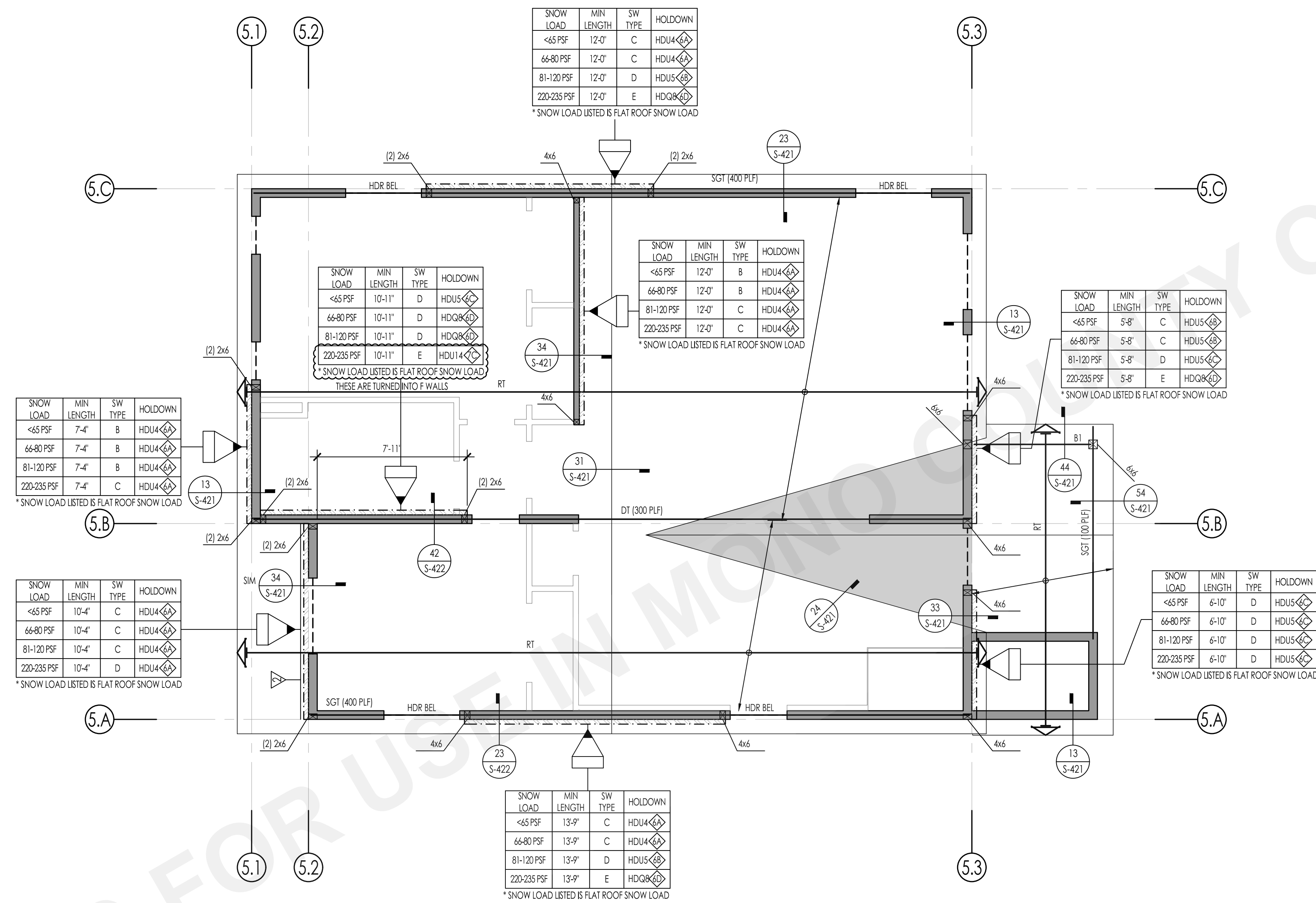
DATE
NOVEMBER 20, 2023

SHEET

S5-202A



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

ROOF FRAMING PLAN 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
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TESTING AND INSPECTION	S-103
TYPICAL CONCRETE DETAILS	S-301
TYPICAL WOOD DETAILS	S-401 - S-404
- 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 4" WALLS SHALL BE 4x4, UNLESS NOTED OTHERWISE. ALL POSTS IN 6" WALLS SHALL BE 6x6, UNLESS NOTED OTHERWISE.
TYPICAL WALL FRAMING SHALL BE:
2x6 @ 16" OC @ ALL EXTERIOR WALLS, UNO
2x6 @ 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 PARTITION WALL DETAIL 43/S-401, UNO.
- DIAPHRAGM TYPES:
< 65 PSF SNOW LOAD, ROOF DIAPHRAGM, TYPE A
66-80 PSF SNOW LOAD, ROOF DIAPHRAGM, TYPE A
81-120 PSF SNOW LOAD, ROOF DIAPHRAGM, TYPE B
220-235 PSF SNOW LOAD, ROOF DIAPHRAGM, TYPE C
REFER TO 12/-403
- ALL LINES AND/OR MEMBERS INDICATED AS 'STRU' SHALL RECEIVE (2) ROWS OF BOUNDARY NAILING (BN), S1GR.
- 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.
- TRUSSES ARE TO BE DESIGNED FOR THE PROPER SITE SPECIFIC SNOW LOAD. TRUSS DRAWINGS SHALL BE SUBMITTED TO THE BUILDING DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO FABRICATION. FOR OTHER TRUSSES DESIGN CRITERIA REFER TO SHEET S-103 PRE-FABRICATED WOOD TRUSSES I.B.D.
- TRUSSES SHALL INCLUDE PROPER ICE DAMM LOADING AT EAVES, SLIDING SNOW AND SNOW DRIFTS PER ASCE 7-16 WHERE APPLICABLE BASED ON THE ROOF CONFIGURATION.
- WHERE THE OWNER WOULD LIKE TO SUBSTITUTE TRUSSES IN PLACE OF SPECIFIED RAFTERS THAT IS STRUCTURALLY ACCEPTABLE, THESE TRUSSES SHALL BE INCLUDED IN THE SUBMITTAL TO THE BUILDING DEPARTMENT.
- AL LUMBER EXPOSED TO THE ELEMENTS SHALL BE SELECT STRUCTURAL GRADE.
- SHEARWALL CONSTRUCTION, HOLDOWNS, RAFTERS AND HEADERS SHALL BE SELECTED FROM THE TABLES BASED ON THE SNOW LOADING FOR THE SPECIFIC SITE.
- SHEARWALL LENGTHS LISTED IN THE TABLES ABOVE ARE CONSIDERED THE MINIMUMS. THE SHEARWALL CAN BE PLACED ANYWHERE ALONG THE BUILDING LINE AS LONG AS IT IS NOT INTERRUPTED BY A DOORWAY OR WINDOW.
- ALL SNOW LOADS LISTED ARE THE FLAT ROOF SNOW LOAD. TO FIND THE FLAT ROOF SNOW LOAD, FOLLOW THIS EQUATION: FLAT ROOF SNOW = 0.77 x GROUND SNOW LOAD.

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 SPICE NAILING PER 33/S-403 NOTE THAT NAILING APPLIES TO ENTIRE LENGTH OF TOP PLATE. PROVIDE TYPE (C) SPICE, UNO
- INDICATES CONCT BLK & STRAP PER 24/S-405 @ ROOF, UNO
- INDICATES STRAP PER 34/S-405, UNO
- DSC# INDICATES DRAG TRUSS CONNECTOR PER 31/S-405, UNO

SCHEDULES

HOLDOWN SCHEDULE		
SPECIFIES HOLDOWN/STRAP DETAIL	INDICATES HOLDOWN/STRAP TYPE	DETAIL
6X	INDICATES SIMPSON SSTB HOLDOWN TO: CONC FOUNDATION: CONC STEM WALL:	12/S-311 22/S-311
7X	INDICATES SIMPSON SB HOLDOWN TO: CONC FOUNDATION: CONC STEM WALL:	14/S-311 24/S-311

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	
SC	SCISSOR 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

(#*) - EQUALS DRAG FORCE IN LBS. DRAG FORCES AT A FACTORED LEVEL (0.7E) DRAG FORCES CALCULATED IN ACCORDANCE WITH ASCE 7-16 12.10.1.1. IN STRUCTURES ENTIRELY BRACED BY UPRIGHT 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

MONO COUNTY ADU
PROTOTYPES
MONO COUNTY

ROOF PLAN - RURAL MOUNTAIN

DATE
NOVEMBER 20, 2023

SHEET

S5-202B



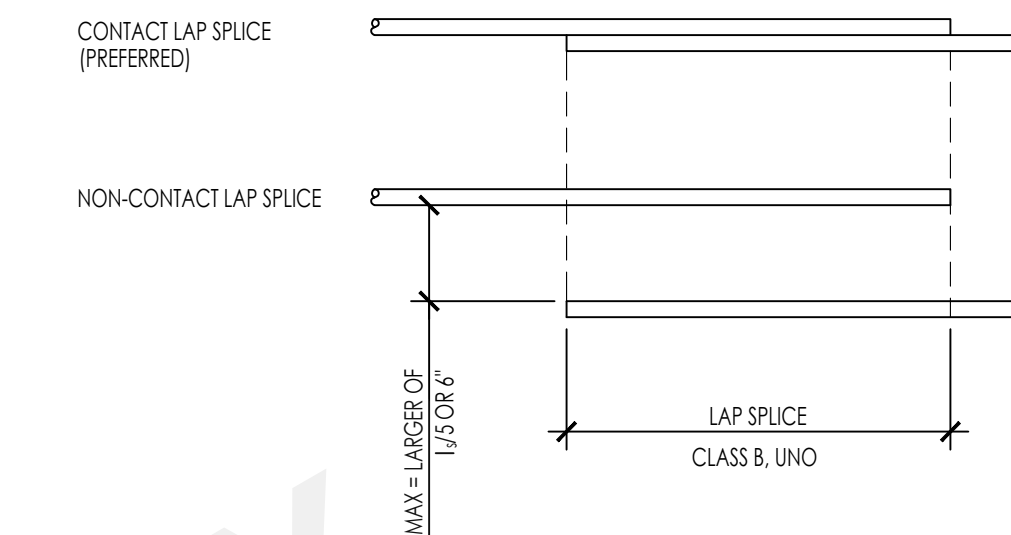
THESE PLANS ARE PROVIDED BY MONO COUNTY AS PART OF THE PRE-APPROVED ADU PROGRAM AND ARE PUBLIC DOMAIN. THERE CANNOT BE A CHARGE TO PROVIDE THESE PLANS. NO ALTERATIONS TO THESE PLANS ARE ALLOWED. ALL ALTERATIONS MUST BE DONE UNDER A SEPARATE PERMIT ONCE THE BUILDING PERMIT FOR THE ADU HAS BEEN ISSUED 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.

MONO COUNTY ADU
PROTOTYPES
MONO COUNTY

TYPICAL CONCRETE DETAILS

DATE
NOVEMBER 20, 2023
SHEET

S-301

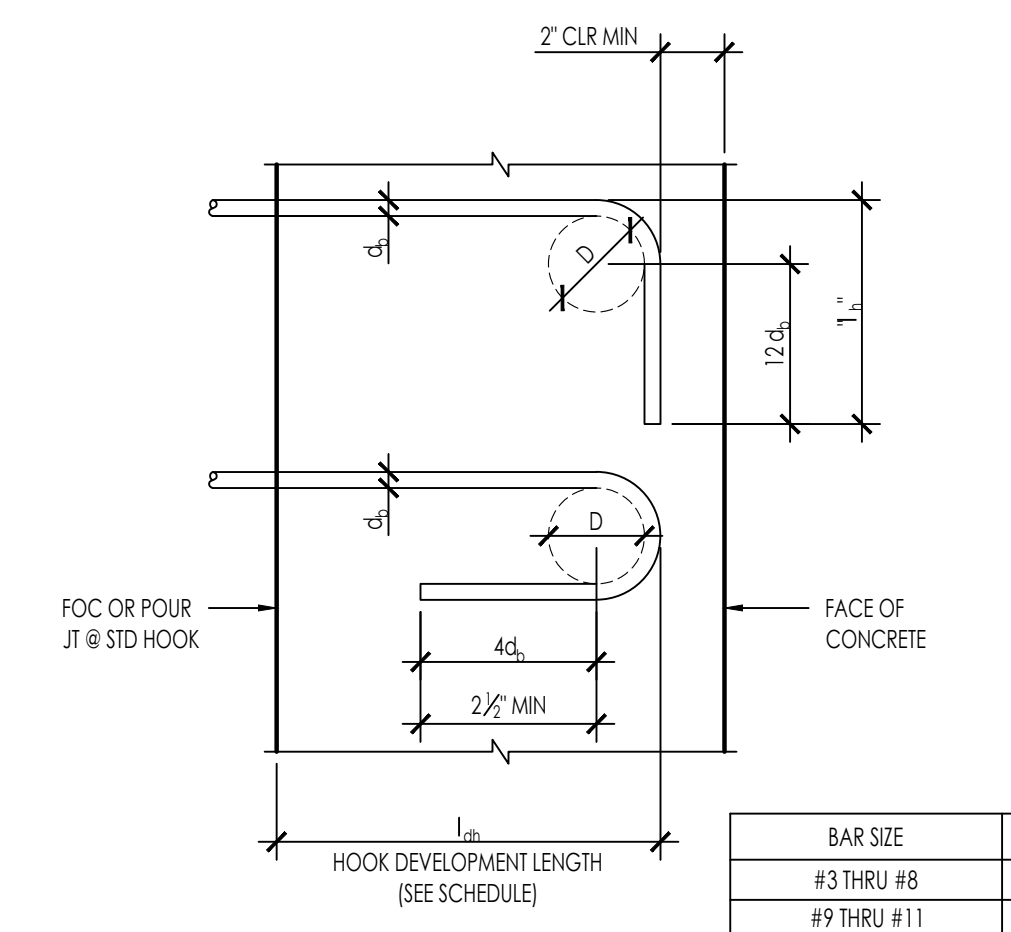


REINFORCING TENSION DEVELOPMENT LENGTH AND LAP SPICE SCHEDULE

BAR SIZE	DEVELOPMENT LENGTH, l_d (CLASS A LAP SPICE)			LAP SPICE, l_s (CLASS B LAP SPICE)		
	f_c (psi)			f_c (psi)		
	2,500	3,000	4,000	2,500	3,000	4,000
#3	1'-6"	1'-5"	1'-3"	2'-0"	1'-10"	1'-7"
#4	2'-0"	1'-10"	1'-7"	2'-8"	2'-5"	2'-1"
#5	2'-6"	2'-4"	2'-0"	3'-3"	3'-0"	2'-7"
#6	3'-0"	2'-9"	2'-5"	3'-11"	3'-7"	3'-2"
#7	4'-5"	4'-0"	3'-6"	5'-9"	5'-2"	4'-6"
#8	5'-0"	4'-7"	4'-0"	6'-6"	5'-11"	5'-2"
#9	5'-8"	5'-2"	4'-6"	7'-4"	6'-9"	5'-10"
#10	6'-5"	5'-10"	5'-1"	8'-3"	7'-7"	6'-7"
#11	7'-1"	6'-6"	5'-7"	9'-2"	8'-5"	7'-3"

- 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 SPICE LENGTH.
 - ALL LAP SPICES REFERENCED IN THE PLANS SHALL BE CLASS B UNLESS NOTED OTHERWISE.
 - WHEN REINFORCING BARS OF TWO SIZES ARE LAP-SPLICED IN TENSION, USE THE LARGER OF THE TENSION CLASS B, LAP SPICE LENGTH (l_s) OF THE SMALLER BAR, AND THE CLASS A, TENSION DEVELOPMENT LENGTH (l_d) OF THE LARGER BAR.

REINFORCING TENSION DEVELOPMENT LENGTH AND LAP SPICES NTS 12



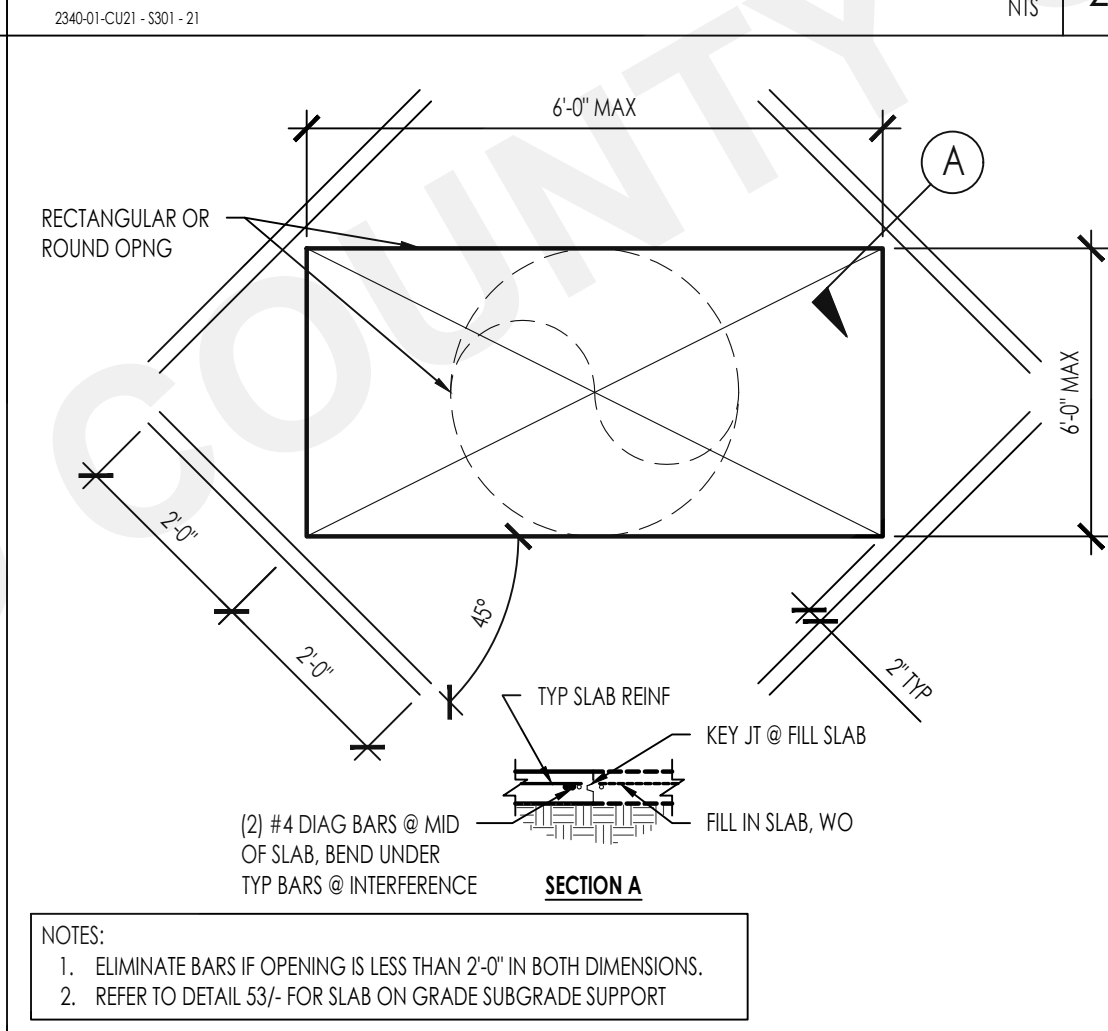
STANDARD HOOK DEVELOPMENT LENGTH l_{dh}

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"	1'-2"	1'-9"	1'-8"	1'-5"
#8	6"	1'-4"	2'-0"	1'-10"	1'-7"
#9	9 1/2"	1'-7 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"

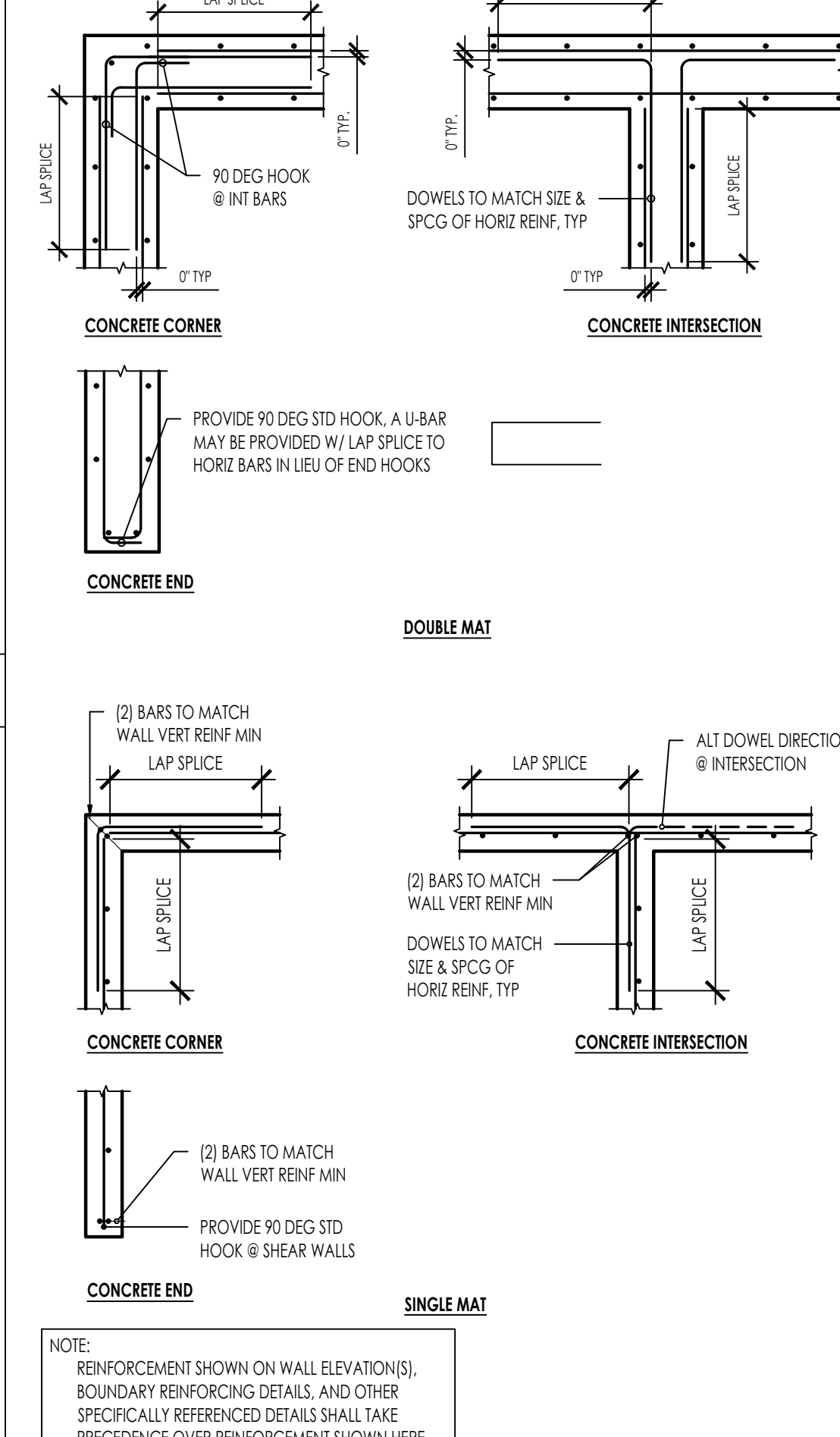
- NOTE:
- ALL HOOKED BARS SHALL EXTEND AS FAR AS POSSIBLE WITH A MINIMUM 2" END COVER AND WITH EMBEDMENT NOT LESS THAN SHOWN ON THE SCHEDULE UNLESS NOTED OTHERWISE ON PLANS.
 - MINIMUM SIDE COVER = 2";
 - FOR LIGHTWEIGHT CONCRETE MULTIPLY LENGTHS IN SCHEDULE BY 1.3.

REINFORCING HOOK DEVELOPMENT LENGTH AND BENDS NTS 14

REINFORCING TIES AND STIRRUPS NTS 21

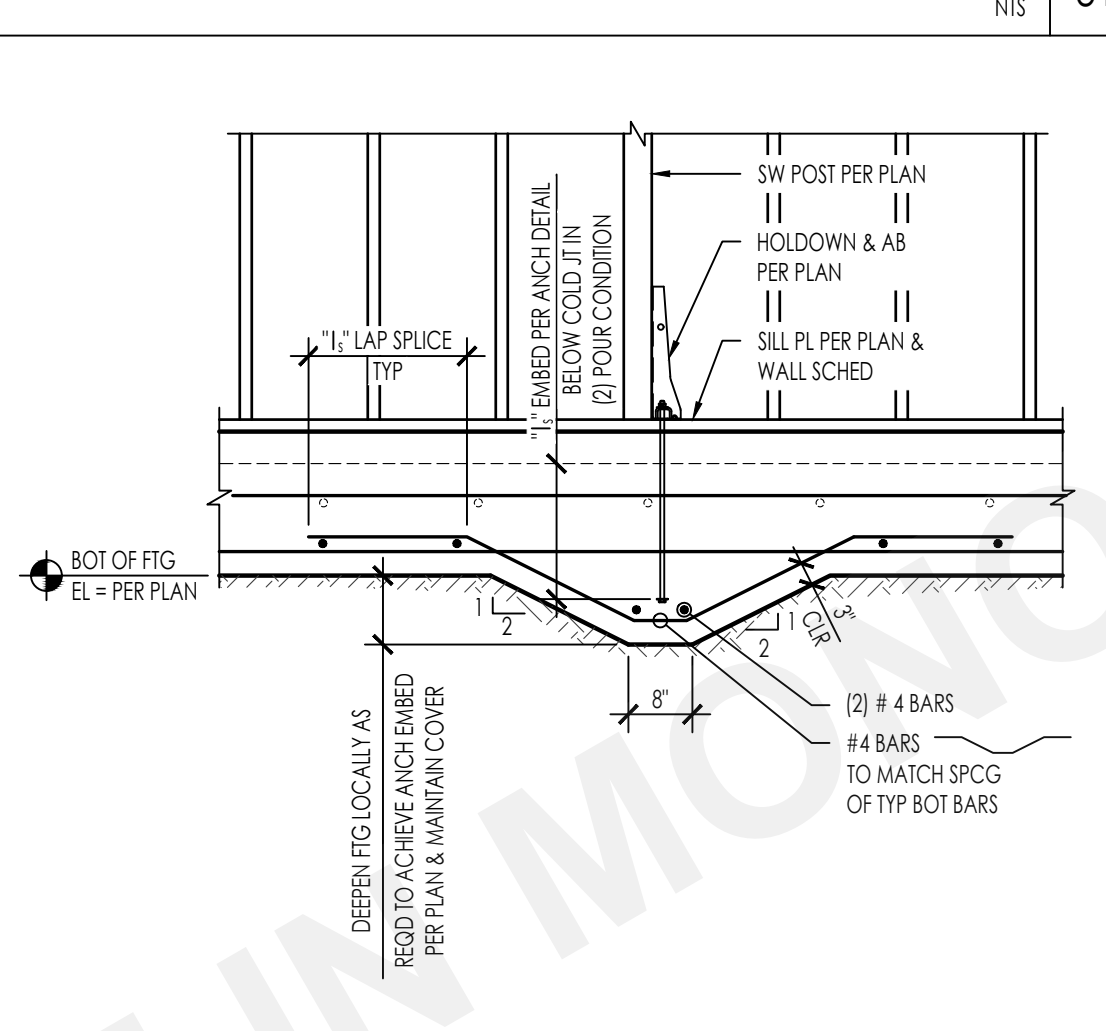


SOG OPENING NTS 22

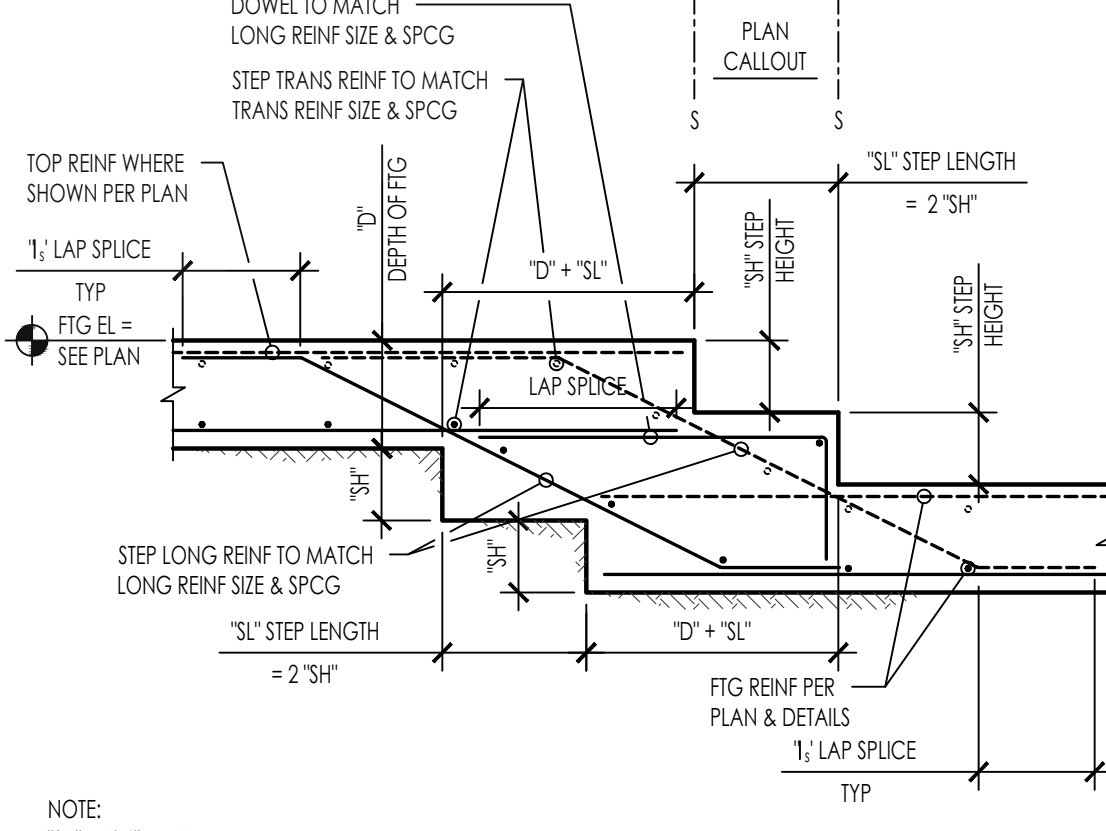


CONC REIN @ INTERSECTION NTS 24

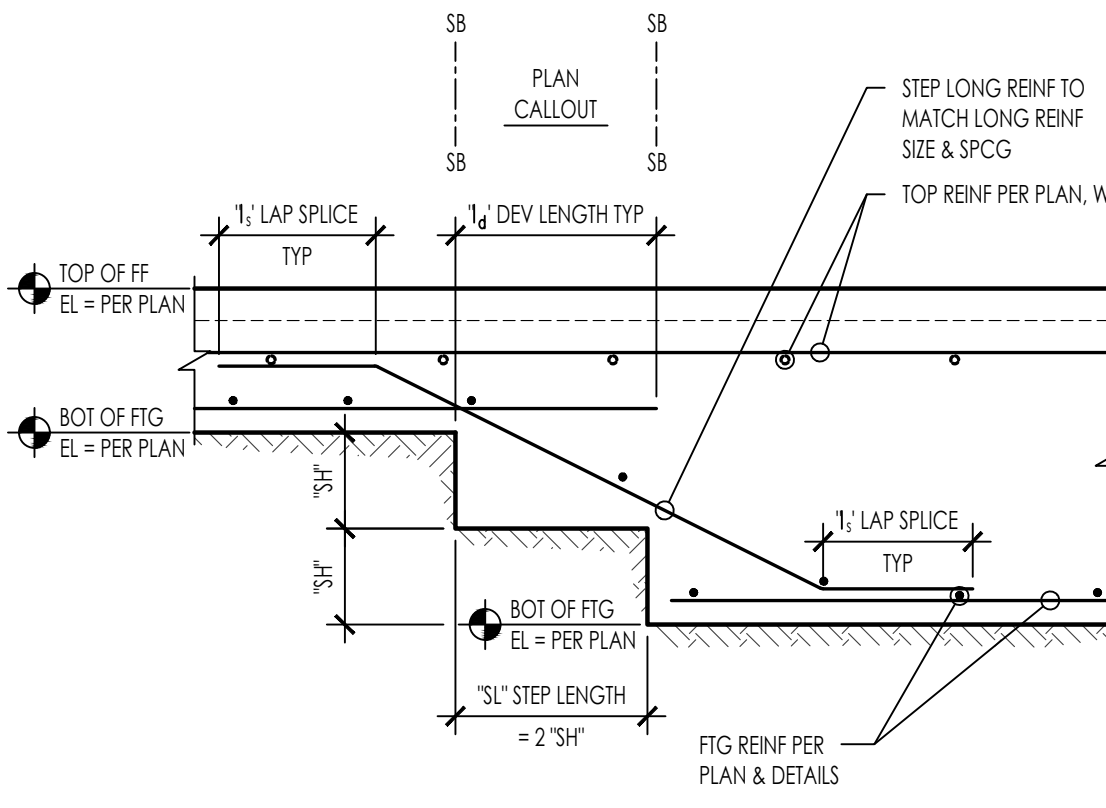
CONSTRUCTION JOINT (TYPICAL) NTS 31



DEEPEMED FIG @ ANCHOR BOLT NTS 32

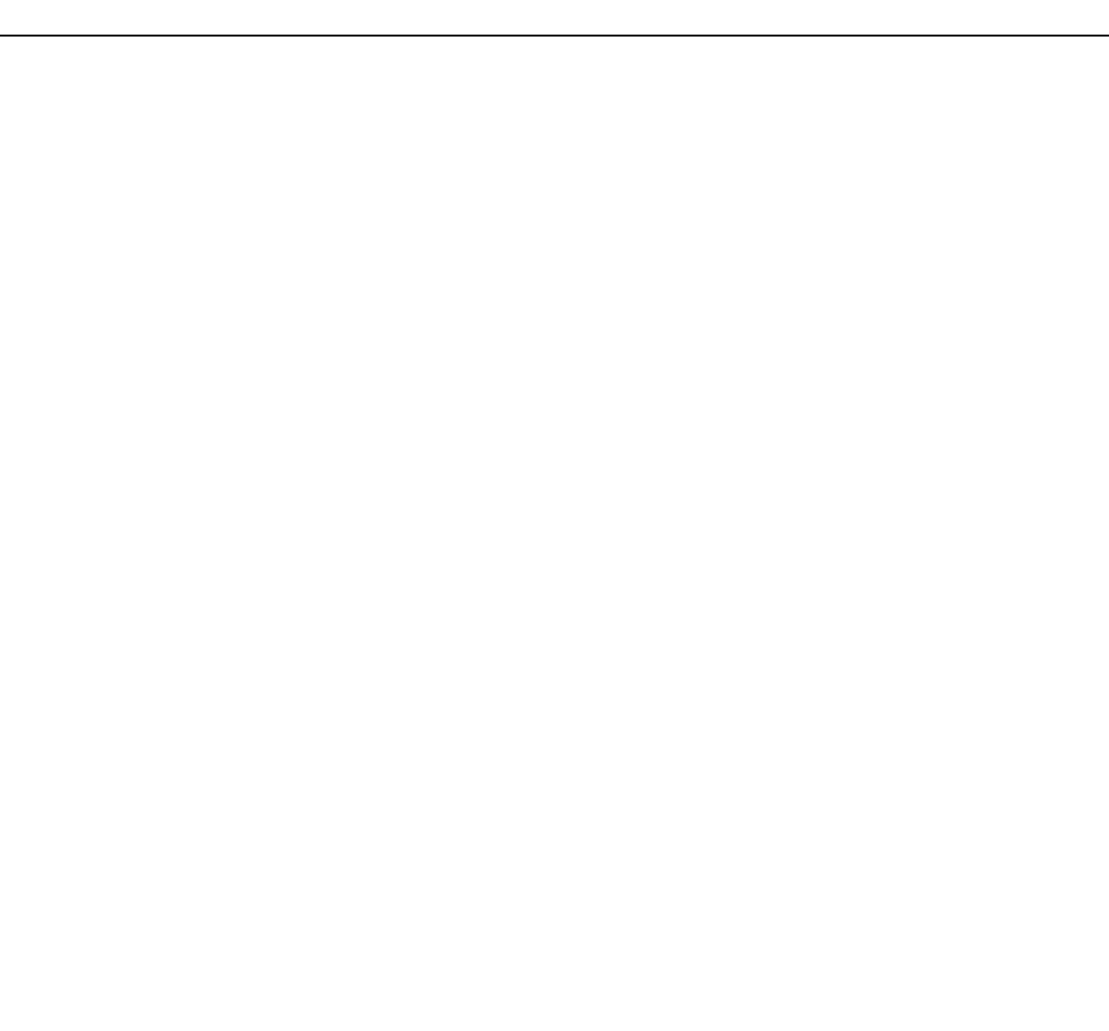


STEP FOOTING NTS 33

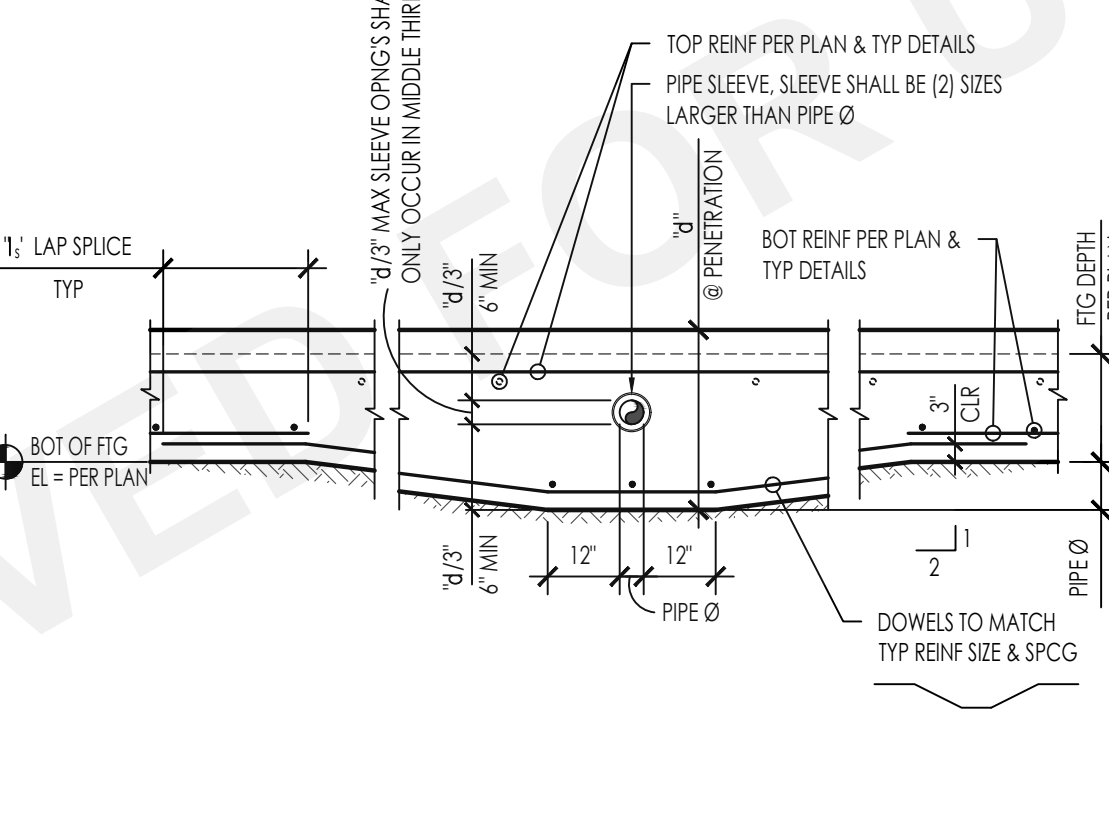


STEPPED FOOTING (BOTTOM ONLY) NTS 34

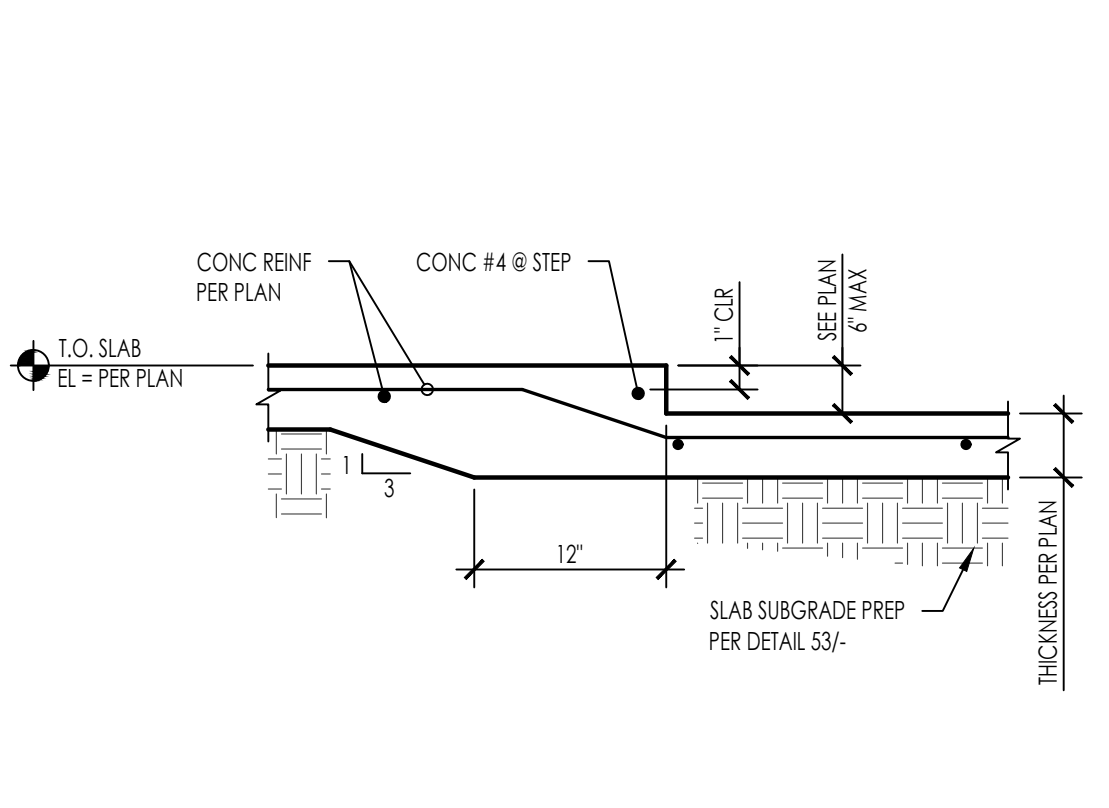
SLAB ON GRADE JOINTS NTS 31



SLAB ON GRADE EDGE AND SUBGRADE PREP NTS 53

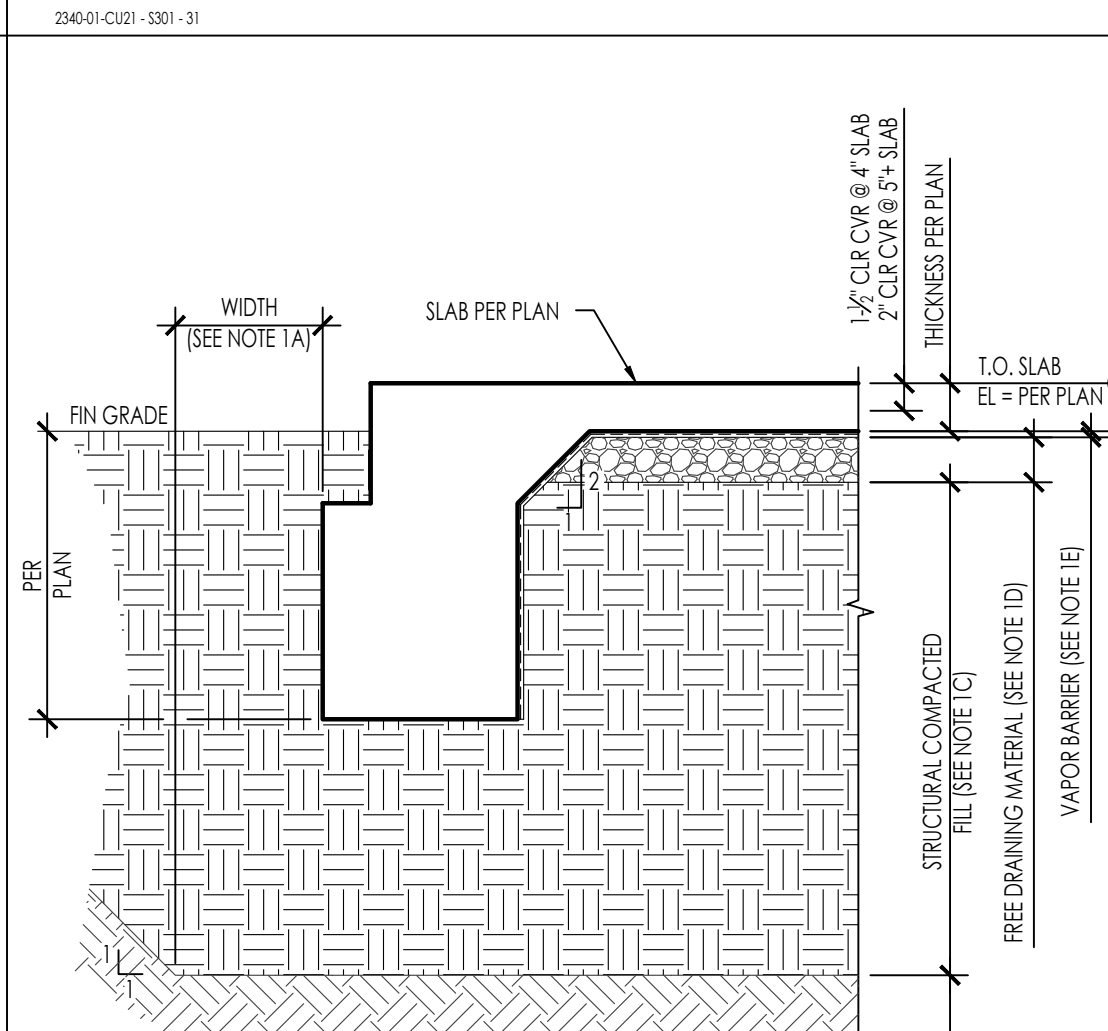


SLEEVE THROUGH FOUNDATION (SLAB TURN-DOWN) NTS 43

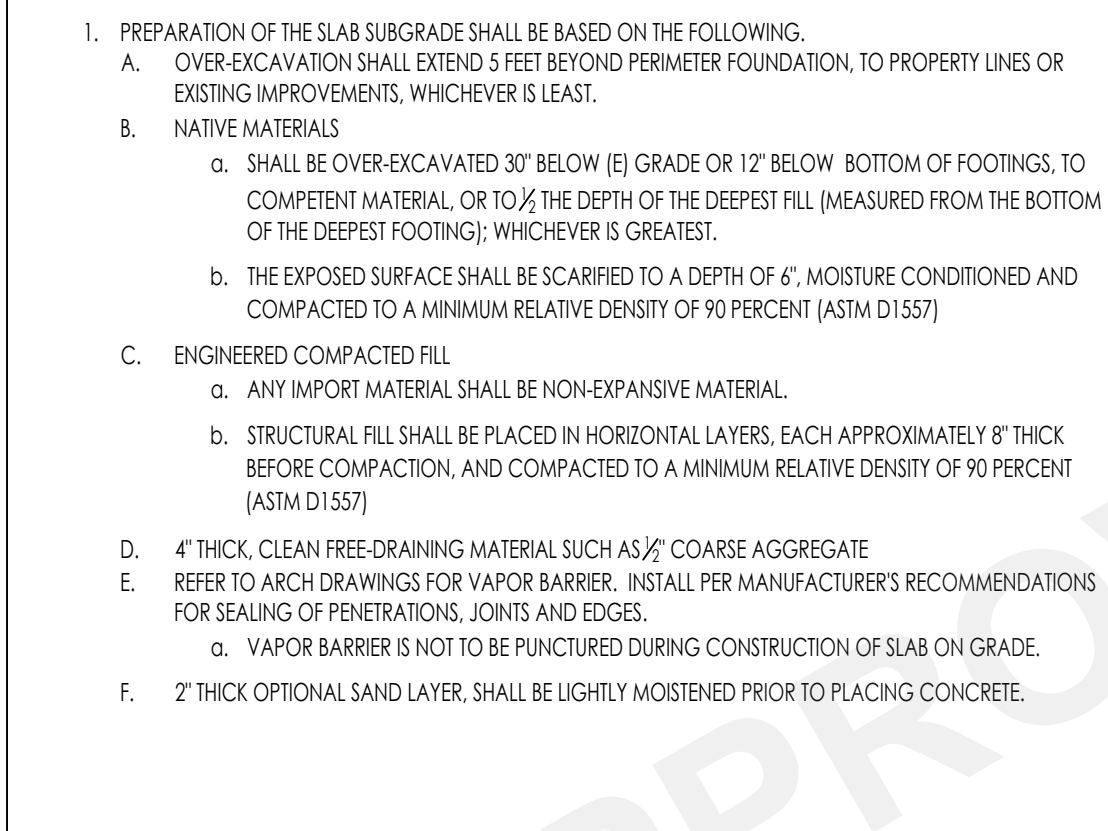


SLAB ON GRADE DEPRESSION NTS 44

SLAB ON GRADE JOINTS NTS 31



SLAB ON GRADE EDGE AND SUBGRADE PREP NTS 53



SLEEVE THROUGH FOUNDATION (SLAB TURN-DOWN) NTS 43



SLAB ON GRADE DEPRESSION NTS 44

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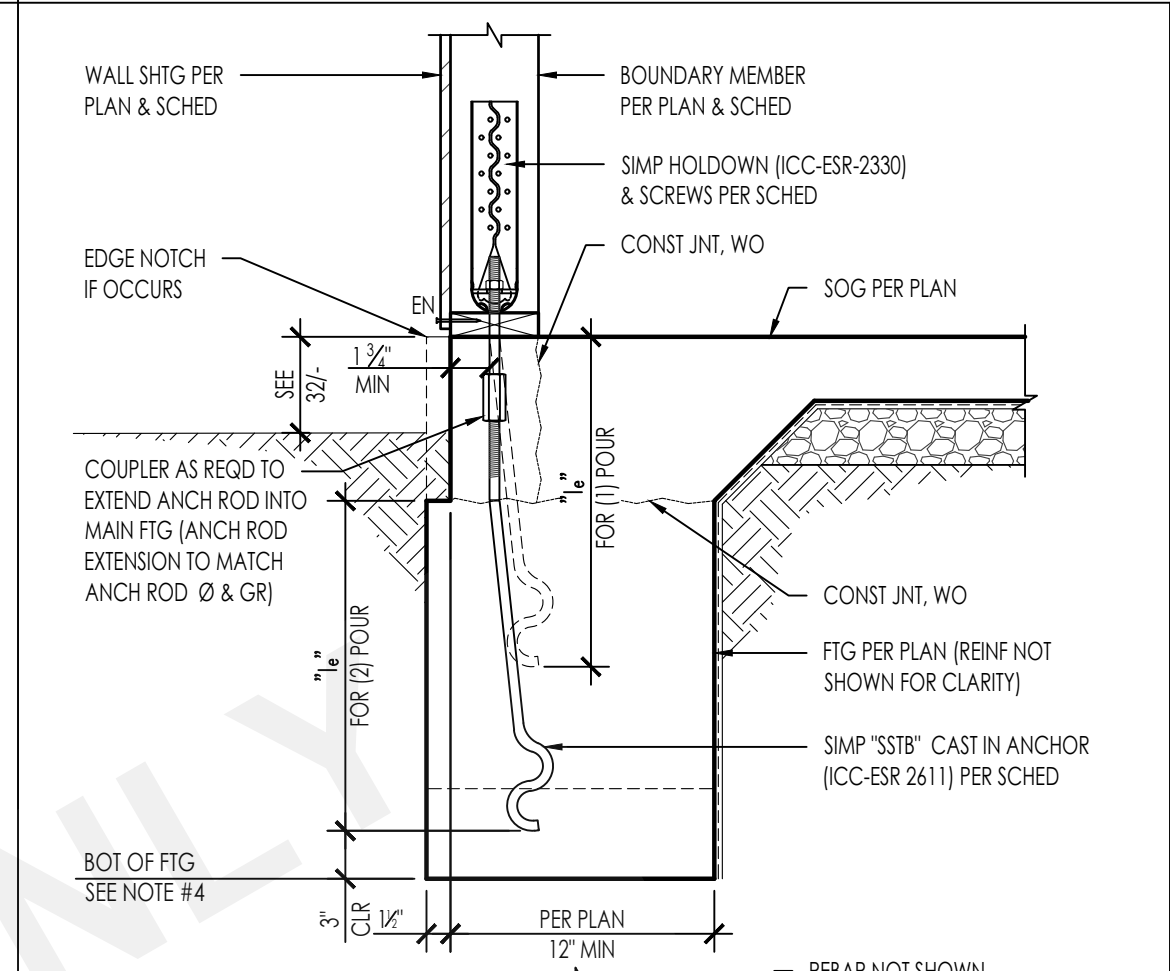


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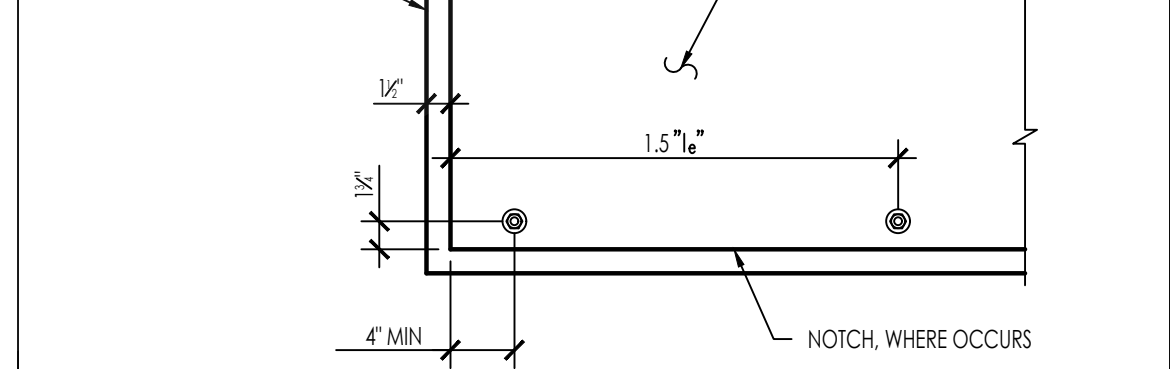
MONO COUNTY ADU
PROTOTYPES
MONO COUNTY
CONCRETE DETAILS

DATE
NOVEMBER 20, 2023
SHEET

S-311



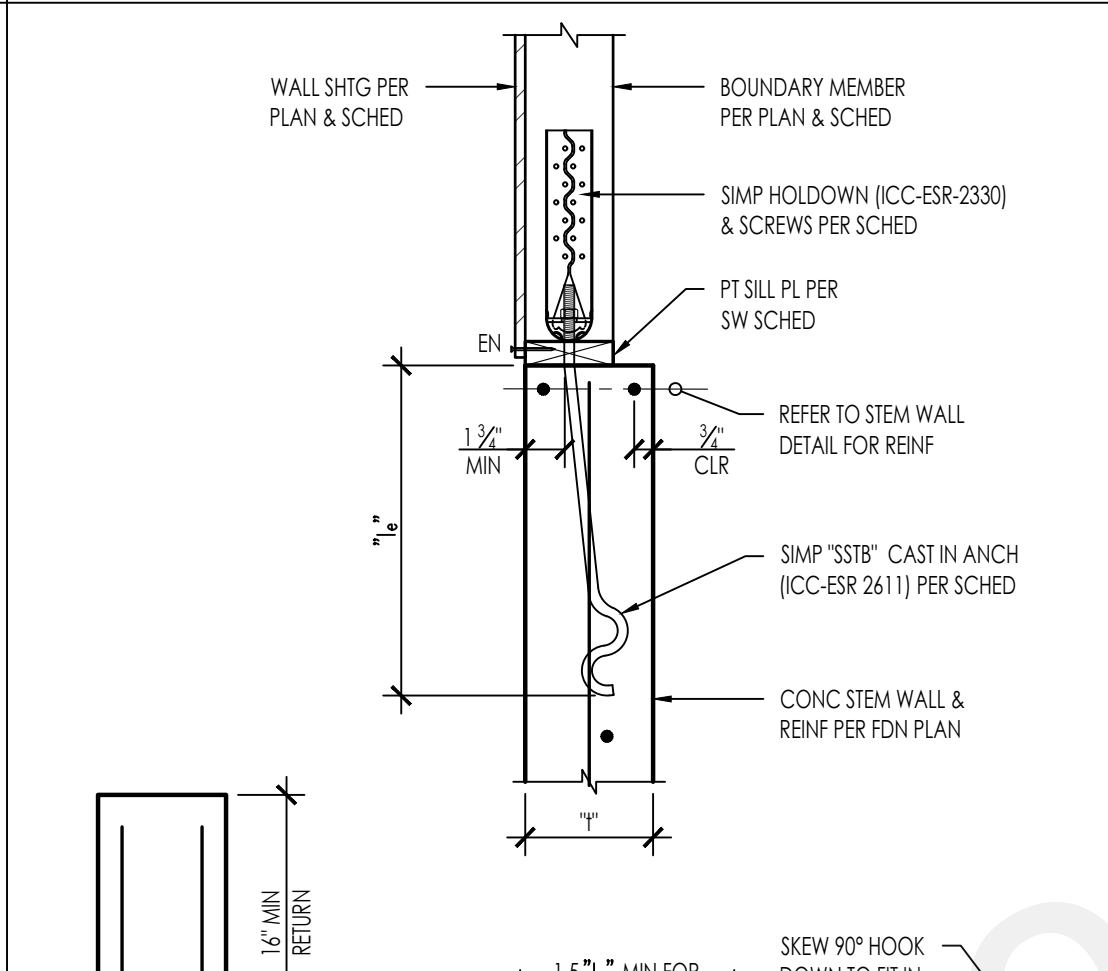
SB ANCHOR & HOLDOWN @ FOUNDATION



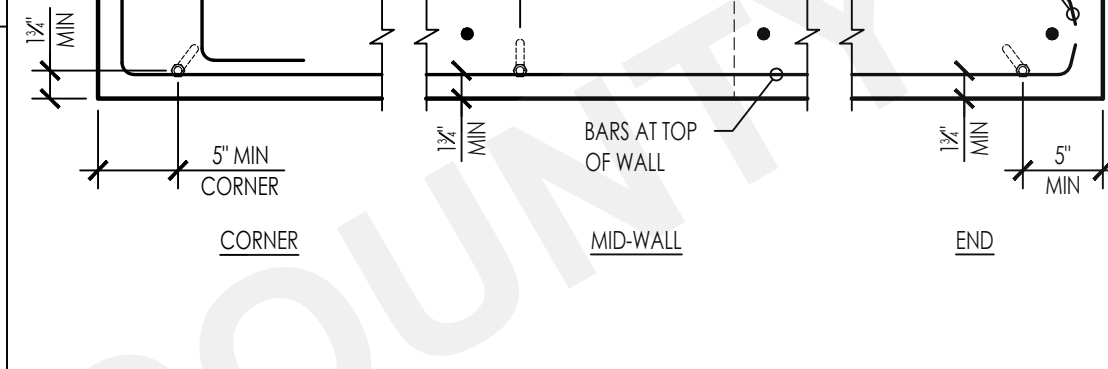
SB ANCHOR & HOLDOWN @ FOUNDATION

TYPE	HOLDOWN	ANCHOR	DIA (IN)	FASTENERS	BOUNDARY MEMBER MIN THICKNESS (IN)	MIN EMBED 1/4\"/>
6A	HDU4-SDS2.5	SSB16		10-SDS 3/8\"/>		
6B	HDU4-SDS2.5	SSB20	3/8	14-SDS 3/8\"/>		
6C	HDU4-SDS2.5	SSB24	1/2	14-SDS 3/8\"/>		
6D	HDU8-SDS2.5	SSB28	3/4	20-SDS 3/8\"/>		

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 32/3-



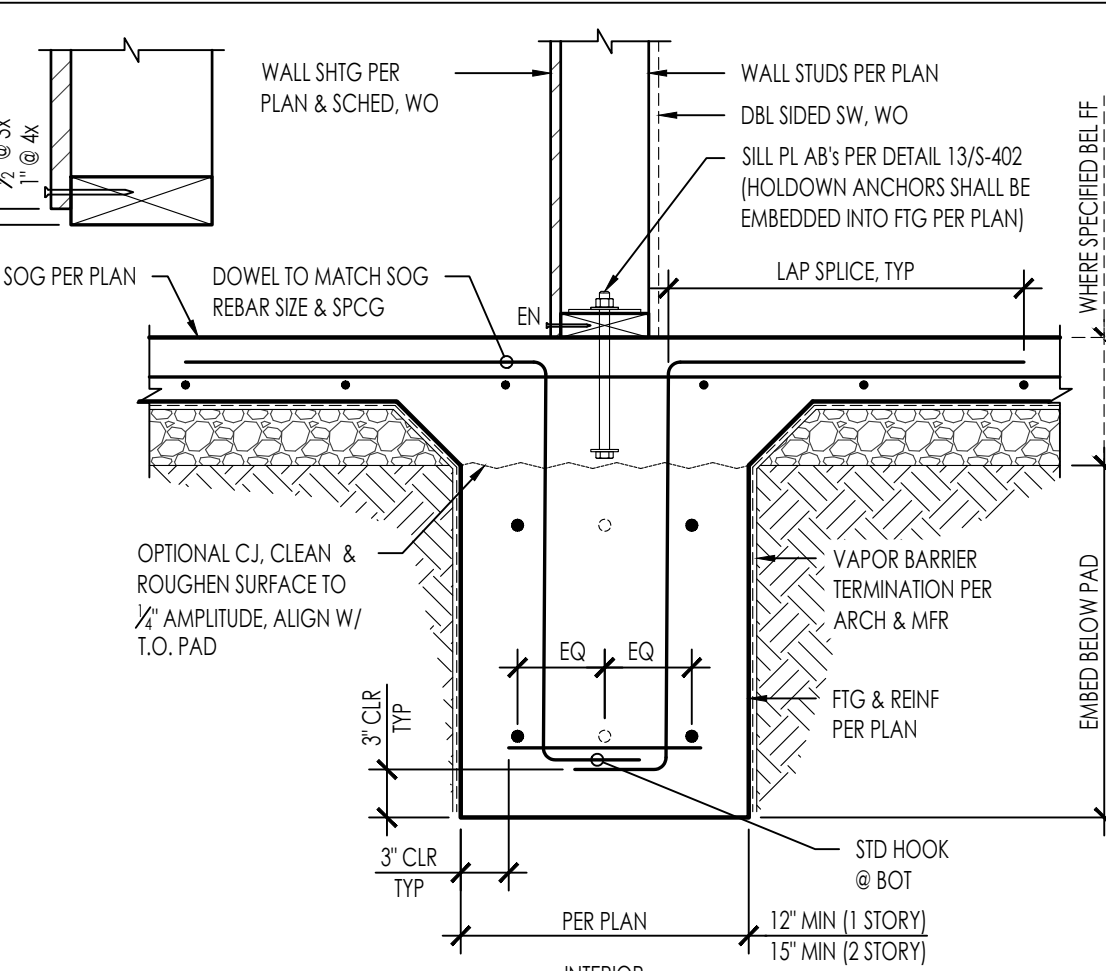
SB ANCHOR & HOLDOWN @ STEM WALL



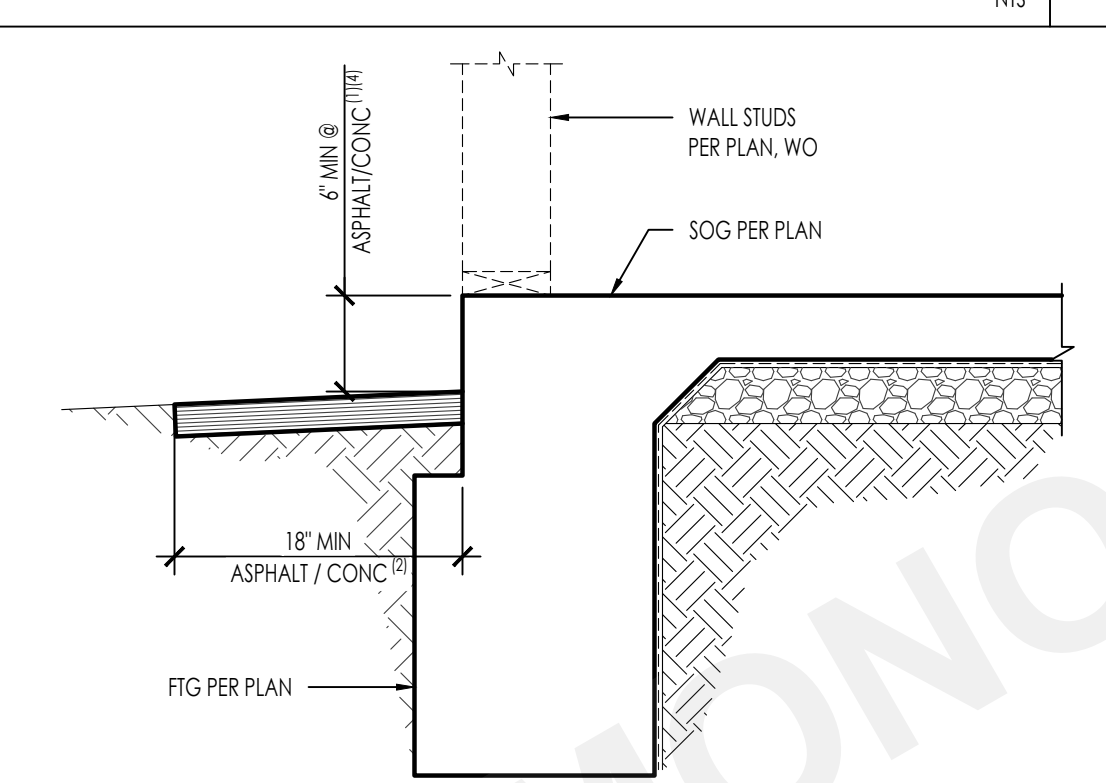
SB ANCHOR & HOLDOWN @ STEM WALL

TYPE	HOLDOWN	ANCHOR	MIN STEM WALL WIDTH 1/4\"/>			
				CORNER	MIDWALL	END
6A	HDU2-SDS2.5	SSB16		2,550	2,550	2,550
6B	HDU4-SDS2.5	SSB20	6	2,960	3,145	2,960
6C	HDU4-SDS2.5	SSB24		3,325	3,740	3,325
6D	HDU8-SDS2.5	SSB28	8	7,315	7,870*	6,395

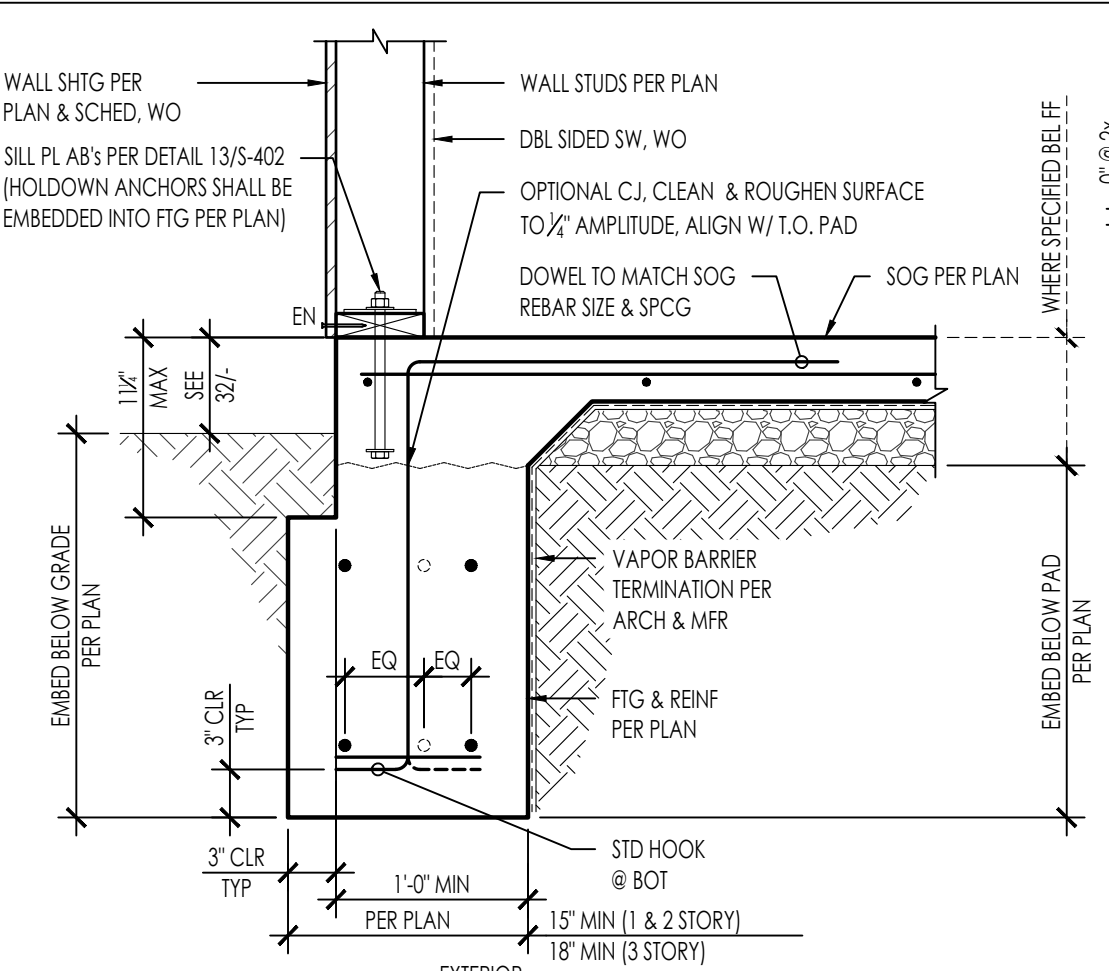
1. MINIMUM EDGE DISTANCE IS SHOWN ABOVE. ANCHOR LOCATIONS PER PLAN
2. MINIMUM ANCHOR TO ANCHOR SPACING IS 3L
3. * = CAPACITY LIMITED BY HOLDOWN



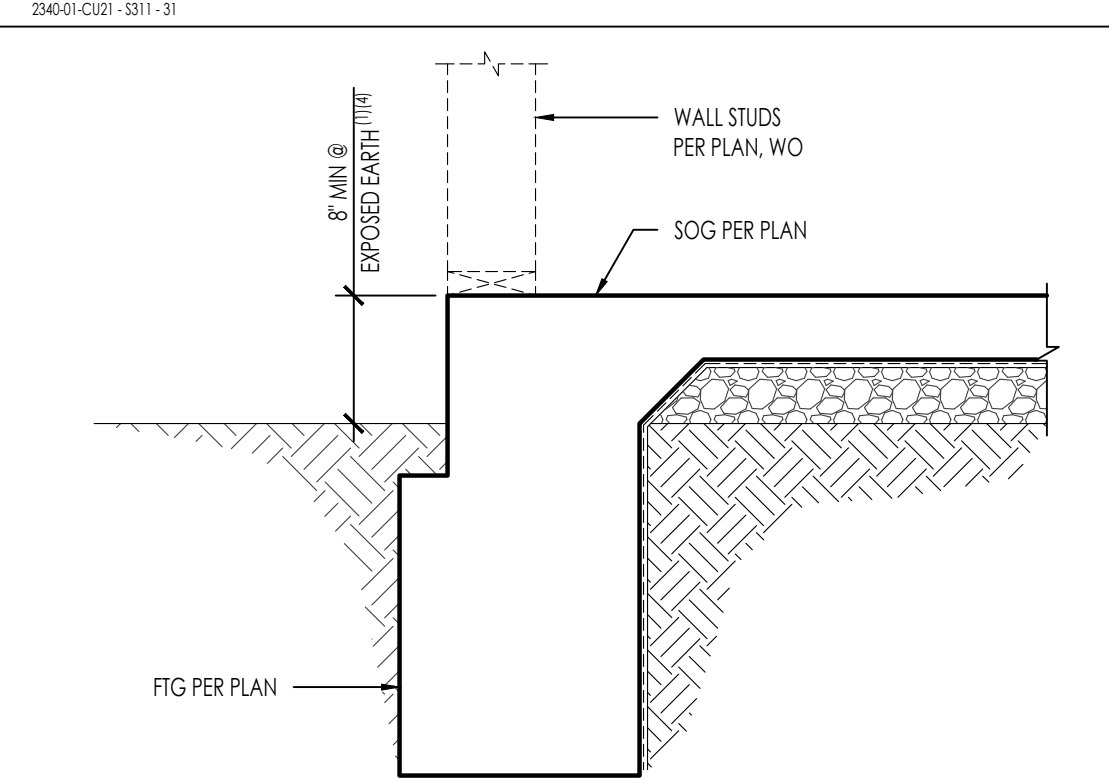
CONTINUOUS WALL FOOTING



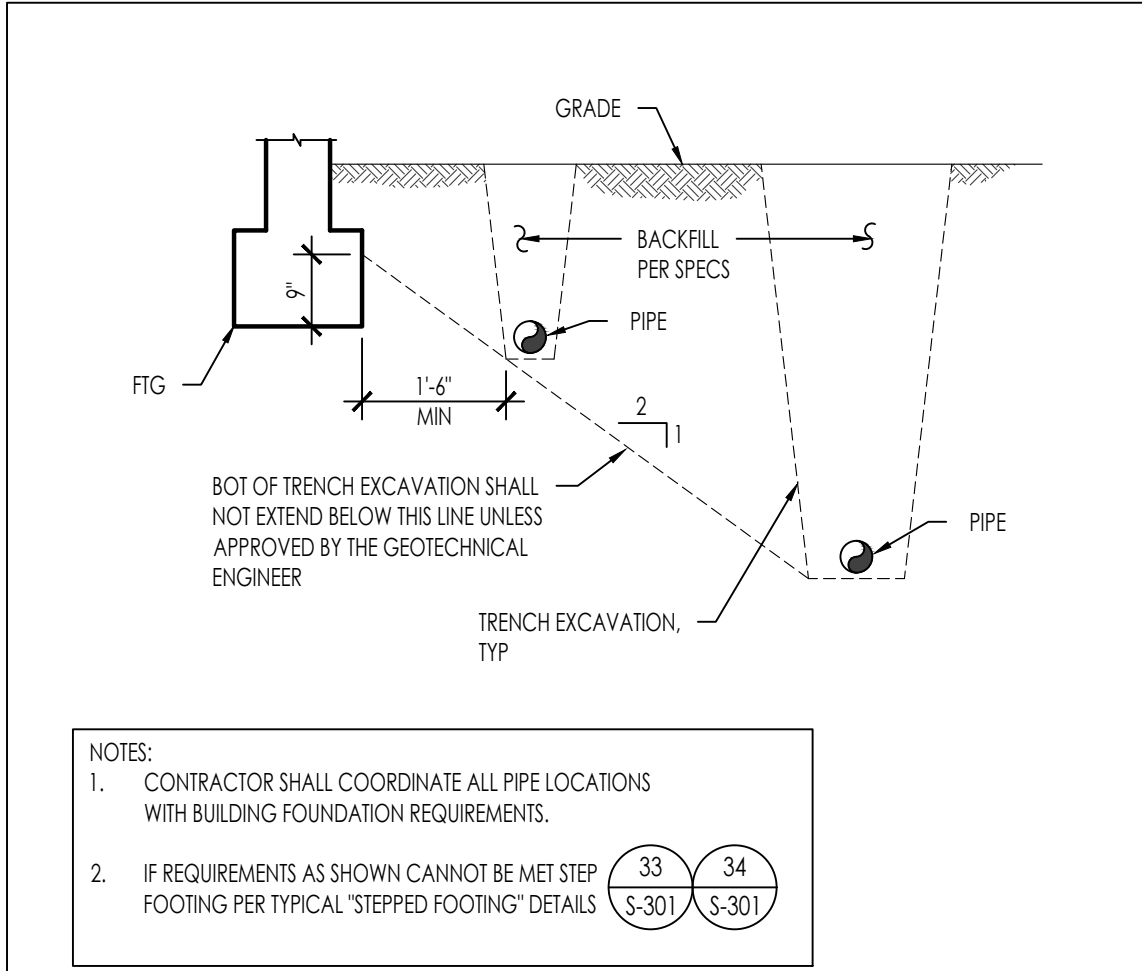
1. MIN DISTANCE TO EXPOSED EARTH APPLIES TO BOTH TURNED DOWN AND STEM WALL FOOTINGS
2. CONCRETE OR IMPERVIOUS SURFACE WITH ADEQUATE DRAINAGE AWAY FROM FOUNDATION (2% MIN SLOPE)
3. FOR BALANCE OF FOOTING INFO NOT SHOWN, SEE DETAIL 31/-
4. WHERE MINIMUM DISTANCE TO EXTERIOR FINISHED GRADE OR SURFACE CANNOT BE ACHIEVED, PROVIDE CONCRETE CURB PER DETAIL 33/-



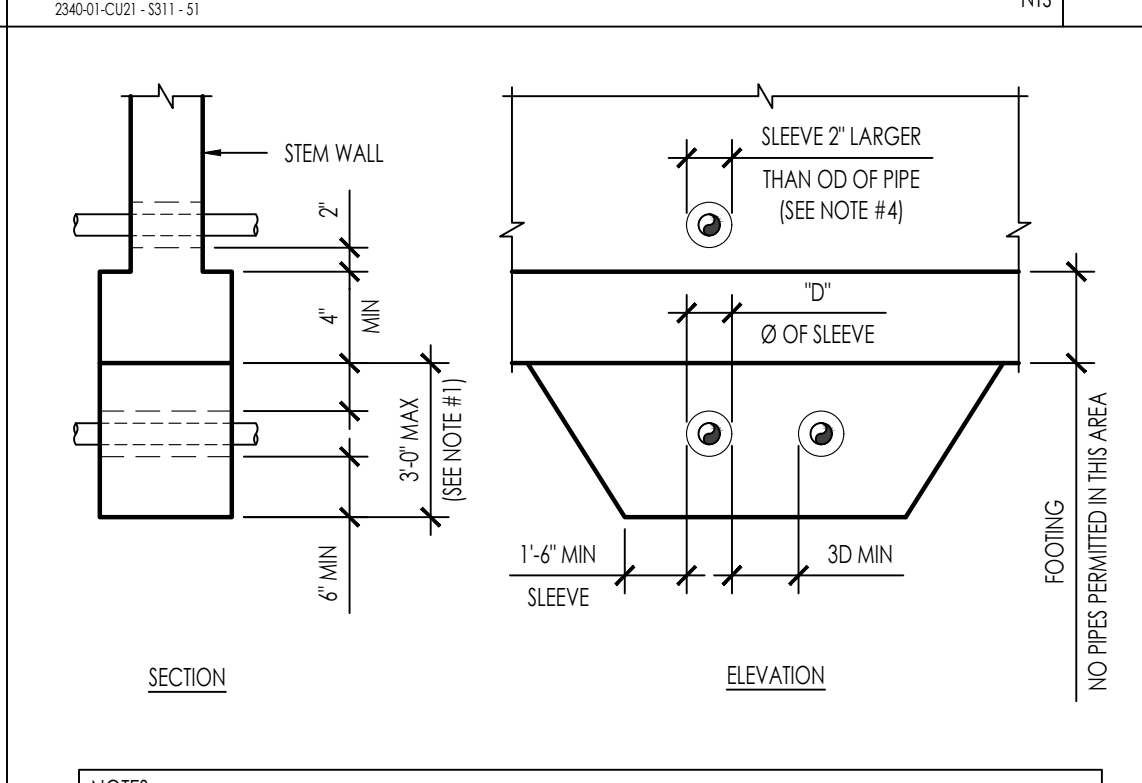
CONTINUOUS WALL FOOTING



1. MIN DISTANCE TO EXPOSED EARTH APPLIES TO BOTH TURNED DOWN AND STEM WALL FOOTINGS
2. CONCRETE OR IMPERVIOUS SURFACE WITH ADEQUATE DRAINAGE AWAY FROM FOUNDATION (2% MIN SLOPE)
3. FOR BALANCE OF FOOTING INFO NOT SHOWN, SEE DETAIL 31/-
4. WHERE MINIMUM DISTANCE TO EXTERIOR FINISHED GRADE OR SURFACE CANNOT BE ACHIEVED, PROVIDE CONCRETE CURB PER DETAIL 33/-

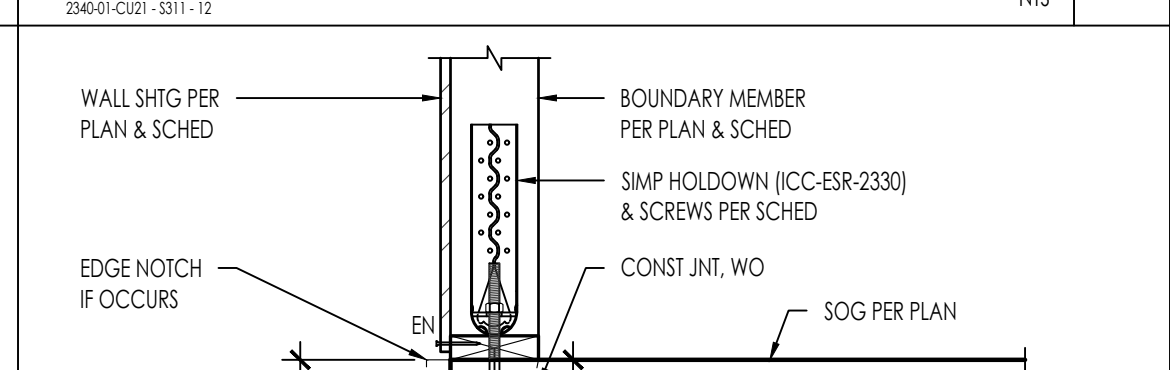


PIPES PARALLEL TO FOOTINGS



1. FOOTINGS SHALL BE STEPPED PER DETAIL 33/ & 34/S-301 SO THAT THIS DIMENSION DOES NOT EXCEED 3'-0\"/>

SB ANCHOR & HOLDOWN @ FOUNDATION

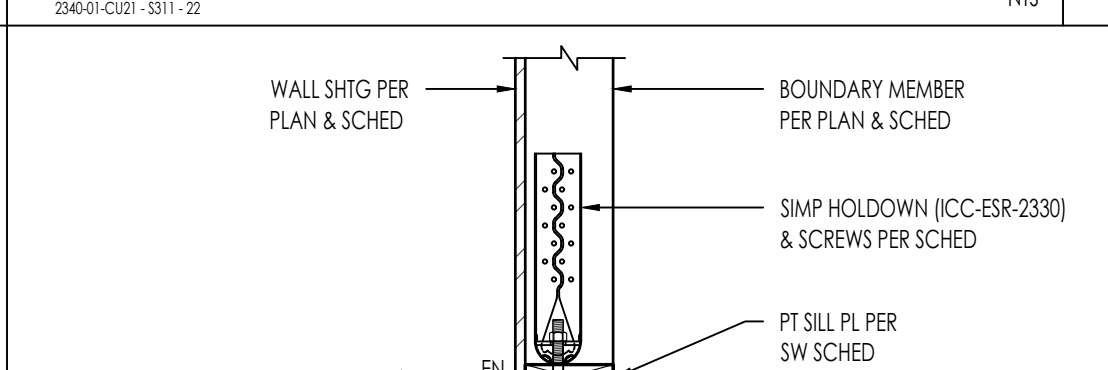


SB ANCHOR & HOLDOWN @ FOUNDATION

TYPE	HOLDOWN	ANCHOR	DIA (IN)	FASTENERS	MIN MEMBER THICKNESS (IN)	MIN EMBED 1/4\"/>
7A	HDU5-SDS2.5	SB 3/8\"/>				
7B	HDQ8-SD3	SB 3/8\"/>				
7C	HDU14-SDS2.5	SB 1\"/>				

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 32/5-301

SB ANCHOR & HOLDOWN @ STEM WALL

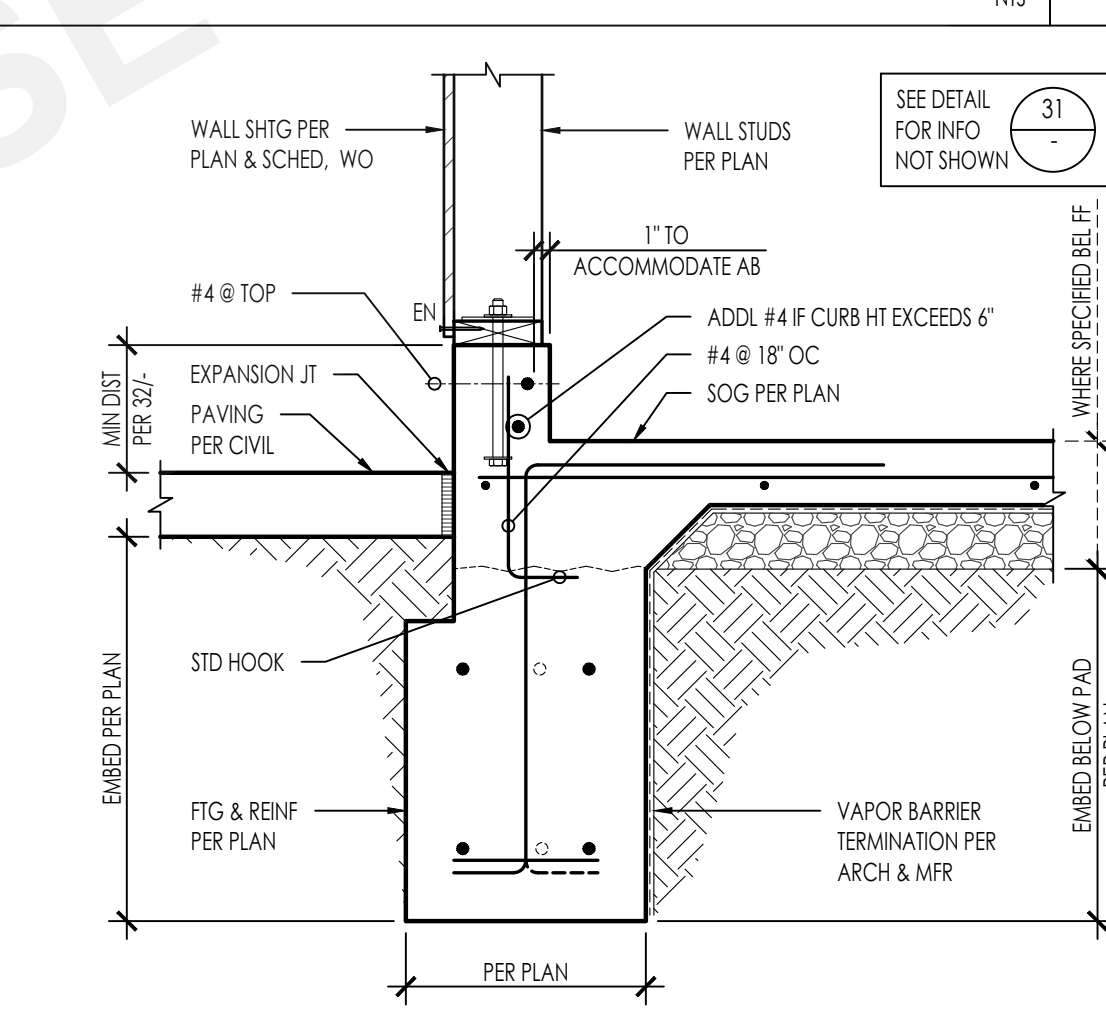


SB ANCHOR & HOLDOWN @ STEM WALL

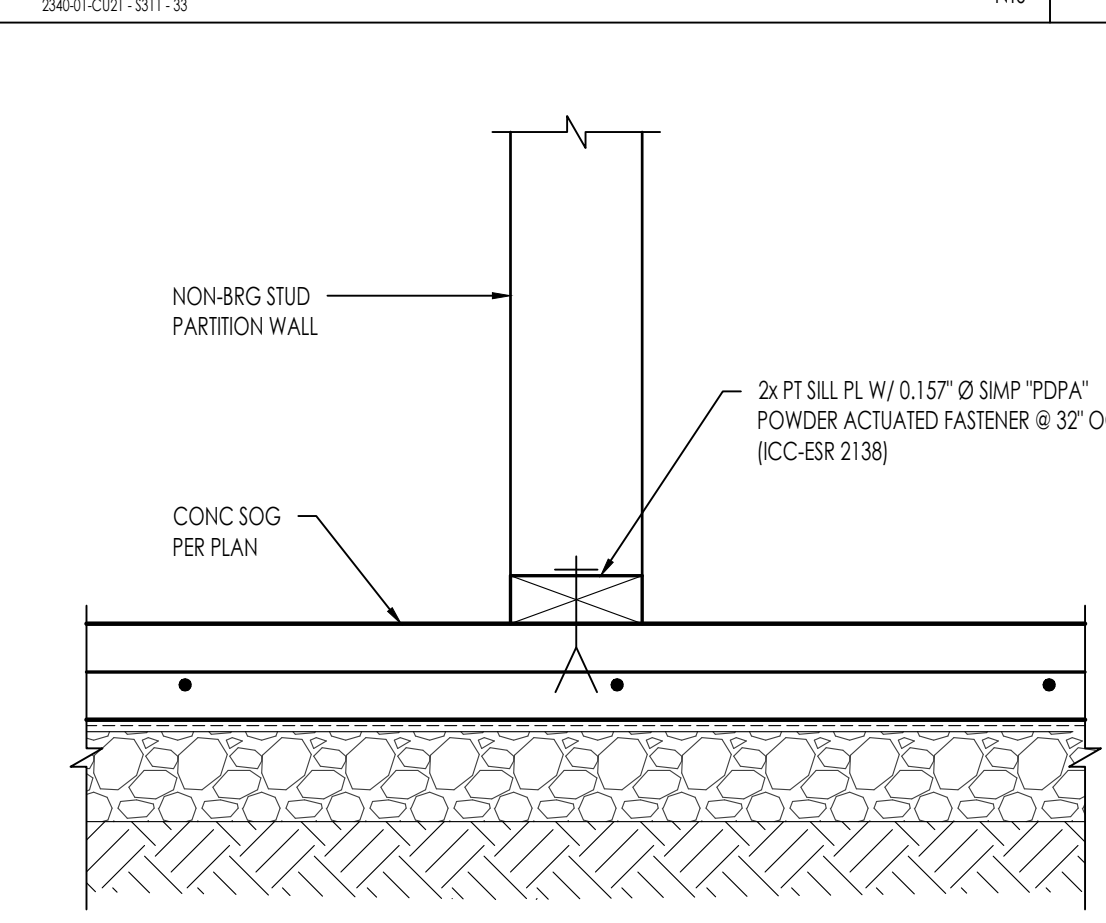
TYPE	HOLDOWN	ANCHOR	MIN STEM WALL WIDTH 1/4\"/>
7A	HDU5-SDS2.5	SB 3/8\"/>	
7B	HDQ8-SD3	SB 3/8\"/>	
7C	HDU14-SDS2.5	SB 1\"/>	

1. MINIMUM EDGE DISTANCE IS SHOWN ABOVE. ANCHOR LOCATIONS PER PLAN
2. MINIMUM ANCHOR TO ANCHOR SPACING IS 3L
3. * = CAPACITY LIMITED BY HOLDOWN

EXTERIOR CONTINUOUS WALL FTG W/ CURB

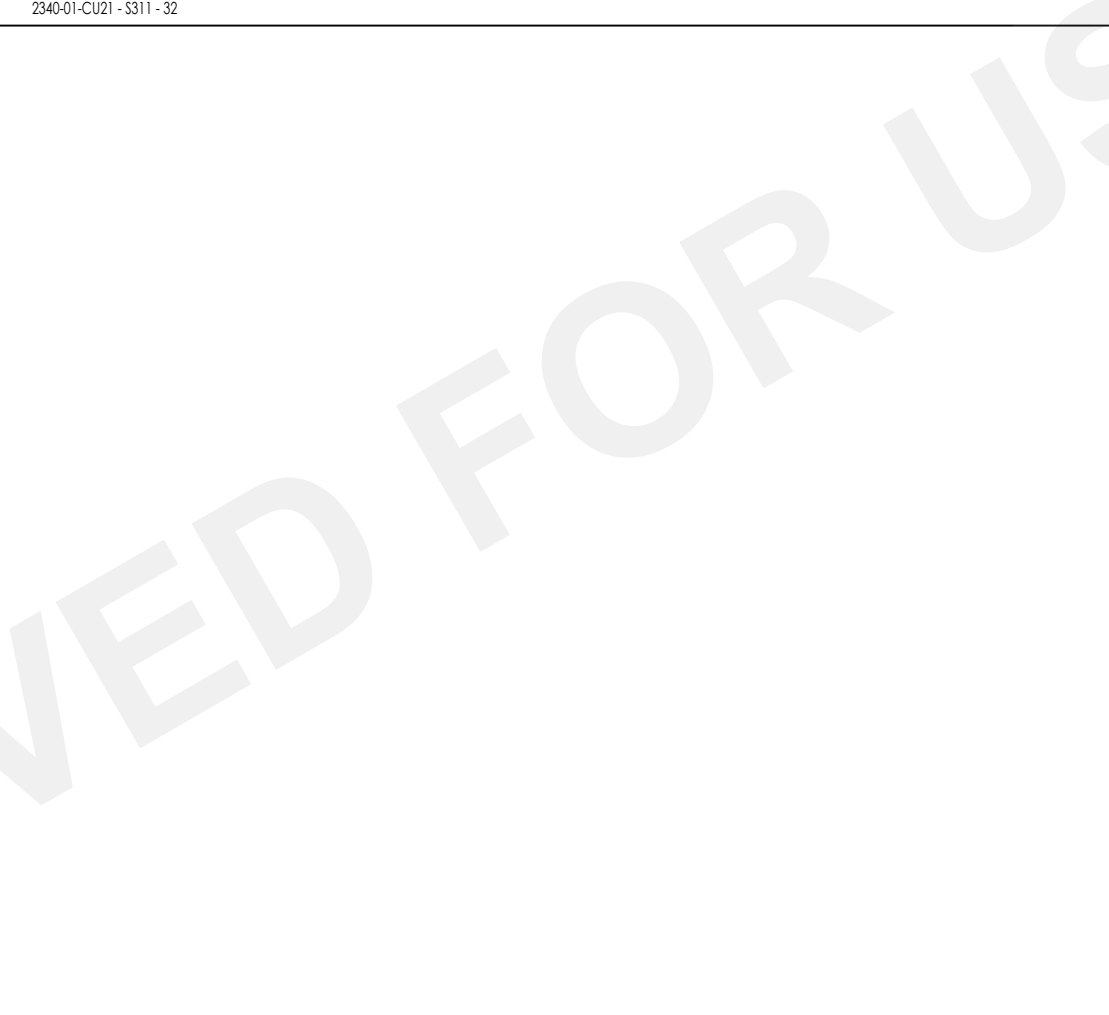


EXTERIOR CONTINUOUS WALL FTG W/ CURB



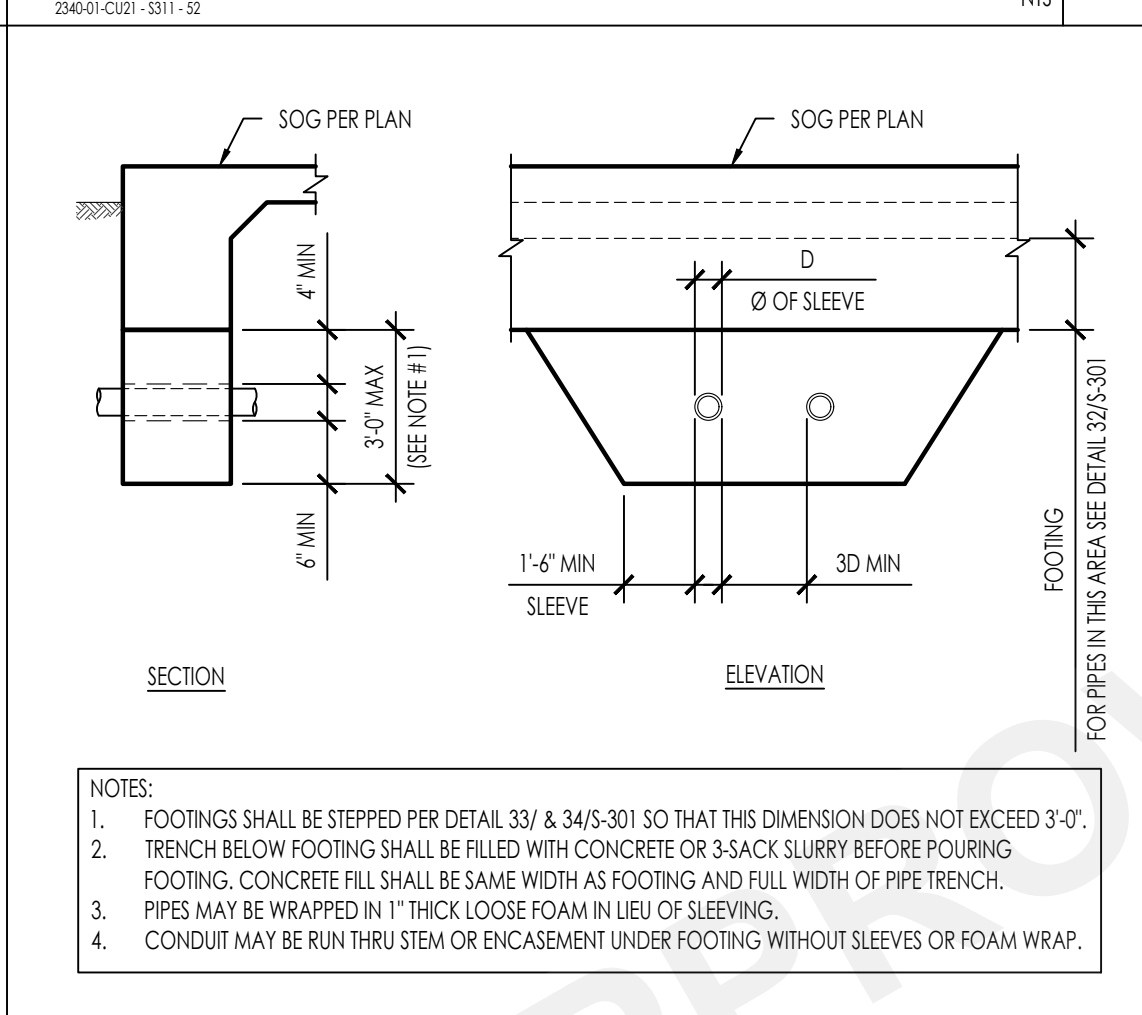
NON-BEARING WALL ANCHORAGE @ SOG

MINIMUM DISTANCE FROM GRADE TO WOOD FRAMING

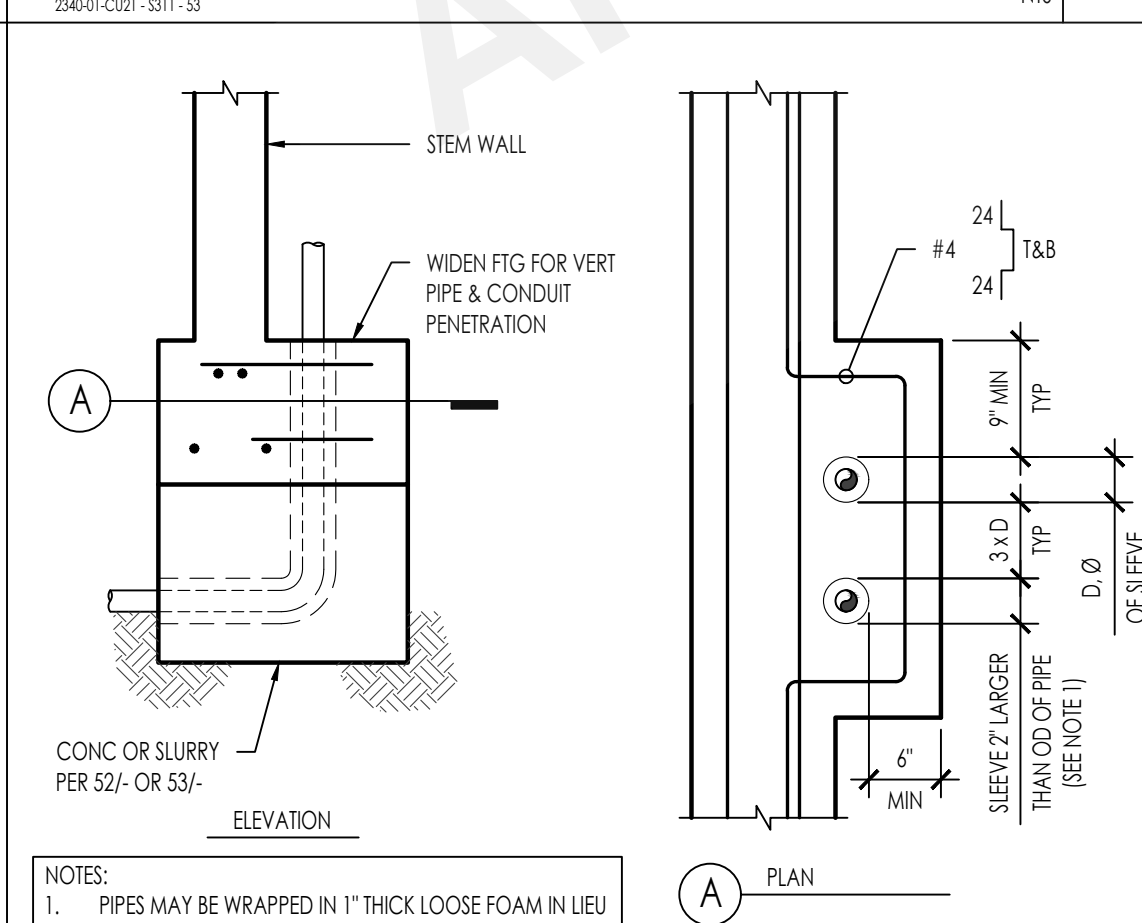


MINIMUM DISTANCE FROM GRADE TO WOOD FRAMING

PIPES PERPENDICULAR TO FOOTINGS W/ STEM WALL



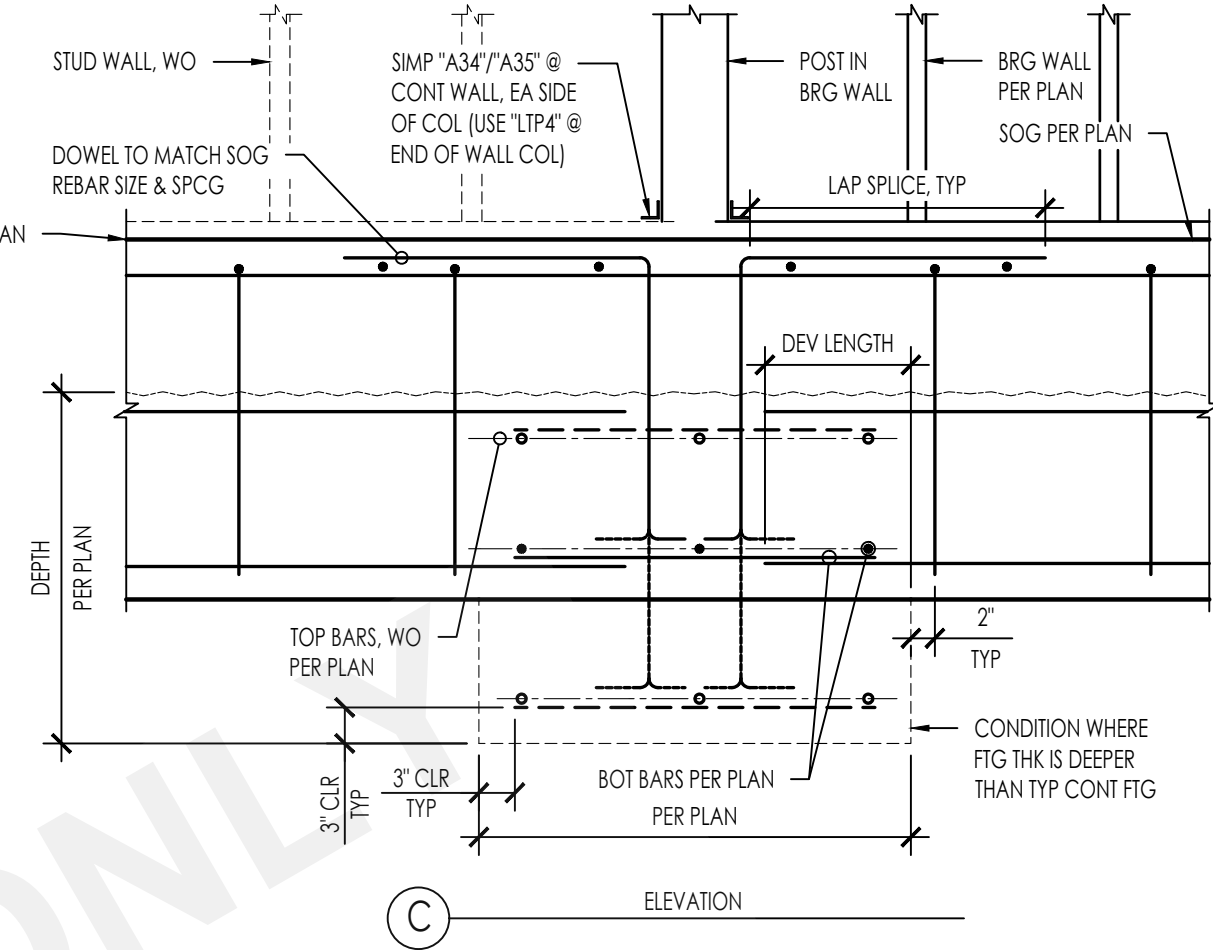
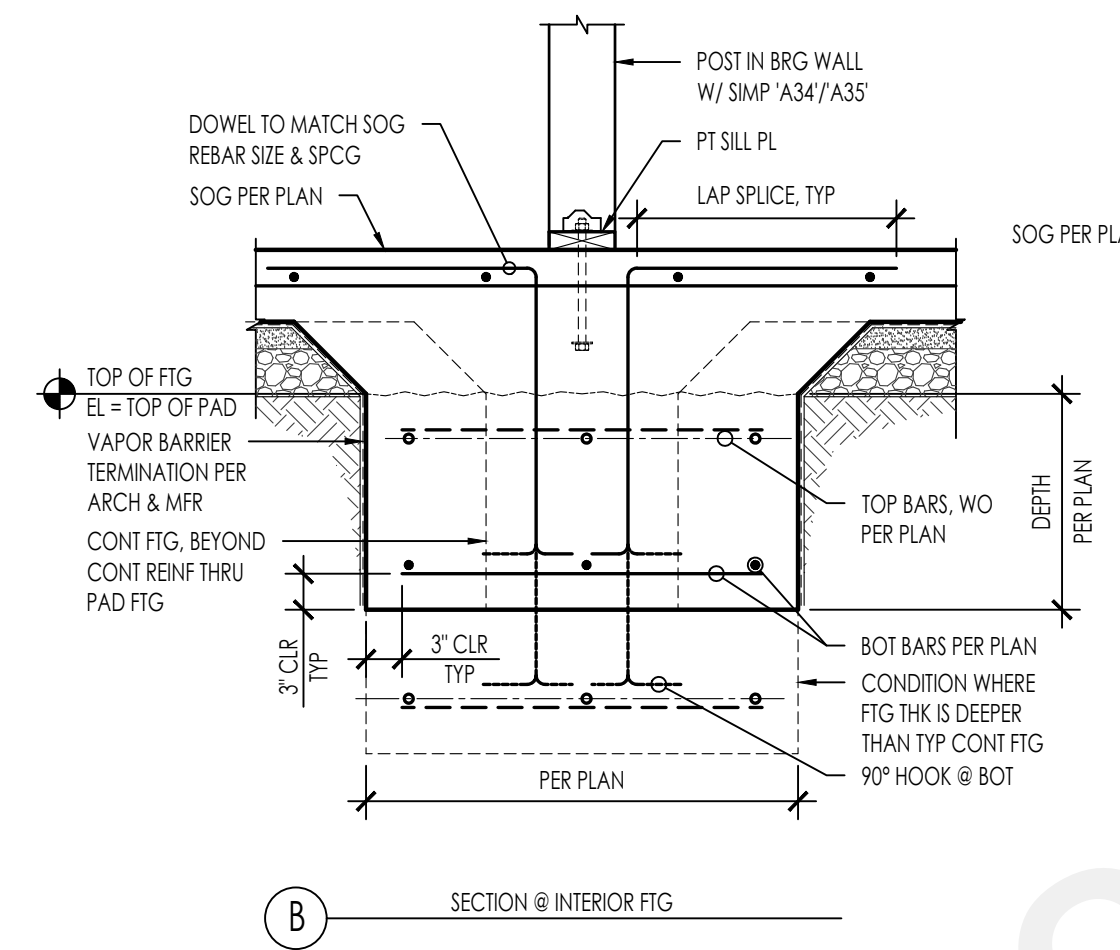
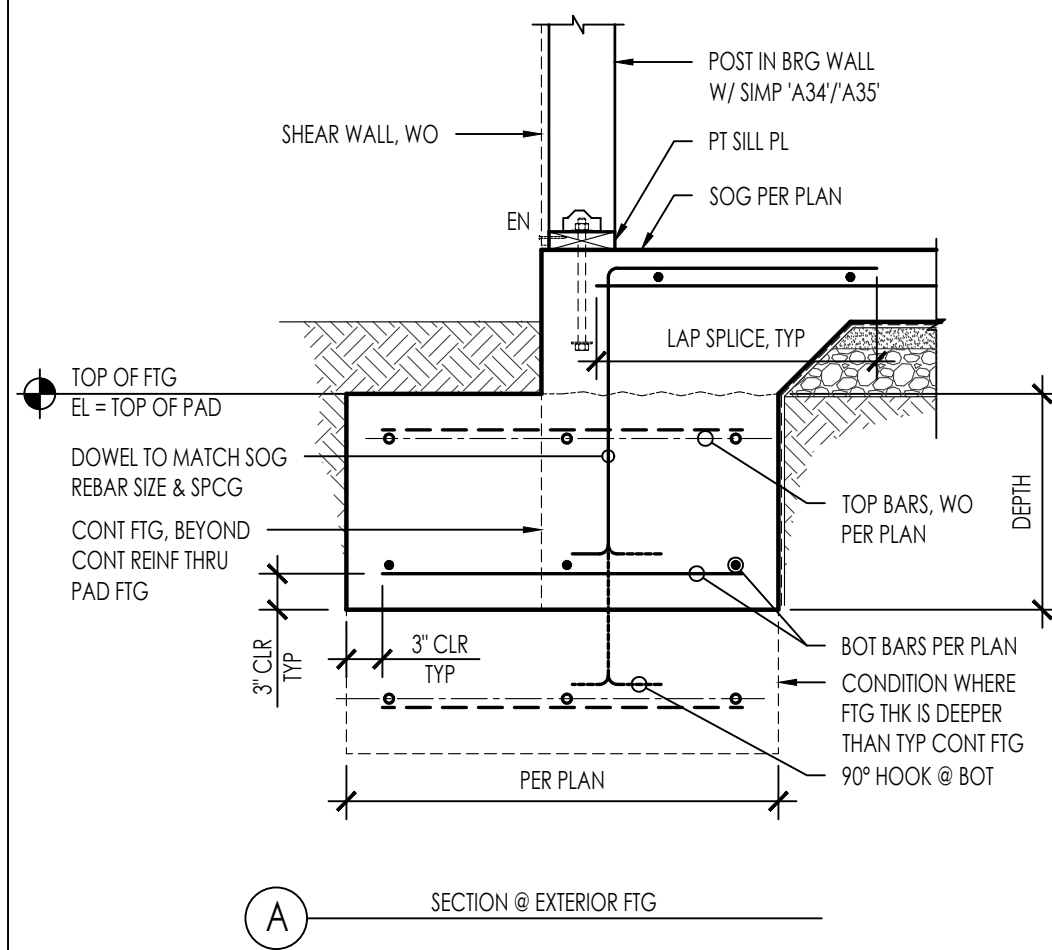
PIPES PERPENDICULAR TO FOOTINGS



TYPICAL VERT PIPES OR COND THROUGH FOOTING

TYPICAL VERT PIPES OR COND THROUGH FOOTING

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51

41

SPREAD FOOTING @ BEARING WALL POST

23401-C101 - S312 - 11

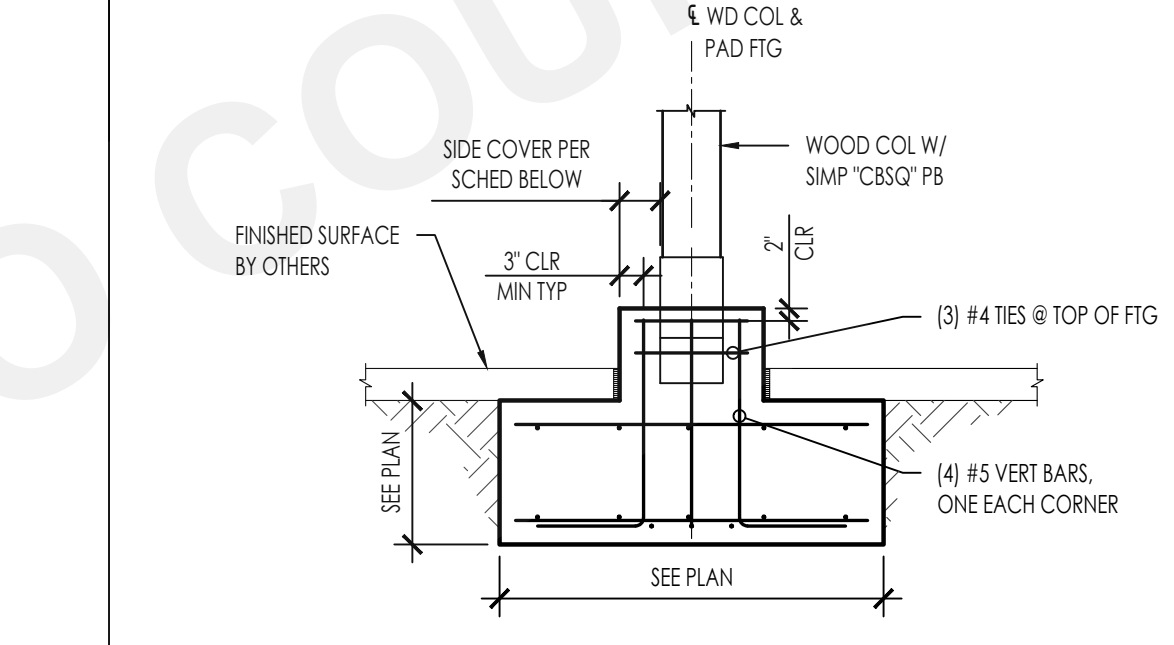
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11

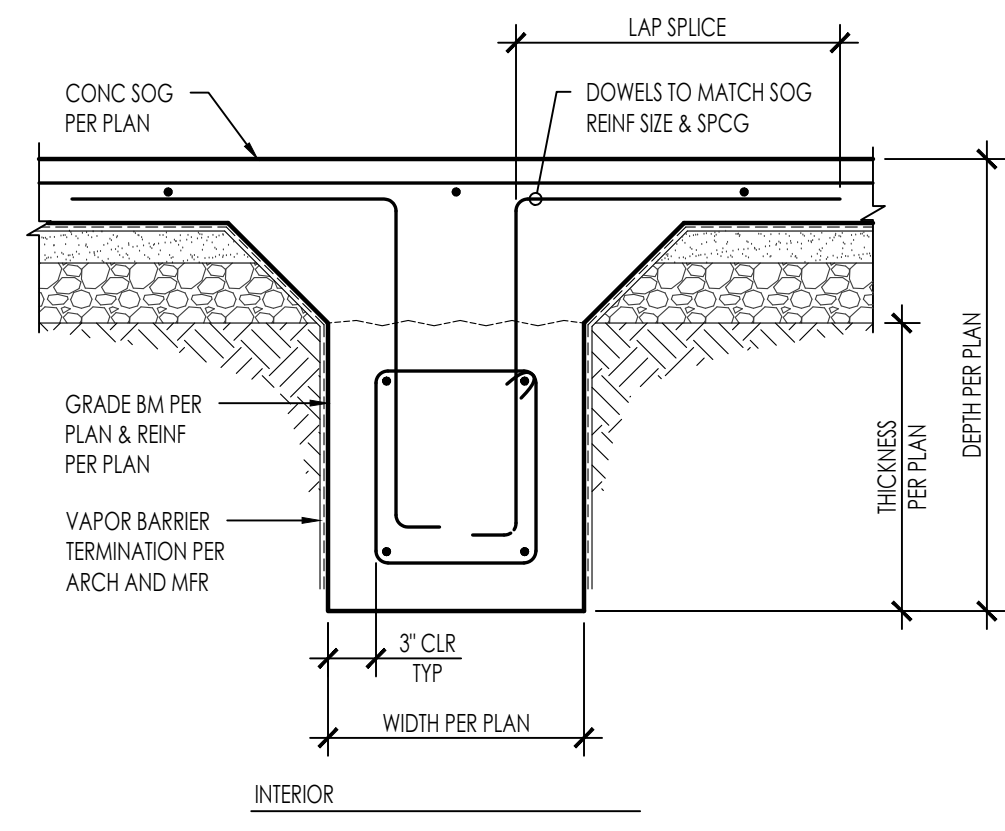
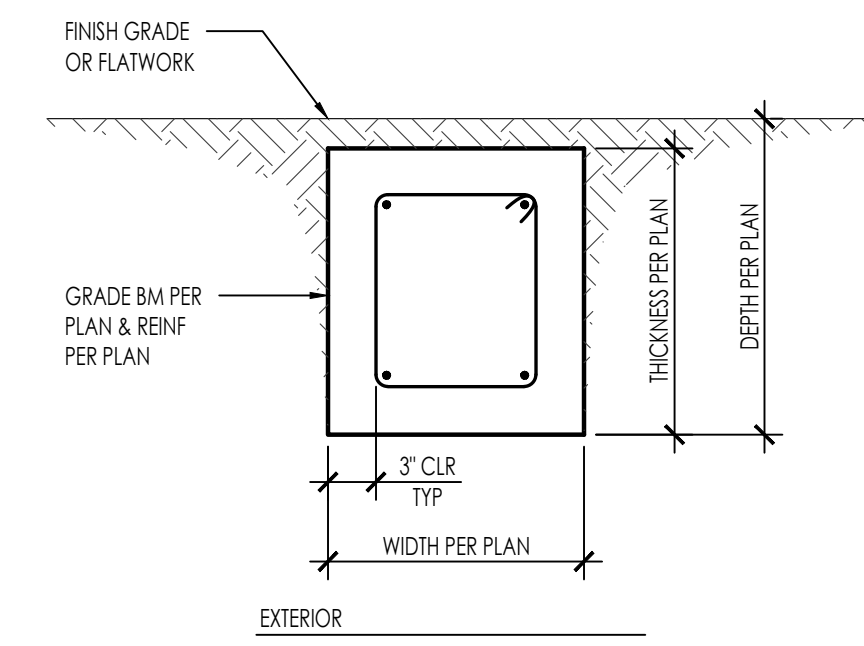
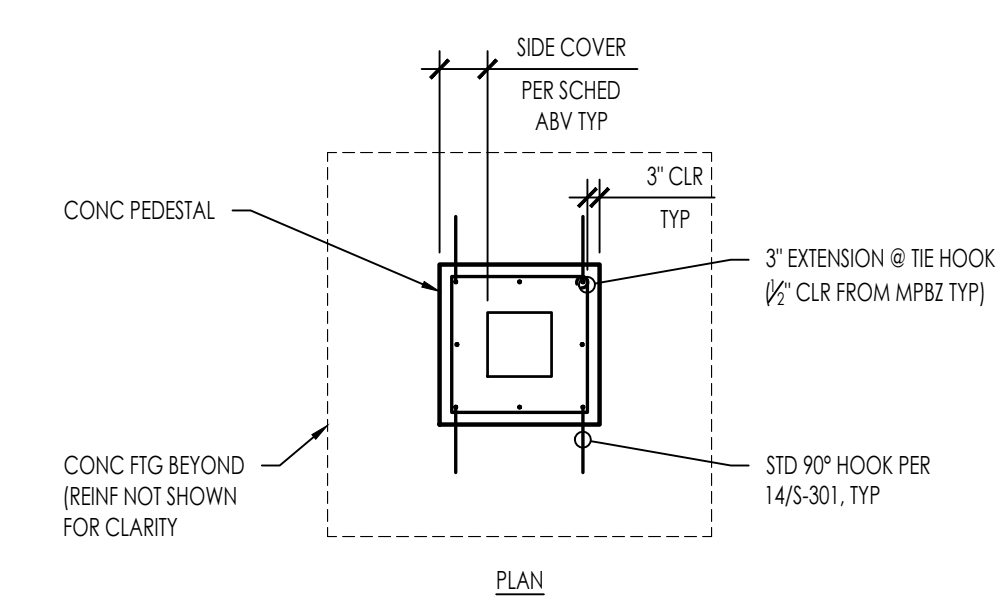
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52

42



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



53

43

PORCH PAD FOOTING

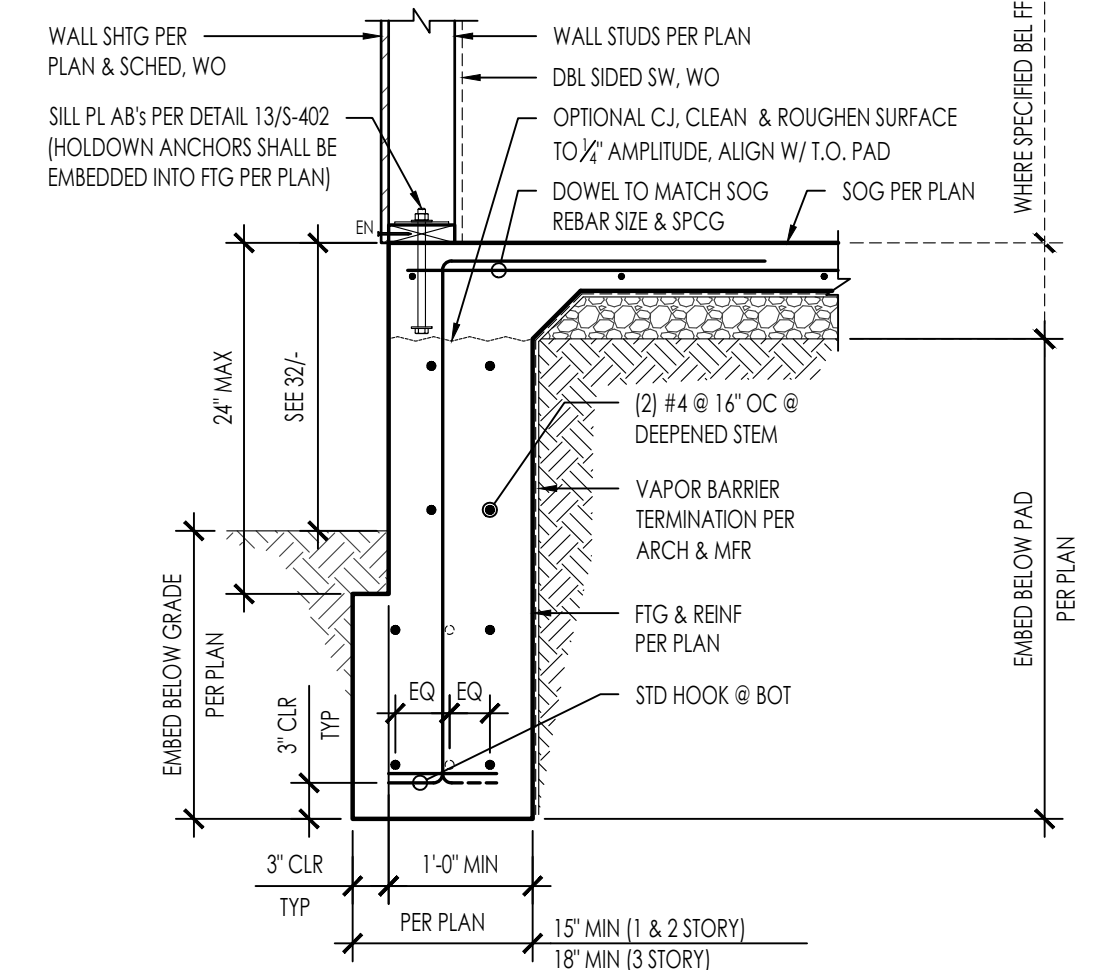
23401-C101 - S312 - 14

23

GRADE BEAM

23401-C101 - S312 - 13

13



54

44

24

DEEPEND EXTERIOR FOOTING

23401-C101 - S312 - 14

3/4" = 1'-0"

14

MONO COUNTY ADU PROTOTYPES
MONO COUNTY
CONCRETE DETAILS

DATE
NOVEMBER 20, 2023
SHEET

S-312

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MONO COUNTY ADU
PROTOTYPES
MONO COUNTY
CONCRETE DETAILS

DATE
NOVEMBER 20, 2023
SHEET

S-313

51	41	<p>DROPPED BEAM @ PERP JOIST 234601-C121 - 5313 - 31 1" = 1'-0"</p>	<p>MIN DISTANCE FROM GRADE TO WOOD FRAMING 234601-C121 - 5313 - 22 1" = 1'-0"</p>	<p>CONC WALL FOUNDATION 234601-C121 - 5313 - 12 3/4" = 1'-0"</p>
52	42			
54	44			
54	44	<p>CONC WALL FOOTING @ OPENING 234601-C121 - 5313 - 33 NTS</p>	<p>CONC WALL FOUNDATION 234601-C121 - 5313 - 24 3/4" = 1'-0"</p>	<p>CONC WALL FOUNDATION 234601-C121 - 5313 - 14 3/4" = 1'-0"</p>

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APPROVED FOR USE IN MONO COUNTY

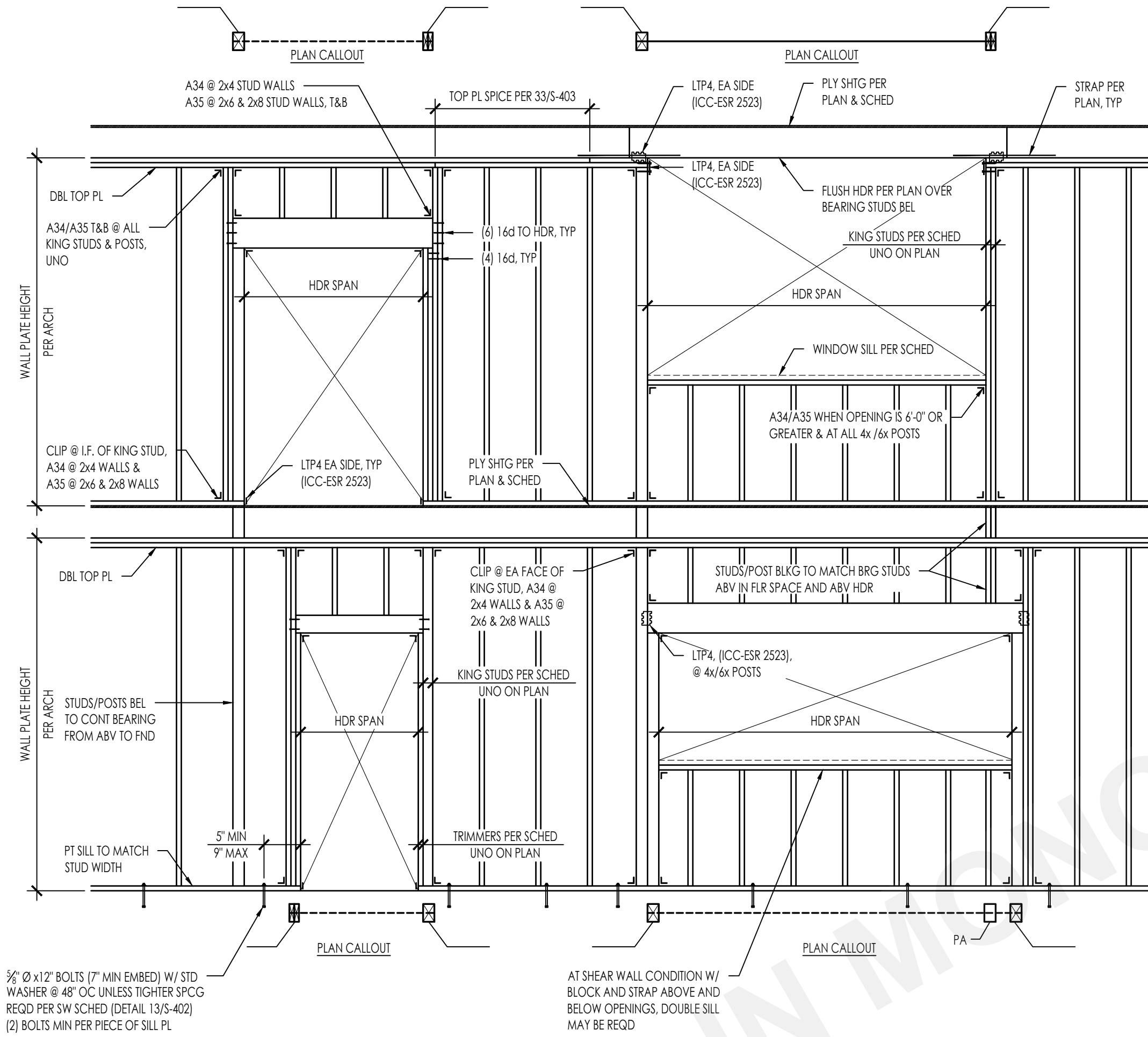
SEE DETAIL FOR INFO NOT SHOWN

12



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BEARING/SHEAR WALL HEADER SCHEDULE					
SHOW LOAD	6 INCH WALLS				
1-STORY	OPENING WIDTH	6x HEADER	SILL AT WINDOW	POST / TRIMMER	KING STUDS
<65 PSF	UP TO 3'-0"	6x4	2x	2x6	2x6
	3'-0" - 4'-0"	6x6	2x	2x6	2x6
	4'-0" - 5'-6"	6x8	(2) 2x	2x6	(2) 2x6
1-STORY	OPENING WIDTH	6x HEADER	SILL AT WINDOW	POST / TRIMMER	KING STUDS
66-80 PSF	UP TO 3'-0"	6x6	2x	2x6	2x6
	3'-0" - 4'-0"	6x8	2x	2x6	2x6
	4'-0" - 5'-6"	6x8	(2) 2x	(2) 2x6	(2) 2x6
1-STORY	OPENING WIDTH	6x HEADER	SILL AT WINDOW	POST / TRIMMER	KING STUDS
81-120 PSF	UP TO 3'-0"	6x6	2x	2x6	2x6
	3'-0" - 4'-0"	6x10	2x	2x6	2x6
	4'-0" - 5'-6"	6x12	(2) 2x	(2) 2x6	(2) 2x6
1-STORY	OPENING WIDTH	6x HEADER	SILL AT WINDOW	POST / TRIMMER	KING STUDS
220-235 PSF	UP TO 3'-0"	6x6	2x	(2) 2x6	2x6
	3'-0" - 4'-0"	6x10	2x	(2) 2x6	2x6
	4'-0" - 5'-6"	6x12	(2) 2x	4x6	(2) 2x6



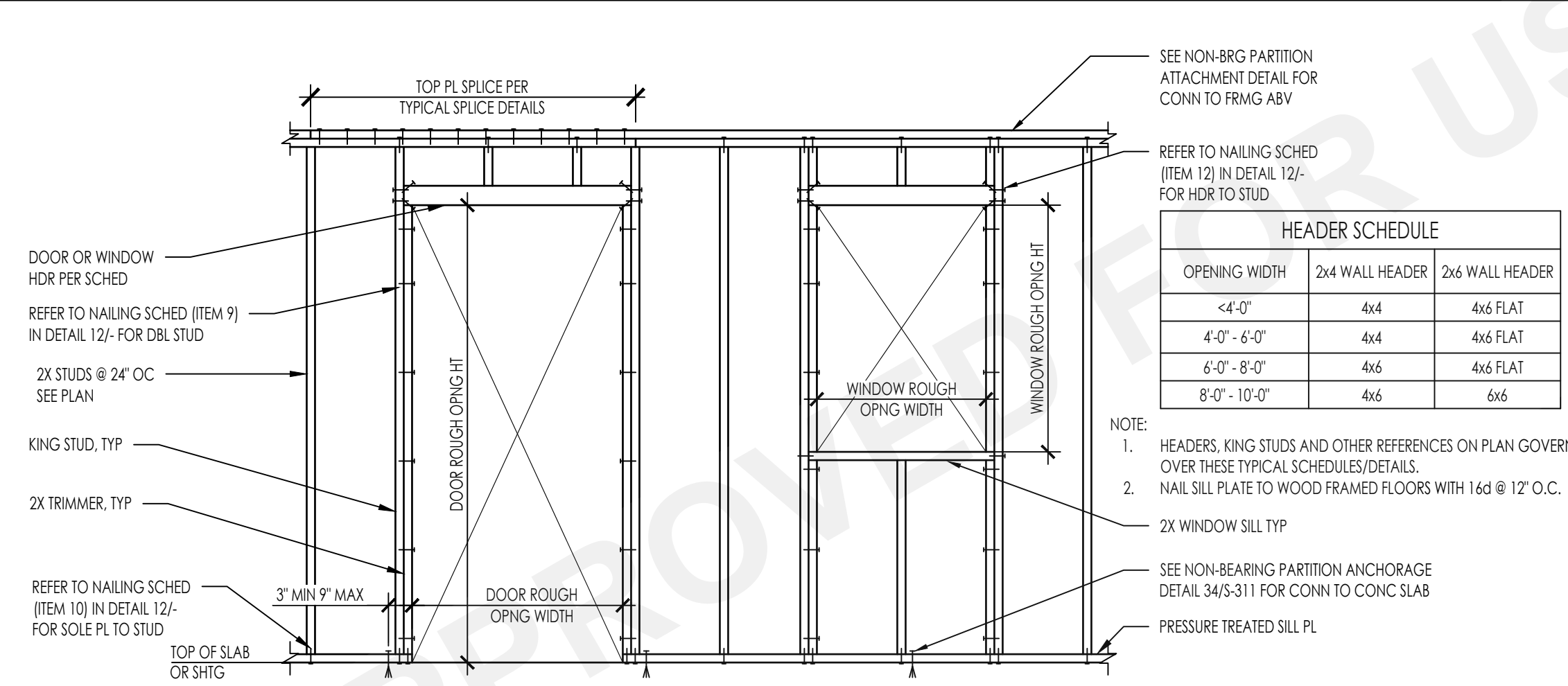
- NOTES:
- THIS DETAIL APPLIES AT ALL EXT WALLS AND INT LOAD BEARING WALLS AND ALSO APPLIES TO SHEAR WALL FRAMING.
 - A. FOR SHEAR WALLS SEE 34/5-402 FOR ADD'L REQUIREMENTS.
 - B. FOR INTERIOR NON-BEARING PARTITIONS SEE DETAIL 43/.
 - HEADERS, KING STUDS AND OTHER REFERENCES ON PLAN GOVERN OVER THIS TYPICAL SCHED/DETAILS.
 - PROVIDE A34 @ 4" WALLS & A35 @ 6" OR GREATER WALLS (ICC-ESR 2353).

FASTENING SCHEDULE PER 2019 CBC 2304.10.1		
CONNECTION	FASTENING	LOCATION
1. BLOCKING BETWEEN CEILING JOISTS, RAFTERS OR TRUSSES TO TOP PLATE OR OTHER FRAMING BELOW	3-8d COMMON	EACH END, TOENAIL
2. BLOCKING BETWEEN RAFTERS OR TRUSSES 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	1/6" OC EACH EDGE, FACE NAIL
12. CONTINUOUS HEADER TO STUD	4-10d COMMON	TOENAIL
13. TOP PLATE TO TOP PLATE	1-6d COMMON	1/6" 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 SPlice LENGTH EACH SIDE OF END JOINT)
15. BOTTOM PLATE TO JOIST, RIM JOIST, BAND JOIST OR BLOCKING	2-16d COMMON	1/6" 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
19. RIM JOIST, BAND JOIST, OR BLOCKING TO TOP PLATE, SILL OR OTHER FRAMING BELOW	8d COMMON	TOENAIL
20. RIM JOIST, BAND JOIST, OR BLOCKING TO TOP PLATE, SILL OR OTHER FRAMING BELOW	8d COMMON	6" OC, TOENAIL
21. 1"x6" SUBFLOOR OR LESS TO EACH JOIST	2-8d COMMON	FACE NAIL
22. 2" SUBFLOOR TO JOIST OR GIRDER	2-16d COMMON	FACE NAIL
23. BUILT-UP GIRDER AND BEAMS, 2" LUMBER LAYERS	20d COMMON (4" x 0.192)	3/2" OC FACE NAIL AT TOP AND BOTTOM STAGGERED ON OPPOSITE SIDE
24. LEDGER STRIP SUPPORTING JOIST OR RAFTERS	3-16d COMMON	EACH JOIST OR RAFTER, FACE NAIL
25. JOIST TO BAND JOIST OR RIM JOIST	3-16d COMMON	END NAIL
27. BRIDGING OR BLOCKING TO JOIST, RAFTER OR TRUSS	2-8d COMMON	EACH END, TOENAIL

- NOTES:
- 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.
 - 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

2340-01-C121-1461-12

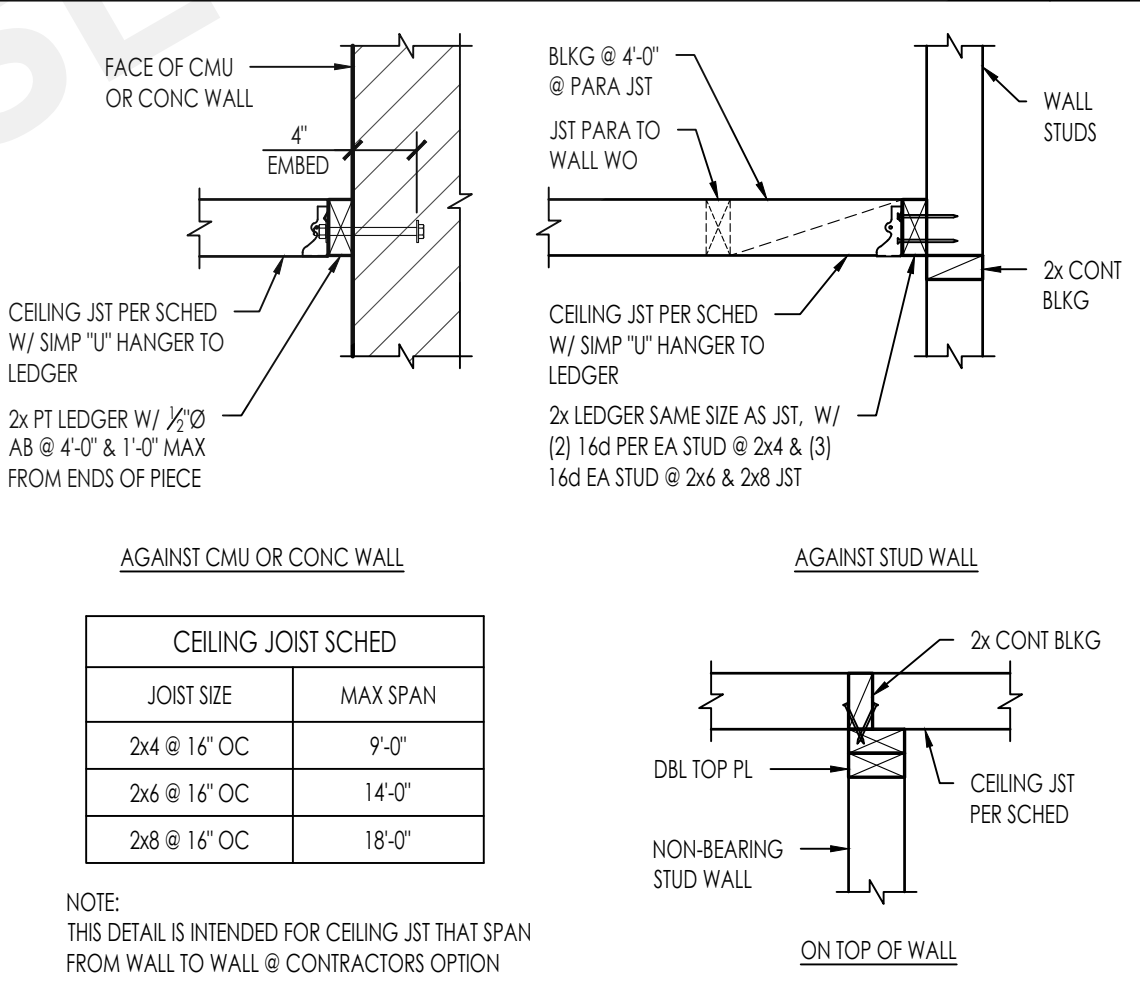


HEADER SCHEDULE		
OPENING WIDTH	2x4 WALL HEADER	2x6 WALL HEADER
<4'-0"	4x4	4x6 FLAT
4'-0" - 6'-0"	4x4	4x6 FLAT
6'-0" - 8'-0"	4x6	4x6 FLAT
8'-0" - 10'-0"	4x6	6x6

- NOTE:
- HEADERS, KING STUDS AND OTHER REFERENCES ON PLAN GOVERN OVER THESE TYPICAL SCHEDULES/DETAILS.
 - NAIL SILL PLATE TO WOOD FRAMED FLOORS WITH 1-6d @ 12" O.C.

INTERIOR NON-BEARING PARTITION WALL FRAMING

2340-01-C121-1461-13



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

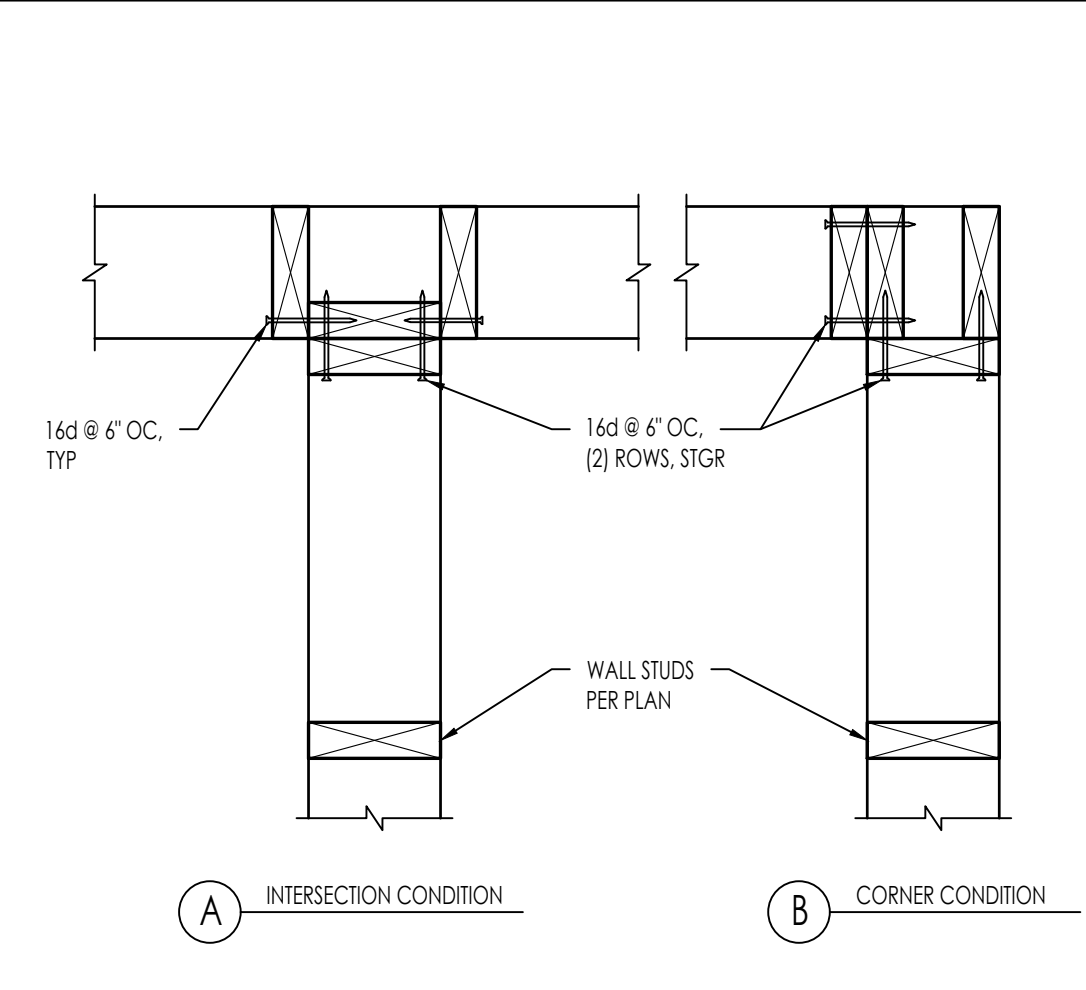
NOTE: THIS DETAIL IS INTENDED FOR CEILING JST THAT SPAN FROM WALL TO WALL @ CONTRACTORS OPTION

CEILING JOIST SCHED & DETAILS

2340-01-C121-1461-13

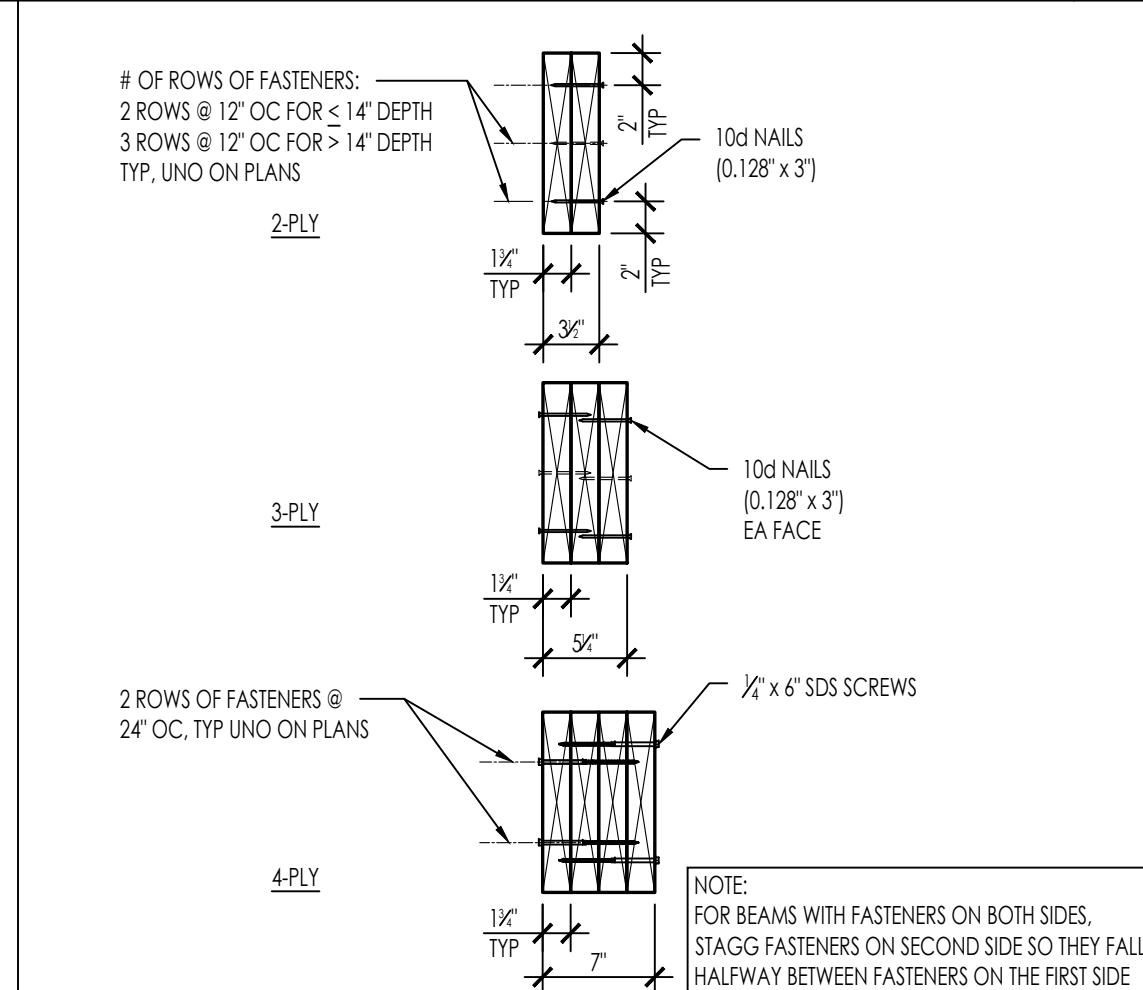
NAILING SCHEDULE

2340-01-C121-1461-12



TYPICAL WOOD STUD INTERSECTIONS

2340-01-C121-1461-13



MULTI-PLY MEMBER CONNECTION

2340-01-C121-1461-13

LEDGER DETAIL

2340-01-C121-1461-14



ANCHOR BOLT AT WOOD STUD

2340-01-C121-1461-14

INTERIOR NON-BEARING PARTITION WALL FRAMING

2340-01-C121-1461-13

EXTERIOR WALL / INTERIOR WALL BEARING WALL FRAMING

2340-01-C121-1461-12

CEILING JOIST SCHED & DETAILS

2340-01-C121-1461-13

TYPICAL WOOD STUD INTERSECTIONS

2340-01-C121-1461-13

MONO COUNTY ADU PROTOTYPES MONO COUNTY TYPICAL WOOD DETAILS

DATE
NOVEMBER 20, 2023
SHEET

S-401

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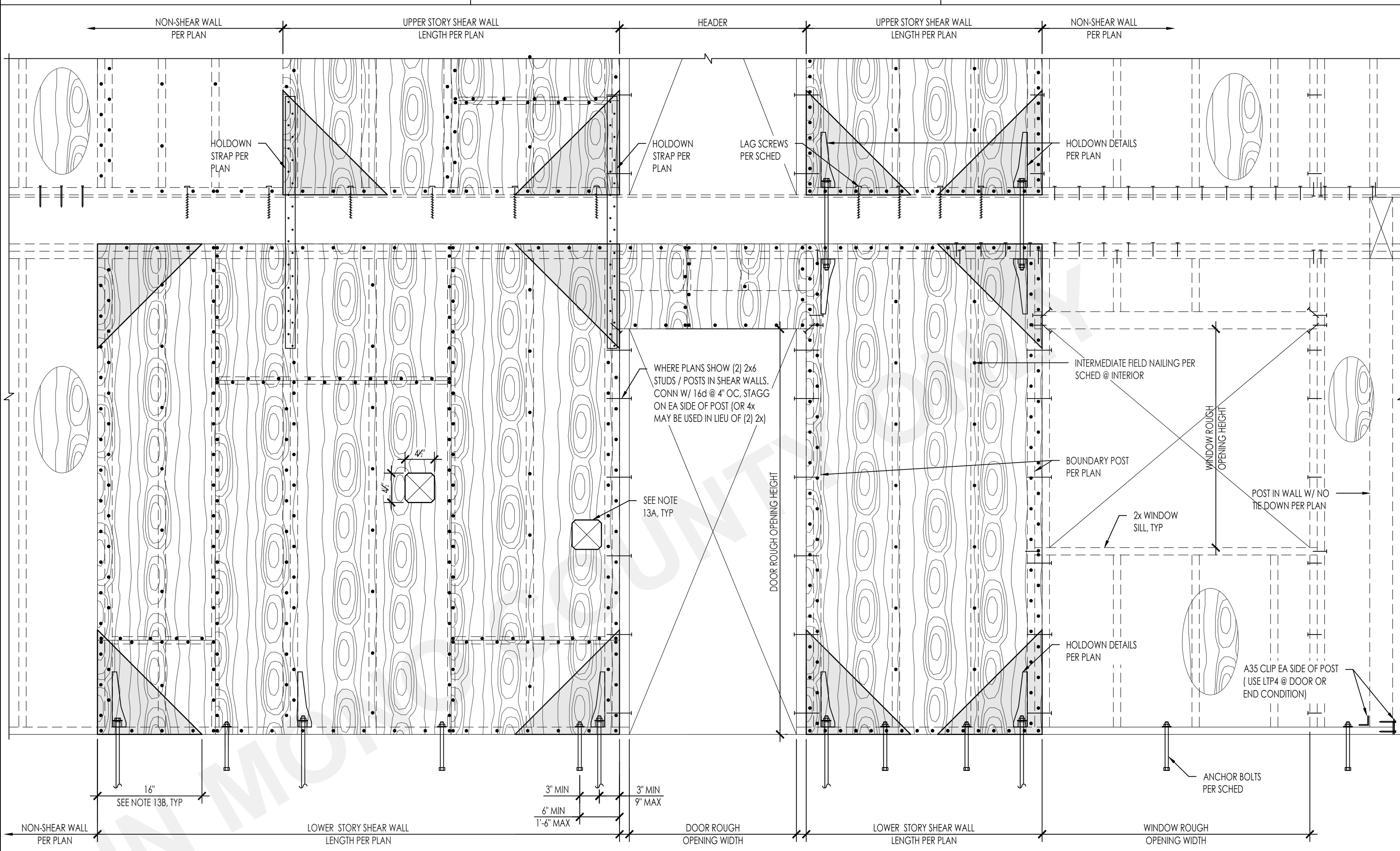


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MONO COUNTY ADU PROTOTYPES MONO COUNTY TYPICAL WOOD DETAILS

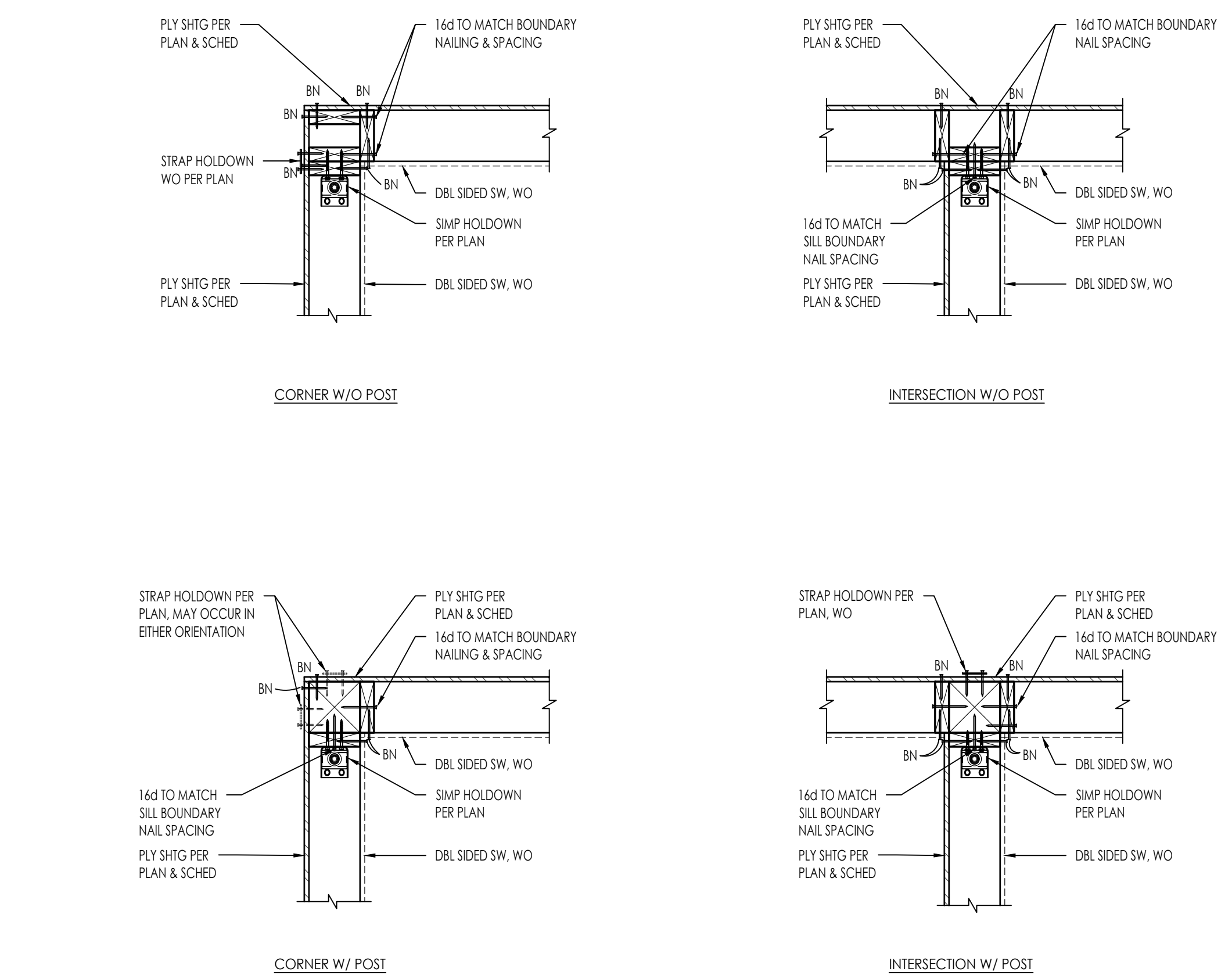
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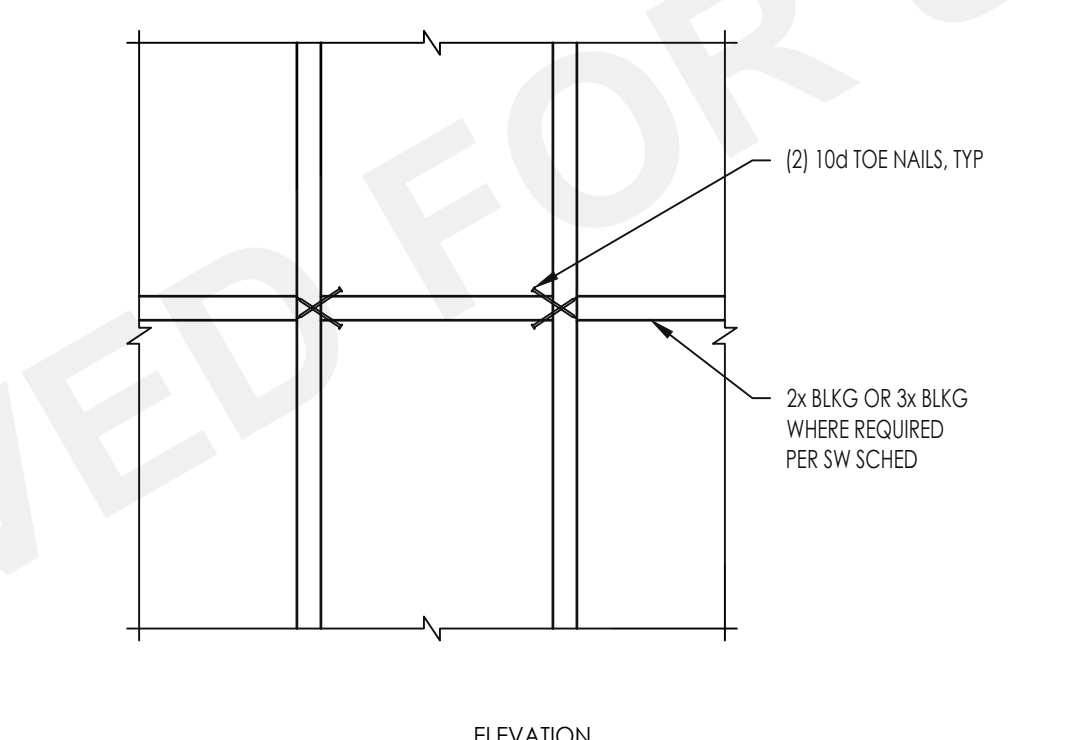
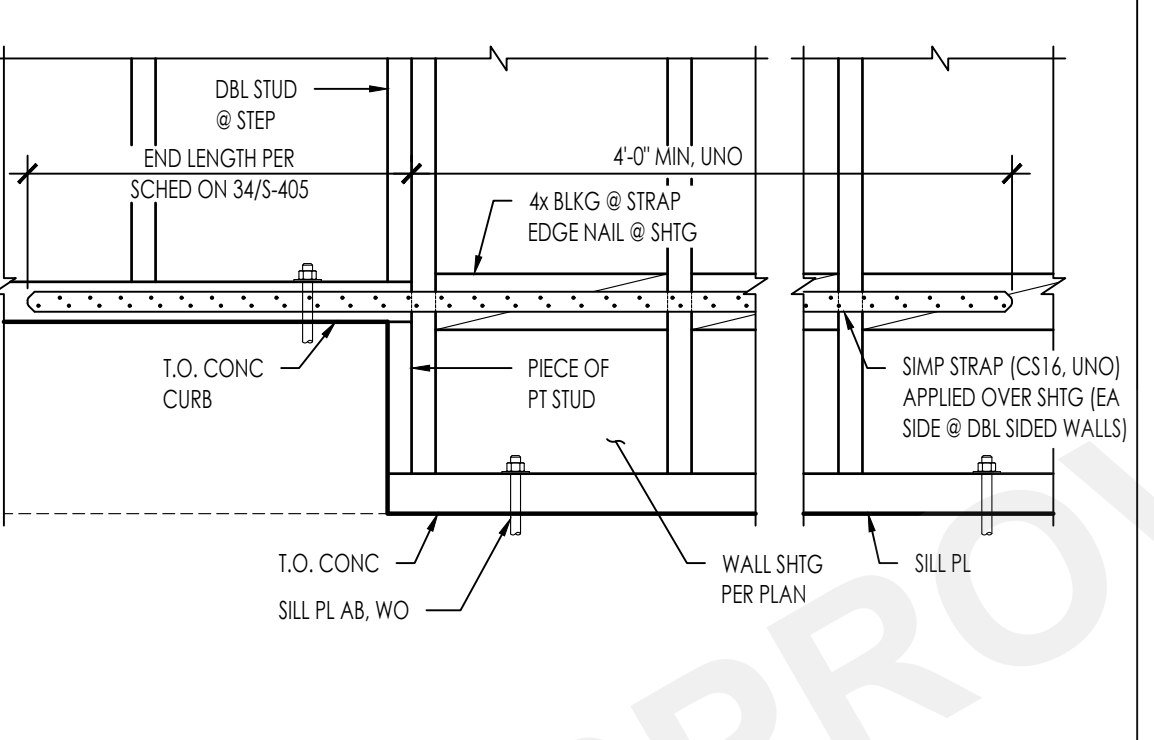


- NOTES:
- ALL PLYWOOD SHALL BE 5 PLY MINIMUM WITH A SPAN RATING OF 32/16 AND ALL PANEL EDGES SHALL BE BLOCKED. PROVIDE 1/8" GAP AT ALL PANEL JOINTS.
 - 8d NAIL DEFINED AS 0.131" DIAMETER SHANK x 2 1/2" LONG x 0.281" DIAMETER HEAD. 10d NAIL DEFINED AS 0.148" DIAMETER SHANK x 3" LONG x 0.312" DIAMETER HEAD.
 - PROVIDE E.N. AT ALL END STUDS, STUDS/POSTS WITH HOLD-DOWNS 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 700 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.
 - LENGTHEN 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 1 1/2" OF CORNERS. SQUARE PENETRATIONS SHALL RADIUS EDGES. DO NOT OVER CUT HOLE WITH SAW.
 - ASSUMES A 1 1/4" MIN LSL RIM BOARD. FASTENER EDGE DIST IS 5/8" MIN & 6" END DISTANCE MIN. 2" MIN PENETRATION INTO RIM BOARD.
 - 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.

WALL SYMBOL	STRUCT SHEATHING	1,12	FRAMING SIZE	NAILING			SILL NAILING		7	10, 11
				(2) 2x STUD	EDGE	INTERMEDIATE SUPPORTS	NAILS /LAG SCREWS	SDS SCREWS 14 OPTION		
△	15/32' STRUCT 1 PLYWOOD	2x	10d @ 9" OC	8d @ 6" OC	8d @ 12" OC	16d @ 5" OC	12" OC	24" OC	5/8" DIA @ 48" OC	
△	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	
△	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	
△	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	
△	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	
△	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	
△	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	
△	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	



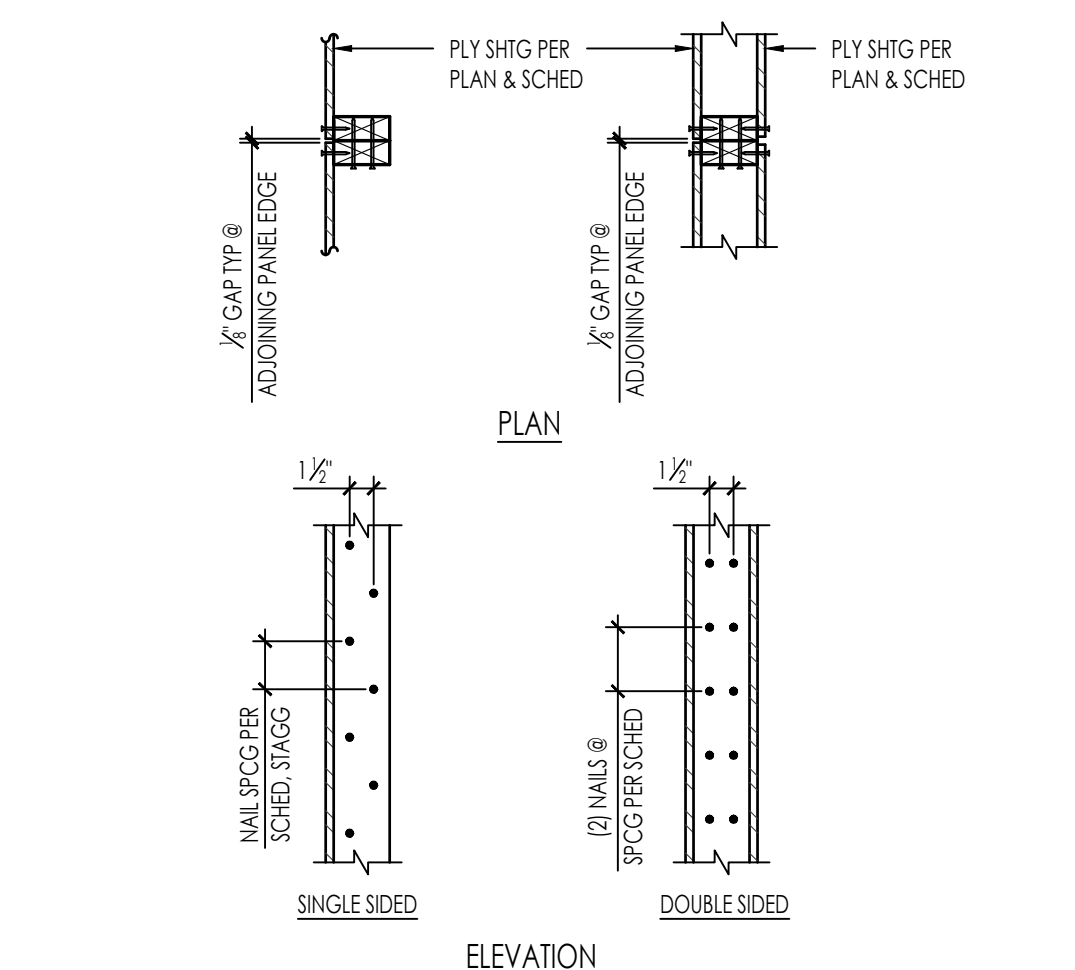
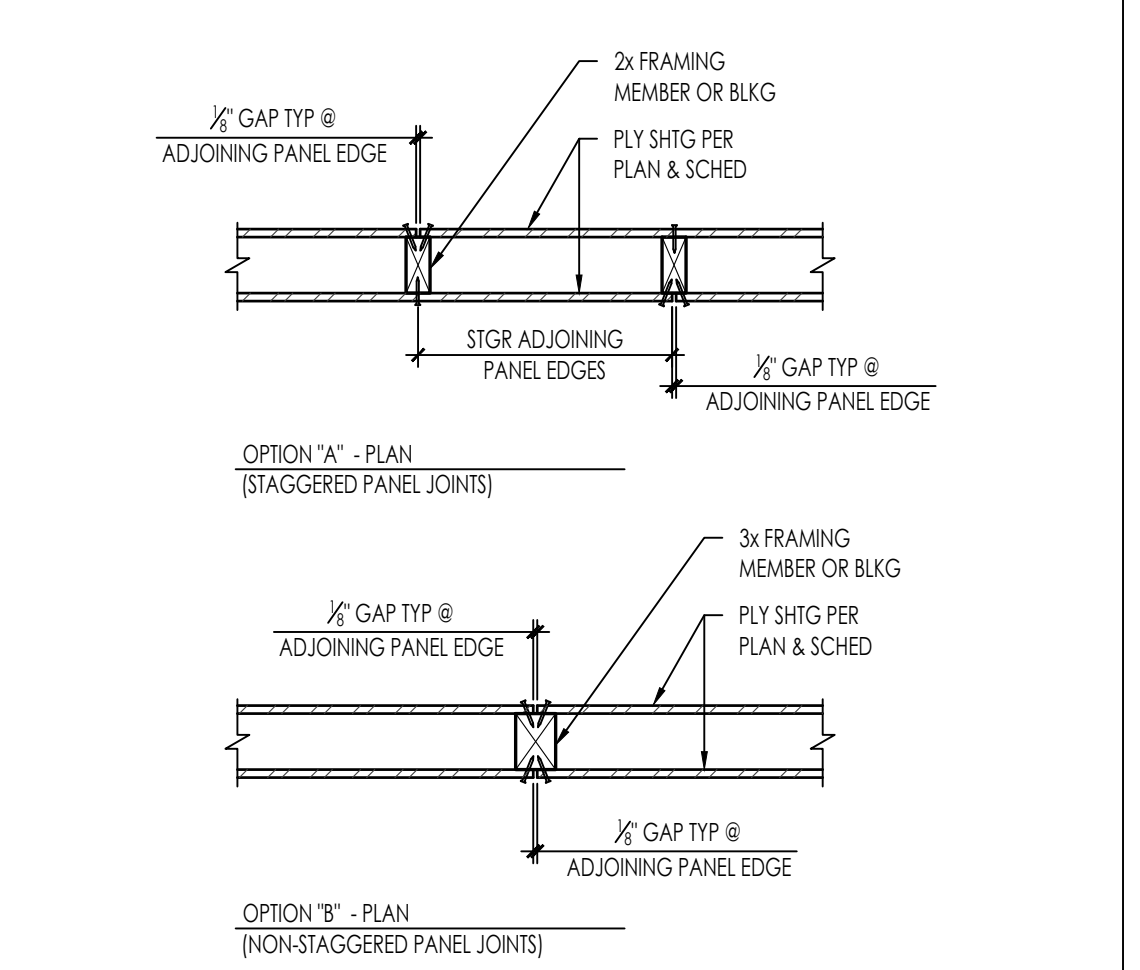
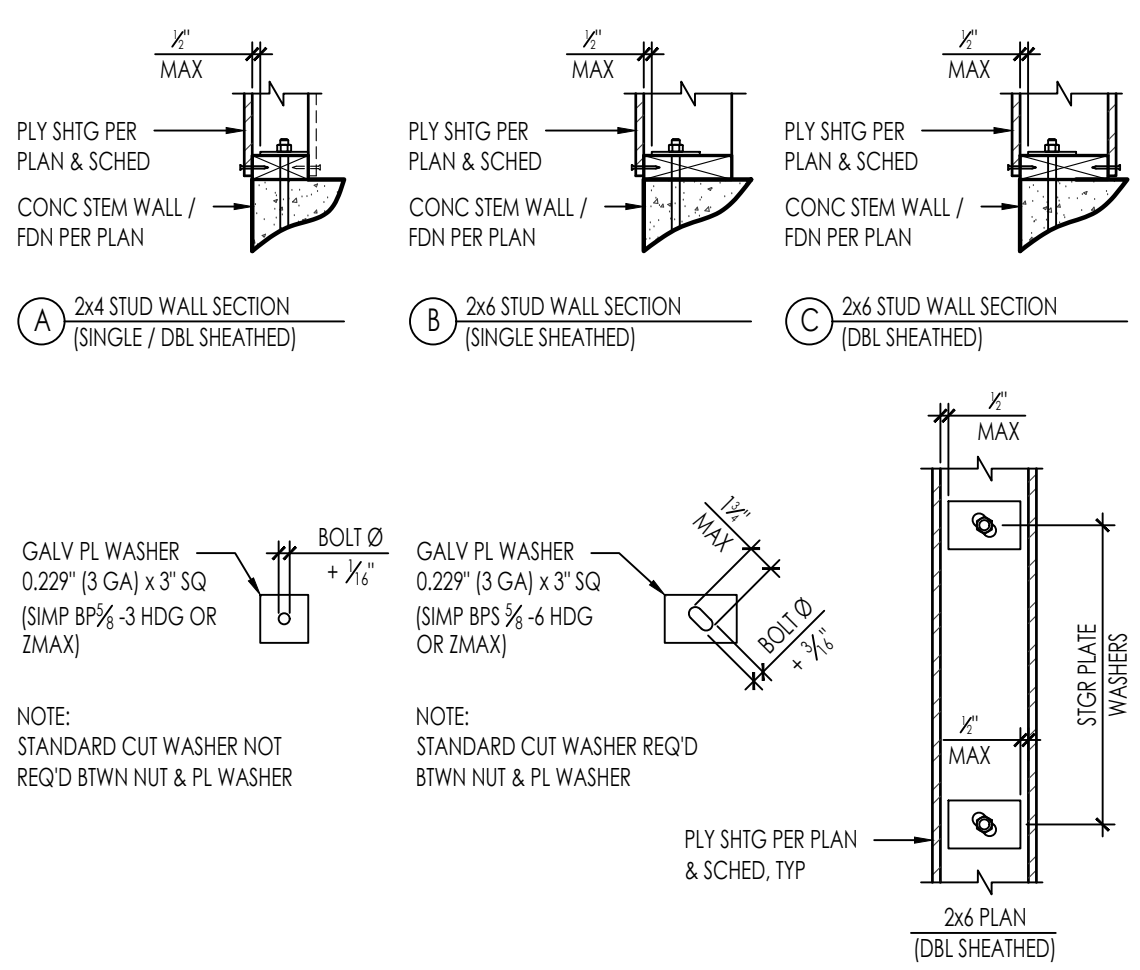
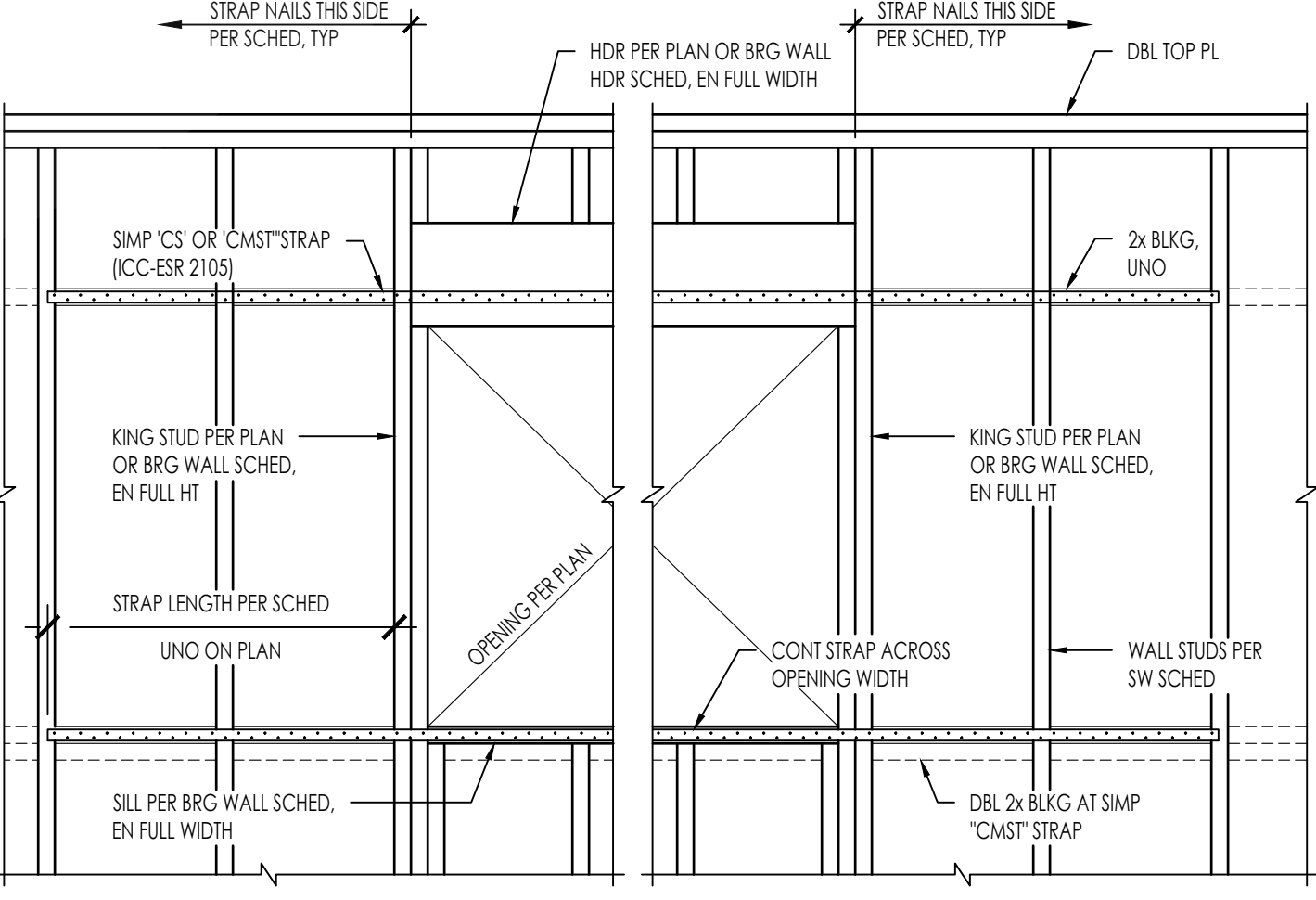
SHEAR WALL INTERSECTION NTS 42



TYPICAL SHEAR WALL ELEVATION AND SCHEDULE NTS 13

MARK	# OF BLKG	SIMPSON STRAP	NAILS EA SIDE OF OPENING	STRAP LENGTH (IN)	ALLOWABLE TENSION LOADS (LBS)
▽	1	CS20	(12) 10d x 2 1/2"	32'	1,030
▽	1	CS16	(20) 10d x 2 1/2"		1,705
▽	1	CS14	(26) 10d x 2 1/2"		2,490
▽	2	CMST16	(50) 10d x 3 1/2"		4,690
▽	2	CMST14	(66) 10d x 2 1/2"		6,475
▽	2	CMST12	(86) 10d x 2 1/2"		9,215

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

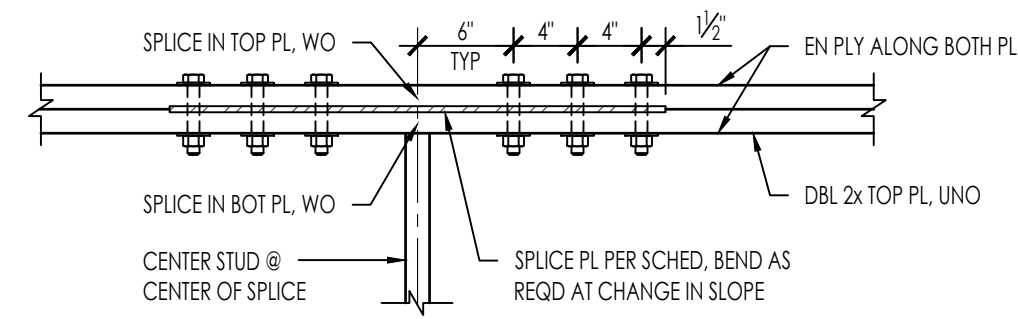


FORCE TRANSFER AROUND OPENINGS NTS 44, PLATE WASHER DETAIL NTS 34, DOUBLE SIDED SHEAR WALL NTS 24, 2x STUD NAILING @ ADJOINING PANEL EDGES NTS 14

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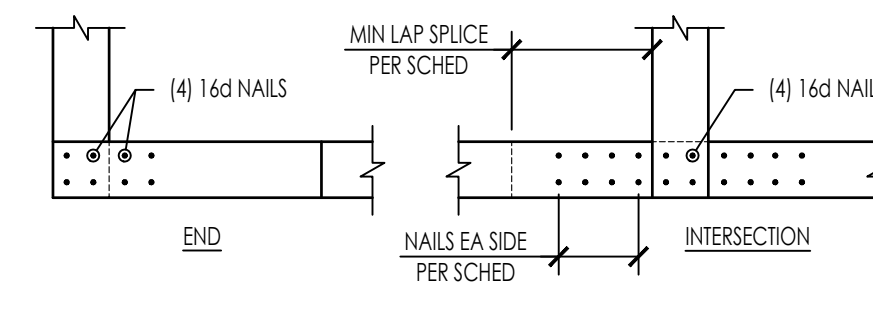
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TOP PLATE SPLICE				
MARK	NO. OF BOLTS EA SIDE	SPLICE PLATE (A500 GR B)	CAPACITY (LBS)	NOTES
(H)	(2) 3/4"	1/2" X 3"	9,939	@ 4" STUDS, UNO
(J)	(3) 3/4"	1/2" X 3"	14,364	@ 4" STUDS, UNO
(K)	(4) 3/4"	1/2" X 3"	17,842*	@ 4" STUDS, UNO
(L)	(2) 3/4"	1/2" X 5"	9,750	@ 6" STUDS, MIN
(M)	(3) 3/4"	1/2" X 5"	14,500	@ 6" STUDS, MIN
(N)	(4) 3/4"	1/2" X 5"	18,500	@ 6" STUDS, MIN
(P)	(5) 3/4"	1/2" X 5"	21,500	@ 6" STUDS, MIN
(Q)	(6) 3/4"	1/2" X 5"	24,000	@ 6" STUDS, MIN

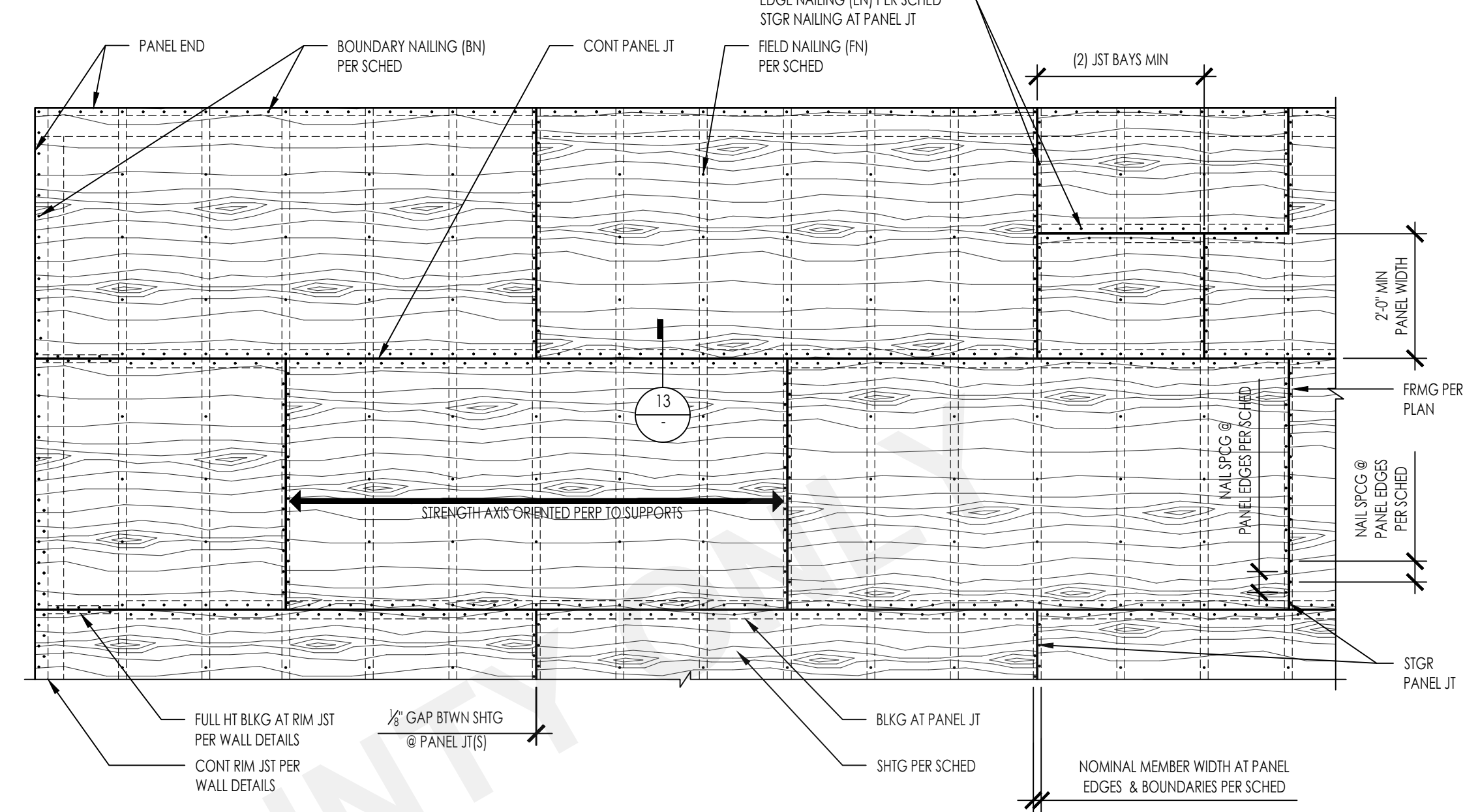
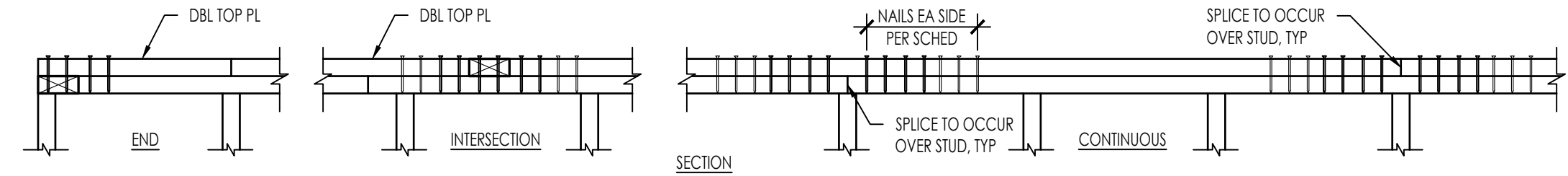
*CAPACITY LIMITED BY TOP PLATES IN TENSION

TOP PLATE SPLICE W/ STEEL TIE PLATE



TOP PLATE LAP NAILING		
WALL TYPE	MIN LAP SPLICE	NAILS EA SIDE
NON-BEARING	2'-0"	(8) 16d

TOP PLATE LAP NAILING			
SYMBOL	MIN LAP SPLICE	NAILS EA SIDE	ALLOWABLE TOP CHORD CAPACITY
⊙	4'-0"	(8) 16d	1,800#
⊖	4'-0"	(12) 16d	2,700#
⊗	4'-0"	(16) 16d	3,600#
⊕	4'-0"	(20) 16d	4,500#
⊘	4'-0"	(24) 16d	5,400#
⊙	4'-0"	(28) 16d	6,300#
⊚	4'-0"	(32) 16d	7,200#



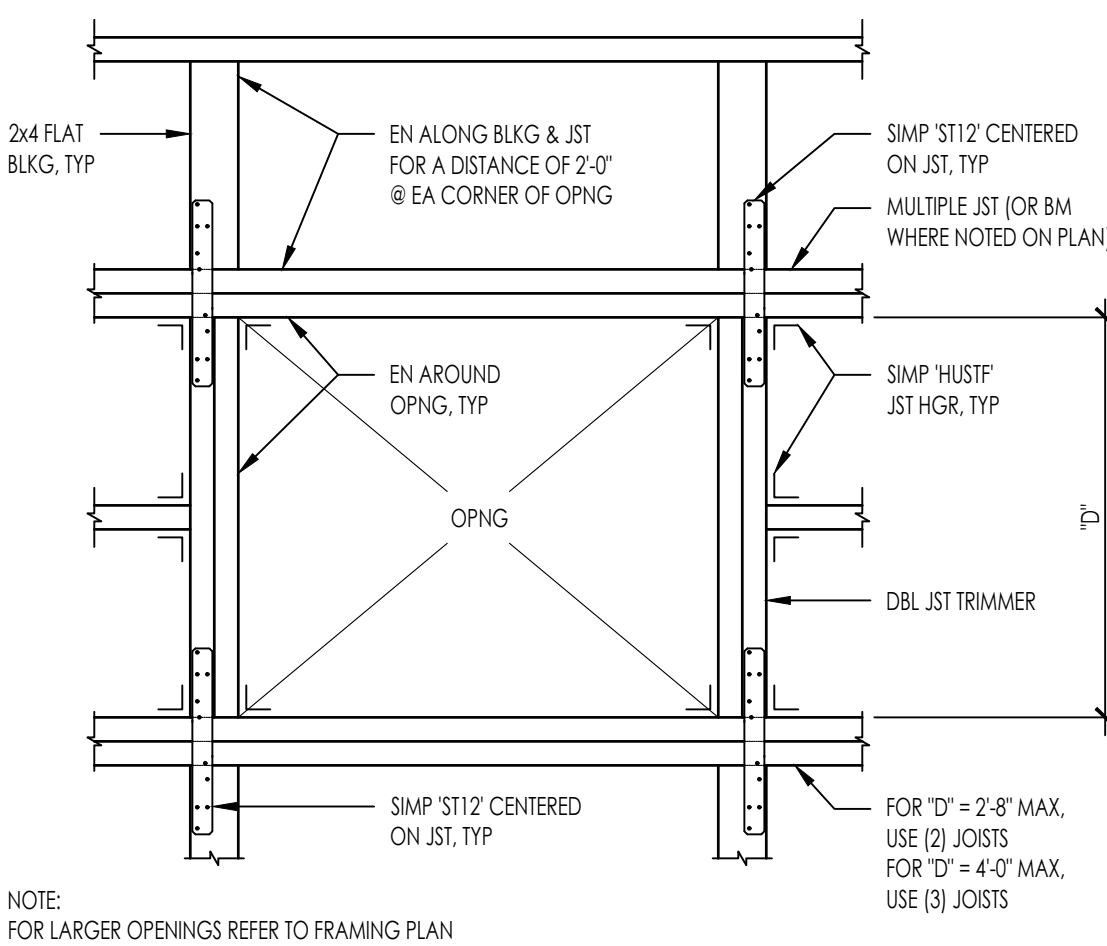
DIAPHRAGM SCHEDULE												
TYPE	LOCATION	SHEATHING THICKNESS	SHEATHING GRADE	SPAN RATING	BLOCKING	NAILS	BOUNDARY NAILING (BN)	EDGE NAILING AT CONT. PANEL EDGES (EN)	EDGE NAILING AT OTHER PANEL EDGES (EN)	FIELD NAILING (FN)	PANEL EDGE SUPPORT OR NOMINAL MEMBER WIDTH AT PANEL EDGES	LINES OF FASTENERS
A	ROOF	3/4"	SHEATHING	40 / 20	NO	10d	6	-	6	12	H-CLIPS	1
B	ROOF	3/4"	SHEATHING	40 / 20	YES	10d	6	6	6	12	T&G	1
C	ROOF	1"	SHEATHING	54 / 32	YES	10d	4	6	6	12	2x4 FLAT	1
D	FLOOR	2 3/4"	STURD-FLOOR	48 / 24	NO	10d	6	-	6	12	T&G	1

- NOTES:
- DIAPHRAGM SHALL BE GLUED TO FLOOR FRAMING PRIOR TO NAILING. REFER TO PROJECT GENERAL NOTES.
 - MINIMUM EDGE DISTANCE FOR NAILS SHALL BE 3/8" 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".

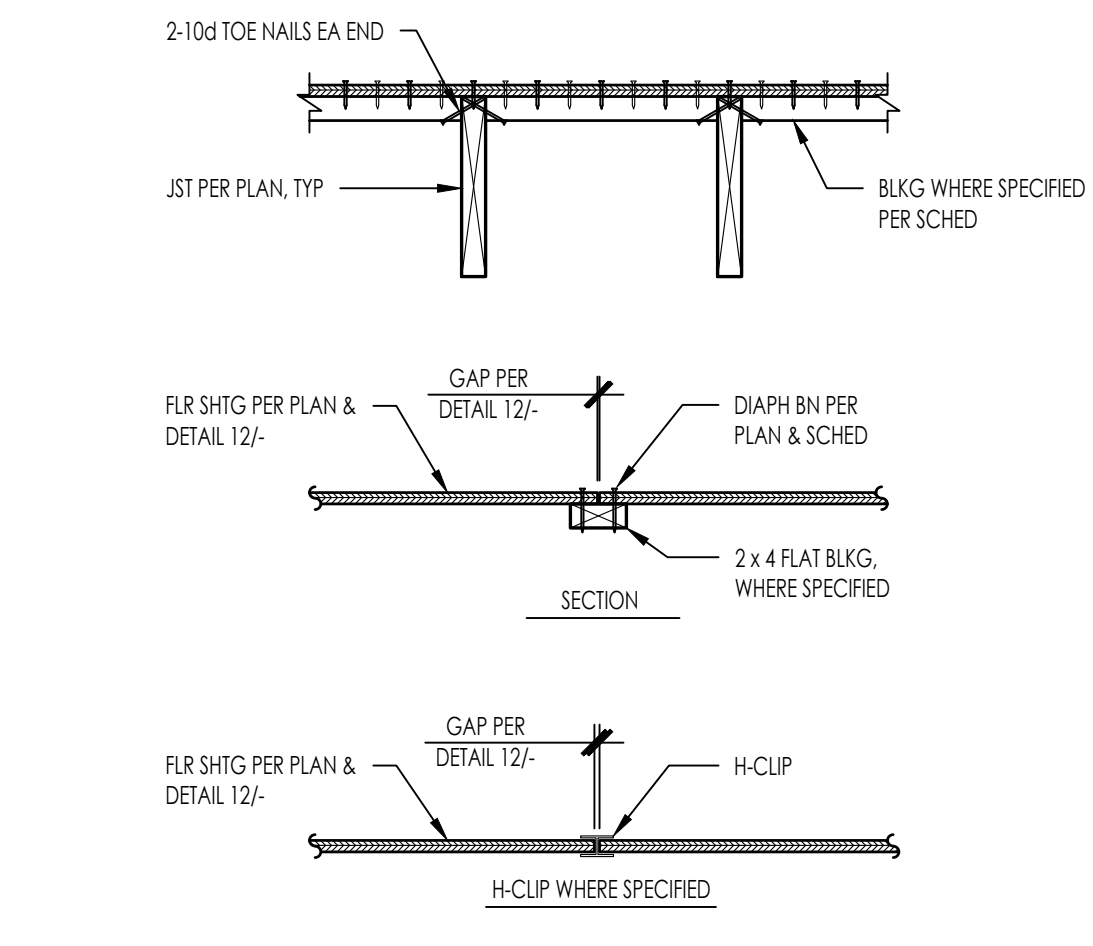
TOP PLATE SPLICE W/ STEEL TIE PLATE

DBL TOP PLATE SPLICE NAILING

PLYWOOD DIAPHRAGM SHEATHING



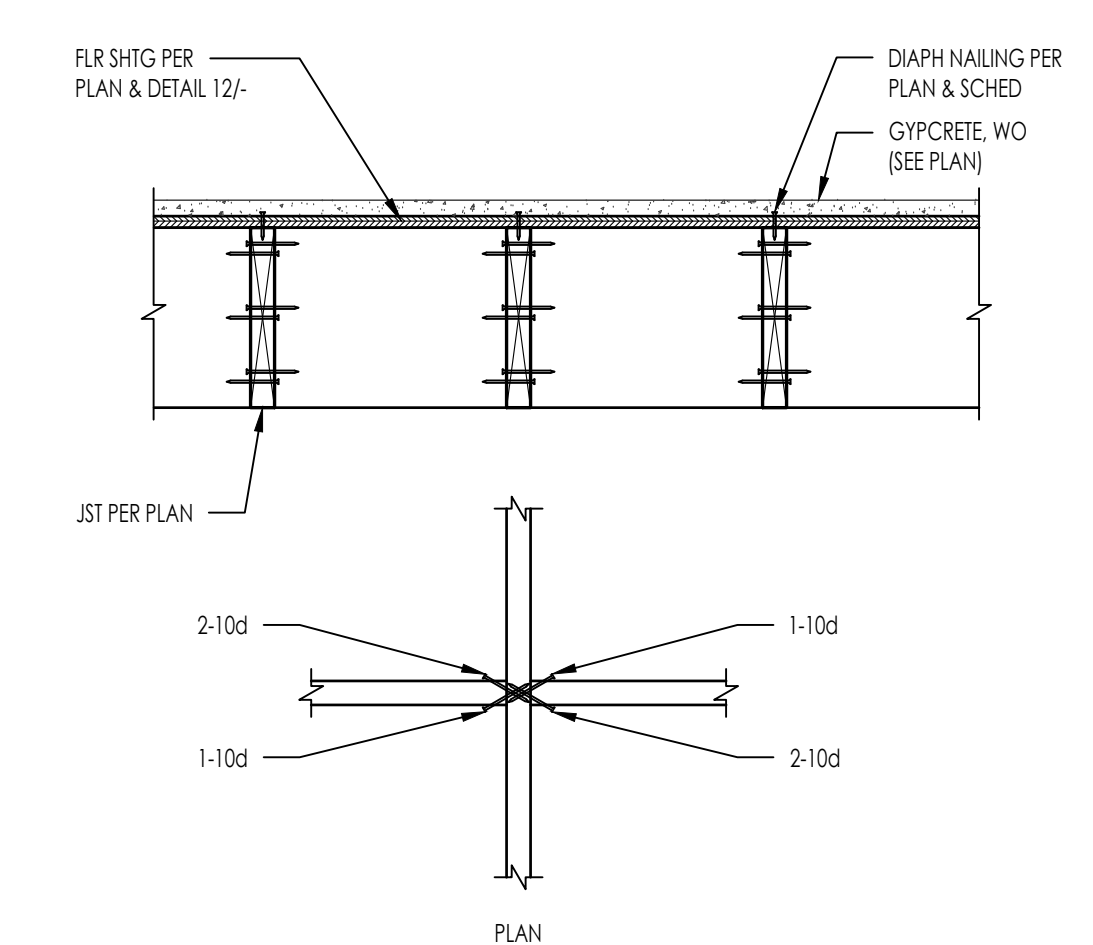
OPENING AT FRAMING



DIAPHRAGM PANEL JOINTS



TYP JOIST BLOCKING



TYP JOIST BLOCKING

MONO COUNTY ADU PROTOTYPES
MONO COUNTY
TYPICAL WOOD DETAILS

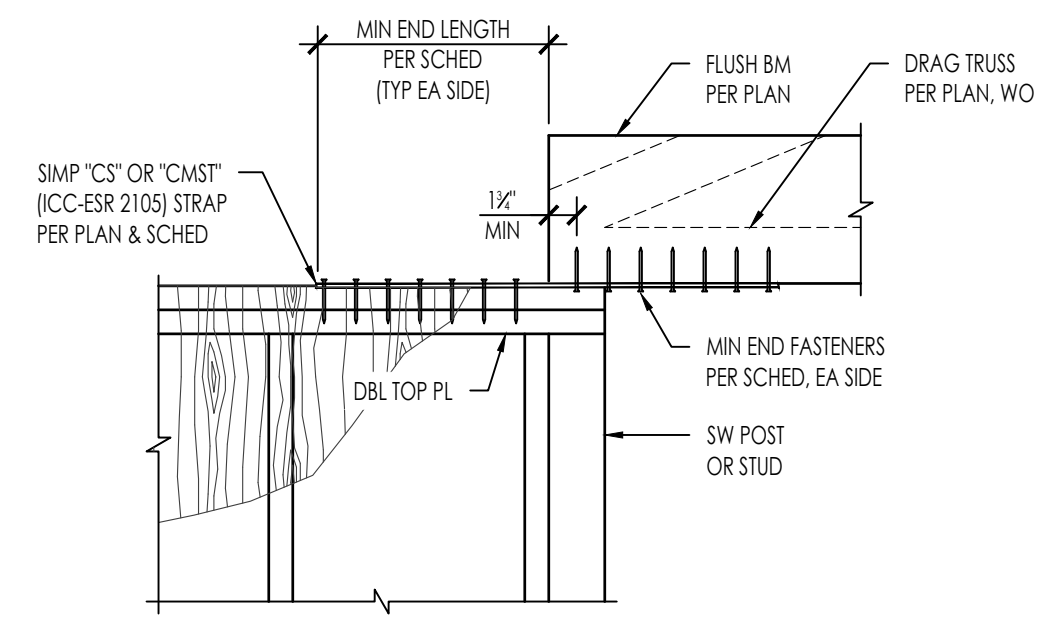
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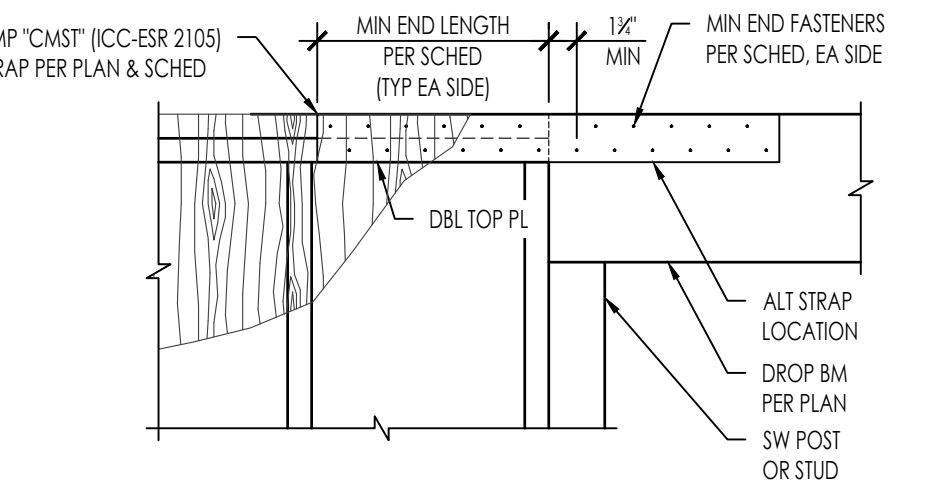


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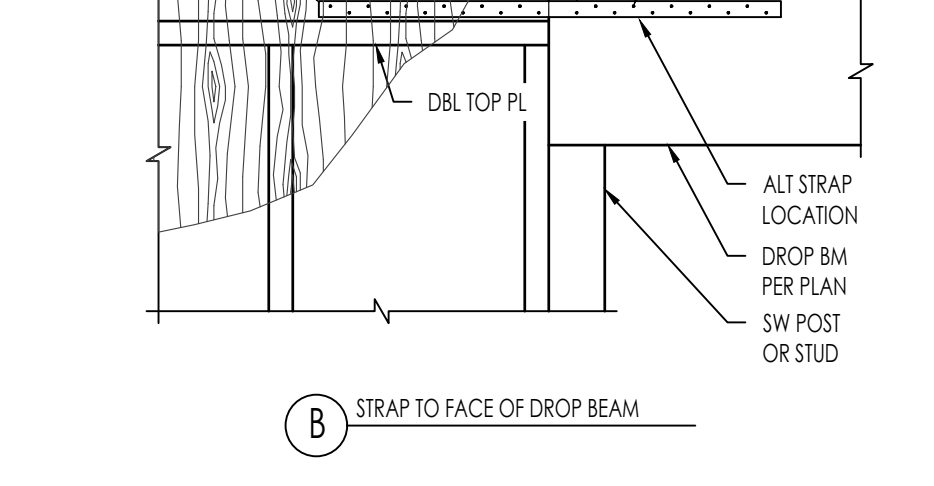
MONO COUNTY ADU PROTOTYPES
MONO COUNTY
TYPICAL WOOD DETAILS



A STRAP TO BOTTOM OF FLUSH BEAM

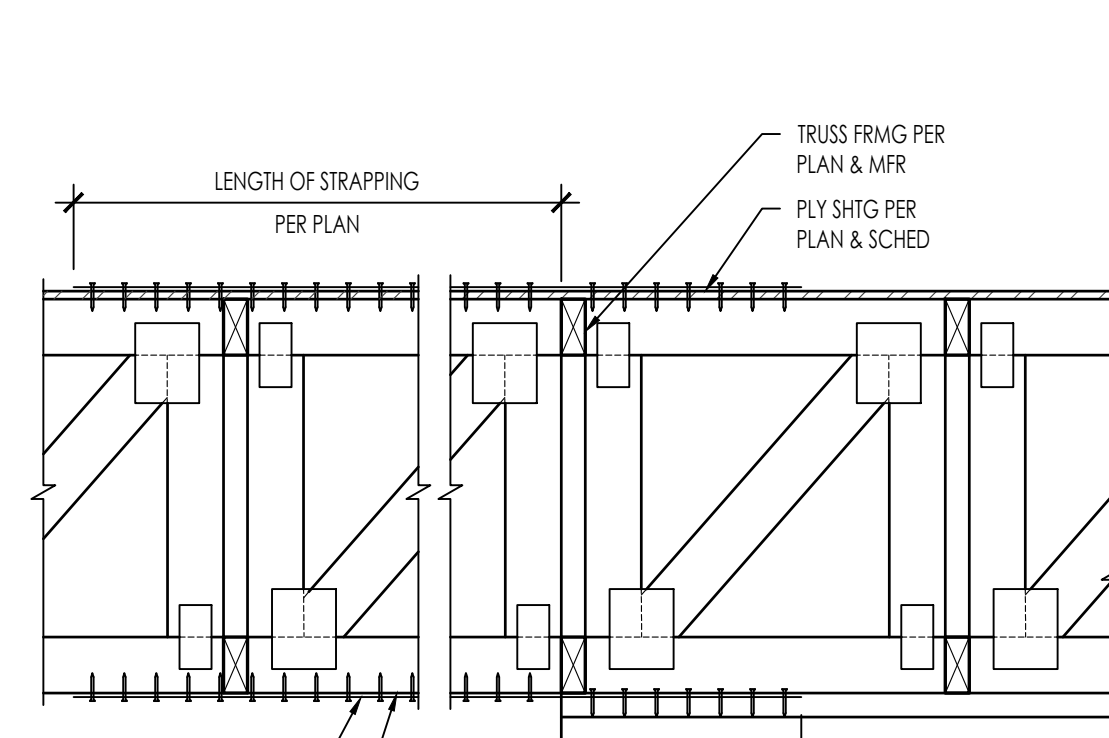


B STRAP TO FACE OF DROP BEAM

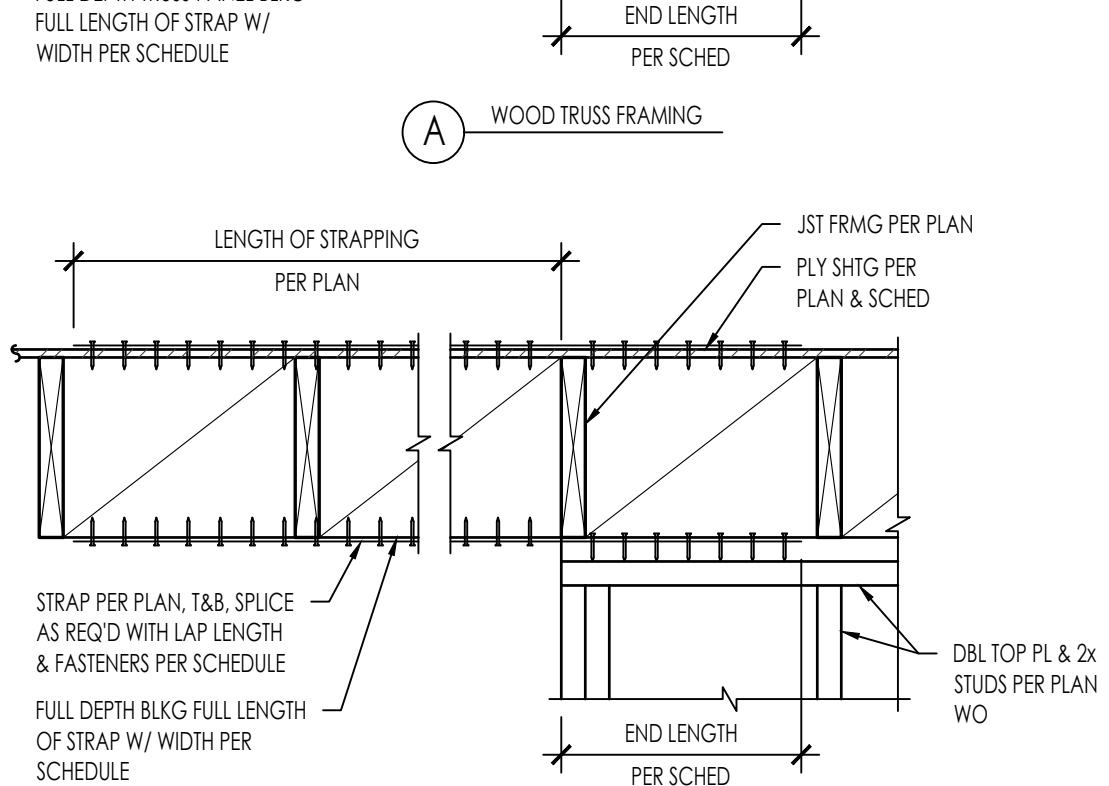


C STRAP TO TOP OF DROP BEAM

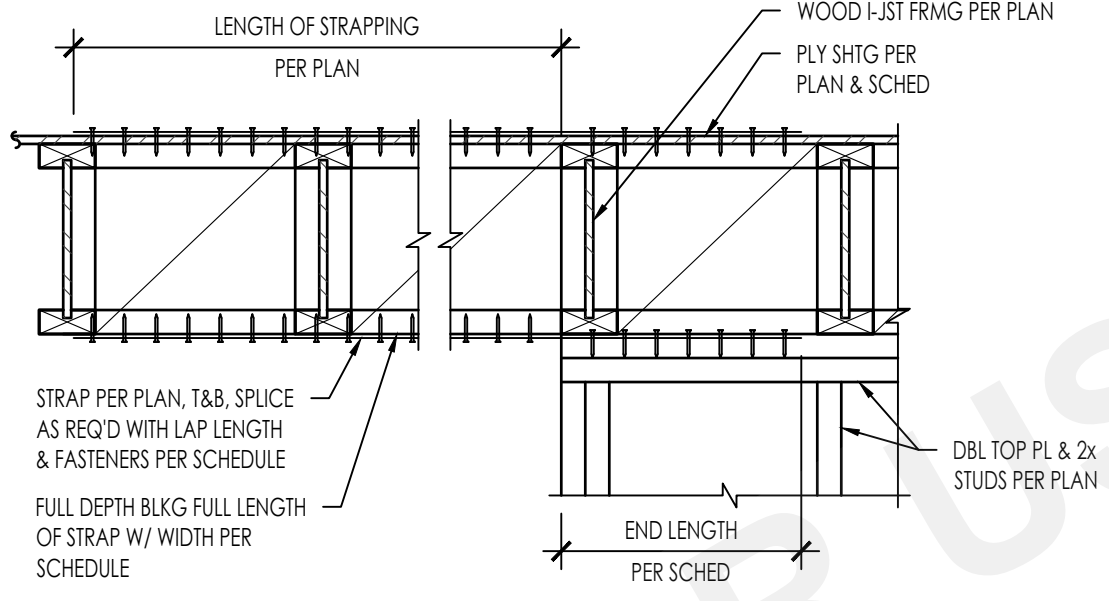
STRAP MODEL	END FASTENERS	END LENGTH (IN)	ALLOWABLE TENSION LOADS (LB)
CS16	(20) 10d	11	1,705
	(22) 8d	13	
CS14	(26) 10d	15	2,490
	(30) 8d	16	
CMSTC16	(50) 16d	20	4,690
CMST14	(56) 16d	26	6,475
	(66) 10d	30	
CMST12	(74) 16d	33	9,215
	(86) 10d	39	



A WOOD TRUSS FRAMING

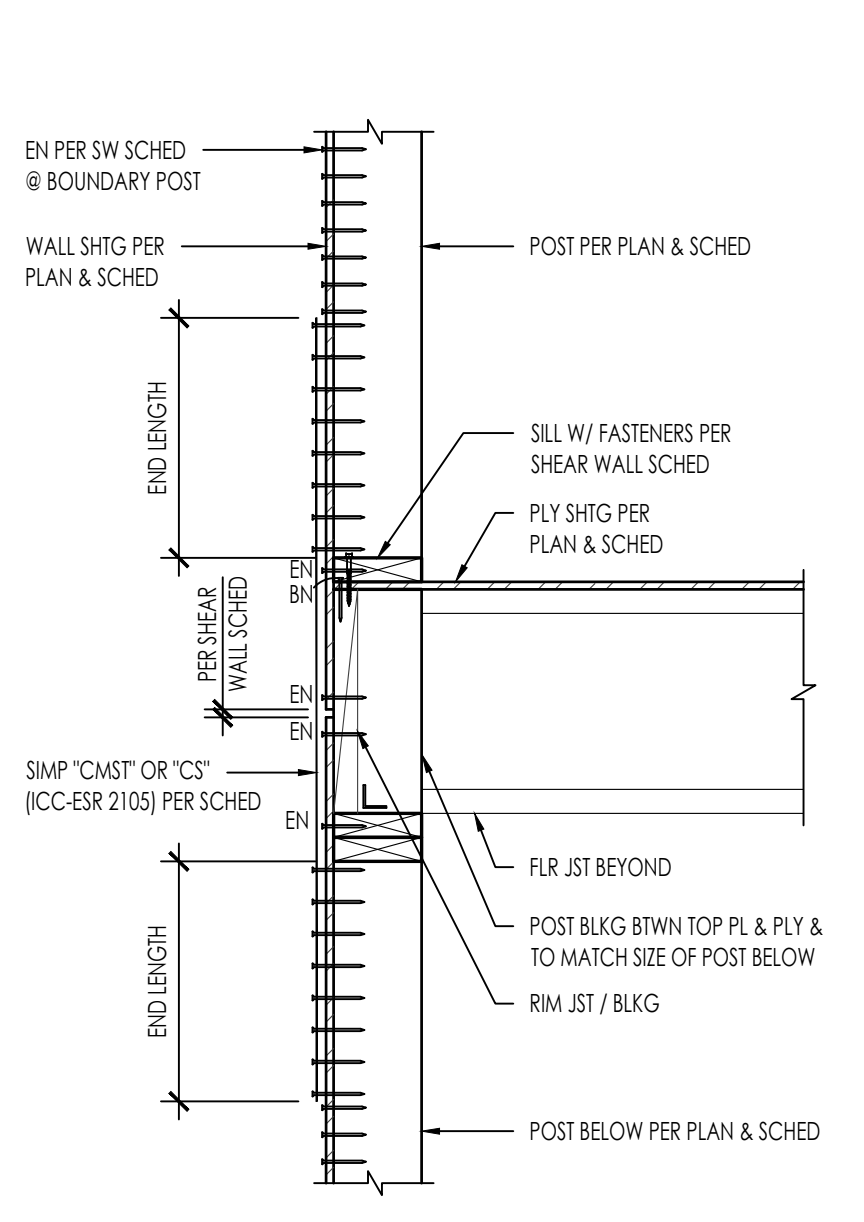


B SOLID SAWN FRAMING



C TJI FRAMING

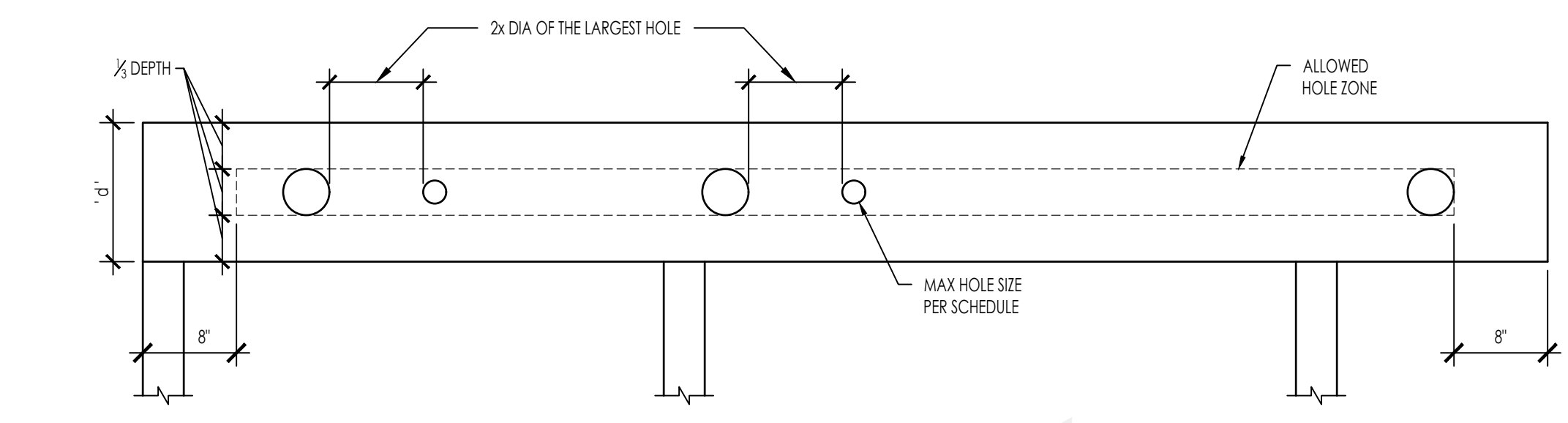
STRAP MODEL	END FASTENERS	END LENGTH (IN)	FASTENERS PER SPLICE	SPLICE LENGTH (IN)	MIN BLKG WIDTH	ALLOWABLE TENSION LOADS (LB)
CS16	(20) 10d	11	(5) 10d	8	1/2"	1,705
	(22) 8d	13	(6) 8d	9		
CS14	(26) 10d	15	(6) 10d	9	1/2"	2,490
	(30) 8d	16	(7) 8d	10		
CMSTC16	(50) 16d	20	(11) 16d	10	3/4"	4,690
CMST14	(56) 16d	26	(13) 16d	14	3/4"	6,475
	(66) 10d	30	(15) 10d	15		
CMST12	(74) 16d	33	(18) 16d	18	3/4"	9,215
	(86) 10d	39	(22) 10d	21		



NOTE: PLYWOOD FIELD NAILING NOT SHOWN FOR CLARITY. REFER TO DIAPHRAGM AND SHEAR WALL SCHEDULE

MARK	STRAP MODEL	FASTENERS	END LENGTH (IN)	ALLOWABLE TENSION LOADS (LB)
2A	CS16	22-10d	11	1,705
2B	CS14	30-10d	15	2,490
2C	CMSTC16	50-16d SINKER	20	4,585
2D	CMST14	56-10d	26	6,490
		66-10d	30	
2E	CMST12	74-16d	33	9,215
		86-10d	39	

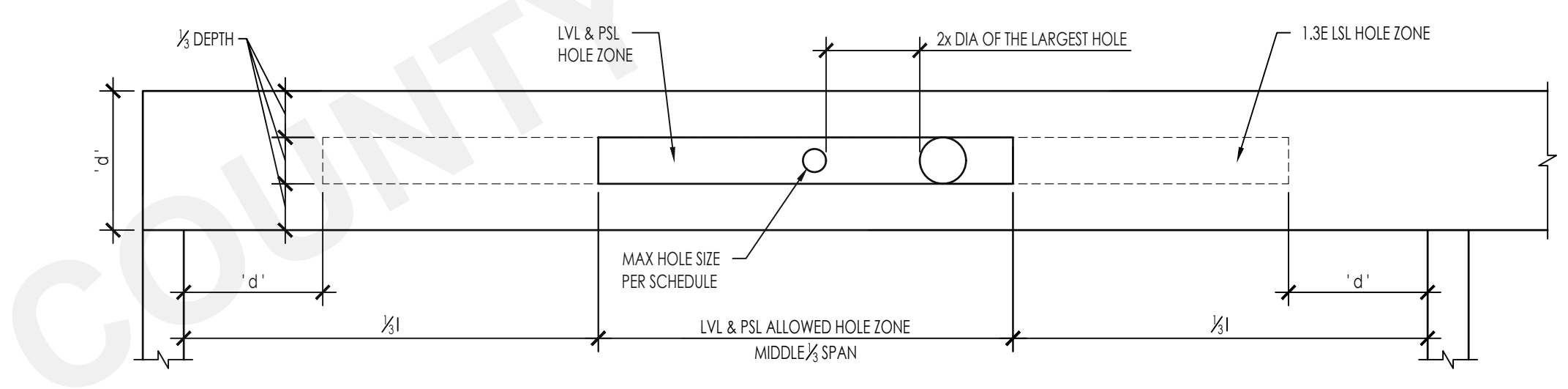
STRAP ACROSS FLOOR NTS 32



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

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

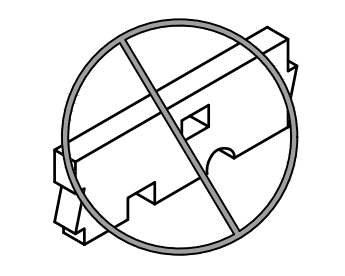
A 1.55E LSL HEADERS & BEAMS



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

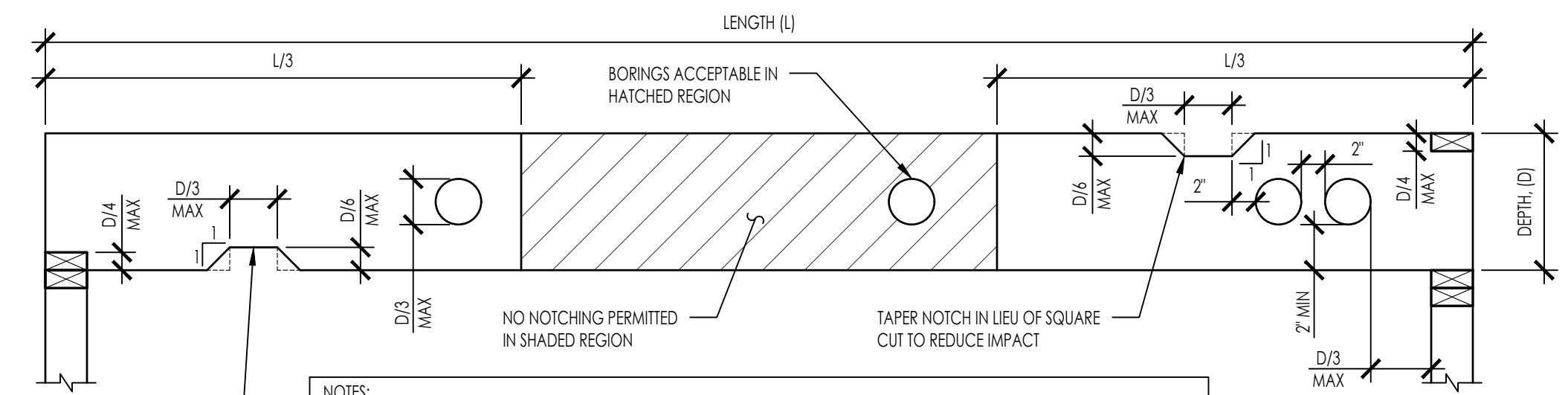
- LVL/PSL/1.3E LSL:
1. ALLOWED HOLE ZONE SUITABLE FOR HEADERS AND BEAMS WITH UNIFORM LOADS ONLY.
 2. ROUND HOLES ONLY.
 3. NO HOLES IN CANTILEVERS.
 4. NO HOLES IN HEADERS OR BEAMS IN PLANK ORIENTATION.

B LVL, PSL & 1.3E LSL HEADERS & BEAMS



DO NOT CUT, NOTCH, OR DRILL HOLES IN HEADERS OR BEAMS EXCEPT AS INDICATED IN THE ILLUSTRATIONS AND TABLES

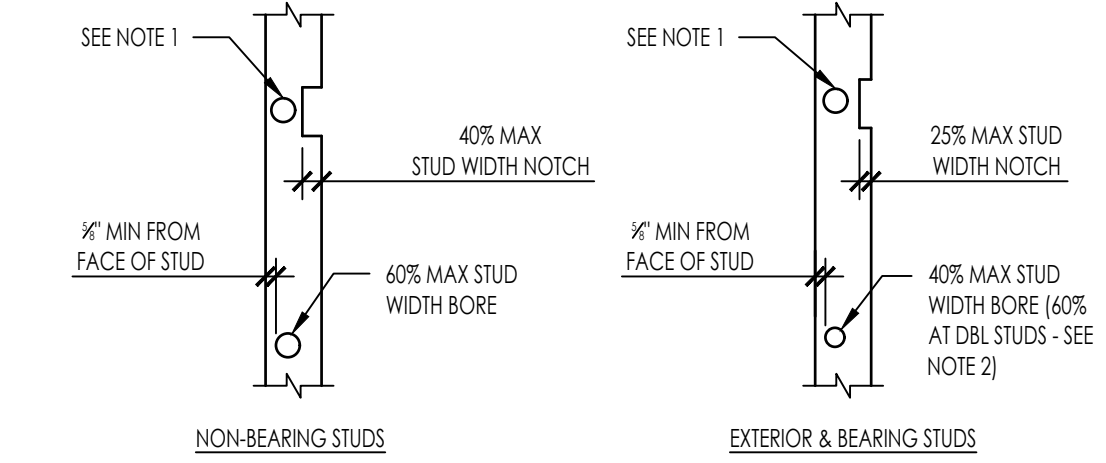
ALLOWABLE HOLES THRU ENGINEERED LUMBER HEADERS & BEAMS NTS 12



- NOTES:
1. NOTCHING AND BORING NOT PERMITTED IN THE SAME JOIST CROSS SECTION WITHOUT STRUCTURAL ENGINEER'S APPROVAL.
 2. NOTCH WIDTHS GREATER THAN SHOWN IN TABLE NOT PERMITTED WITHOUT STRUCTURAL ENGINEER'S APPROVAL.
 3. NO NOTCHES OR HOLES PERMITTED ANYWHERE IN CANTILEVERED ELEMENTS WITHOUT STRUCTURAL ENGINEER'S APPROVAL.

JOIST SIZE	NOTCH AND HOLE LIMITATIONS			
	MAX HOLE	MAX NOTCH DEPTH	MAX END NOTCH	MAX NOTCH LENGTH
2X4	NONE	NONE	NONE	NONE
2X6	1 1/2"	1 1/2"	1 1/2"	1 1/2"
2X8	2 3/8"	1 1/2"	1 1/2"	2 3/8"
2X10	3"	1 1/2"	2 3/8"	3"
2X12	3 3/4"	1 1/2"	2 3/8"	3 3/4"

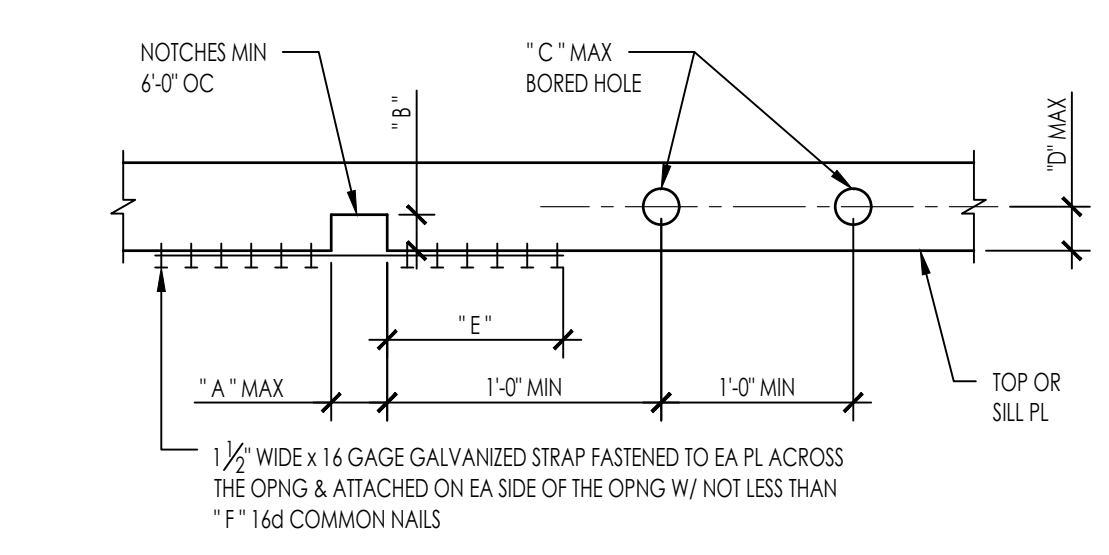
SAWN LUMBER AND RAFTER JOIST NOTCHING AND BORING LIMITATIONS NTS 13



STUD SIZE (IN)	APPLICATION	MAXIMUM BORED HOLE DIAMETER/NOTCH DEPTH (IN)	
		MAX HOLE DIAMETER	MAX NOTCH DEPTH
2X4	NON-BEARING	2 3/8"	1 3/8"
	EXTERIOR/BEARING	1 3/8"	7/8"
2X6	NON-BEARING	3 1/4"	2 3/8"
	EXTERIOR/BEARING	2 3/8"	1 3/8"

- NOTES:
1. NOTCHING AND BORING NOT PERMITTED IN THE SAME STUD SECTION.
 2. NO MORE THAN 2 SUCCESSIVE DBL. STUDS ARE PERMITTED TO HAVE 60% MAX BORED HOLES.

TYP WALL NOTCH AND BORING LIMITATIONS NTS 24



TOP PL OR SILL PL	NOTCH AND HOLE LIMITATIONS					
	A	B	C	D	E	F
2X4	3/4"	1/2"	1/2"	1/2"	3/4"	6
2X6	1/2"	3/4"	3/4"	3/4"	3/4"	9
2X8	3/4"	3"	3/4"	3/4"	1 1/4"	12

TOP PL AND SILL NOTCH AND BORING LIMITATIONS NTS 14

DRAG STRAP AT BEAM-TO-WALL NTS 53

BLOCK & STRAP PERP TO FRMG NTS 43

33

54

44

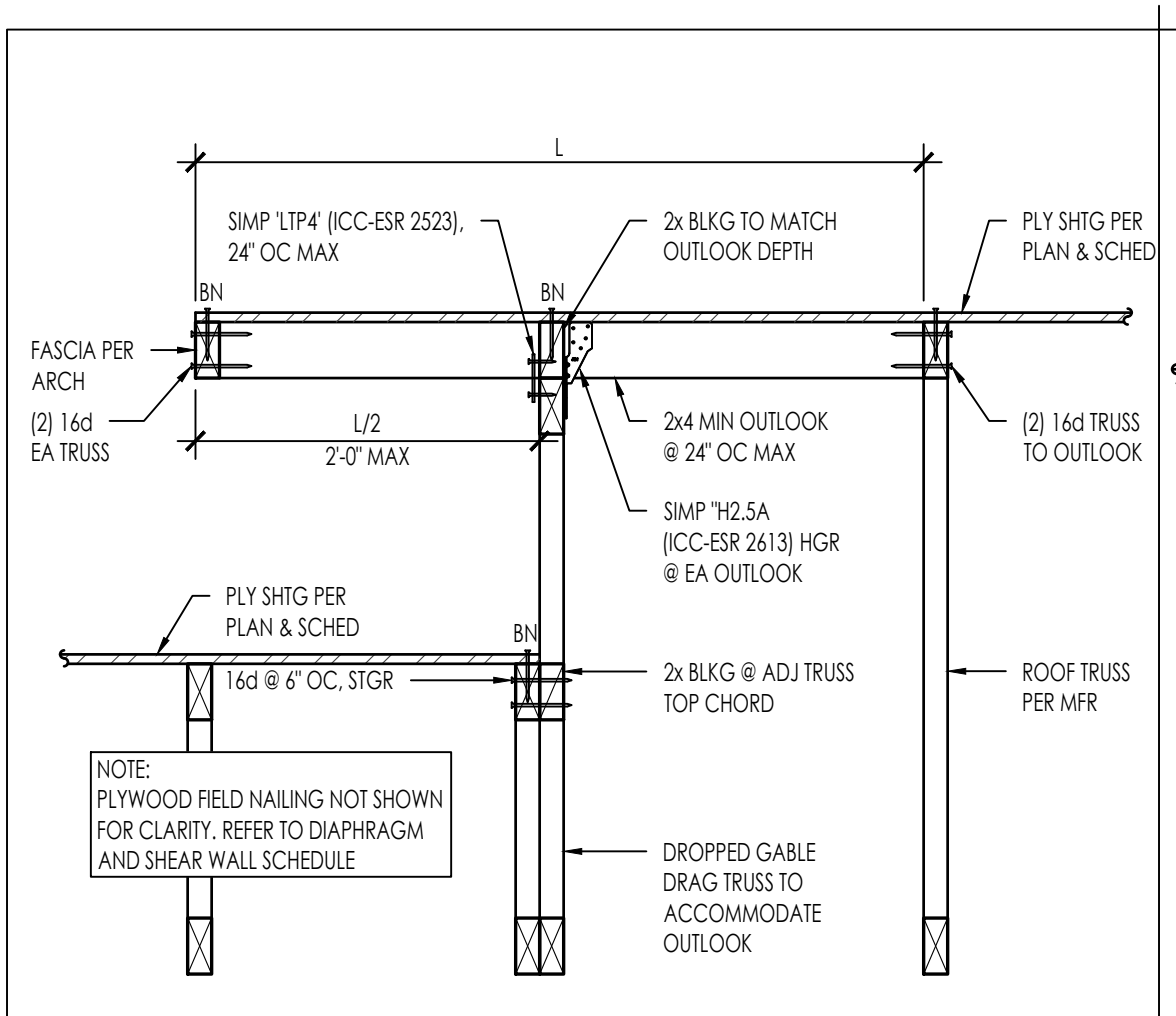
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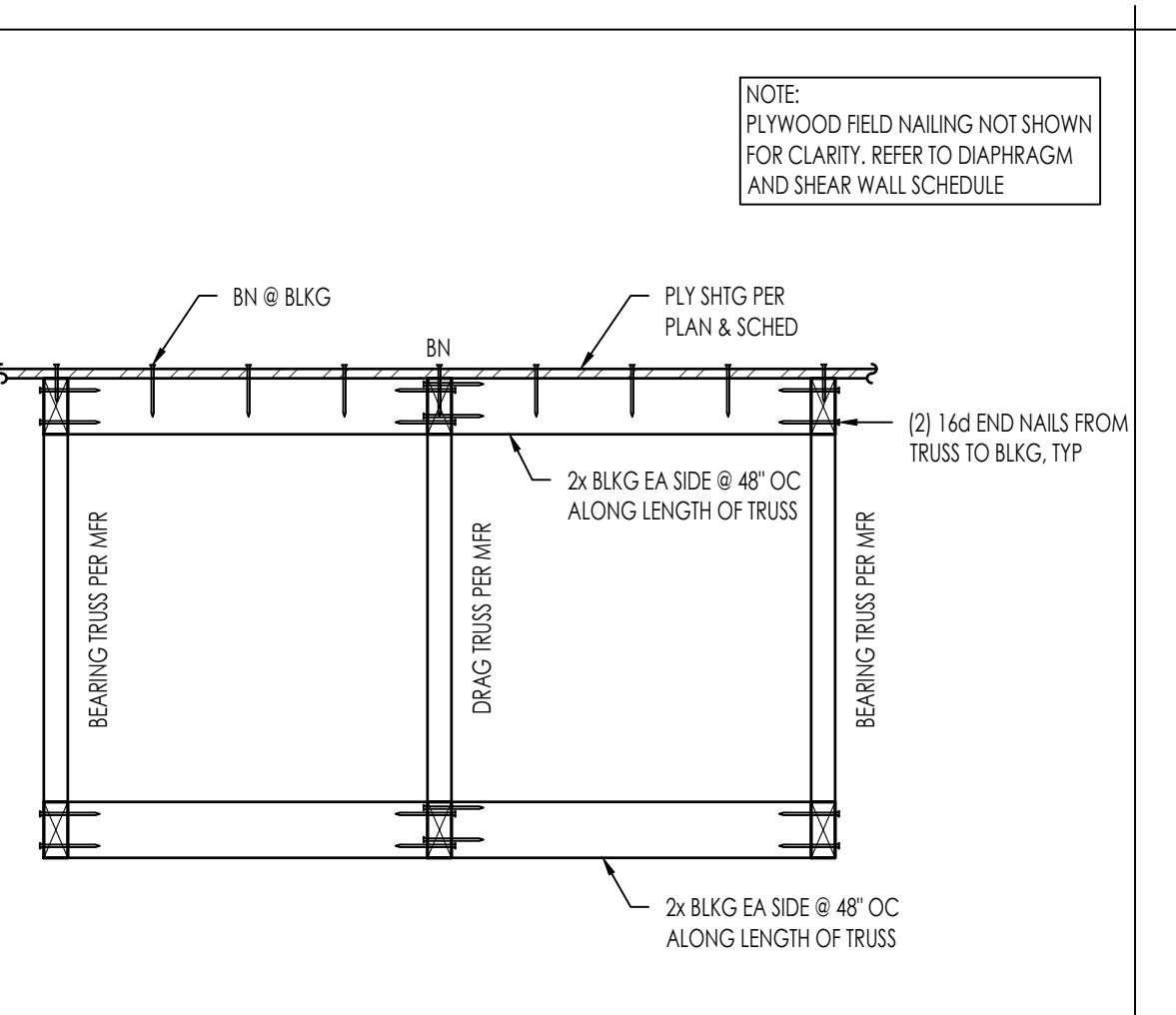


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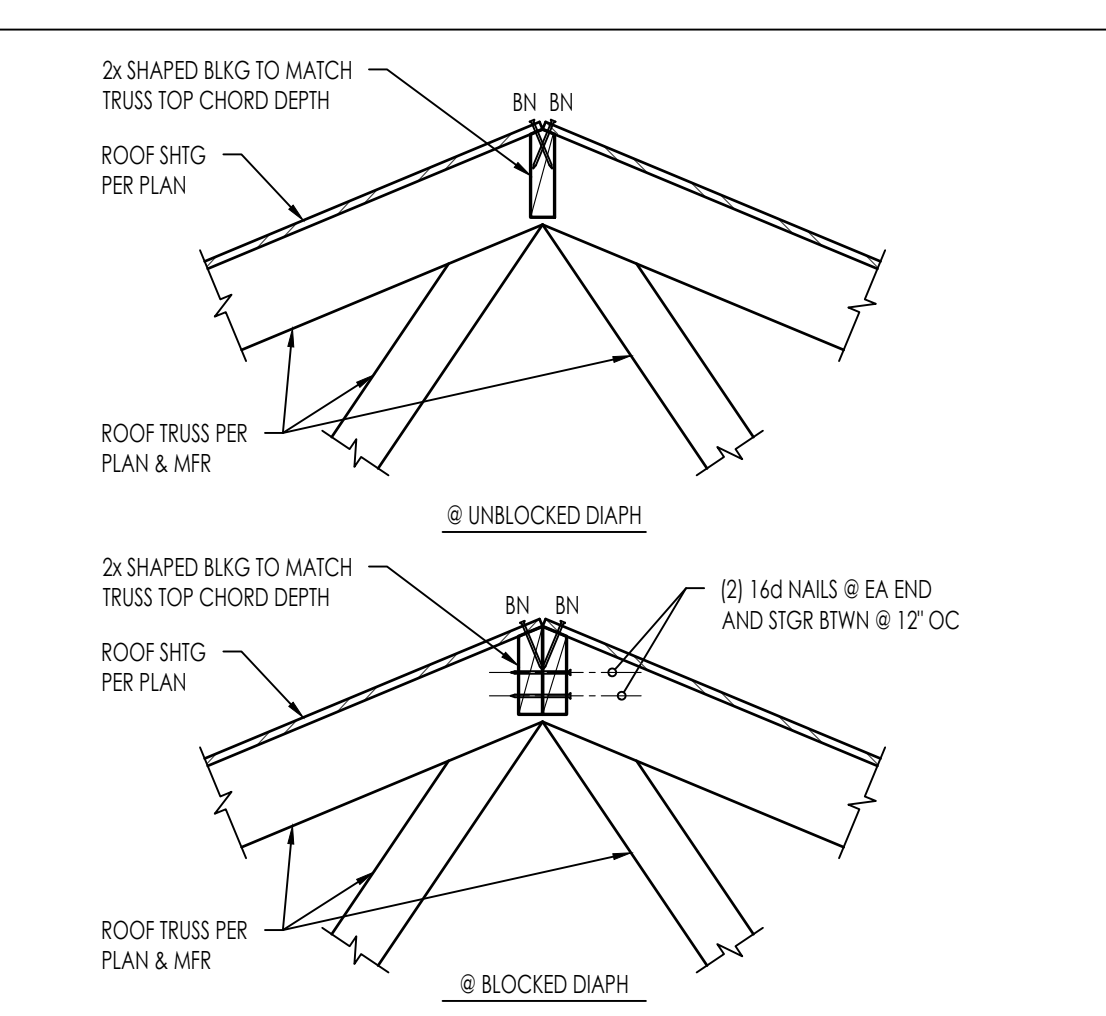
MONO COUNTY ADU PROTOTYPES
MONO COUNTY
ROOF FRAMING DETAILS



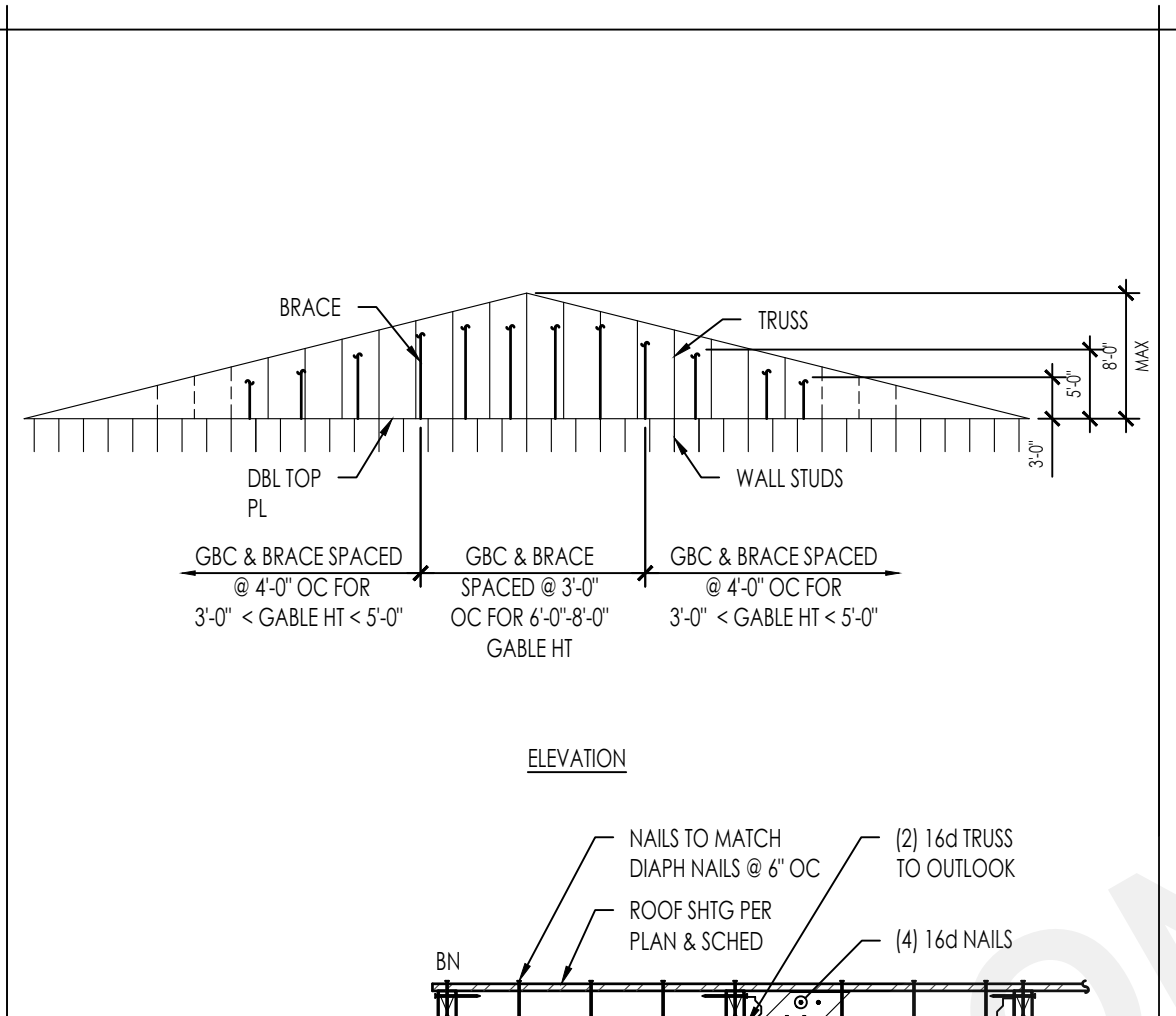
DIAPH TRANSITION W/ OVERHANG
234601-C101-5401-51 1" = 1'-0" 51



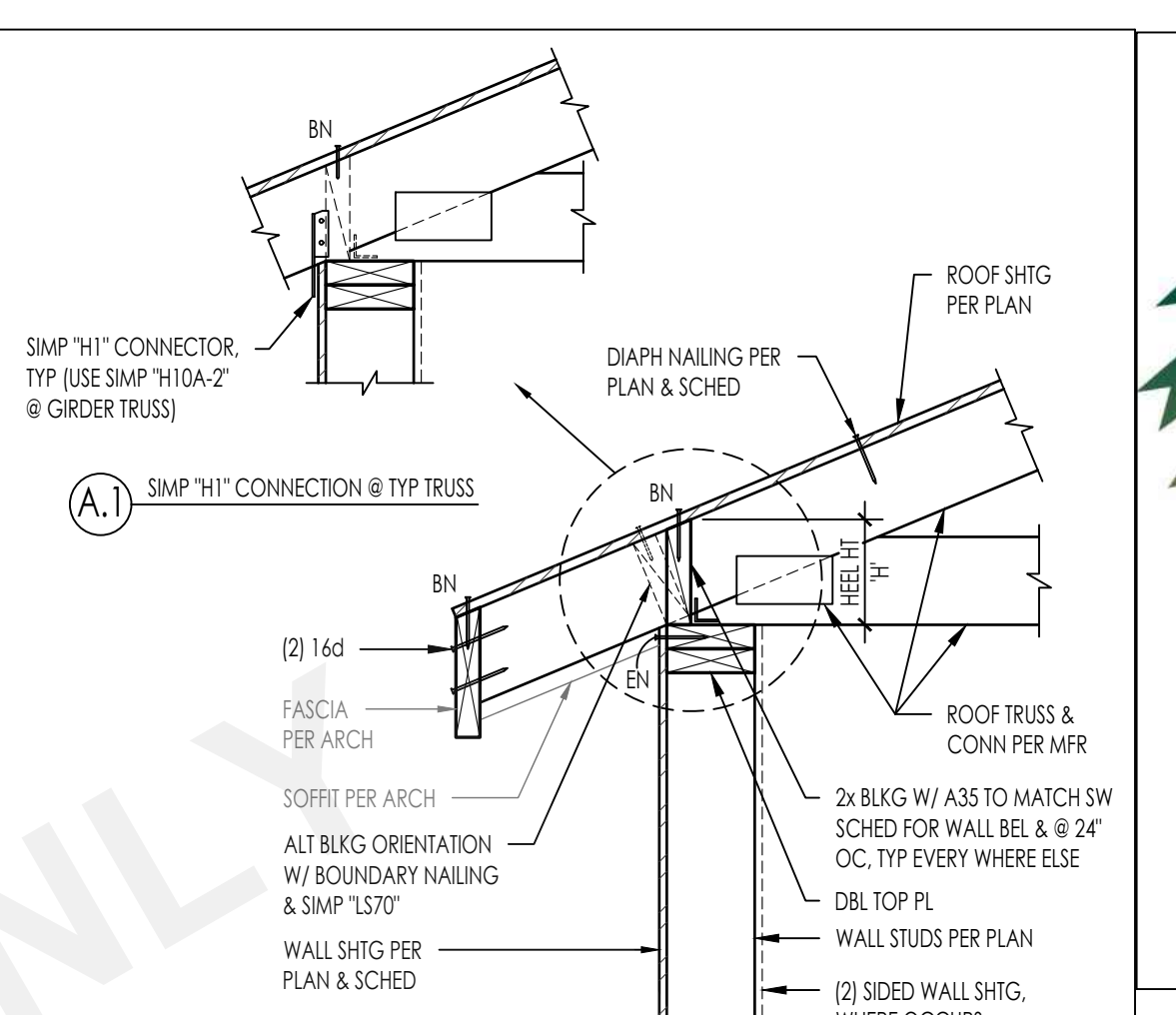
INTERIOR DRAG TRUSS
234601-C101-5401-41 1" = 1'-0" 41



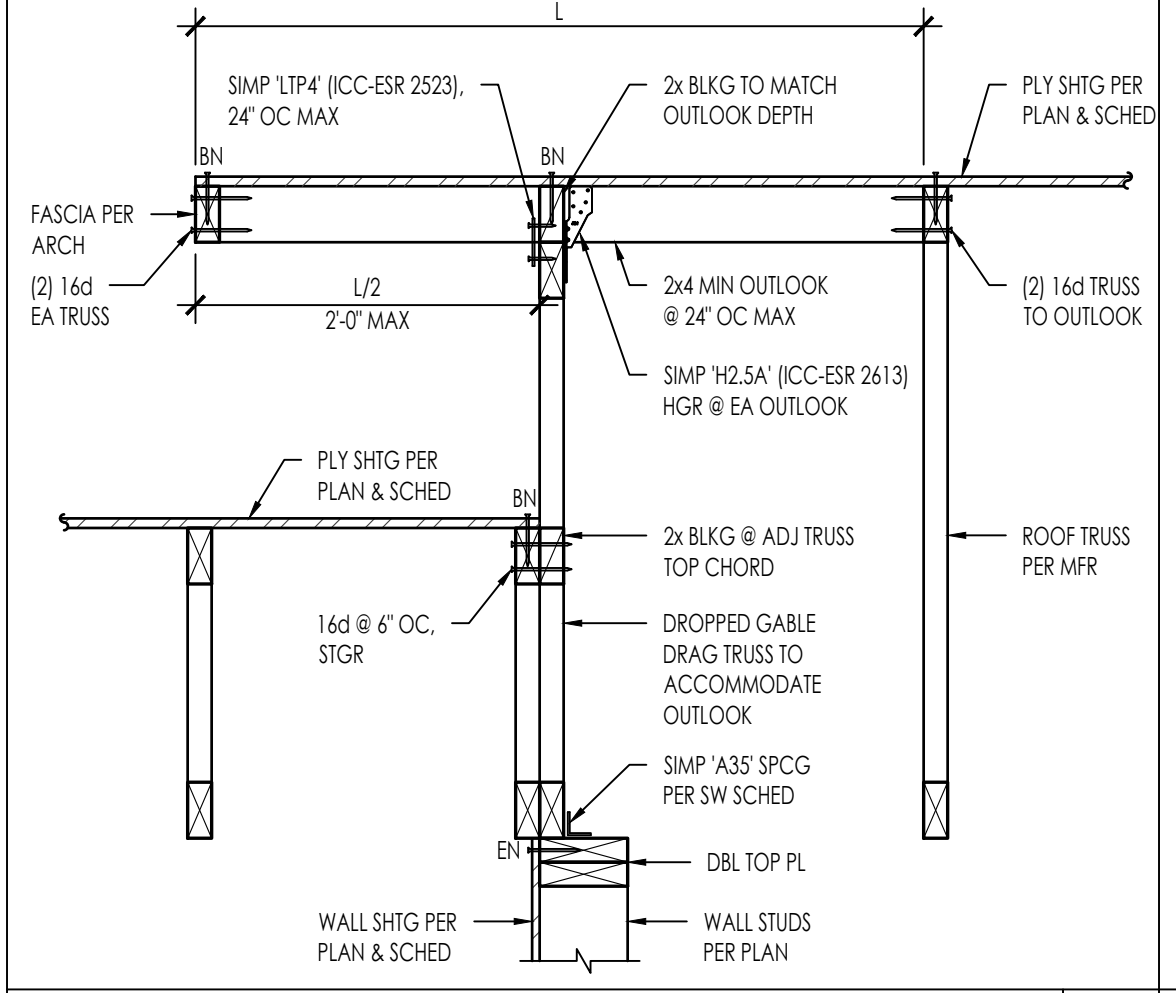
SHEATHING OVER ROOF RIDGE
234601-C101-5401-31 1" = 1'-0" 31



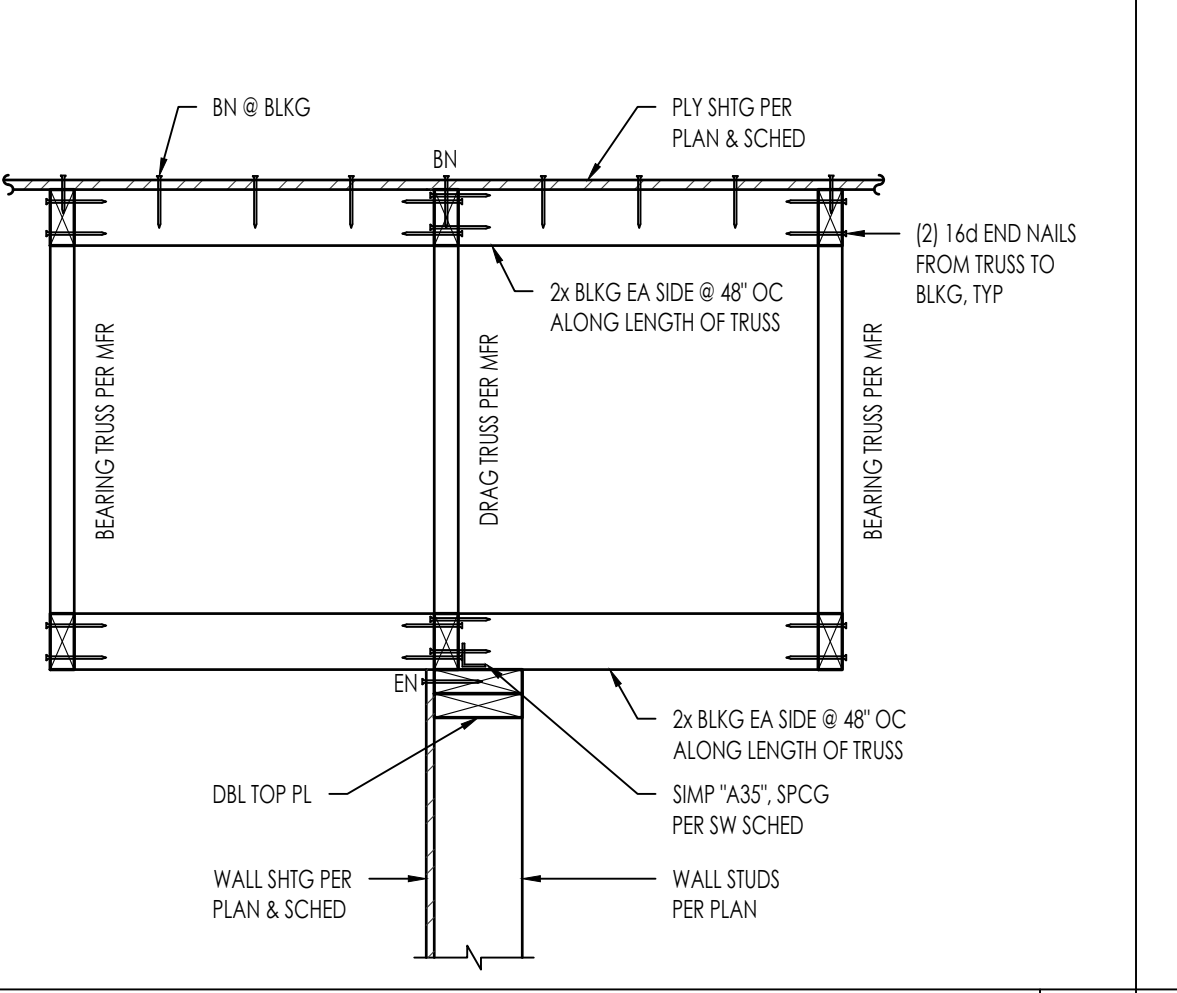
TRUSS TO GIRDER TRUSS
234601-C101-5401-32 1" = 1'-0" 32



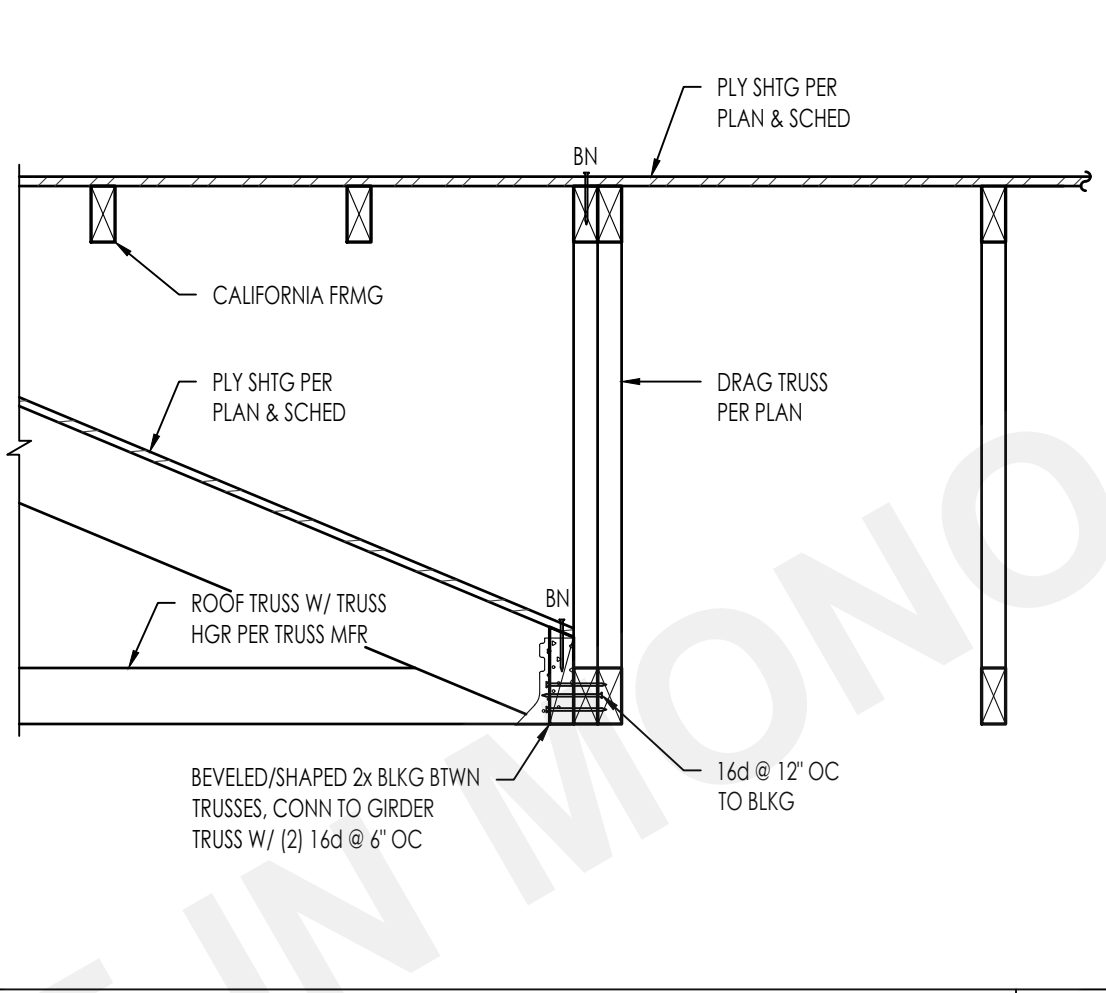
GABLE END TRUSS
234601-C101-5401-23 NTS 23



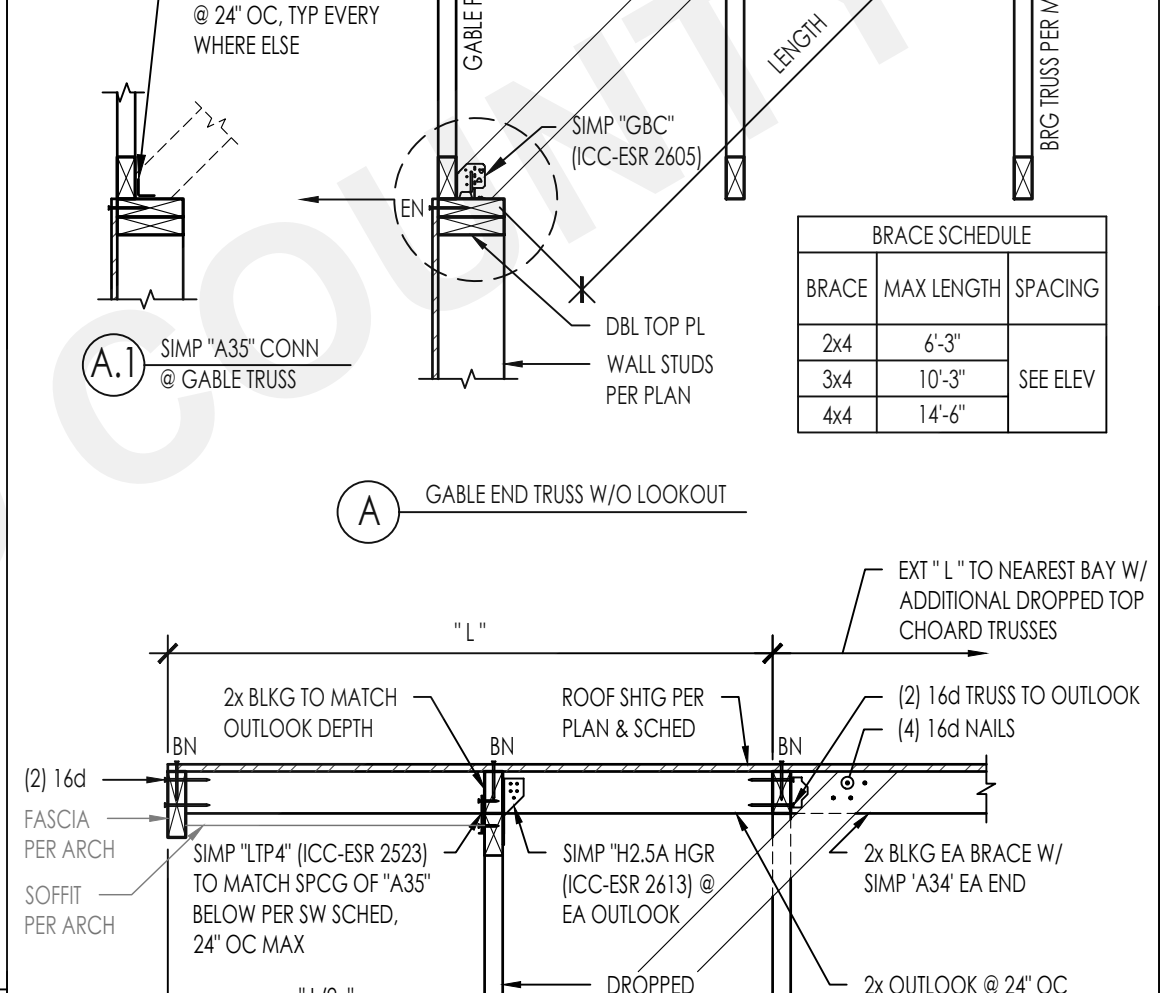
DIAPH TRANSITION W/ OVERHANG
234601-C101-5401-52 1" = 1'-0" 52



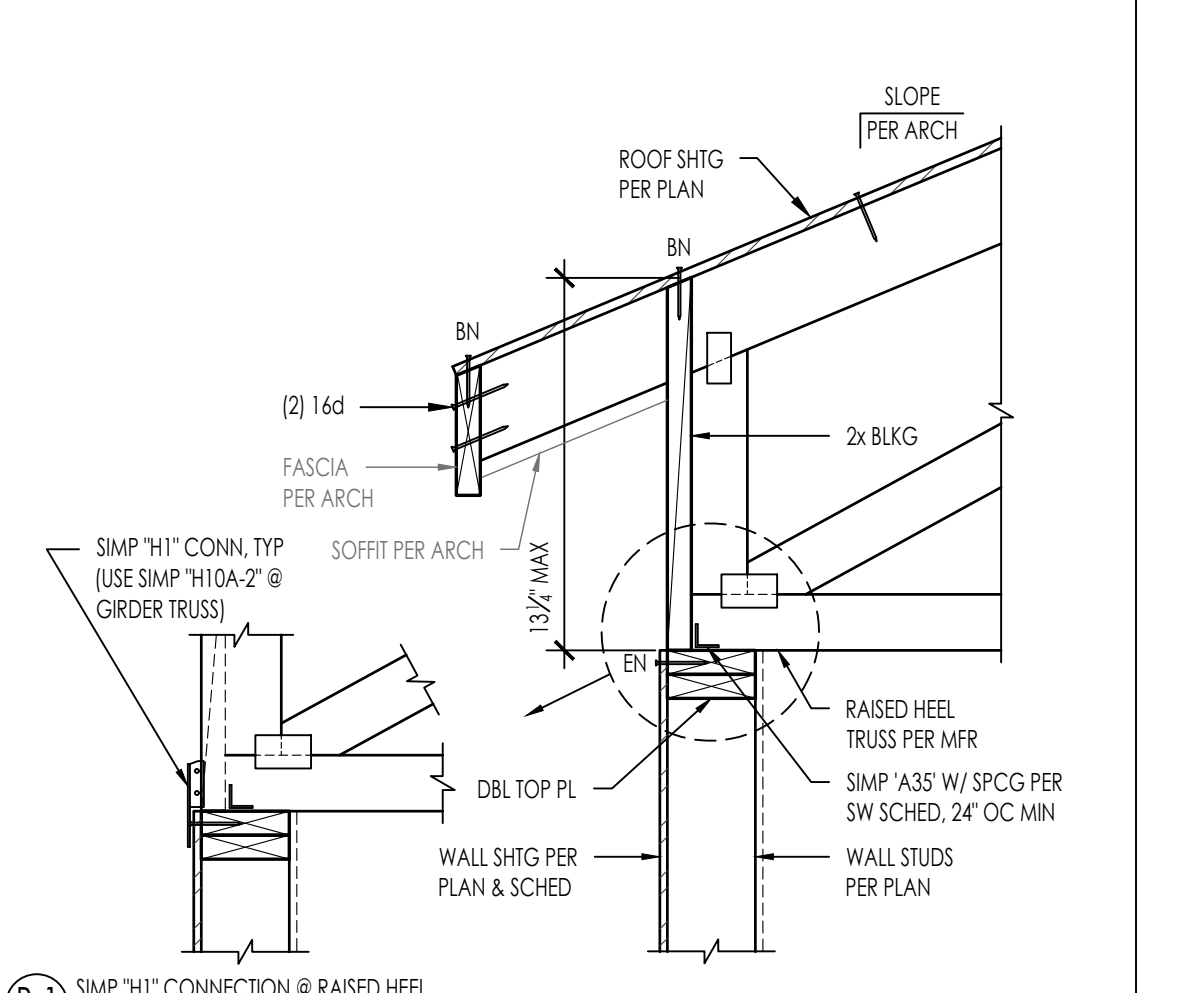
INTERIOR SHEAR WALL (ROOF TRUSS PARALLEL)
234601-C101-5401-42 1" = 1'-0" 42



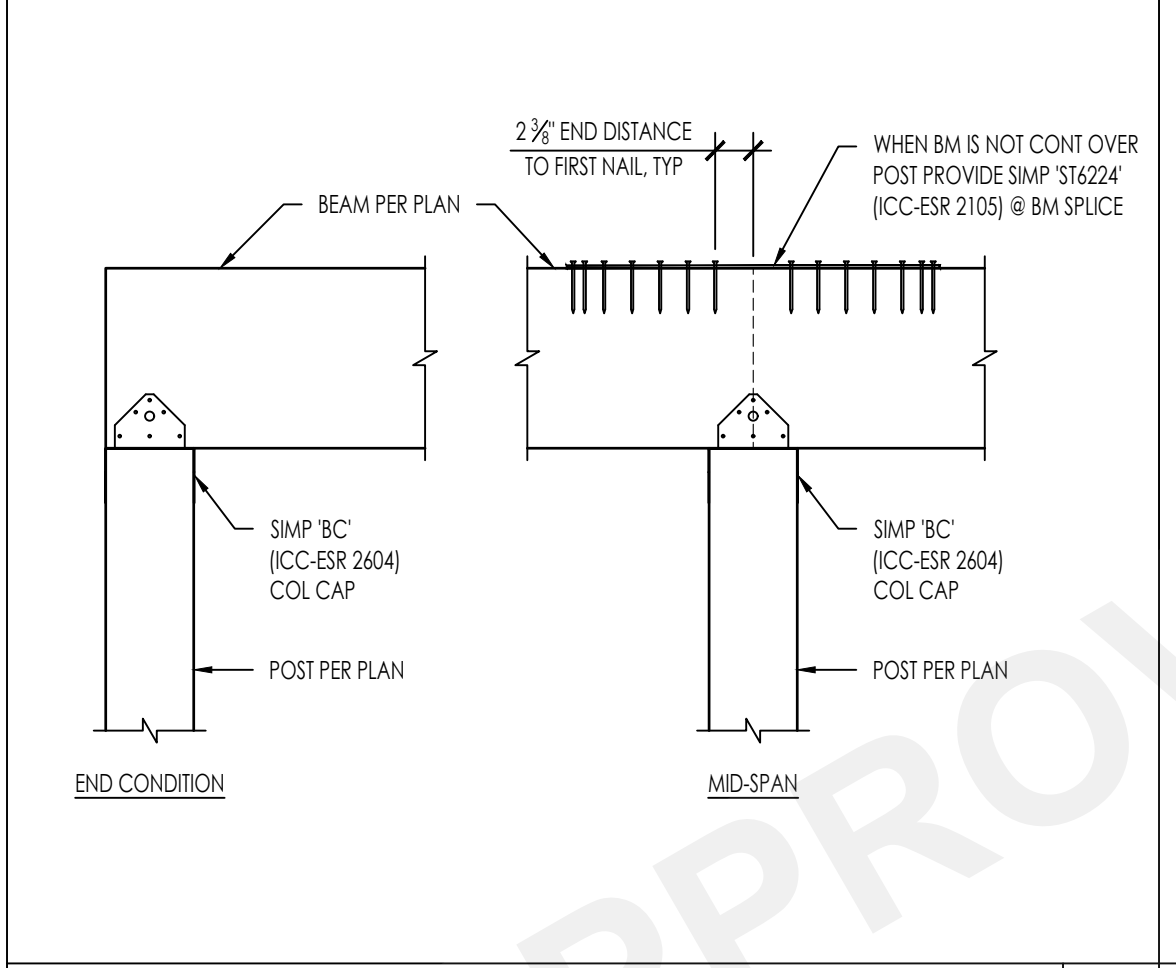
TRUSS TO GIRDER TRUSS W/ WALL BELOW
234601-C101-5401-33 1" = 1'-0" 33



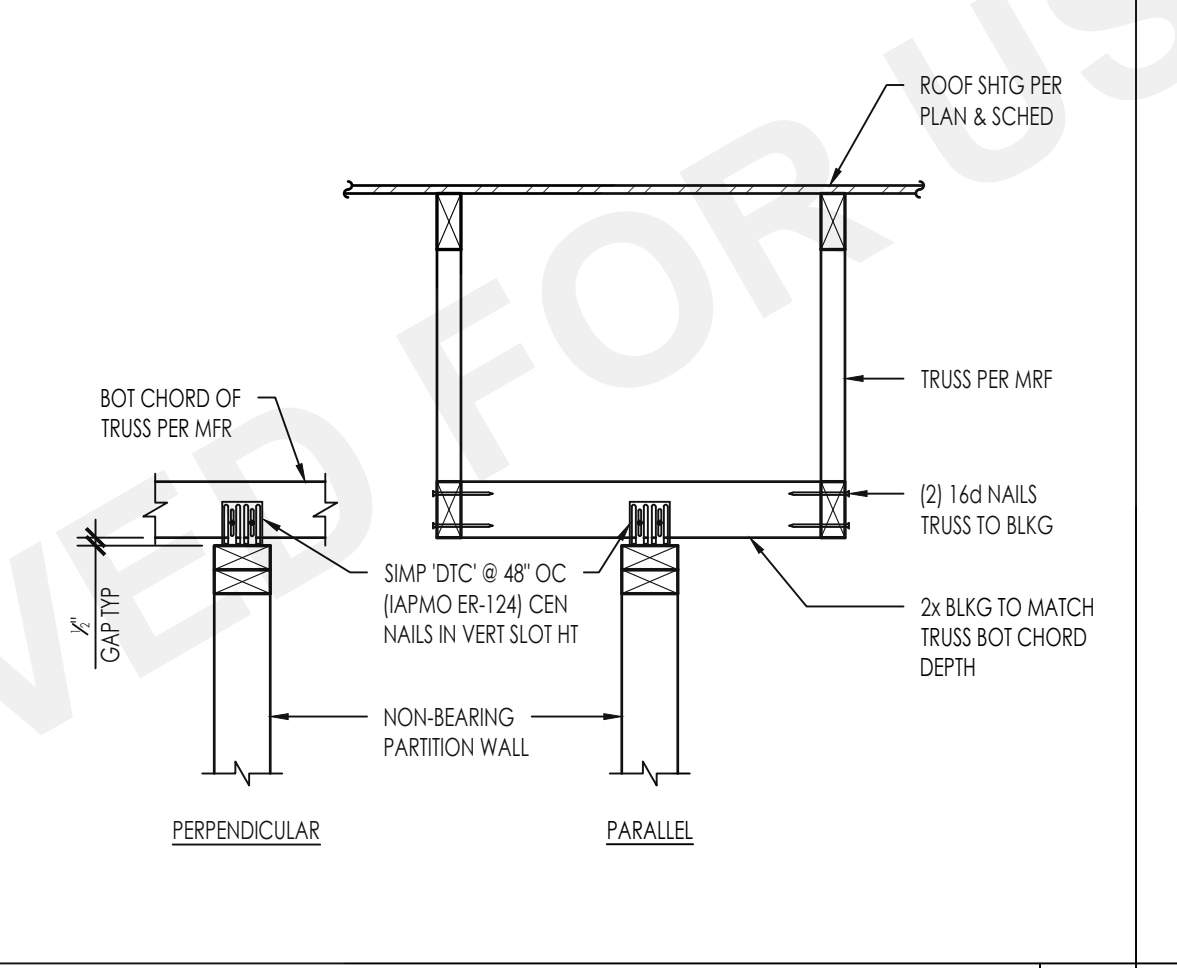
CALIFORNIA FRAMING SLEEPER
234601-C101-5401-34 NTS 34



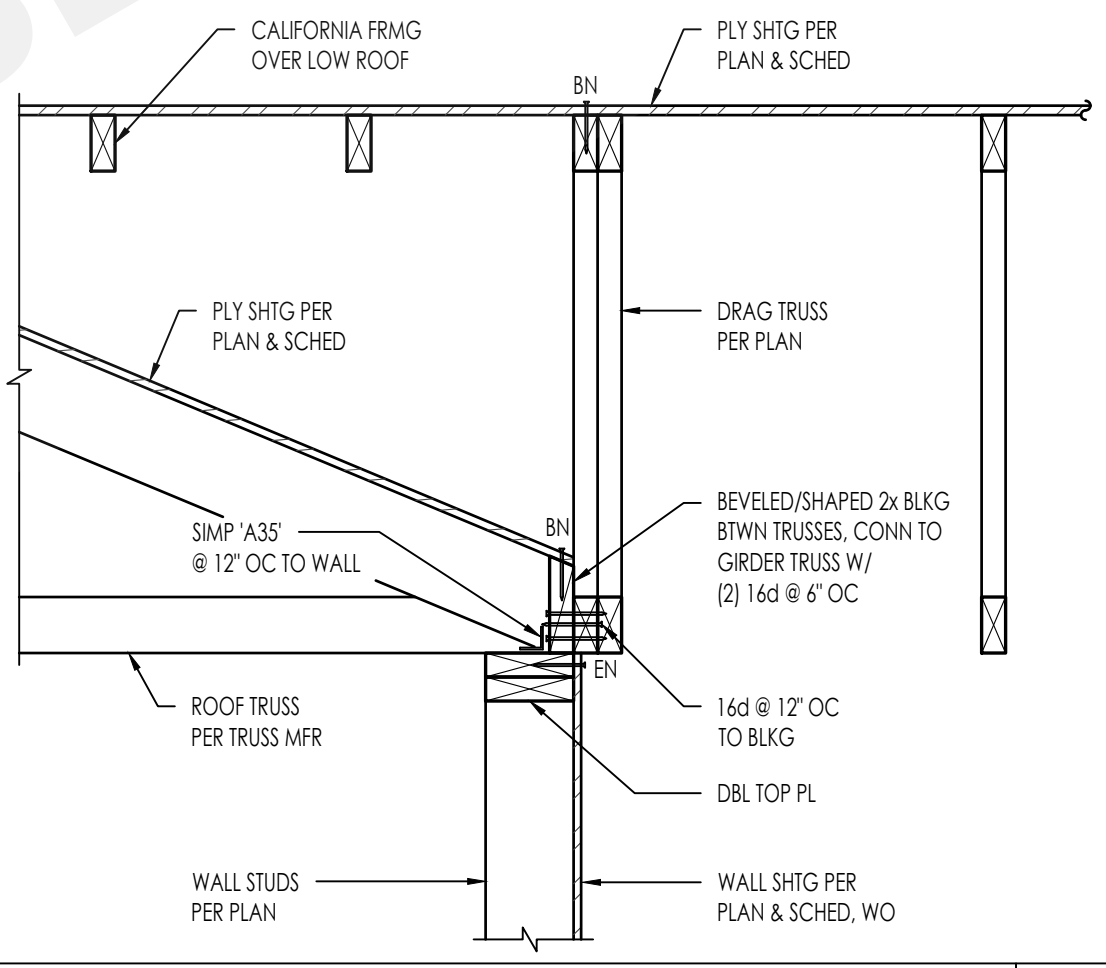
ROOF TRUSS PERP TO EXTERIOR WALL
234601-C101-5401-13 NTS 13



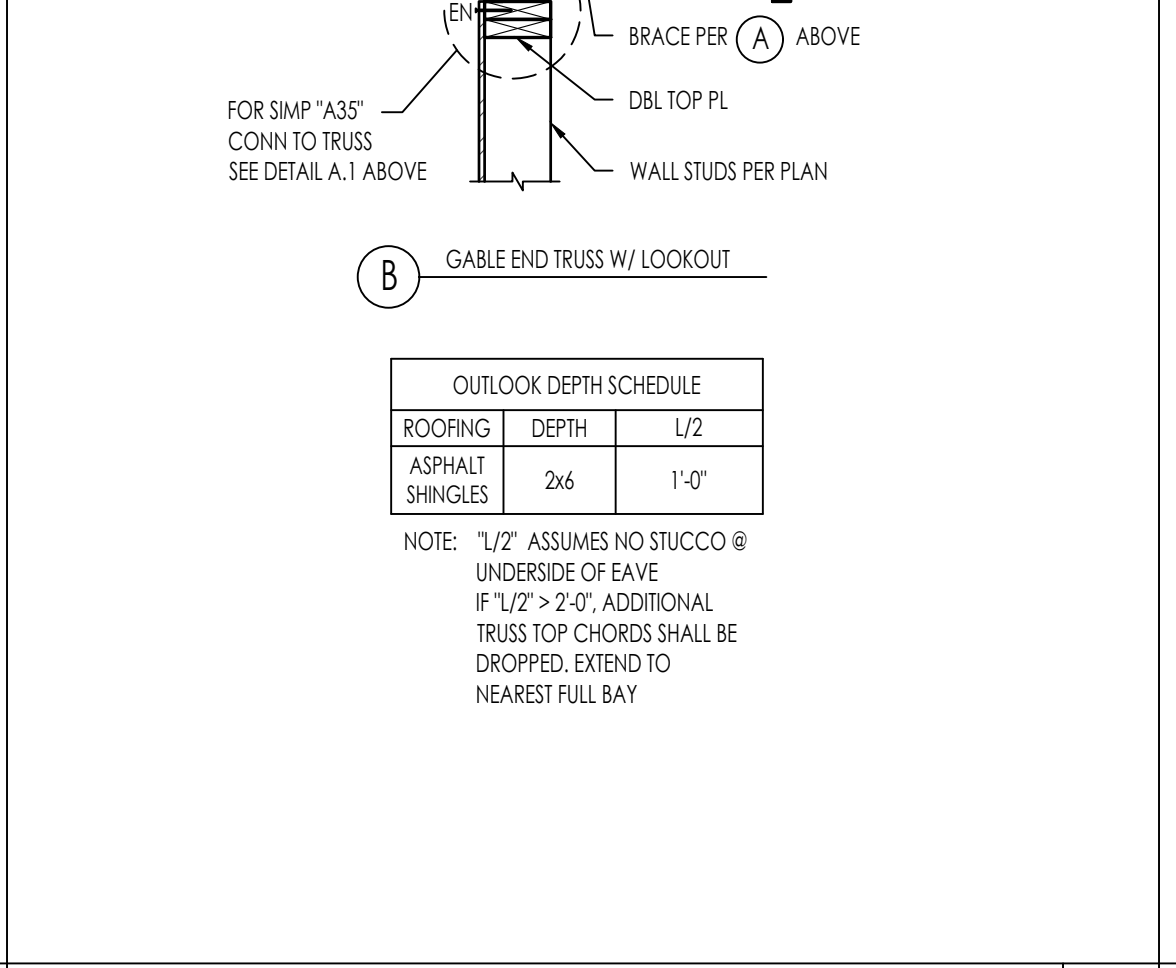
BEAM TO POST CONNECTION
234601-C101-5401-53 1" = 1'-0" 53



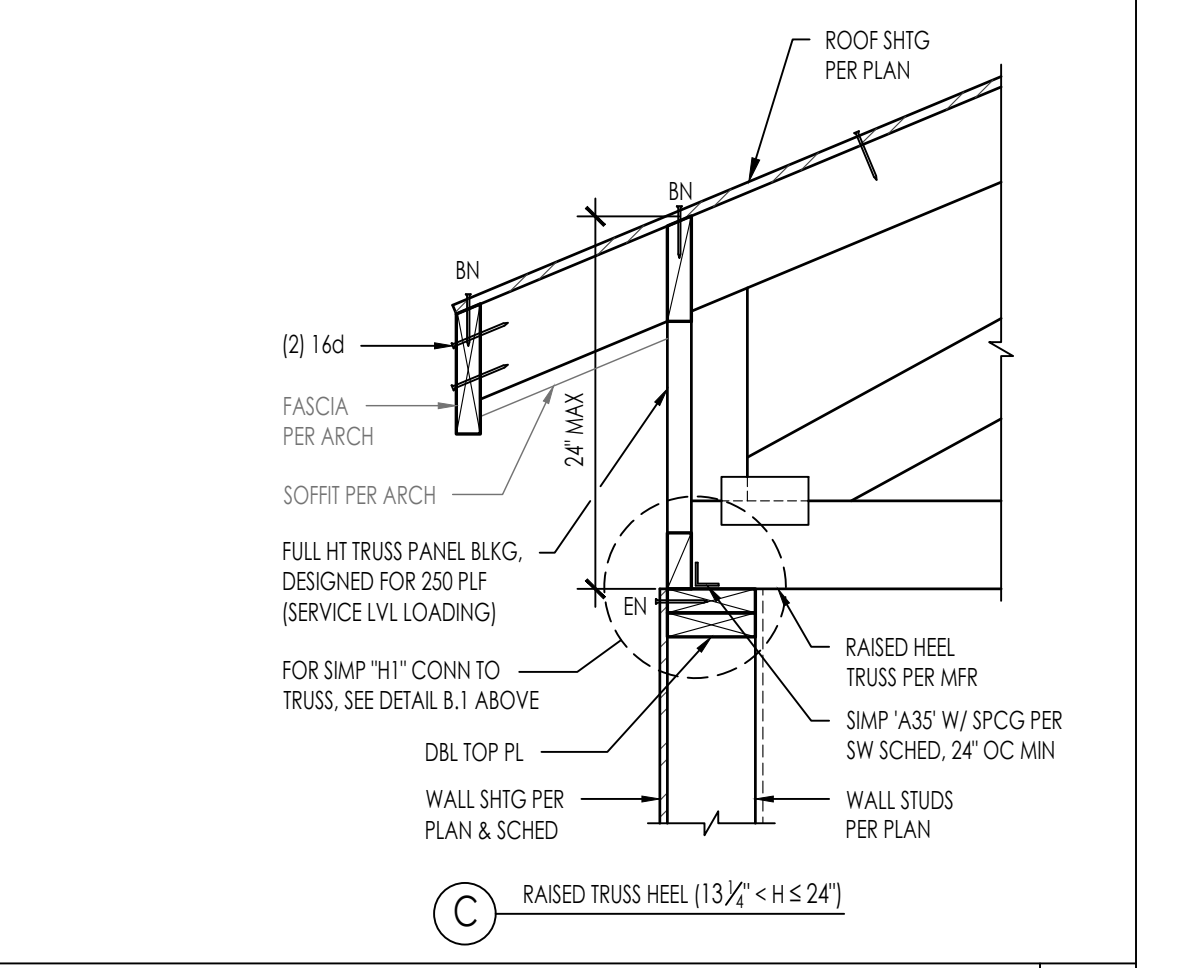
TRUSS OVER NON-BEARING PARTITION
234601-C101-5401-43 1" = 1'-0" 43



GABLE END TRUSS W/ LOOKOUT @ BEAM
234601-C101-5401-54 1" = 1'-0" 54



ROOF TRUSS PERP TO BEAM
234601-C101-5401-44 1" = 1'-0" 44



ROOF TRUSS PERP TO EXTERIOR WALL
234601-C101-5401-14 NTS 14

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51	41	ROOF RIDGE	234601-C121-1422-32	1" = 1'-0"	31	TRUSS ROOF @ BALLOON FRAMING	234601-C121-1422-31	1" = 1'-0"	21	RAFTER @ EXTERIOR SHEAR WALL	234601-C121-1422-11	1" = 1'-0"	11
52	42	RAFTER TO WALL BELOW	234601-C121-1422-32	1" = 1'-0"	32	RIDGE @ WALL BELOW	234601-C121-1422-32	1" = 1'-0"	22	RAFTER @ EXTERIOR SHEAR WALL	234601-C121-1422-11	1" = 1'-0"	12
53	43	ROOF RAFTER TO BEAM	234601-C121-1422-33	1" = 1'-0"	33	ROOF RAFTER TO EXTERIOR WALL (PERP)	234601-C121-1422-23	1" = 1'-0"	23	OUTLOOKER @ EXTERIOR SHEAR WALL	234601-C121-1422-13	1" = 1'-0"	13
54	44	INTERIOR SHEAR WALL (JOIST PARALLEL)	234601-C121-1422-34	1" = 1'-0"	34	ROOF TRANSITION DETAIL	234601-C121-1422-24	1" = 1'-0"	24	CHANGE IN ROOF FRAMING	234601-C121-1422-14	3/4" = 1'-0"	14

MONO COUNTY ADU
PROTOTYPES
MONO COUNTY

ROOF FRAMING DETAILS

DATE
NOVEMBER 20, 2023

SHEET

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