

NO.	REVISION	DATE

PROJECT MANAGER RR	CHECKED BY
DRAWN BY	CHECKED BY
DATE 6/30/2022	PROJECT NUMBER 2340-01-CU21
SHEET G-004	



RURAL MOUNTAIN



HIGH DESERT

MONO COUNTY PROTOTYPE ACCESSORY DWELLING UNIT - PLAN 4

MONO COUNTY, CA

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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: 42

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 4

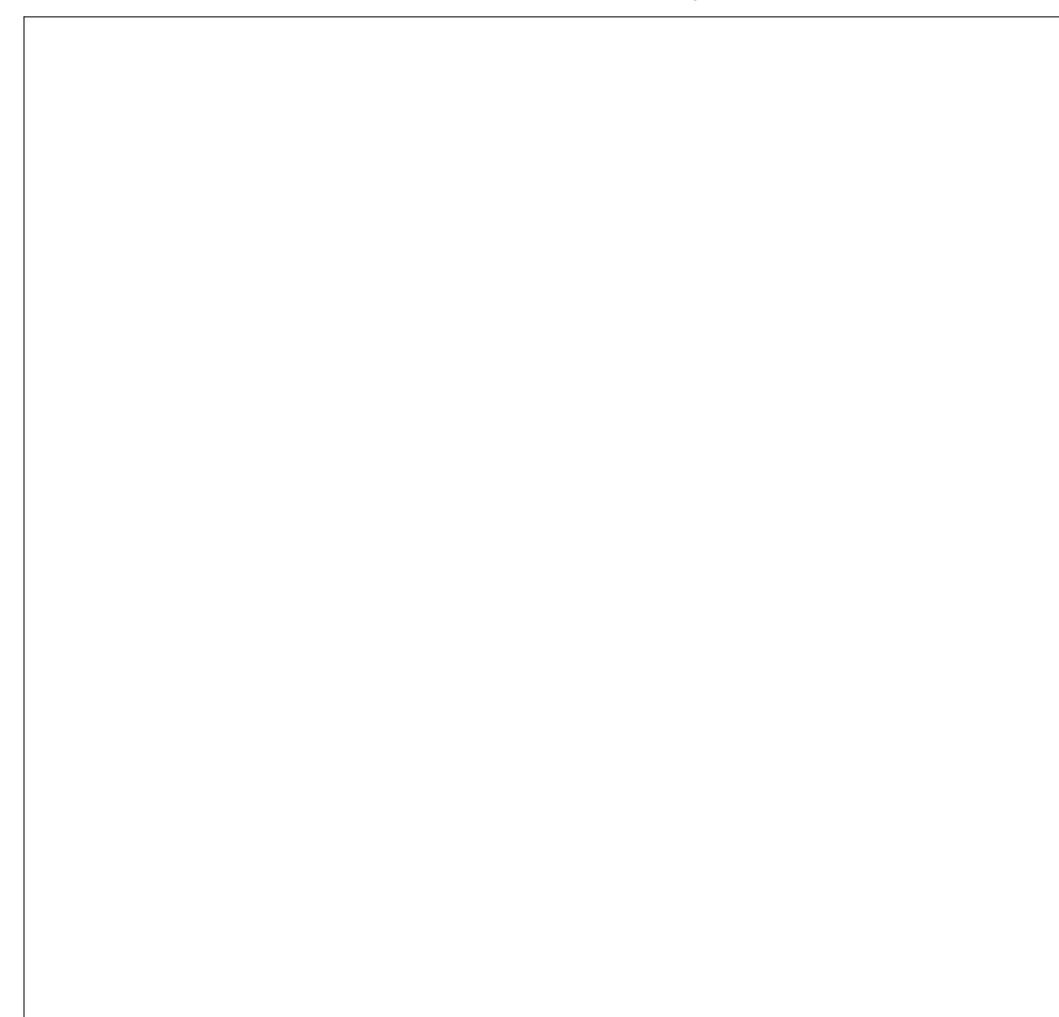
CONDITIONED	
PLAN 4 FLOOR	840 SF
UNCONDITIONED	
PLAN 4 FRONT PORCH - RM	43 SF

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.

<input type="checkbox"/>	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)	
<input type="checkbox"/>	PROJECTION SEPARATION DIST.: 23'-0"	
	OPENINGS, AND PENETRATIONS	NO FIRE-RESISTANCE RATING REQUIRED
	EXTERIOR WALLS AND PROJECTIONS	1-HR FIRE-RESISTANCE REFER TO EAVE AND RAKE DETAILS FOR MORE INFO
<input type="checkbox"/>	SPRINKLERED	
<input type="checkbox"/>	FIRE SEPARATION DISTANCE: 24'-0" (EXTERIOR WALLS, OPENINGS, AND PENETRATIONS)	NO FIRE-RESISTANCE RATING REQUIRED

VICINITY MAP



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
- RAISED FOUNDATION

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.
- AUTOMATIC FIRE SPRINKLER SYSTEM - AN AUTOMATIC FIRE SPRINKLER SYSTEM SHALL BE INSTALLED AS PER NFPA 13D THE MOST CURRENT EDITION. 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 903.2.1 GROUP R** AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.3 SHALL BE PROVIDED THROUGHOUT ALL BUILDINGS WITH A GROUP R FIRE AREA. THIS INCLUDES SINGLE FAMILY DWELLINGS, MULTI-FAMILY DWELLINGS AND ALL RESIDENTIAL CARE FACILITIES REGARDLESS OF OCCUPANT LOAD.
- SECTION 903.2.1.1** ADDITIONS AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH 903.3 MAY BE REQUIRED TO BE INSTALLED THROUGHOUT STRUCTURES WHEN THE ADDITION IS MORE THAN 50% OF THE EXISTING BUILDING OR WHEN THE ALTERED BUILDING WILL EXCEED A FIRE FLOW OF 1,500 GALLONS PER MINUTE AS CALCULATED PER SECTION 507.3. THE FIRE CODE OFFICIAL MAY REQUIRE AN AUTOMATIC SPRINKLER SYSTEM BE INSTALLED IN BUILDINGS WHERE NO WATER MAIN EXISTS TO PROVIDE THE REQUIRED FIRE FLOW OR WHERE A SPECIAL HAZARD EXISTS SUCH AS: POOR ACCESS ROADS, GRADE, BLUFFS AND CANYON RIMS, HAZARDOUS BRUSH AND RESPONSE TIMES GREATER THAN 5 MINUTES BY A FIRE DEPARTMENT.
- SECTION 903.2.1.2** REMODELS OR RECONSTRUCTION AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.3 MAY BE REQUIRED IF THE SCOPE OF WORK INCLUDES SIGNIFICANT MODIFICATION TO THE INTERIOR AND/OR ROOF OF THE BUILDING, AND THE COST OF THE INSTALLATION DOES NOT EXCEED 15 PERCENT OF THE CONSTRUCTION COSTS OF THE REMODEL.
- 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)

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 1.99 kWdc PV SYSTEM.
 - RAISED FOUNDATION PROJECT REQUIRES A 2.08 kWdc PV SYSTEM.
 - SYSTEM SHALL BE COMPLETED PRIOR TO FINAL INSPECTION.

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: _____
HARDSCAPE/PAVING: _____
LANDSCAPE: _____

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

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

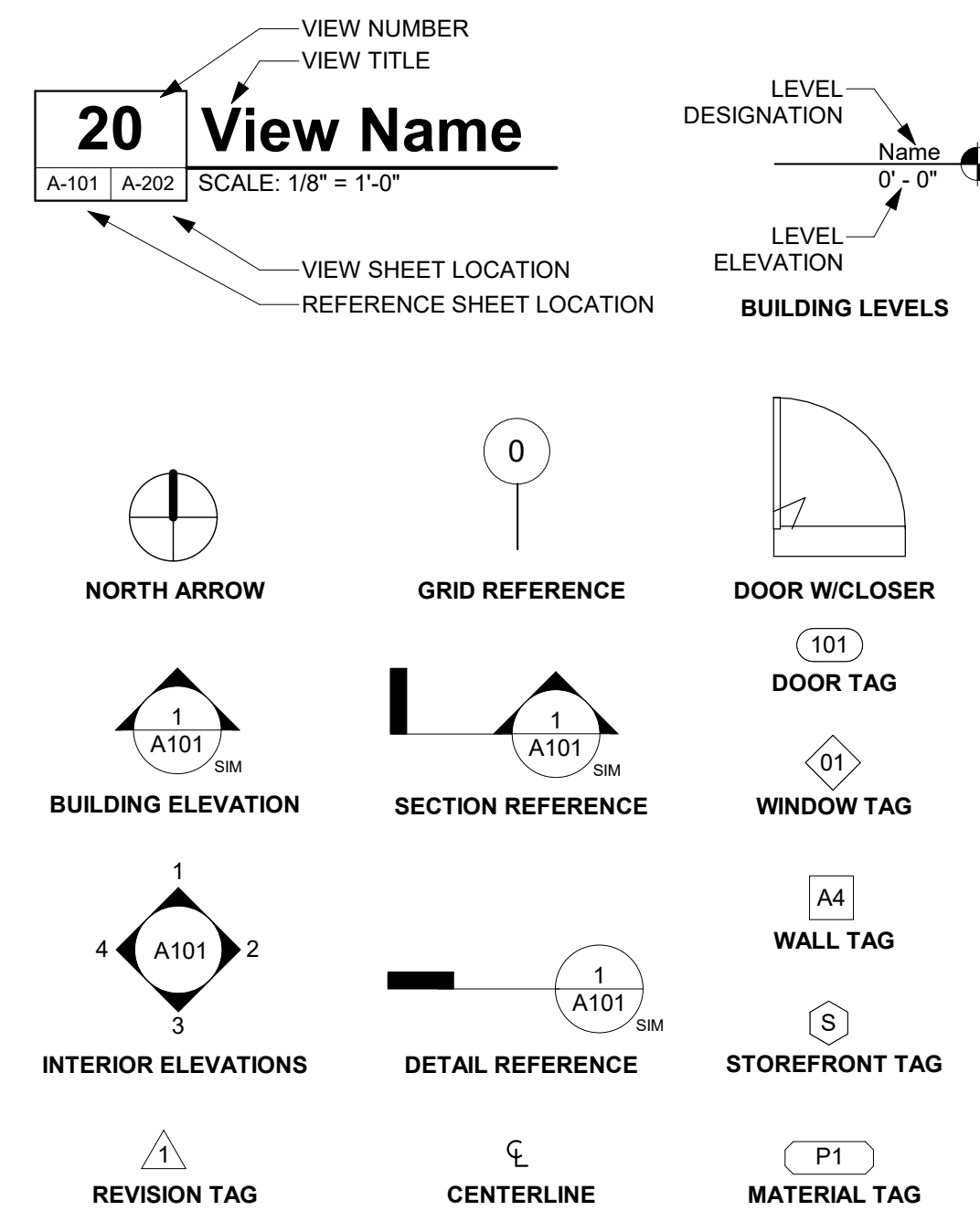
BUILDING INFORMATION:
(TO BE PROVIDED BY COUNTY OF MONO OR TOWN OF MAMMOTH LAKES)

NUMBER OF STORIES: _____ 1
OCCUPANCY GROUP: _____ R-3
CONSTRUCTION TYPE: _____ V-B
SPRINKLERED: _____
MAX. HEIGHT ALLOWED: (PER 2019 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 RATING: _____ CLASS A
HIGH FIRE ZONE: _____ REFER TO WILDLAND-URBAN INTERFACE FIRE AREA AND VERY-HIGH FIRE SEVERITY ZONE SECTIONS ON SHEET

ABBREVIATIONS

A/C	AIR CONDITIONING	FOIC	FURNISHED BY OWNER INSTALLED BY CONTRACTOR	PV	PHOTO VOLTAIC
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	GYPSON BOARD	RH	RIGHT HAND
BET	BETWEEN	GYP	GYPSON	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 ADHEREING 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
CBC	CEMENT	IIC	IMPACT INSULATION CLASS	SF	SQUARE FOOT
CFM	CUBIC FEET PER MINUTE	IN	INCH	SHT	SHEET
CIP	CAST IN PLACE	INCAND	INCANDESCENT	SHTG	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	SQUIRE
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	OPG	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	W/D	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	WEATHER 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



CONSULTANT

AGENCY

**MONO COUNTY ADU
 PROTOTYPES**
 MONO COUNTY
ABBREVIATIONS AND SYMBOLS

NO.	REVISION	DATE

PROJECT MANAGER
 RR
 DRAWN BY _____ CHECKED BY _____
 DATE
 6/30/2022
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 SHEET

G-102



TECHNICAL BULLETIN

ALL O'HAGIN'S ATTIC VENTILATION PRODUCTS ARE IN FULL COMPLIANCE WITH THE 2019 CBC WILDLAND-URBAN INTERFACE (WUI) CHAPTER 7A

This Technical Bulletin is set forth to advise Architects, Builders, Contractors, and all state/local officials that all O'Hagin's Attic Ventilation Products comply with the 2019 California Building Code, Chapter 7A Materials and Construction Methods for Exterior Wildfire Exposure, Section - 706A Vents when fitted with 1/8-inch wire mesh.

BACKGROUND:

Effective January 1, 2017, all new buildings located in any Fire Hazard Severity (State), Very-High Fire Hazard Severity Zone (Local), or Wildland-Urban Interface Fire Area shall comply with all sections of 2019 CBC, Chapter 7A, which states, in pertinent part, as follows:

"706A2. Requirements. Ventilation openings for enclosed attics, enclosed eave soffit spaces, enclosed rafter spaces formed where ceilings are applied directly to the underside of the roof rafters, and underfloor ventilation openings shall be fully covered with metal wire mesh, vents, other materials or other devices that meet the following requirements:

- 1. Vents shall be listed to ASTM E2886 and comply with all of the following:
1.1. There shall be no flaming ignition of the cotton material during the Ember Intrusion Test.
1.2. There shall be no flaming ignition during the Integrity Test portion of the Flame Intrusion Test.
1.3. The maximum temperature of the unexposed side of the vent shall not exceed 662°F (350°C).
2. Vents shall comply with all of the following:
2.1. The dimensions of the openings therein shall be a minimum of 1/16-inch (1.6 mm) and shall not exceed 1/8-inch (3.2 mm).
2.2. The materials used shall be noncombustible.

Exception: Vents located under the roof covering, along the ridge of roofs, with the exposed surface of the vent covered by noncombustible wire mesh, may be of combustible materials.

(2019 California Building Code, California Code of Regulations, Title 24, Part 2, Volume 1 of 2, Section 706A.2, p.299)

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With regard to attic ventilation products that utilize wire mesh in either 1/8-inch or 1/16-inch dimensions, the ICC-ES, Acceptance Criteria for Attic Vents, AC132, effective March 1, 2010, states, in pertinent part, as follows:

3.0 TEST AND PERFORMANCE REQUIREMENTS

3.1 Ventilation openings in the attic shall be protected by mesh, by a vent incorporating an opening cover other than mesh, or by a fibrous-mesh-type vent as defined in Section 1.4.1, 1.4.2 or 1.4.3. The attic vent shall be corrosion-resistant and shall prevent the entry of vermin into the attic.

3.2 Net Free Ventilation Area (NFVA): NFVA shall be determined in accordance with Section 4.1. Openings shall be covered with mesh, except as noted in Sections 3.2.1 and 3.2.2.

3.2.1 2009 IBC and 2009 IRC: For vents incorporating a corrosion-resistant metal mesh with mesh openings having a least dimension of 1/16 inch (1.6 mm) minimum and 1/4 inch (6.4 mm) maximum in one dimension, the ventilation area reported in the evaluation report shall be the NFVA determined in accordance with Section 4.1, reduced by 10 percent to address the effects of clogging.

3.2.2 2006 IBC and 2006 IRC: For vents incorporating a corrosion-resistant metal mesh with mesh openings less than 1/4 inch (6.4 mm) but no less than 1/8 inch (3.2 mm) in one dimension, the ventilation area reported in the evaluation report shall be the NFVA determined in accordance with Section 4.1, reduced by 10 percent to address the effects of clogging."

(Acceptance Criteria For Attic Vents, AC132, effective March 1, 2010, ICC-ES)

COMPLIANCE ISSUES:

Generally, the California Building Code serves as a minimum requirement for best building practices. As such, please contact your local building authority to see what requirements there are for that specific jurisdiction. For example, some may allow O'Hagin's attic vents with 1/8-inch wire mesh. For attic vents using 1/8-inch wire mesh, the NFVA rating of that vent, per AC132, above, is reduced by 10 percent. However, some jurisdictions may have other requirements including the use of O'Hagin's FIRE & ICE attic ventilation products. In any event, as explained more fully below, O'Hagin's attic ventilation products can help meet the requirements of most jurisdictions.

O'HAGIN'S VENTILATION PRODUCTS ARE IN FULL COMPLIANCE WITH THE 2019 CBC, CHAPTER 7A:

- All O'Hagin's FIRE & ICE attic ventilation products were accepted for use by the Office of the State Fire Marshal (OSFM) for plan and construction review projects under OSFM jurisdiction under the OSFM's prior program. (CBC Ch7A Compliance Policy 809-06, Effective 07-05-09).
Many local jurisdictions have approved for use all O'Hagin's FIRE & ICE attic ventilation products.
All O'Hagin's FIRE & ICE attic ventilation products may be protected by corrosion-resistant 23-27 gauge galvanized or stainless steel non-combustible wire mesh with 1/4-inch (6 mm) openings.
For O'Hagin's FIRE & ICE attic ventilation products with 1/4-inch wire mesh, the Net Free Ventilation Area (NFVA) of those products, as calculated by an independent third-party, are, as follows:

O'Hagin's FIRE & ICE Attic Vents for Clay and Concrete Tile:

- All Model Flat (Low-Profile) NFVA: 98.75 sq. in. per vent
All Model "M" (Medium-Profile) NFVA: 86.25 sq. in. per vent
All Model "S" (High-Profile) NFVA: 97.50 sq. in. per vent

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O'Hagin's FIRE & ICE Tapered Low-Profile Vents for Slate, Shake and Composition Roofs:

Tapered Low-Profile 72" NFVA: 72 sq. in. per vent

- All O'Hagin's FIRE & ICE attic ventilation products are available with corrosion-resistant, non-combustible 1/8-inch (3.2 mm) mesh upon request.
For those O'Hagin's attic ventilation products that use 1/8-inch wire mesh, the Net Free Ventilation Area (NFVA) of those products, as calculated by an independent third-party, is reduced by 10 percent. As such, the NFVA of those products is, as follows:

O'Hagin's Attic Vents for Clay and Concrete Tile:

- All Model Flat (Low-Profile) with 1/8-inch mesh NFVA: 88.875 sq. in. per vent
All Model "M" (Medium-Profile) with 1/8-inch mesh NFVA: 77.625 sq. in. per vent
All Model "S" (High-Profile) with 1/8-inch mesh NFVA: 87.75 sq. in. per vent

O'Hagin Mfg.'s Tapered Low-Profile Vents for Slate Shake and Composition Roofs:

Tapered Low-Profile 72" with 1/8-inch mesh NFVA: 64.80 sq. in. per vent

- All O'Hagin's FIRE & ICE and O'Hagin's standard attic ventilation products carry a Class 'A' fire rating in accordance with the test standard ANSI/UL 790, "Tests for Fire Resistance of Roof covering Materials," (ASTM E-108 and NFPA 256).
All O'Hagin's FIRE & ICE and O'Hagin's standard attic vents for clay and concrete tile feature our patented two-piece design that utilizes two or more separate sections of the non-combustible wire mesh (or, flame and ember-resistant material in O'Hagin's FIRE & ICE attic ventilation products), which provides additional resistance regarding the intrusion of flame and embers into the attic area of the structure.

TESTING STANDARDS INFORMATION:

Currently, there is no test for resistance of ember and flame intrusion for ridge, or off-ridge, attic vents that is recognized by the American Society for Testing and Materials (ASTM) or the California Department of Forestry and Fire Protection (Cal Fire). However, there is a proposed test standard for such vents currently under consideration, at the sub-committee level, with ASTM.

IMPLEMENTATION:

Check: http://www.fire.ca.gov/fire_prevention/fire_prevention_wildland_zones.php or, call O'Hagin's Architectural Services Team at (877) 324-0444 to determine whether, or not, your specific project is within an effected zone or region.

OTHER FACTORS:

There remain many factors in addition to the specification of O'Hagin's attic ventilation products that should be considered when designing to minimize risk due to wildfire danger, including, but not limited to, the following: the use of appropriate construction materials for exterior walls, non-combustible valley flashings/gutters/downspouts, tempered windows (window walls and skylights), debris-resistant gutters, Class A roof coverings, non-combustible exterior doors, no under-eave or soffit venting, fire-resistant landscaping and appropriate vegetation setbacks. Always check local ordinance and building practice.

Effective: January 1, 2011

Rev. October, 2017

Rev. January 1, 2020

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3765 SOUTH HIGUERA STREET, SUITE 102
SAN LUIS OBISPO, CA 93401
THE INCLUDED DRAWINGS, SPECIFICATIONS, DESIGN AND INFORMATION REPRESENTED THEREIN ARE AND SHALL REMAIN THE PROPERTY OF RRM DESIGN GROUP AND NO PART THEREOF SHALL BE COPIED, DISCLOSED TO OTHERS OR USED IN CONNECTION WITH ANY WORK OR PROJECT OTHER THAN THE SPECIFIED PROJECT FOR WHICH THEY HAVE BEEN PREPARED AND DEVELOPED WITHOUT THE WRITTEN CONSENT OF RRM DESIGN GROUP. RRM DESIGN GROUP SHALL NOT BE CONSIDERED A PARTY OF RRM DESIGN GROUP'S DESIGN. RRM DESIGN GROUP COPYRIGT 2022. RRM IS A CALIFORNIA CORPORATION

CONSULTANT

AGENCY

MONO COUNTY ADU
PROTOTYPES
MONO COUNTY
WILDLAND URBAN INTERFACE
PRODUCTS

Table with 3 columns: NO., REVISION, DATE. Contains 5 rows of empty revision entries.

PROJECT MANAGER: RR
DRAWN BY: CHECKED BY:
DATE: 6/30/2022
PROJECT NUMBER: 2340-01-CU21
SHEET: G-203

CERTIFICATE OF COMPLIANCE

Project Name: Mono County ADU (Plan 4)
Calculation Description: Title 24 Analysis

Calculation Date/Time: 2022-08-04T09:53:57-07:00
Input File Name: Mono County ADU (Plan 4)(raised foundation).ribd19x

CF1R-PRF-01E (Page 1 of 10)

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 (ft²), Existing Cond. Floor Area (ft²), Total Cond. Floor Area (ft²), ADU Bedroom Count, and Is Natural Gas Available?

COMPLIANCE RESULTS table with columns for ID, Description, and Status.

Registration Number: 222-PO10154875A-000-000-000000-0000
Registration Date/Time: 2022-08-05 09:50:46
HERS Provider: CaCERTS inc.
Report Version: 2019.2.000
Schema Version: rev 20200901

CERTIFICATE OF COMPLIANCE

Project Name: Mono County ADU (Plan 4)
Calculation Description: Title 24 Analysis

Calculation Date/Time: 2022-08-04T09:53:57-07:00
Input File Name: Mono County ADU (Plan 4)(raised foundation).ribd19x

CF1R-PRF-01E (Page 4 of 10)

REQUIRED PV SYSTEMS - SIMPLIFIED table with columns for DC System Size, Exemption, Module Type, Array Type, Power Electronics, CF1, Azimuth, Tilt, Array Angle, Tilt (x in 12), Inverter Eff (%), and Annual Solar Access (%).

REQUIRED SPECIAL FEATURES
The following are features that must be installed as condition for meeting the modeled energy performance for this computer analysis.
Indoor air quality, balanced fan
IAQ Ventilation System: as low as 0.418182 W/CFM

HERS FEATURE SUMMARY
The following is a summary of the features that must be field-verified by a certified HERS Rater as a condition for meeting the modeled energy performance for this computer analysis.
Building-level Verifications:
Indoor air quality ventilation
Kitchen range hood

Registration Number: 222-PO10154875A-000-000-000000-0000
Registration Date/Time: 2022-08-05 09:50:46
HERS Provider: CaCERTS inc.
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CERTIFICATE OF COMPLIANCE

Project Name: Mono County ADU (Plan 4)
Calculation Description: Title 24 Analysis

Calculation Date/Time: 2022-08-04T09:53:57-07:00
Input File Name: Mono County ADU (Plan 4)(raised foundation).ribd19x

CF1R-PRF-01E (Page 7 of 10)

OPAQUE SURFACE CONSTRUCTIONS table with columns for Construction Name, Surface Type, Construction Type, Framing, Total Cavity R-value, Interior / Exterior Continuous R-value, U-factor, and Assembly Layers.

BUILDING ENVELOPE - HERS VERIFICATION table with columns for Quality Insulation Installation (QII), High R-value Spray Foam Insulation, Building Envelope Air Leakage, and CFM50.

WATER HEATING SYSTEMS table with columns for Name, System Type, Distribution Type, Water Heater Name (#), Solar Heating System, Compact Distribution, and HERS Verification.

HVAC - HEAT PUMPS table with columns for Name, System Type, Number of Units, Heating HSPF/COP, Cooling SEER, Zonally Controlled, Compressor Type, and HERS Verification.

Registration Number: 222-PO10154875A-000-000-000000-0000
Registration Date/Time: 2022-08-05 09:50:46
HERS Provider: CaCERTS inc.
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CERTIFICATE OF COMPLIANCE

Project Name: Mono County ADU (Plan 4)
Calculation Description: Title 24 Analysis

Calculation Date/Time: 2022-08-04T09:53:57-07:00
Input File Name: Mono County ADU (Plan 4)(raised foundation).ribd19x

CF1R-PRF-01E (Page 2 of 10)

ENERGY USE SUMMARY table with columns for Energy Use (kWh/ft²-yr), Standard Design, Proposed Design, Compliance Margin, and Percent Improvement.

Registration Number: 222-PO10154875A-000-000-000000-0000
Registration Date/Time: 2022-08-05 09:50:46
HERS Provider: CaCERTS inc.
Report Version: 2019.2.000
Schema Version: rev 20200901

CERTIFICATE OF COMPLIANCE

Project Name: Mono County ADU (Plan 4)
Calculation Description: Title 24 Analysis

Calculation Date/Time: 2022-08-04T09:53:57-07:00
Input File Name: Mono County ADU (Plan 4)(raised foundation).ribd19x

CF1R-PRF-01E (Page 5 of 10)

BUILDING - FEATURES INFORMATION table with columns for Project Name, Conditioned Floor Area (ft²), Number of Dwelling Units, Number of Bedrooms, Number of Zones, Number of Ventilation Cooling Systems, and Number of Water Heating Systems.

ZONE INFORMATION table with columns for Zone Name, Zone Type, HVAC System Name, Zone Floor Area (ft²), Avg. Ceiling Height, Water Heating System 1, and Water Heating System 2.

OPAQUE SURFACES table with columns for Name, Zone, Construction, Azimuth, Orientation, Gross Area (ft²), Window and Door Area (ft²), and Tilt (deg).

ATTIC table with columns for Name, Construction, Type, Roof Rise (x in 12), Roof Reflectance, Roof Emittance, Radiant Barrier, and Cool Roof.

Registration Number: 222-PO10154875A-000-000-000000-0000
Registration Date/Time: 2022-08-05 09:50:46
HERS Provider: CaCERTS inc.
Report Version: 2019.2.000
Schema Version: rev 20200901

CERTIFICATE OF COMPLIANCE

Project Name: Mono County ADU (Plan 4)
Calculation Description: Title 24 Analysis

Calculation Date/Time: 2022-08-04T09:53:57-07:00
Input File Name: Mono County ADU (Plan 4)(raised foundation).ribd19x

CF1R-PRF-01E (Page 8 of 10)

WATER HEATERS table with columns for Name, Heating Element Type, Tank Type, # of Units, Tank Vol. (gal), Energy Factor or Efficiency, Input Rating or Pilot, Tank Insulation R-value, Standby Loss or Recovery Eff, 1st Hr. Rating or Flow Rate, NEEA Heat Pump Brand or Model, and Tank Location or Ambient Condition.

WATER HEATING - HERS VERIFICATION table with columns for Name, Pipe Insulation, Parallel Piping, Compact Distribution, Compact Distribution Type, Recirculation Control, Central DHW Distribution, and Shower Drain Water Heat Recovery.

SPACE CONDITIONING SYSTEMS table with columns for Name, System Type, Heating Unit Name, Cooling Unit Name, Fan Name, Distribution Name, Required Thermostat Type, Status, Verified Equipment Condition, Heating Equipment Count, and Cooling Equipment Count.

HVAC - HEAT PUMPS table with columns for Name, System Type, Number of Units, Heating HSPF/COP, Cooling SEER, Zonally Controlled, Compressor Type, and HERS Verification.

Registration Number: 222-PO10154875A-000-000-000000-0000
Registration Date/Time: 2022-08-05 09:50:46
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CERTIFICATE OF COMPLIANCE

Project Name: Mono County ADU (Plan 4)
Calculation Description: Title 24 Analysis

Calculation Date/Time: 2022-08-04T09:53:57-07:00
Input File Name: Mono County ADU (Plan 4)(raised foundation).ribd19x

CF1R-PRF-01E (Page 3 of 10)

ENERGY USE SUMMARY table with columns for Energy Use (kWh/ft²-yr), Standard Design, Proposed Design, Compliance Margin, and Percent Improvement.

Registration Number: 222-PO10154875A-000-000-000000-0000
Registration Date/Time: 2022-08-05 09:50:46
HERS Provider: CaCERTS inc.
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Project Name: Mono County ADU (Plan 4)
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Calculation Date/Time: 2022-08-04T09:53:57-07:00
Input File Name: Mono County ADU (Plan 4)(raised foundation).ribd19x

CF1R-PRF-01E (Page 6 of 10)

FENESTRATION / GLAZING table with columns for Name, Type, Surface, Orientation, Azimuth, Width (ft), Height (ft), Mult., Area (ft²), U-factor, SHGC, and Exterior Shading.

OPAQUE DOORS table with columns for Name, Side of Building, Area (ft²), and U-factor.

OPAQUE SURFACE CONSTRUCTIONS table with columns for Construction Name, Surface Type, Construction Type, Framing, Total Cavity R-value, Interior / Exterior Continuous R-value, U-factor, and Assembly Layers.

Registration Number: 222-PO10154875A-000-000-000000-0000
Registration Date/Time: 2022-08-05 09:50:46
HERS Provider: CaCERTS inc.
Report Version: 2019.2.000
Schema Version: rev 20200901

CERTIFICATE OF COMPLIANCE

Project Name: Mono County ADU (Plan 4)
Calculation Description: Title 24 Analysis

Calculation Date/Time: 2022-08-04T09:53:57-07:00
Input File Name: Mono County ADU (Plan 4)(raised foundation).ribd19x

CF1R-PRF-01E (Page 9 of 10)

HVAC HEAT PUMPS - HERS VERIFICATION table with columns for Name, Verified Airflow, Airflow Target, Verified EER, Verified SEER, Verified Refrigerant Charge, Verified HSPF, Verified Heating Cap 47, and Verified Heating Cap 17.

VARIABLE CAPACITY HEAT PUMP COMPLIANCE OPTION - HERS VERIFICATION table with columns for 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 RA3.3-3.4.1, and Certified non-continuous Fan.

IAQ (INDOOR AIR QUALITY) FANS table with columns for Dwelling Unit, IAQ CFM, IAQ Wats/CFM, IAQ Fan Type, IAQ Recovery Effectiveness - SRE, IAQ Recovery Effectiveness - ASRE, and HERS Verification.

Registration Number: 222-PO10154875A-000-000-000000-0000
Registration Date/Time: 2022-08-05 09:50:46
HERS Provider: CaCERTS inc.
Report Version: 2019.2.000
Schema Version: rev 20200901

CERTIFIED ENERGY ANALYST
HERS PROVIDER
Mono County Plan 4 Raised Foundation

CABEC
CERTIFIED ENERGY ANALYST
Timothy Carls
Call us for HERS Testing

SITE PLAN GENERAL NOTES

- REFER TO GENERAL NOTES SHEET G-101 FOR ADDITIONAL REQUIREMENTS
- REFER TO STRUCTURAL PLANS FOR FURTHER INFORMATION.
- CONTRACTOR TO REVIEW PLANS TO AVOID CONFLICTS WITH UTILITIES, I.E. METER LOCATIONS, ELECTRIC TRANSFORMER, BACKFLOW PREVENTERS, SEWER LINES AND ELECTRIC CONDUIT (POLE LIGHTING AT DRIVEWAY), ETC.
- CONTRACTOR TO VERIFY ALL CONDITIONS AND UTILITY LOCATIONS AND IS RESPONSIBLE FOR LOCATING UTILITIES NOT SHOWN ON THE DRAWINGS.
- CONTRACTOR TO AVOID DISTURBING OR DAMAGING EXISTING UTILITIES.
- CALL BEFORE YOU DIG OR CAUSE ANY GROUND DISTURBANCES.
- LIMIT CONSTRUCTION AREA TO THAT INDICATED ON THE PLANS.
- CONTRACTOR WILL BE RESPONSIBLE FOR DAMAGE TO AREAS OUTSIDE OF DESIGNATED CONSTRUCTION AREA.
- COORDINATE ELECTRICAL REQUIREMENTS WITH PG&E.
- FOR PROJECT INFORMATION DATA, SEE TITLE SHEET.
- ENCROACHMENT PERMIT IS REQ. FOR ANY WORK DONE WITHIN THE RIGHT OF WAYS.
- PER CRC R311.3 FLOORS OR LANDINGS AT EXTERIOR DOORS SHALL BE AT LEAST AS WIDE AS DOOR SERVED AND SHALL PROVIDE A LENGTH IN THE DIRECTION OF TRAVEL EQUAL TO 36 INCHES MINIMUM. SLOPE OF EXTERIOR LANDINGS SHALL NOT EXCEED 1/4" PER FOOT (2% SLOPE).

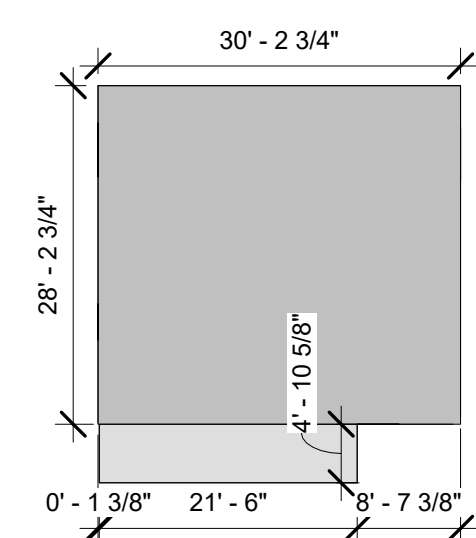
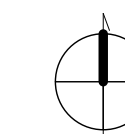
SITE PLAN CHECKLIST

- DRAWING SCALE**
SITE PLAN SHOULD BE DRAWN TO A MEASURABLE SCALE.
- PROPERTY LINES**
SHOW OUTLINE OF PROPERTY USING DASHED LINE IN LEGEND
- 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 PROPERTY LINE OR OTHER STRUCTURES SHALL BE 4' MINIMUM)
- EASEMENTS (IF APPLICABLE)**
REFER TO LEGEND. MAY INCLUDE UTILITY R.O.W.
- LOCATION OF EXISTING UTILITIES**
UTILITIES, POLES, SWERE DRAINS, ELECTRICAL, GAS METERS AND LINES AND ANY PHOTOVOLTATIC.
- LABEL STREETS & SIDEWALKS**
- LABEL ADU AND ADDRESS LOCATION**
ADU WILL HAVE SAME ADDRESS AS THE PRIMARY RESIDENCE, AND THE LETTER SHALL BE VISIBLE FROM THE STREET.
- FOOTPRINT OF EXISTING BUILDING**
THIS INCLUDES ALL STRUCTURES/PORCHES/GAZEBOS
- FOOTPRINT OF PROPOSED ADU**
REFER TO LEGEND FOR FOOTPRINT AT 10'=1" SCALE
- DIMENSION BUILDING SEPARATION**
DIMENSION THE DISTANCE BETWEEN THE PROPOSED ADU AND ANY EXISTING STRUCTURES

CONSULTANT

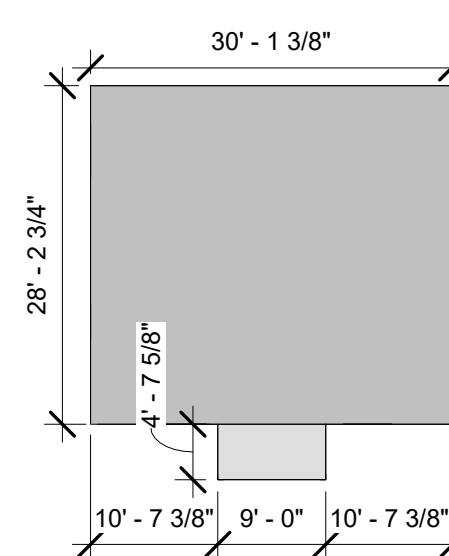
AGENCY

SITE PLAN (TO BE PROVIDED BY APPLICANT)



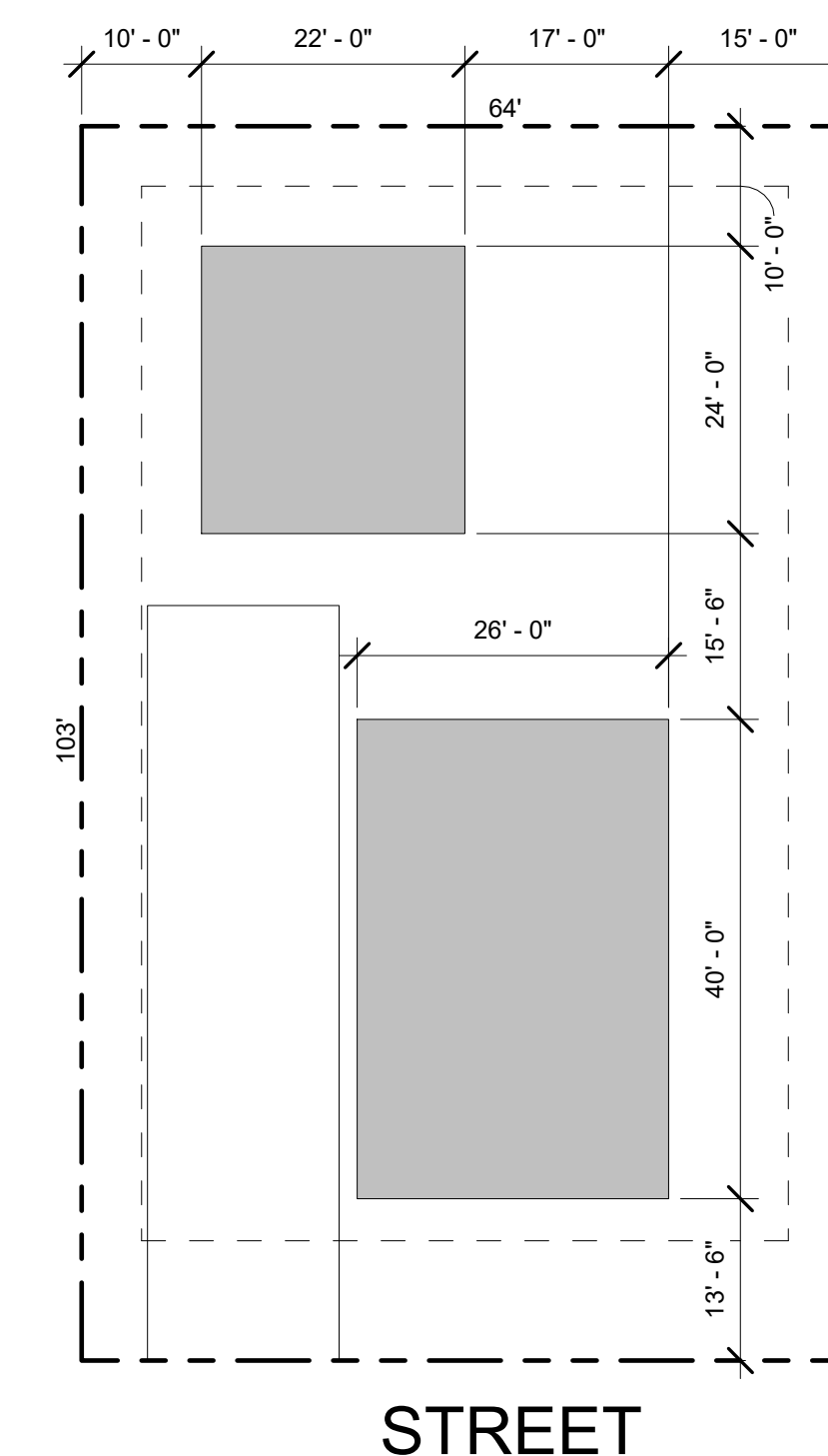
3 PLAN 4 - HIGH DESERT

A1-201 | AS-104 SCALE: 1/16" = 1'-0"



2 PLAN 4 - RURAL MOUNTAIN

A1-201 | AS-104 SCALE: 1/16" = 1'-0"



1 EXAMPLE SITE PLAN

A1-201 | AS-104 SCALE: 1/16" = 1'-0"

SITE PLAN LEGEND

- PROPERTY LINE
- SETBACK
- EASTMENT
- ACCESSIBLE PATH OF TRAVEL
(SHALL BE 48" MIN. CBC 11B-403.5)
- CONCRETE PAVING
- LANDSCAPE AREA. REFER TO LANDSCAPE DRAWINGS.

**MONO COUNTY ADU
PROTOTYPES**
 MONO COUNTY
**ARCHITECTURAL SITE PLAN -
PLAN 4**

NO.	REVISION	DATE

PROJECT MANAGER
RR

DRAWN BY _____ **CHECKED BY** _____

DATE
6/30/2022

PROJECT NUMBER
2340-01-CU21

SHEET

AS-104

NO.	REVISION	DATE

PROJECT MANAGER	
RR	CHECKED BY
DATE	
6/30/2022	
PROJECT NUMBER	
2340-01-CU21	
SHEET	

FLOOR PLAN GENERAL NOTES

- REFER TO GENERAL NOTES SHEET G-101 AND G-102 FOR ADDITIONAL REQUIREMENTS.
- REFER TO STRUCTURAL PLANS FOR FURTHER INFORMATION.
- REFER TO ELECTRICAL PLANS FOR FURTHER INFORMATION IF PROVIDED.
- REFER TO MECHANICAL PLANS, DRAWINGS OR REPORTS FOR FURTHER INFORMATION.
- ALL FURNITURE AND EQUIPMENT IS BY OWNER AND IS SHOWN FOR COORDINATION PURPOSES ONLY.
- DIMENSIONS ARE TO FACE OF FRAMING UNLESS SPECIFICALLY NOTED OTHERWISE.
- PROVIDE ADEQUATE BLOCKING IN WALLS FOR CABINETS AND OTHER WALL MOUNTED ACCESSORIES INCLUDING BUT NOT LIMITED TO HANDRAILS, SHELVING AND BATHROOM FIXTURES.
- PROVIDE FIREBLOCKING FOR WALL CAVITIES THAT EXCEED 2019 CBC HEIGHT LIMITATIONS.
- DOOR AND WINDOW DIMENSIONS ARE CENTERED AT OPENINGS.
- WHERE DOOR IS LOCATED WITHOUT DIMENSION AT THE CORNER OF A ROOM IT SHALL BE 4" FROM FACE OF FRAMING OF ADJACENT WALL TO ROUGH DOOR OPENING.
- WHERE RECESSED FIXTURES OCCUR IN WALLS OR HORIZONTAL ASSEMBLIES, THE FIRE RATING OF THOSE ASSEMBLIES SHALL BE MAINTAINED.
- AT ALL PENETRATIONS AND INTERSECTIONS OF FIRE-RATED PARTITIONS, PROVIDE FIRE SEALANT AND/OR FIRE STOPPING TO MAINTAIN CONTINUITY OF PARTITION RATING.

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

- REFER TO GENERAL NOTES SHEET G-101 FOR ADDITIONAL REQUIREMENTS.
- REFER TO PLANS FOR LOCATION OF DOORS.
- VERIFY ROUGH OPENING SIZE WITH DOOR MANUFACTURER SPECIFICATIONS PRIOR TO CONSTRUCTION.
- CONTRACTOR TO VERIFY ACTUAL DOOR SIZE TO FIT FINISH OPENING PRIOR TO FABRICATION OF DOOR AND FINISH OPENING.
- INSTALL PER MANUFACTURERS WRITTEN INSTRUCTIONS.
- 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:
 - STILES AND RAILS SHALL NOT BE LESS THAN 1-3/8" THICK.
 - 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.
- REFER TO DOOR TYPES LEGEND FOR GLAZING.
- REFER TO T24 REPORT FOR GLAZING ENERGY REQUIREMENTS.
- GLAZING IN DOORS SHALL BE TEMPERED PER SECTION R308.4.1.

DOOR REMARKS

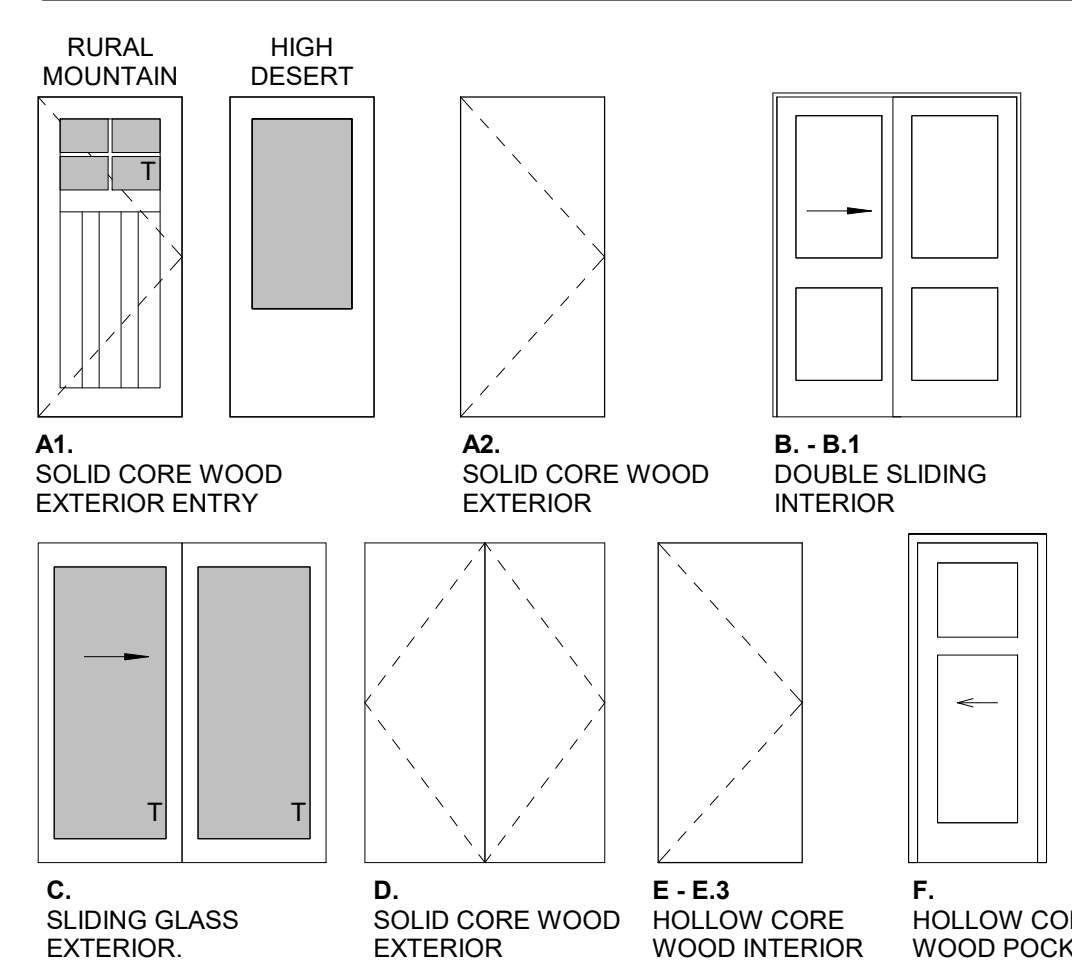
- FIRE RATED DOOR. REFER TO GENERAL DOOR NOTE #5
- GLAZING PER DOOR TYPES. TEMPERED.
- PROVIDE 100 SQ INCHES OF VENTING IN DOOR OR BY OTHER APPROVED MEANS.
- OPTIONAL DOOR.
- OPTIONAL GLAZING IN DOOR. TEMPERED (BOTH PANES).

DOOR SCHEDULE

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

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

DOOR LEGEND



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.
- A16 MICROWAVE OVER RANGE.
- 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. 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 FAN COIL UNITS. REFER TO TITLE 24 FOR ADDITIONAL INFORMATION.
- B41 FAN COIL. REFER TO PLANS FOR LOCATION OF OUTDOOR CONDENSING UNIT. 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.
- C12 34 1/2" HIGH BASE CABINET AND COUNTERTOP.
- C13 30" HIGH BASE CABINET AND COUNTERTOP.
- 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.

WINDOW GENERAL NOTES

- REFER TO GENERAL NOTES ON SHEET G-101 FOR ADDITIONAL REQUIREMENTS.
- REFER TO FLOOR PLANS FOR WINDOW LOCATIONS.
- CONTRACTOR TO VERIFY EXACT ROUGH OPENING SIZES PRIOR TO FABRICATION OF ROUGH OPENINGS.
- INSTALL PER MANUFACTURERS WRITTEN INSTRUCTIONS.
- REFER TO ENERGY COMPLIANCE REPORTS FOR U-FACTOR, SHGC AND ADDITIONAL WINDOW REQUIREMENTS.
- ALL GLAZING IS DOUBLE PANE WITH A MINIMUM OF ONE TEMPERED PANE UNLESS OTHERWISE NOTED.
- EGRESS WINDOWS SHALL HAVE A CLEAR OPENING WITH A MAX. SILL HEIGHT OF 44" AFF. MIN NET CLEAR OPENING FOR EMERGENCY ESCAPE SHALL BE 5.7 S.F. EXCEPTION: MIN 5 S.F. AT GROUND FLOOR. MINIMUM NET CLEAR OPENING DIMENSIONS: HEIGHT: 24", WIDTH: 20".

WINDOW REMARKS

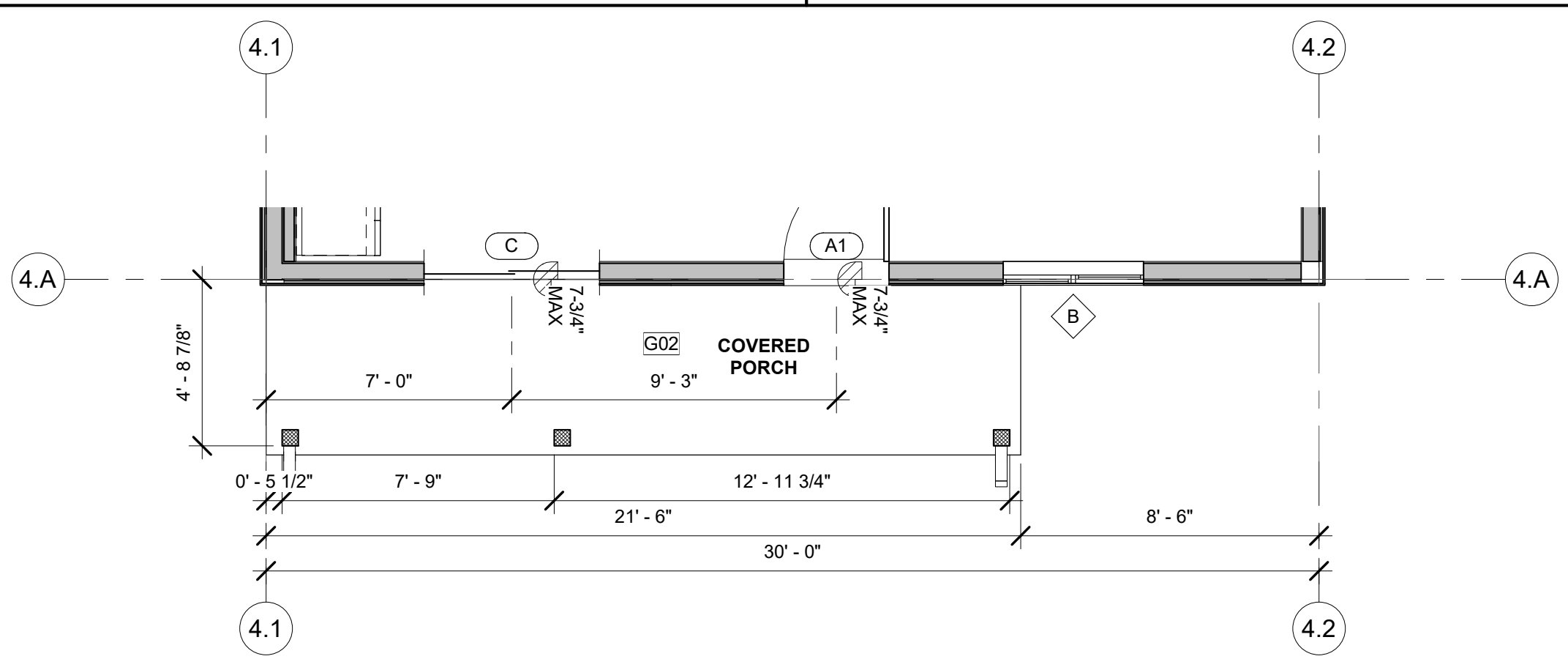
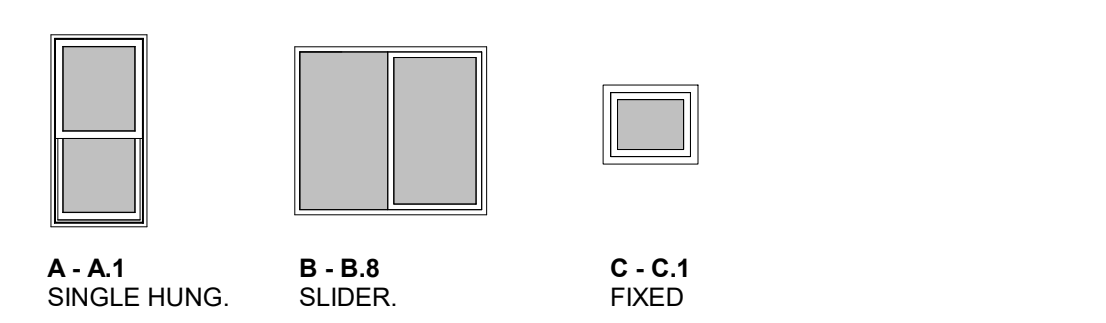
- REQUIRED EGRESS WINDOW. REFER TO GENERAL NOTE #7 FOR ADDITIONAL INFORMATION.
- HAZARDOUS LOCATION. WINDOW INCLUDES BOTH PANES TEMPERED GLAZING.
- HIGH WINDOW. REFER TO ELEVATIONS FOR LOCATION.

WINDOW SCHEDULE

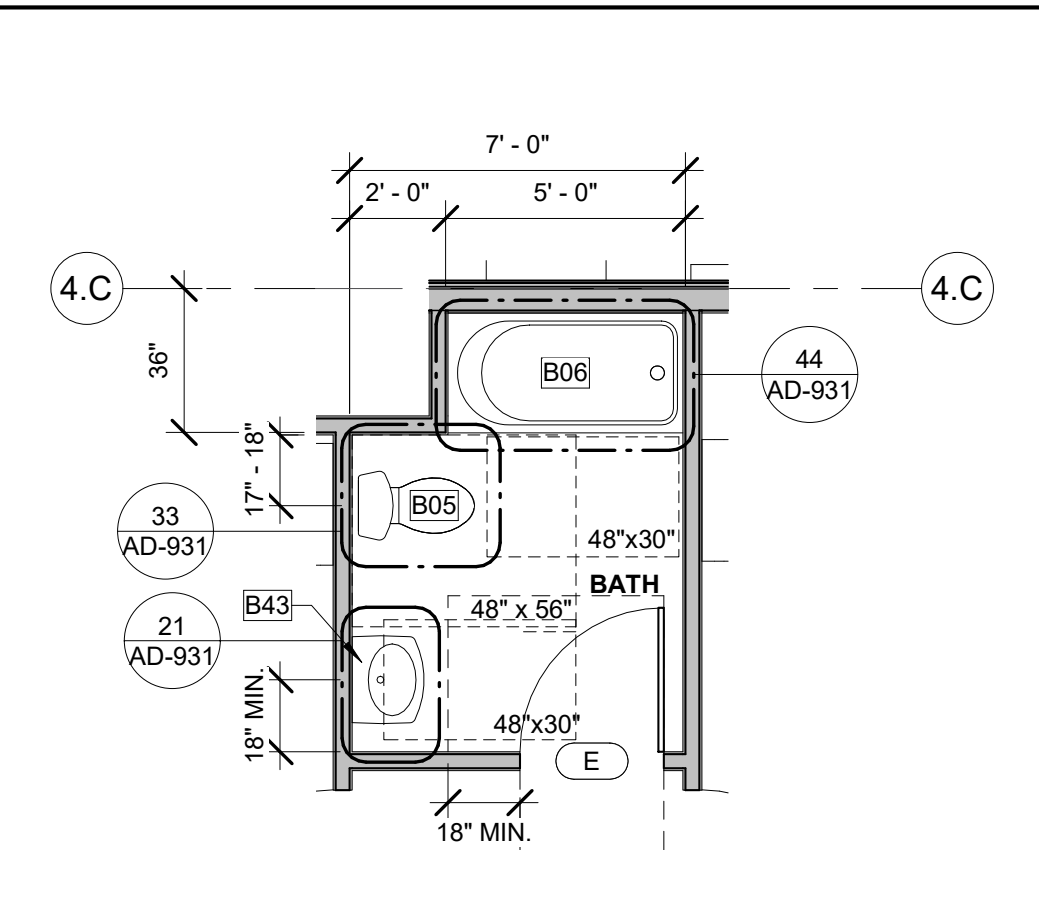
SCHEDULE-WINDOW PLAN 4 RURAL MOUNTAIN						
NO.	TYPE	COUNT	SIZE		HEAD HEIGHT	REMARKS
			WIDTH	HEIGHT		
PLAN 4	B	1	4'-0"	4'-0"	6'-9"	
PLAN 4	B.1	1	3'-0"	3'-0"	6'-8"	
PLAN 4	B.3	2	4'-6"	4'-0"	6'-8"	1
PLAN 4	B.5	1	5'-0"	4'-0"	6'-9"	

SCHEDULE-WINDOW PLAN 4 HIGH DESERT						
NO.	TYPE	COUNT	SIZE		HEAD HEIGHT	REMARKS
			WIDTH	HEIGHT		
PLAN 4	B	1	4'-0"	4'-0"	6'-8"	
PLAN 4	B.1	1	3'-0"	3'-0"	6'-8"	
PLAN 4	B.3	2	4'-6"	4'-0"	6'-8"	1
PLAN 4	C	3	1'-8"	1'-4"	11'-10"	3

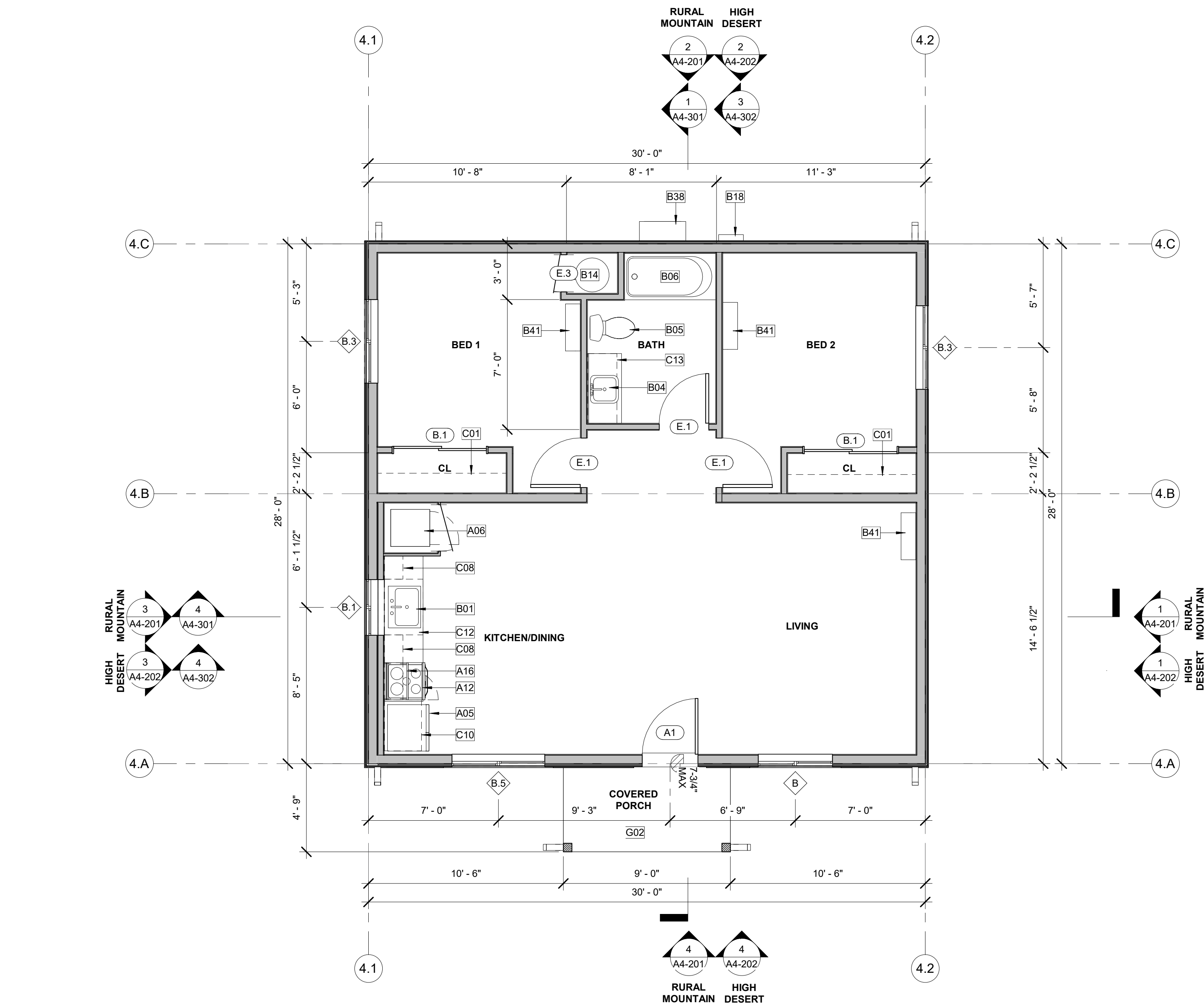
WINDOW LEGEND



1 PLAN 4 - HIGH DESERT PORCH
 A4-101 SCALE: 1/4" = 1'-0"



3 OPT. ADAPTABLE BATH
 A1-201 | A4-101 SCALE: 1/4" = 1'-0"



2 PLAN 4 - GROUND FLOOR PLAN (RURAL MOUNTAIN PORCH)
 A1-201 | A4-101 1/4" = 1'-0"

NO.	REVISION	DATE

PROJECT MANAGER	
RR	
DRAWN BY	CHECKED BY
DATE	
6/30/2022	
PROJECT NUMBER	
2340-01-CU21	
SHEET	
A4-111	

GENERAL ELECTRICAL NOTES

- REFER TO ELECTRICAL NOTES ON SHEET G-101.
- STACKED WASHER/DRYER MACHINE LOCATION. PROVIDE WASTE AND WATER IN RECESSED WALL BOX. PROVIDE DRYER VENT. VENT TO OUTSIDE AIR.
- (50) CFM MIN. INTERMITTENT VENTILATION HOOD.
- 50 GALLON TANK TYPE ELECTRIC WATER HEATER. REFER TO TITLE 24 FOR ADDITIONAL INFORMATION.
- EXTERIOR RATED ELECTRIC SUB PANEL 80 AMP 120/240 VOLT. CONTRACTOR TO VERIFY MAIN PANEL.
- 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.
- WALL-MOUNTED MULTI-ZONE HEAT PUMP CONDENSING UNIT. REFER TO PLANS FOR LOCATION OF INDOOR FAN FAN COIL UNITS. REFER TO TITLE 24 FOR ADDITIONAL INFORMATION.
- FAN COIL. REFER TO PLANS FOR LOCATION OF OUTDOOR CONDENSING UNIT. REFER TO TITLE 24 FOR ADDITIONAL INFORMATION. PROVIDE OUTLET.
- OUTLET SERVING WATER HEATER SHALL BE ACCESSIBLE TO THE WATER HEATER WITH NO OBSTRUCTION. LOCATE OUTLET AT 72" A.F.F.

VENTILATION SUMMARIES

PER ASHRAE Standard 62.2, Table 7.1 (Prescriptive Duct Sizing Requirements)
(Table 7.1 Assumes no elbows. Deduct 15-feet of allowable duct length for each turn, elbow or fitting. Fan rating cfm @ 0.25 in w.g., and rated at less than one sone.)

LOCAL VENTILATION RATE SUMMARY - BATHROOM(S)
Bathroom Minimum Fan Flow (cfm) = 50 cfm
Per Table 7.1, Duct Size = 4" Diameter; Flex Duct
Maximum Allowable Duct Length (ft) = 70'

LOCAL VENTILATION RATE SUMMARY - KITCHEN
Kitchen Minimum Fan Flow (cfm) = 100 cfm
Per Table 7.1, Duct Size = 5" Diameter; Smooth Duct
Maximum Allowable Duct Length (ft) = 85 Feet

LOCAL VENTILATION RATE SUMMARY - WHOLE BUILDING
Per ASHRAE Standard 62.2 Equation 4.1(a)

EXHAUST DUCT SIZE
Qcfm = .01(floor area) + 7.5 (# of bedrooms + 1)
1-BEDROOM
Qcfm = .01(640) + 7.5 (1 + 1)
Qcfm = 23.4

DUCT SIZE PER ASHRAE TABLE 7.1
REFER TO LEGEND FOR WHOLE HOUSE FAN (WH)

CONTINUOUS FAN FLOW (CFM) = 50 CFM
Per Table 7.1, Duct Size = 4" Diameter; Smooth duct
Maximum Allowable Duct Length (ft) = 35'
OR
Per Table 7.1, Duct Size = 4" Diameter; FLEX DUCT
Maximum Allowable Duct Length (ft) = 70'

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 CHIME 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	⊖		⊖	DUPLEX OUTLET DISH WASHER
⊖	EXHAUST FAN/LIGHT COMBINATION	⊖		⊖	COLD WATER STUB OUT
⊖	PENDANT LIGHT	⊖		⊖	HOT WATER STUB OUT
⊖	SURFACE MOUNTED HIGH-EFFICACY LIGHT	⊖		⊖	WATER HOSE BIBB
⊖	WALL MOUNTED LIGHT	⊖		⊖	WATER HOSE BIBB WITH SHUT OFF VALVE
⊖	WALL MOUNTED HIGH-EFFICACY LIGHT	⊖		⊖	ICE MACHINE STUB OUT
⊖	RECESSED DOWNLIGHT	⊖		⊖	GAS STUB OUT
⊖	RECESSED HIGH-EFFICACY DOWNLIGHT	⊖		⊖	SURFACE MOUNTED HIGH-EFFICACY LIGHT
⊖	RECESSED DOWNLIGHT-VAPOR PROOF	⊖		⊖	UNDER CABINET HIGH-EFFICACY LIGHT
⊖		⊖		⊖	22"X30" MIN. CEILING ACCESS PANEL
⊖		⊖		⊖	FAN COIL. PROVIDE DEDICATED 120V OUTLET

FINISH PLAN GENERAL NOTES

- REFER TO GENERAL NOTES SHEET G-101 FOR ADDITIONAL REQUIREMENTS.
- REFER TO ELECTRICAL PLANS FOR FURTHER INFORMATION.
- REFER TO PLUMBING PLANS FOR FURTHER INFORMATION.
- REFER TO DETAILS FOR FLOOR/CEILING ASSEMBLIES AND INTERIOR FINISH DETAILS.
- ALL HARD SURFACE FLOORING SHALL BE SLIP RESISTANT AND MEET THE ANSI A326.3 STANDARD FOR MEASURING THE DYNAMIC COEFFICIENT OF FRICTION (DCOF).
- ALL FLOORING MATERIALS SHALL COMPLY WITH 2019 CBC SEC. 804.1.
- ALL WALL AND CEILING FINISHES SHALL COMPLY WITH 2019 CBC TABLE 803.13 FOR MAXIMUM FLAME SPREAD AND SMOKE DENSITY.

FINISH LEGEND

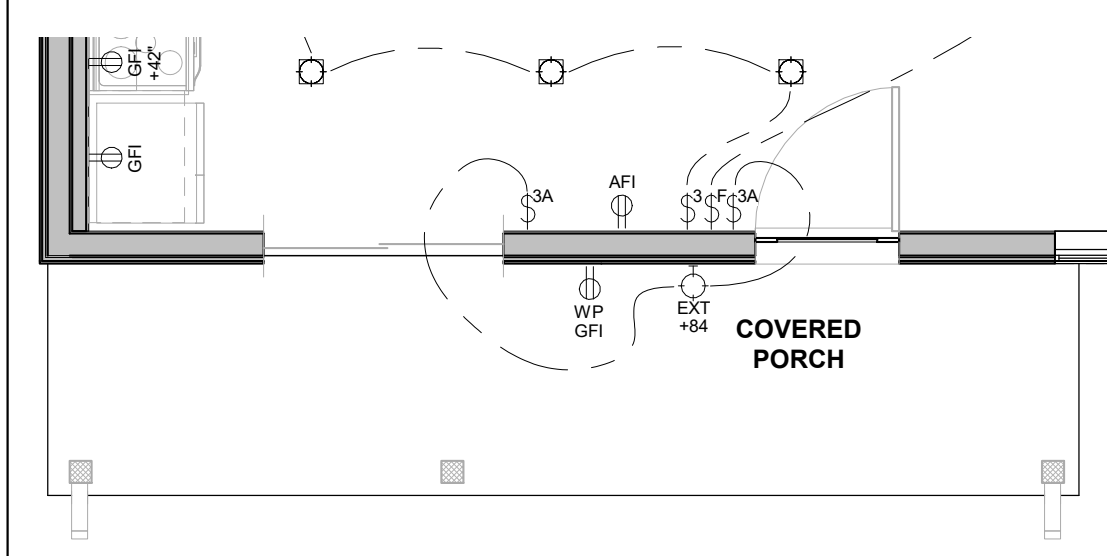
	LUXURY VINYL PLANK (LVP)
	CERAMIC TILE (CT)
	CONCRETE (EC)

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		

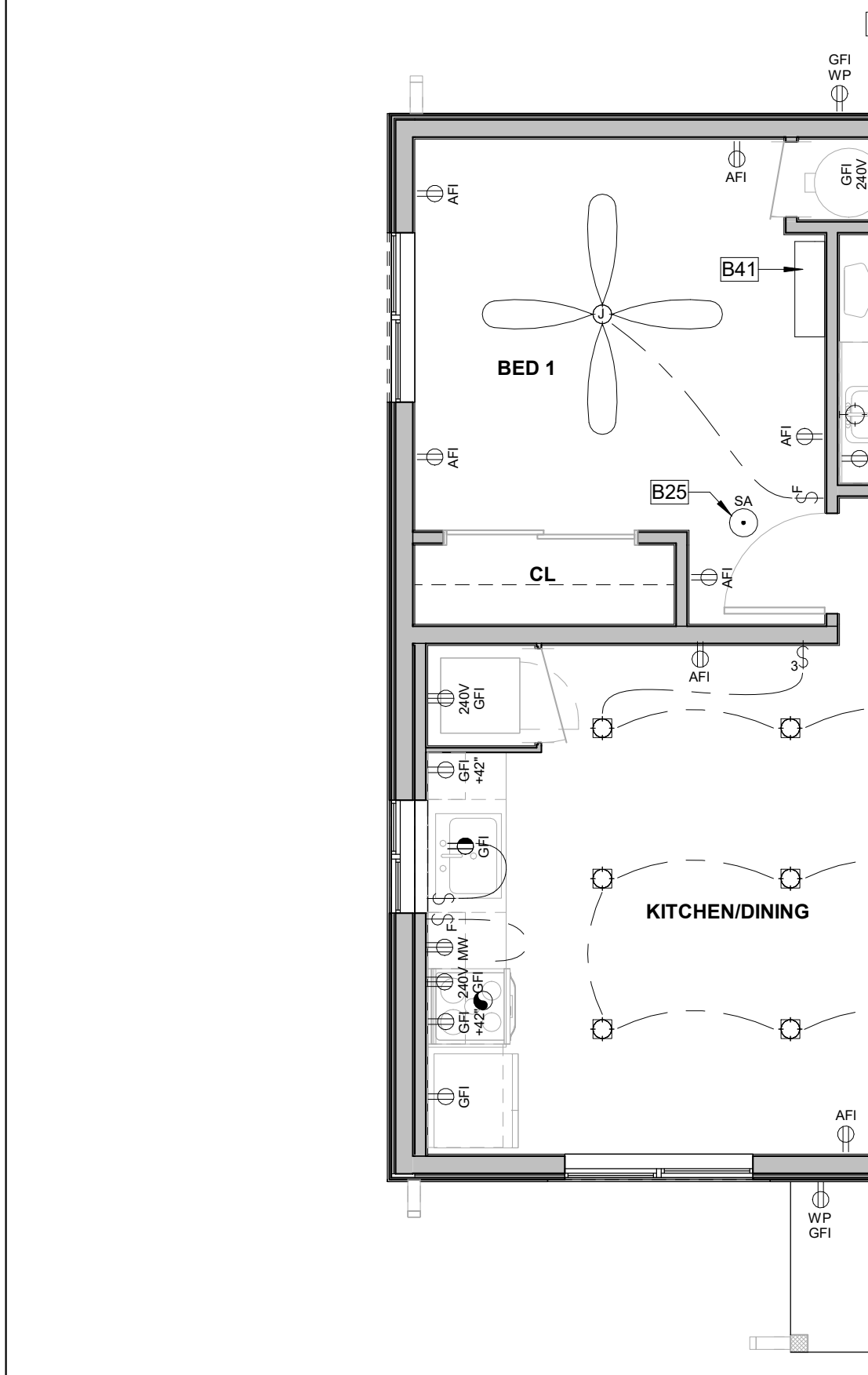
4 PLAN 4 - ELECTRICAL ADAPTABLE OPT.

A1-201 | A4-111 SCALE: 1/4" = 1'-0"



5 PLAN 4 - ELECTRICAL HIGH DESERT

A1-201 | A4-111 SCALE: 1/4" = 1'-0"



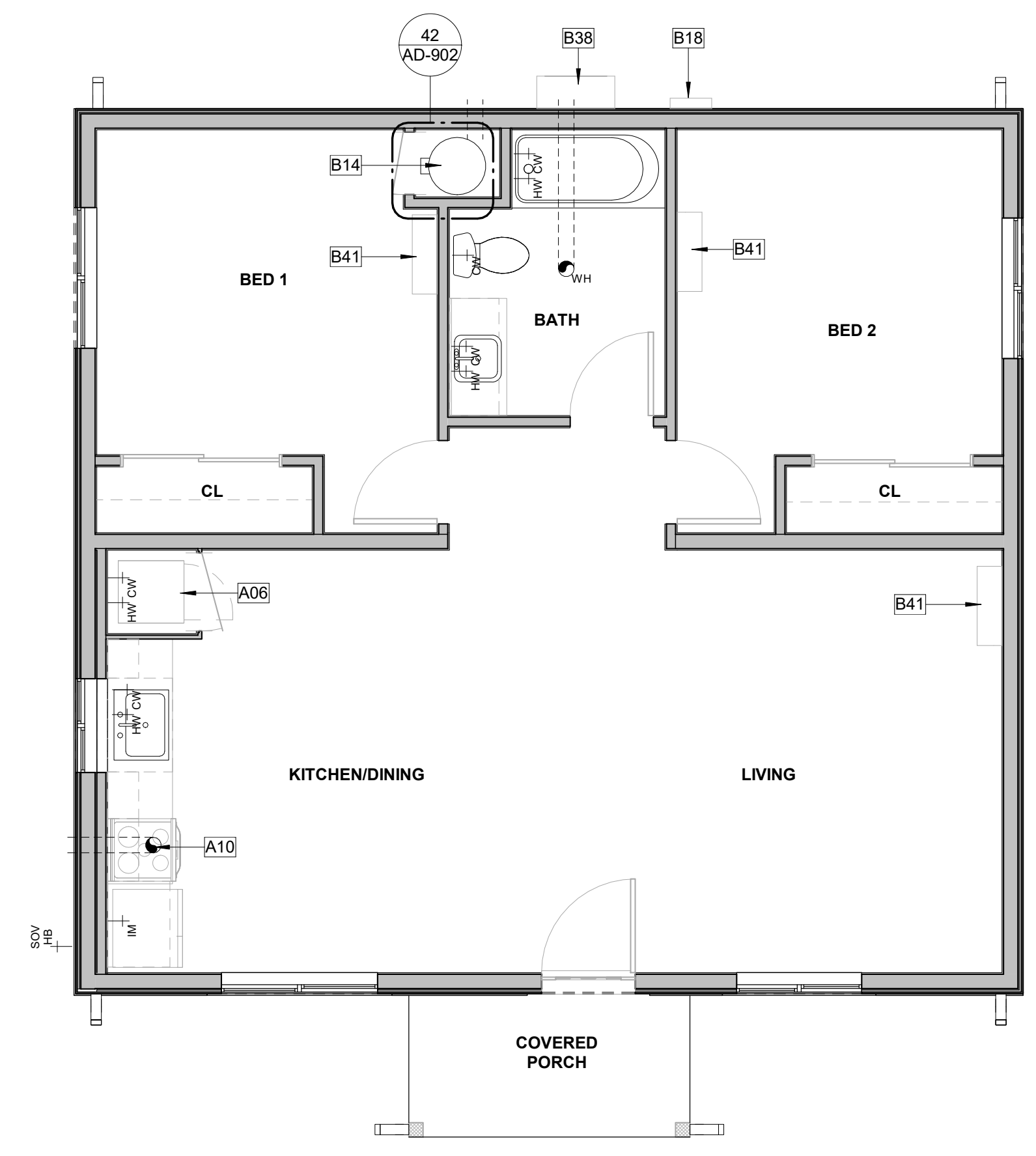
1 PLAN 4 - ELECTRICAL

A1-201 | A4-111 SCALE: 1/4" = 1'-0"



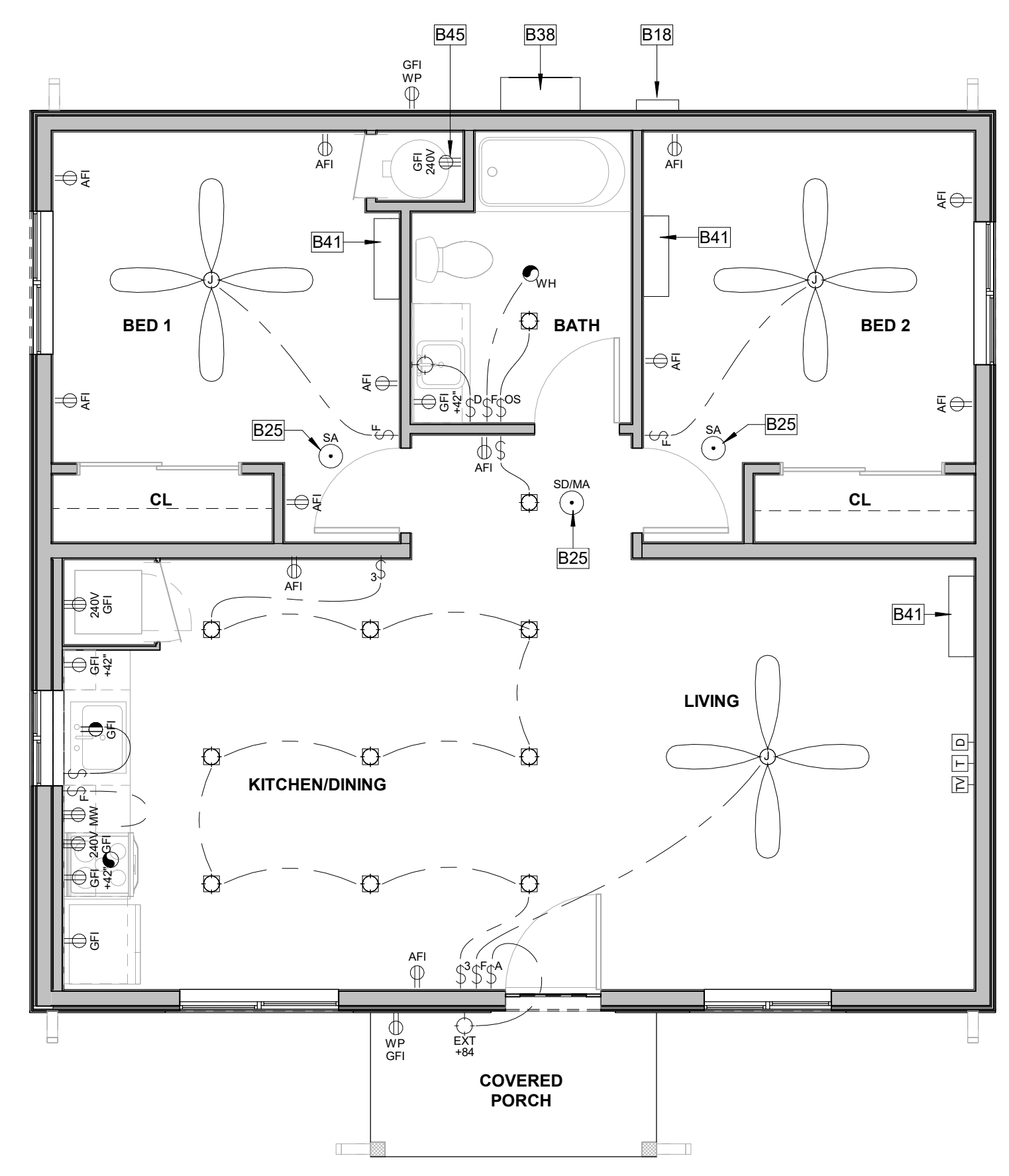
3 01-GROUND FLOOR FINISH PLAN 4

A1-201 | A4-111 SCALE: 1/4" = 1'-0"



2 PLAN 4 - MECHANICAL

A1-201 | A4-111 SCALE: 1/4" = 1'-0"



1 PLAN 4 - ELECTRICAL

A1-201 | A4-111 SCALE: 1/4" = 1'-0"

CONSULTANT

AGENCY

ROOF VENTING CALCULATIONS

UPPER VENTS: O'HAGIN TAPERED LOW PROFILE STANDARD LINE
72.0 SQ.IN OF AIR MOVEMENT PER VENT = 72. SQ.IN. / 144 = 0.5 SF

LOWER VENTS: O'HAGIN TAPERED LOW PROFILE STANDARD LINE
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 4	840 SF	2.80 SF	1.40 SF	1.40 SF
ATTIC 2 - PLAN 4	42 SF	0.14 SF	0.07 SF	0.07 SF

VENT TYPE	COUNT	VENT LENGTH	NET FREE AREA PER VENT	PROVIDED NET FREE AREA
ATTIC 1 - PLAN 4				
LOWER				
O'HAGIN SHINGLE ROOF VENT (LOWER)	3	2' - 8"	0.50 SF	1.50 SF
UPPER				
O'HAGIN SHINGLE ROOF VENT (UPPER)	3	2' - 8"	0.50 SF	1.50 SF
				3.00 SF
ATTIC 2 - PLAN 4				
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 4

LOWER

O'HAGIN SHINGLE ROOF VENT (LOWER)

UPPER

O'HAGIN SHINGLE ROOF VENT (UPPER)

ATTIC 2 - PLAN 4

LOWER

O'HAGIN SHINGLE ROOF VENT (LOWER)

UPPER

O'HAGIN SHINGLE ROOF VENT (UPPER)

KEYNOTES

F03 30" 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 CEN150.0 (a)1. PROVIDE GASKETED ATTIC ACCESS TO PREVENT AIR LEAKAGE CEN150.0 (a)1.

ROOF MATERIAL 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 (2019 CBC 1507.1), AND MANUFACTURER'S INSTALLATION INSTRUCTIONS
- WHERE PROVIDED, VENTILATION OPENINGS SHALL BE IN ACCORDANCE WITH (2019 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 (2019 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. HARIE SOFFIT PANELS - BEADED PORCH PANEL OR EQ.

**MONO COUNTY ADU
PROTOTYPES
MONO COUNTY**

**ROOF PLAN & RCP - RURAL
MOUNTAIN**

NO.	REVISION	DATE

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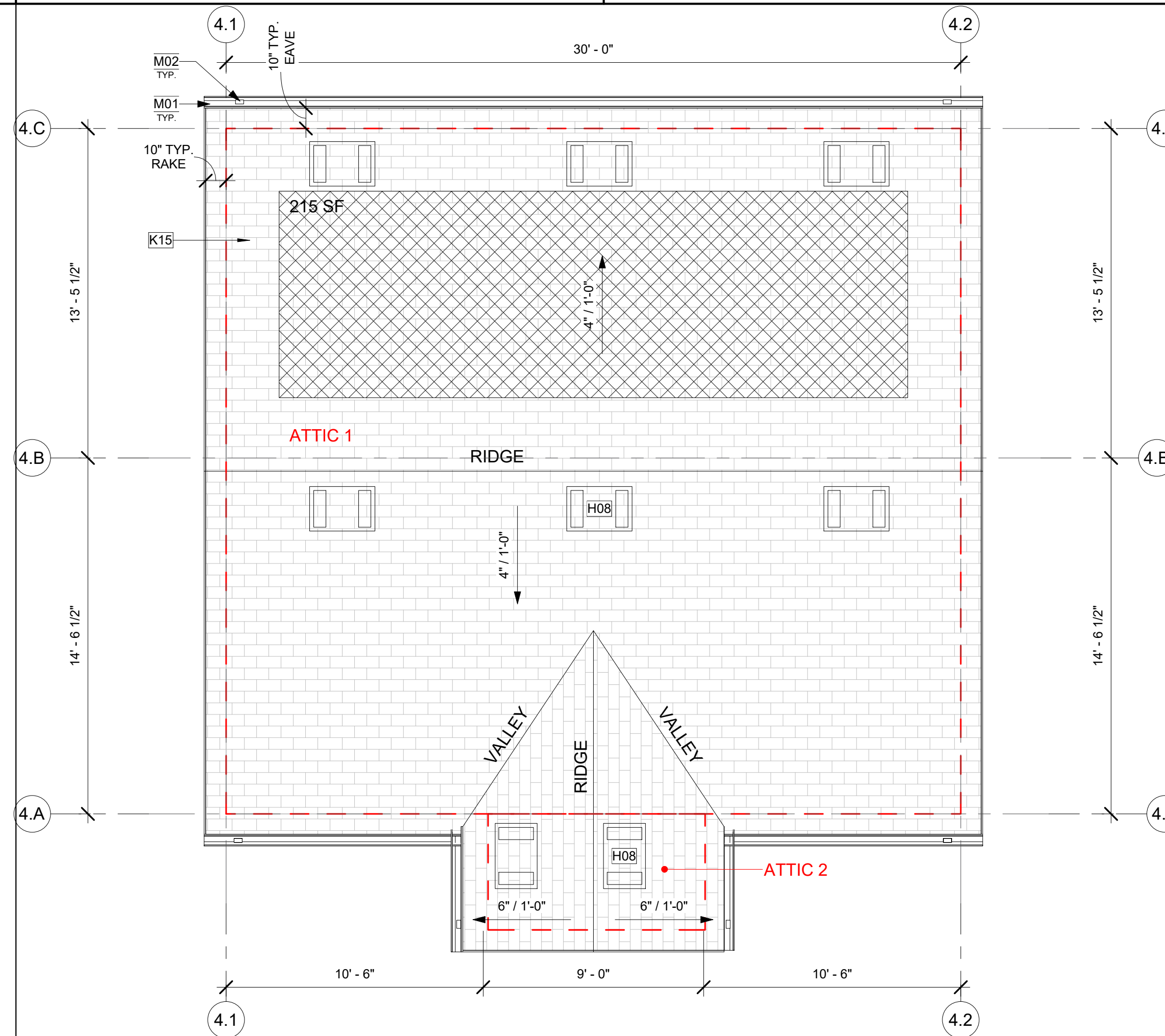
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DATE
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PROJECT NUMBER
2340-01-CU21

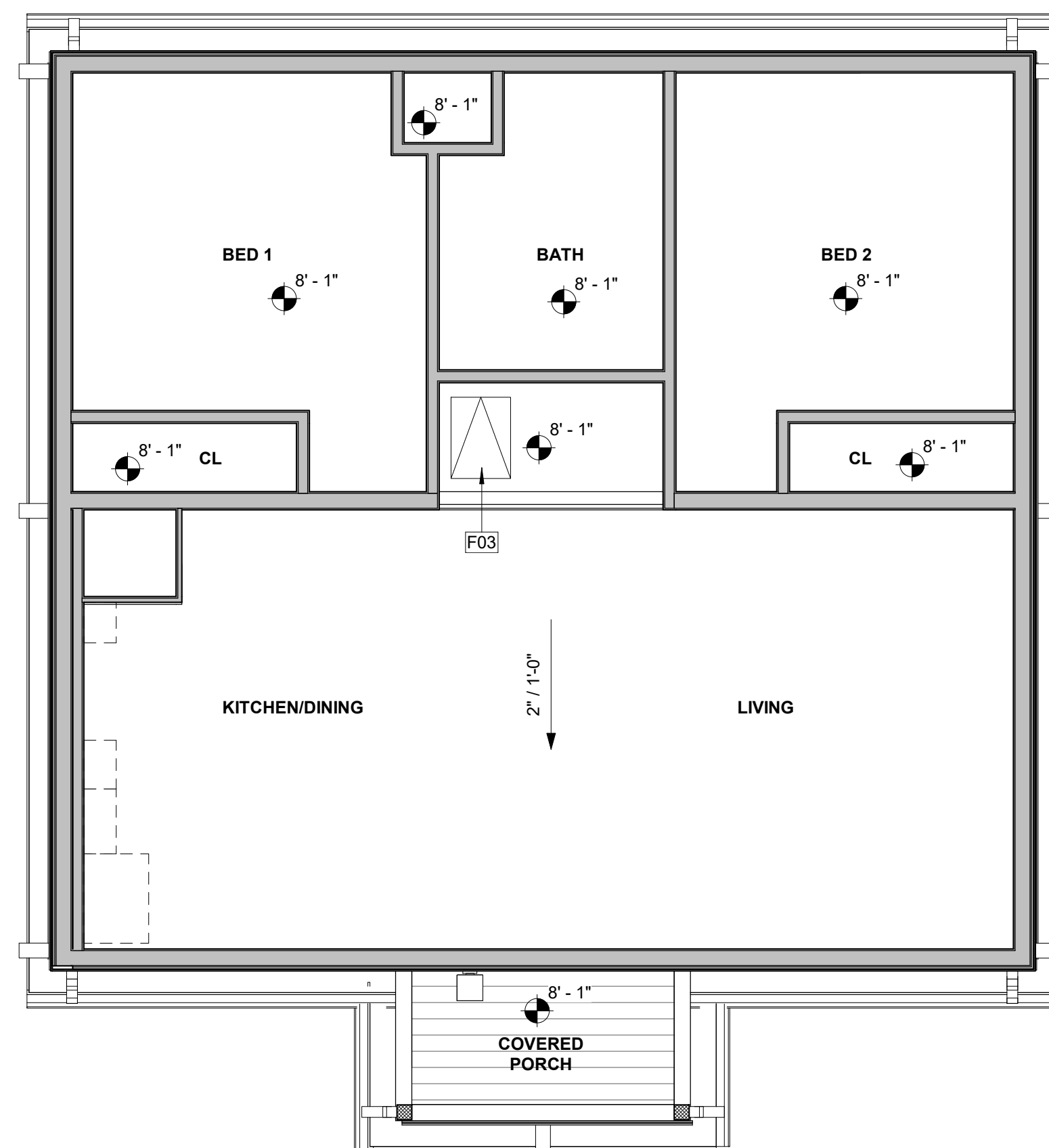
SHEET

A4-121



1 ROOF PLAN 4 - RURAL MOUNTAIN

A4-121 1/4" = 1'-0"



2 REFLECTED CEILING PLAN 4 - RURAL MOUNTAIN

A1-201A4-121 1/4" = 1'-0"

CONSULTANT

AGENCY

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 4	570 SF	1.90 SF	0.95 SF	0.95 SF
ATTIC 2 - PLAN 4	100 SF	0.33 SF	0.17 SF	0.17 SF

VENT TYPE	COUNT	VENT LENGTH	NET FREE AREA PER VENT	PROVIDED NET FREE AREA
ATTIC 1 - PLAN 4				
LOWER				
(3) 3" HOLES (LOWER)	12	2' - 0"	0.08 SF	0.96 SF
UPPER				
14x17.5 VULCAN GABLE VENT (UPPER)	2	1' - 2"	0.60 SF	1.20 SF
				2.16 SF
ATTIC 2 - PLAN 4				
LOWER				
(3) 3" HOLES (LOWER)	6	2' - 0"	0.08 SF	0.48 SF
				0.48 SF

KEYNOTES

F03 30" 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 (2019 CBC 1507.1), AND MANUFACTURER'S INSTALLATION INSTRUCTIONS
- WHERE PROVIDED, VENTILATION OPENINGS SHALL BE IN ACCORDANCE WITH (2019 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 (2019 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

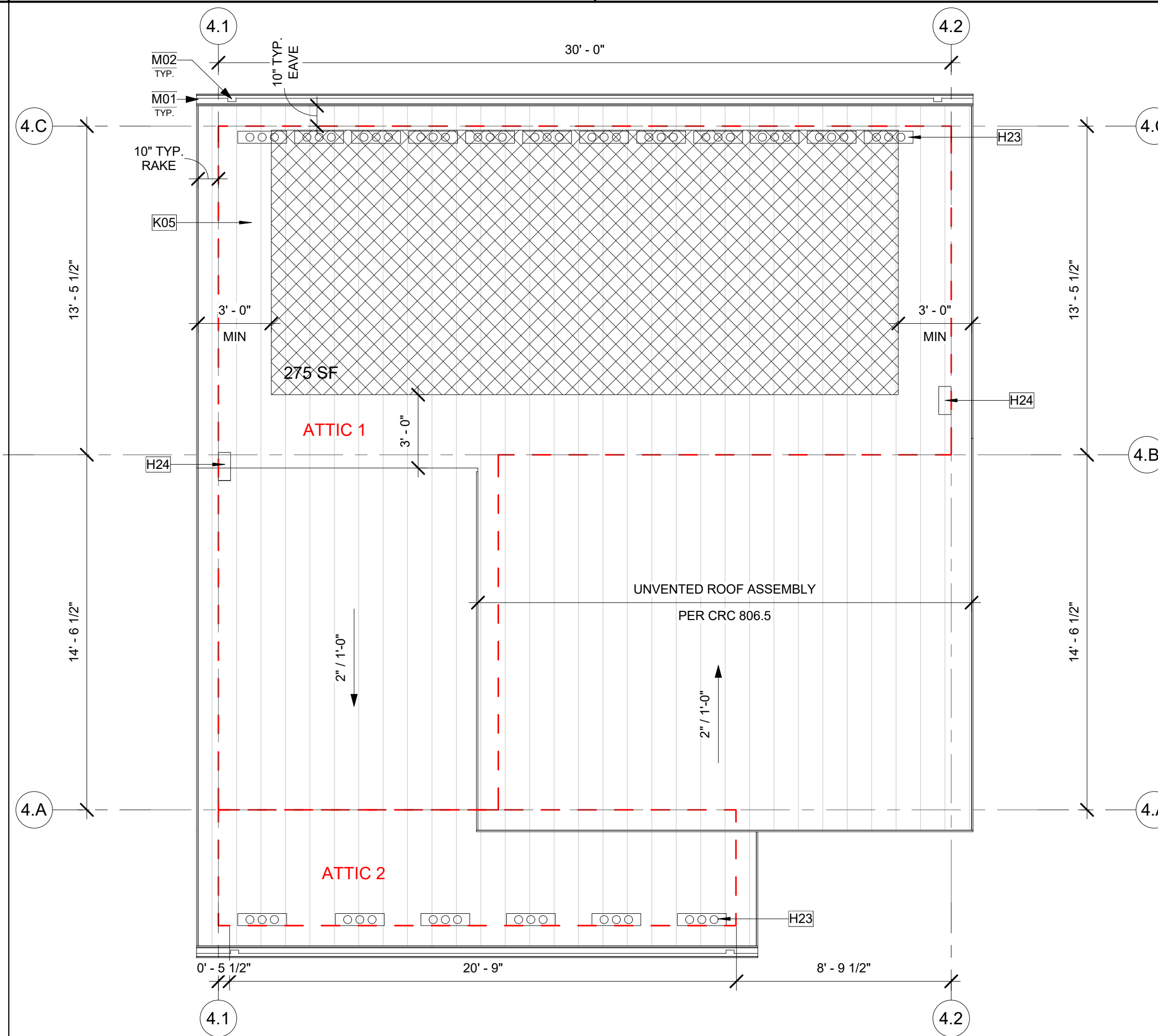
- 10'-0" HEIGHT OF TOP OF ROOFING SURFACE
- 2' / 12" ROOF SLOPE (REFER TO PLANS FOR ACTUAL SLOPE)
- O'HAGIN ATTIC VENT, PAINT TO MATCH ROOF COLOR. (REFER TO EXTERIOR ELEVATIONS FOR COLORS AND MATERIALS.)
- WALL BELOW
- GUTTER, CONNECT TO DOWNSPOUT
- DOWNSPOUT, TO ROOF OR SPLASHBLOCK BELOW U.N.O.
- SOLAR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

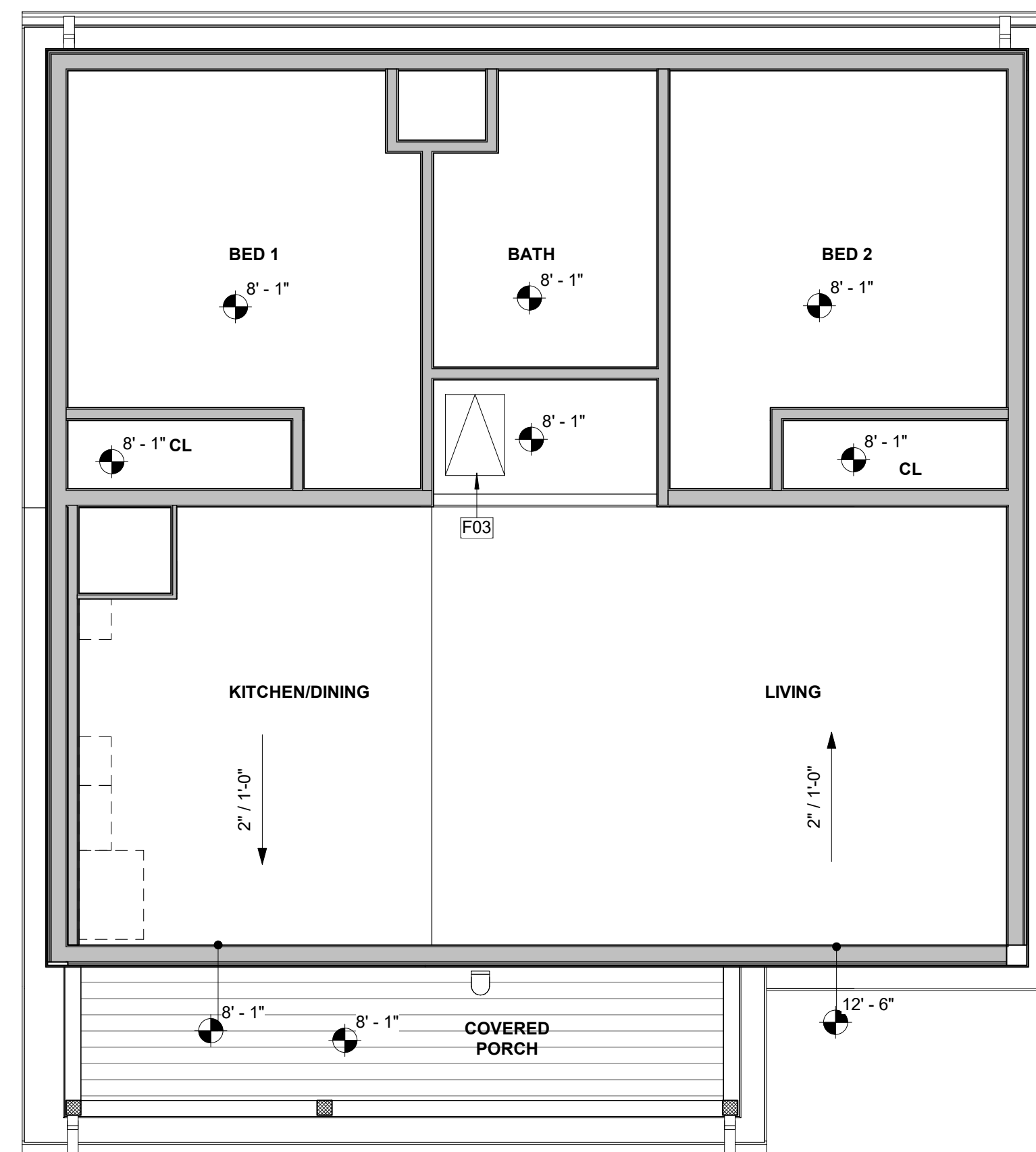
LEGEND

- 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. HARIE SOFFIT PANELS - BEADED PORCH PANEL OR EQ.



1 ROOF PLAN 1 - HIGH DESERT

A4-122 1/4" = 1'-0"



2 GROUND FLOOR RCP 4 - HIGH DESERT

A1-201A4-122 1/4" = 1'-0"

MONO COUNTY ADU
PROTOTYPES
MONO COUNTY

ROOF PLAN & RCP - HIGH DESERT

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DATE
6/30/2022

PROJECT NUMBER
2340-01-CU21

SHEET

A4-122

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.

CONSULTANT

AGENCY

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 FAN COIL UNITS. REFER TO TITLE 24 FOR ADDITIONAL INFORMATION.
- H08 ATTIC VENT. PAINT FINISH TO MATCH ROOF COLOR. REFER TO COLORS AND MATERIALS.
- K02 1-COAT OMEGA CEMENT PLASTER SYSTEM OR WATER RESISTIVE BARRIER PER CRC 703.7.3. EXTERIOR BUILDING FINISH SHALL BE IN COMPLIANCE WITH 2019 CRC R337.
- K09 FIBER CEMENT HORIZONTAL SIDING, IN COMPLIANCE WITH 2019 CRC R337.
- K14 CORRUGATED METAL FINISH.
- K15 ASPHALT COMPOSITE ROOF SHINGLES. CLASS A FIRE RATING

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

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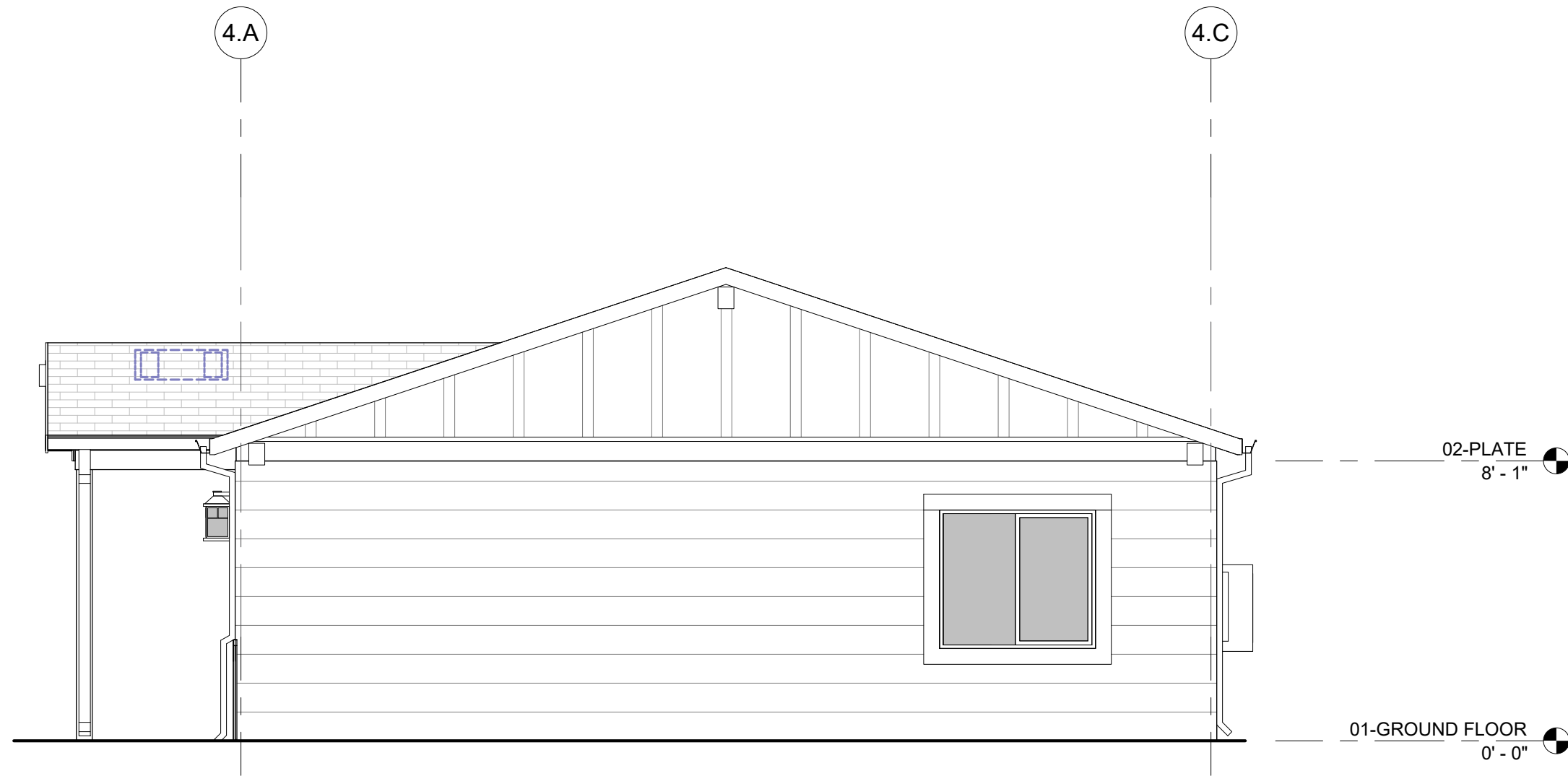
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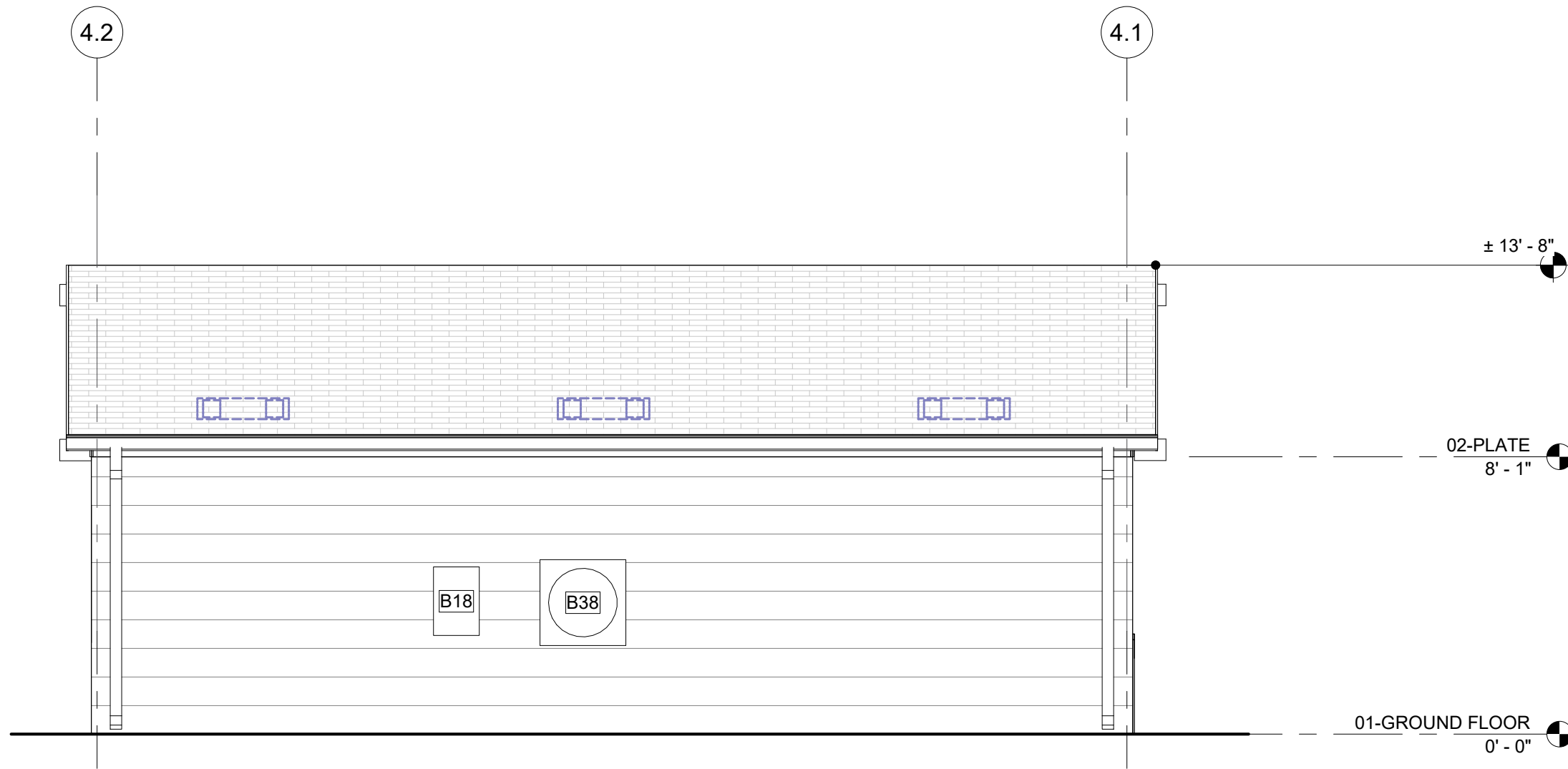
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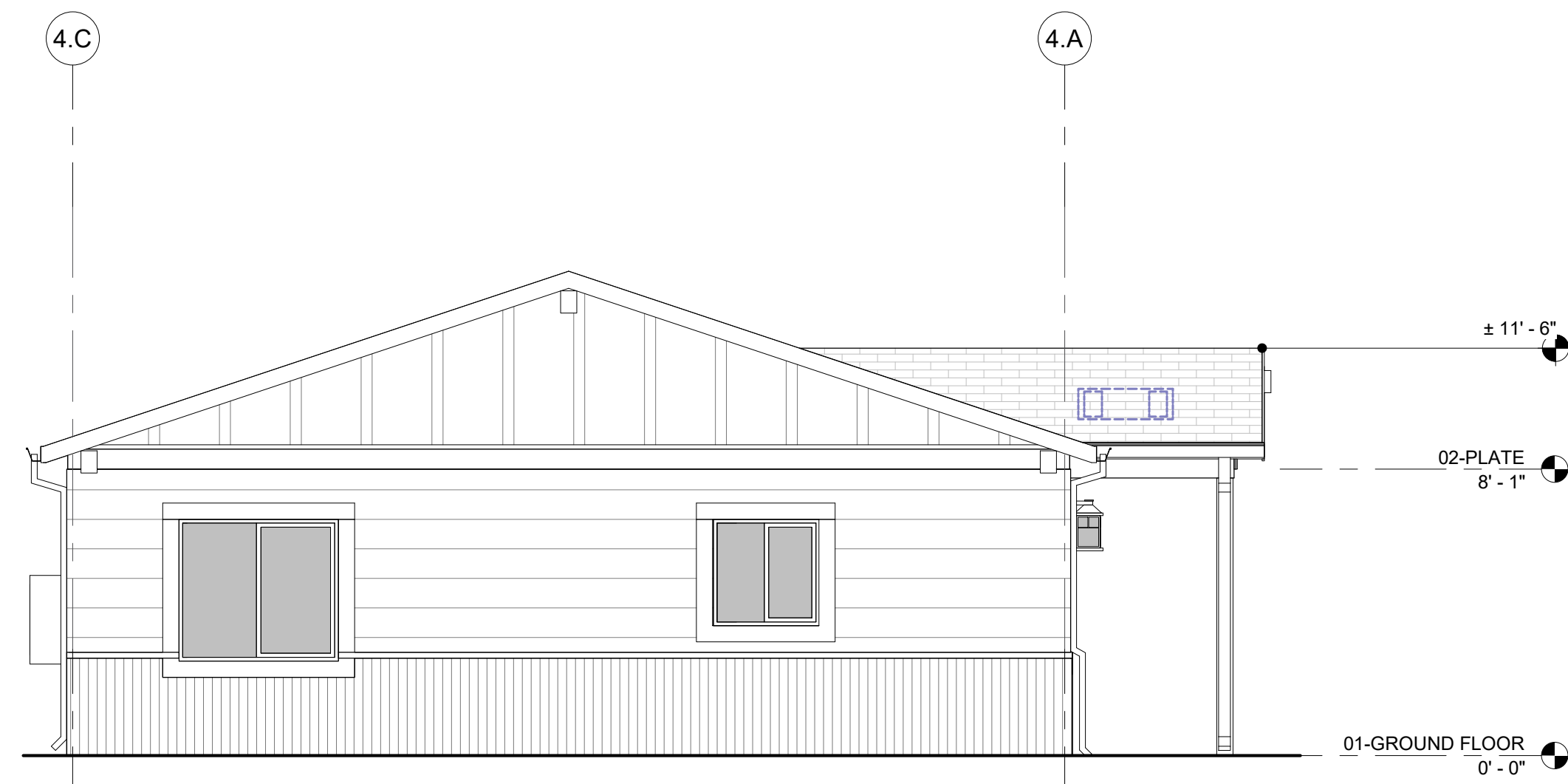
1 PLAN 4 - RURAL MOUNTAIN - RIGHT

A4-101 | A4-201 SCALE: 1/4" = 1'-0"



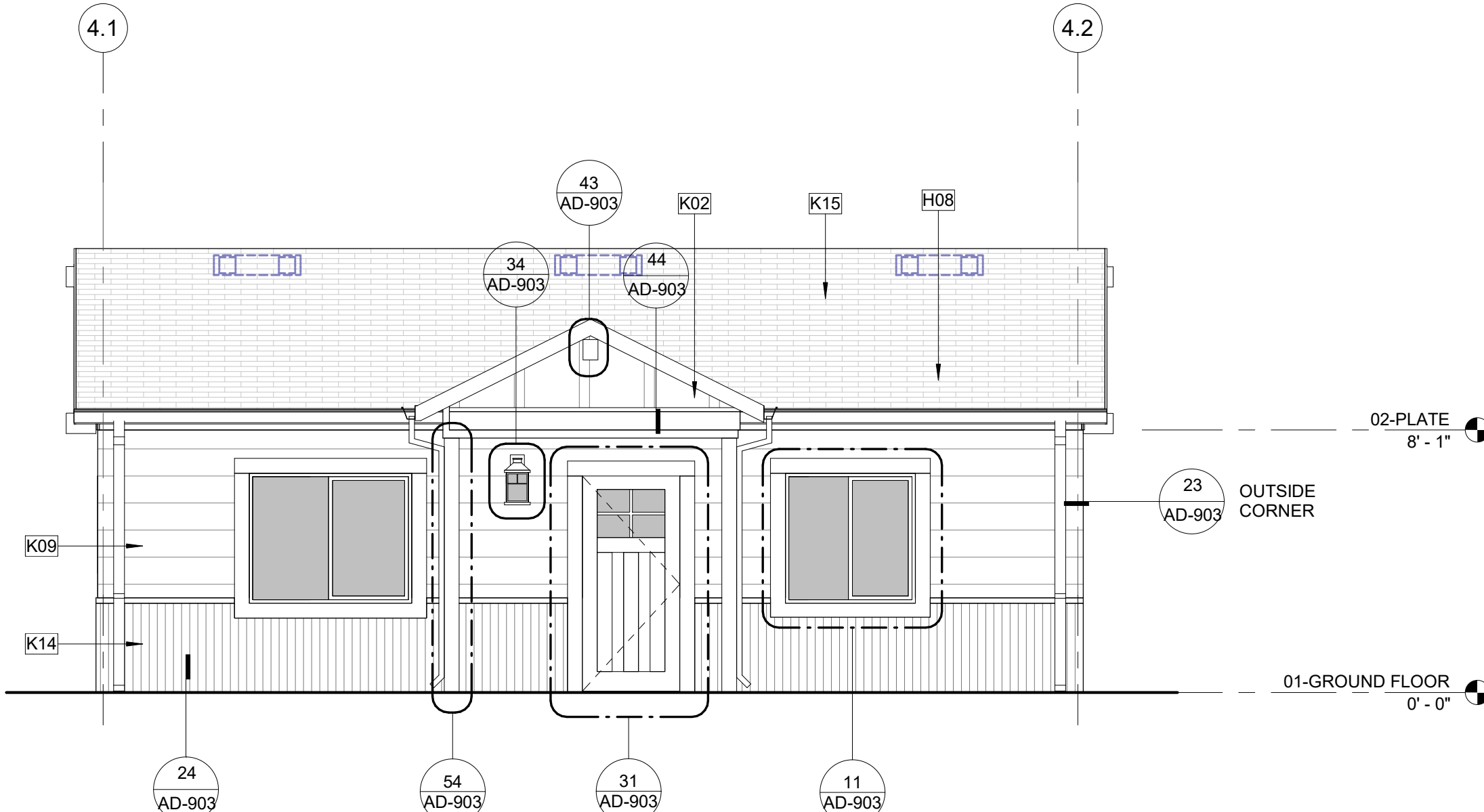
2 PLAN 4 - RURAL MOUNTAIN - REAR

A4-101 | A4-201 SCALE: 1/4" = 1'-0"



3 PLAN 4 - RURAL MOUNTAIN - LEFT

A4-101 | A4-201 SCALE: 1/4" = 1'-0"



4 PLAN 4 - RURAL MOUNTAIN - FRONT

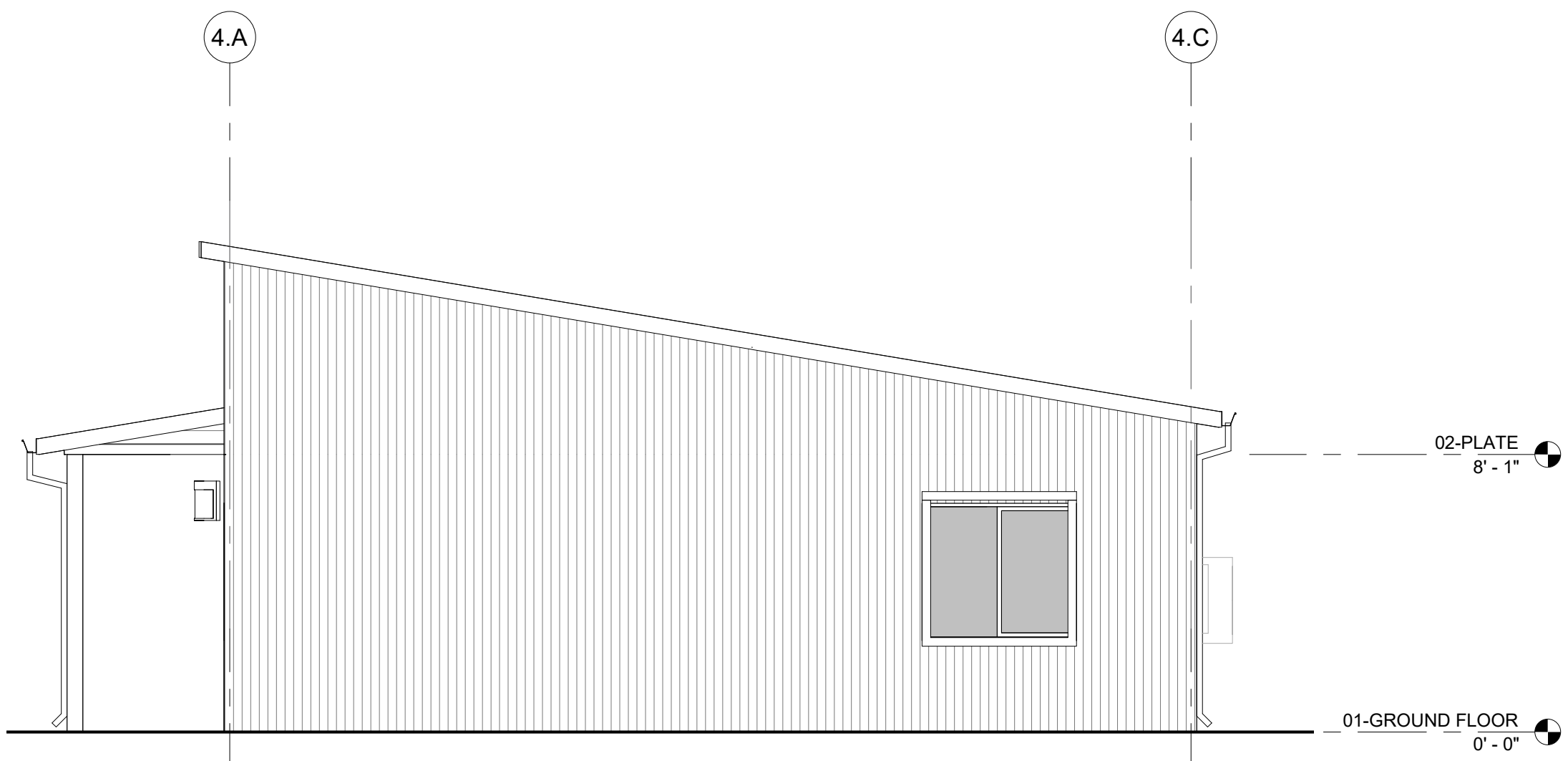
A4-101 | A4-201 SCALE: 1/4" = 1'-0"

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.

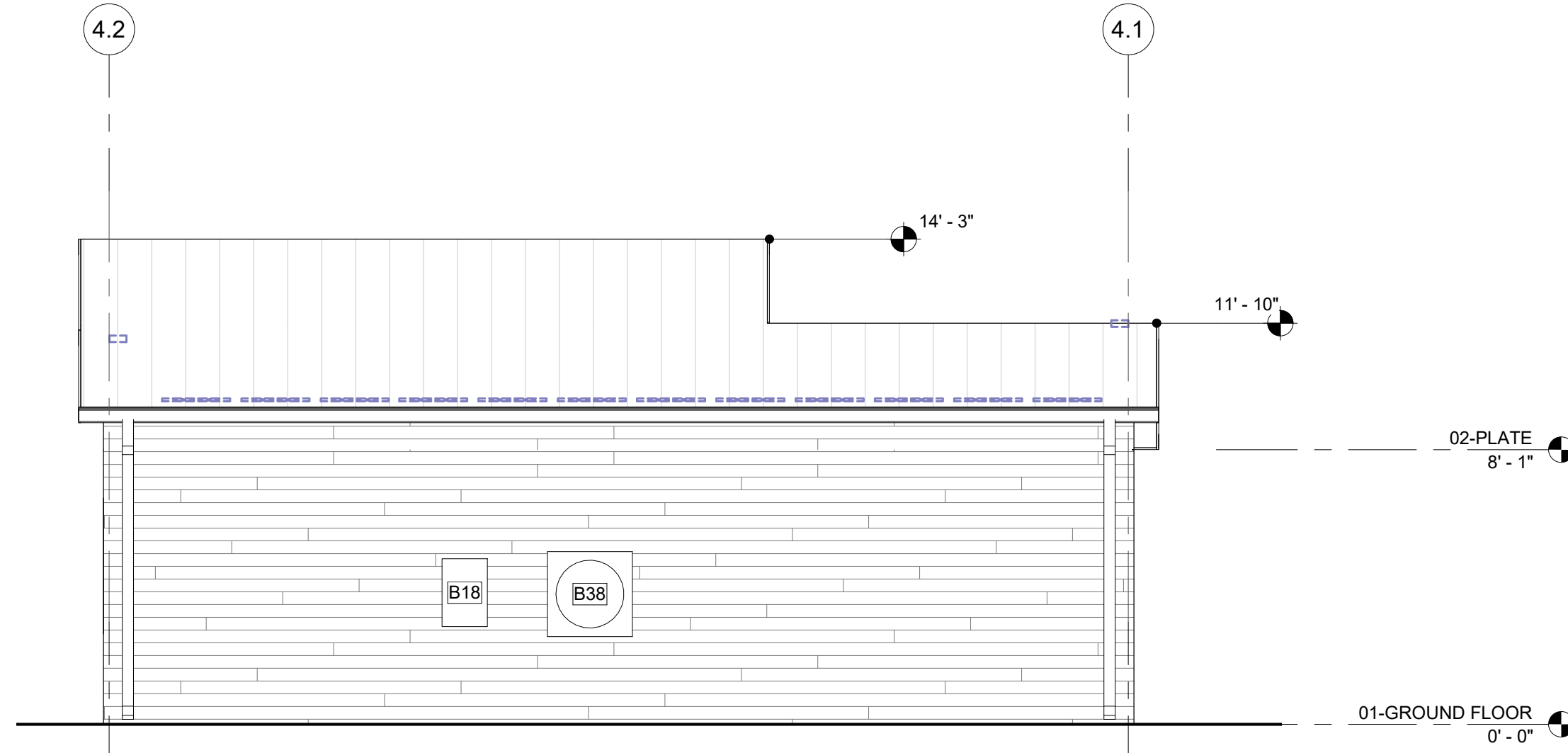
CONSULTANT

AGENCY



1 PLAN 4 - HIGH DESERT - RIGHT

A4-101 | A4-202 SCALE: 1/4" = 1'-0"

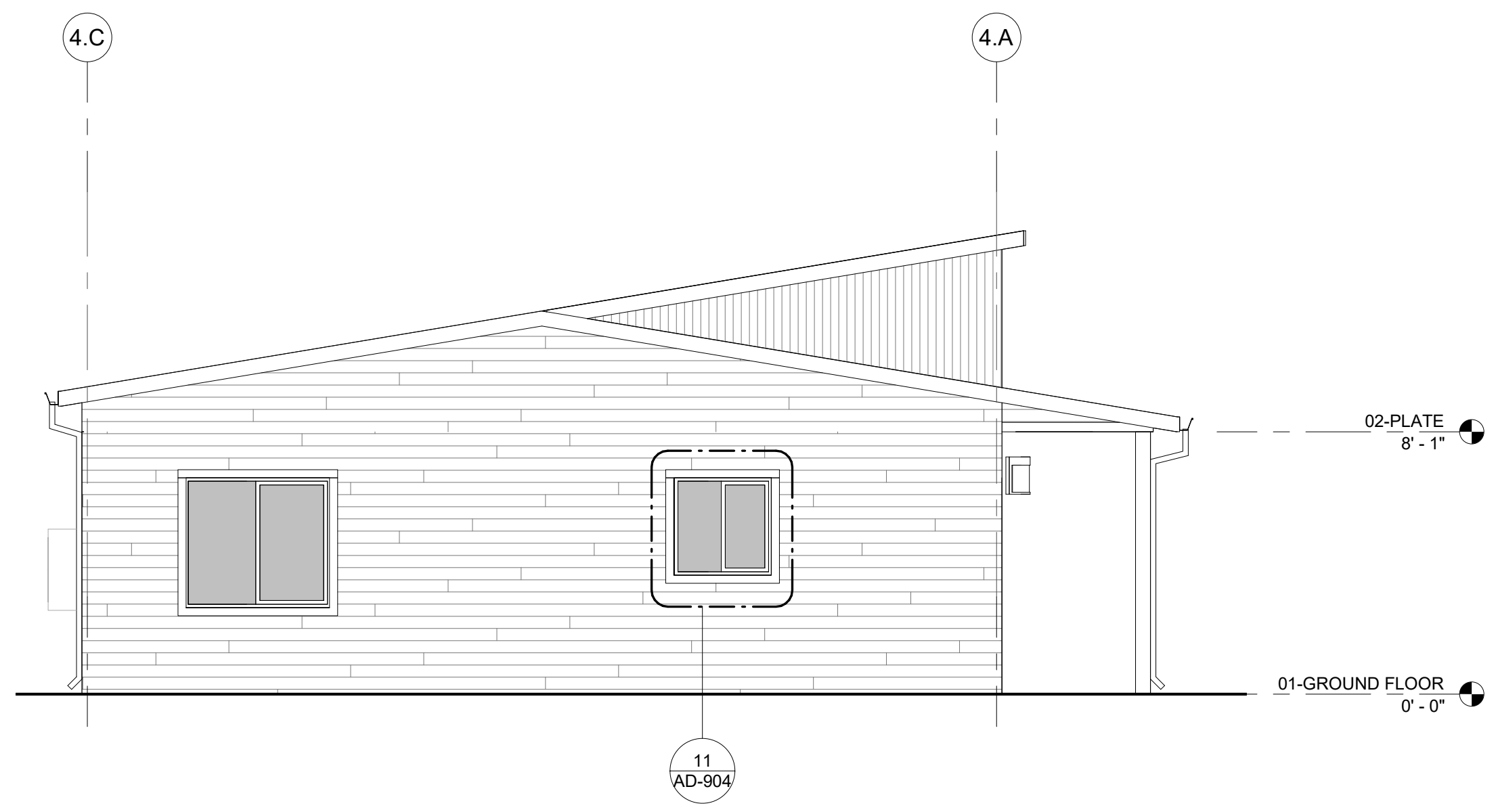


2 PLAN 4 - HIGH DESERT - REAR

A4-101 | A4-202 SCALE: 1/4" = 1'-0"

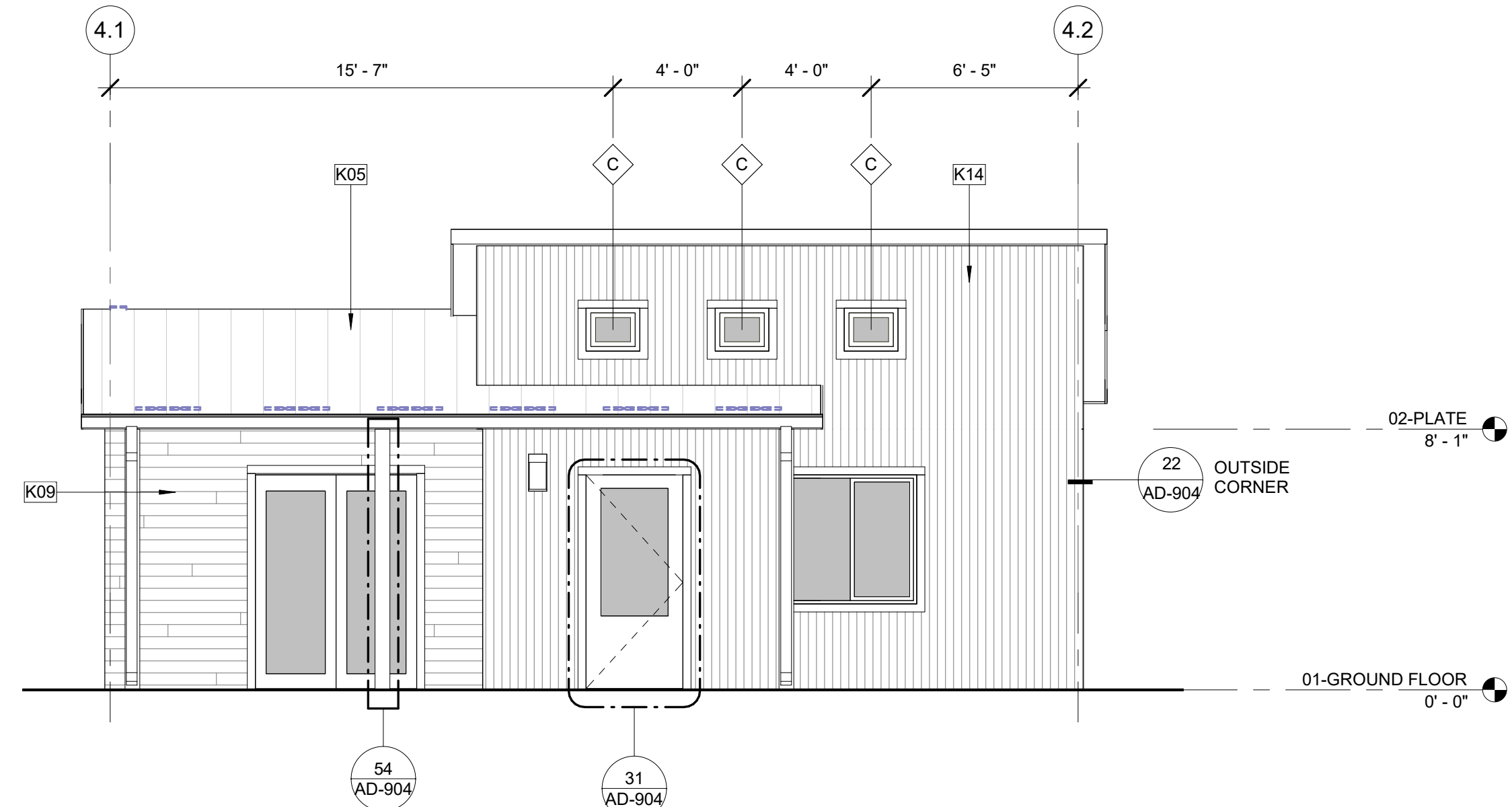
KEYNOTES

- 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.
- K05 CORRUGATED METAL ROOF, CLASS A FIRE RATING
- K09 FIBER CEMENT HORIZONTAL SIDING, IN COMPLIANCE WITH 2019 CRC R337
- K14 CORRUGATED METAL FINISH.



3 PLAN 4 - HIGH DESERT - LEFT

A4-101 | A4-202 SCALE: 1/4" = 1'-0"



4 PLAN 4 - HIGH DESERT - FRONT

A4-101 | A4-202 SCALE: 1/4" = 1'-0"

**MONO COUNTY ADU
PROTOTYPES
MONO COUNTY**

**EXTERIOR ELEVATION - HIGH
DESERT**

NO.	REVISION	DATE
△		
△		
△		
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△		

PROJECT MANAGER
RR

DRAWN BY _____ **CHECKED BY** _____

DATE
6/30/2022

PROJECT NUMBER
2340-01-CU21

SHEET
A4-202

SECTIONS GENERAL NOTES

1. THE PURPOSE OF THESE DRAWINGS IS TO SHOW CONSTRUCTION MATERIALS/ASSEMBLIES. FOR SPECIFIC SIZES AND DETAILS REFER TO ARCHITECTURAL PLANS, ELEVATIONS, DETAILS, AND STRUCTURAL PLANS. *KEYNOTES ONLY APPLY IF REFERENCED ON PLANS.
2. WALL ASSEMBLIES TO BE PER FLOOR PLAN.
3. DOORS AND WINDOWS TO BE PER APPLICABLE SCHEDULE. REFER TO FLOOR PLANS FOR IDENTIFICATION.
4. INSULATION: REFER TO TITLE 24 REPORT AND "INSULATION" NOTES ON SHEET FOR ADDITIONAL RATINGS, REQUIREMENTS, AND INFORMATION.
5. FIREBLOCKING TO BE LOCATED AT THE FOLLOWING LOCATIONS PER 2019 **CRC SECTION R302.11**:

- A. **SECTION R302.11**:
 1. FIREBLOCKING SHALL BE PROVIDED IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS, INCLUDING FURRED SPACES AND PARALLEL ROWS OF STUDS OR STAGGERED STUDS, AS FOLLOWS:
 1. VERTICALLY AT CEILING AND FLOOR LEVELS
 2. HORIZONTALLY AT INTERVALS NOT EXCEEDING 10 FEET.
 2. AT INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS SOFFITS, DROP CEILINGS AND COVE CEILINGS.
 3. IN CONCEALED SPACES BETWEEN STAIR STRINGERS AT THE TOP AND BOTTOM OF THE RUN. ENCLOSED SPACES UNDER STAIRS SHALL COMPLY WITH **SECTION R302.7**.
 4. AT OPENINGS AROUND VENTS, PIPES, DUCTS, CABLES AND WIRES AT CEILING 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 E 136 REQUIREMENTS.
 5. FOR THE FIREBLOCKING OF CHIMNEYS AND FIREPLACES, SEE **SECTION R1003.19**.
 6. FIREBLOCKING OF CORNICES OF A TWO-FAMILY DWELLING IS REQUIRED AT THE LINE OF DWELLING-UNIT SEPARATION.
- A. **SECTION R302.11.1** - FIREBLOCKING MATERIALS SHALL CONSIST OF FOLLOWING MATERIALS:
 1. TWO-INCH NOMINAL LUMBER
 2. TWO THICKNESSES OF ONE-INCH NOMINAL LUMBER WITH BROKEN LAP JOINTS
 3. THE THICKNESS OF 0.719-INCH WOOD STRUCTURAL PANELS WITH JOINTS BACKED BY 0.719-INCH WOOD STRUCTURAL PANELS
 4. THE THICKNESS OF 0.75-INCH PARTICLE BOARD WITH JOINTS BACKED BY 0.75-INCH PARTICLE BOARD
 5. ONE-HALF-INCH GYPSUM BOARD
 6. ONE-FOURTH-INCH CEMENT-BASED MILLBOARD
 7. BATTES OR BLANKETS OF MINERAL WOOL, MINERAL FIBER OR OTHER APPROVED MATERIAL INSTALLED IN SUCH A MANNER AS TO BE SECURELY RETAINED IN PLACE
 8. CELLULOSE INSULATION INSTALLED AS TESTED IN ACCORDANCE WITH ASTM E119 OR UL 263, FOR THE SPECIFIC APPLICATION.
4. PER 2019 **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.

CONSULTANT

AGENCY

KEYNOTES

- G28 RAISED FLOOR FOUNDATION. REFER TO STRUCTURAL.
- K15 ASPHALT COMPOSITE ROOF SHINGLES. CLASS A FIRE RATING
- S01 CEILING INSULATION. REFER TO TITLE 24 (R-38 MIN.)
- S02 HORIZONTAL FLOOR INSULATION. REFER TO TITLE 24 (R-19 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 1208.1. LOCATION DETERMINED ON SITE PER CONTRACTOR.

FOUNDATION VENTING CALCS

NOTE:
PER 2019 **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.²/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 4			
UNDER-FLOOR AREA (SF)	REQUIRED FOUNDATION VENTING @ 1/150	FOUNDATION VENTS REQUIRED	FOUNDATION VENTS PROPOSED
840 SF	5.6	14	

VENTING-PORCH - CALCULATION - PLAN 4				
LOCATION	BALCONY AREA (SF)	REQUIRED VENTING @ 1/150	VENT LENGTH REQUIRED (FT)	VENT LENGTH PROPOSED
ENTRY	108 SF	0.716667	2	3

**MONO COUNTY ADU
PROTOTYPES**
MONO COUNTY
BUILDING SECTIONS - RURAL
MOUNTAIN

NO.	REVISION	DATE

PROJECT MANAGER
RR

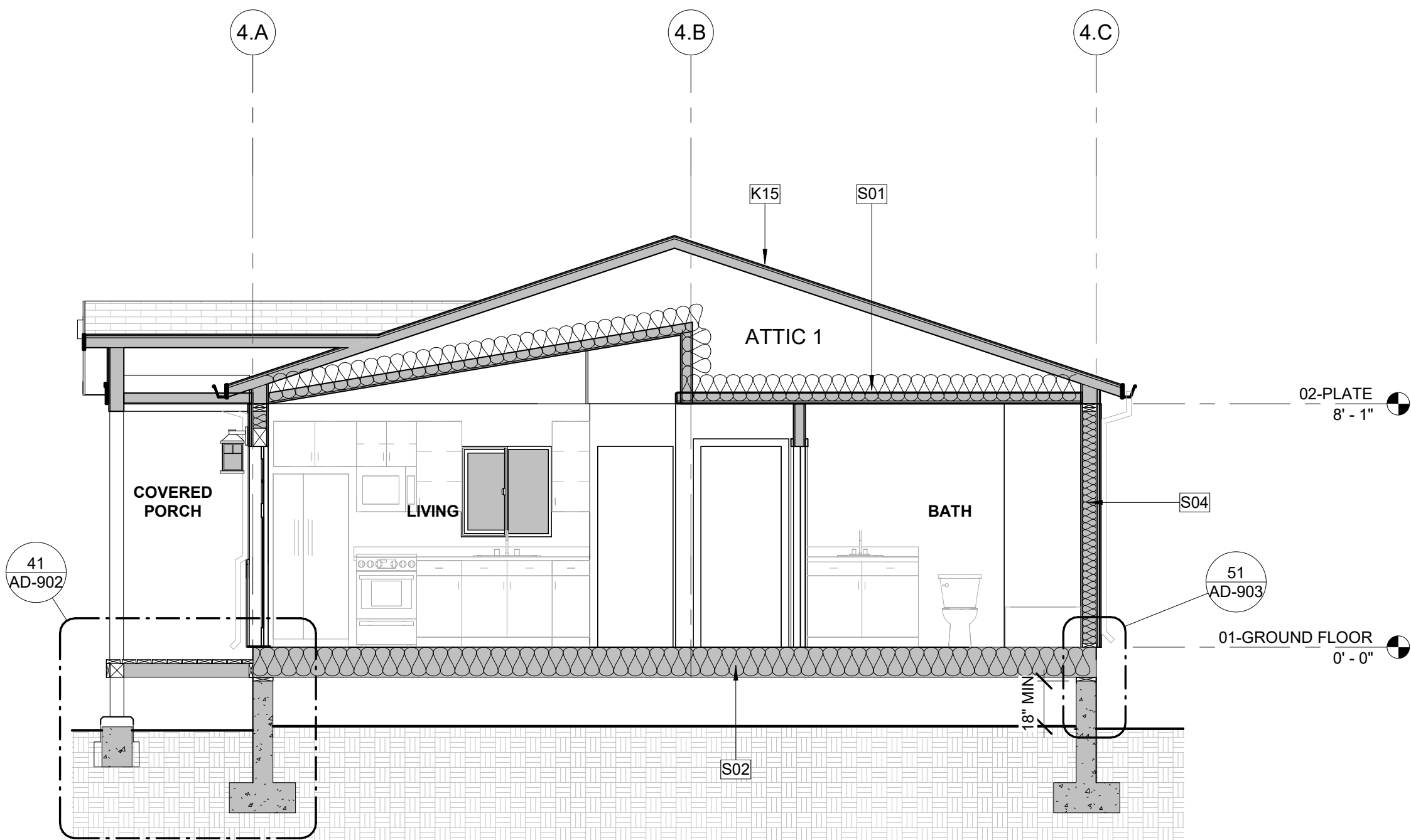
DRAWN BY _____ CHECKED BY _____

DATE
6/30/2022

PROJECT NUMBER
2340-01-CU21

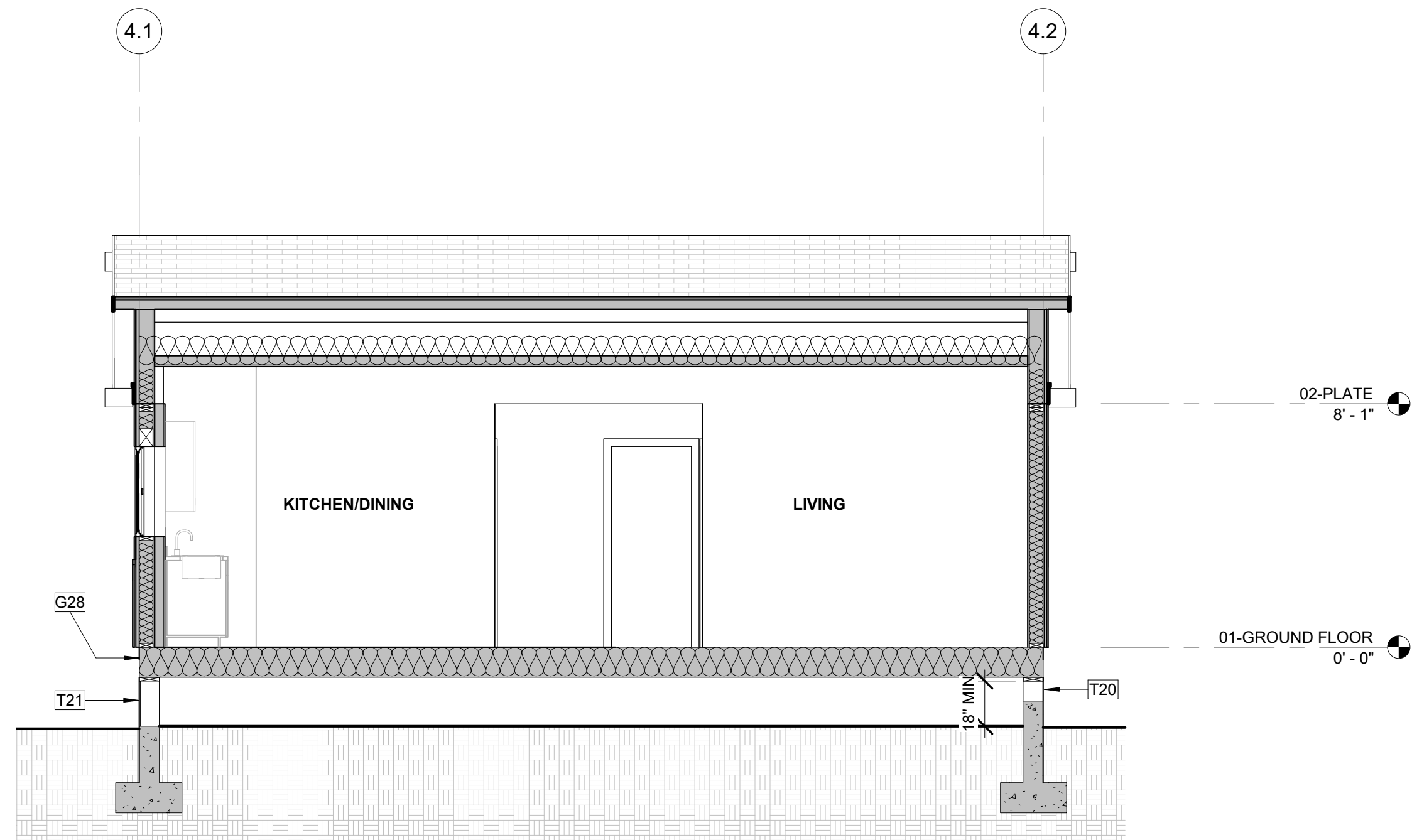
SHEET

A4-301



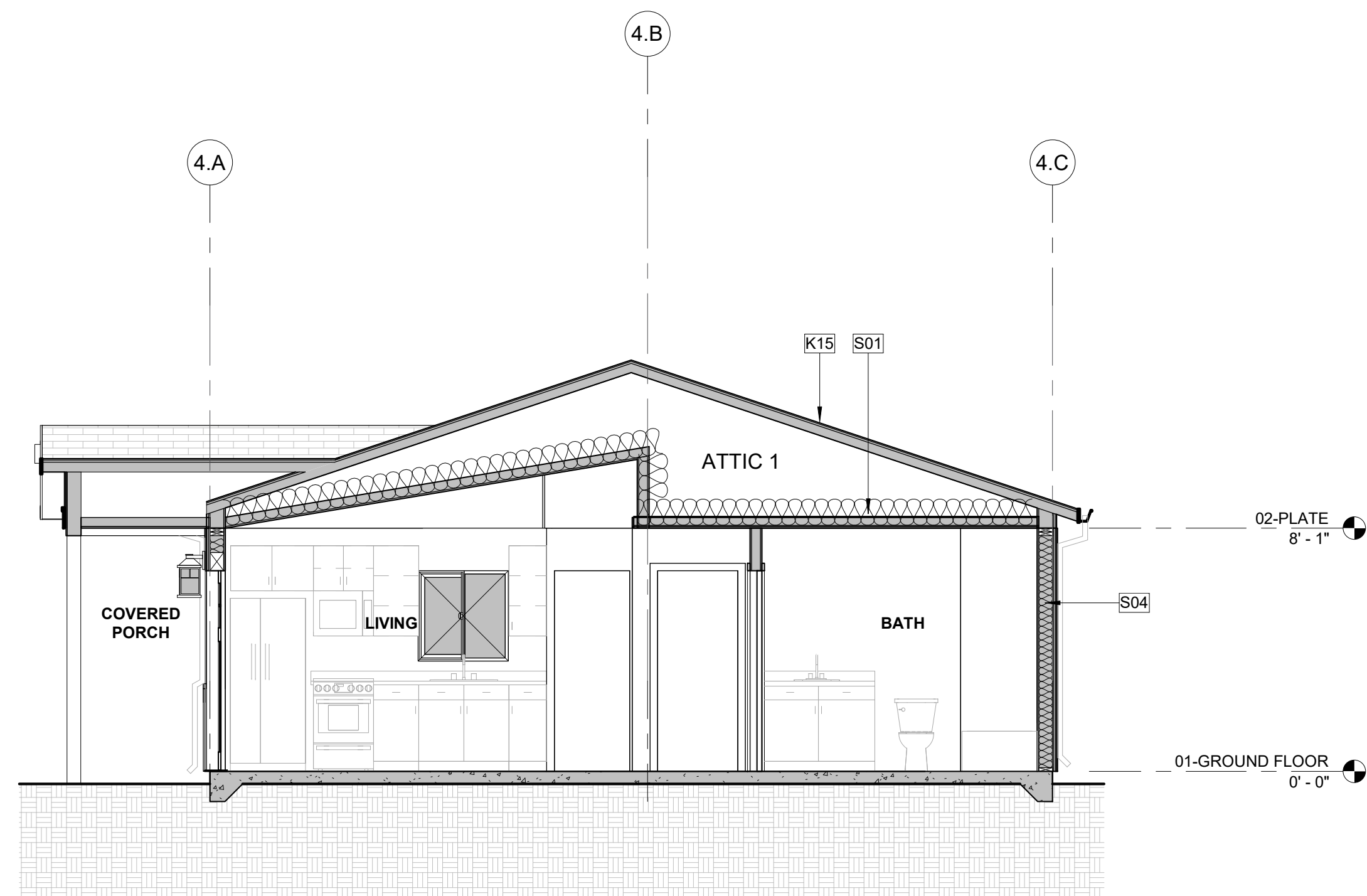
3 PLAN 4 - RM - SECTION 1 - RAISED FOUNDATION

A4-301 SCALE: 1/4" = 1'-0"



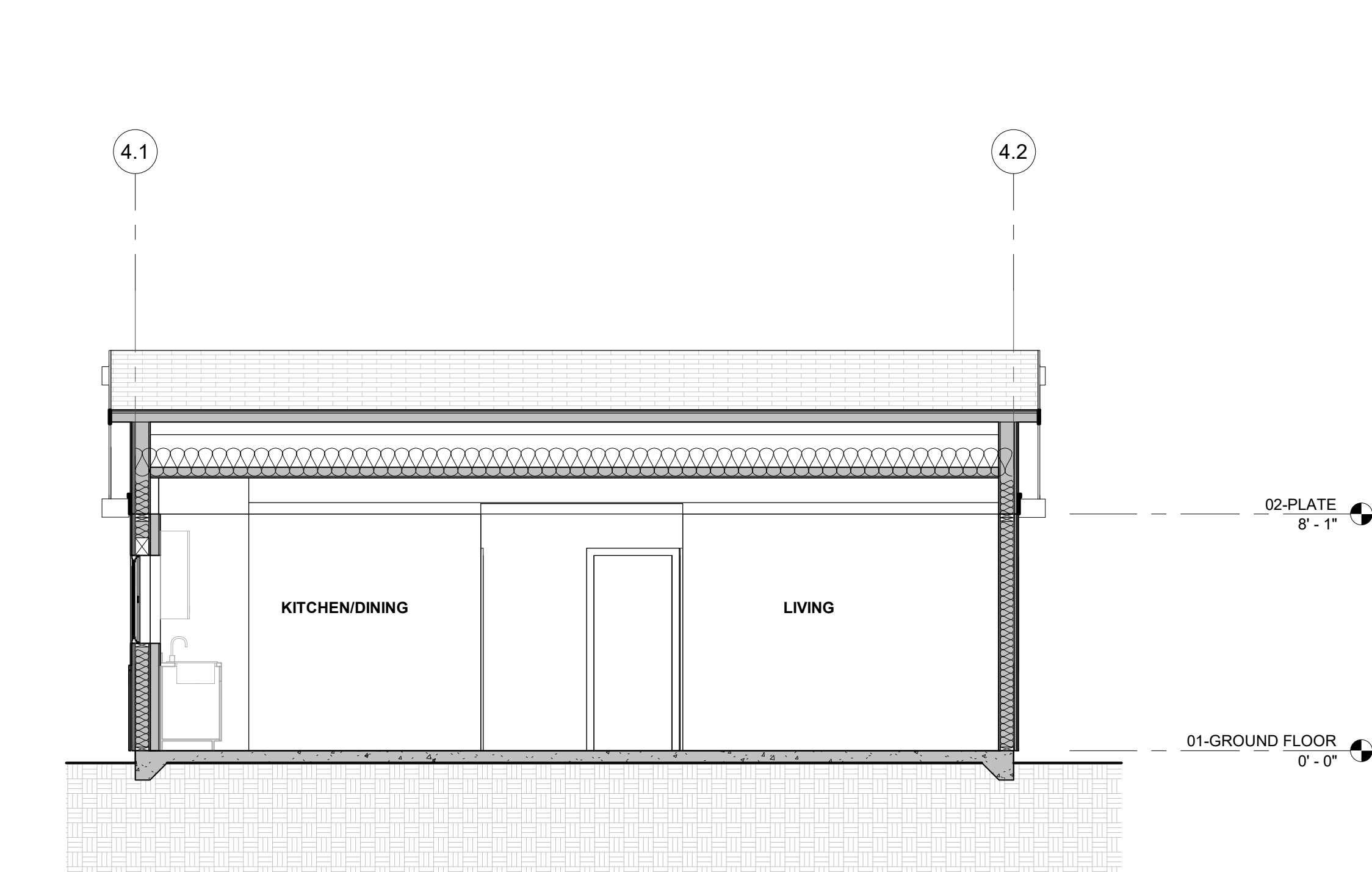
4 PLAN 4 - RM - SECTION 2 - RAISED FOUNDATION

A4-101 | A4-301 SCALE: 1/4" = 1'-0"



1 PLAN 4 - RM - SECTION 1 - SLAB-ON-GRADE

A4-101 | A4-301 SCALE: 1/4" = 1'-0"



2 PLAN 4 - RM - SECTION 2 - SLAB-ON-GRADE

A4-301 SCALE: 1/4" = 1'-0"

SECTIONS GENERAL NOTES

- THE PURPOSE OF THESE DRAWINGS IS TO SHOW CONSTRUCTION MATERIALS/ASSEMBLIES. FOR SPECIFIC SIZES AND DETAILS REFER TO ARCHITECTURAL PLANS, ELEVATIONS, DETAILS, AND STRUCTURAL PLANS. *KEYNOTES ONLY APPLY IF REFERENCED ON PLANS.
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 - SECTION R302.11-1**:
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 - 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 CEILING 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 E 136 REQUIREMENTS.
 - FOR THE FIREBLOCKING OF CHIMNEYS AND FIREPLACES, SEE **SECTION R1003.19**.
 - FIREBLOCKING OF CORNICES OF A TWO-FAMILY DWELLING IS REQUIRED AT THE LINE OF DWELLING-UNIT SEPARATION.
 - SECTION R302.11-1-1** - 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
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 - CELLULOSE INSULATION INSTALLED AS TESTED IN ACCORDANCE WITH ASTM E119 OR UL 263, FOR THE SPECIFIC APPLICATION.
- PER 2019 **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

- G28 RAISED FLOOR FOUNDATION. REFER TO STRUCTURAL.
- K05 CORRUGATED METAL ROOF. CLASS A FIRE RATING
- S01 CEILING INSULATION. REFER TO TITLE 24 (R-38 MIN.)
- S02 HORIZONTAL FLOOR INSULATION. REFER TO TITLE 24 (R-19 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 1208.1. LOCATION DETERMINED ON SITE PER CONTRACTOR.

FOUNDATION VENTING CALCS

NOTE:
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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 4			
UNDER-FLOOR AREA (SF)	REQUIRED FOUNDATION VENTING @ 1/150	FOUNDATION VENTS REQUIRED	FOUNDATION VENTS PROPOSED
840 SF	5.6	14	

VENTING-PORCH- CALCULATION - PLAN 4				
LOCATION	BALCONY AREA (SF)	REQUIRED BALCONY VENTING @ 1/150	VENT LENGTH REQUIRED (FT)	VENT LENGTH PROPOSED
ENTRY	108 SF	0.716667	2	3

**MONO COUNTY ADU
PROTOTYPES**
 MONO COUNTY
**BUILDING SECTIONS - HIGH
DESERT**

NO.	REVISION	DATE

PROJECT MANAGER
RR

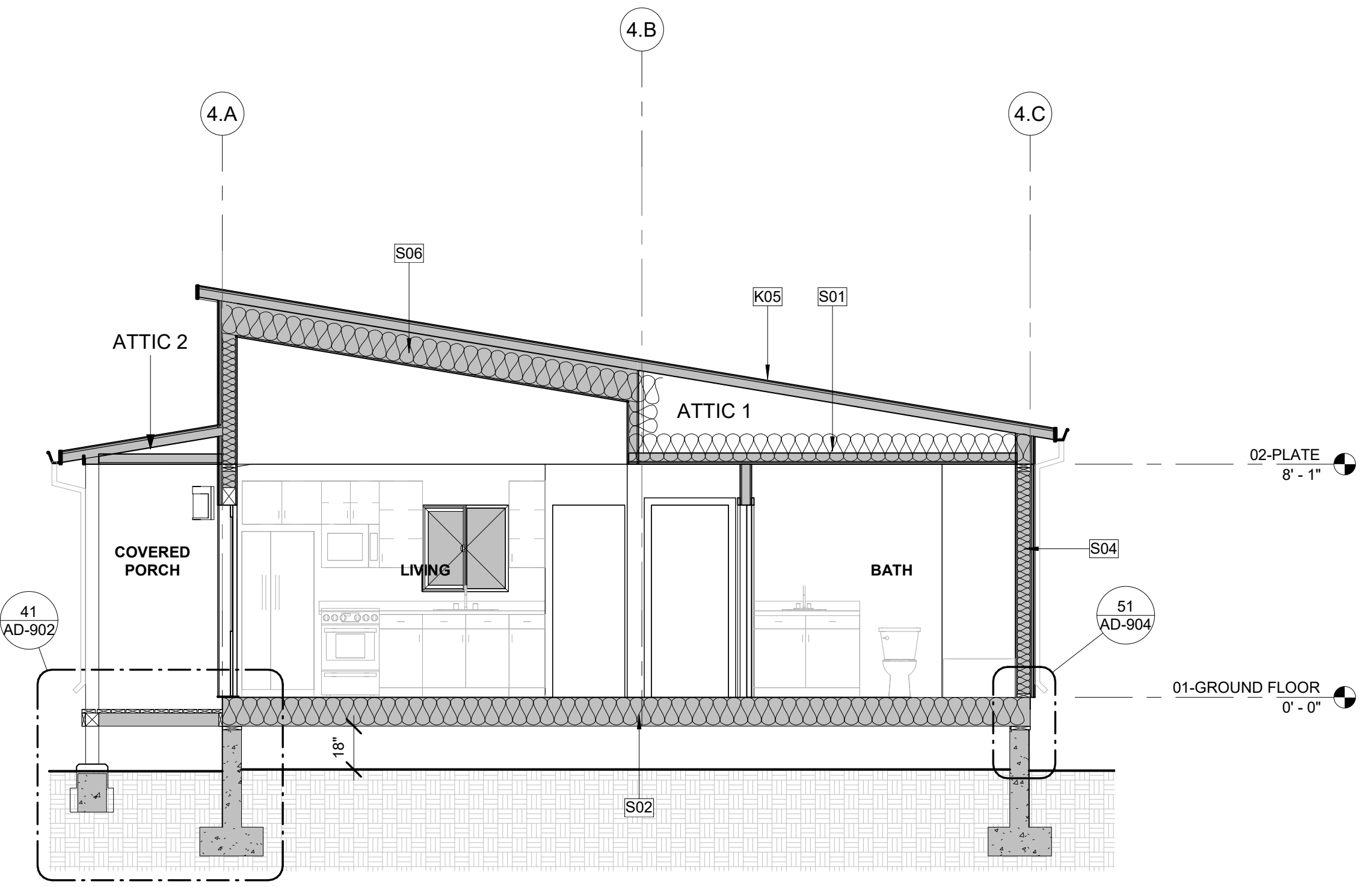
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DATE
6/30/2022

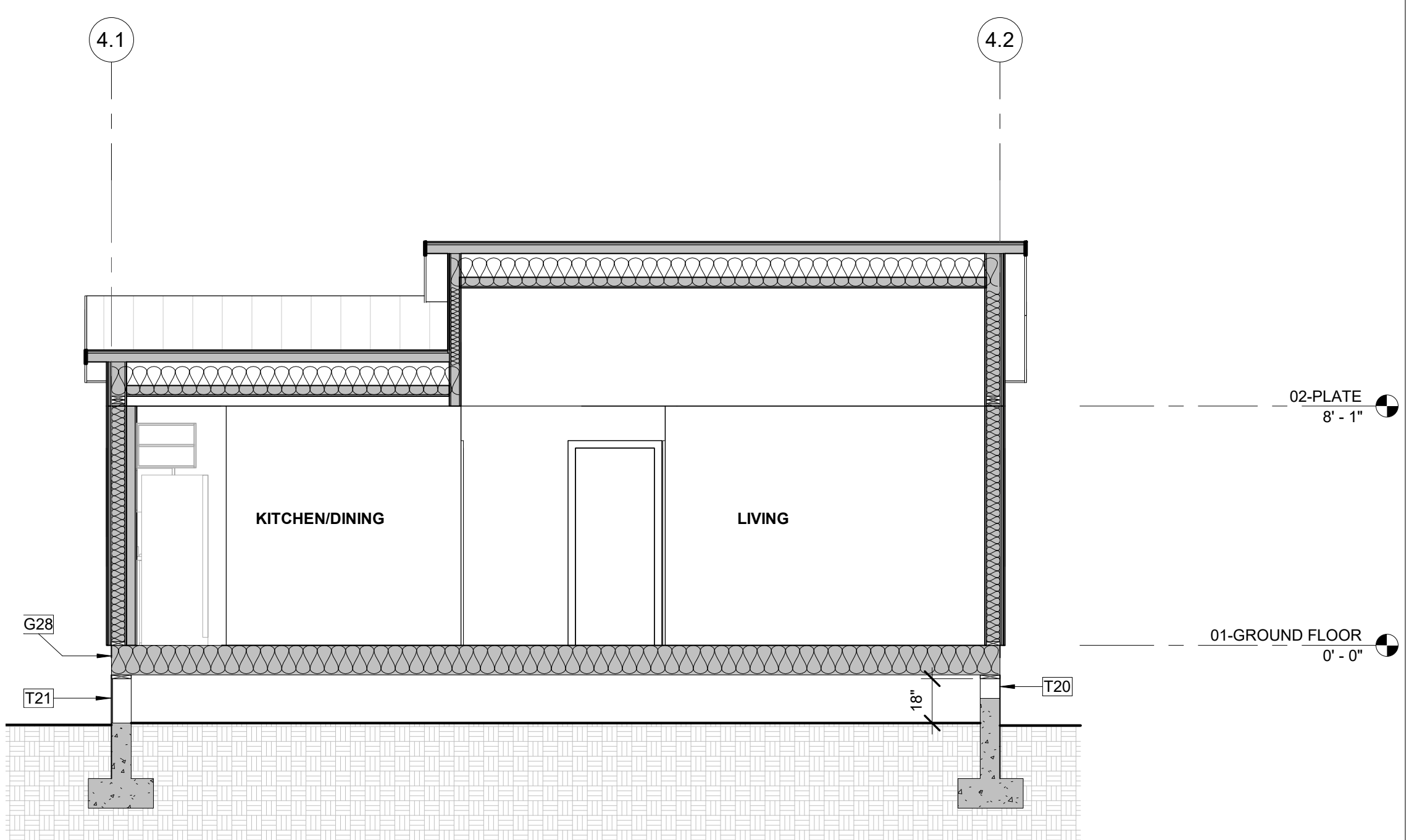
PROJECT NUMBER
2340-01-CU21

SHEET

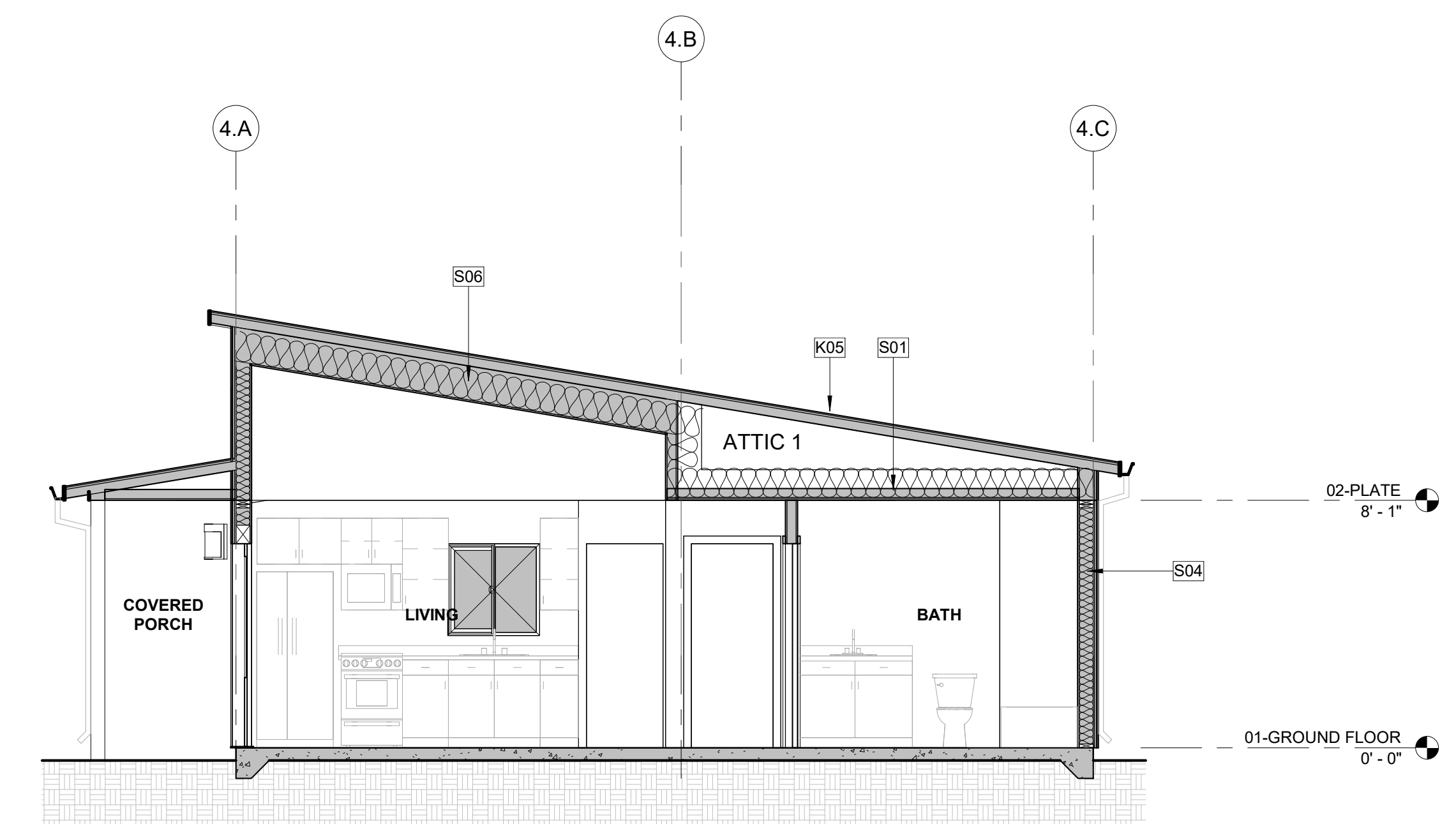
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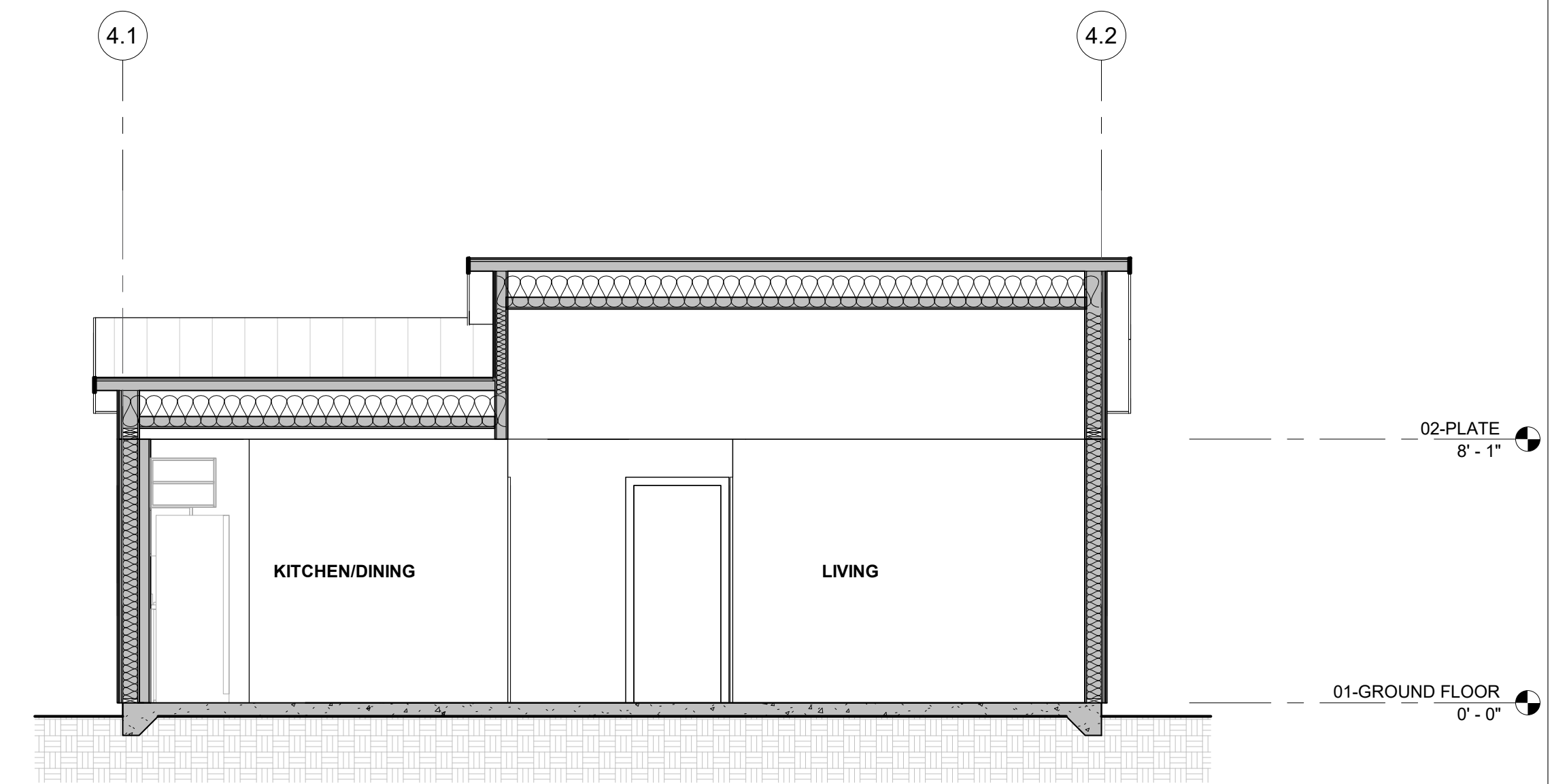
3 PLAN 4 - HD - SECTION 1 - RAISED FOUNDATION
A3-101 | A4-302 SCALE: 1/4" = 1'-0"



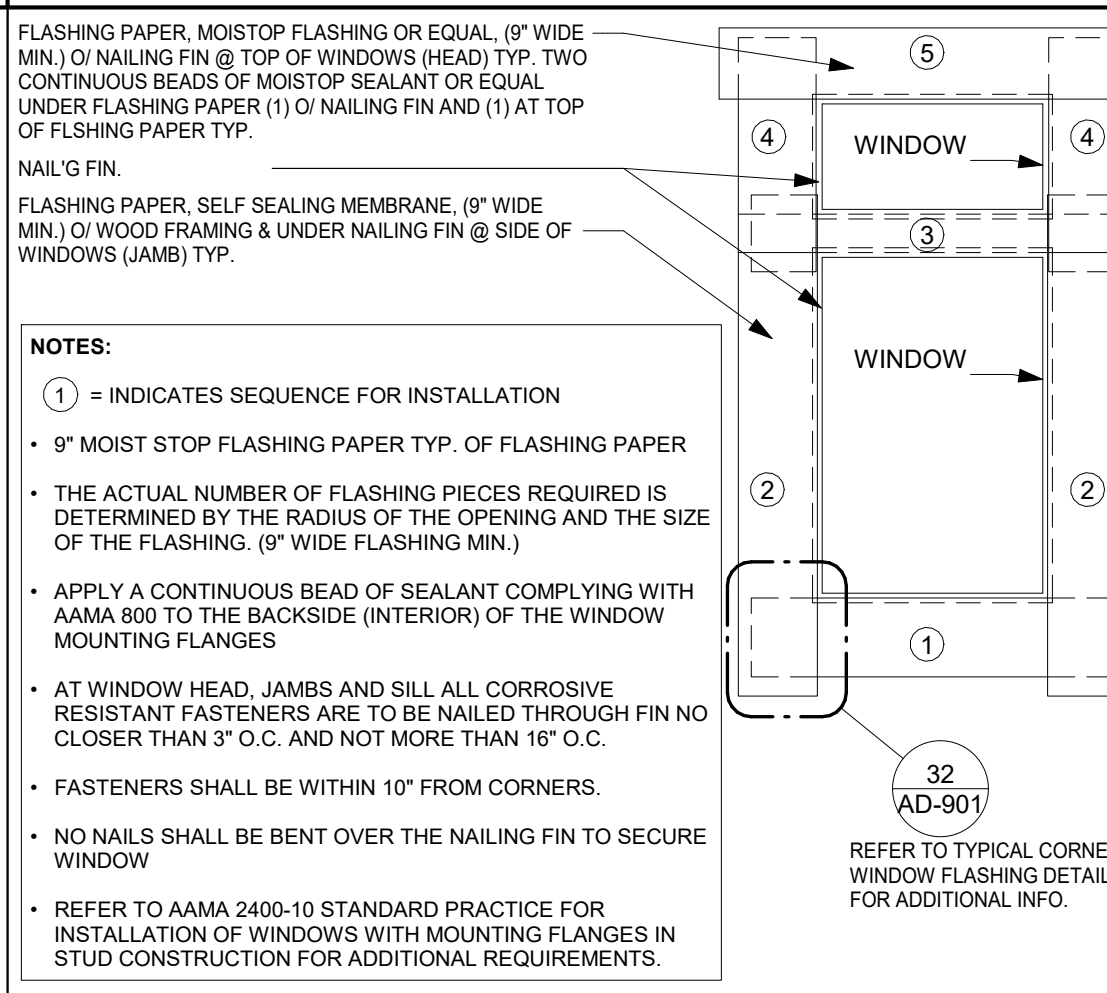
4 PLAN 4 - HD - SECTION 2 - RAISED FOUNDATION
A3-101 | A4-302 SCALE: 1/4" = 1'-0"



1 PLAN 4 - HD - SECTION 1 - SLAB-ON-GRADE
A4-302 SCALE: 1/4" = 1'-0"

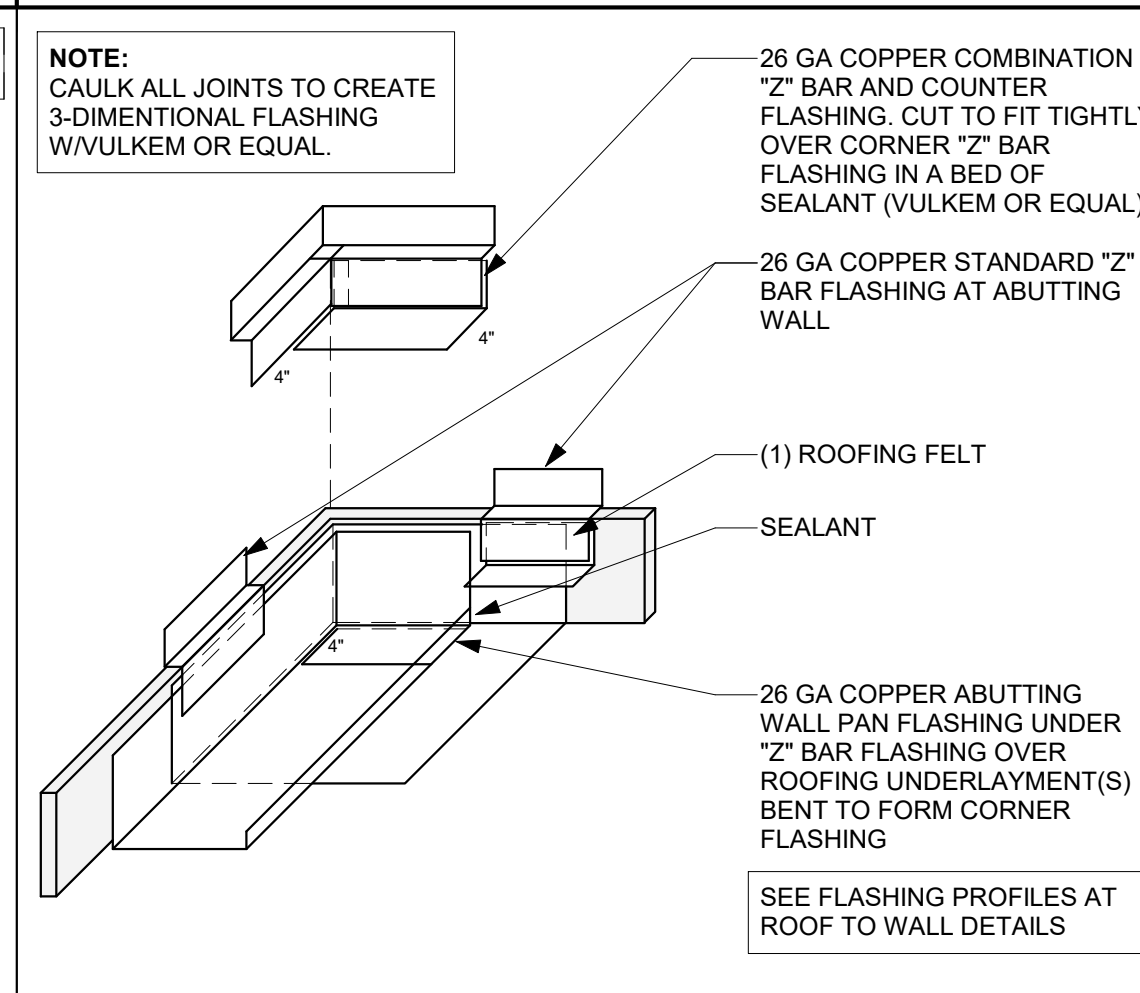


2 PLAN 4 - HD - SECTION 2 - SLAB-ON-GRADE
A4-302 SCALE: 1/4" = 1'-0"



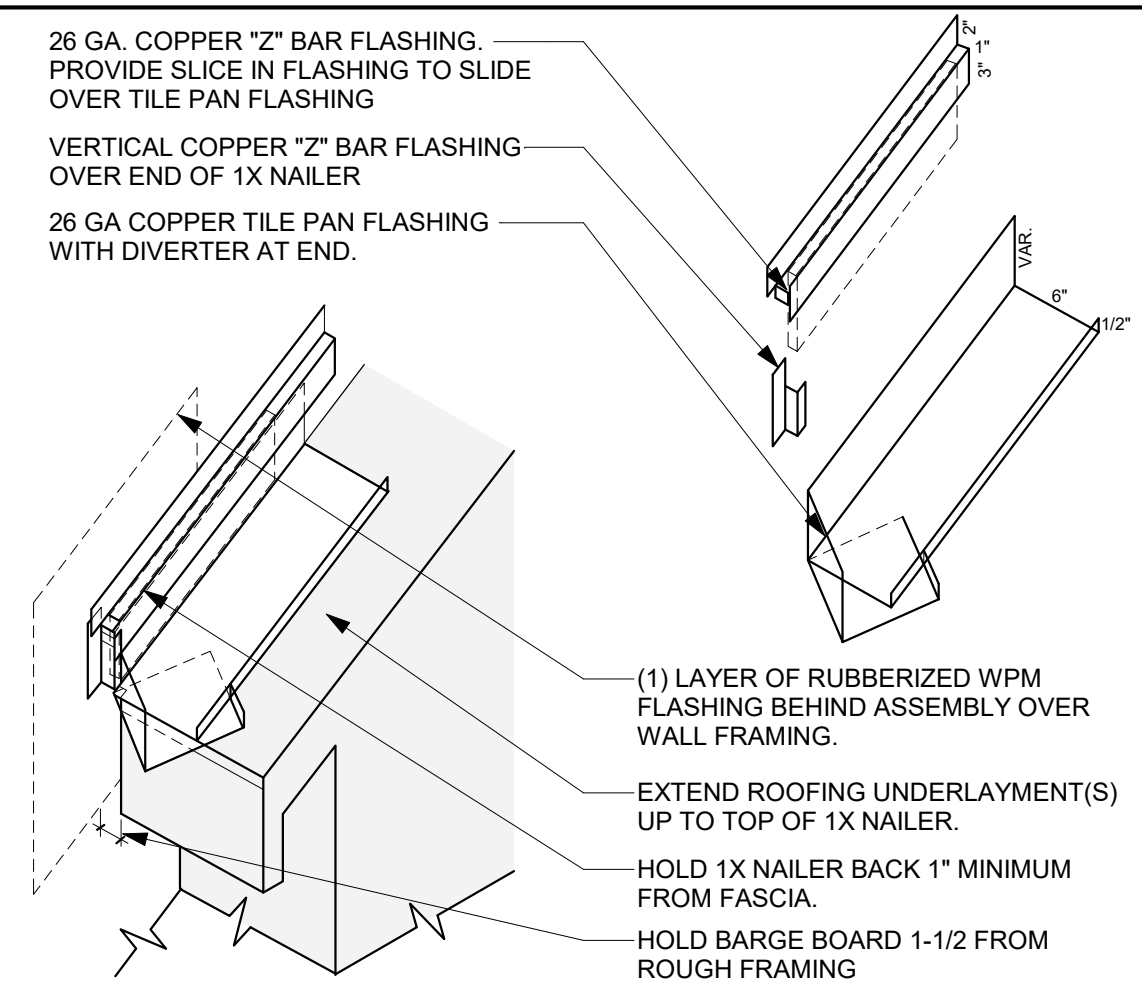
31 FLASHING - WINDOW TYP.

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



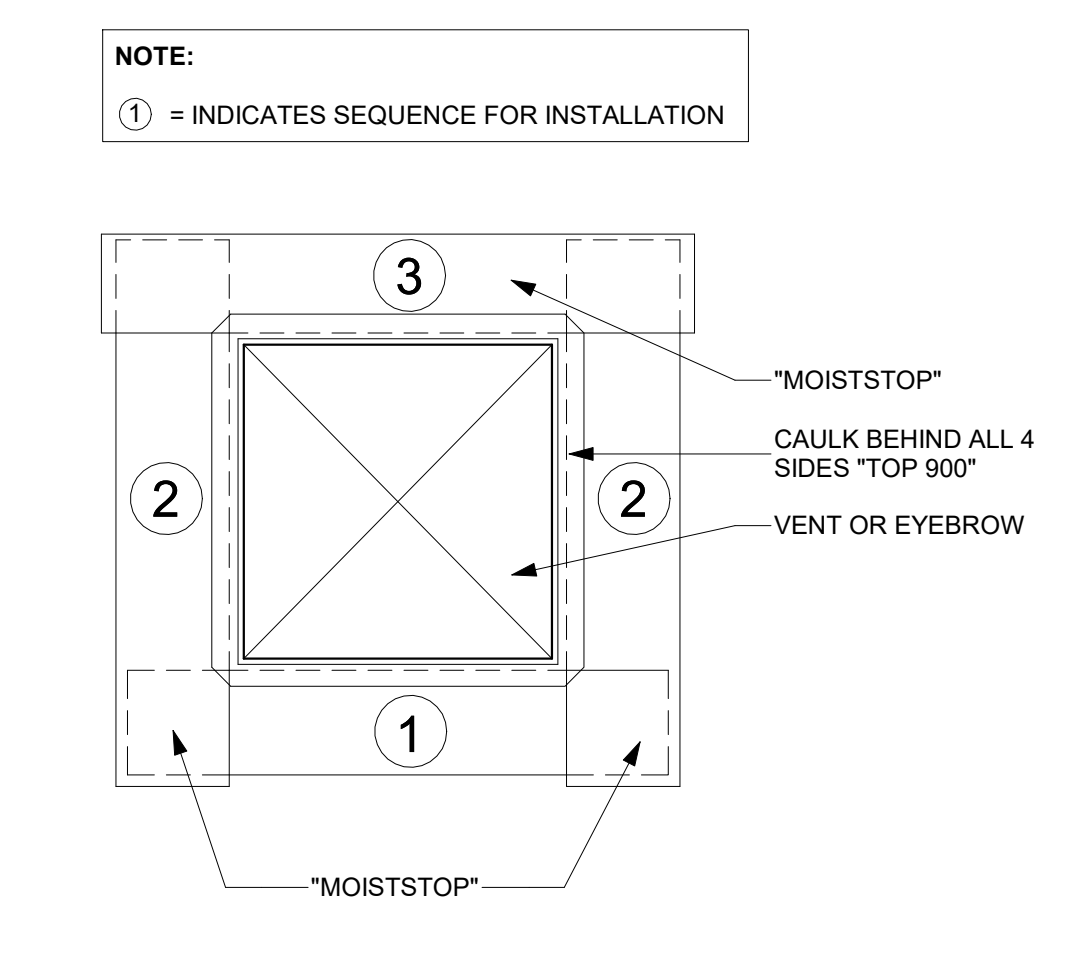
21 ROOF TO WALL TYP. FLASHING 5

SCALE: 3" = 1'-0"



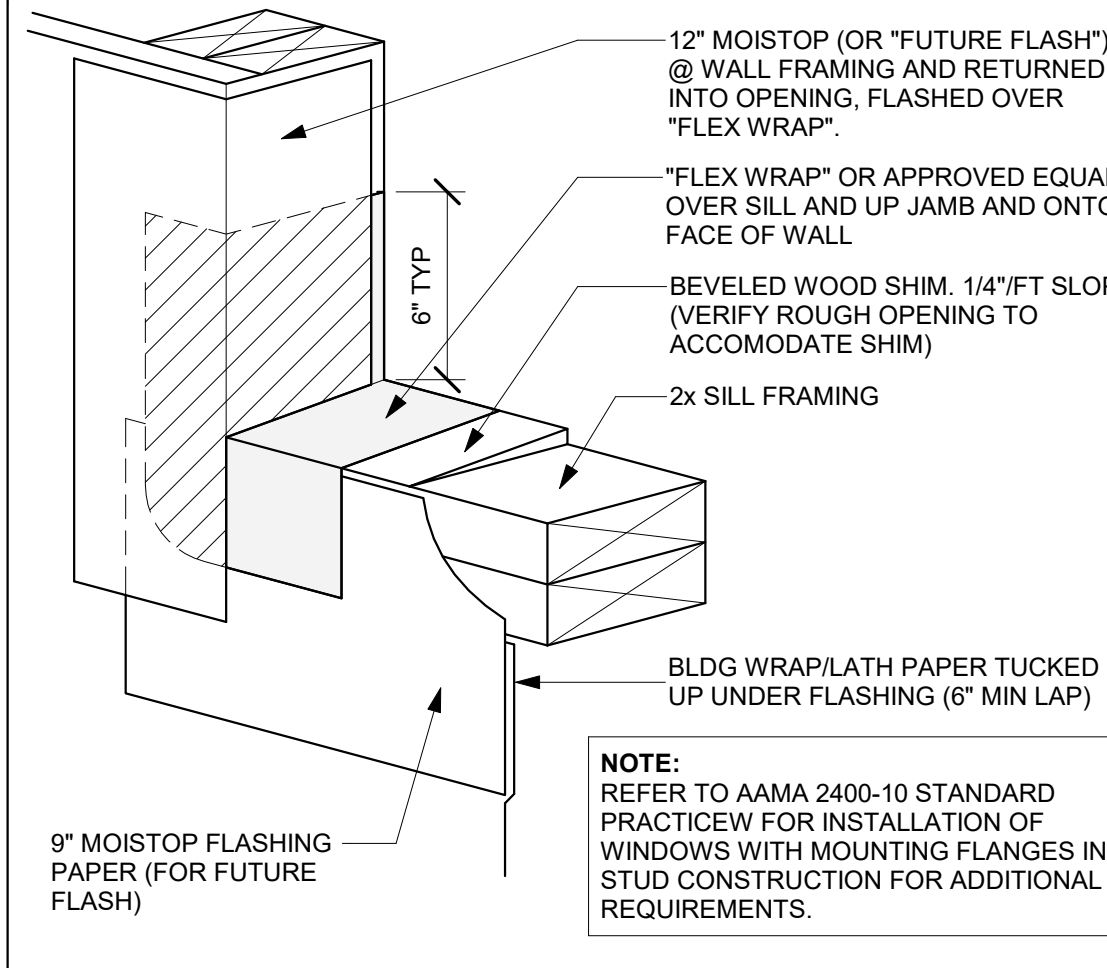
11 ROOF TO WALL TYP. FLASHING 1

SCALE: 6" = 1'-0"



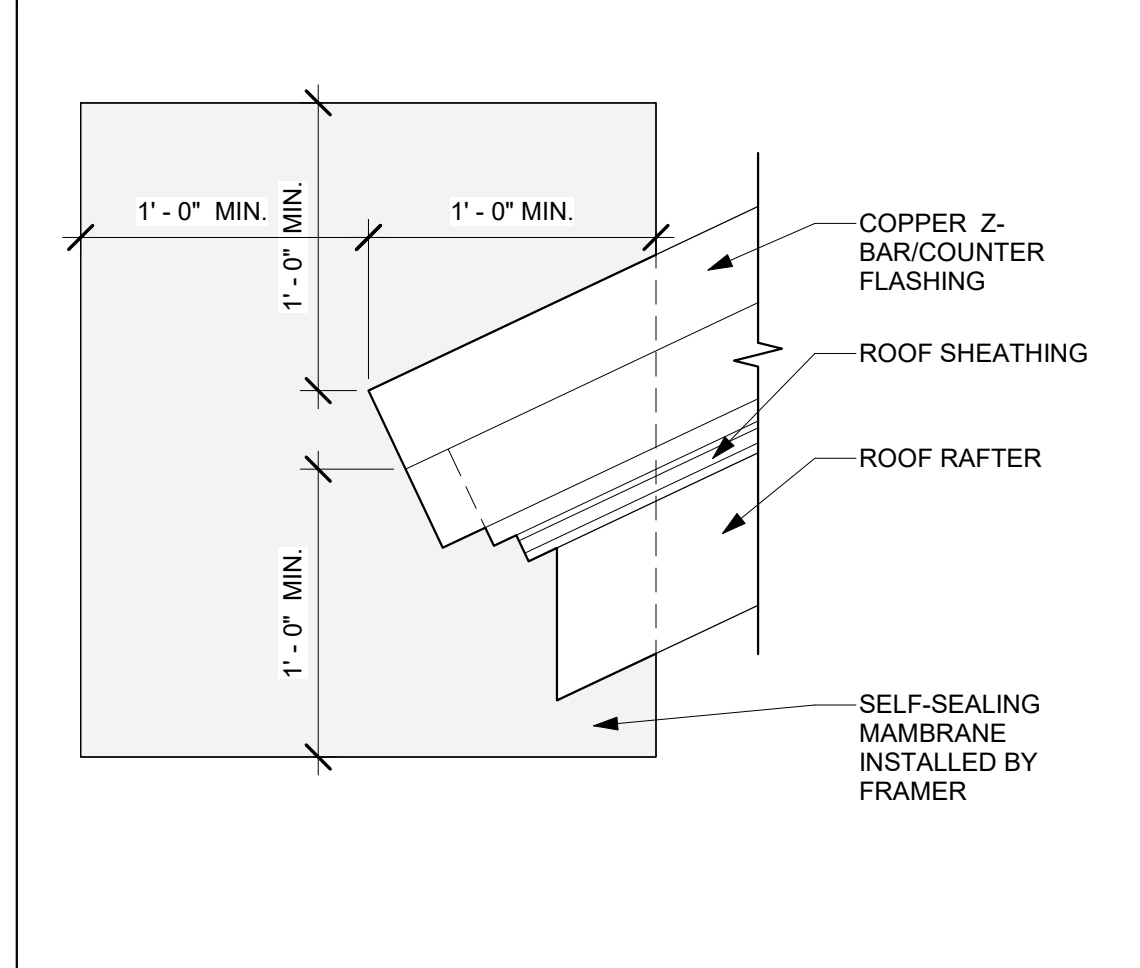
42 FLASHING - G.I. VENT

SCALE: 1" = 1'-0"



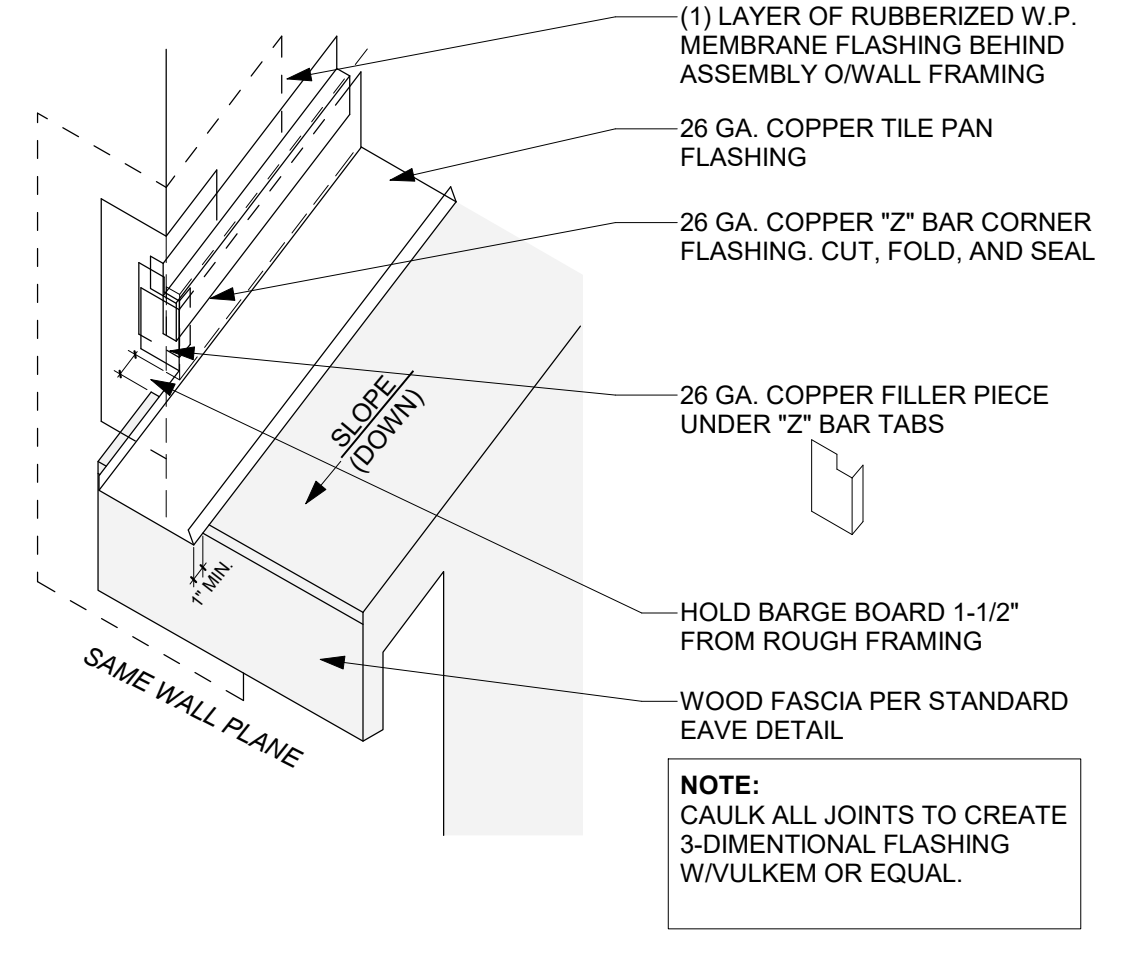
32 FLASHING - WINDOW CORNER TYP.

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



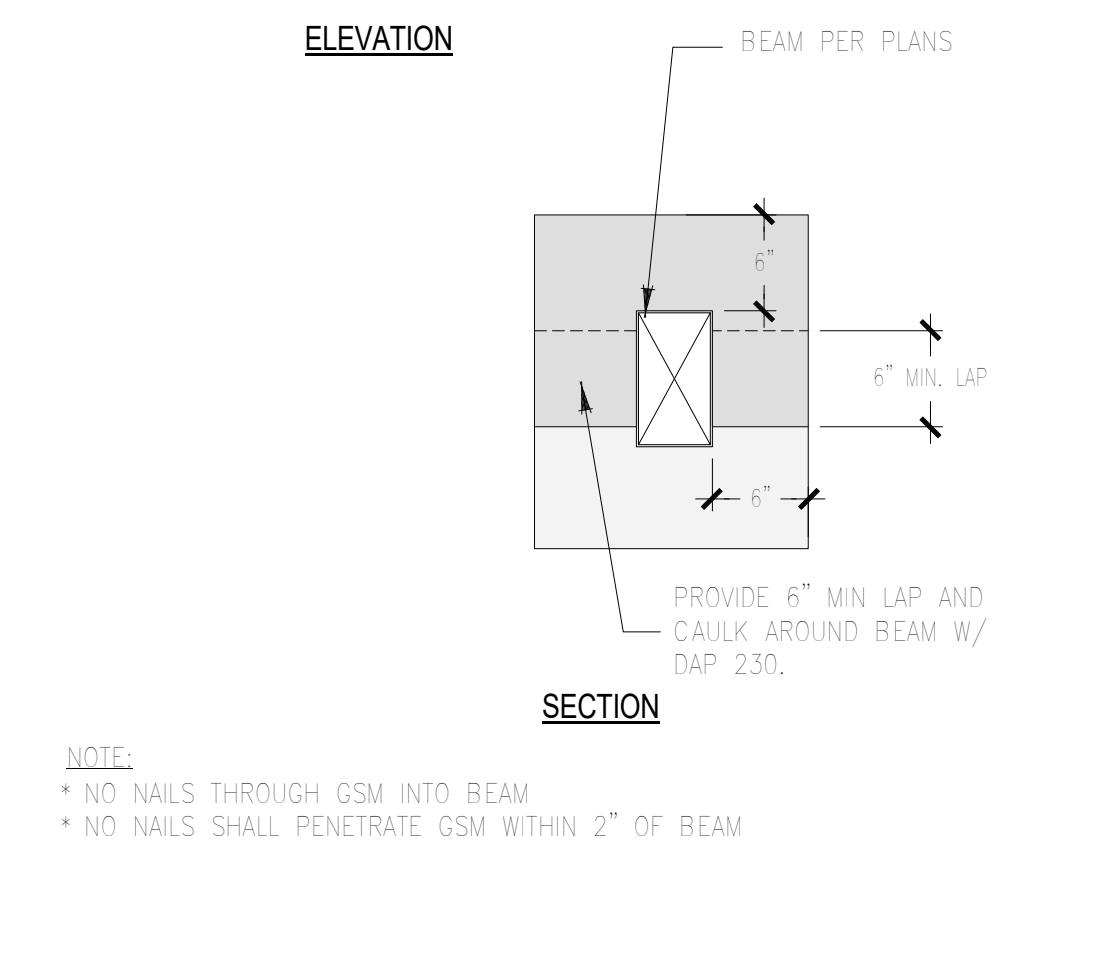
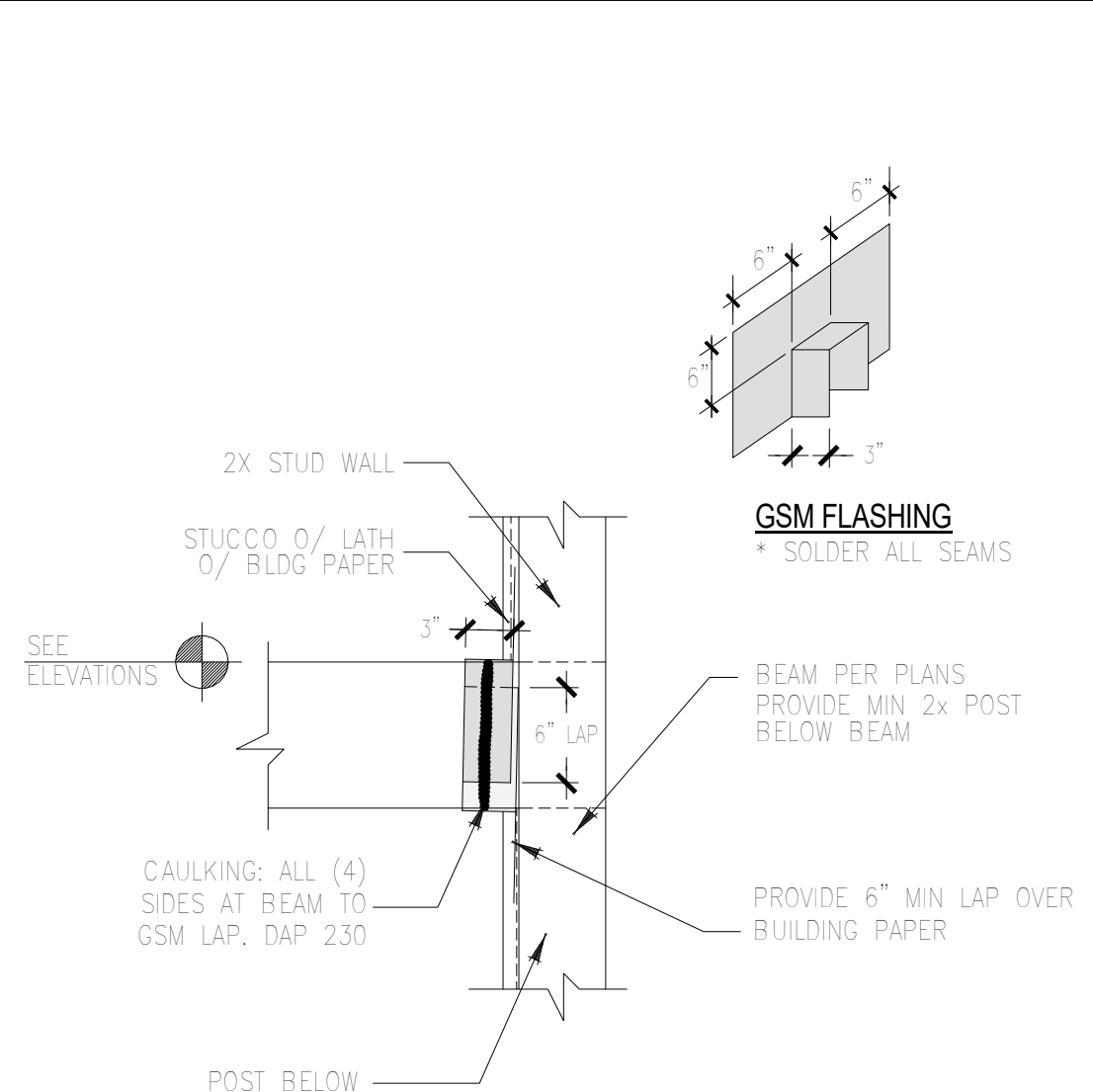
22 FLASHING - FASCIA TO WALL TYP.

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



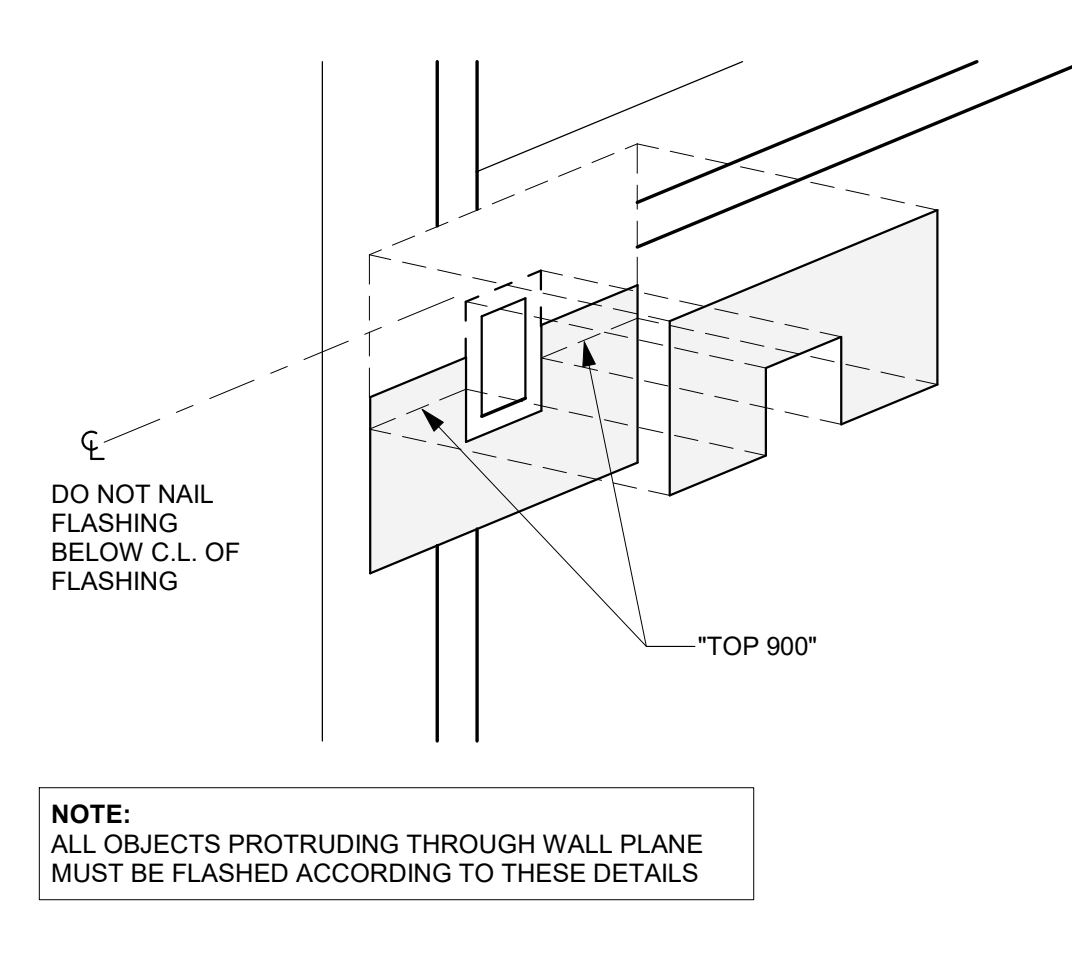
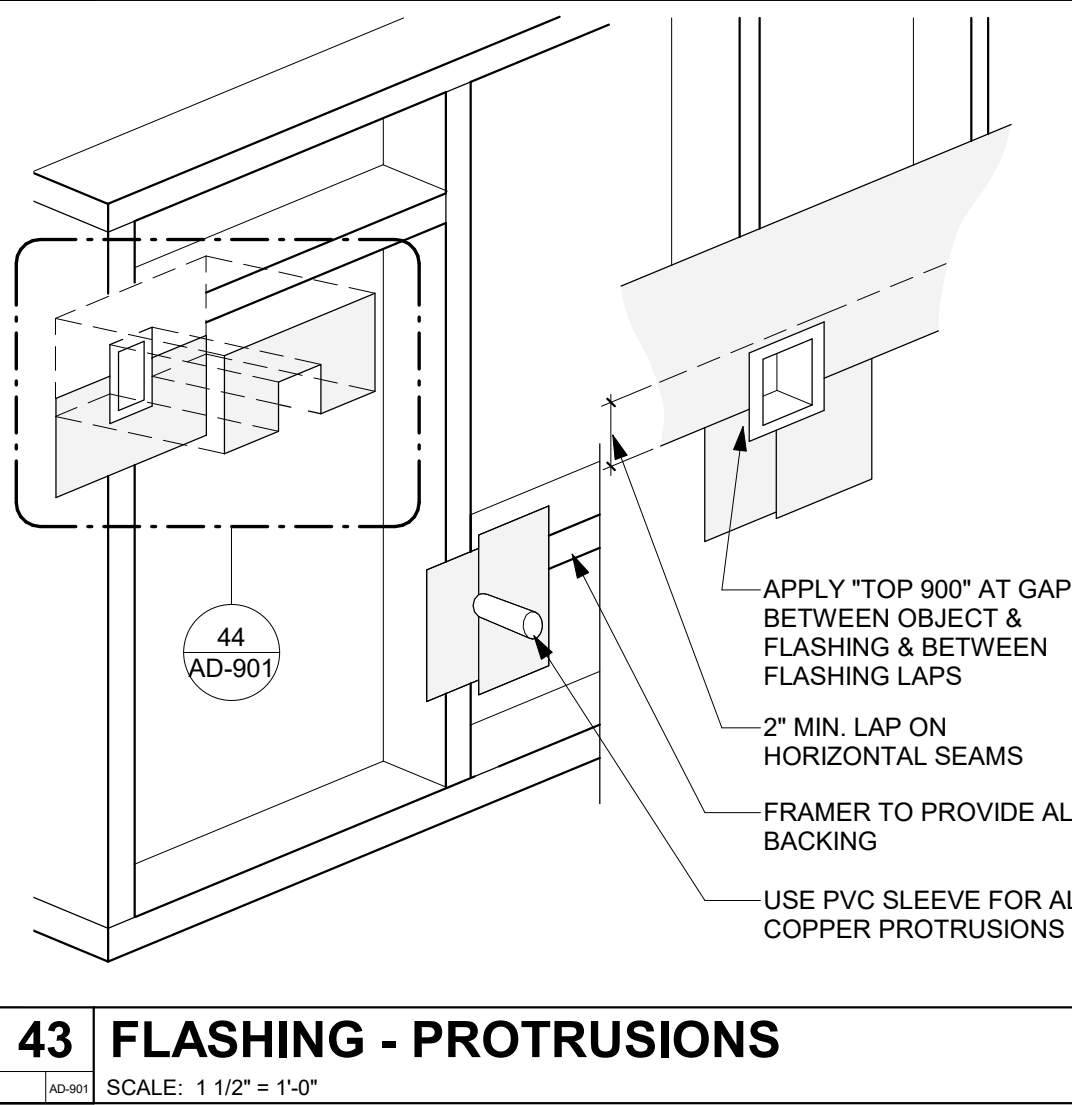
12 ROOF TO WALL TYP. FLASHING 2

SCALE: 3" = 1'-0"



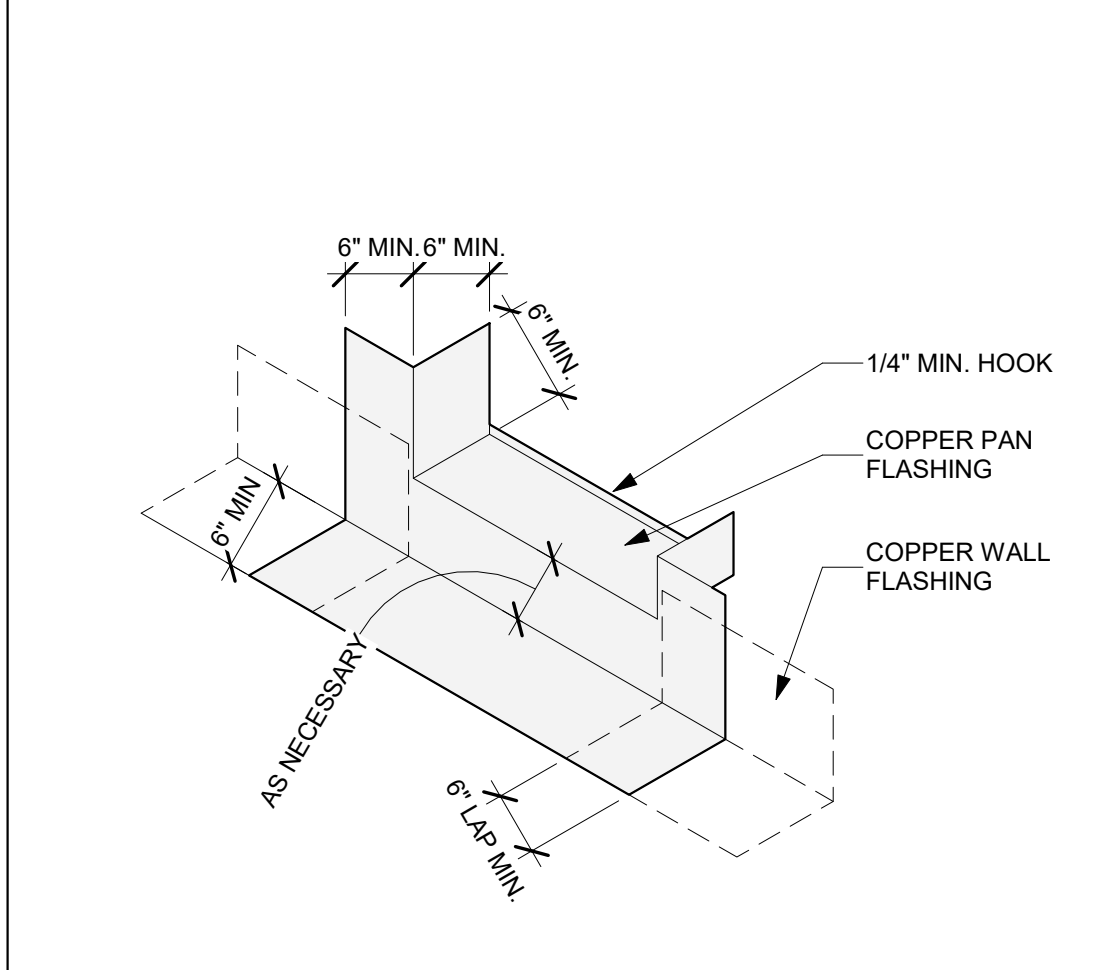
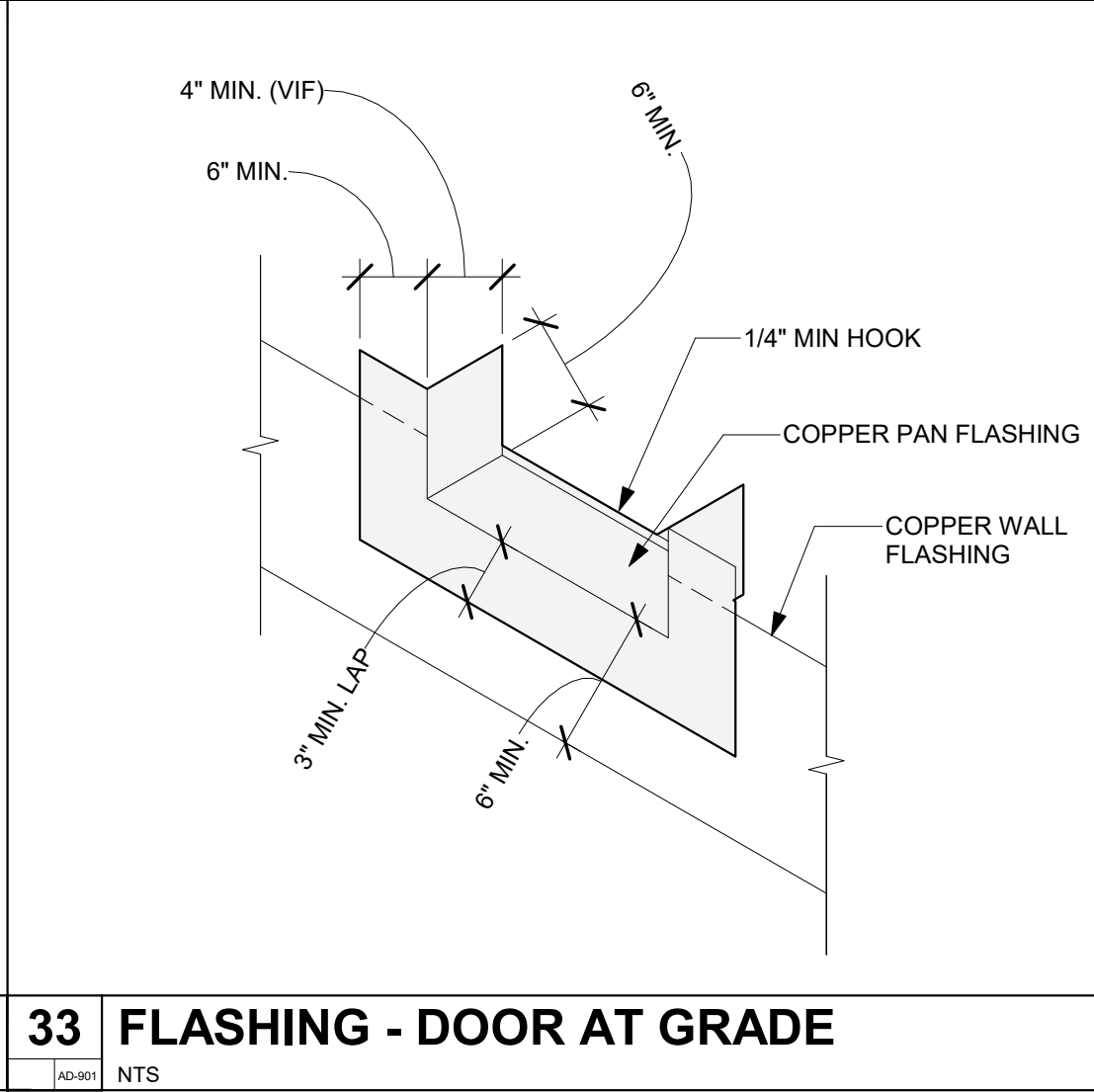
54 BEAM TO WALL FLASHING

SCALE: 1" = 1'-0"



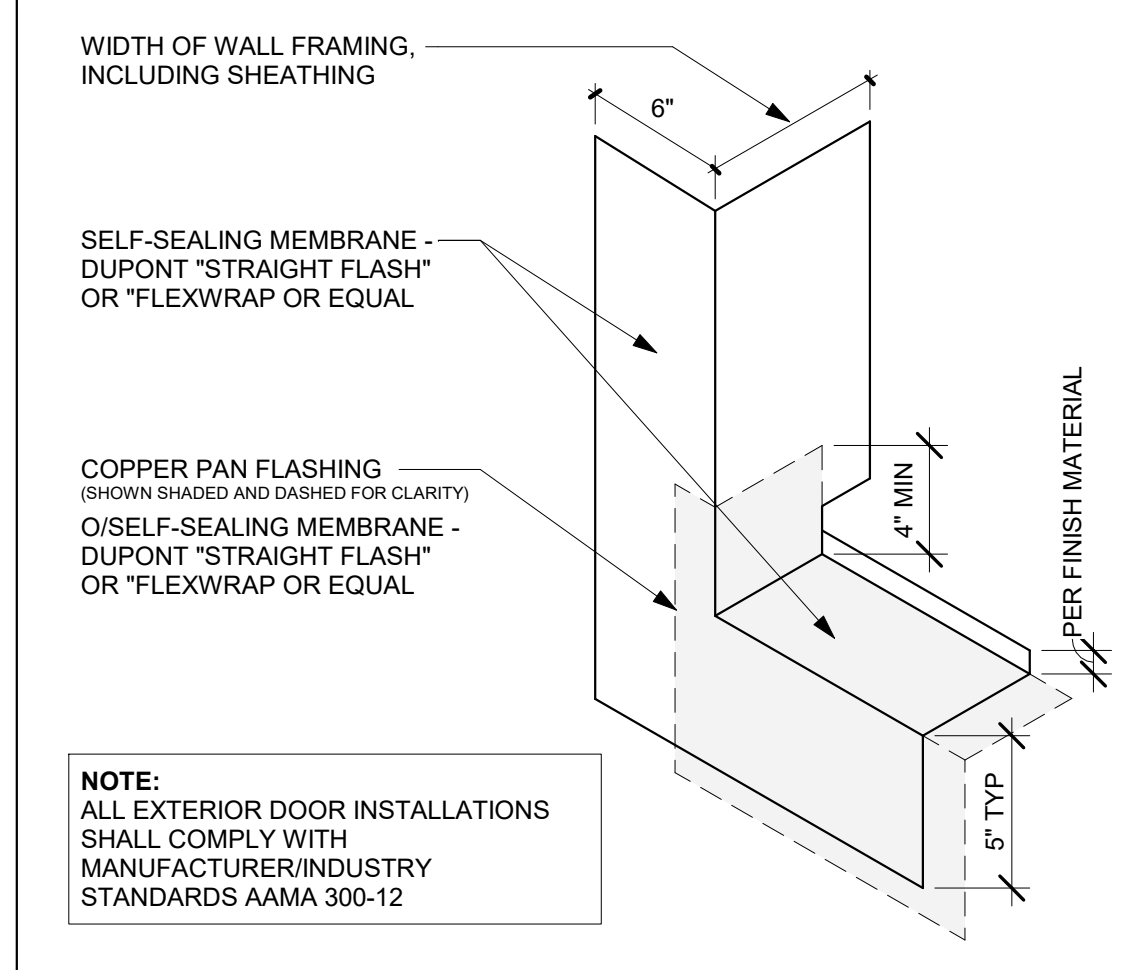
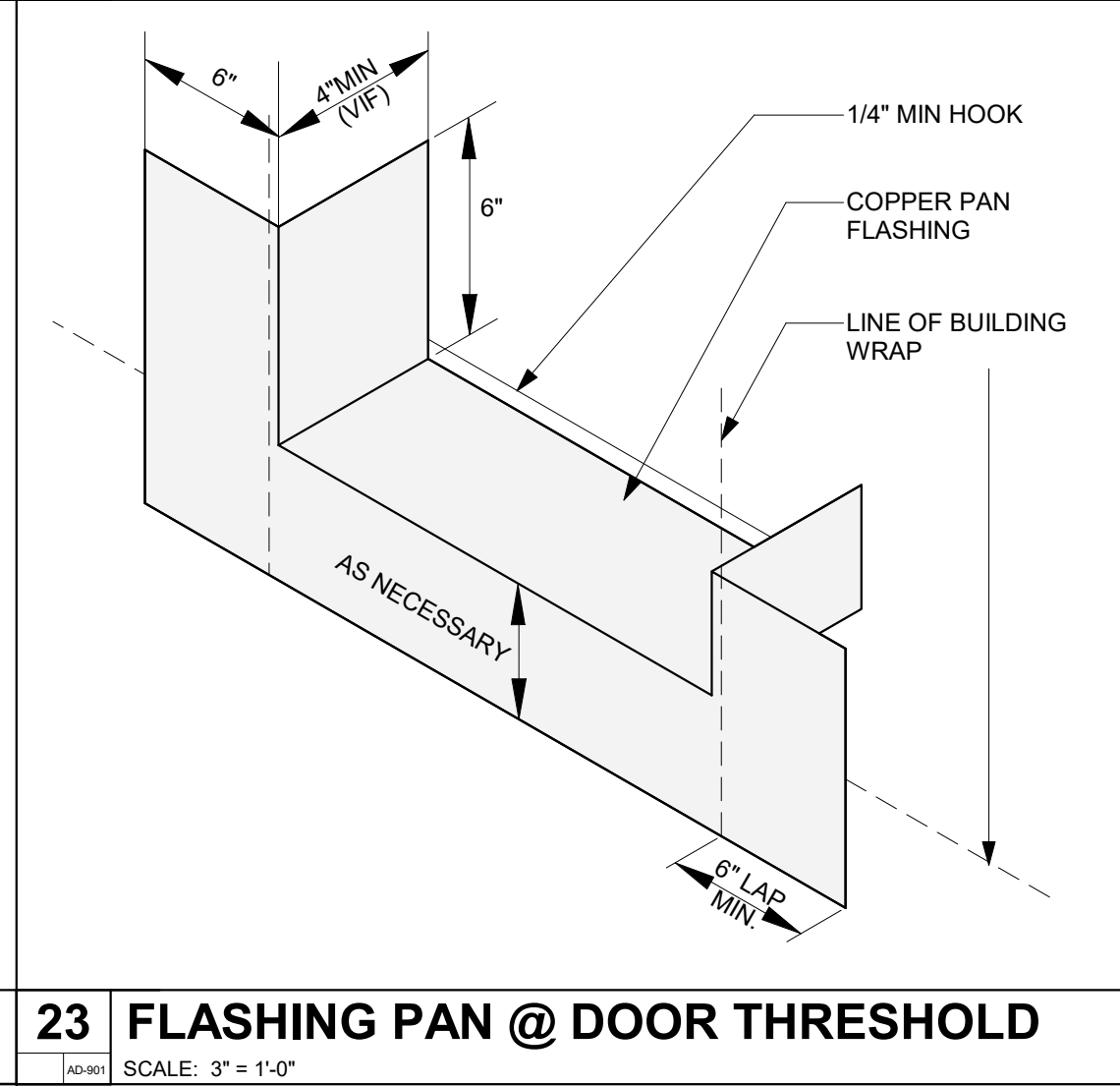
44 FLASHING - DETAILED PROTRUSION

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



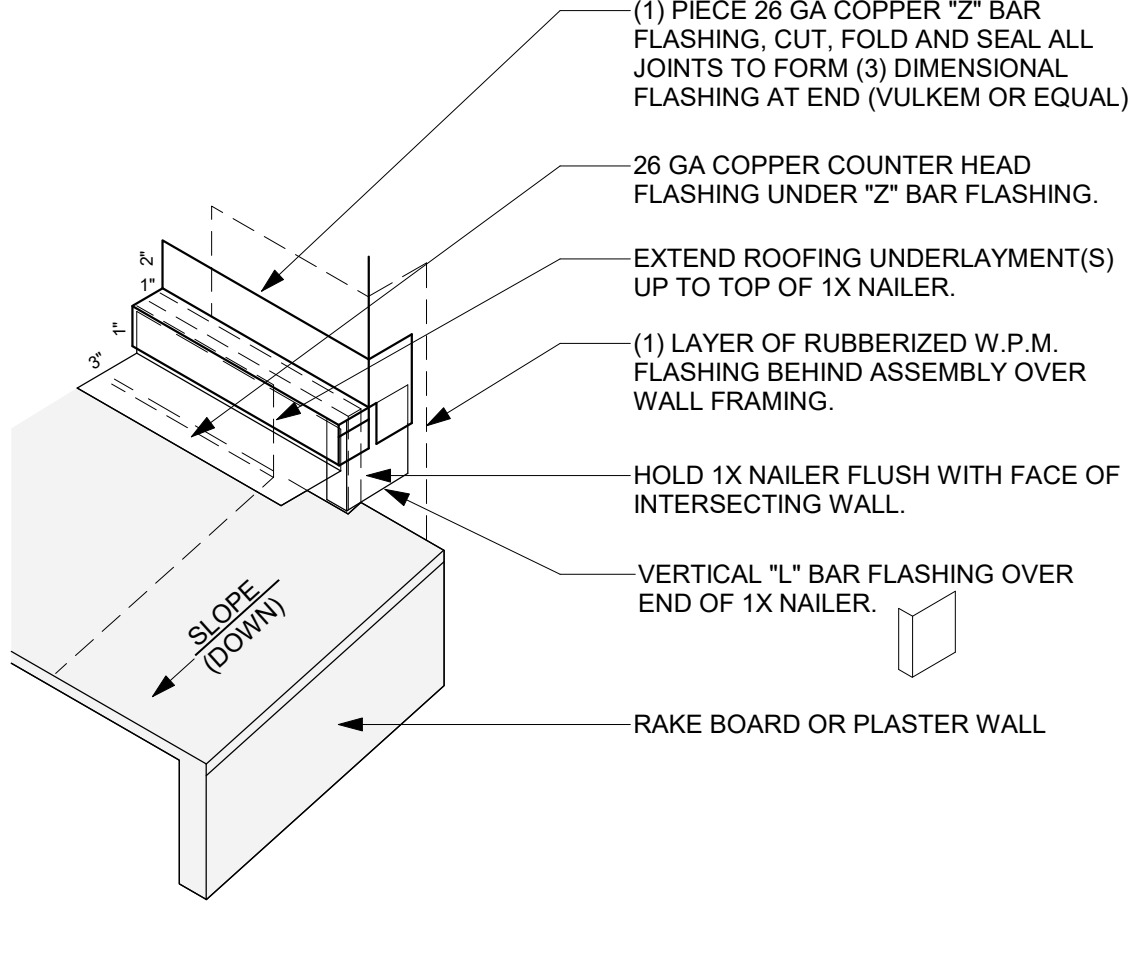
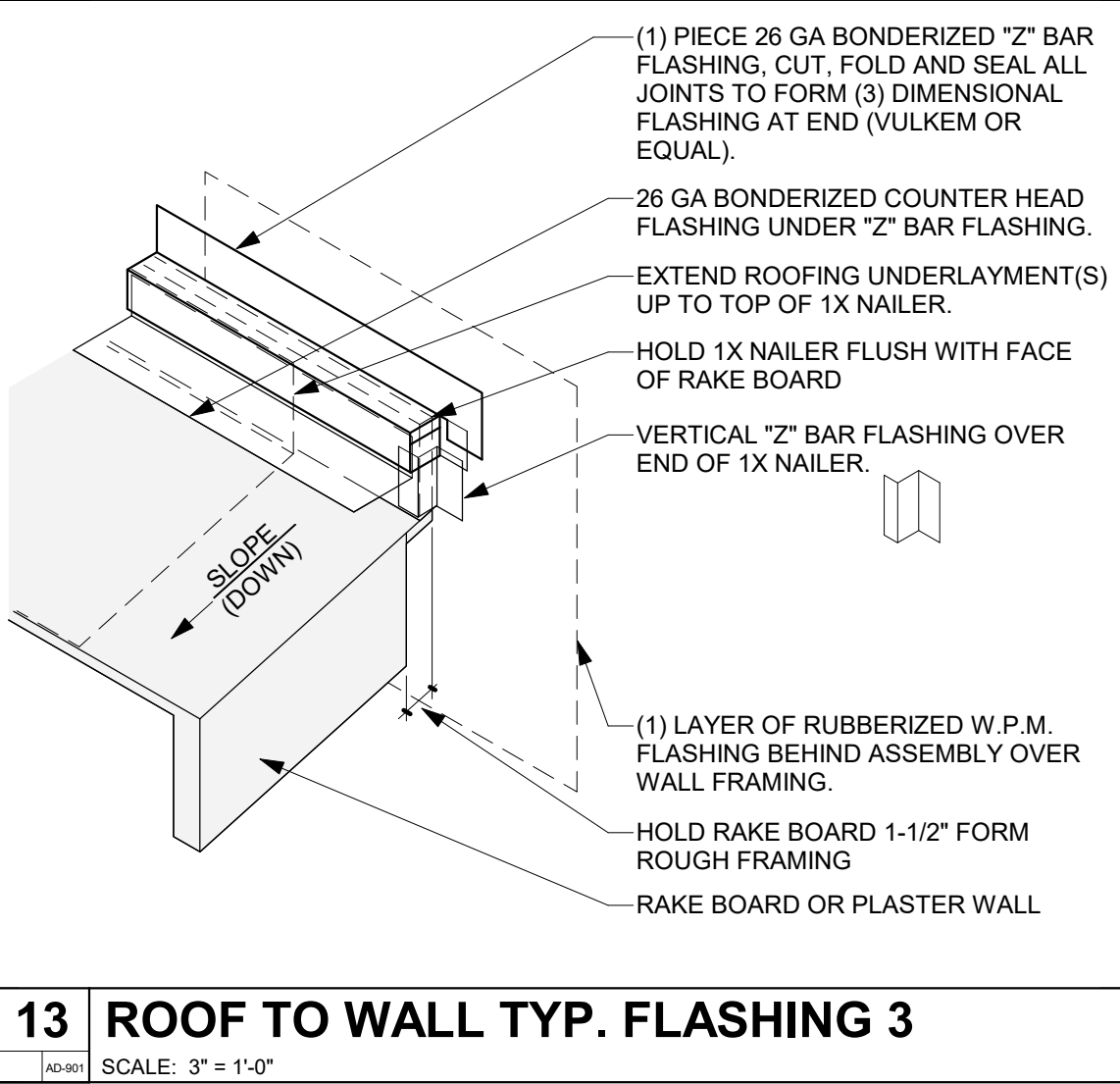
34 FLASHING - DOOR AT W.P. DECK

SCALE: NTS



24 FLASHING - JAMB TO SILL TYP.

SCALE: 3" = 1'-0"



14 ROOF TO WALL TYP. FLASHING 4

SCALE: 3" = 1'-0"

CONSULTANT

AGENCY

**MONO COUNTY ADU
PROTOTYPES**
MONO COUNTY
ARCHITECTURAL DETAILS -
COMMON

NO.	REVISION	DATE

PROJECT MANAGER
RR

DRAWN BY

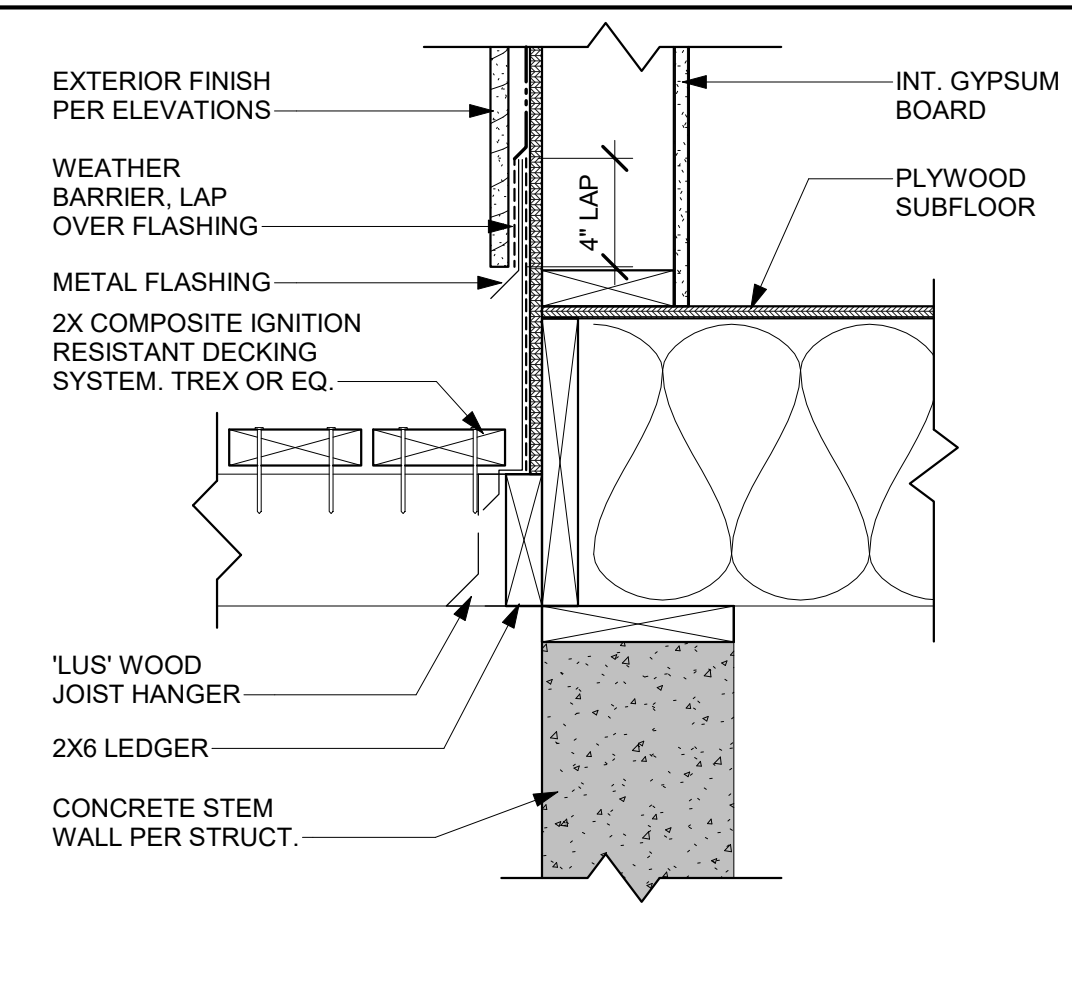
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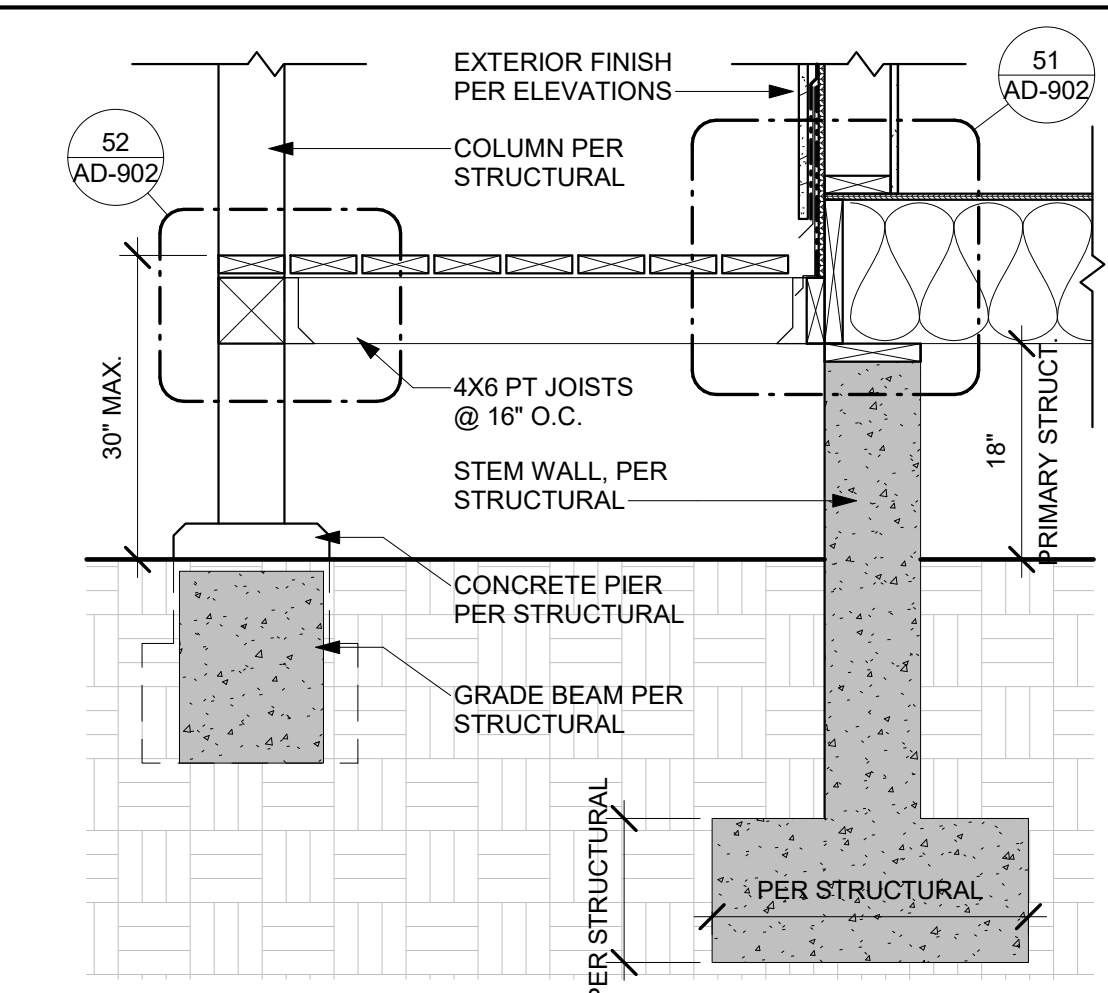
PROJECT NUMBER
2340-01-CU21

SHEET

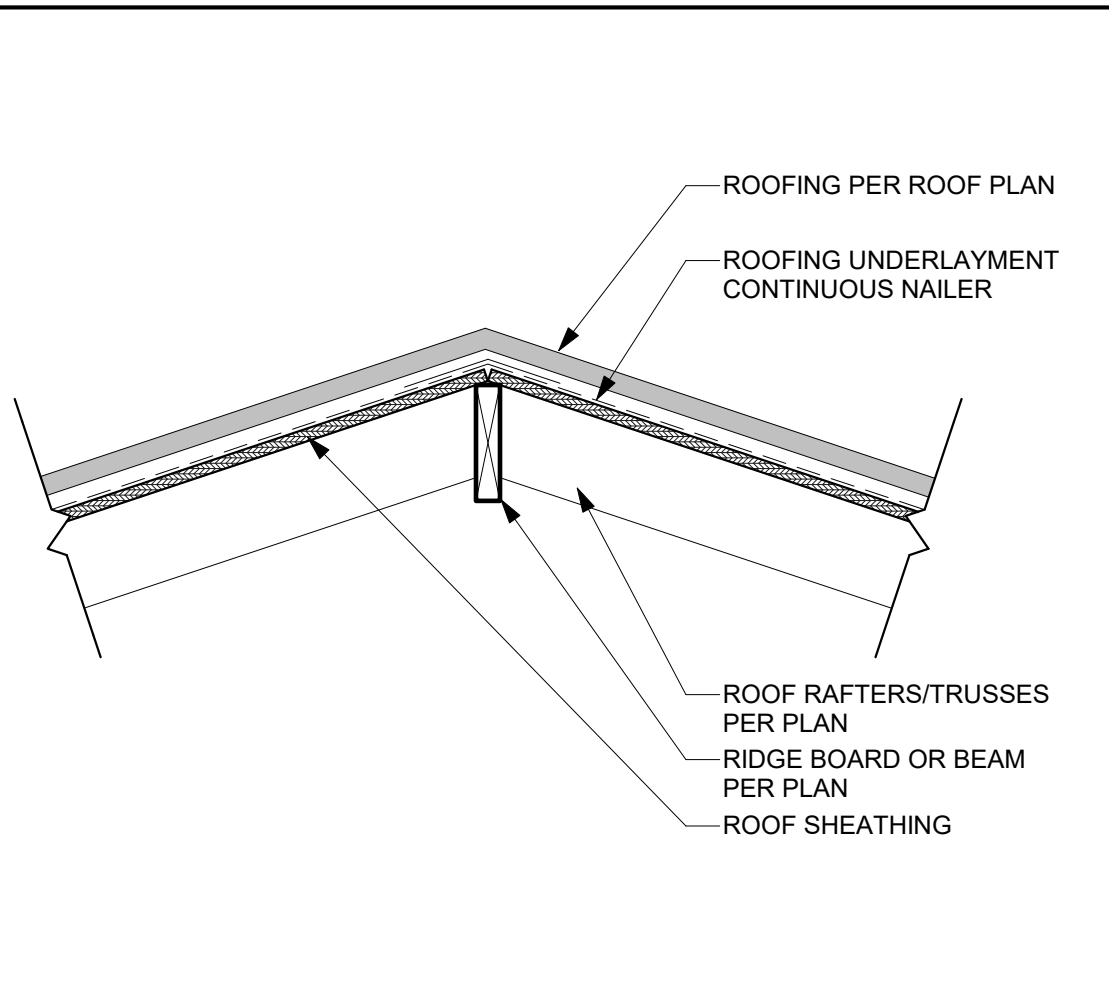
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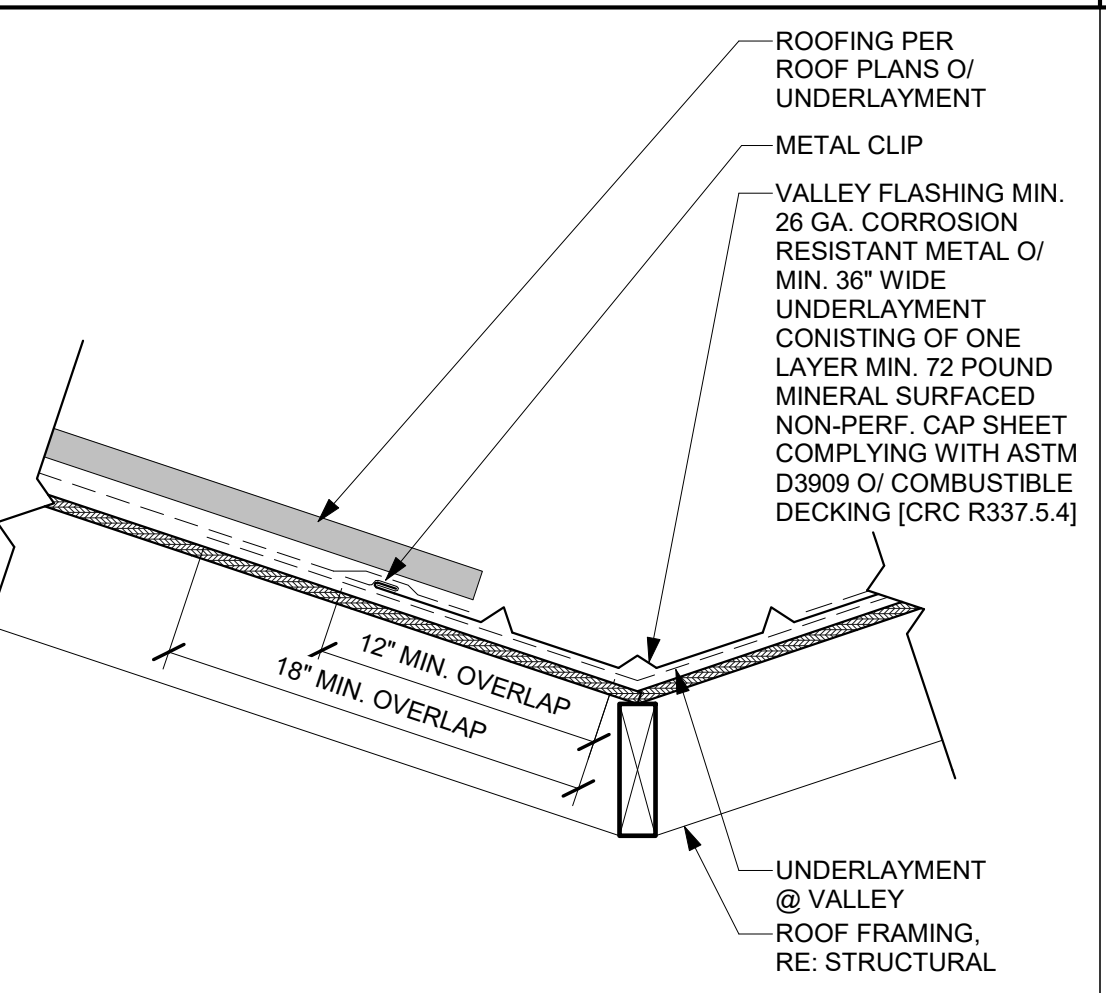
51 DECKING TO EXT. WALL
AD-902AD-902 1 1/2" = 1'-0"



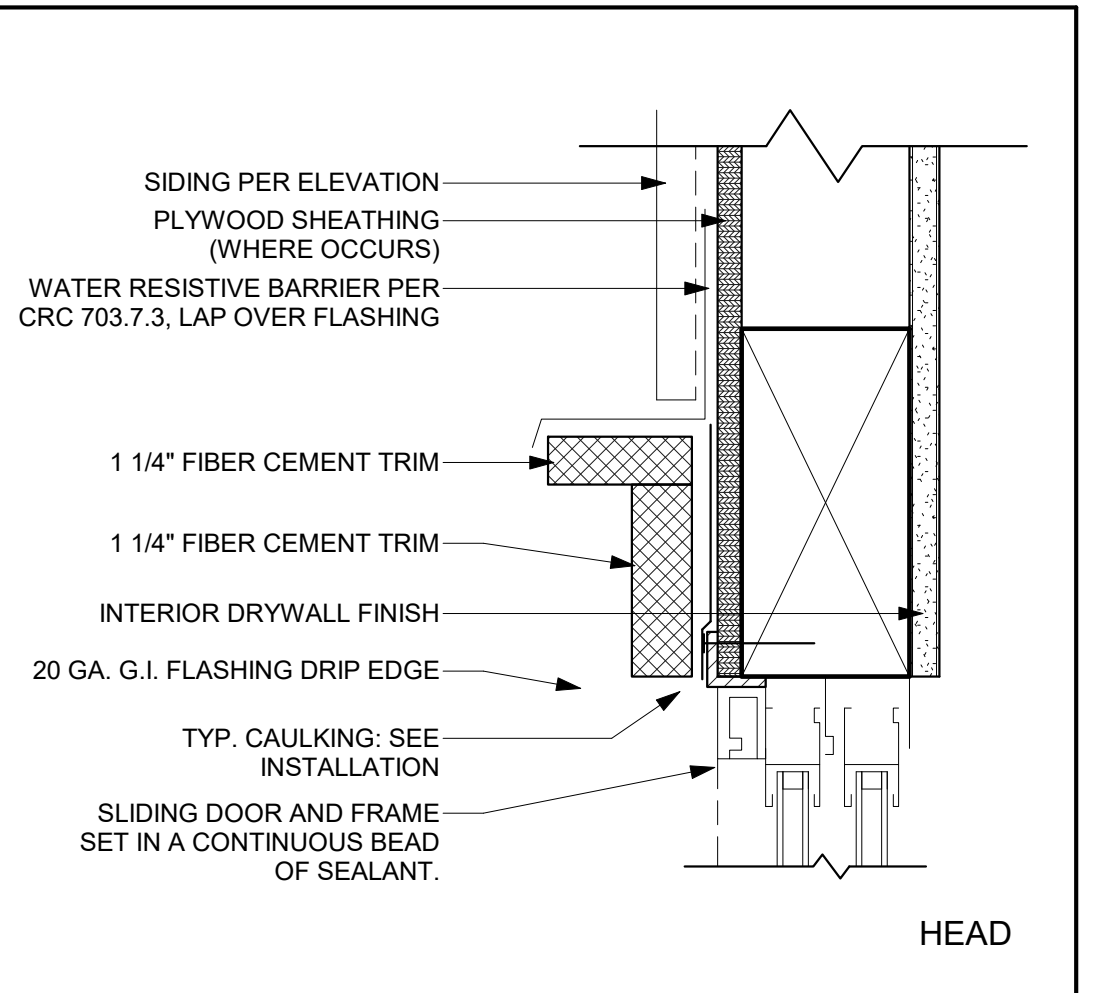
41 RAISED PORCH DETAIL
A1-301AD-902 3/4" = 1'-0"



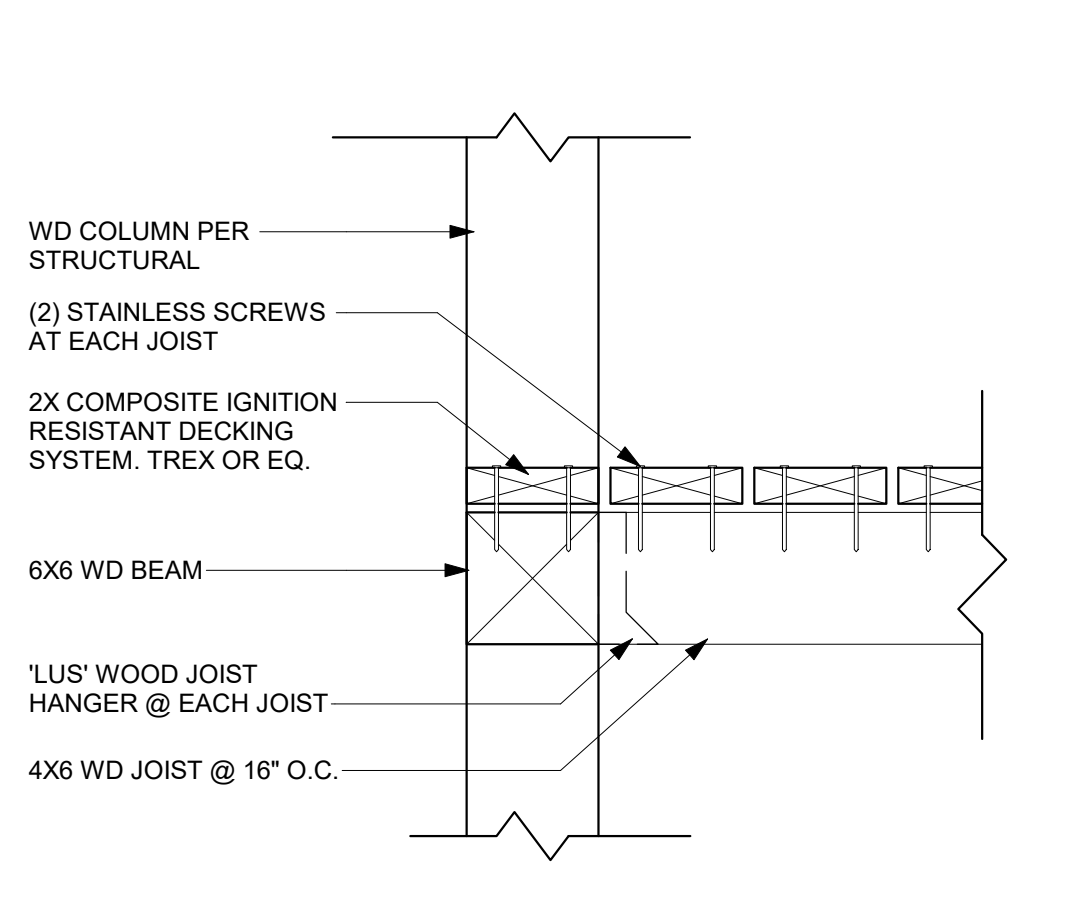
31 ROOF - HIP/RIDGE
AD-902 1" = 1'-0"



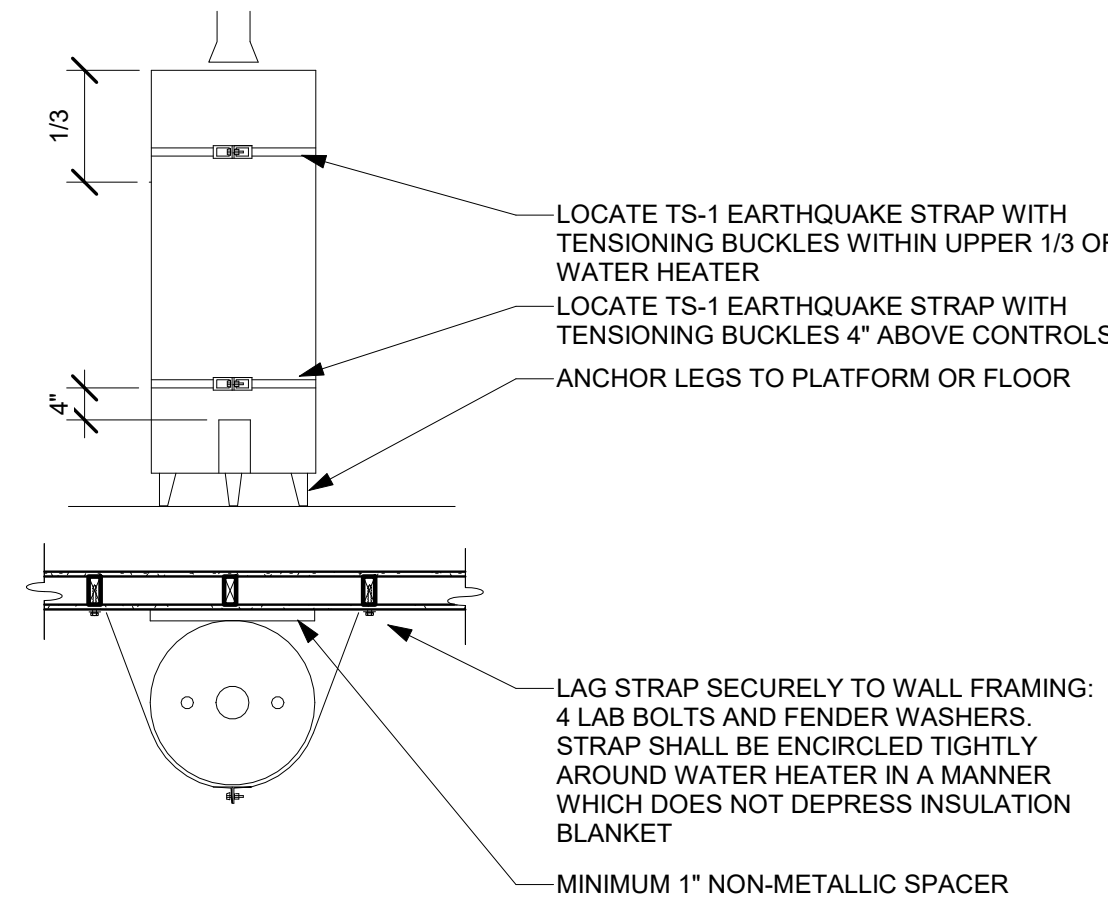
21 ROOF - VALLEY
AD-902 1 1/2" = 1'-0"



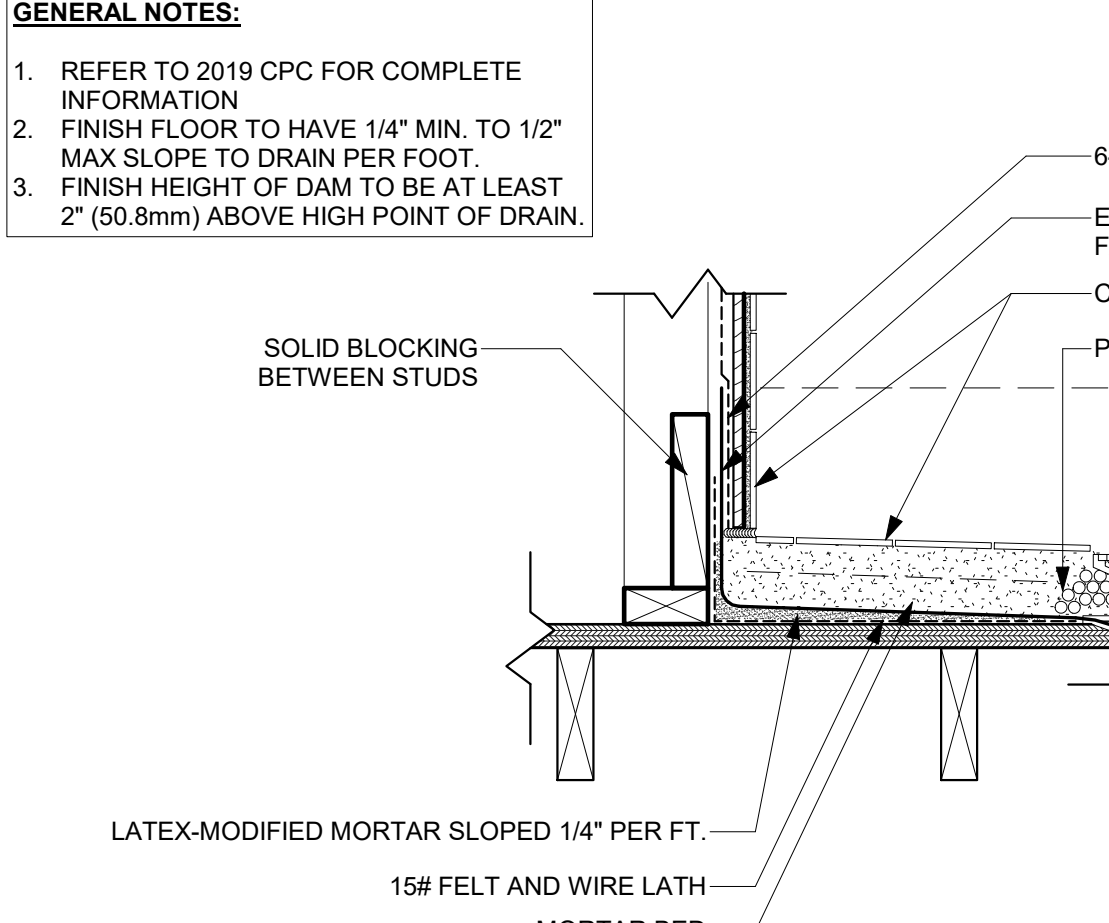
11 DOOR-SLIDING GLASS
AD-902 3" = 1'-0"



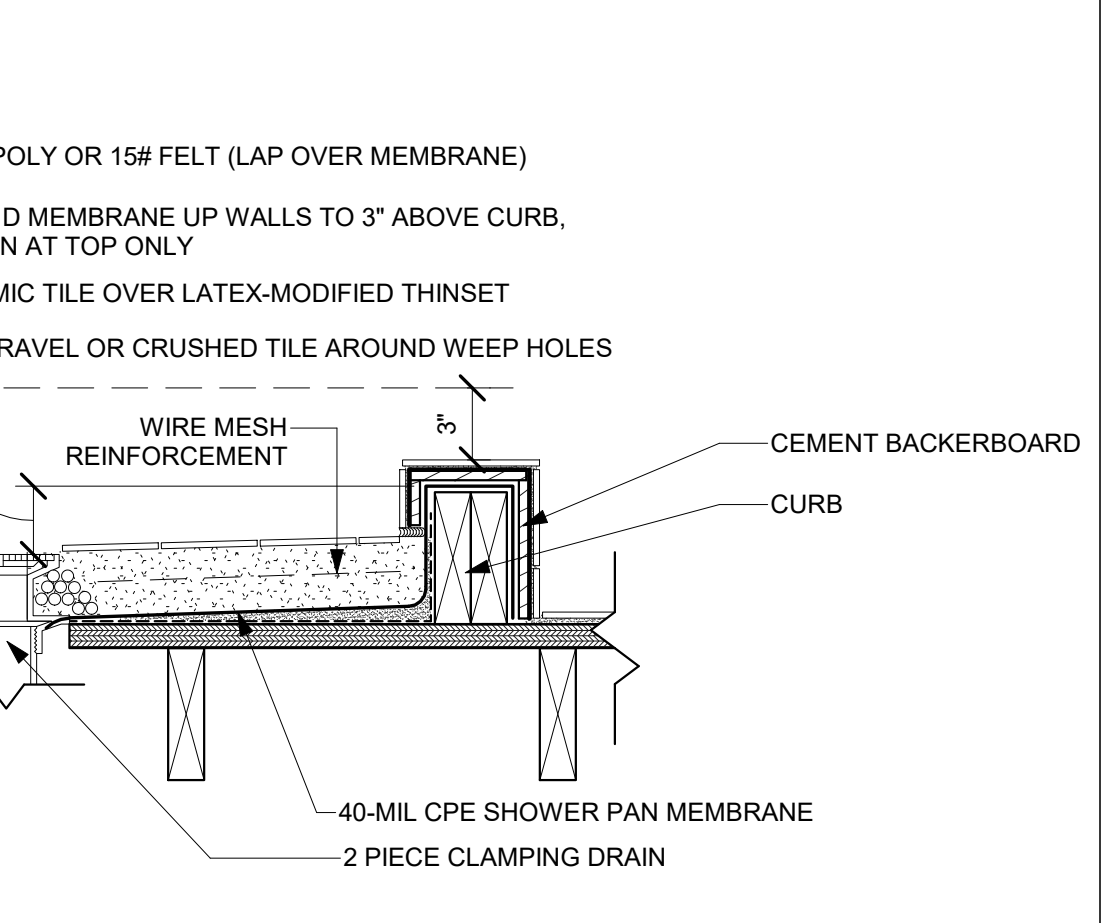
52 PORCH DECK EDGE
AD-902AD-902 1 1/2" = 1'-0"



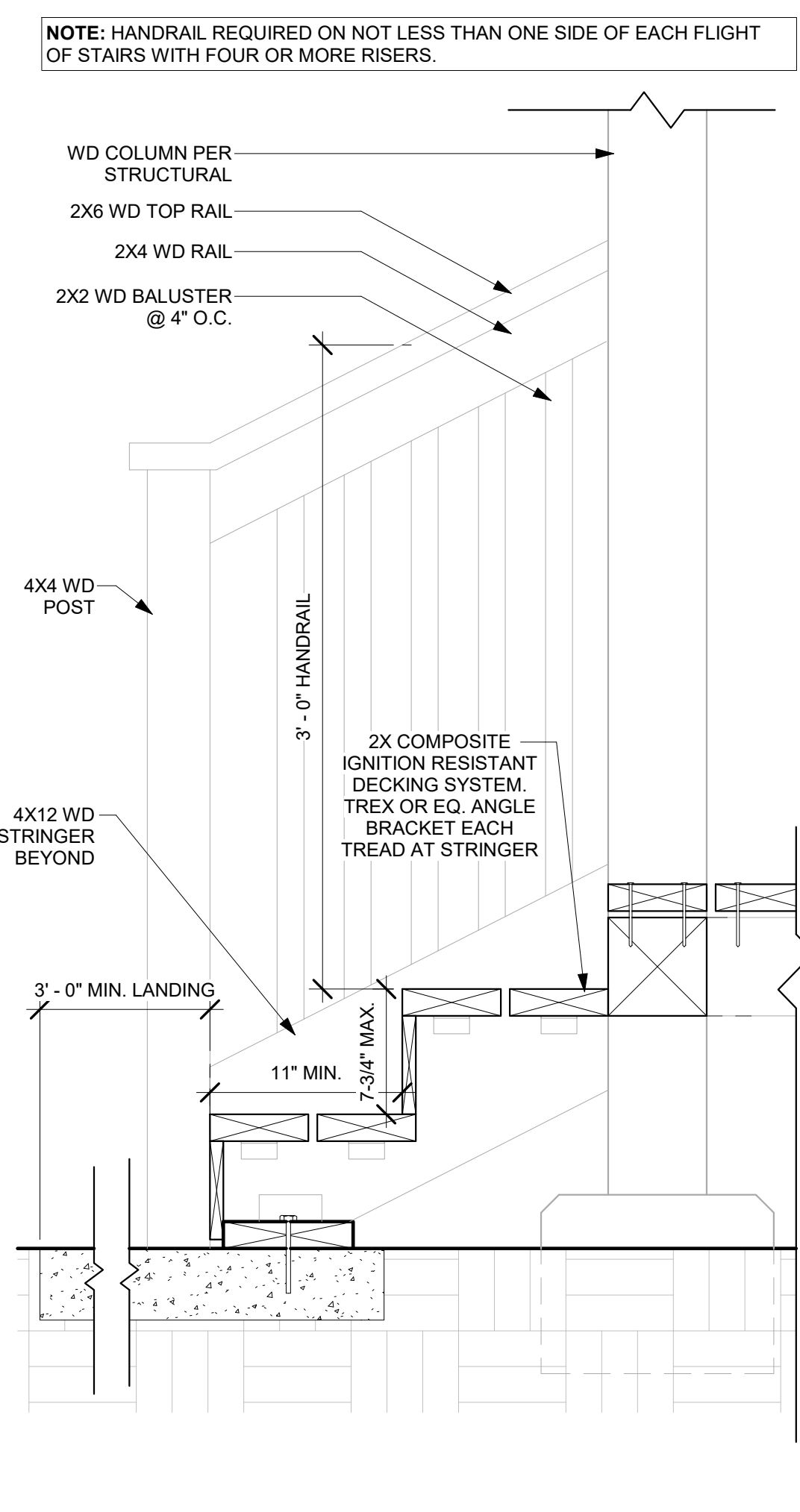
42 WATER HEATER MOUNTING
A1-111AD-902 1/2" = 1'-0"



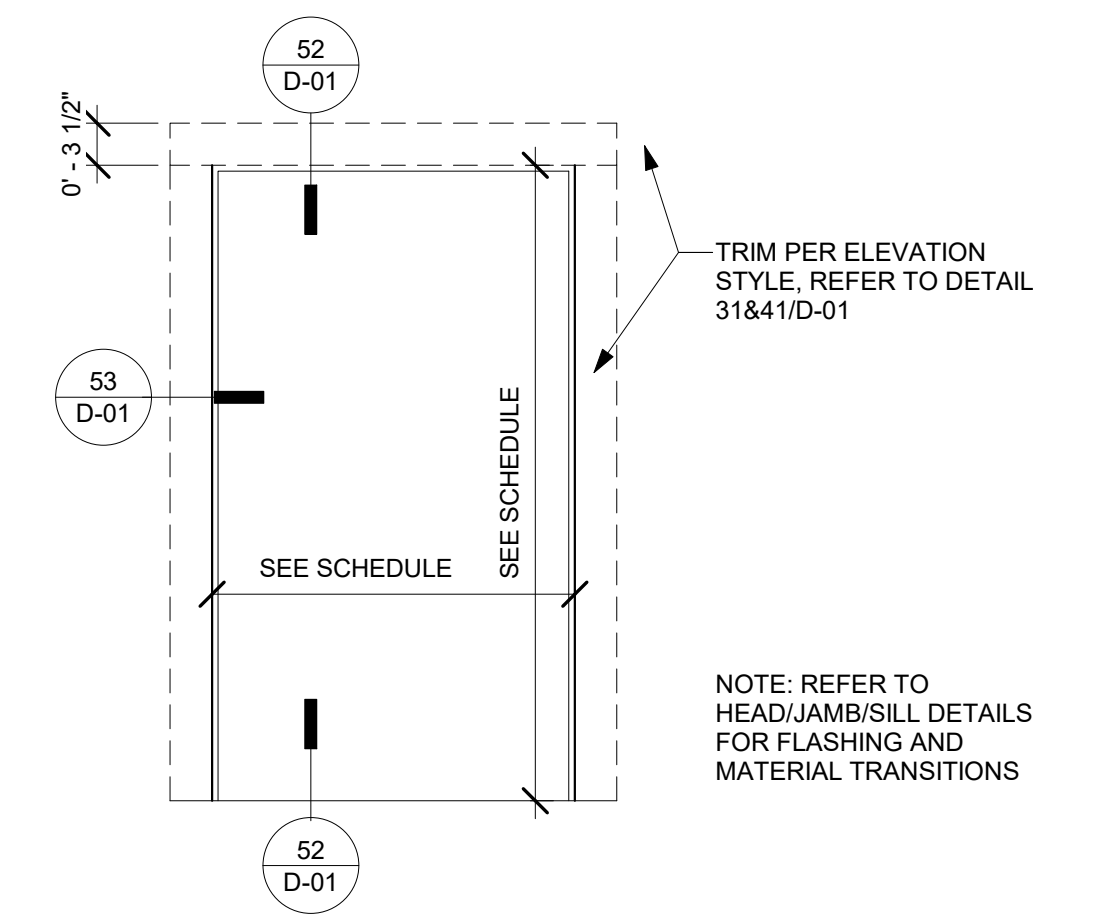
32 SHOWER - SECTION
AD-902 1 1/2" = 1'-0"



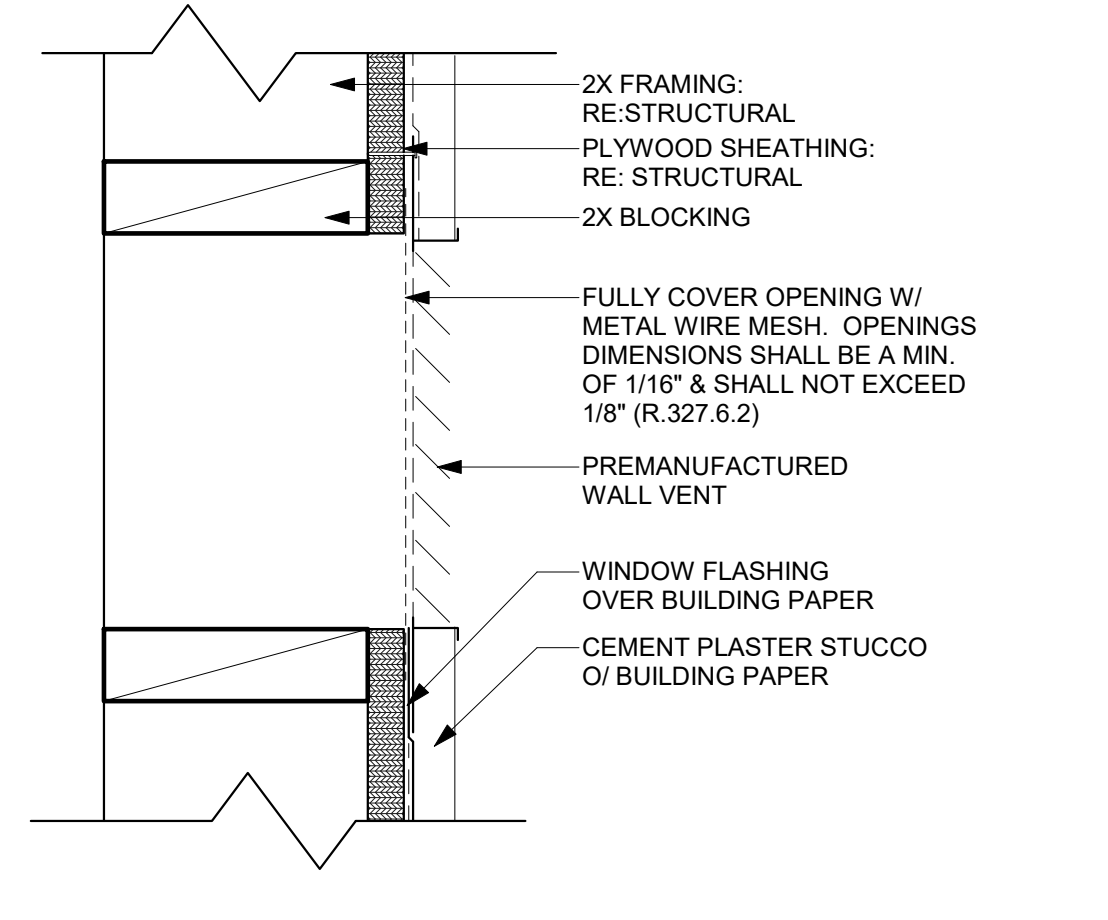
12 DOOR-SLIDING GLASS
AD-902 3" = 1'-0"



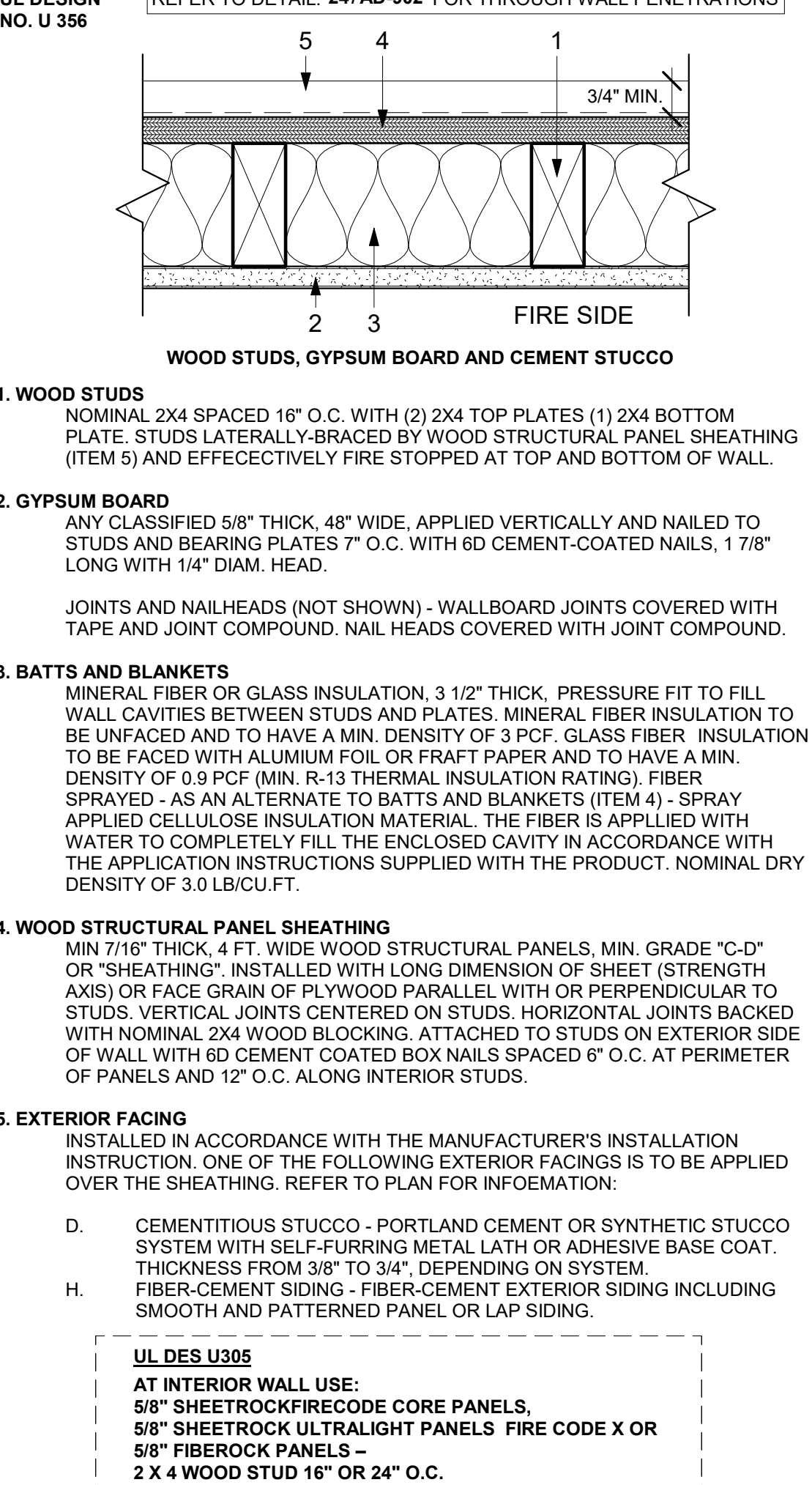
54 PORCH STAIRS
AD-902 1 1/2" = 1'-0"



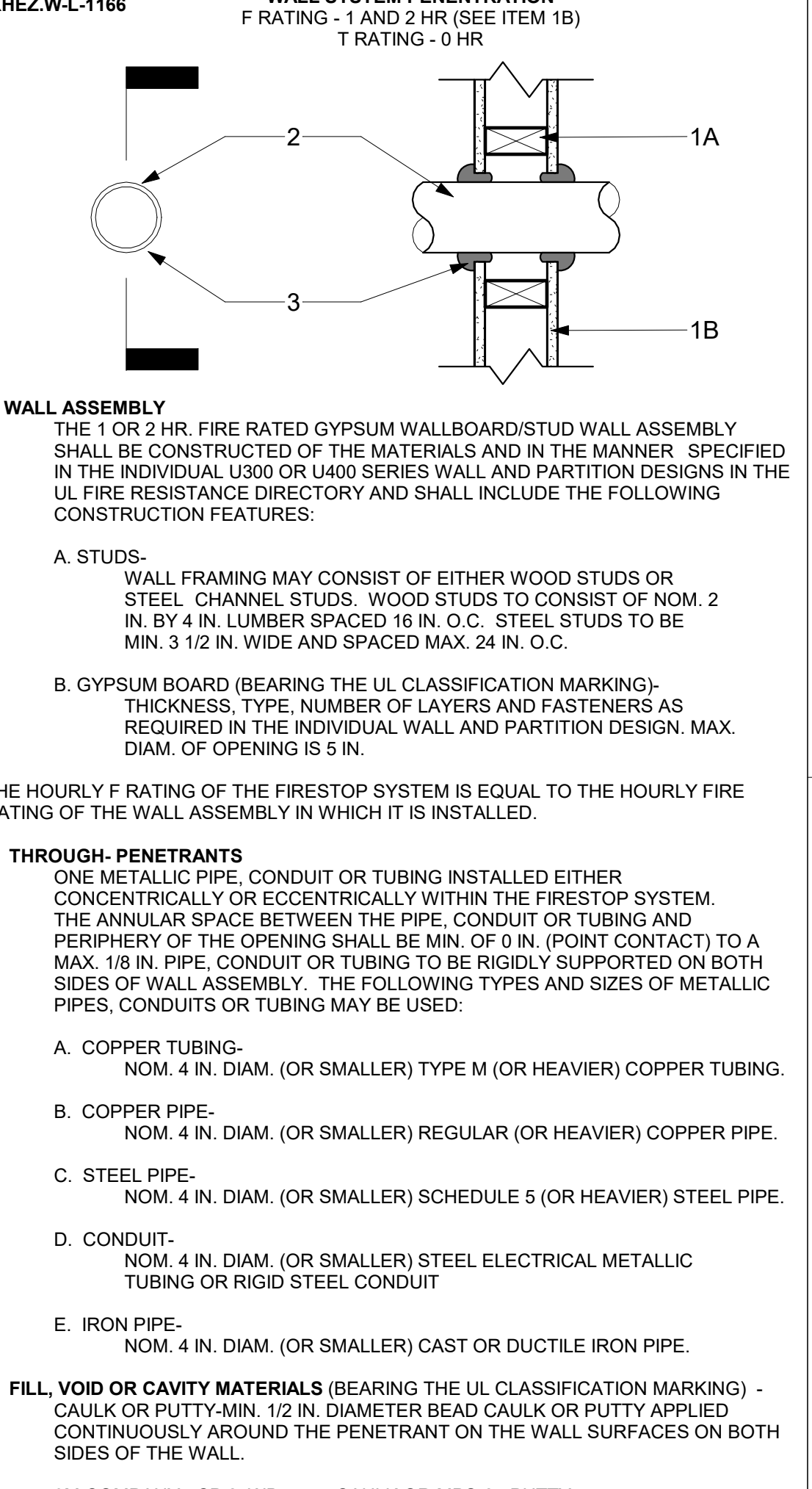
10 DOOR TRIM - SLIDING GLASS
A2-201AD-902 3/4" = 1'-0"



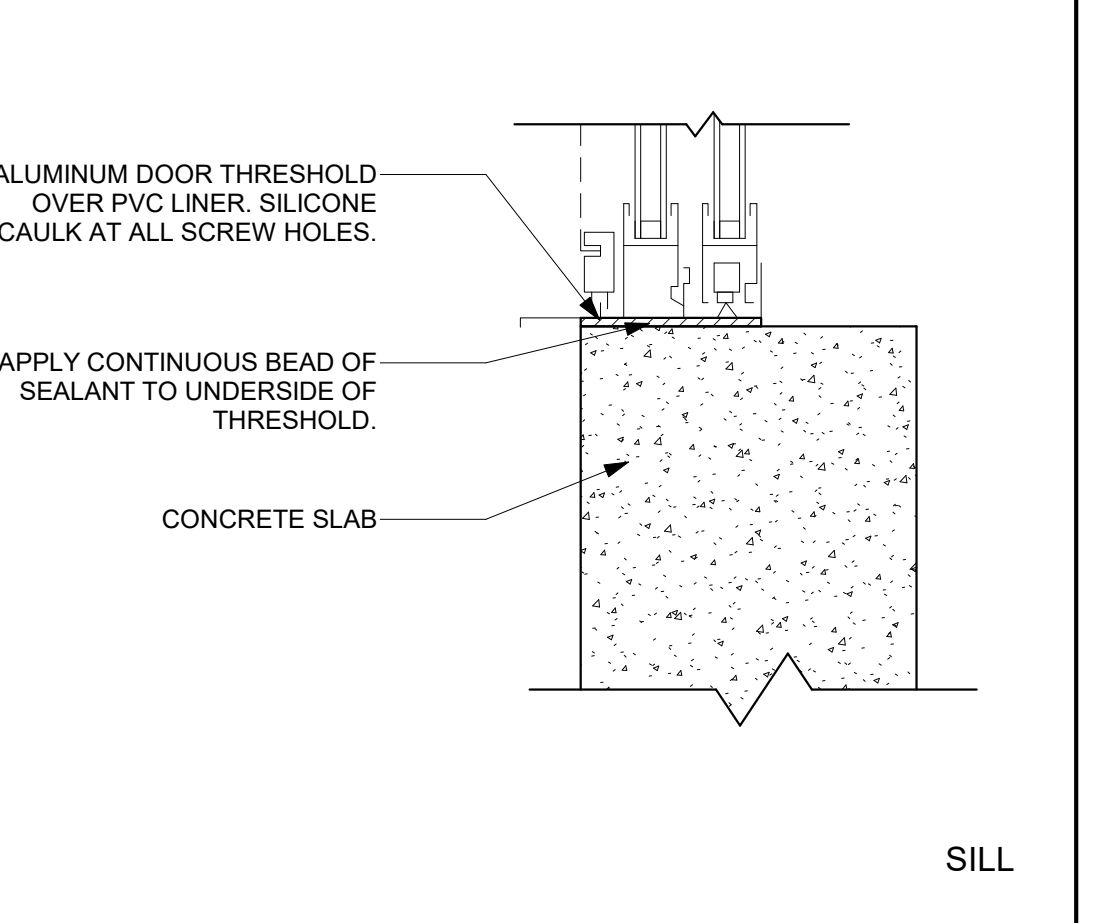
44 WALL VENT
A1-201AD-902 3" = 1'-0"



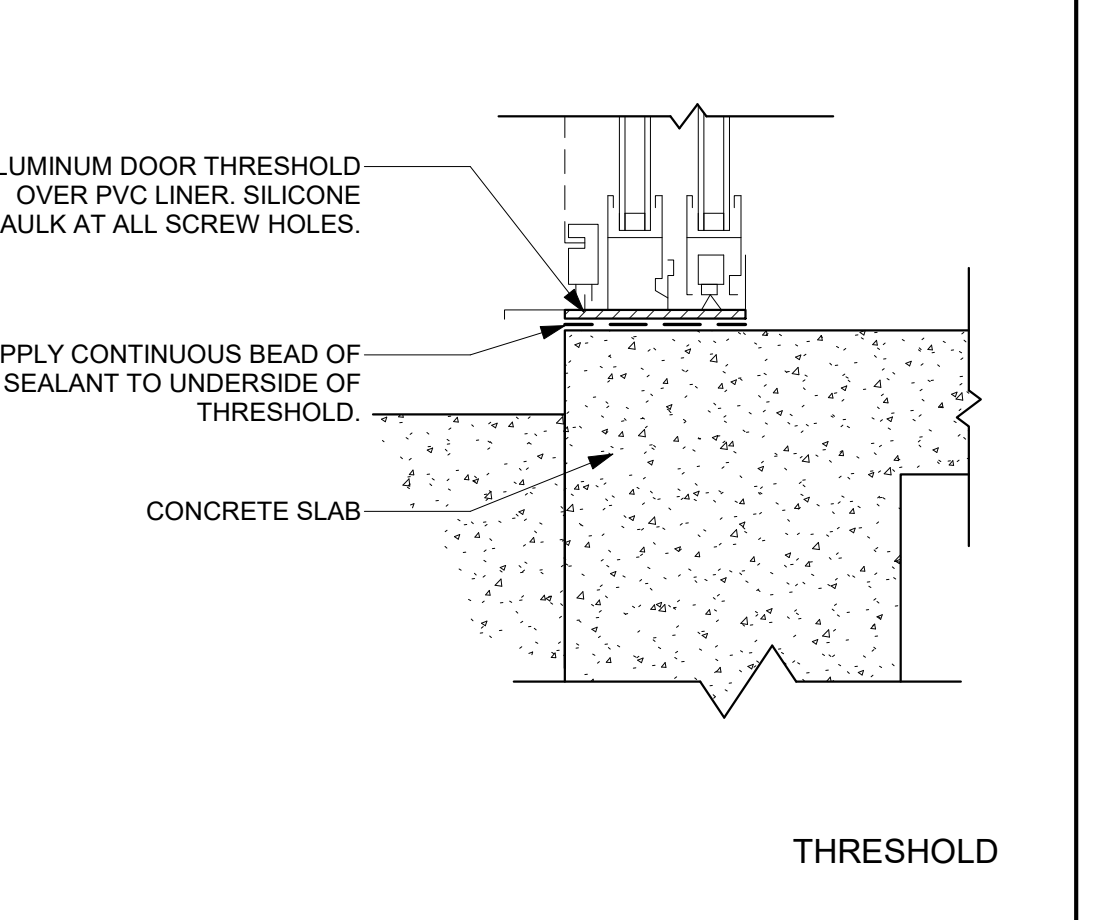
34 1-HR EXT. RATED WALL ASSEMBLY
AD-902 1" = 1'-0"



24 THROUGH PENETRATION @ WALL 1
AD-902 1 1/2" = 1'-0"



13 DOOR-SLIDING GLASS
AD-902 3" = 1'-0"



14 DOOR-SLIDING GLASS - THRESHOLD
AD-902 3" = 1'-0"

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**MONO COUNTY ADU
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MONO COUNTY
ARCHITECTURAL DETAILS -
COMMON

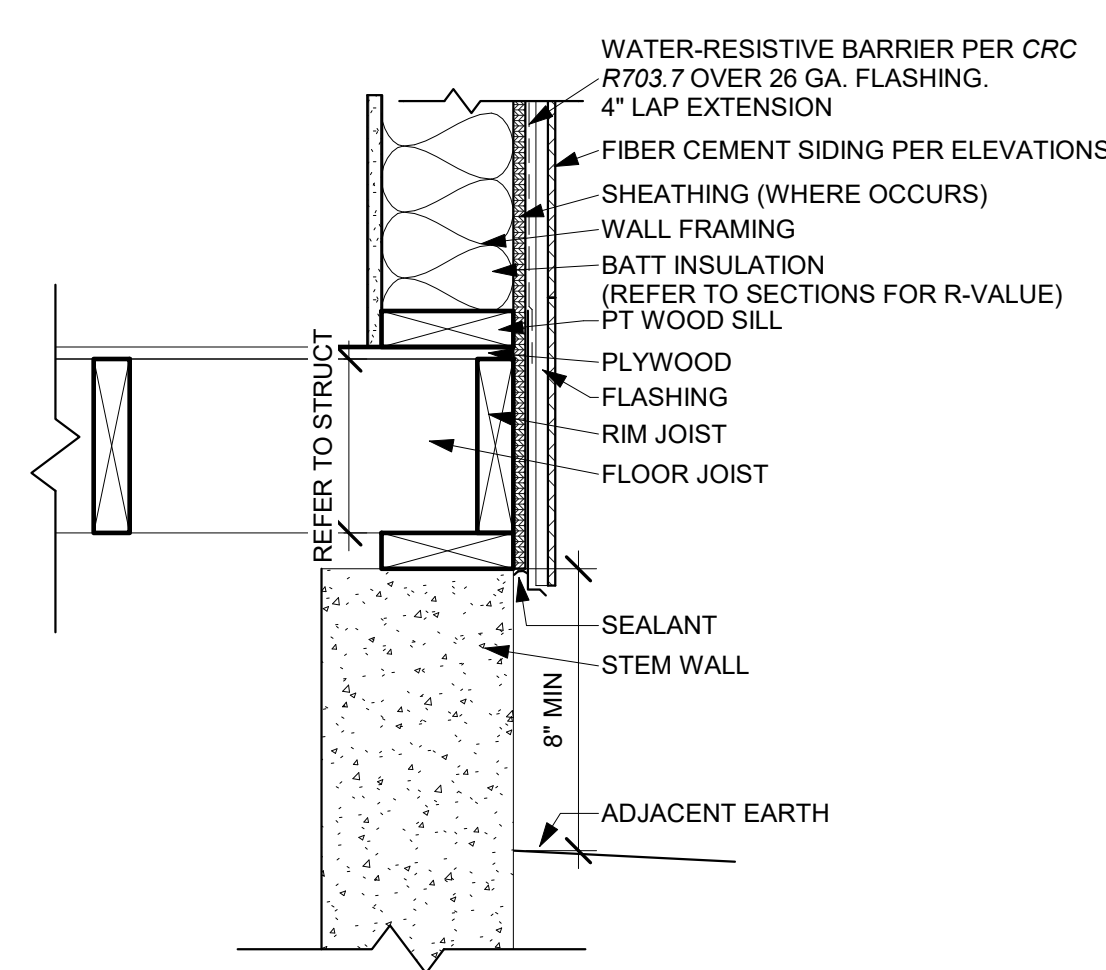
NO.	REVISION	DATE

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RR
DRAWN BY
CHECKED BY
DATE
6/30/2022
PROJECT NUMBER
2340-01-CU21
SHEET

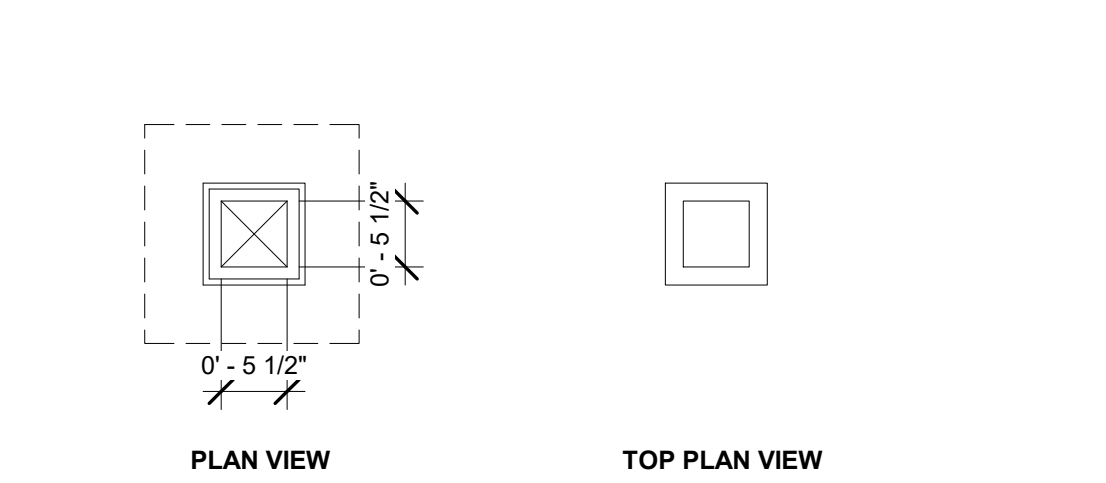
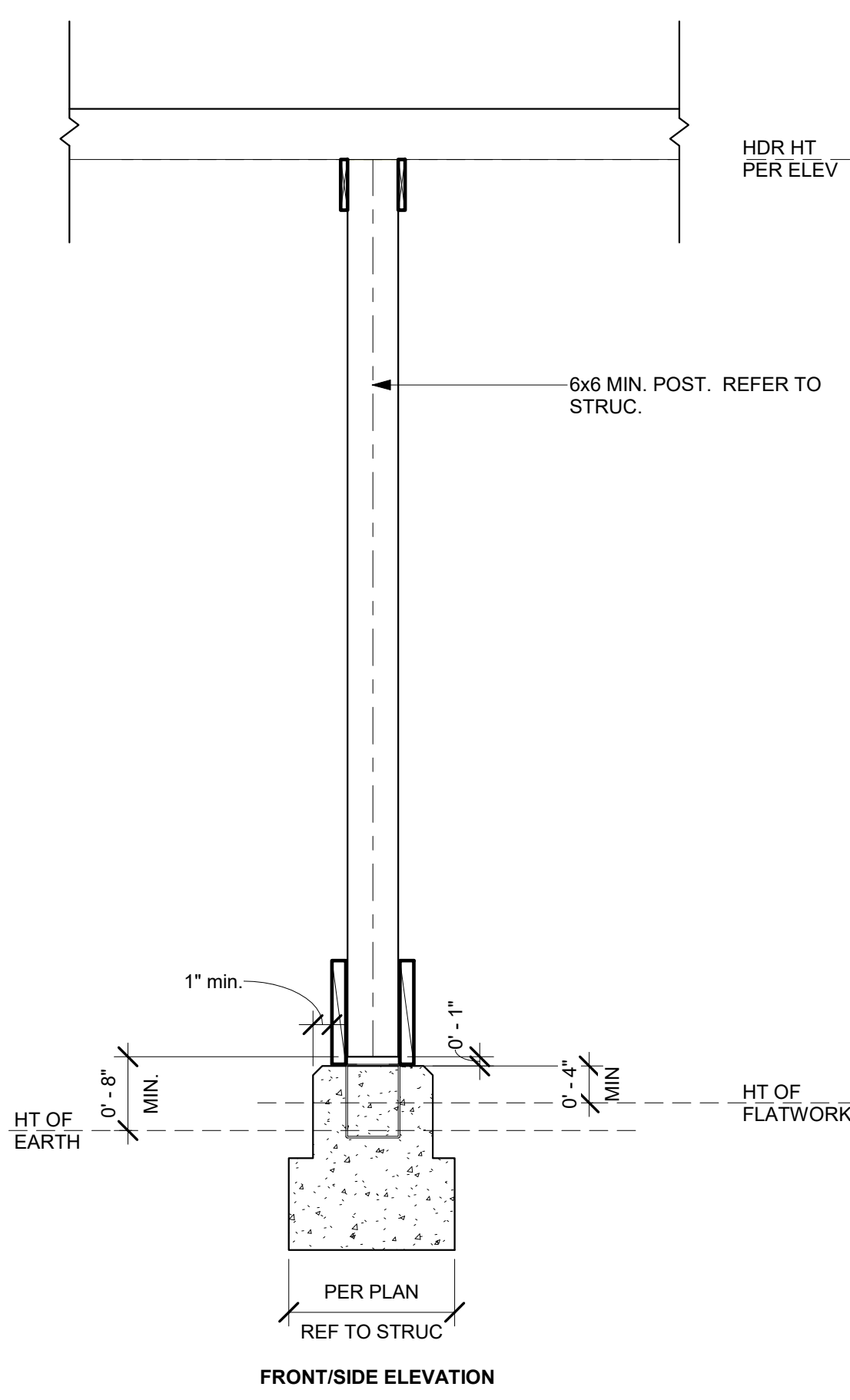
AD-902

CONSULTANT

AGENCY

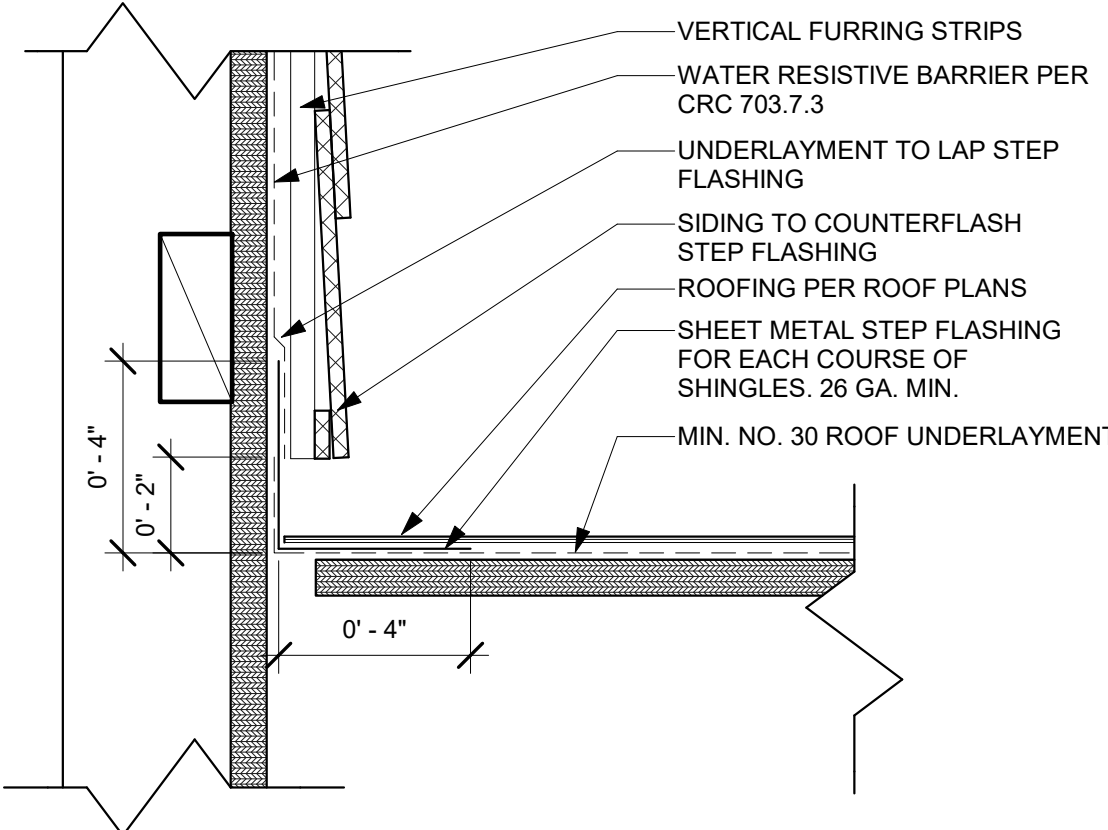


51 TYP. RAISED FOUNDATION
A1-301AD-903 1 1/2" = 1'-0"

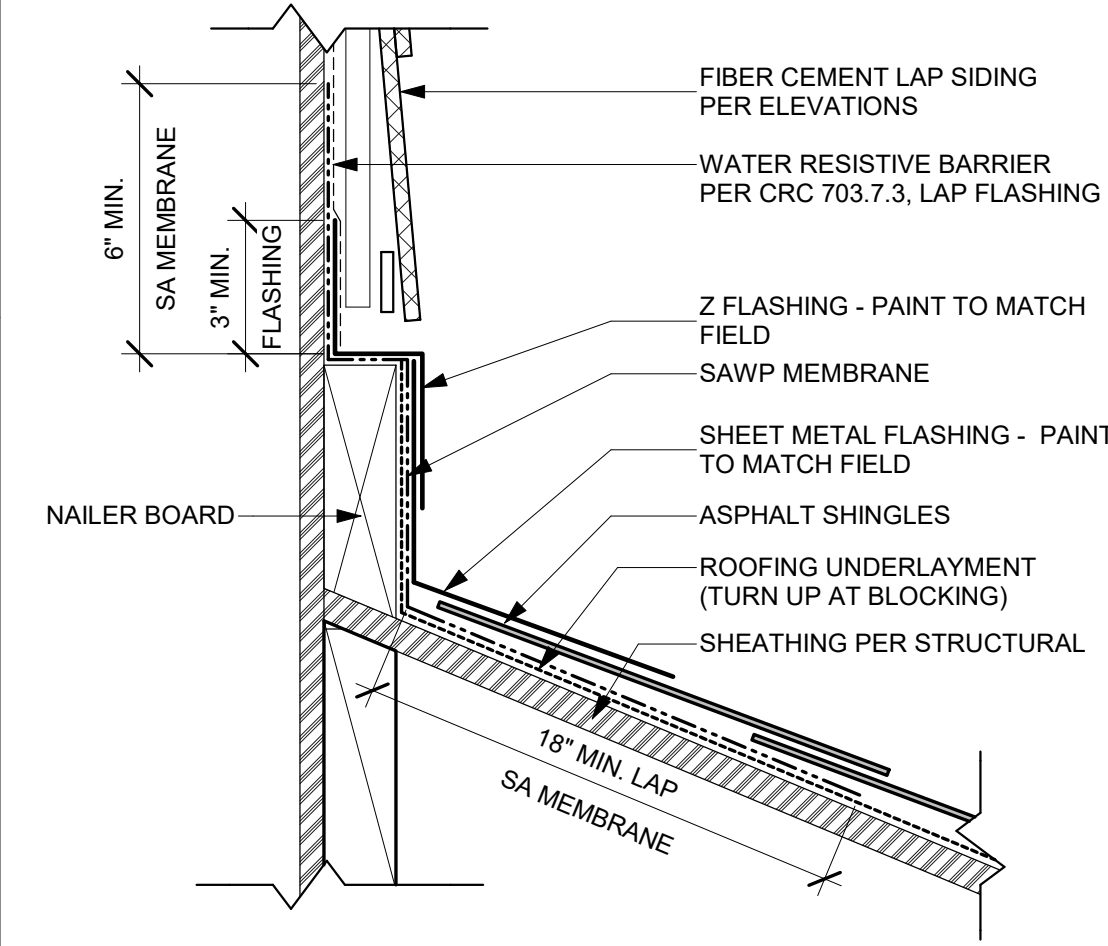


POSTS AND COLUMNS THAT ARE EITHER EXPOSED TO THE WEATHER OR LOCATED IN BASEMENTS OR CELLARS, SUPPORTED BY CONCRETE PIERS OR METAL PEDESTALS, SHALL BE PROJECTED AT LEAST 1 INCH ABOVE THE SLAB OR DECK AND 8 INCHES ABOVE EXPOSED EARTH AND SHALL BE SEPARATED BY AN IMPERVIOUS MOISTURE BARRIER (ALTERNATE, PROVIDE A PRESERVATIVE-TREATED WOOD POST OR COLUMN), 2304.12.2.2 & EXCEPTION 1 CBC

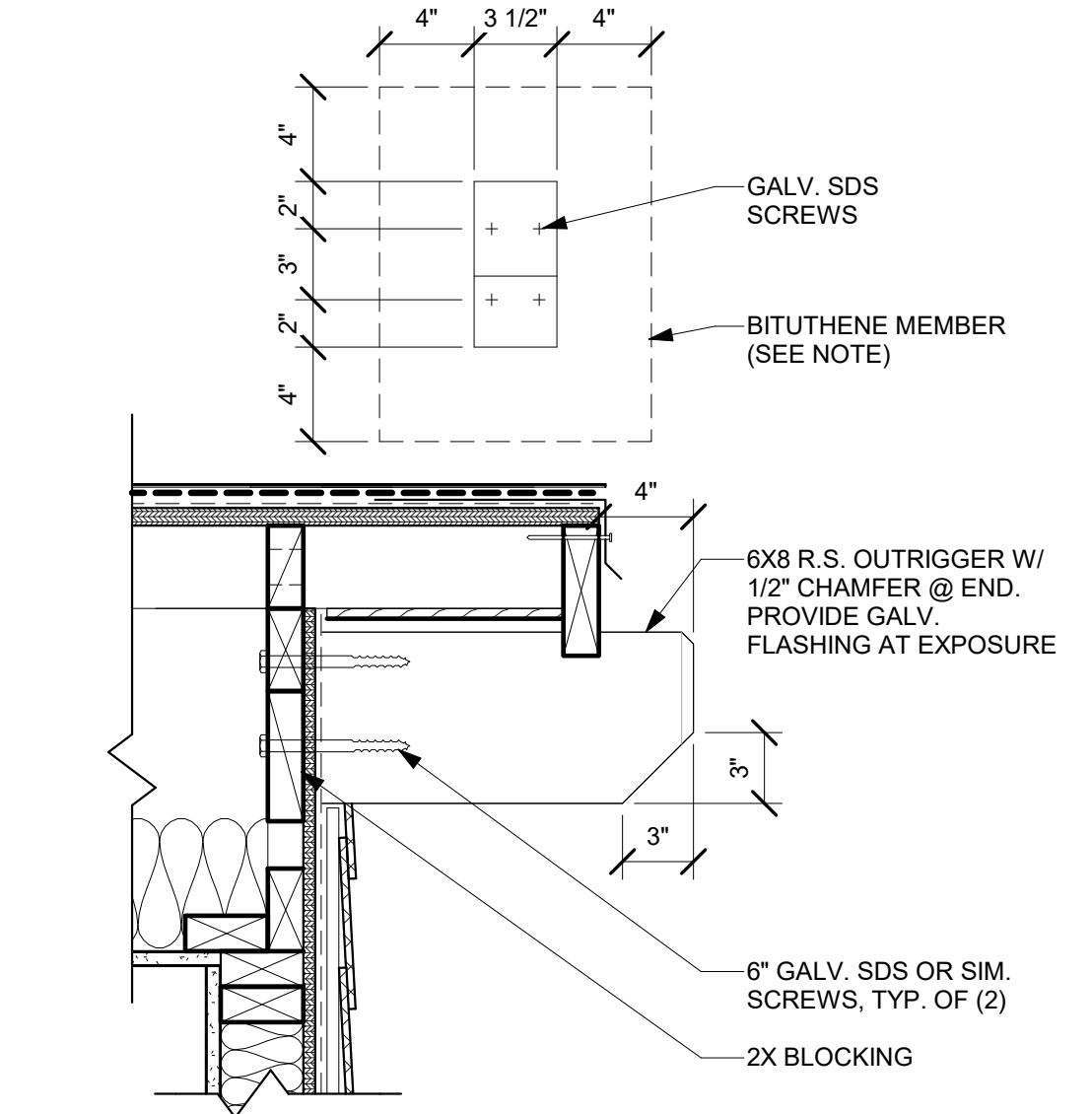
54 POST-RURAL MOUNTAIN
A3-201AD-903 3/4" = 1'-0"



41 SIDEWALL - SUBURBAN RANCH
AD-903 3" = 1'-0"

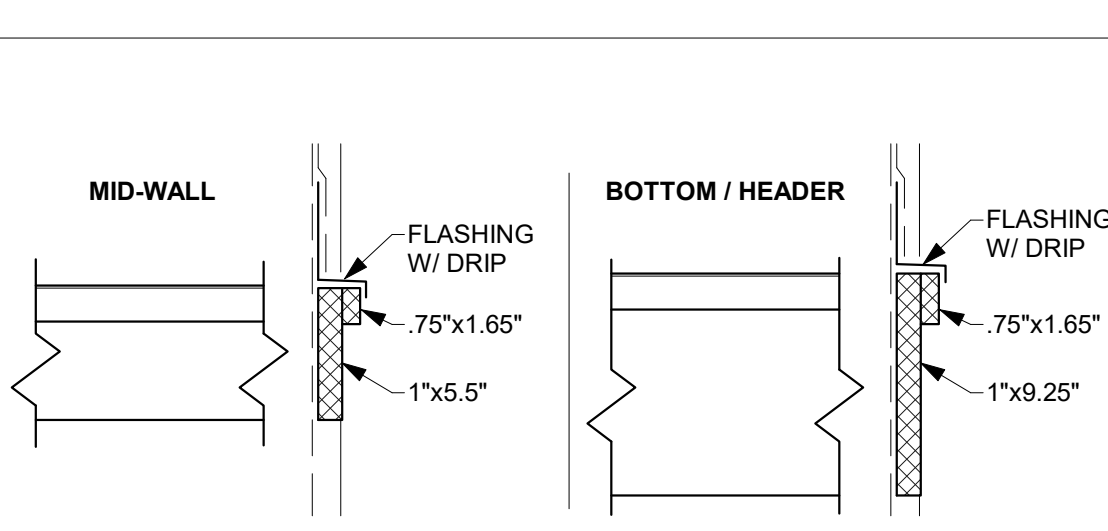


42 HEADWALL - CRAFTSMAN
AD-903 3" = 1'-0"

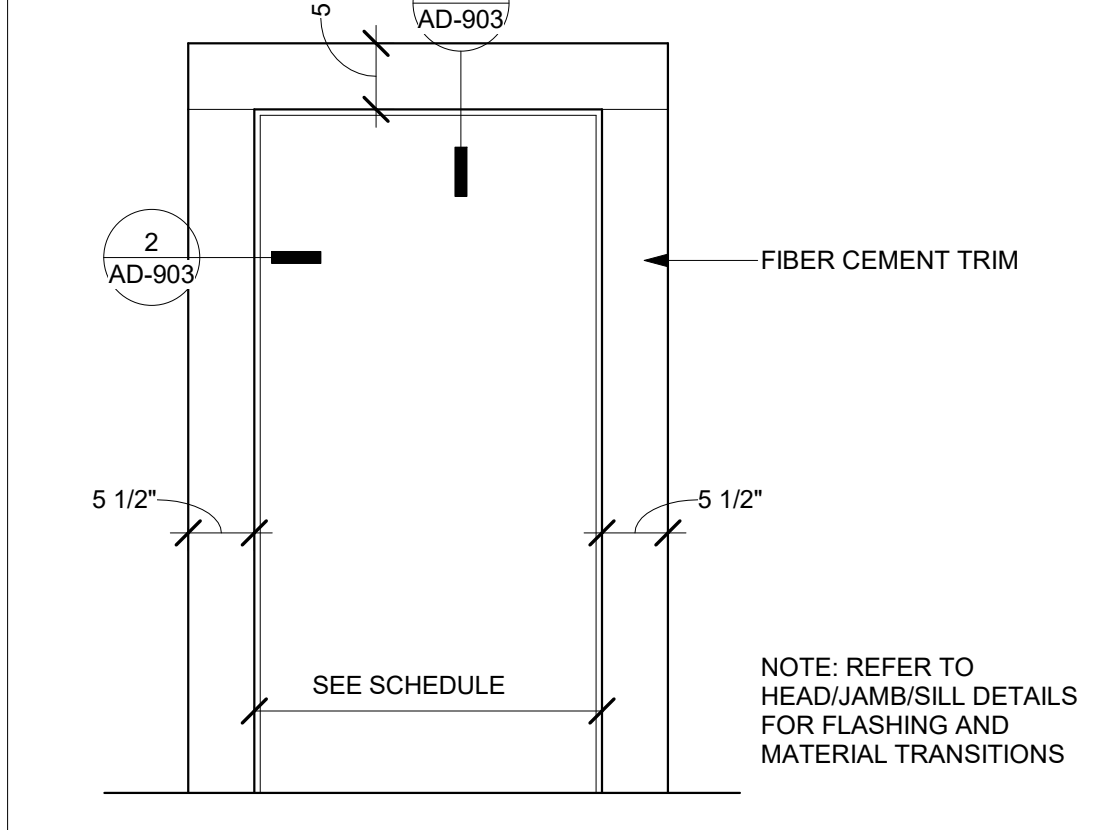


NOTES:
1. PRE-PRIME ALL SIDES OF BRACE PRIOR TO INSTALLATION.
2. A BITUTHENE MEMBRANE SHALL BE INSTALLED BEHIND OUTRIGGER W/ 4\"/>

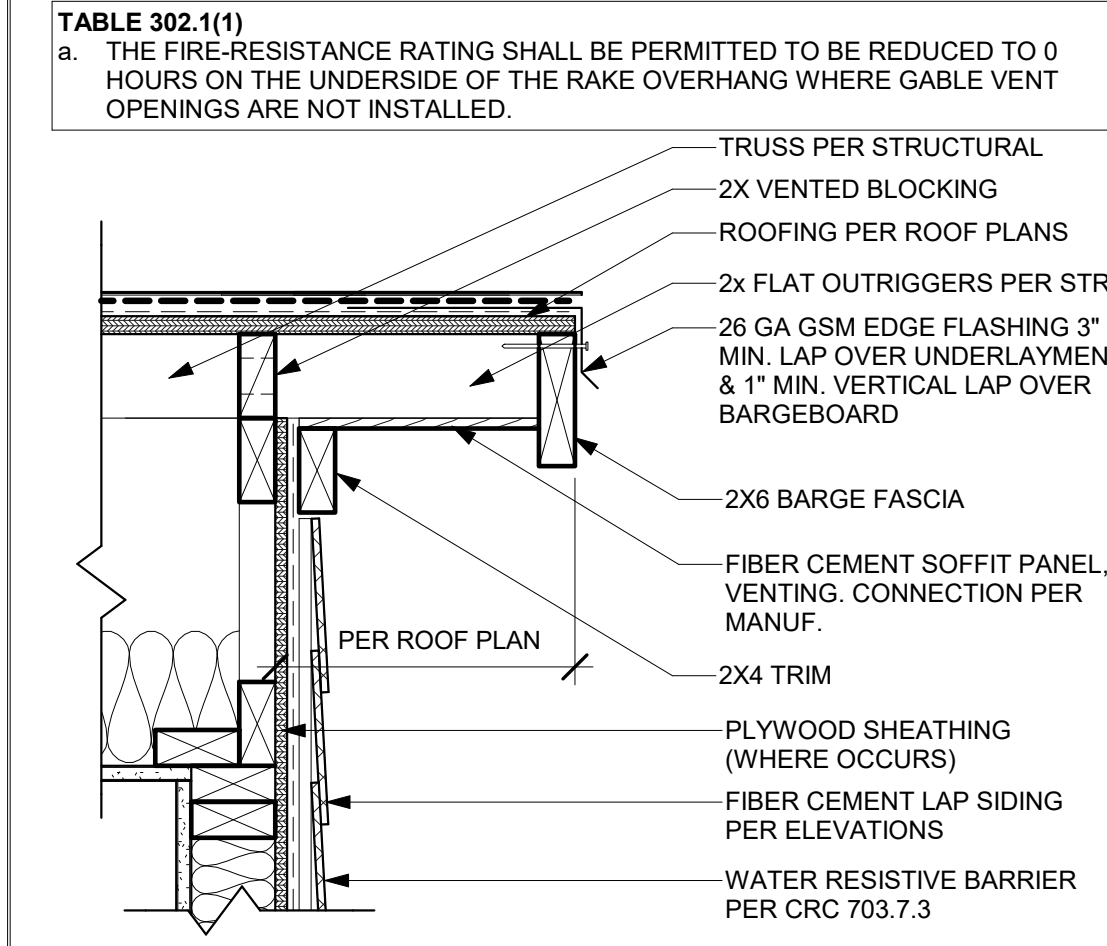
43 OUTRIGGER
A1-201AD-903 1 1/2" = 1'-0"



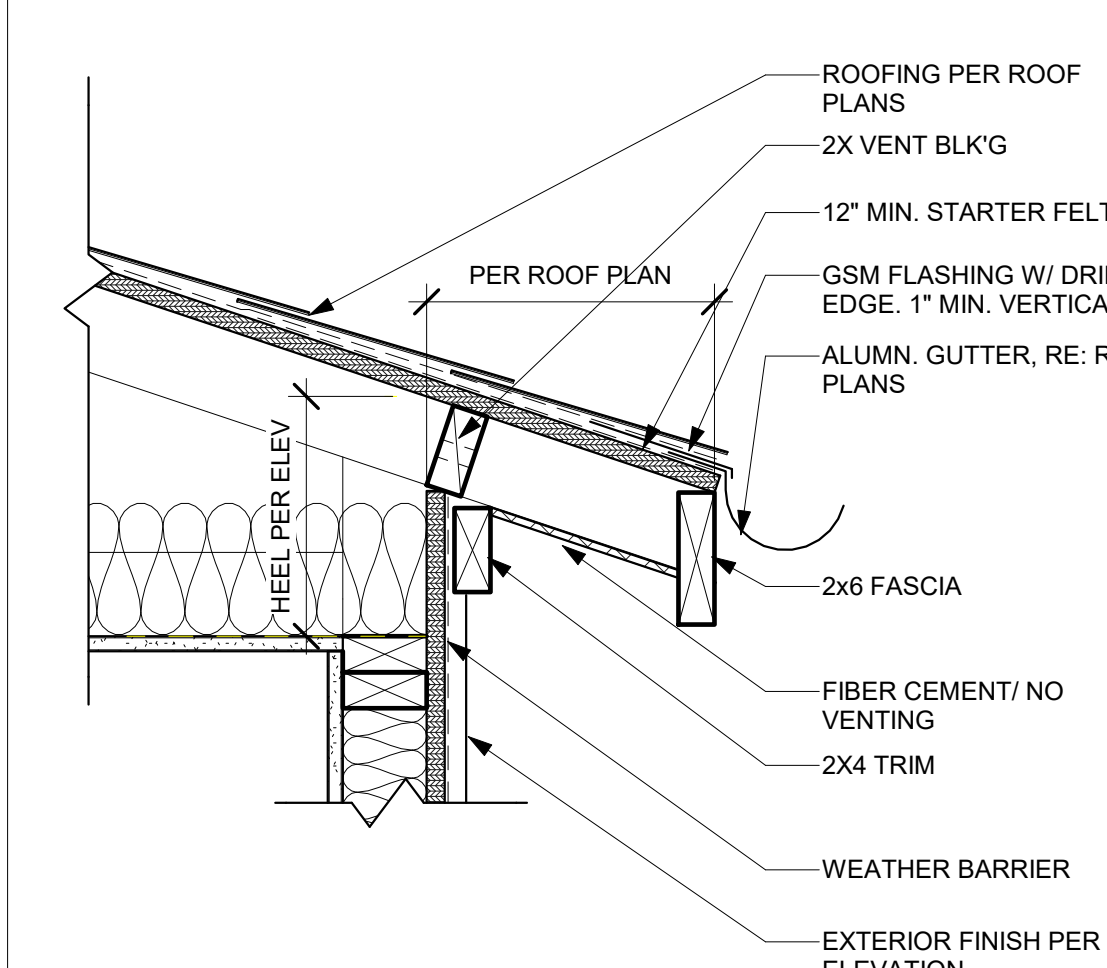
44 TRIM PROFILE - RURAL MOUNTAIN
A1-201AD-903 1 1/2" = 1'-0"



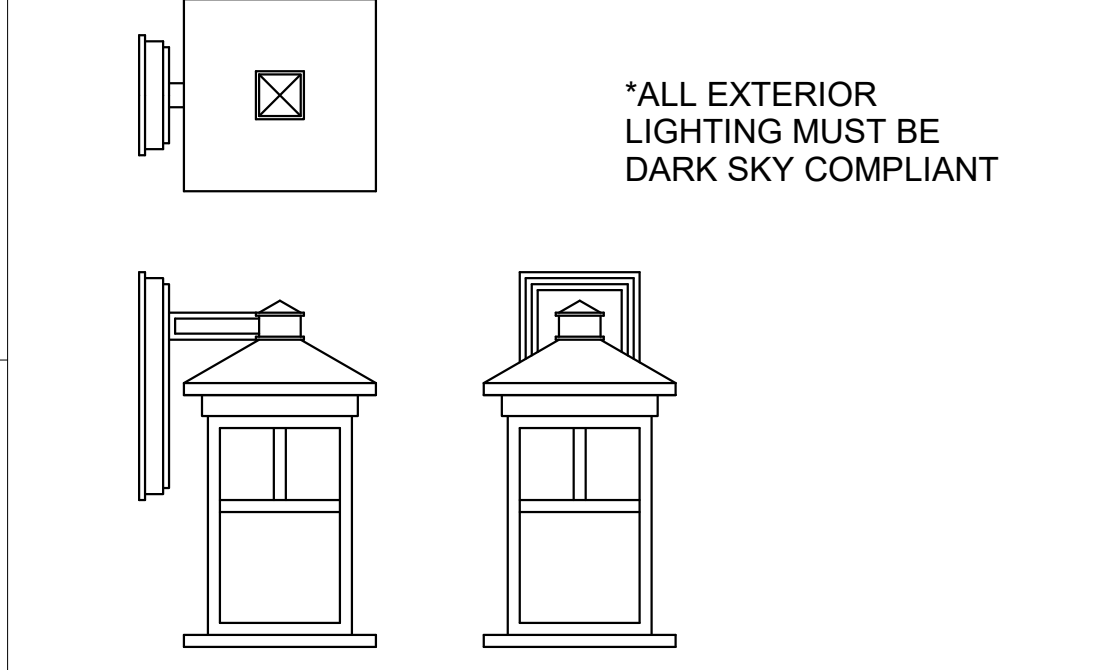
31 DOOR TRIM - RURAL MOUNTAIN
A1-201AD-903 3/4" = 1'-0"



32 RAKE - RURAL MOUNTAIN
AD-903 1 1/2" = 1'-0"



33 EAVE - RURAL MOUNTAIN
AD-903 1 1/2" = 1'-0"

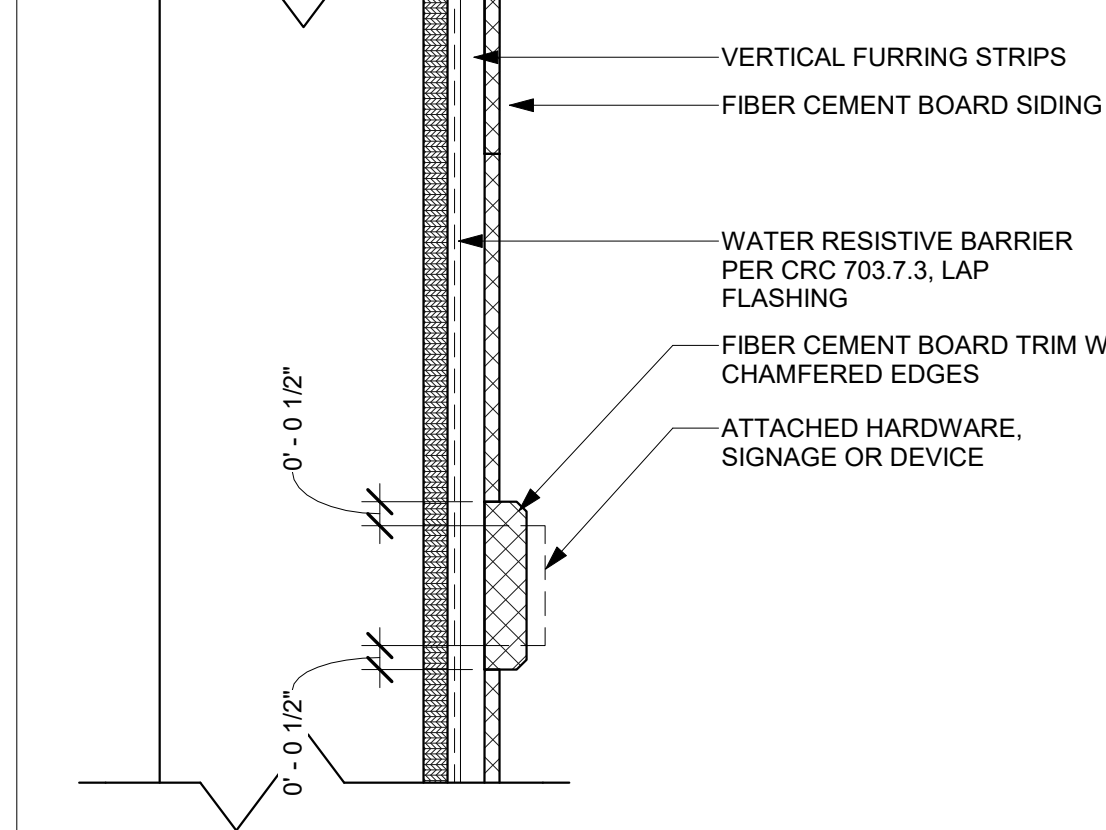


*ALL EXTERIOR LIGHTING MUST BE DARK SKY COMPLIANT

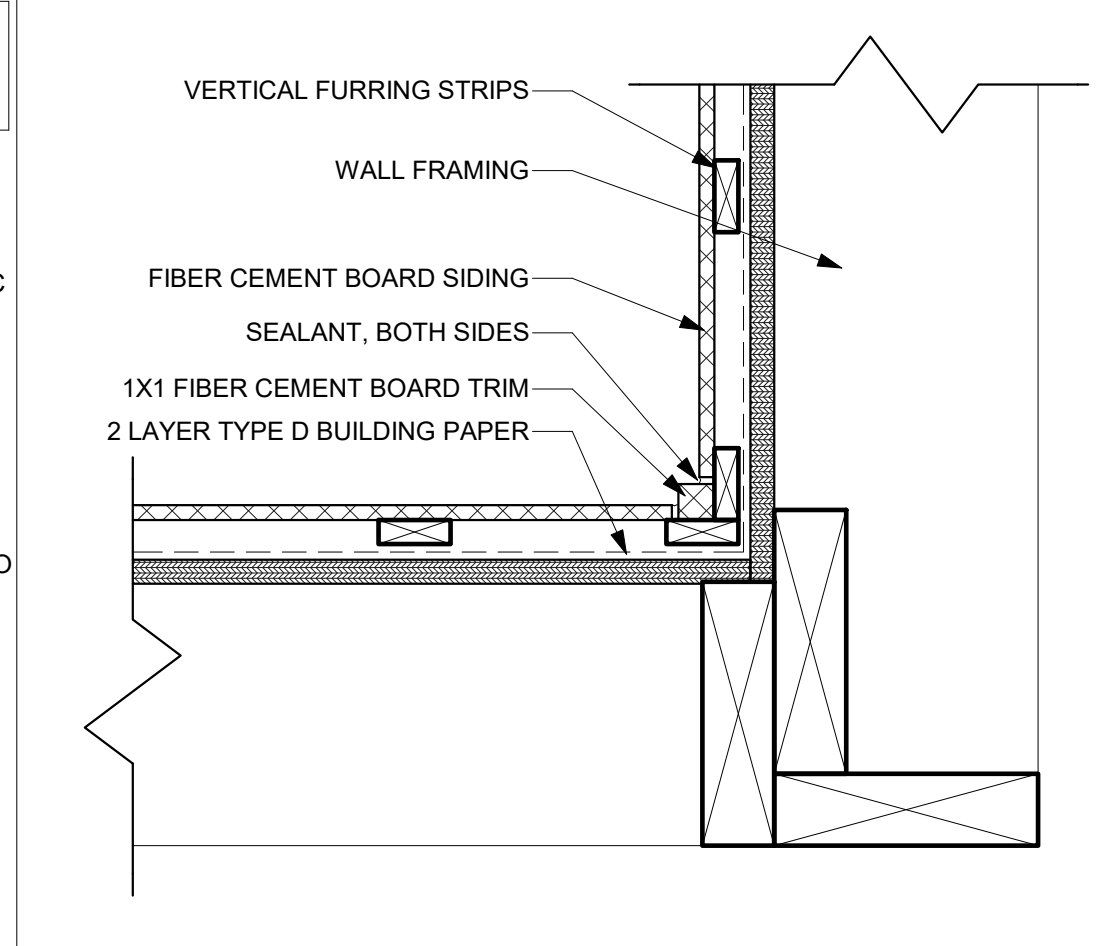
FORTE LIGHTING - BLACK FINISH WITH HONEY GLASS PANELS

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

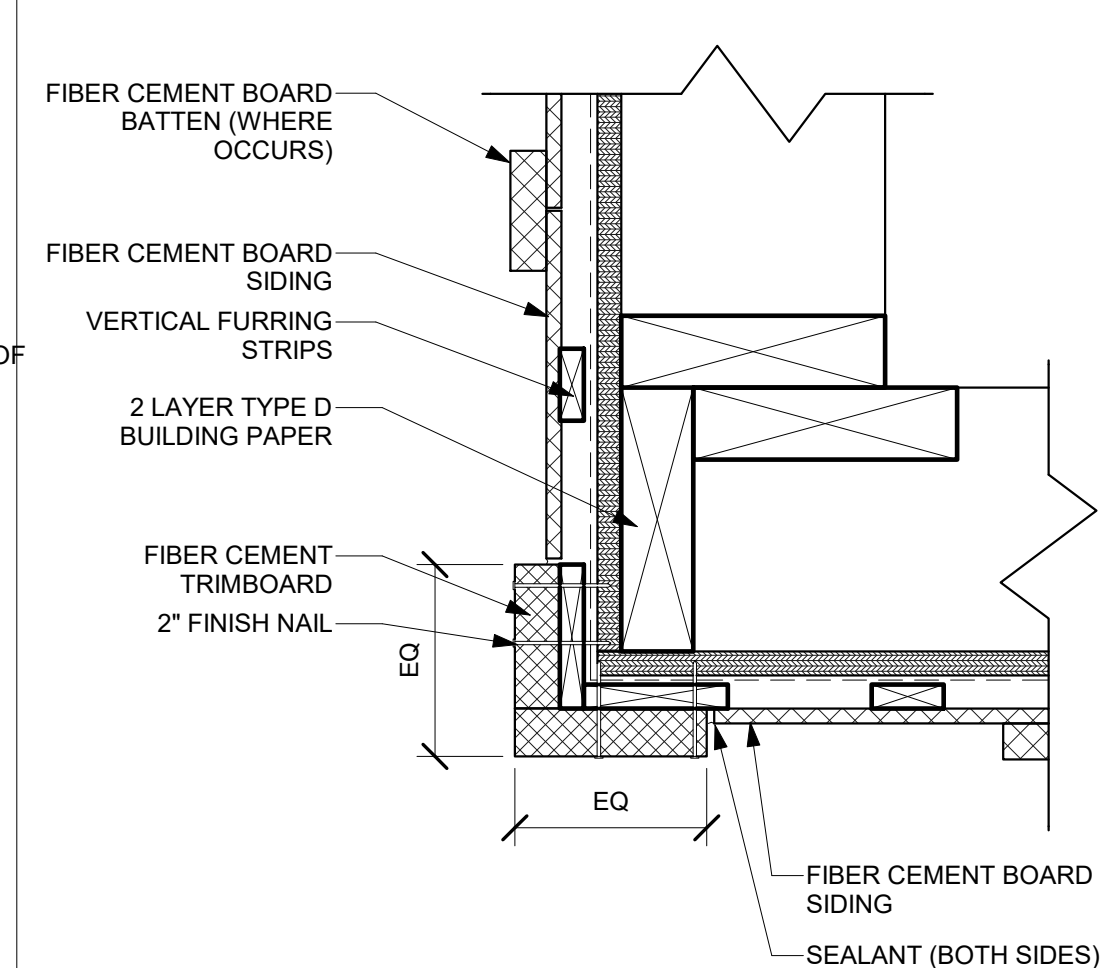
34 TYP. RURAL MNTN LIGHT FIXTURE
A1-201AD-903 1 1/2" = 1'-0"



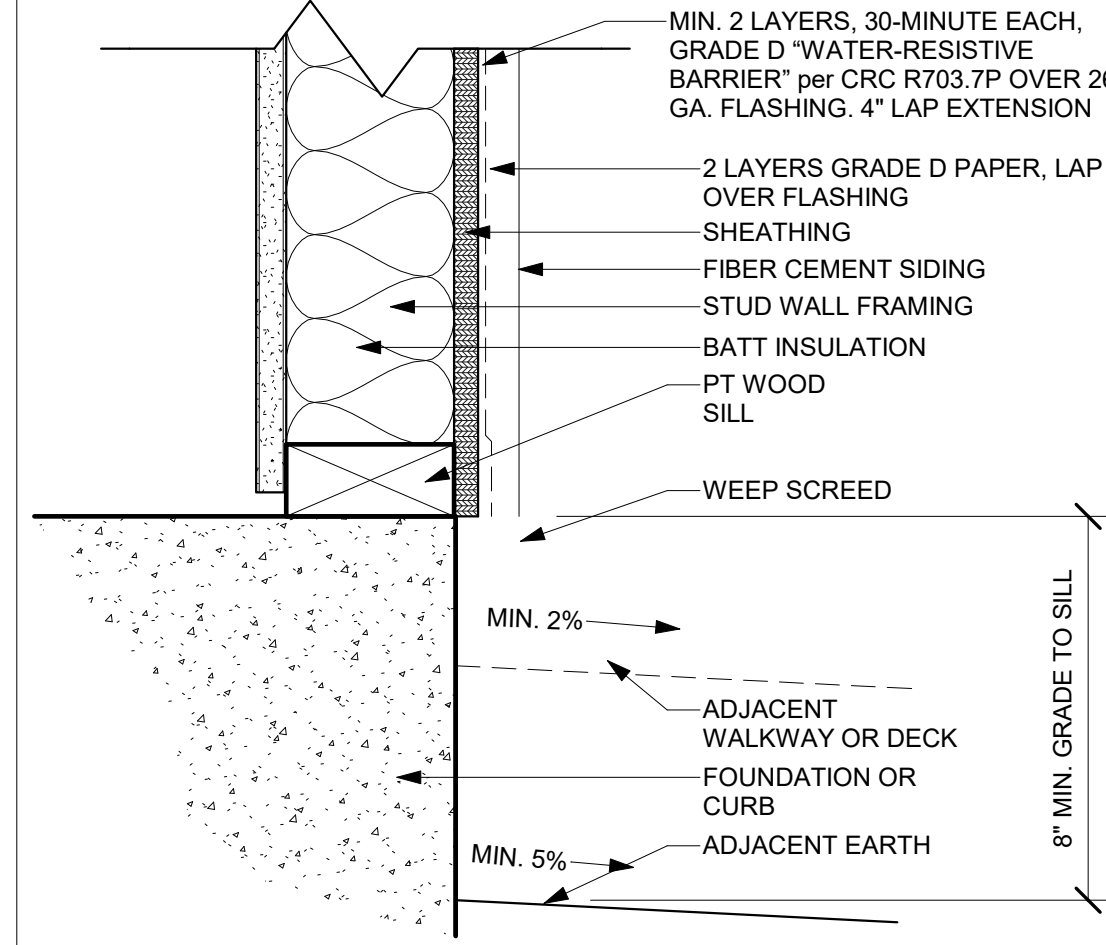
21 FIBER CEMENT MOUNTING PAD
AD-903 3" = 1'-0"



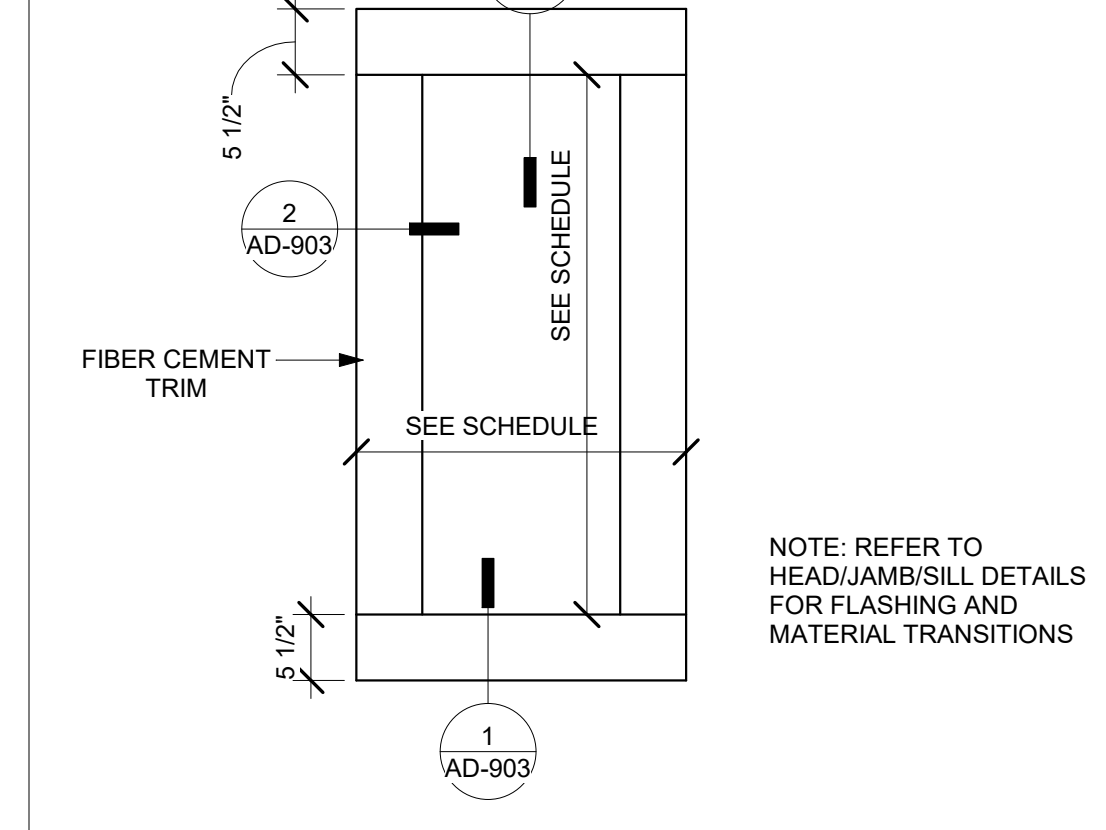
22 FIBER CEMENT-INSIDE CORNER TRIM
A1-201AD-903 3" = 1'-0"



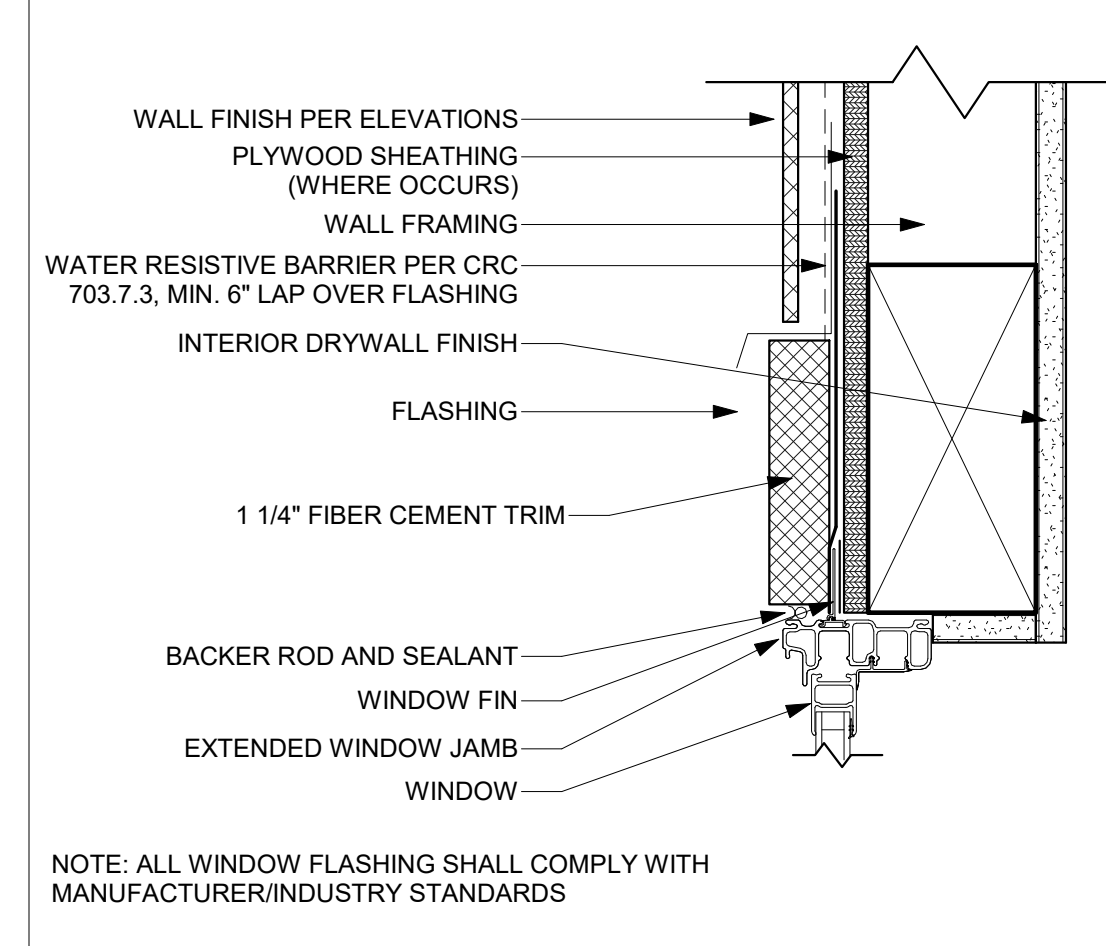
23 FIBER CEMENT-OUTSIDE CORNER
A1-201AD-903 3" = 1'-0"



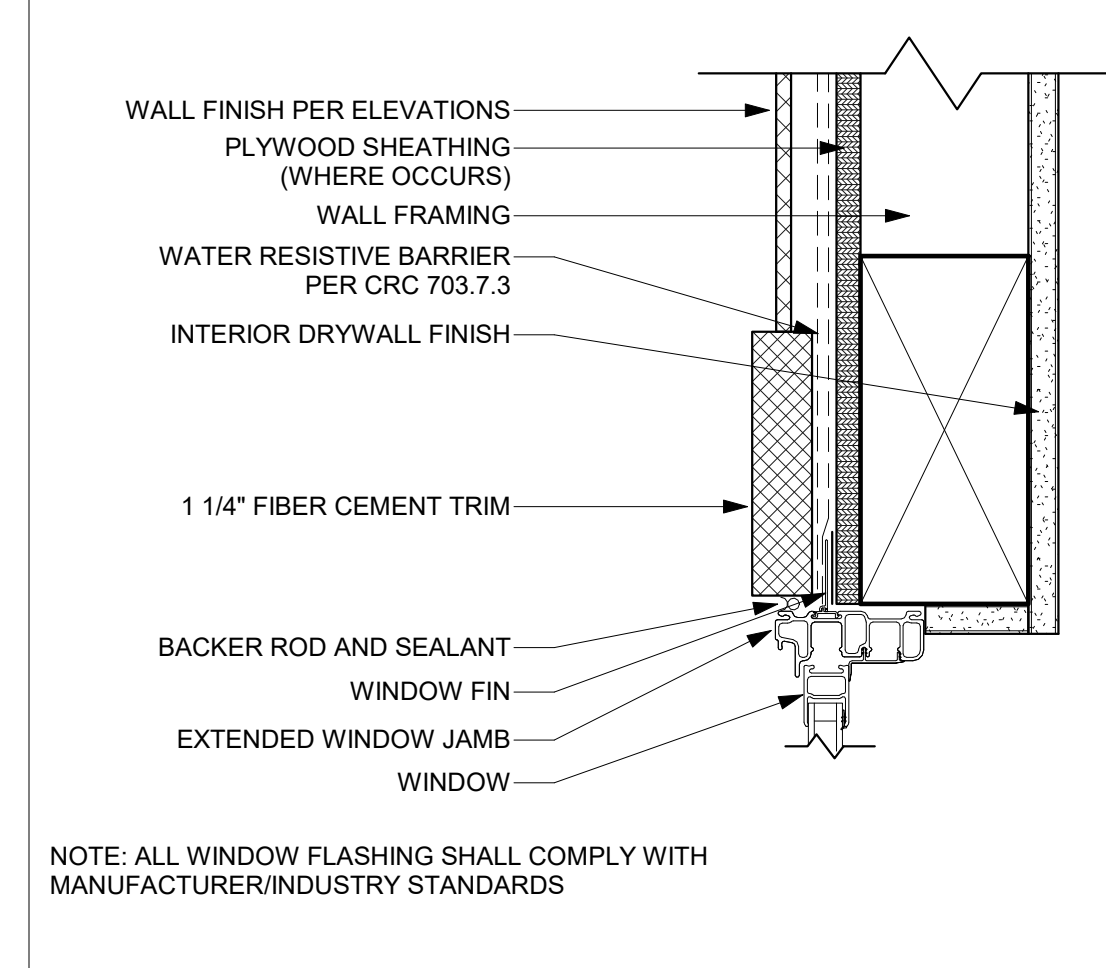
24 TYP. SIDING WEEP SCREED DETAIL
A1-201AD-903 3" = 1'-0"



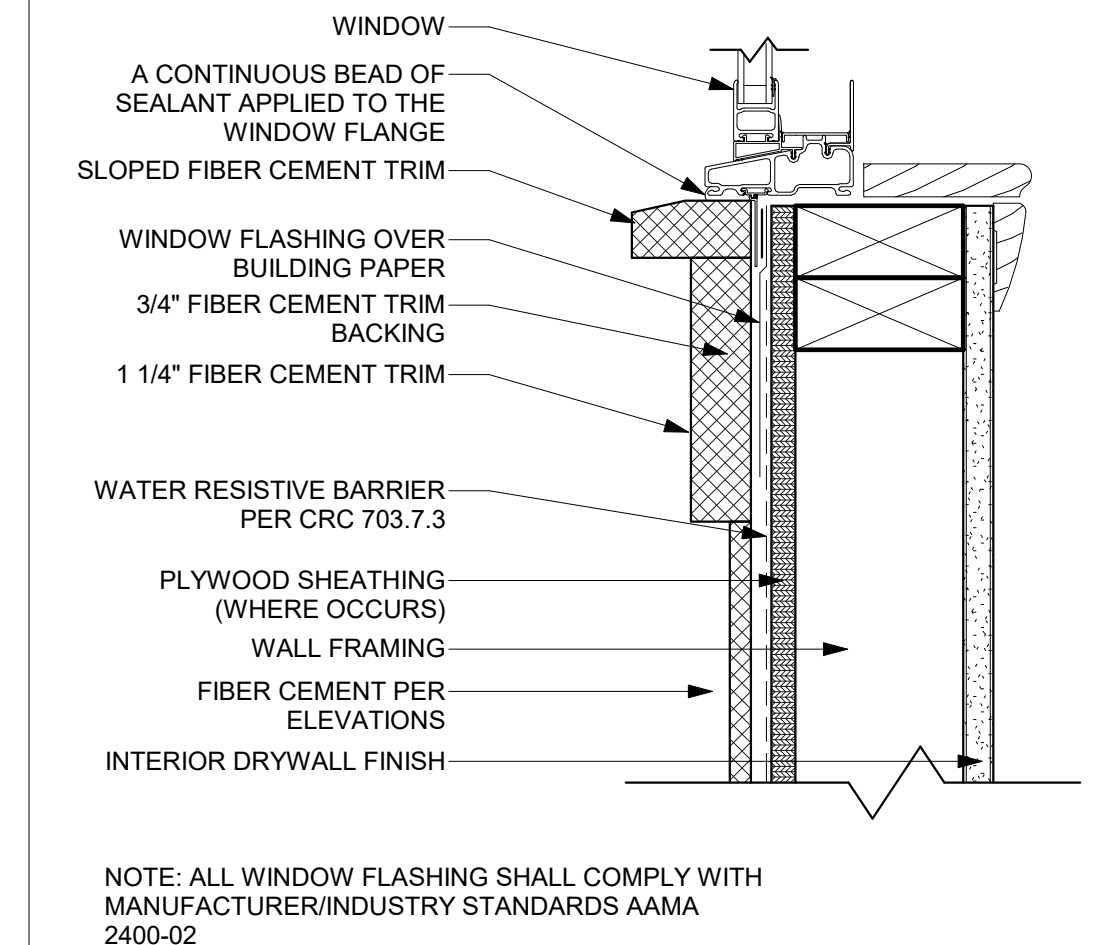
11 WINDOW TRIM - RURAL MOUNTAIN
A1-201AD-903 3/4" = 1'-0"



12 TYP. WINDOW HEAD-FIBER CEMENT
AD-903 3" = 1'-0"



13 TYP. WINDOW JAMB-FIBER CEMENT
AD-903 3" = 1'-0"



14 TYP. WINDOW SILL-FIBER CEMENT
AD-903 3" = 1'-0"

**MONO COUNTY ADU
PROTOTYPES
MONO COUNTY**

**ARCHITECTURAL DETAILS - RURAL
MOUNTAIN**

NO.	REVISION	DATE

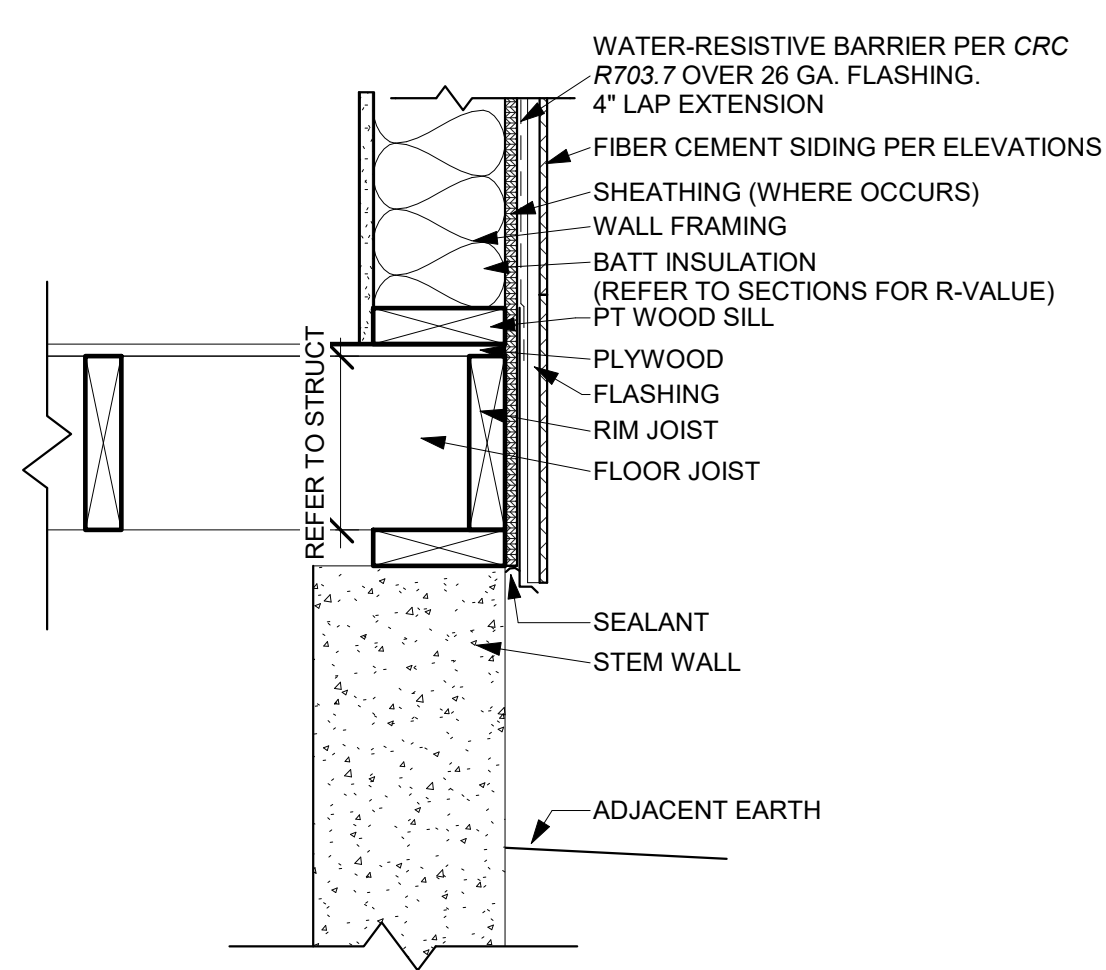
PROJECT MANAGER
RR

DRAWN BY **CHECKED BY**

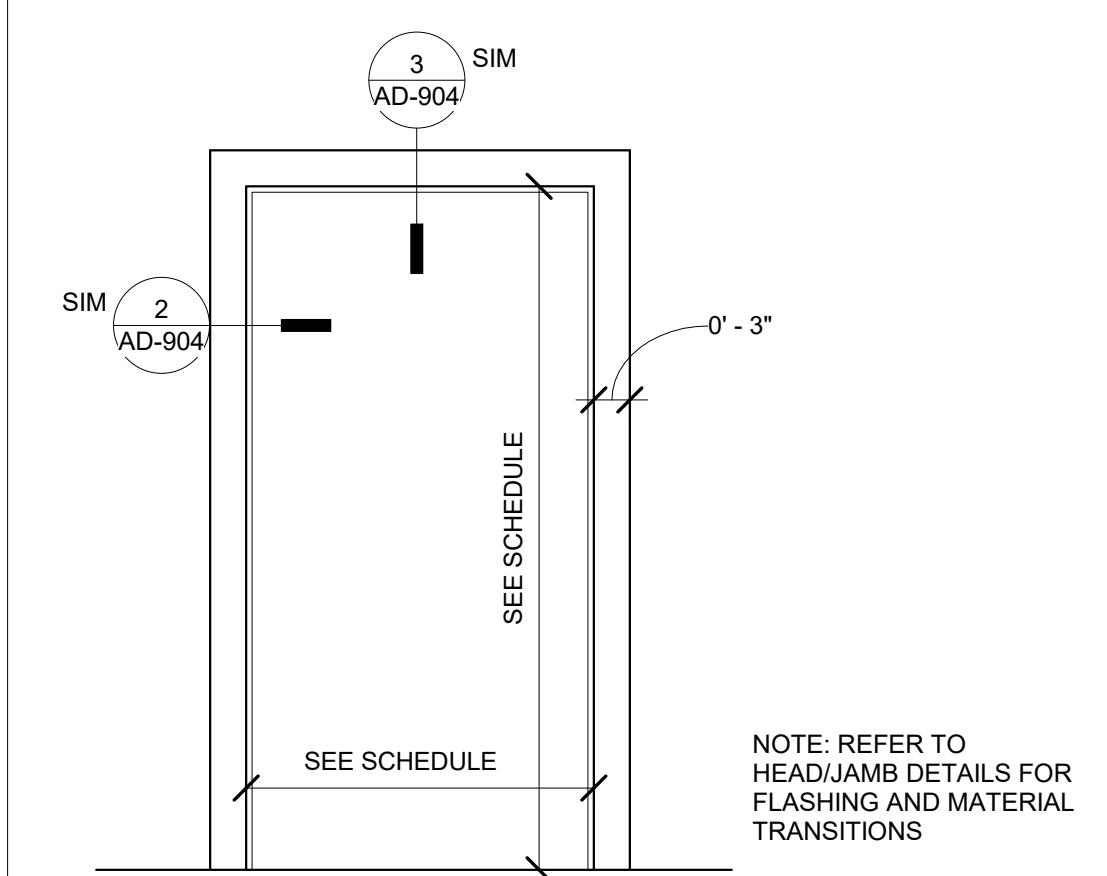
DATE
6/30/2022

PROJECT NUMBER
2340-01-CU21

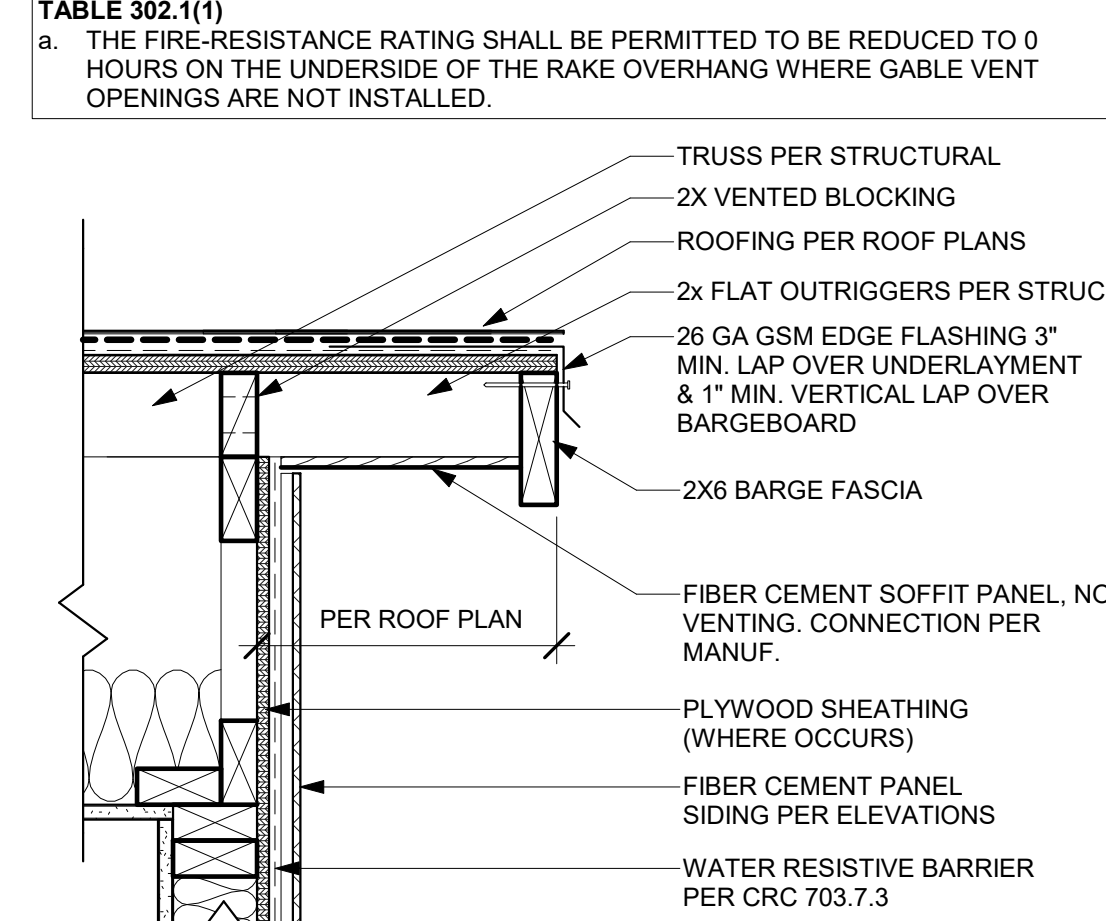
SHEET
AD-903



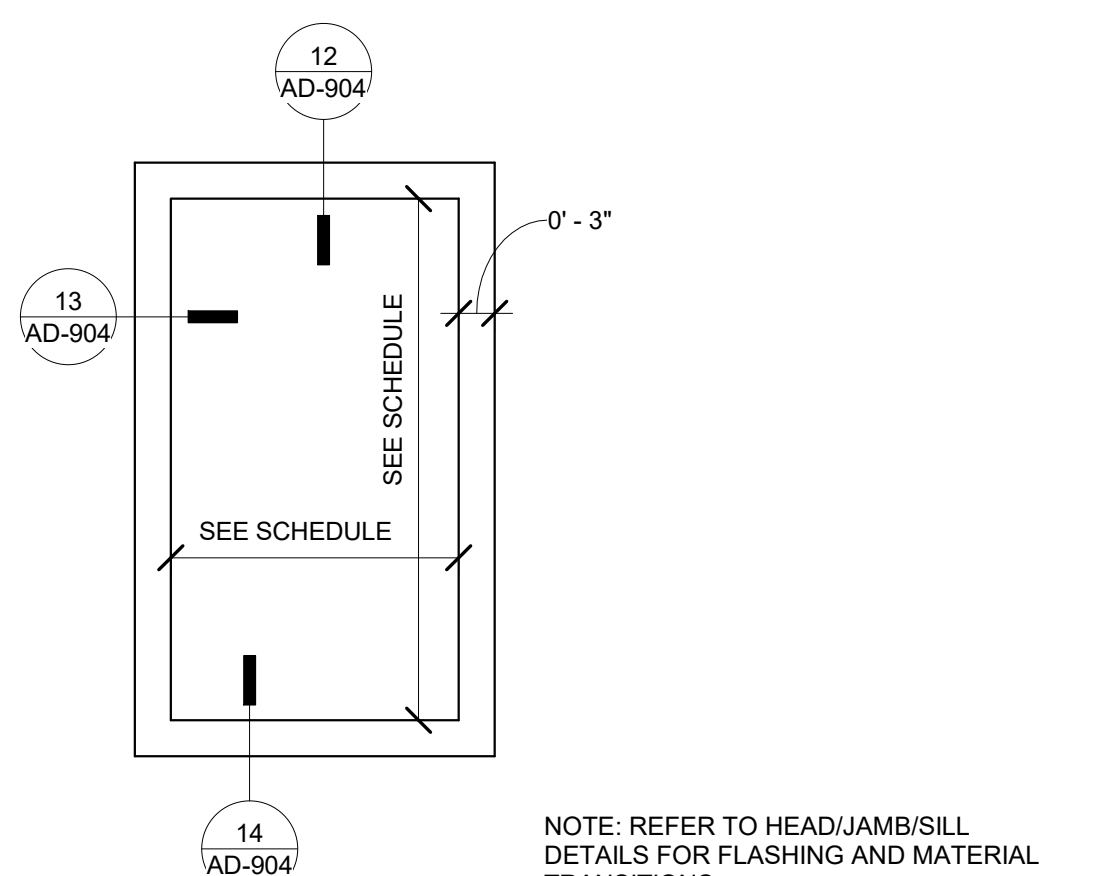
41 RAFTER ASSEMBLY - HIGH DESERT
AD-904 1 1/2" = 1'-0"



31 DOOR TRIM - HIGH DESERT
A1-202AD-904 3/4" = 1'-0"

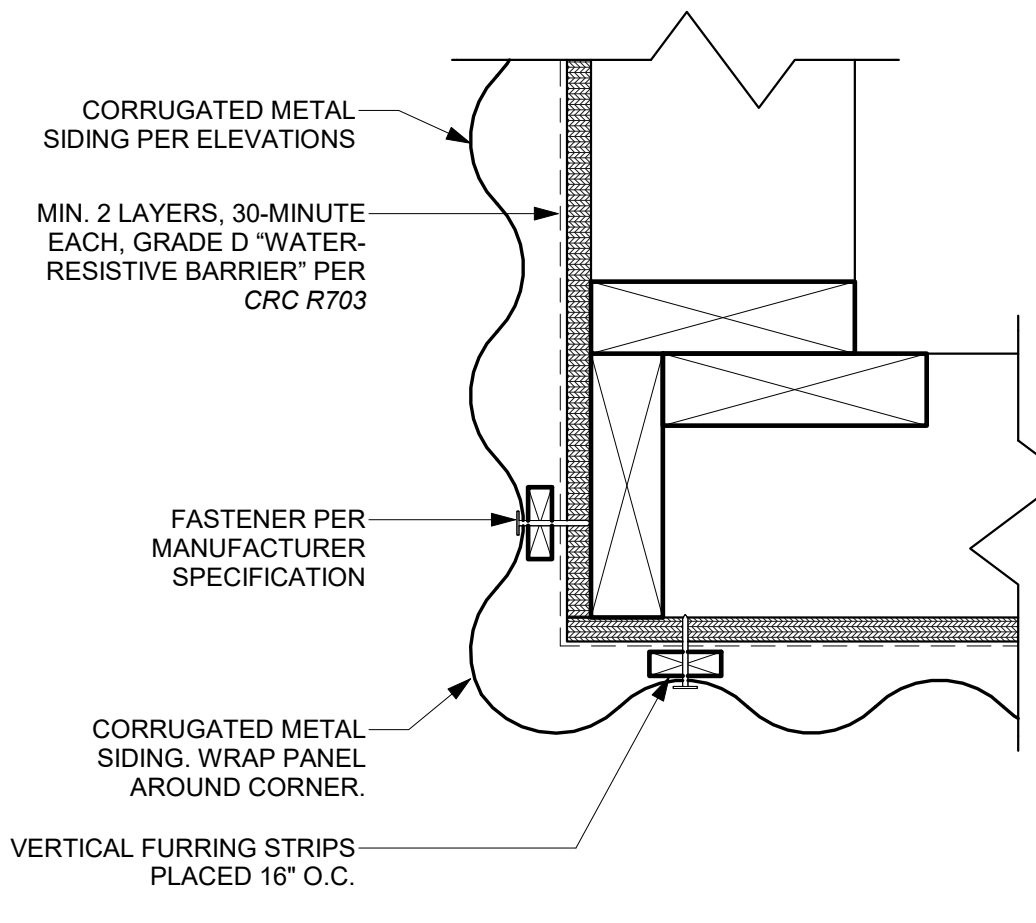
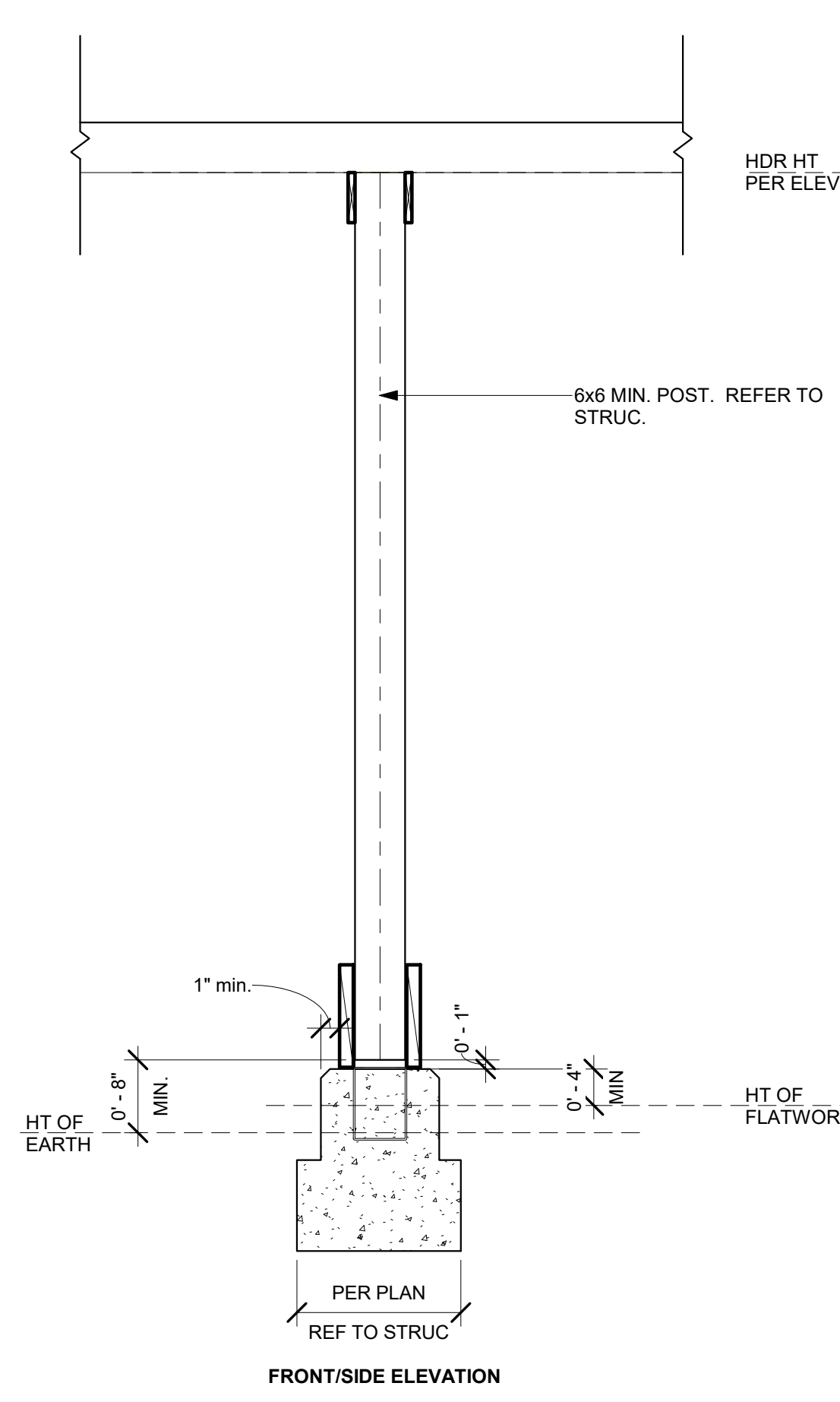


21 RAKE - HIGH DESERT
AD-904 1 1/2" = 1'-0"

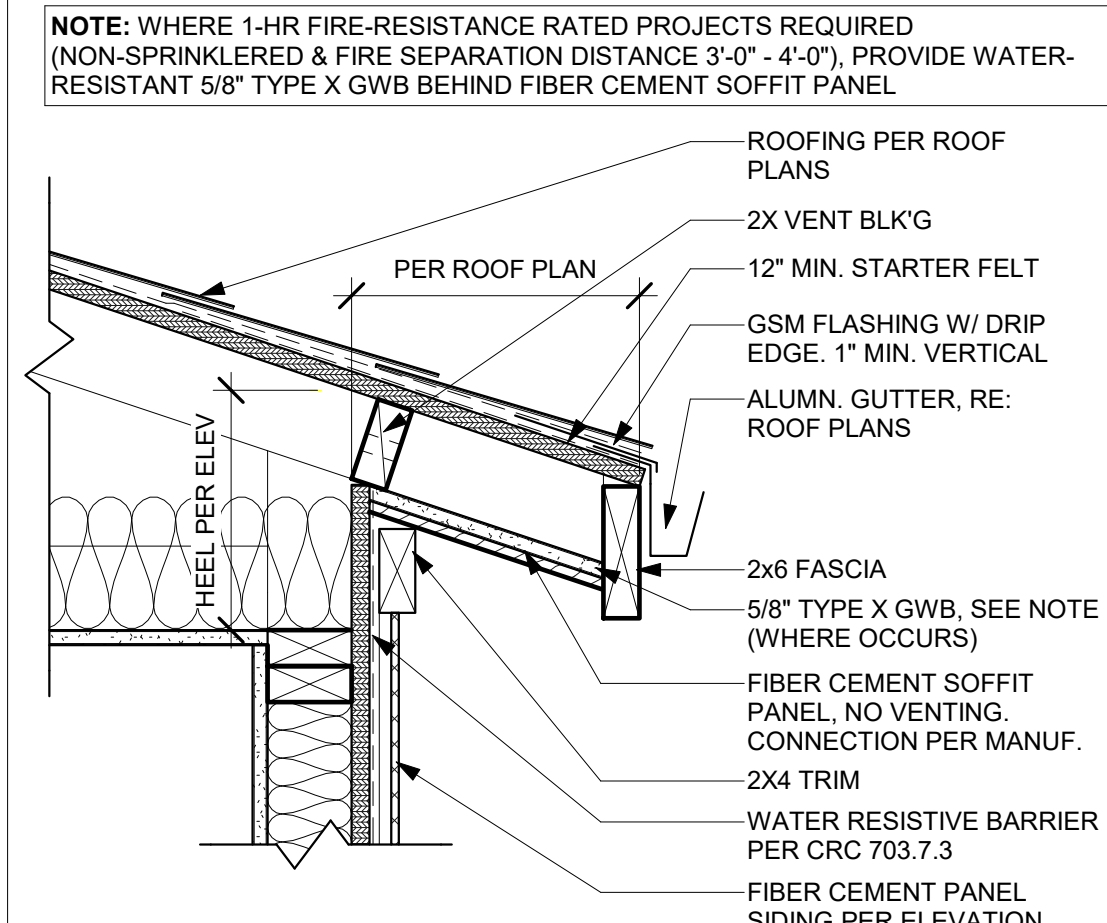


11 WINDOW TRIM - HIGH DESERT
A1-202AD-904 3/4" = 1'-0"

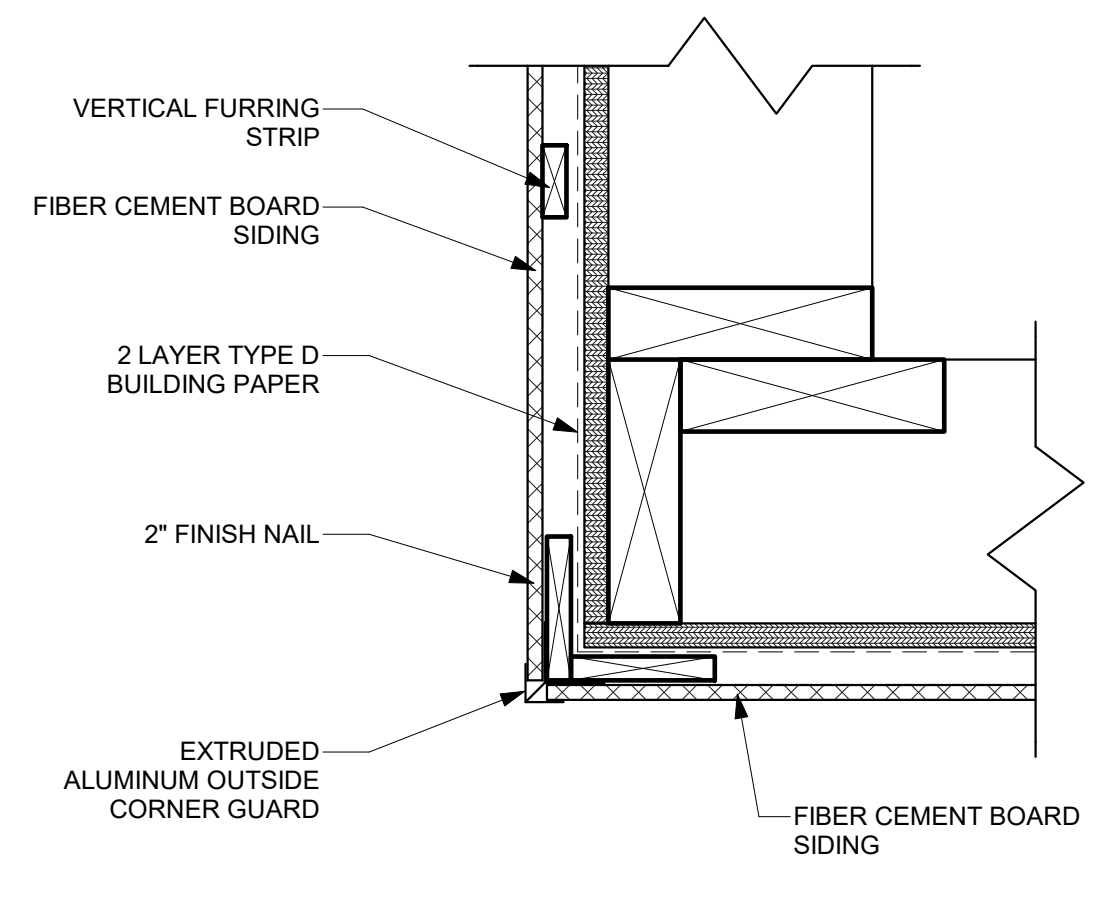
51 TYP. RAISED FOUNDATION
A1-302AD-904 1 1/2" = 1'-0"



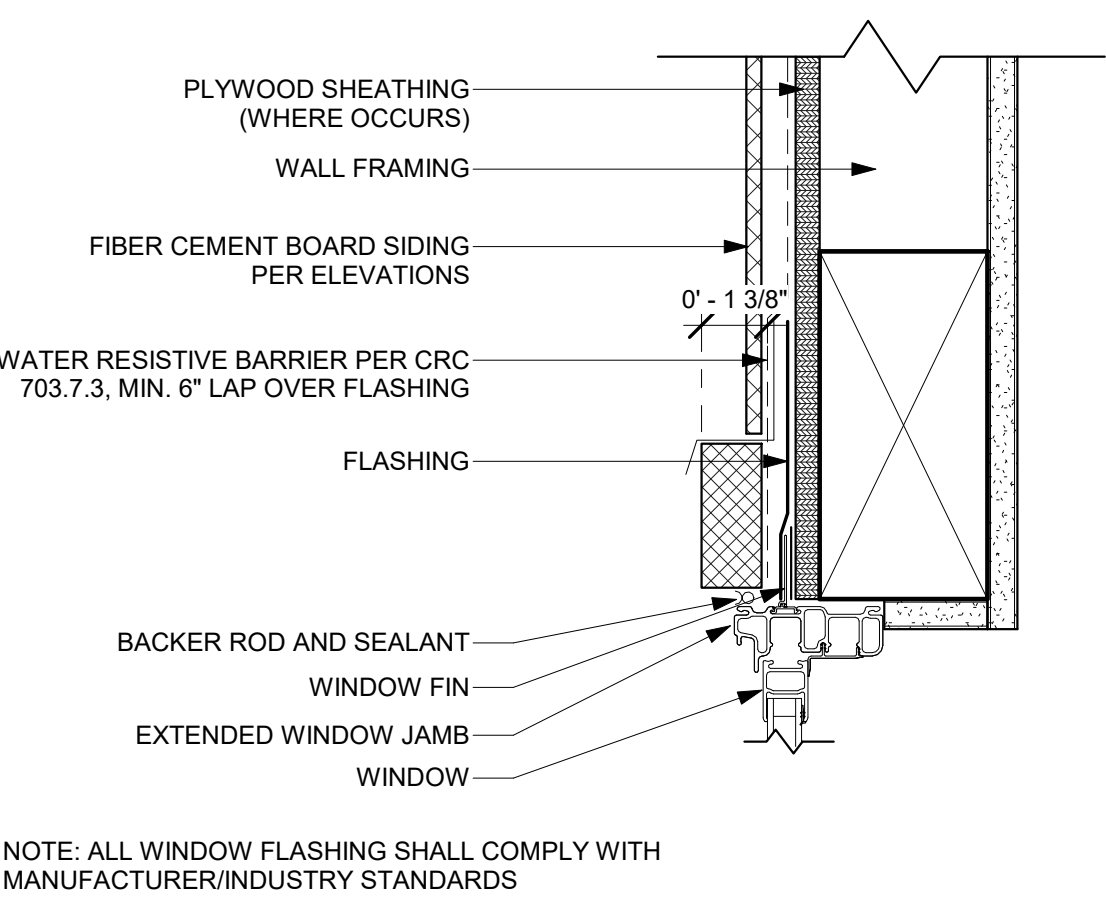
42 TYP. OUTSIDE CORNER-HIGH DESERT
AD-904 3" = 1'-0"



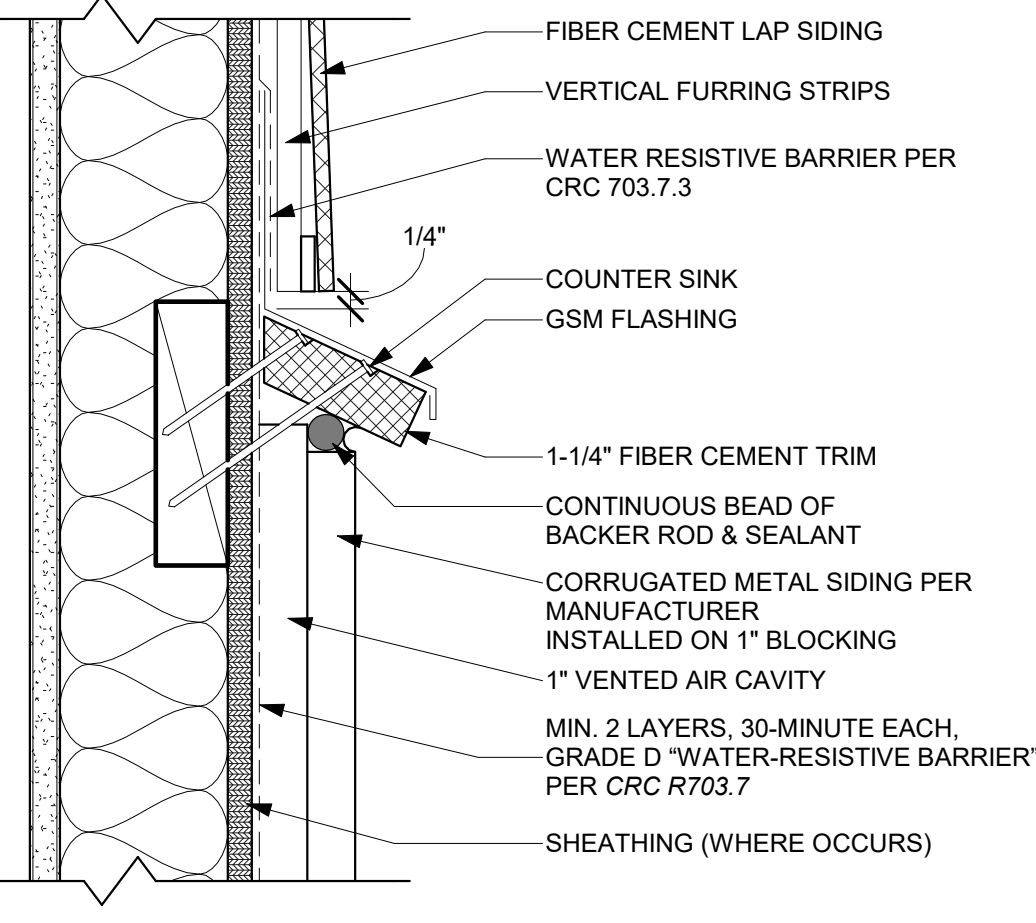
32 EAVE - HIGH DESERT
AD-904 1 1/2" = 1'-0"



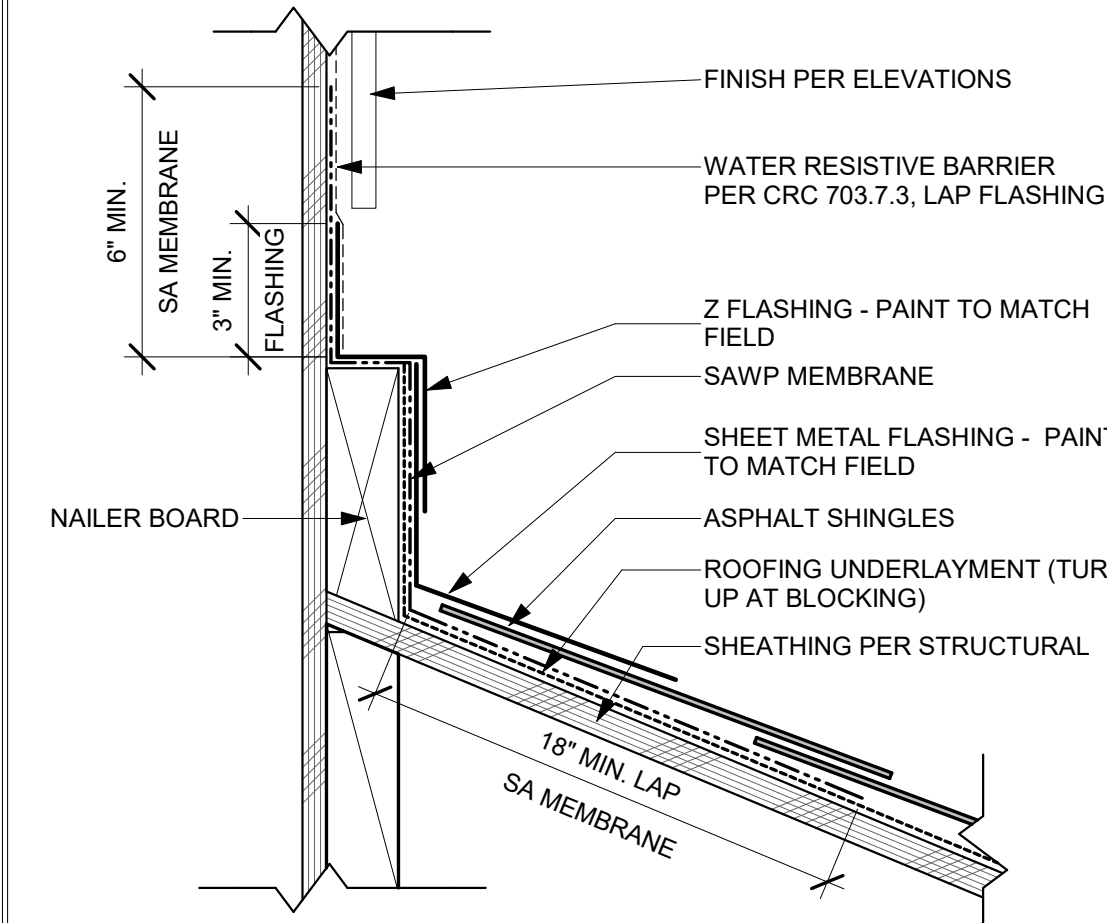
22 TYP. OUTSIDE CORNER-HIGH DESERT
A1-202AD-904 3" = 1'-0"



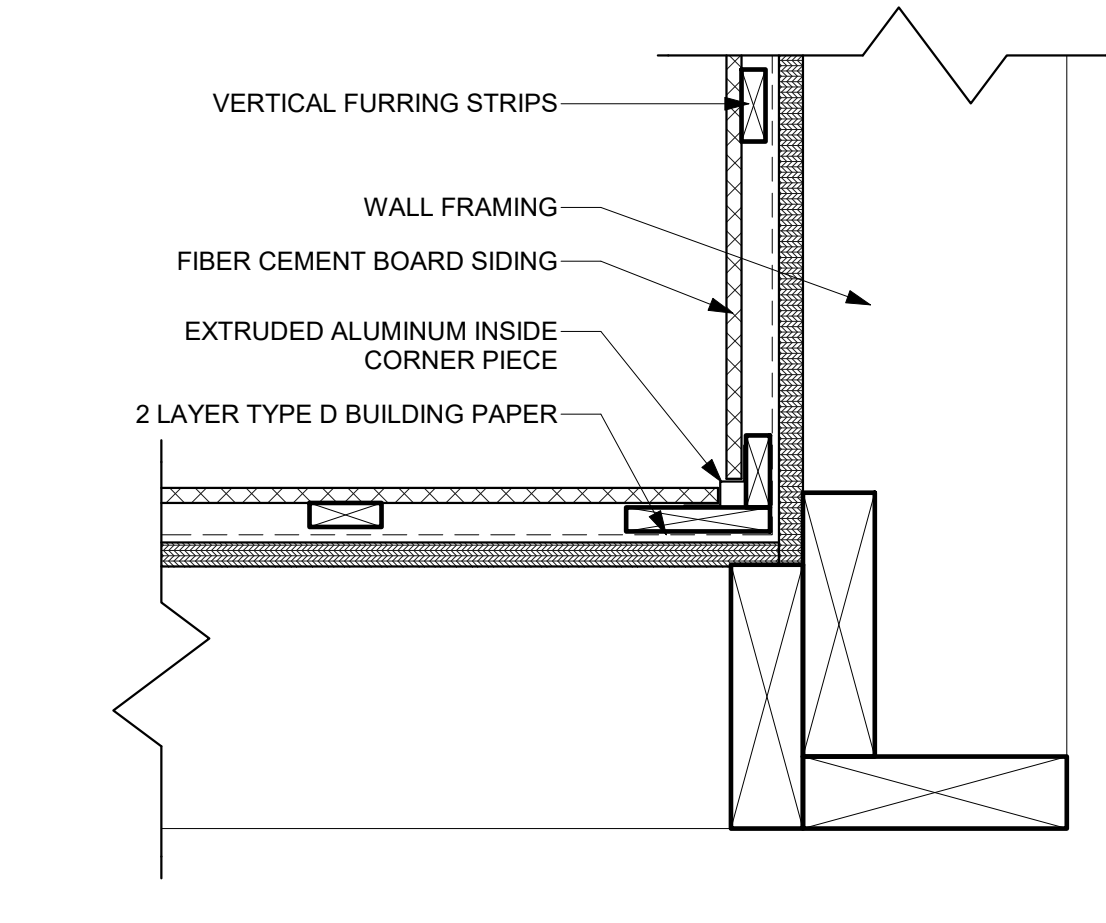
12 TYP. WINDOW HEAD-HIGH DESERT
AD-904 3" = 1'-0"



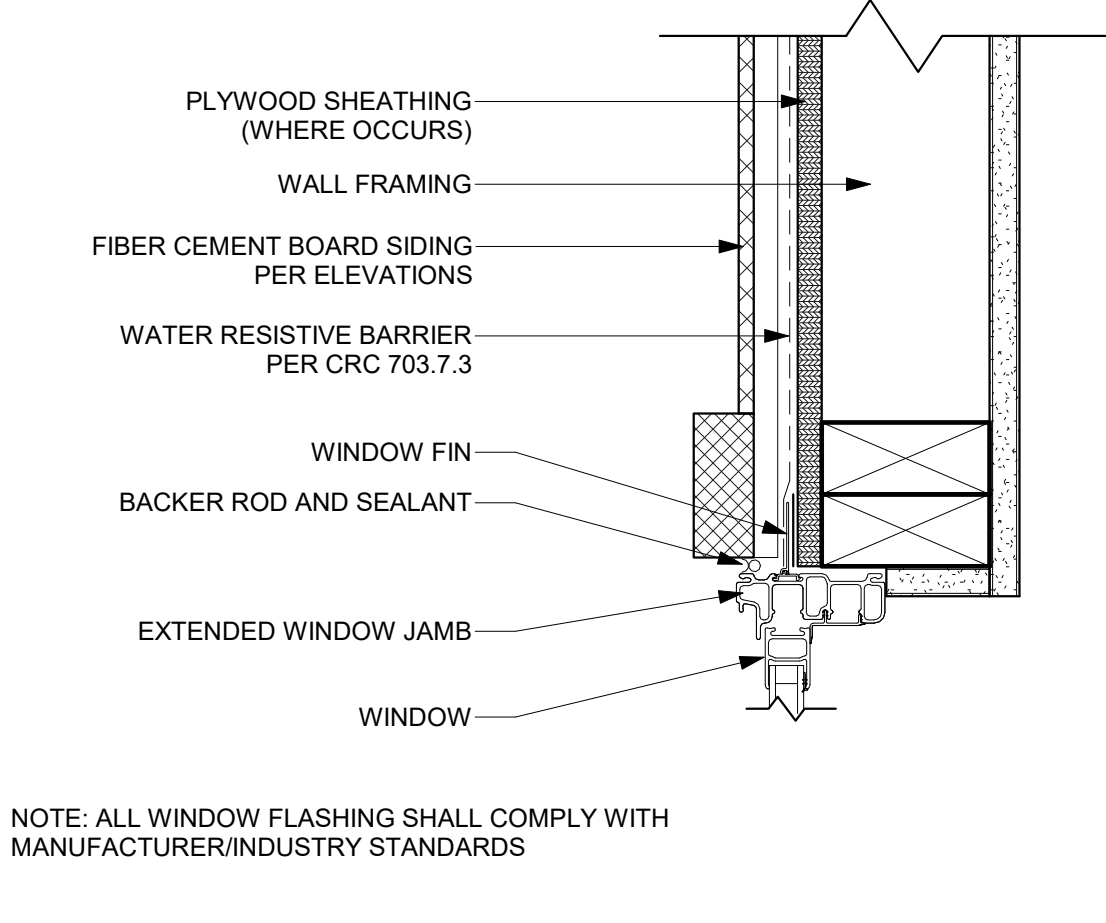
43 CORRUGATED METAL WAINSCOT
A3-201AD-904 3" = 1'-0"



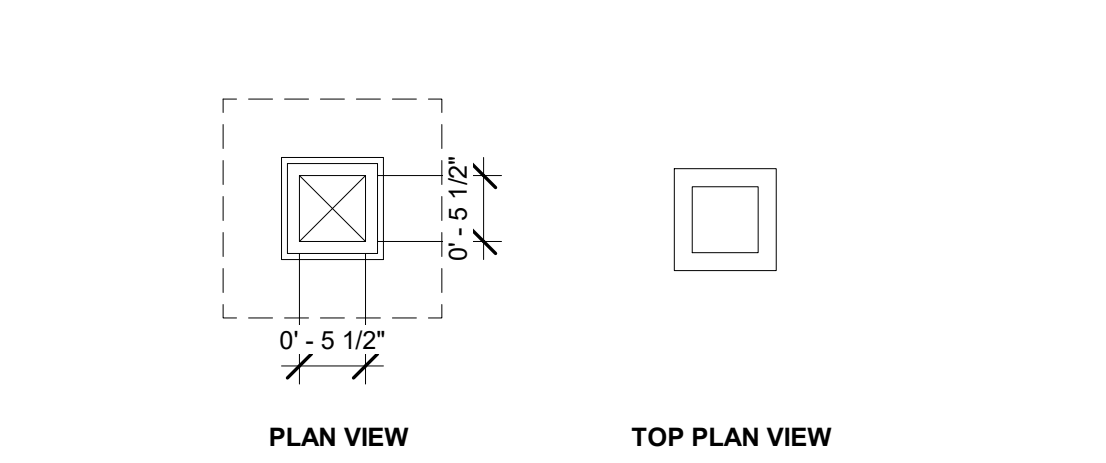
33 HEADWALL - HIGH DESERT
AD-904 3" = 1'-0"



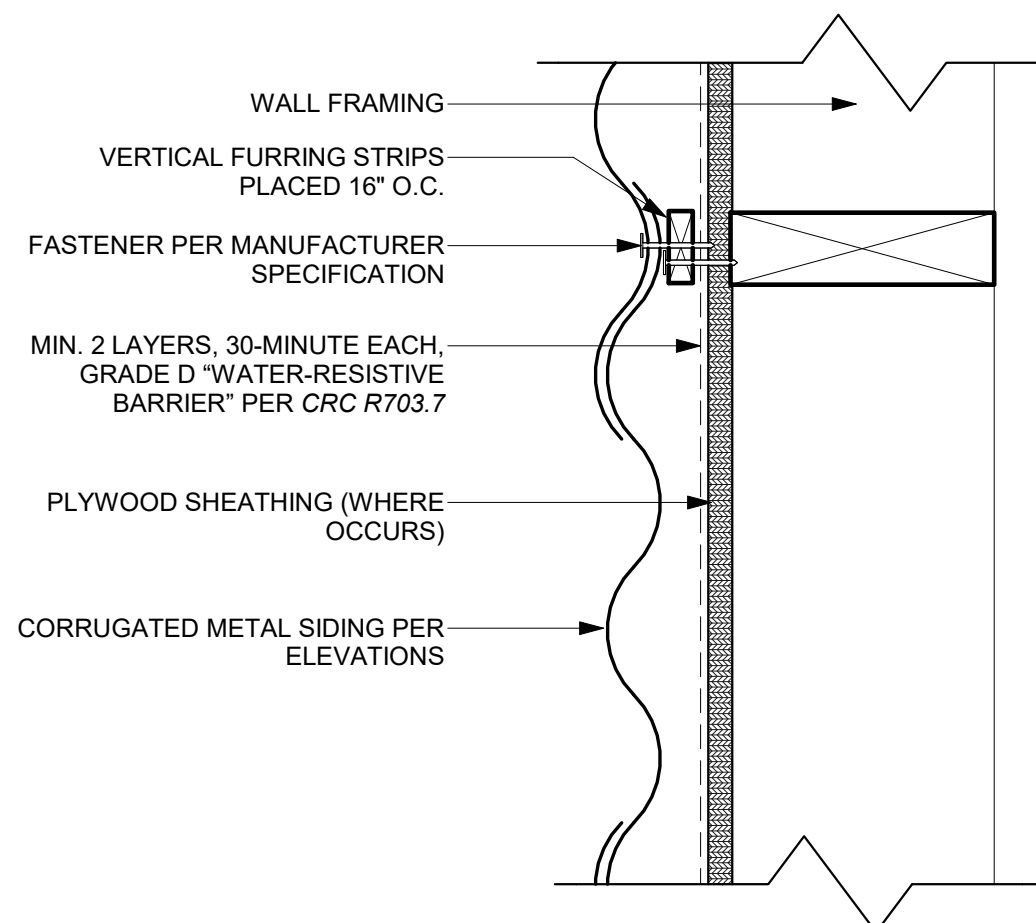
23 TYP. INSIDE CORNER-HIGH DESERT
AD-904 3" = 1'-0"



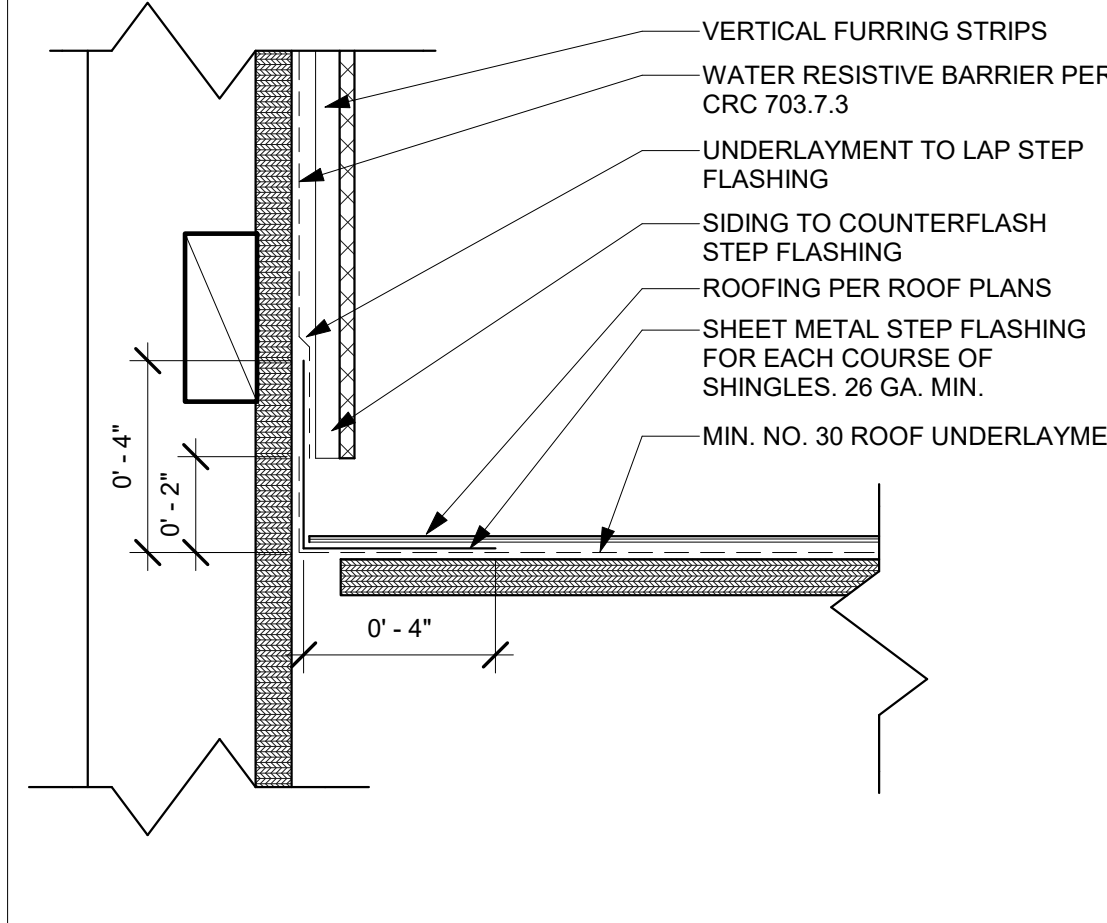
13 TYP. WINDOW JAMB-HIGH DESERT
AD-904 3" = 1'-0"



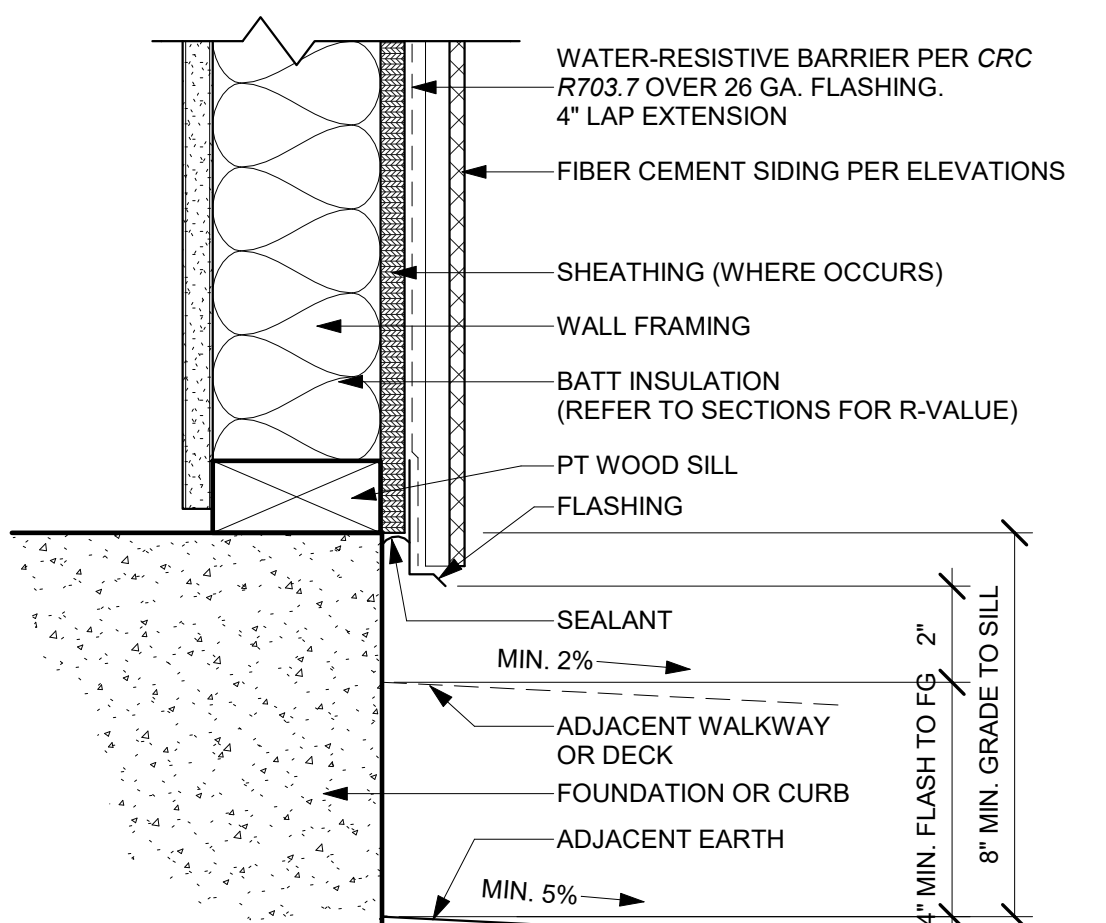
54 POST-HIGH DESERT
A1-202AD-904 3/4" = 1'-0"



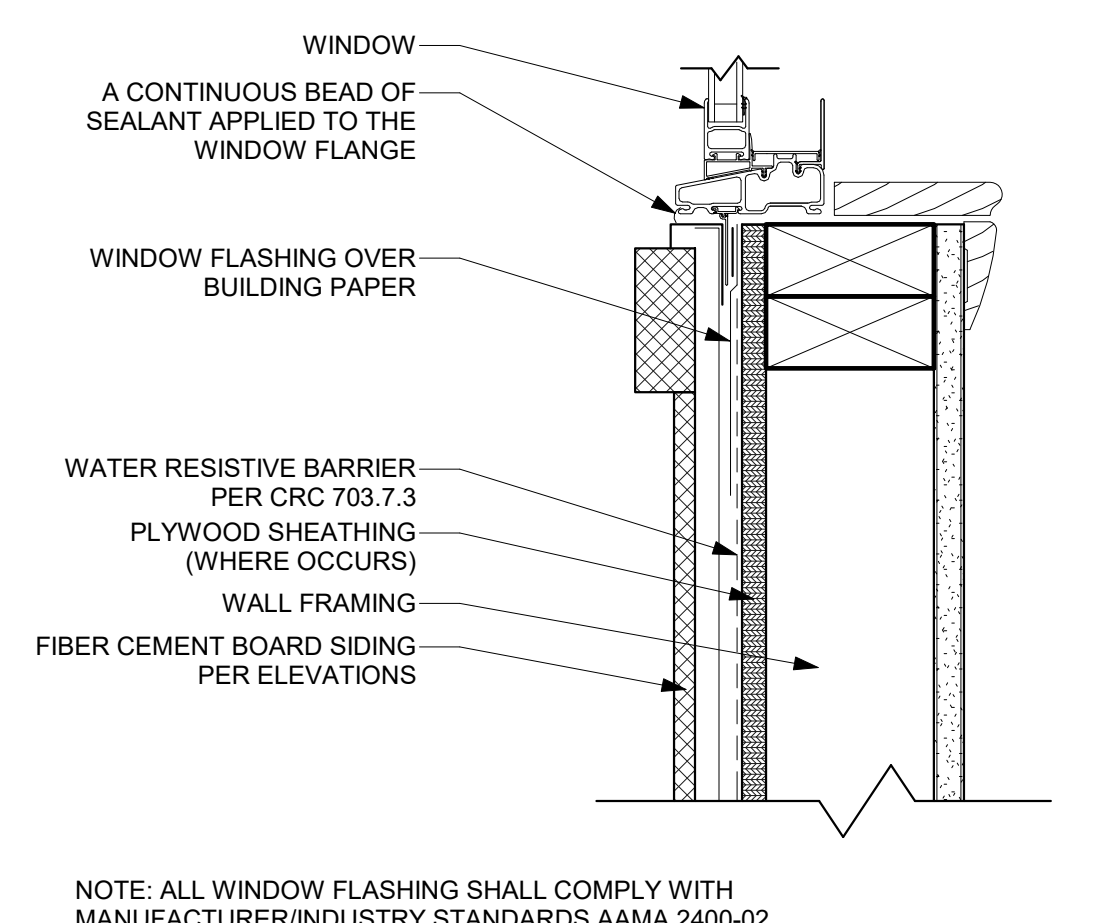
44 CORRUGATED METAL WALL EXT.
AD-904 3" = 1'-0"



34 SIDEWALL - HIGH DESERT
AD-904 3" = 1'-0"



24 TYP. FOUNDATION-HIGH DESERT
A5-202AD-904 3" = 1'-0"



14 TYP. WINDOW SILL-HIGH DESERT
AD-904 3" = 1'-0"

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**MONO COUNTY ADU
PROTOTYPES**
MONO COUNTY
**ARCHITECTURAL DETAILS - HIGH
DESERT**

NO.	REVISION	DATE

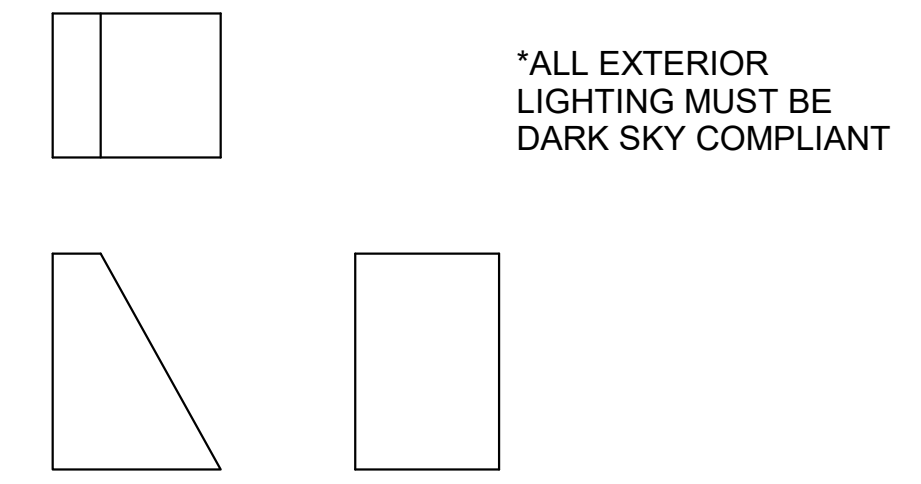
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DATE
6/30/2022

PROJECT NUMBER
2340-01-CU21

SHEET
AD-904



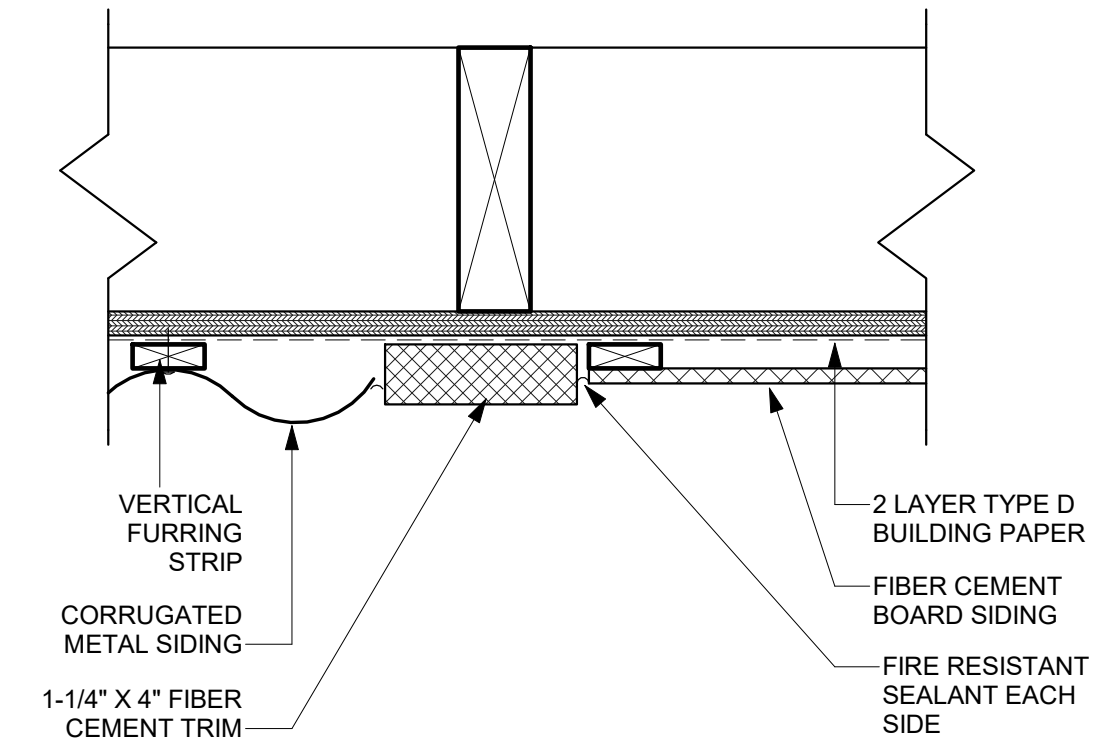
*ALL EXTERIOR LIGHTING MUST BE DARK SKY COMPLIANT

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

A1-202AD-905 1 1/2" = 1'-0"



12 WALL - CORRUGATED TO FIBER CEMENT TRANSITION

A1-202AD-905 3\"/>

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**MONO COUNTY ADU
PROTOTYPES**
MONO COUNTY
**ARCHITECTURAL DETAILS - HIGH
DESERT**

NO.	REVISION	DATE
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RR

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DATE
6/30/2022

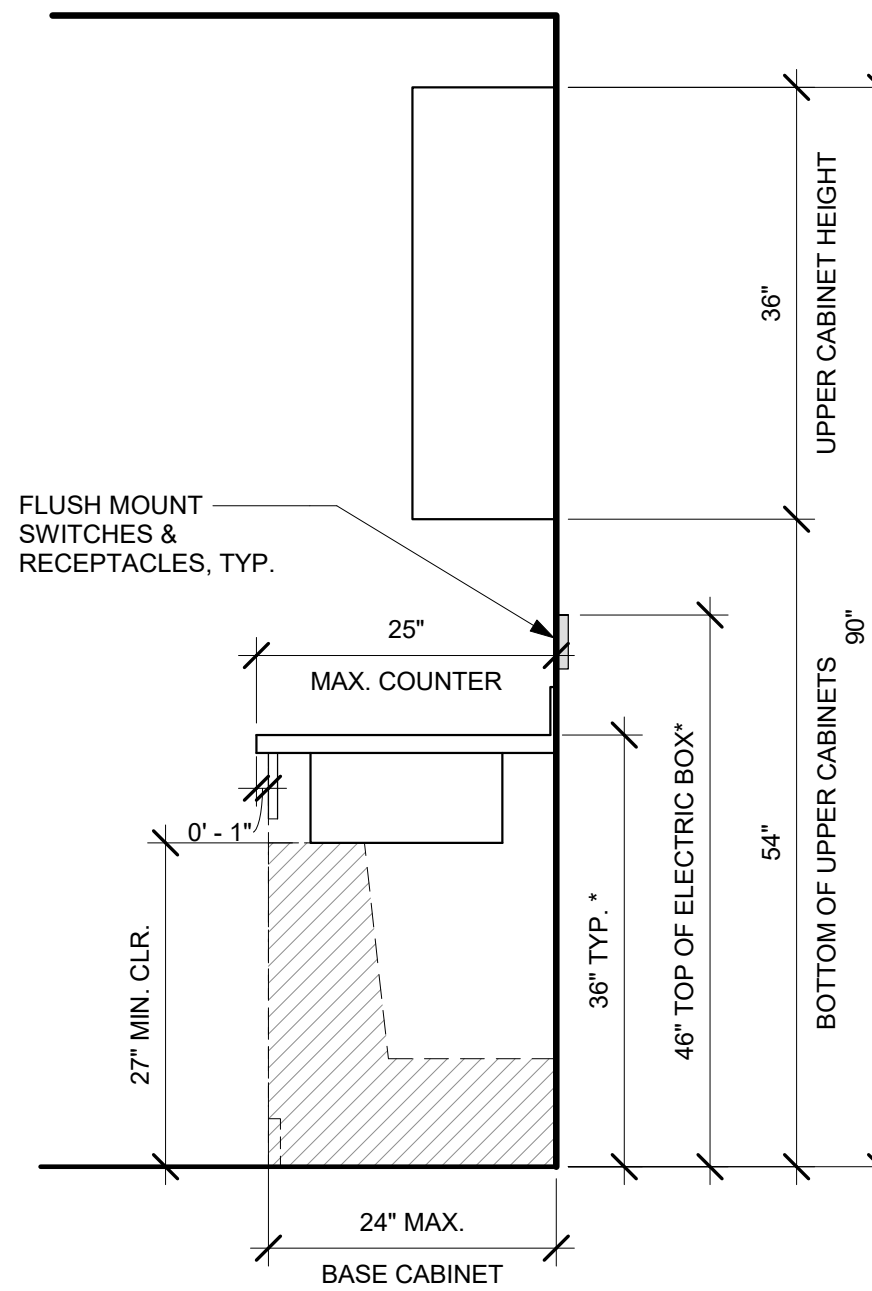
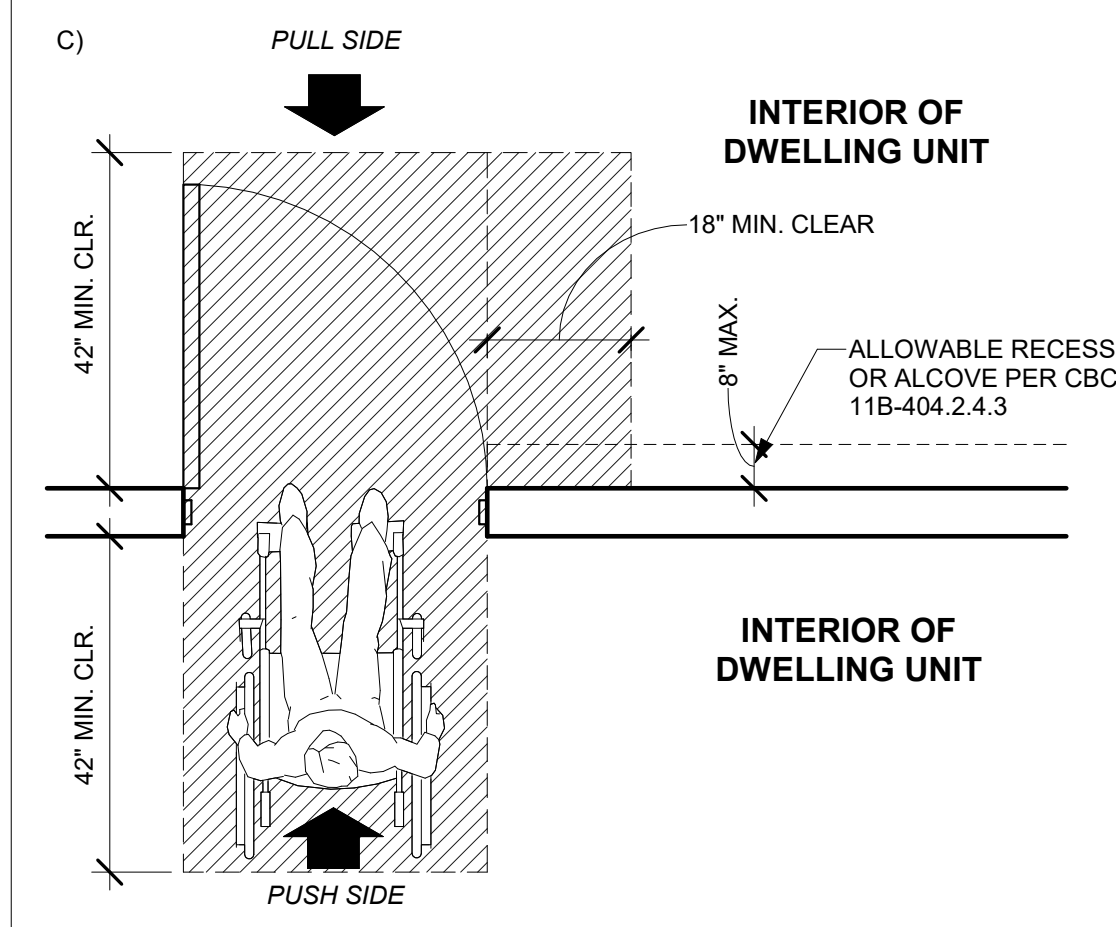
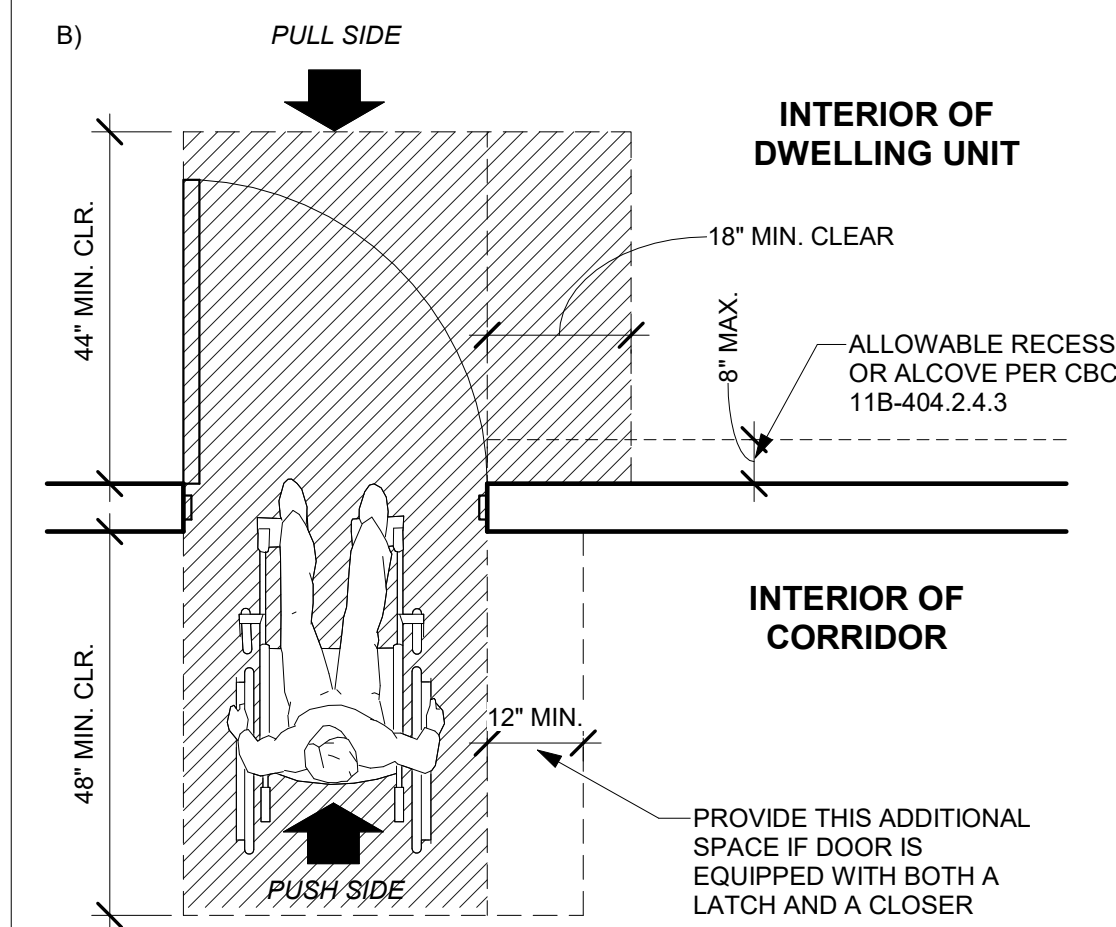
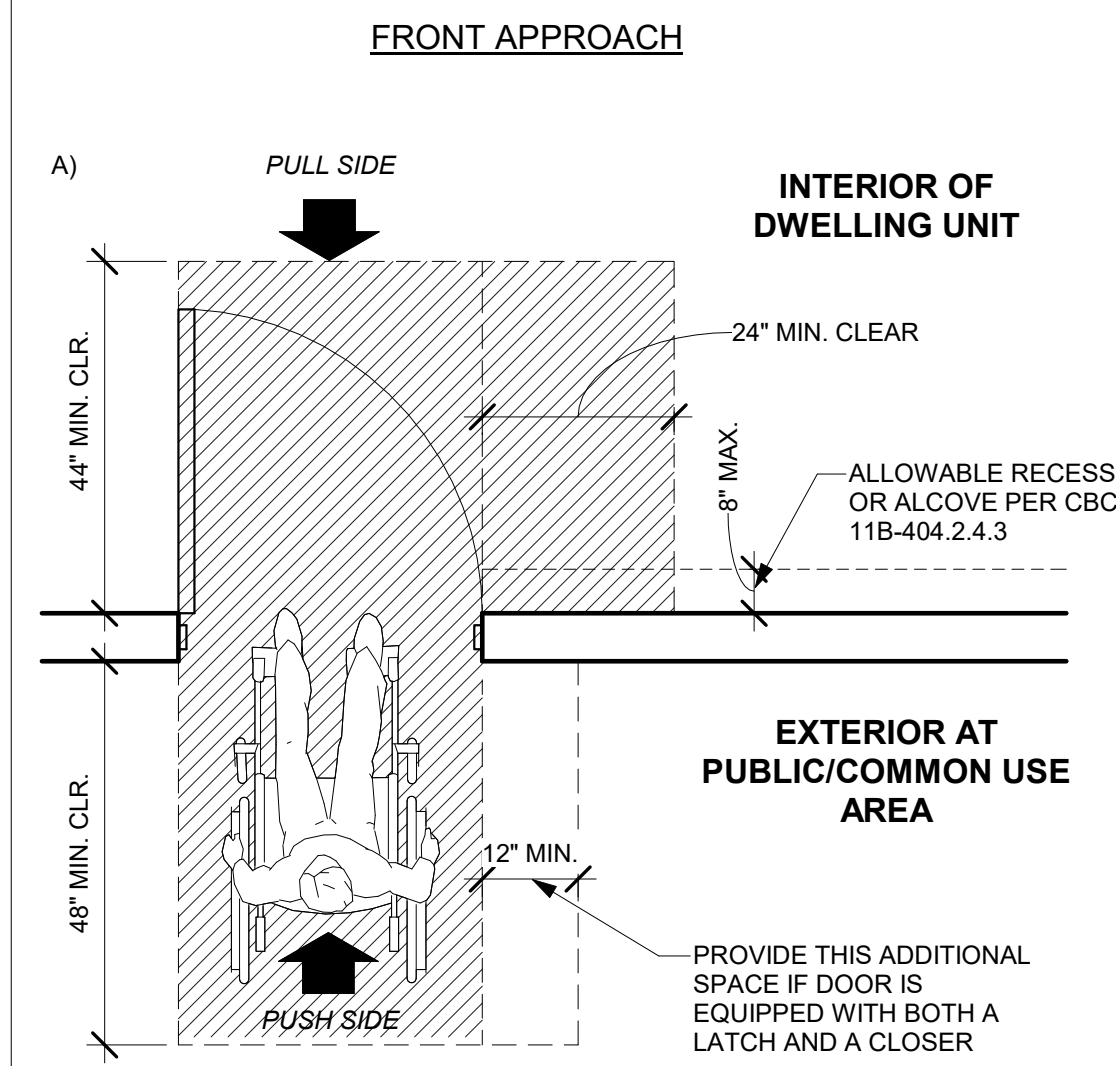
PROJECT NUMBER
2340-01-CU21

SHEET
AD-905

CONSULTANT

AGENCY

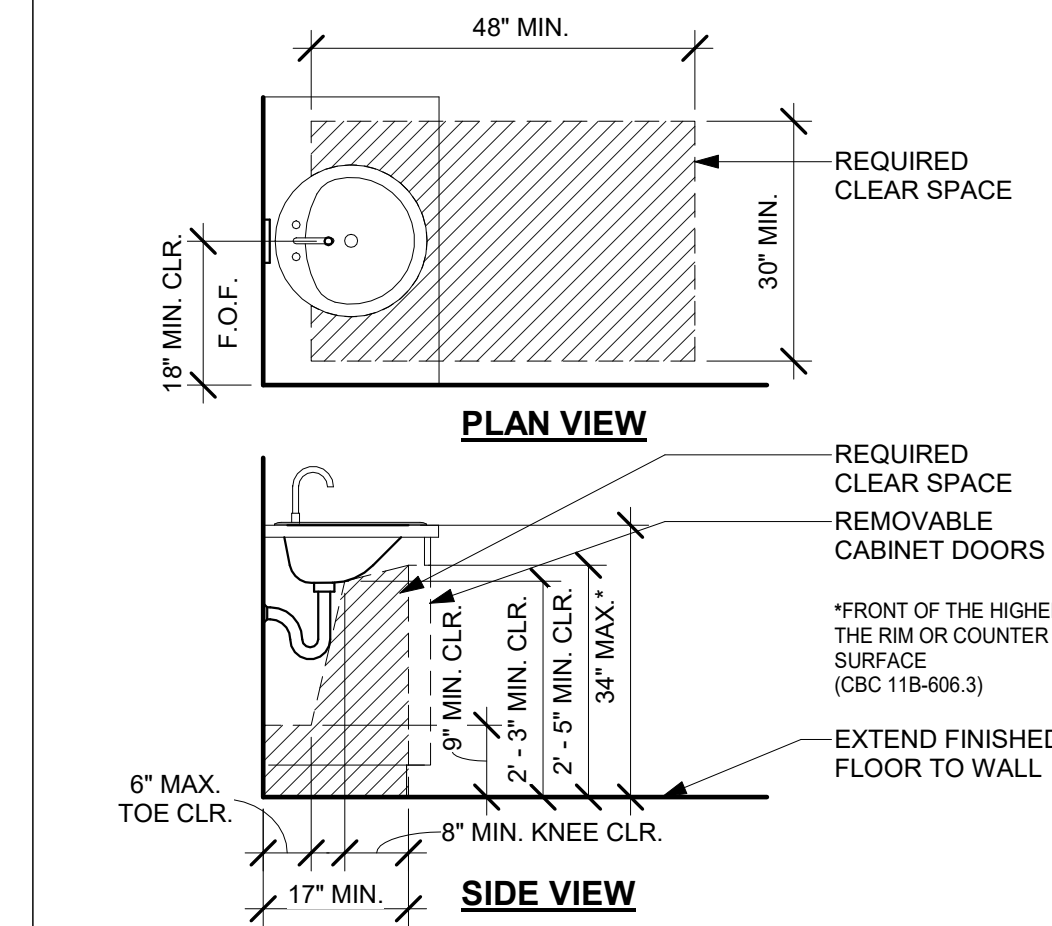
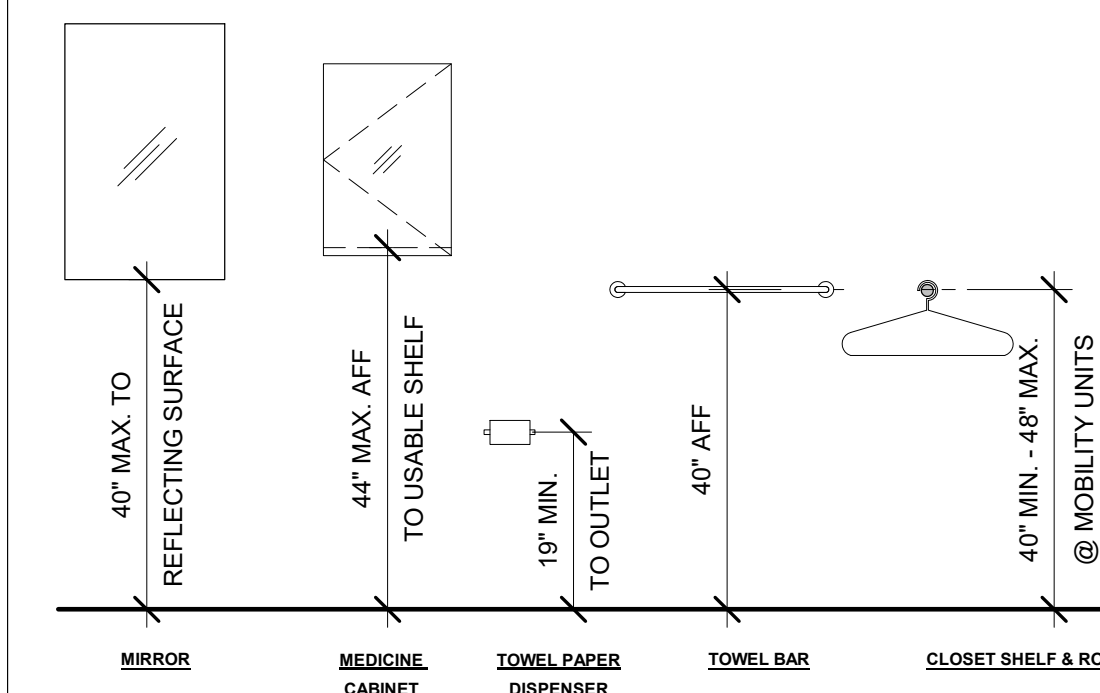
**MONO COUNTY ADU
PROTOTYPES**
MONO COUNTY
ADAPTABILITY DETAILS



- NOTES:
- (*) DENOTES COMPLIANCE WITH SIDE REACH APPROACH PER 2019 CBC 1138A.3.2.2 EXCEPTION.
 - REMOVABLE BASE CABINET AT SINK & WORKSPACE (MIN. 30\"/>

32 11A ADP. KITCHEN CASEWORK

SCALE: 3/4\"/>



- NOTES:
- ADAPTABLE UNITS - PROVIDE REMOVABLE DOORS AT SINK CABINET THAT DON'T REQUIRE SPECIALIZED KNOWLEDGE OR THE USE OF SPECIALIZED TOOLS.
 - THE FINISHED FLOOR SHOULD EXTEND TO THE WALL.
 - HOT WATER AND DRAIN PIPES UNDER ACCESSIBLE LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.
 - SINK SHALL BE 6 1/2\"/>

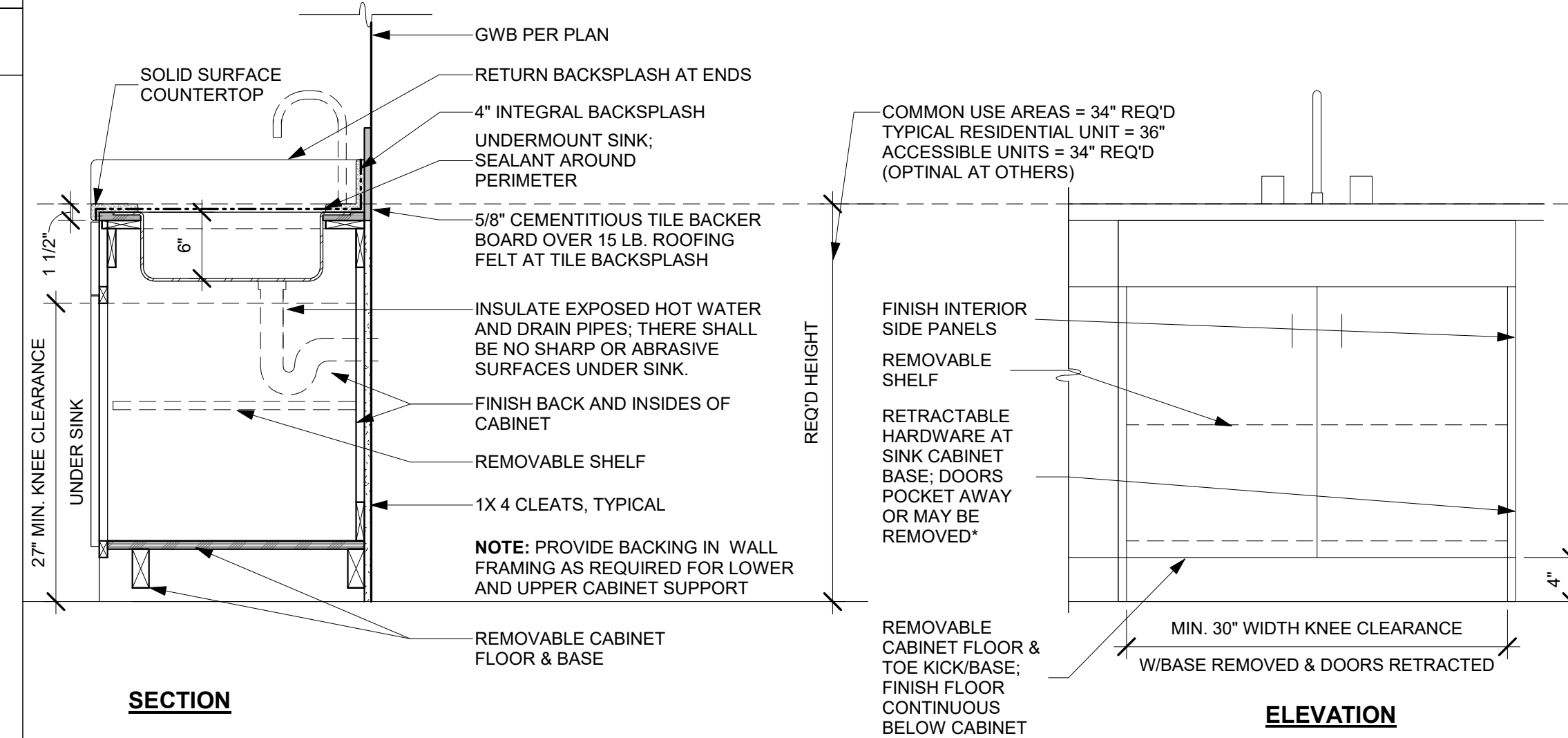
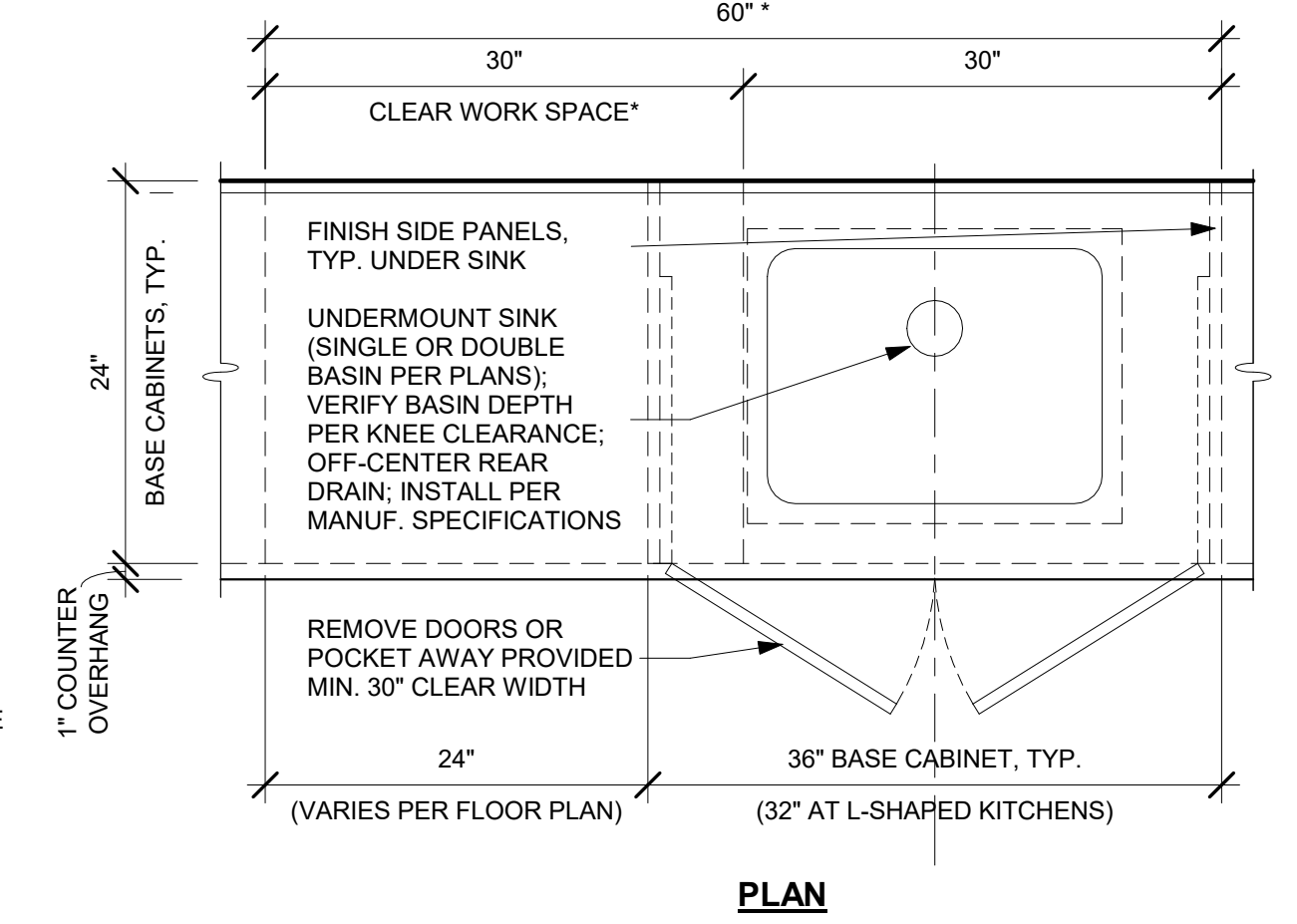
REF. 2019 1138A.6

21 11A ADP. BATHROOM SINK

SCALE: 1/2\"/>

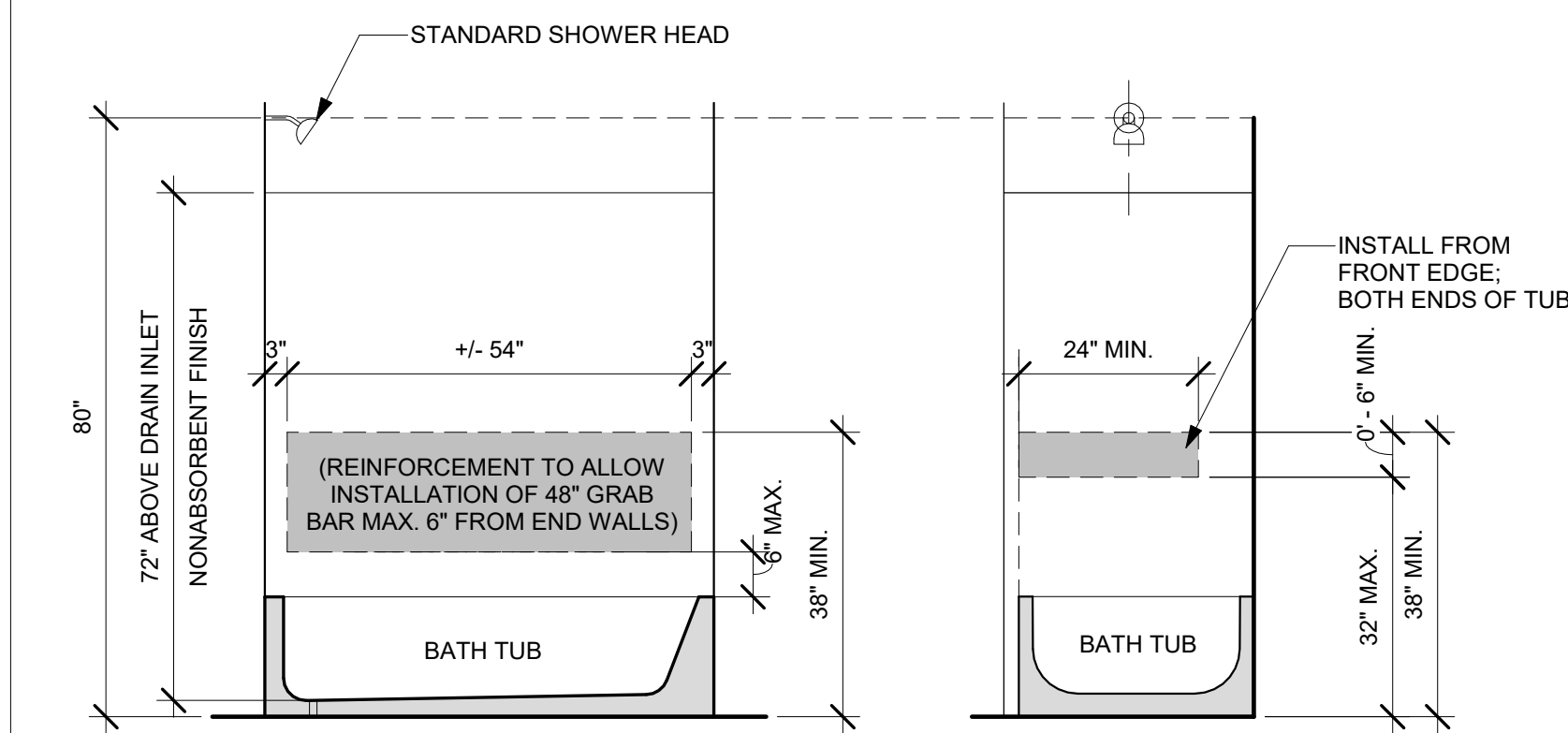
***KITCHEN ACCESSIBILITY NOTES**

- THE SINK AND WORK SURFACE MAY BE A SINGLE INTEGRAL UNIT A MINIMUM OF 60 INCHES IN LENGTH, OR BE SEPARATE (30\"/>



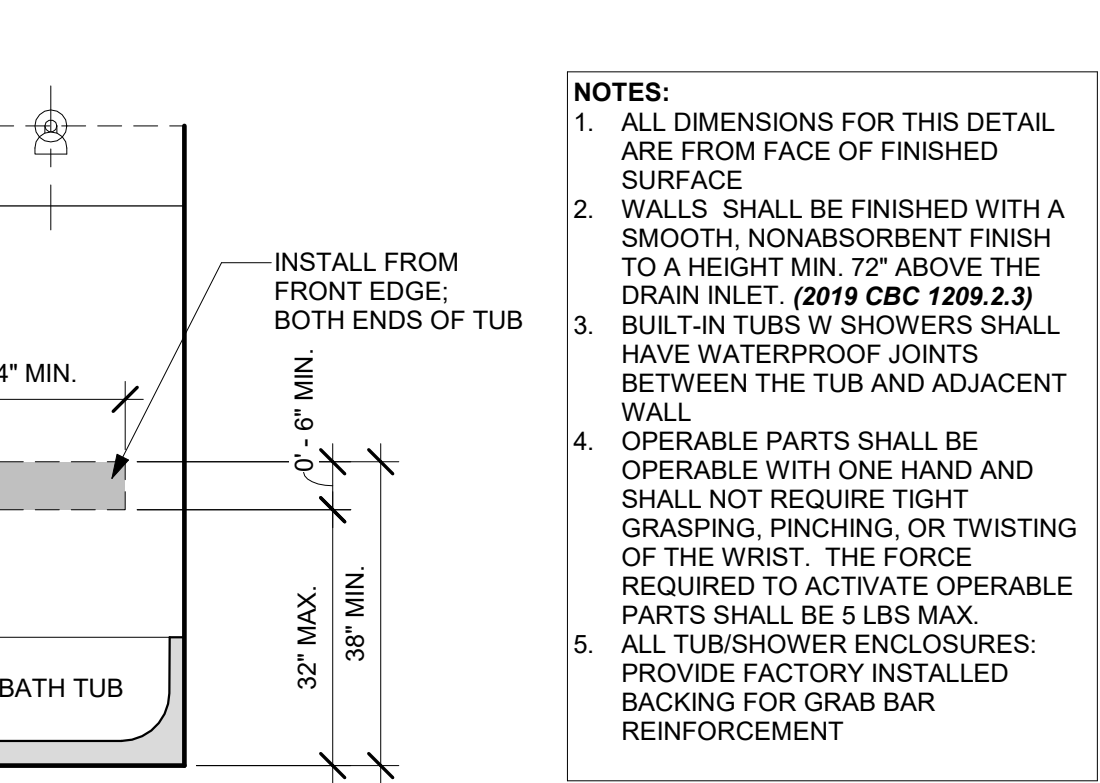
43 CLEARANCES AT DOORS & GATES

SCALE: 1/2\"/>



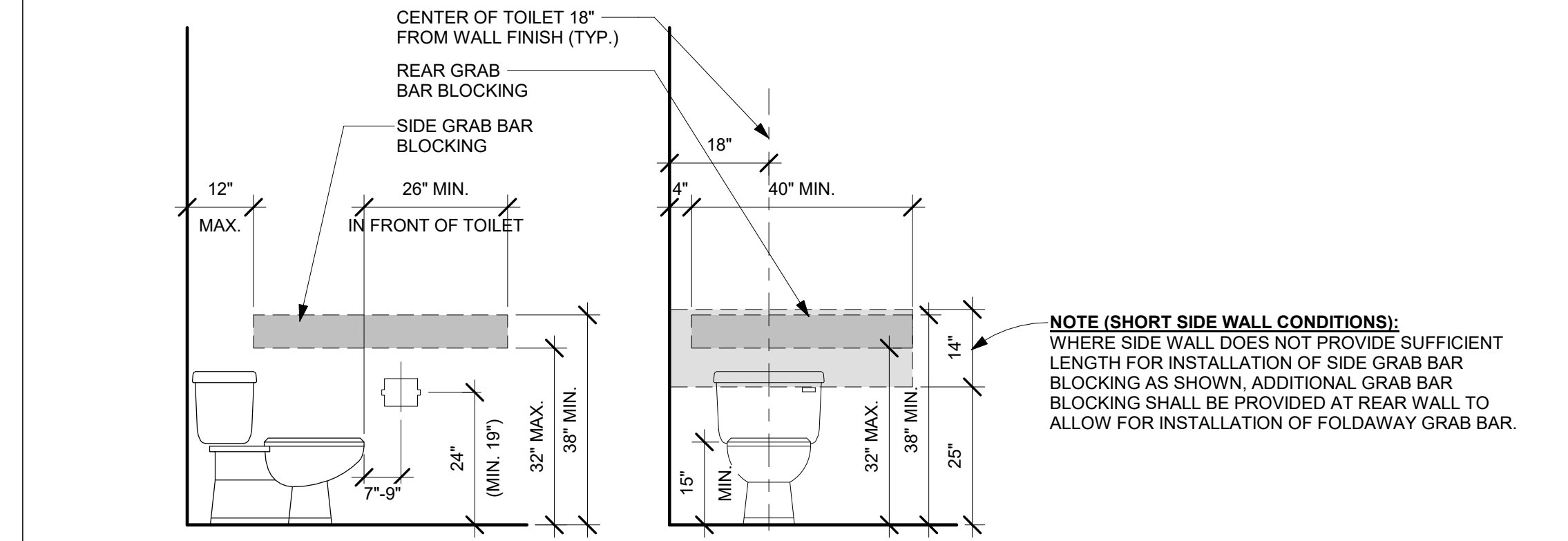
14 ACCESSORIES - RESIDENTIAL

SCALE: 1/2\"/>



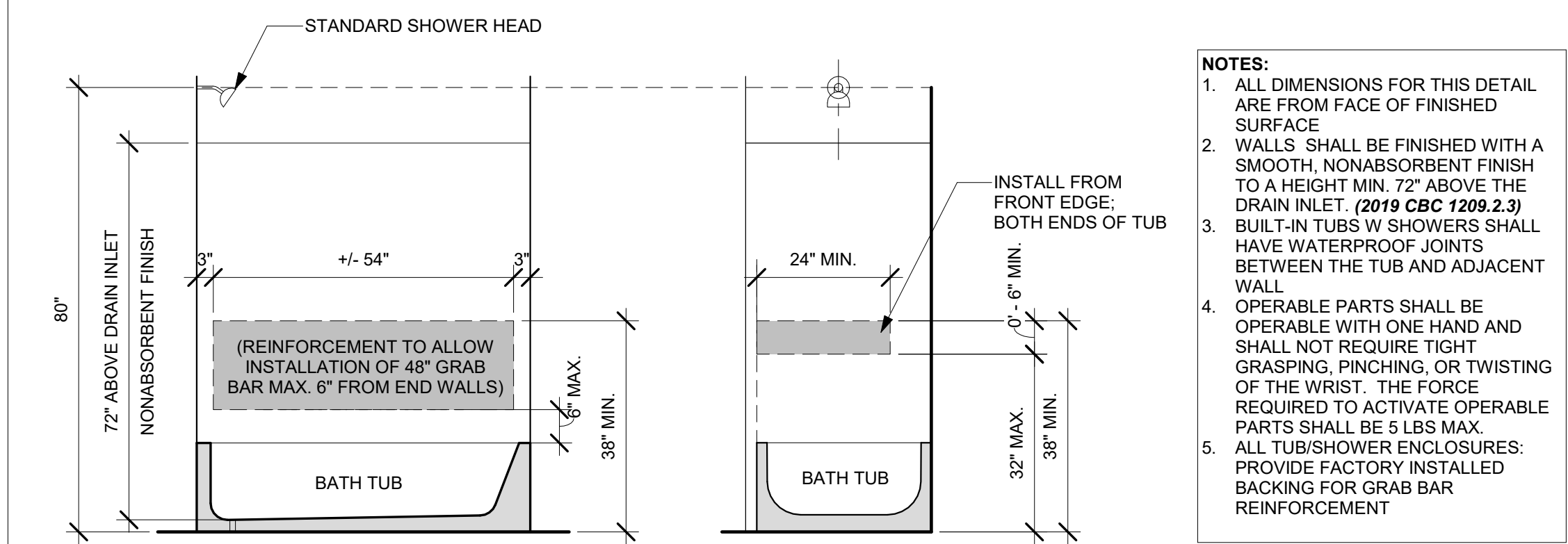
23 ADP. KITCHEN SINK REMOVEABLE BASE CABINET

SCALE: 1\"/>



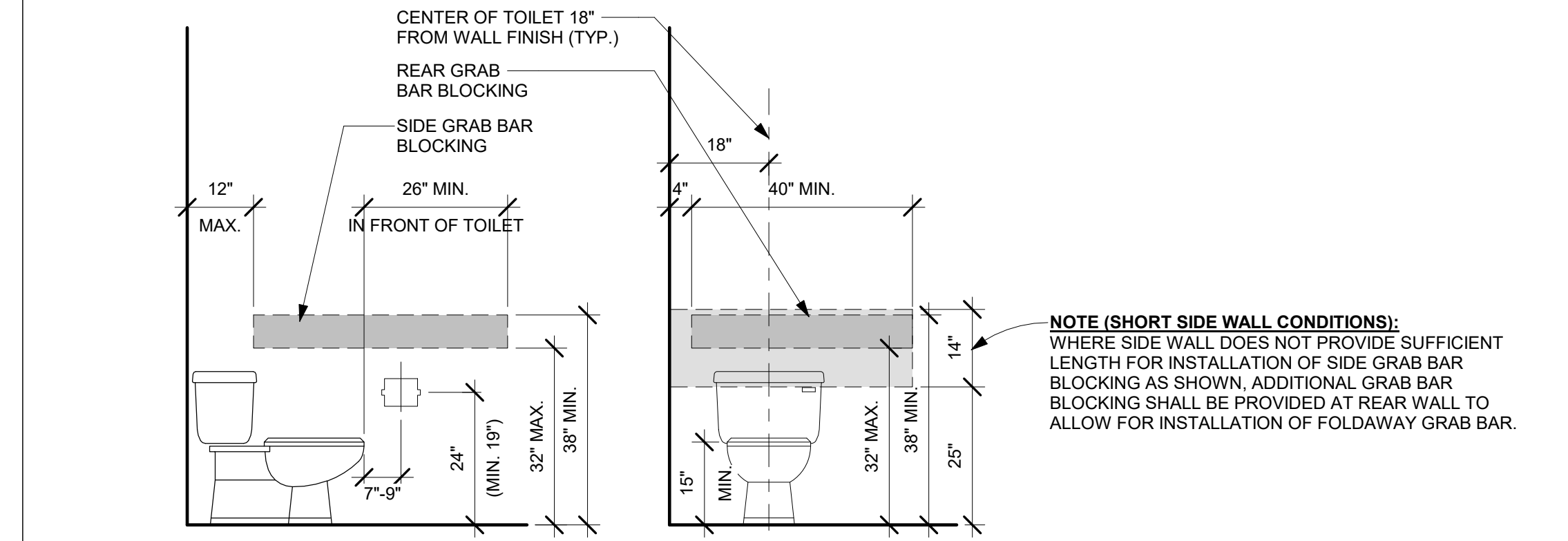
44 11A ADP. TUB COMPLIANCE

SCALE: 1/2\"/>



33 11A ADP. DWELLING UNIT TOILET

SCALE: 1/2\"/>



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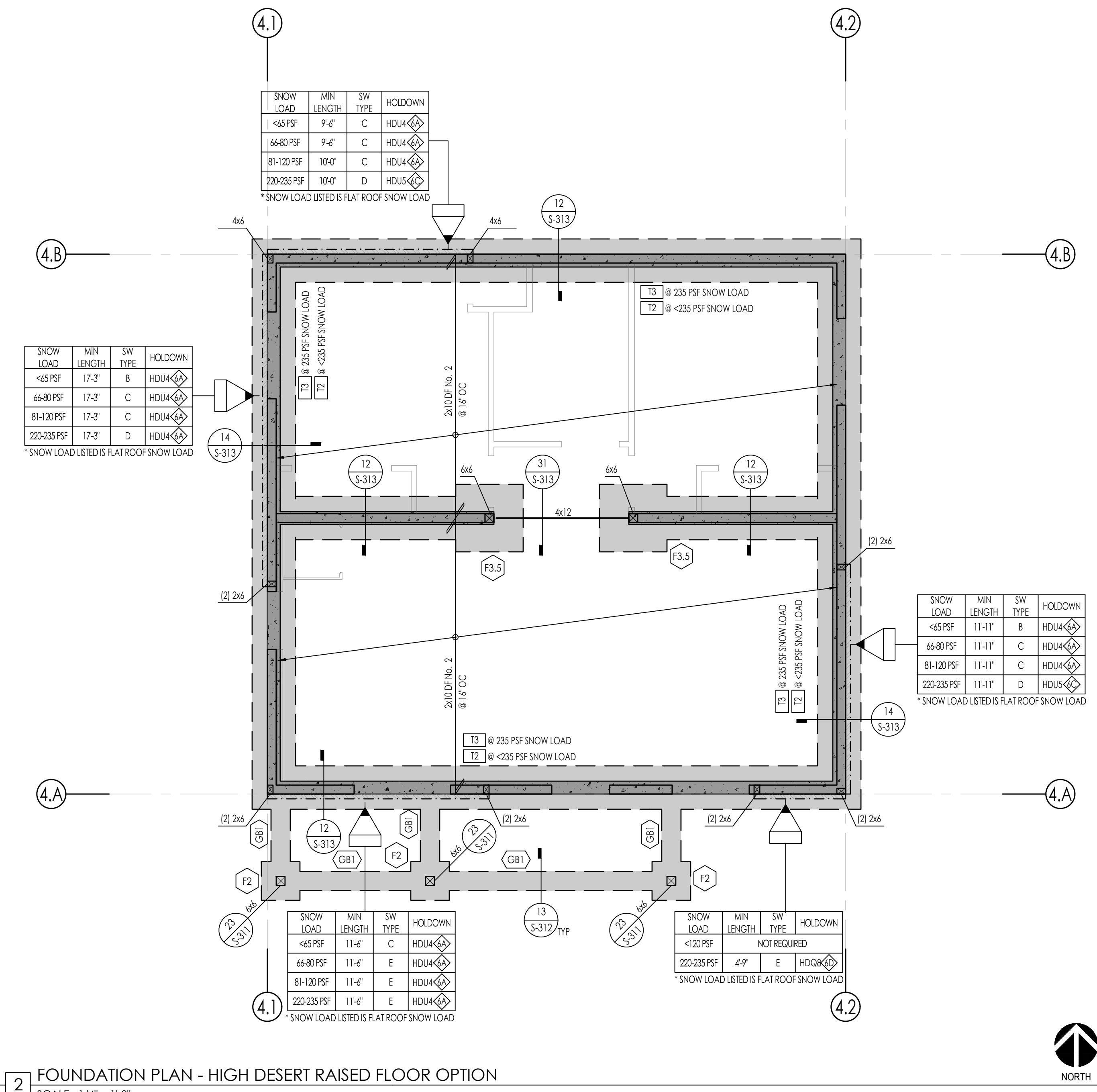
**MONO COUNTY ADU
PROTOTYPES
MONO COUNTY**
**FOUNDATION PLANS -
HIGH DESERT**

CONSTRUCTION DOCUMENTS

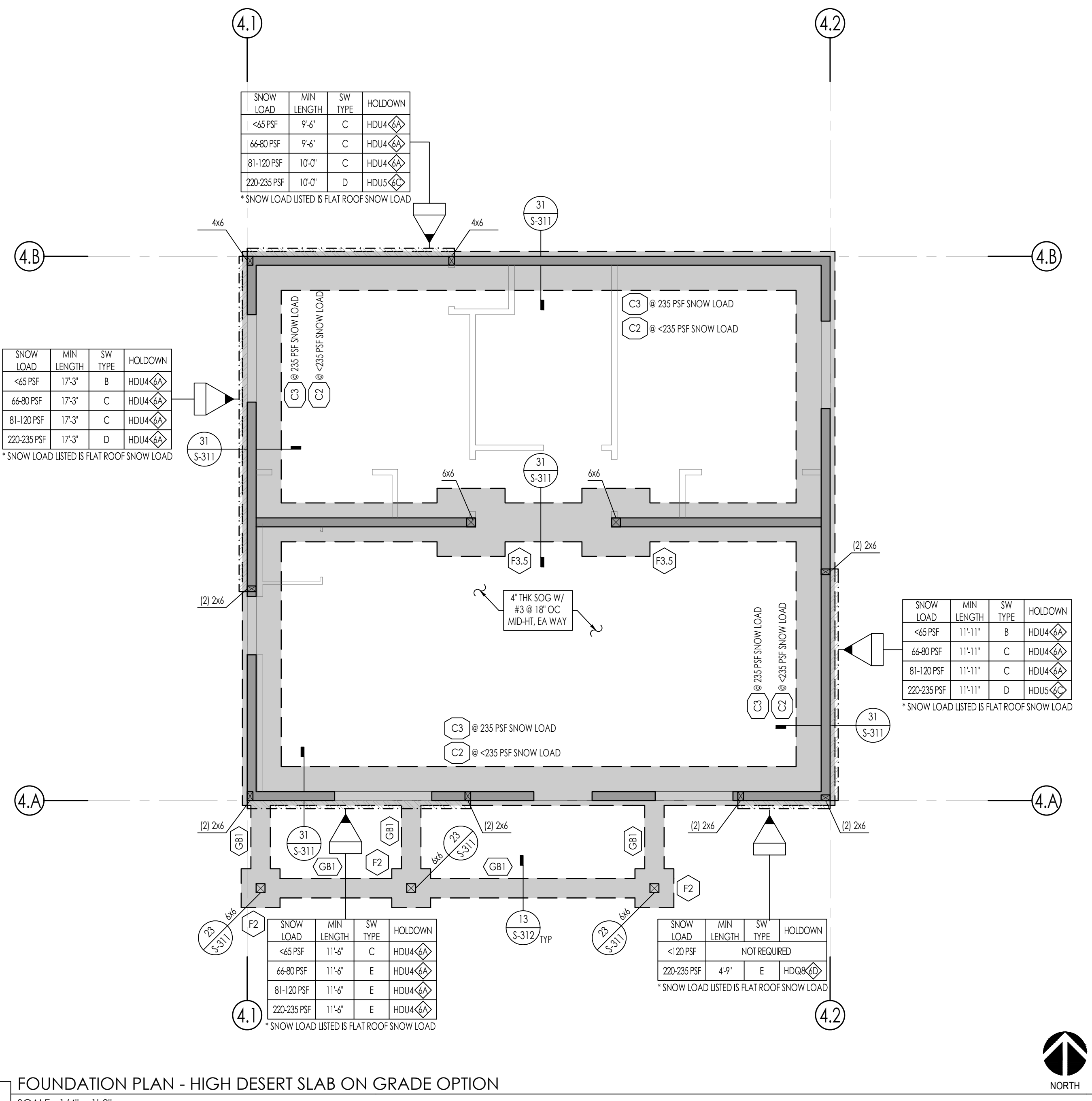
NO.	REVISION	DATE

PROJECT MANAGER
J. MEADOWS
DRAWN BY
A. LOPEZ
CHECKED BY
M. DOREMUS
DATE
AUGUST 18, 2022
PROJECT NUMBER
2340-01-CU21
SHEET

S4-201A



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



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" CORRESPONDS TO FINISHED FLOOR ELEVATION.
- ALL DIMENSIONS SHOWN ARE FROM FACE OF CONCRETE/MASONRY, FACE OF SHEATHING, OR CENTERLINE OF COLUMN. ALL COLUMNS ARE CENTERED IN STUD WALLS, UNO.
- FOR ANY DIMENSIONAL INFORMATION NOT SHOWN, SEE ARCHITECTURAL DRAWINGS.
- SEE ARCHITECTURAL DRAWINGS FOR ANY EMBEDDED ITEMS AND ALL EXTERIOR CONCRETE 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 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 DEEPER 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

- INDICATES SHEAR WALL TYPE AND LENGTH. SEE SCHEDULE ON 13/S-402
- INDICATES CONCRETE WALL PER DETAIL 22/S-311

SCHEDULES

HOLD-DOWN SCHEDULE			
SPECIFIES HOLD-DOWN/STRAP DETAIL	INDICATES HOLD-DOWN/STRAP TYPE	DETAIL	

CONTINUOUS FOOTING SCHEDULE					
MARK	WIDTH	MIN EMBED BELOW LOWEST PAD GRADE	LONG REINF	TRANS REINF	DETAIL
C2	2'-0"	SEE NOTE 16	(3) #5 T&B	#3 @ 12" OC, BOT	31/S-311
C3	3'-0"	SEE NOTE 16	(4) #5 T&B	#3 @ 12" OC, BOT	31/S-311

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

I-FOOTING SCHEDULE						
TYPE	WIDTH	THICKNESS	MIN EMBED BELOW LOWEST PAD GRADE	LONG REINF	TRANS REINF	DETAIL
I2	2'-0"	1'-0"	SEE NOTE 16	(3) #4 @ TOP (3) #4 @ BOT	#3 @ 24" OC	13/S-312
I3	3'-0"	1'-0"	SEE NOTE 16	(4) #4 @ TOP (4) #4 @ BOT	#3 @ 24" OC	13/S-312

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

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

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CONSULTANT

AGENCY

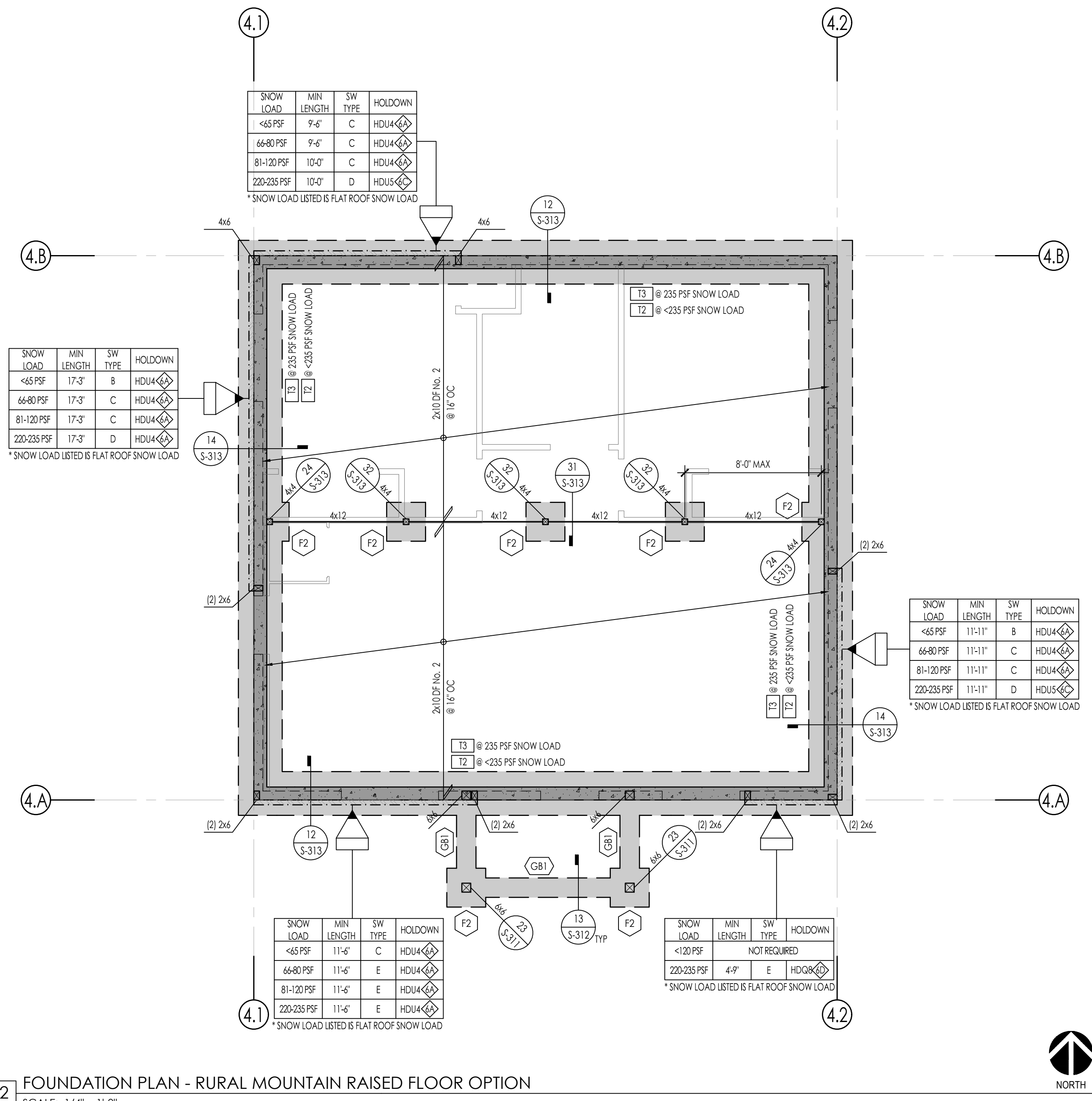
**MONO COUNTY ADU
PROTOTYPES**
MONO COUNTY
FOUNDATION PLANS -
RURAL MOUNTAIN

CONSTRUCTION DOCUMENTS

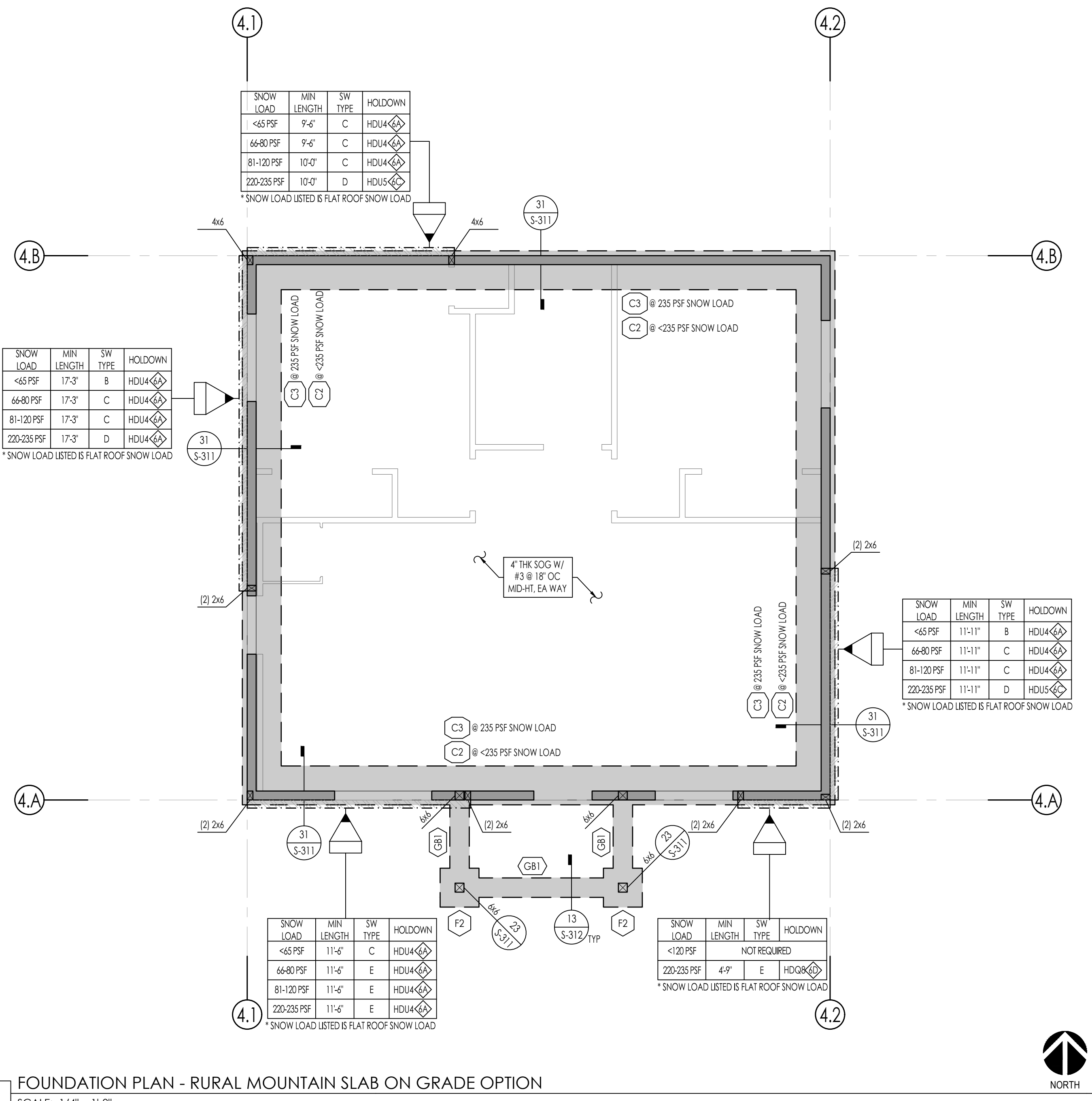
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2 FOUNDATION PLAN - RURAL MOUNTAIN RAISED FLOOR OPTION
SCALE: 1/4" = 1'-0"



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)
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- ALL BOLT HOLES IN WOOD MEMBERS, SHALL BE DRILLED A MAXIMUM OF 1/16" OVERSIZED. INSPECTOR TO VERIFY.
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- 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

- INDICATES SHEAR WALL TYPE AND LENGTH. SEE SCHEDULE ON 13/S-402
- INDICATES CONCRETE WALL PER DETAIL 22/S-311

SCHEDULES

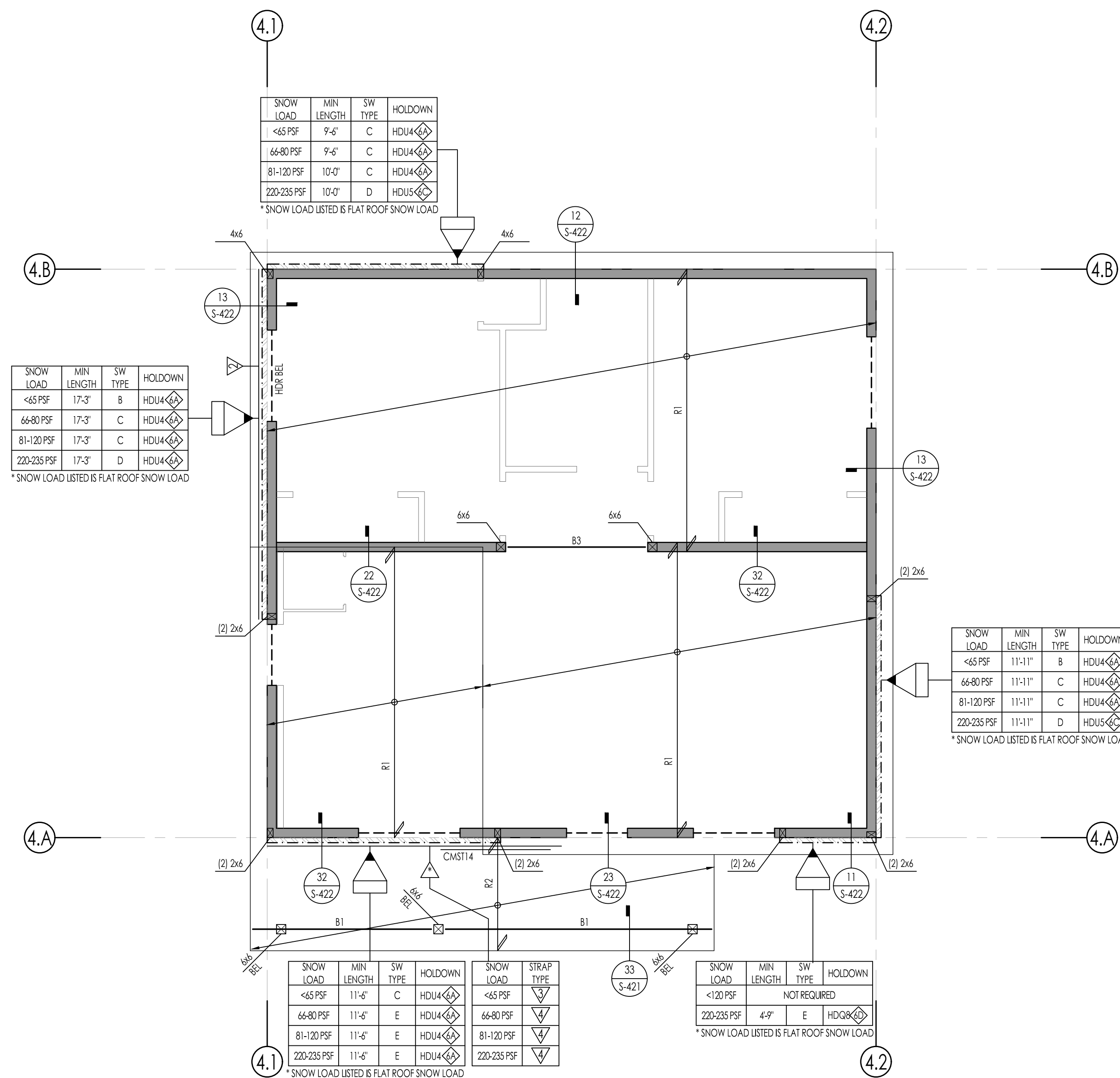
HOLD-DOWN SCHEDULE		CONTINUOUS FOOTING SCHEDULE				GRADE BEAM SCHEDULE									
SPECIFIES HOLD-DOWN/STRAP DETAIL	INDICATES HOLD-DOWN/STRAP TYPE	MARK	WIDTH	MIN EMBED BELOW LOWEST PAD GRADE	LONG REINF	TRANS REINF	DETAIL	TYPE	WIDTH	THICKNESS	MIN EMBED BELOW LOWEST PAD GRADE	LONG REINF	TRANS REINF	DETAIL	
HD	INDICATES SIMPSON SSB HOLD-DOWN TO: CONC FOUNDATION; CONC STEM WALL:	C2	2'-0"	SEE NOTE 16	(3) #5 T&B	#3 @ 12" OC, BOT	31/S-311	GB1	1'-0"	1'-0"	SEE NOTE 16	(2) #4 @ TOP (2) #4 @ BOT	#3 @ 24" OC	13/S-312	
HT	INDICATES SIMPSON SB HOLD-DOWN TO: CONC FOUNDATION; CONC STEM WALL:	C3	3'-0"	SEE NOTE 16	(4) #5 T&B	#3 @ 12" OC, BOT	31/S-311	F2	2'-0"	2'-0"	1'-6"	SEE NOTE 16	(3) #5, EW	(3) #5, EW	11/S-312
		T2	2'-0"	1'-0"	SEE NOTE 16	(3) #4 @ TOP (3) #4 @ BOT	#3 @ 24" OC	F3.5	3'-6"	3'-6"	1'-6"	SEE NOTE 16	(4) #5, EW	(4) #5, EW	11/S-312
		T3	3'-0"	1'-0"	SEE NOTE 16	(4) #4 @ TOP (4) #4 @ BOT	#3 @ 24" OC								

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

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CONSULTANT

AGENCY



1 ROOF FRAMING 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 B
REFER TO 12/-403
- ALL LINES AND/OR MEMBERS INDICATED AS 'STRU' SHALL RECEIVE (2) ROWS OF BOUNDARY NAILING (BN), STGR.
- TRUSS MEMBERS AND COMPONENTS SHALL NOT BE CUT, NOTCHED, DRILLED OR OTHERWISE ALTERED IN ANY WAY WITHOUT WRITTEN CONCURRENCE AND APPROVAL OF A REGISTERED DESIGN PROFESSIONAL.
- ALTERATIONS RESULTING IN THE ADDITION OF LOADS TO ANY MEMBER (E.G. HVAC EQUIPMENT, WATER HEATER) SHALL NOT BE PERMITTED WITHOUT VERIFICATION THAT THE TRUSS IS CAPABLE OF SUPPORTING SUCH ADDITIONAL LOADING.
- 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.
- ALL 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) 2x10 @ 16" OC	
	66-80 PSF	(2) 2x10 @ 16" OC	
	81-120 PSF	(2) 2x12 @ 16" OC	
R2	220-235 PSF	(2) 1 3/4" x 14" LVL @ 16" OC	
	<235 PSF	2x6 @ 16" OC	
	235 PSF	2x8 @ 16" OC	

BEAM SCHEDULE			
MARK	SNOW LOAD	SIZE	REMARKS
B1	<80 PSF	6x10	
	81-120 PSF	6x12	
	121-235 PSF	6x14	
B2	<80 PSF	6x6	
	81-235 PSF	6x8	
B3	<80 PSF	6x8	
	81-120 PSF	6x10	
	121-235 PSF	6x12	

**MONO COUNTY ADU
PROTOTYPES**
MONO COUNTY

ROOF PLANS - HIGH DESERT

NO.	REVISION	DATE
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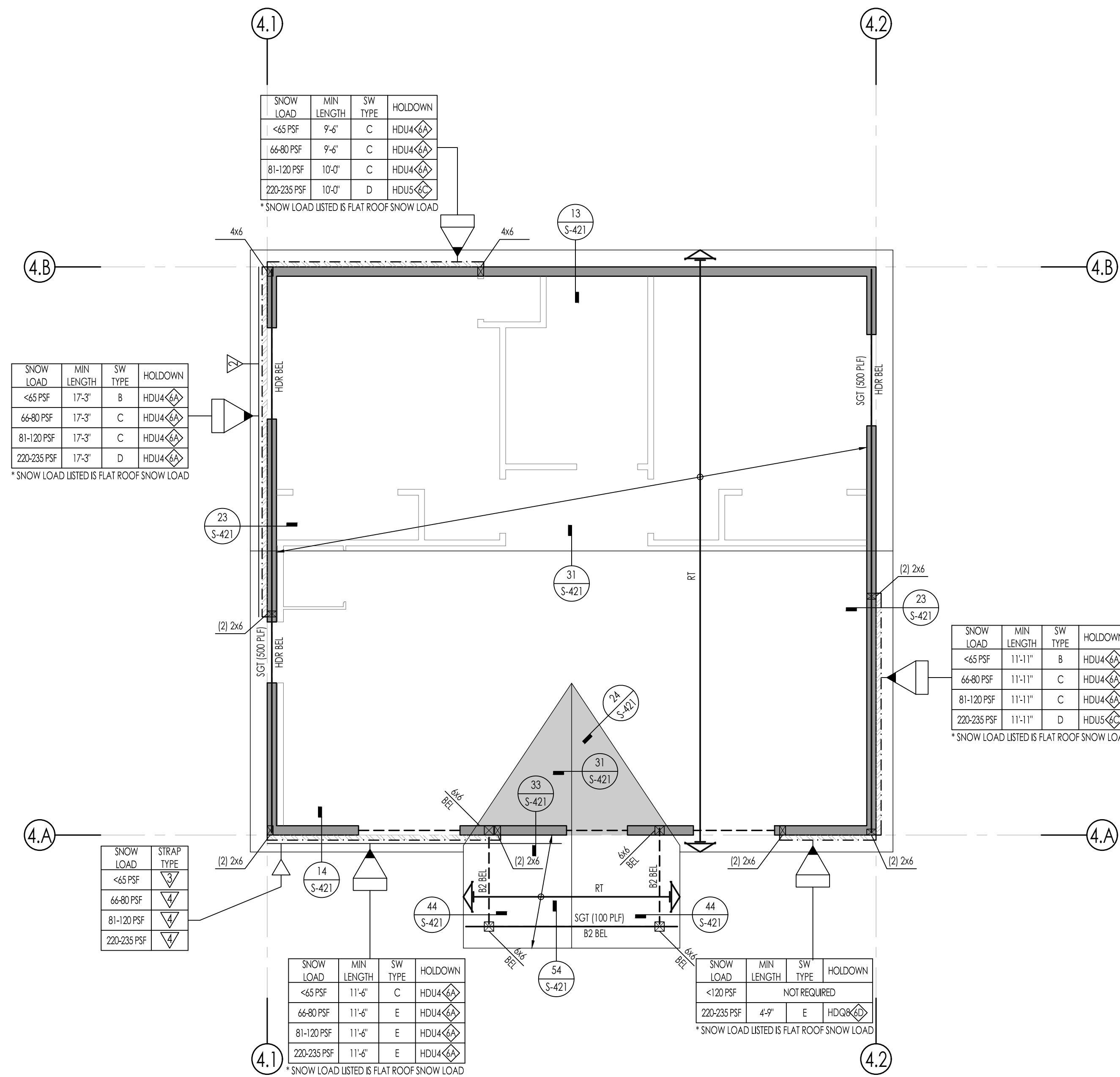
PROJECT MANAGER
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DRAWN BY
A. LOPEZ
CHECKED BY
M. DOREMUS
DATE
AUGUST 18, 2022
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SHEET

S4-202A

CONSTRUCTION DOCUMENTS

CONSULTANT

AGENCY



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
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- REFER TO THE FOLLOWING SHEETS FOR TYPICAL DETAILS:

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- SEE ARCHITECTURAL DRAWINGS FOR ALL TOP OF SHEATHING AND TOP OF WALL ELEVATIONS.
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- 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
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REFER TO 12/-403
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- 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.G.
- 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.
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- ALL LUMBER EXPOSED TO THE ELEMENTS SHALL BE SELECT STRUCTURAL GRADE.
- SHEARWALL CONSTRUCTION, HOLD-DOWNS, 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 (X) 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

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

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	
SCT	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 LIGHT FRAME SHEAR WALLS, OR PORTIONS THEREOF, DRAG MEMBERS SHALL BE DESIGNED TO RESIST FORCES USING THE LOAD COMBINATIONS OF ASCE 7-16 SECTION 12.4.2.3 IN ALL OTHER STRUCTURES DRAGS SHALL INCLUDE THE EFFECT OF OVER STRENGTH PER ASCE 7-16 12.4.3.2

CONSTRUCTION DOCUMENTS

MONO COUNTY ADU PROTOTYPES
MONO COUNTY

ROOF PLANS - RURAL MOUNTAIN

NO.	REVISION	DATE

PROJECT MANAGER
J. MEADOWS

DRAWN BY
A. LOPEZ

CHECKED BY
M. DOREMUS

DATE
AUGUST 18, 2022

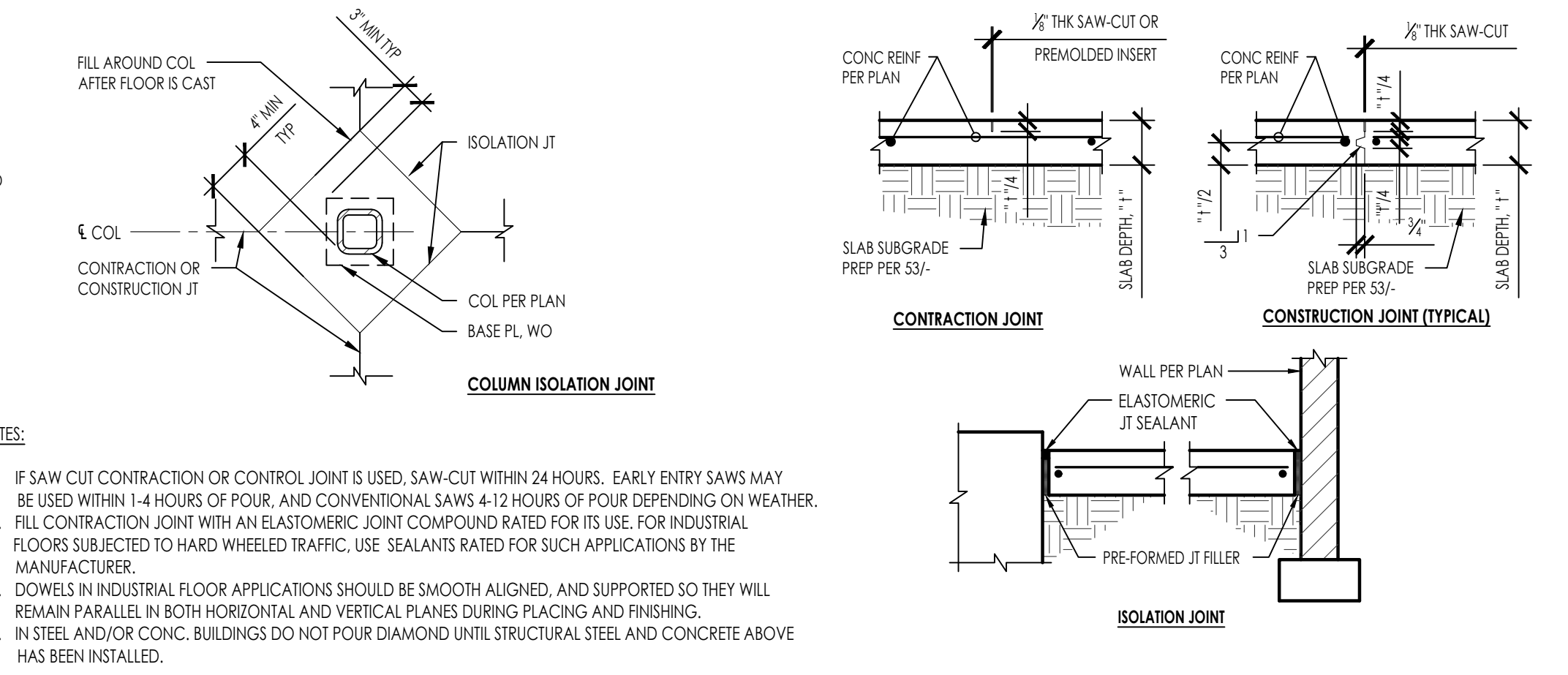
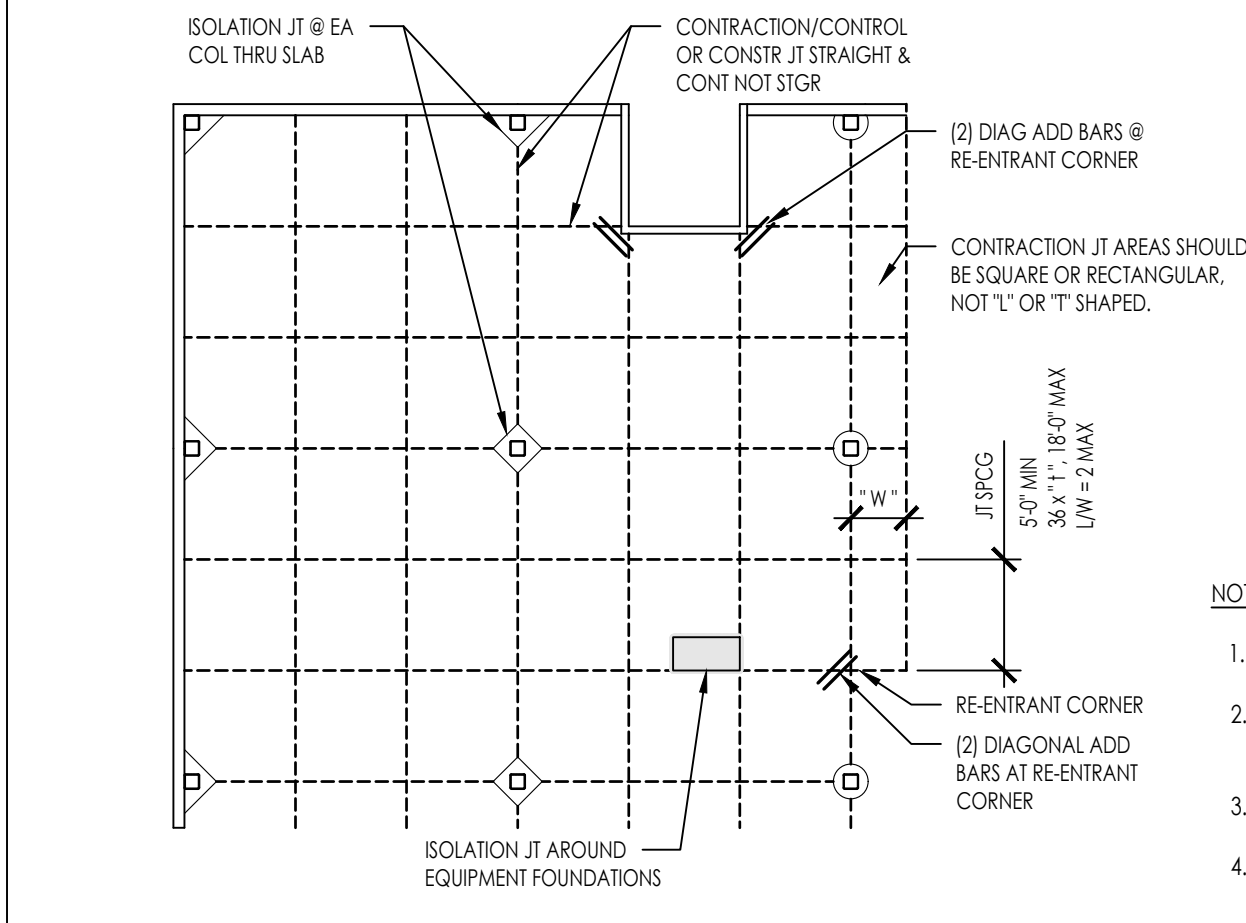
PROJECT NUMBER
2340-01-CU21

SHEET
S4-202B

REINFORCING TENSION DEVELOPMENT LENGTH AND LAP SPICE SCHEDULE

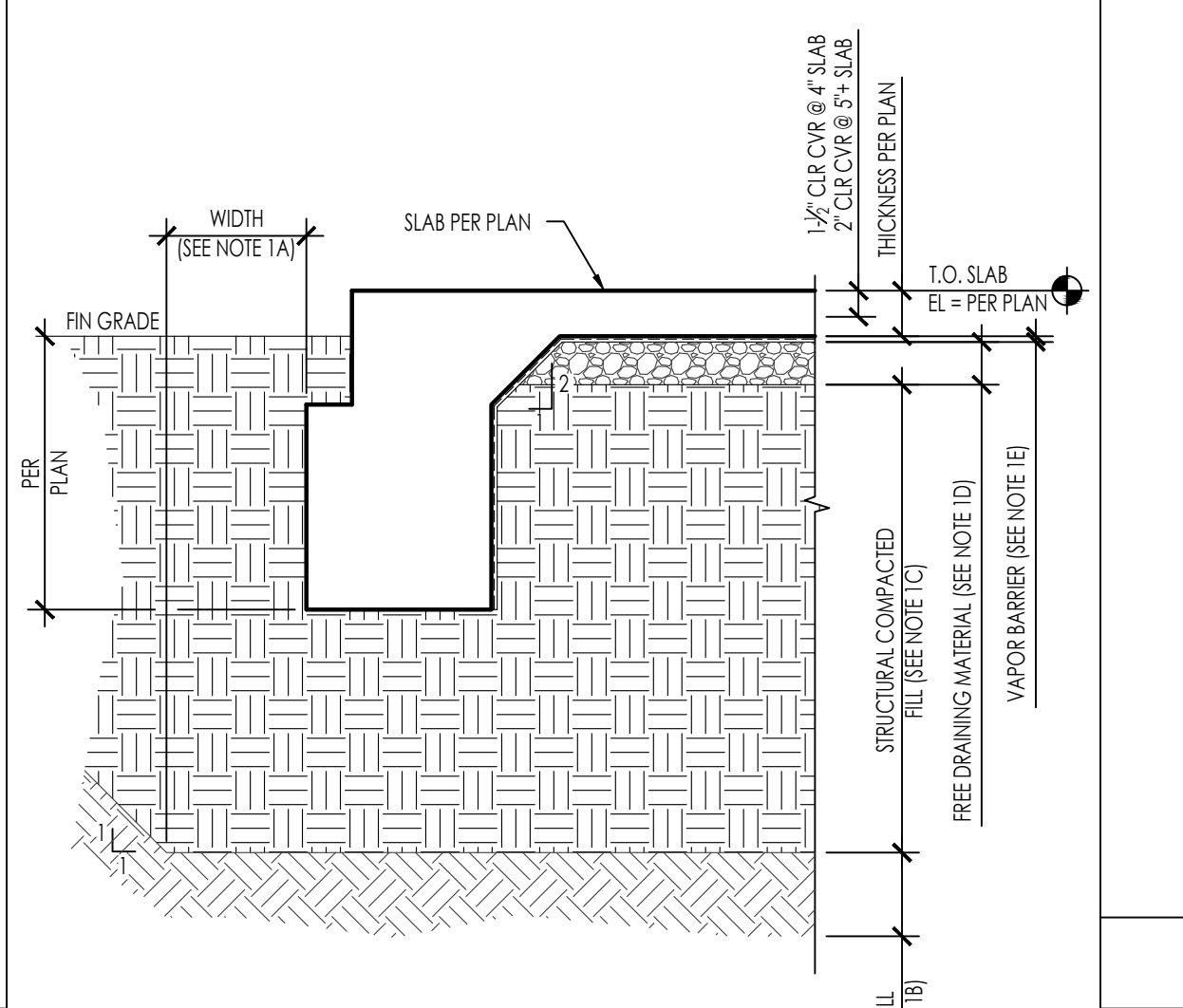
BAR SIZE	DEVELOPMENT LENGTH l_d (CLASS A LAP SPICE)			LAP SPICE l_s (CLASS B LAP SPICE)		
	2,500	3,000	4,000	2,500	3,000	4,000
#3	1'-6"	1'-5"	1'-3"	2'-0"	1'-10"	1'-7"
#4	2'-0"	1'-10"	1'-7"	2'-8"	2'-5"	2'-1"
#5	2'-6"	2'-4"	2'-0"	3'-3"	3'-0"	2'-7"
#6	3'-0"	2'-9"	2'-5"	3'-11"	3'-7"	3'-2"
#7	4'-5"	4'-0"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



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

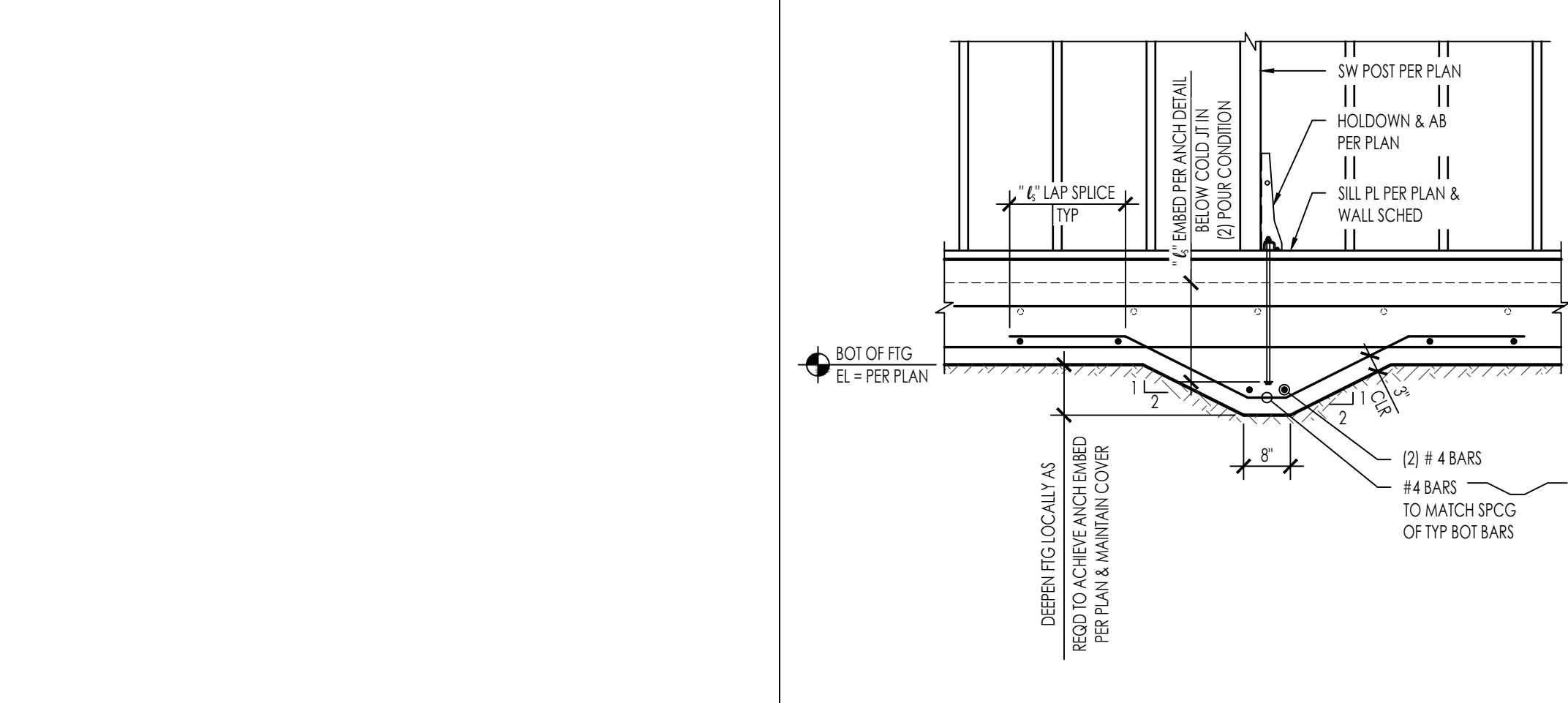
SLAB ON GRADE JOINTS
2340-01-CU21 - S301 - 31



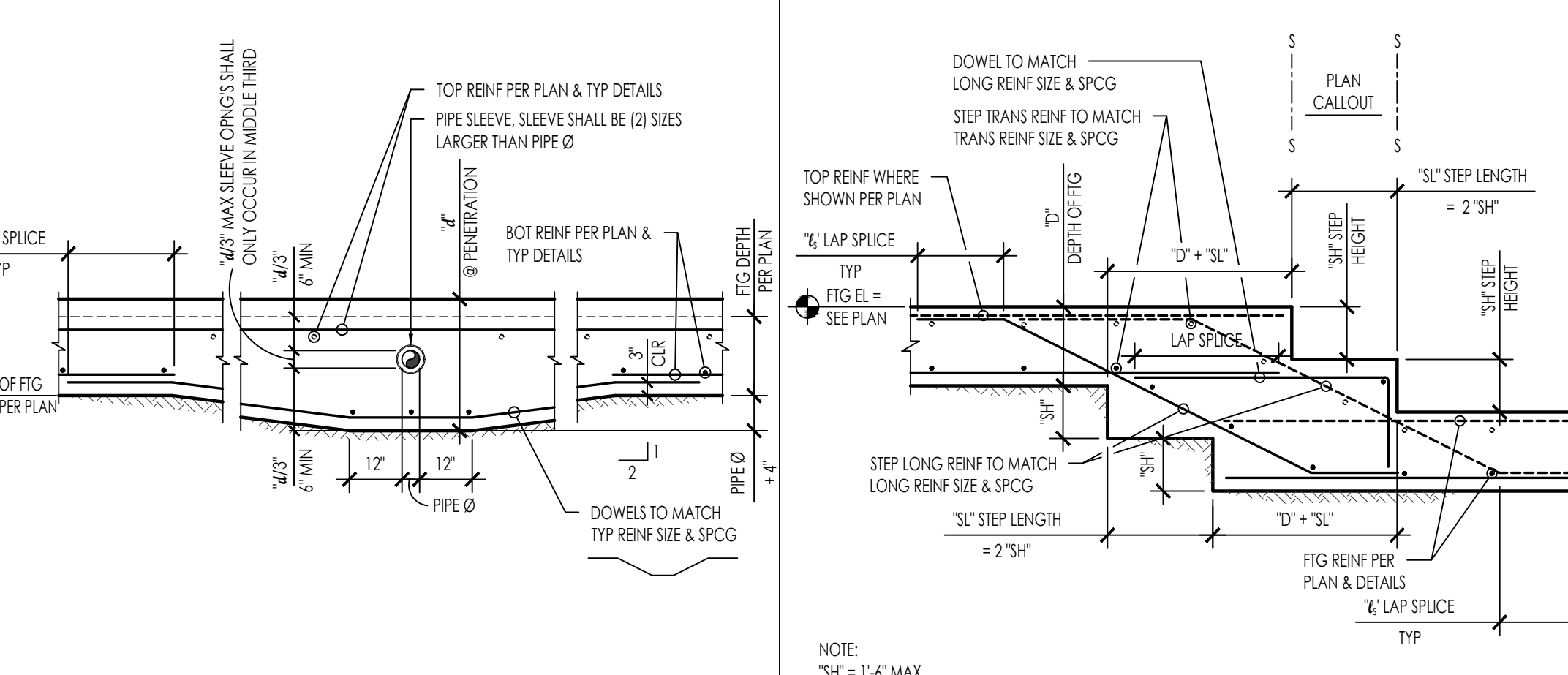
- NOTES:
- PREPARATION OF THE SLAB SUBGRADE SHALL BE BASED ON THE FOLLOWING:
 - OVER-EXCAVATION SHALL EXTEND 5 FEET BEYOND PERIMETER FOUNDATION, TO PROPERTY LINES OR EXISTING IMPROVEMENTS, WHICHEVER IS LEAST.
 - NATIVE MATERIALS
 - SHALL BE OVER-EXCAVATED 30" BELOW (E) GRADE OR 12" BELOW BOTTOM OF FOOTINGS, TO COMPETENT MATERIAL, OR TO 1/2 THE DEPTH OF THE DEEPEST FILL (MEASURED FROM THE BOTTOM OF THE DEEPEST FOOTING); WHICHEVER IS GREATEST.
 - THE EXPOSED SURFACE SHALL BE SCARIFIED TO A DEPTH OF 6", MOISTURE CONDITIONED AND COMPACTED TO A MINIMUM RELATIVE DENSITY OF 90 PERCENT (ASTM D1557)
 - ENGINEERED COMPACTED FILL
 - ANY IMPORT MATERIAL SHALL BE NON-EXPANSIVE MATERIAL.
 - STRUCTURAL FILL SHALL BE PLACED IN HORIZONTAL LAYERS, EACH APPROXIMATELY 8" THICK BEFORE COMPACTION, AND COMPACTED TO A MINIMUM RELATIVE DENSITY OF 90 PERCENT (ASTM D1557)
 - 4" THICK, CLEAN FREE-DRAINING MATERIAL SUCH AS 1/2" COARSE AGGREGATE
 - REFER TO ARCH DRAWINGS FOR VAPOR BARRIER. INSTALL PER MANUFACTURER'S RECOMMENDATIONS FOR SEALING OF PENETRATIONS, JOINTS AND EDGES.
 - VAPOR BARRIER IS NOT TO BE PUNCTURED DURING CONSTRUCTION OF SLAB ON GRADE.
 - 2" THICK OPTIONAL SAND LAYER, SHALL BE LIGHTLY MOISTENED PRIOR TO PLACING CONCRETE.

SLAB ON GRADE EDGE AND SUBGRADE PREP
2340-01-CU21 - S301 - 33

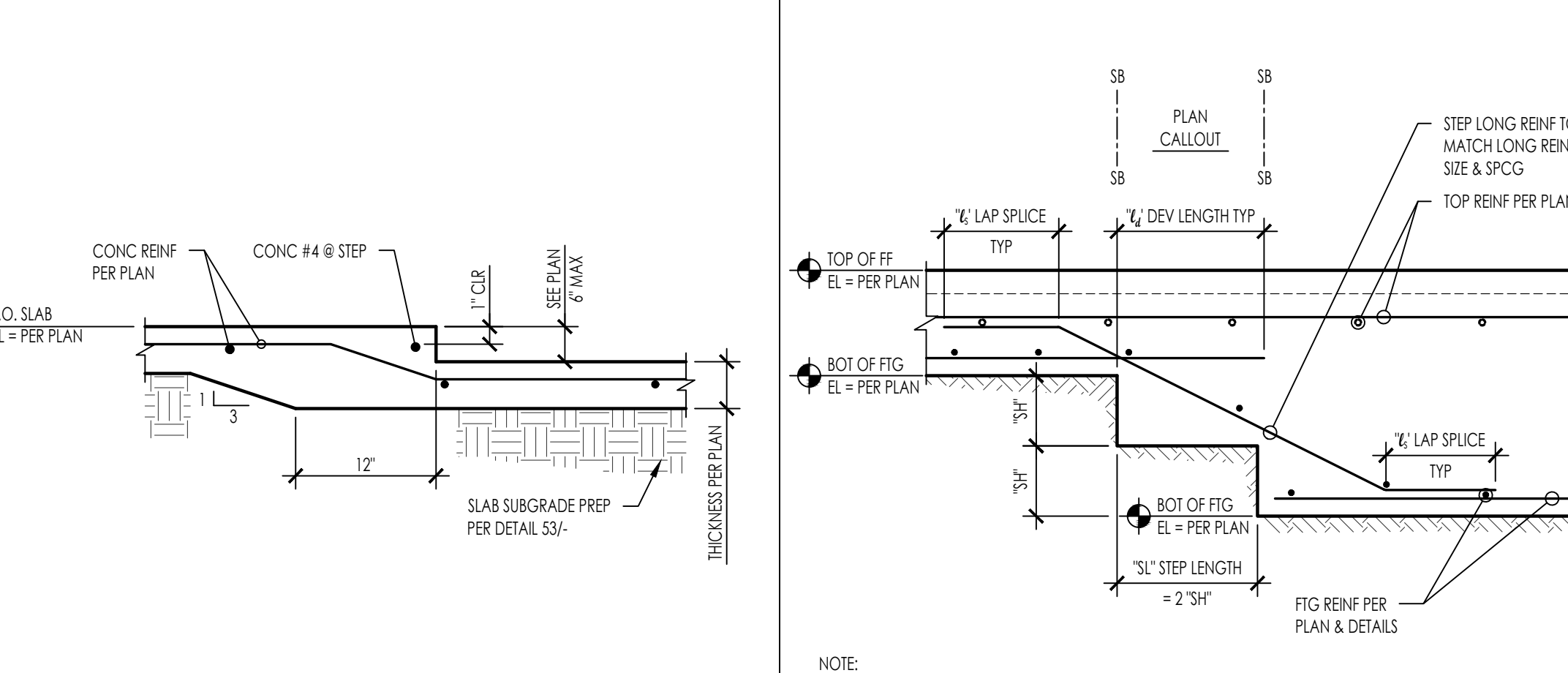
NTS 31



NTS 42



NTS 43

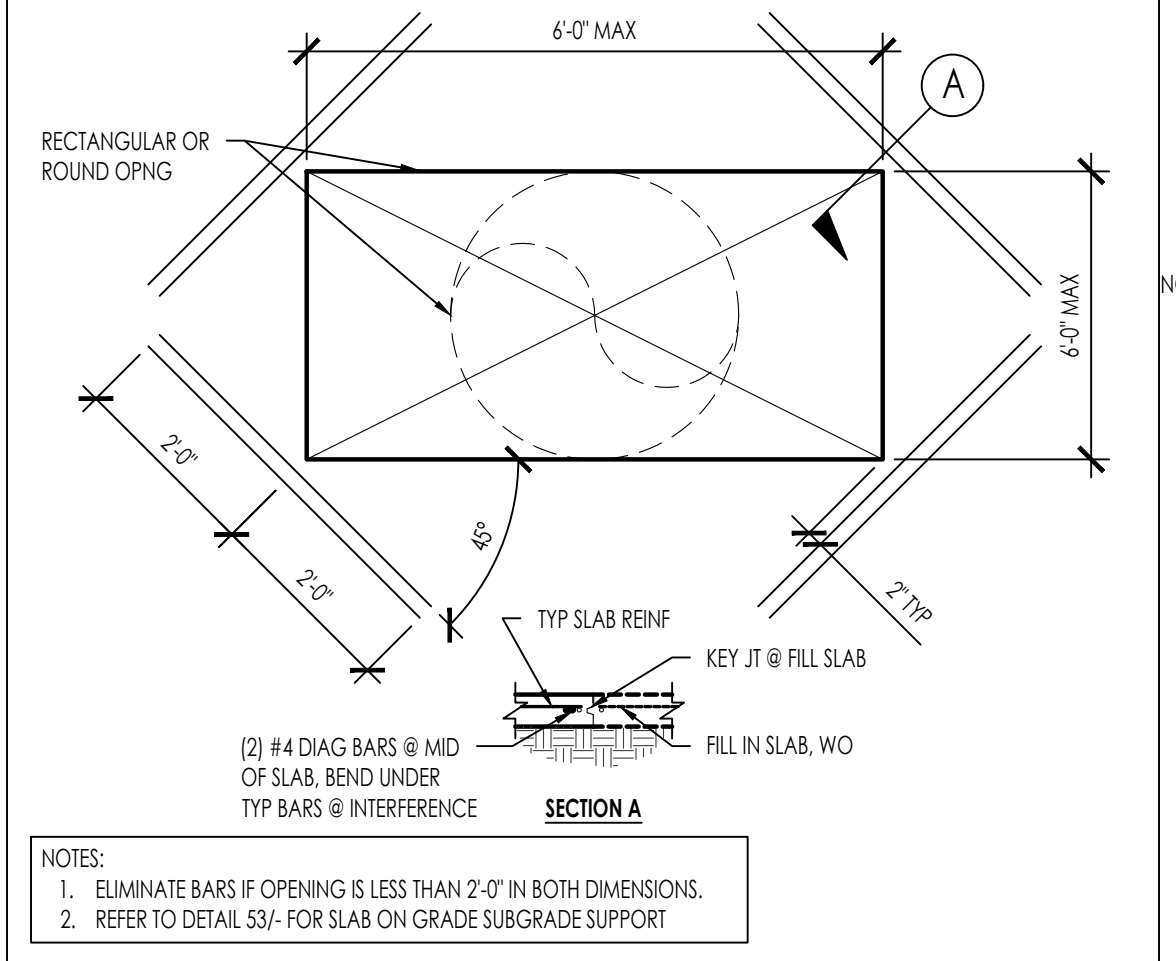


NTS 44

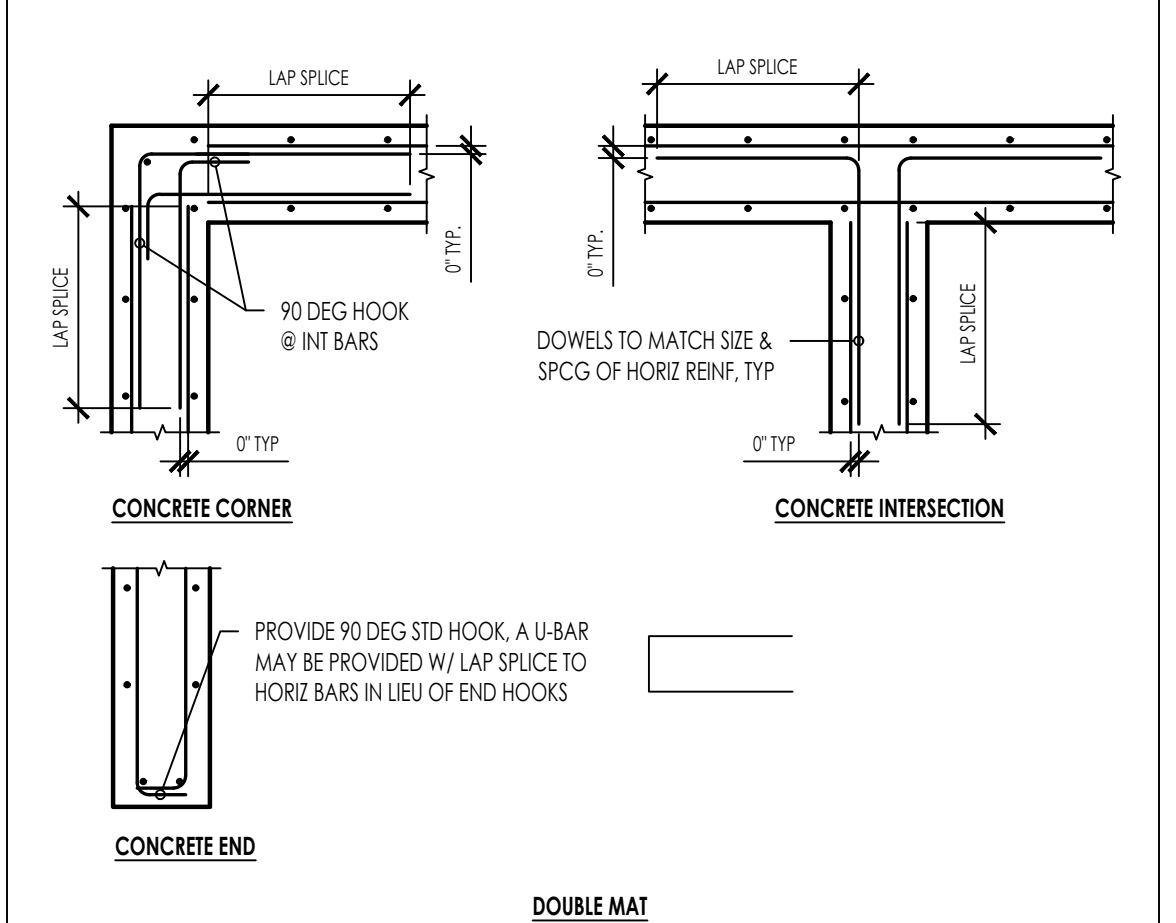


NTS 54

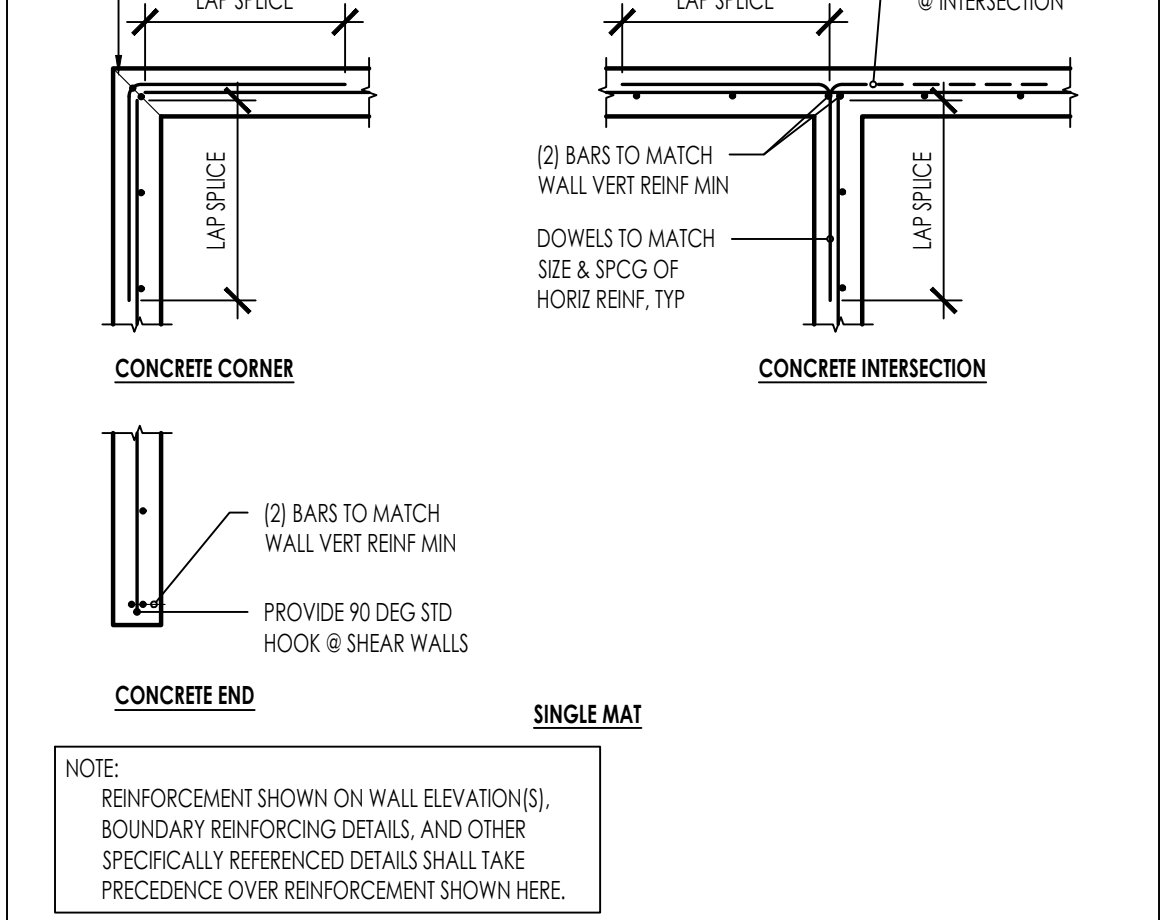
REINF TIES AND STIRRUPS
2340-01-CU21 - S301 - 21



NTS 22

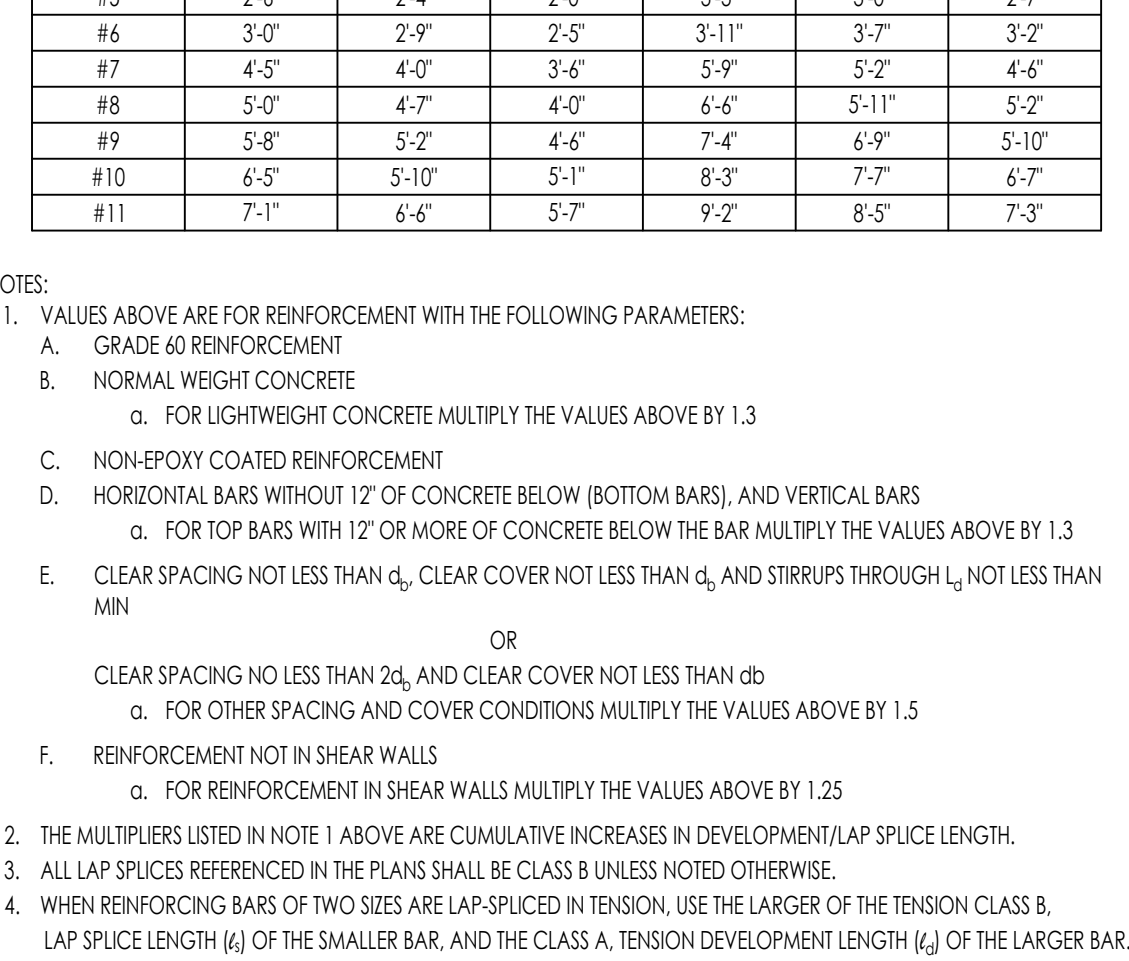


NTS 33

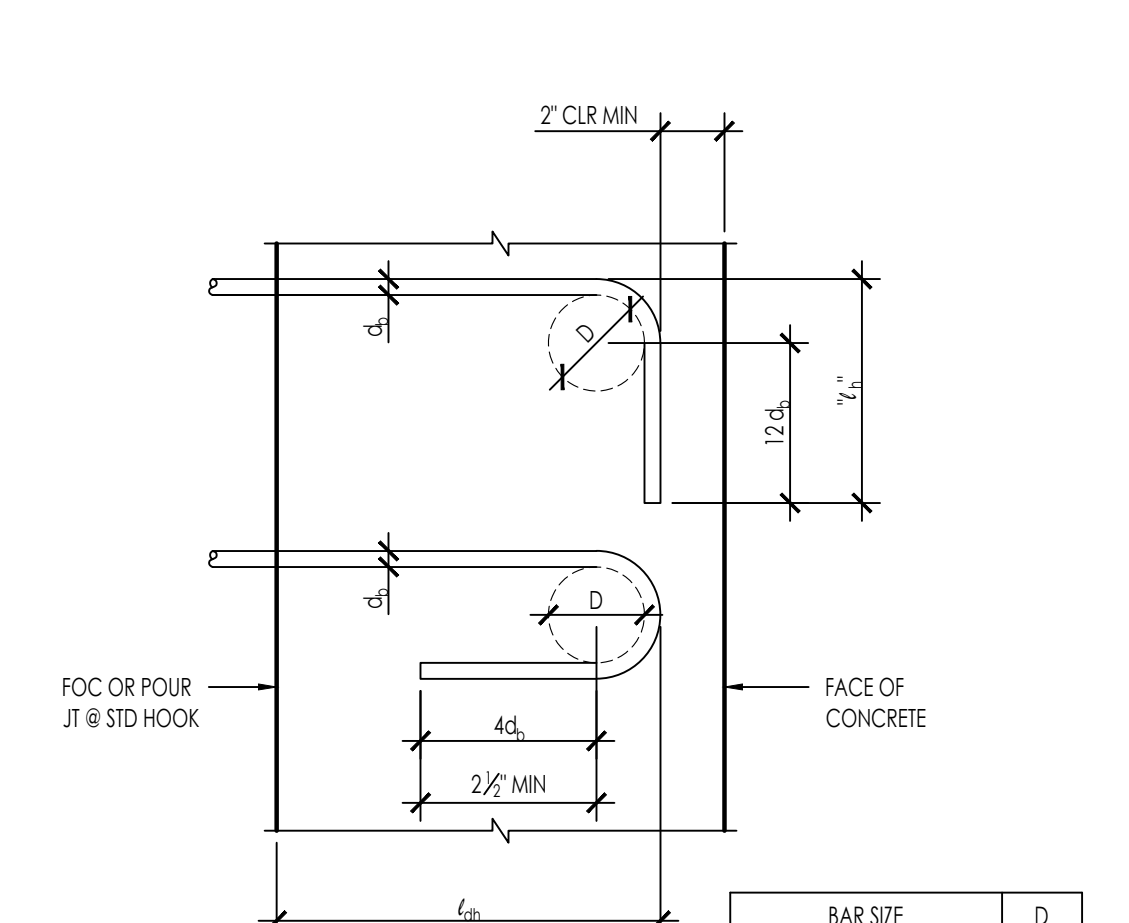


NTS 24

NTS 21



NTS 12



NTS 14

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"

NTS 14

MONO COUNTY ADU PROTOTYPES
MONO COUNTY
TYPICAL CONCRETE DETAILS

NO.	REVISION	DATE

PROJECT MANAGER
J. MEADOWS
DRAWN BY
A. LOPEZ
CHECKED BY
M. DOREMUS
DATE
AUGUST 18, 2022
PROJECT NUMBER
2340-01-CU21
SHEET

NTS 14

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CONSULTANT

AGENCY

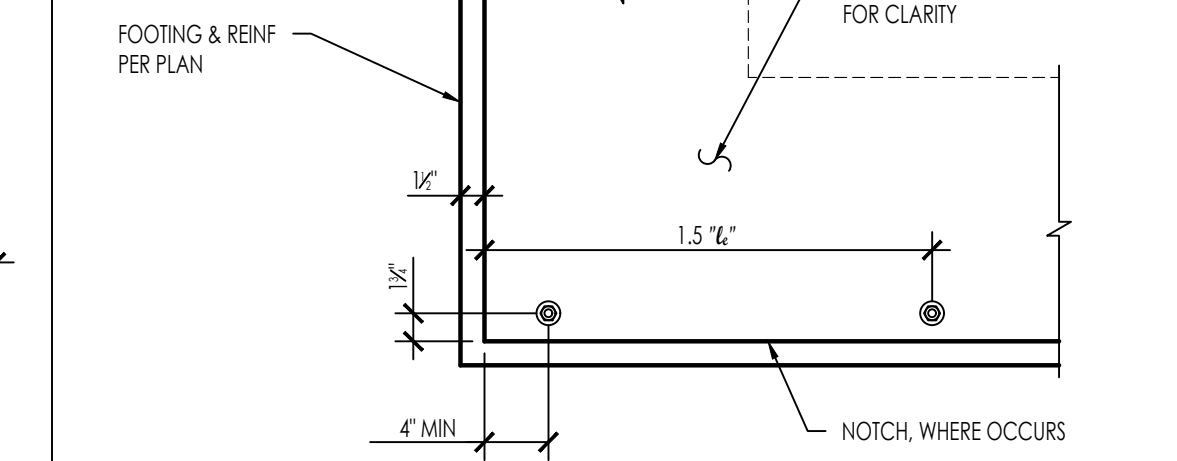
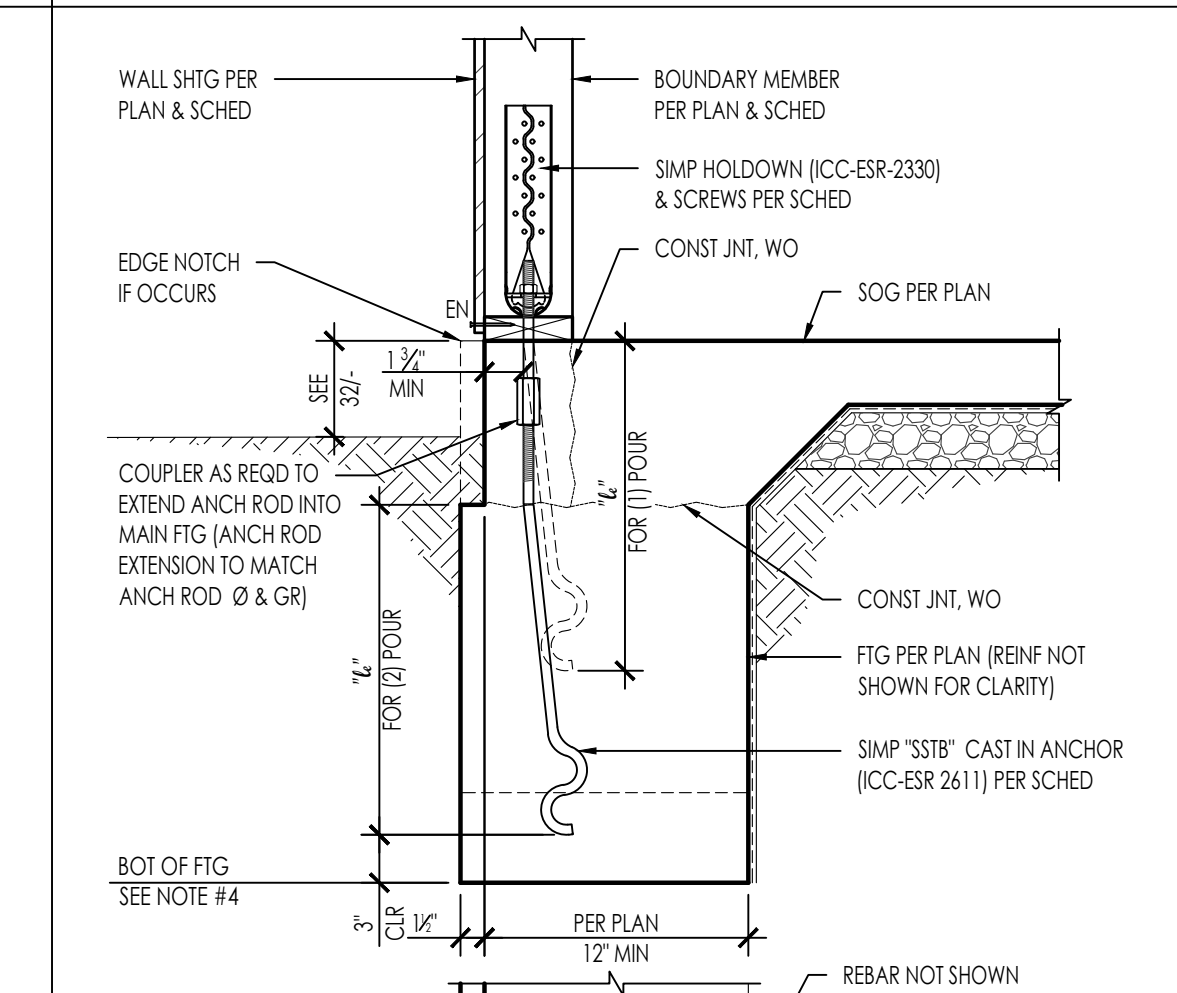
MONO COUNTY ADU PROTOTYPES
 MONO COUNTY
CONCRETE DETAILS

CONSTRUCTION DOCUMENTS

NO.	REVISION	DATE

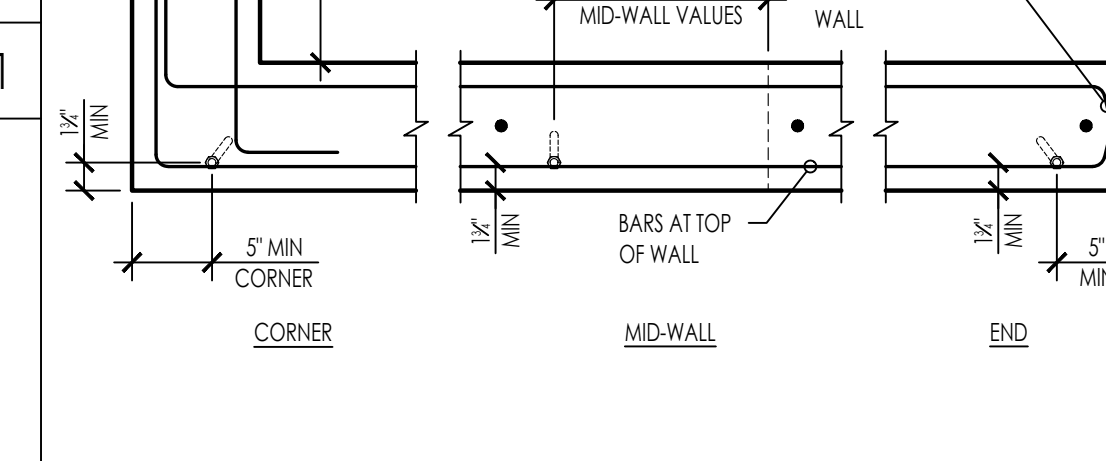
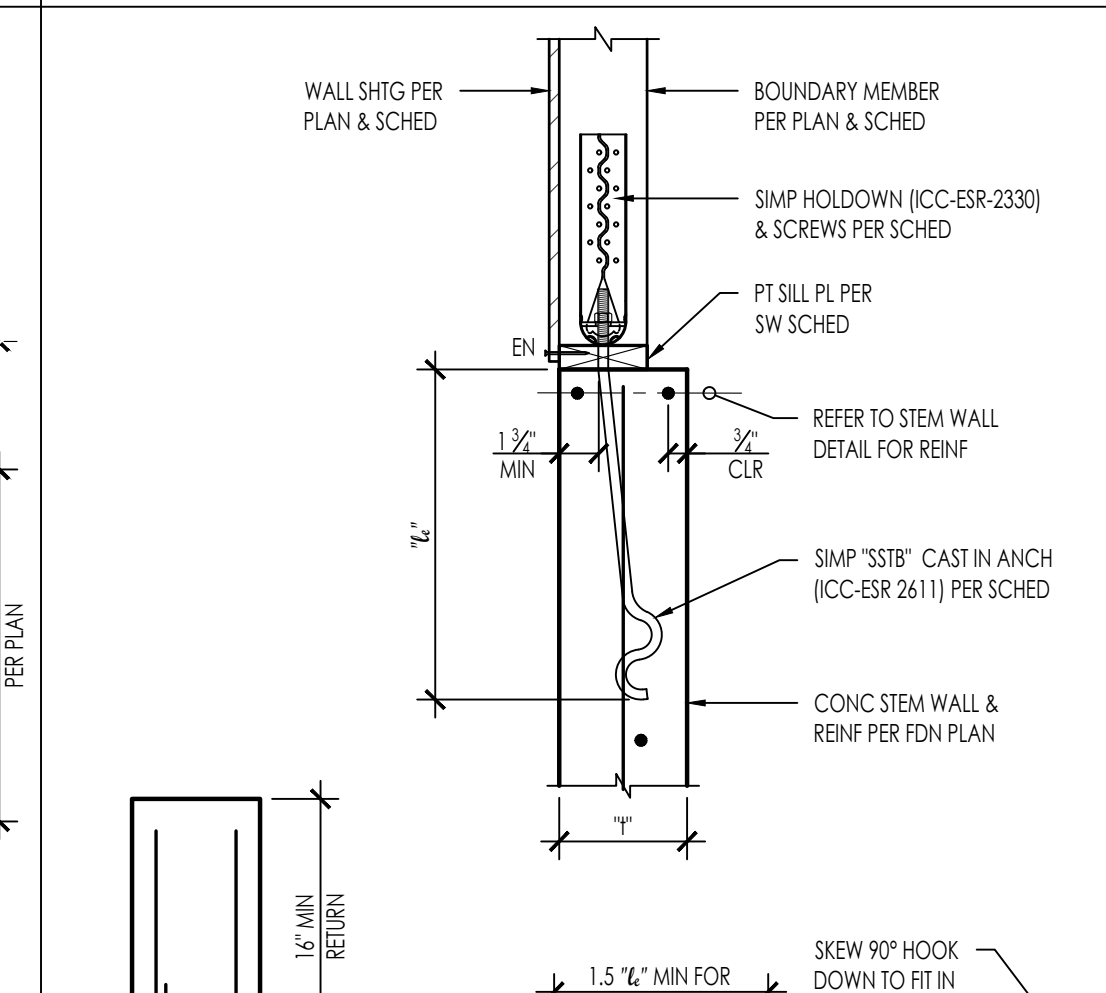
PROJECT MANAGER
 J. MEADOWS
DRAWN BY
 A. LOPEZ **CHECKED BY**
 M. DOREMUS
DATE
 AUGUST 18, 2022
PROJECT NUMBER
 2340-01-CU21
SHEET

S-311



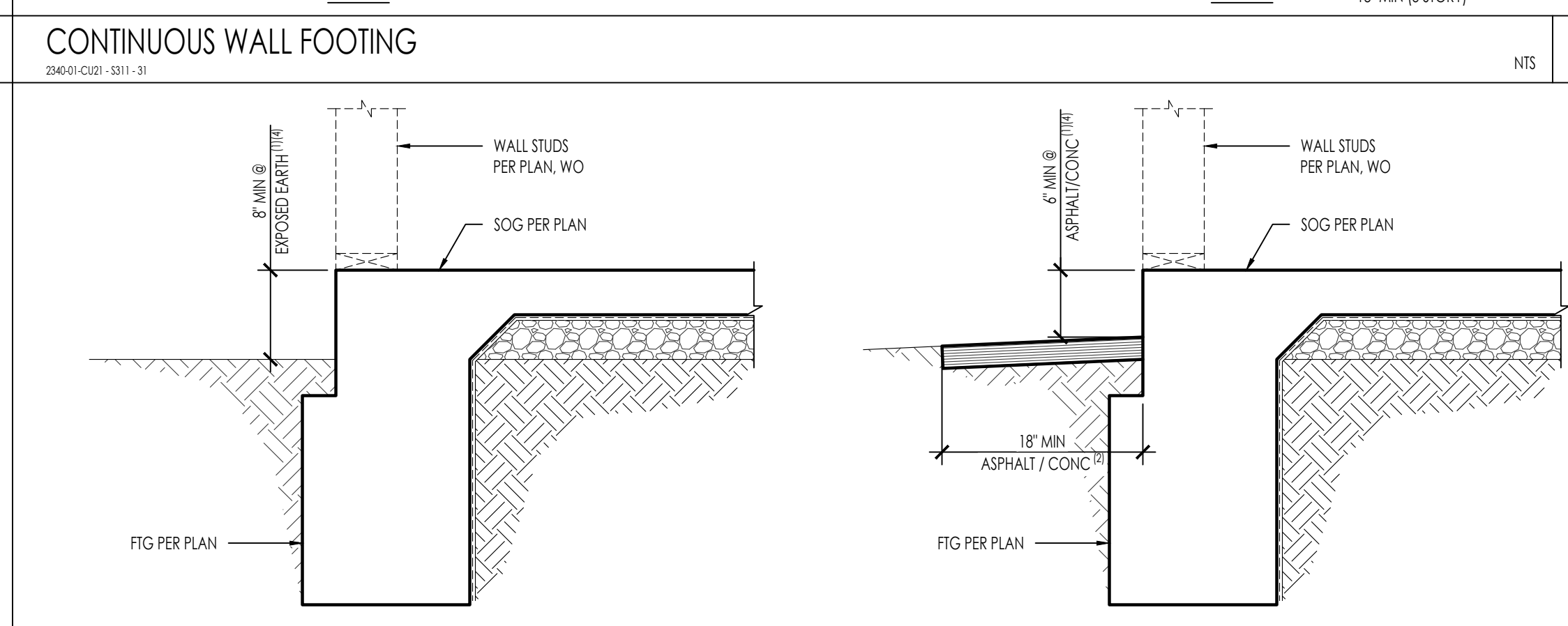
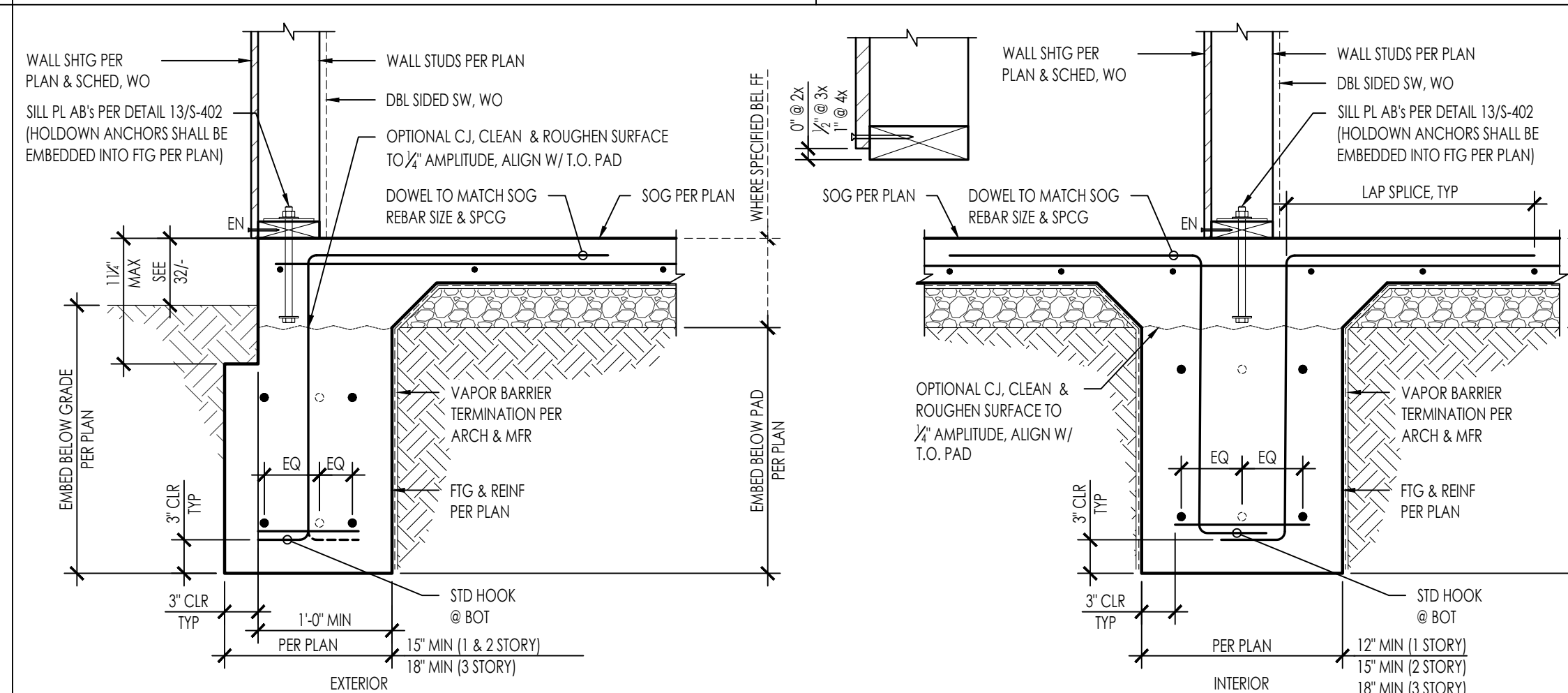
TYPE	HOLDOWN	ANCHOR	DIA (IN)	FASTENERS	BOUNDARY MEMBER MIN THICKNESS (IN)	MIN EMBED (IN)	ALLOWABLE LOADS (KIP)		
							CORNER	MIDWALL	END
6A	HDU4-SDS2.5	SS1B16	1/2	10-SDS 1/2" x 2 1/2"	3	12 3/4	2,550	2,550	2,550
6B	HDU4-SDS2.5	SS1B20	3/4	14-SDS 1/2" x 2 1/2"	3	16 3/4	2,960	3,145	2,960
6C	HDU4-SDS2.5	SS1B24	1	14-SDS 1/2" x 2 1/2"	3	20 3/4	3,325	3,740	3,325
6D	HDU8-SDS2.5	SS1B28	1 1/4	20-SDS 1/2" x 2 1/2"	4 1/2	24 1/4	7,315	7,870*	6,395

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

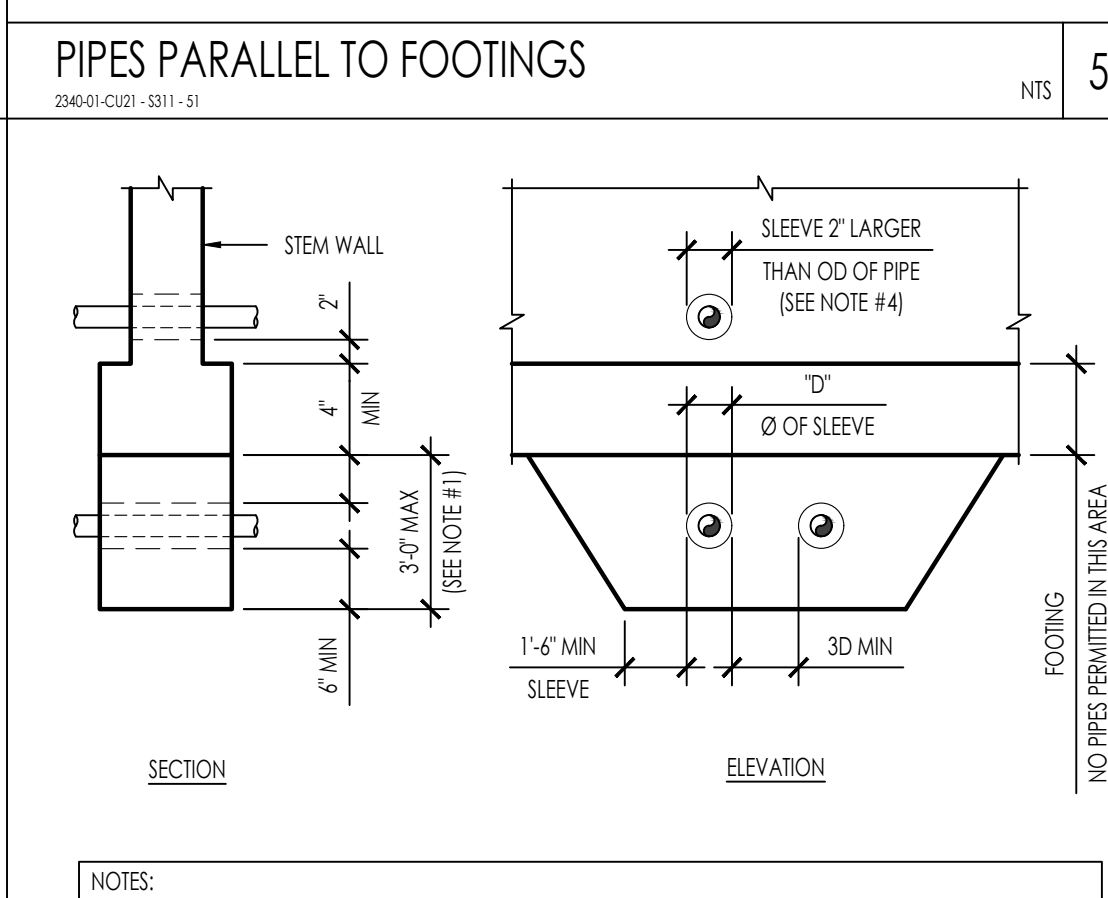
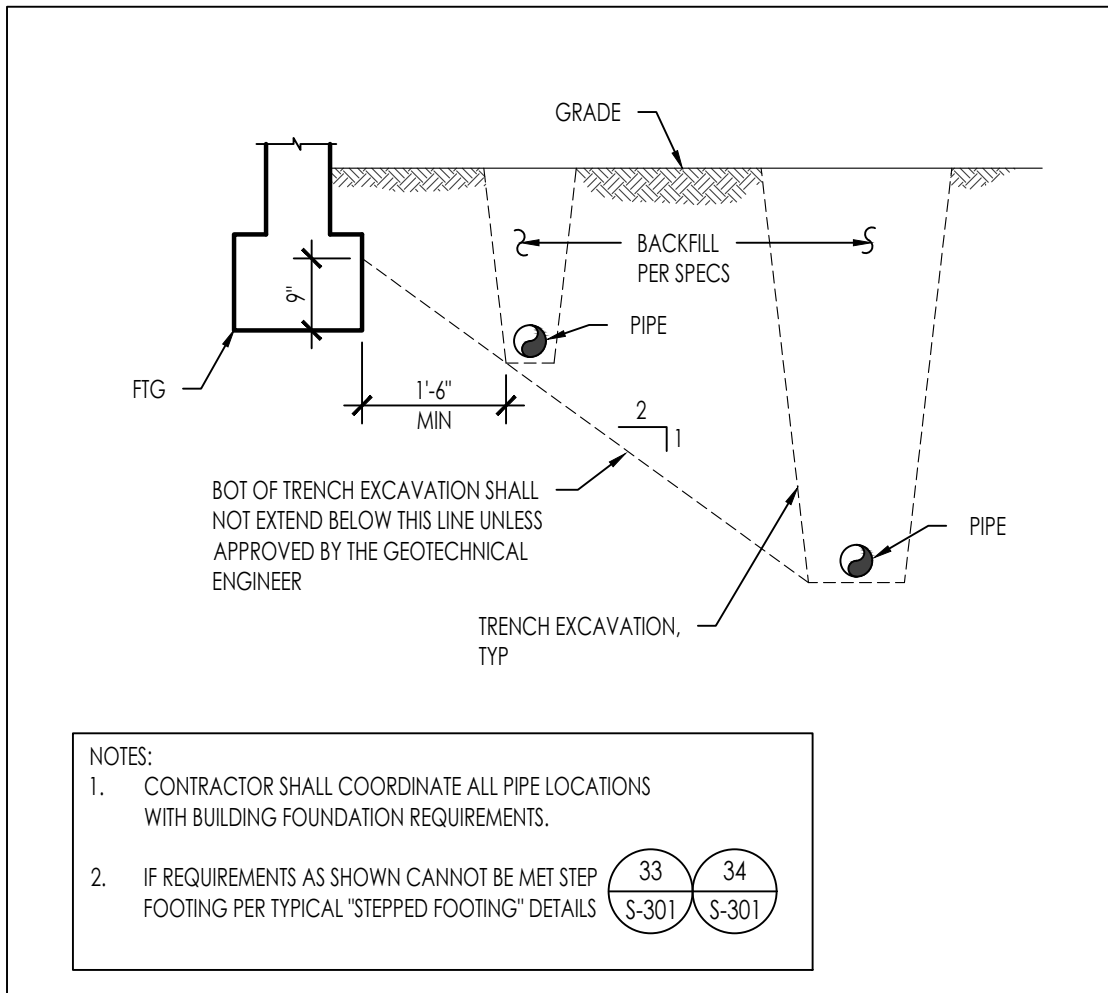


TYPE	HOLDOWN	ANCHOR	MIN STEM WALL WIDTH (1" MIN)	DIA (IN)	FASTENERS	BOUNDARY MEMBER MIN THICKNESS (IN)	MIN EMBED (IN)	ALLOWABLE LOADS (KIP)		
								CORNER	MIDWALL	END
6A	HDU4-SDS2.5	SS1B16	1 1/4	1/2	6-SDS 1/2" x 2 1/2"	3	12 3/4	2,550	2,550	2,550
6B	HDU4-SDS2.5	SS1B20	1 1/4	3/4	10-SDS 1/2" x 2 1/2"	3	16 3/4	2,960	3,145	2,960
6C	HDU4-SDS2.5	SS1B24	1 1/4	1	10-SDS 1/2" x 2 1/2"	3	20 3/4	3,325	3,740	3,325
6D	HDU8-SDS2.5	SS1B28	1 1/4	1 1/4	20-SDS 1/2" x 2 1/2"	4 1/2	24 1/4	7,315	7,870*	6,395

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



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



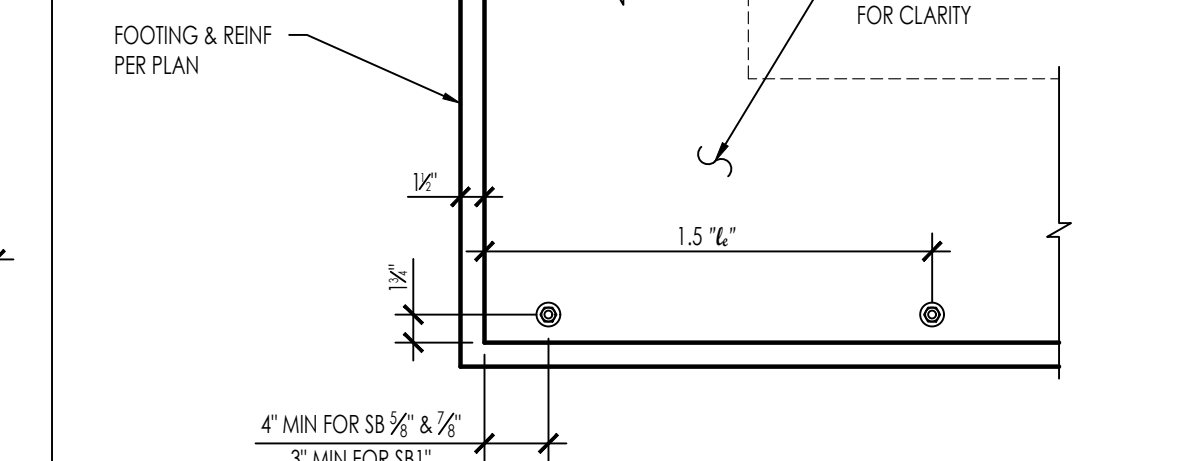
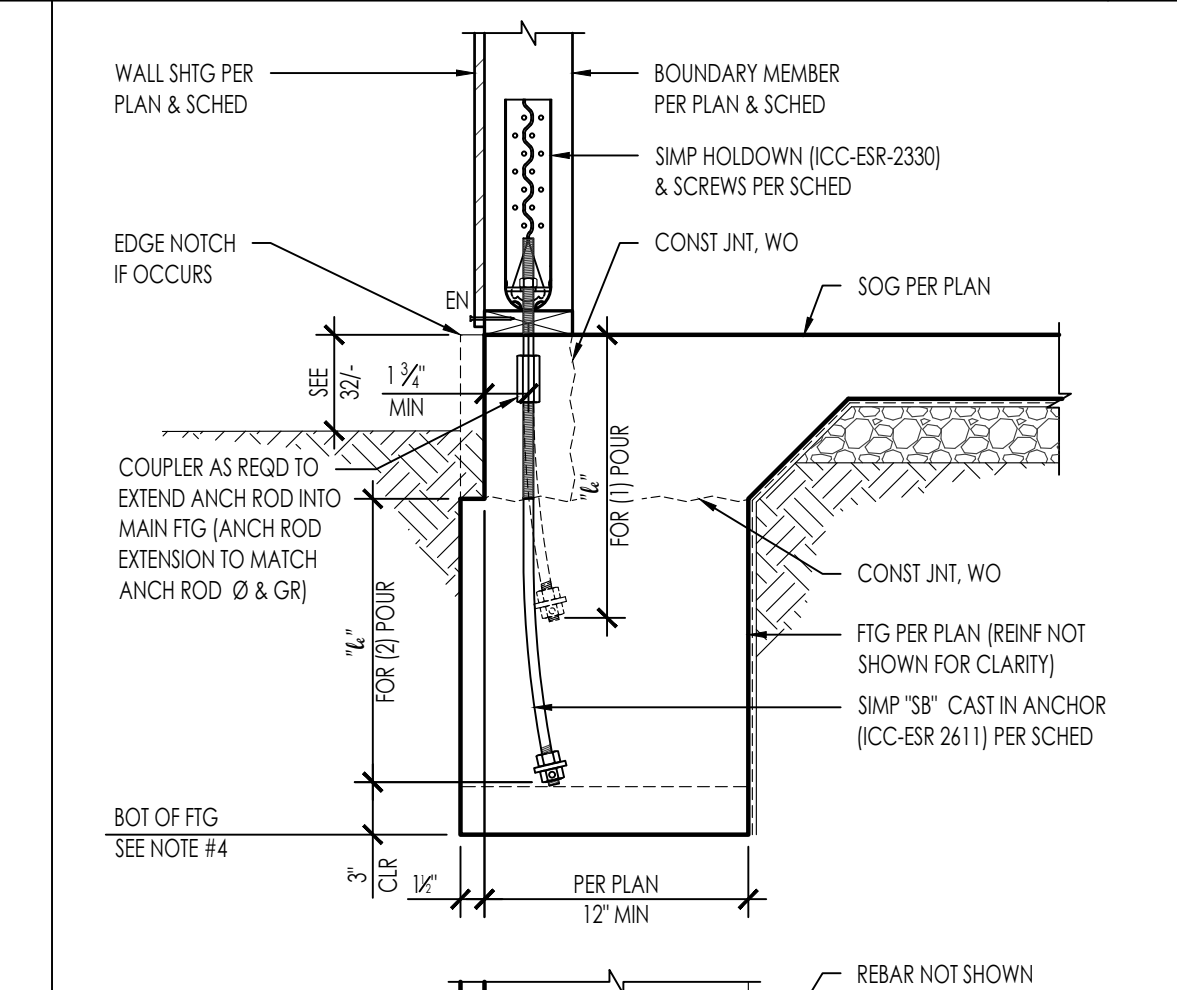
- FOOTINGS SHALL BE STEPPED PER DETAIL 33/ & 34/5-301 SO THAT THIS DIMENSION DOES NOT EXCEED 3'-0"
- CONTRACTOR SHALL COORDINATE ALL PIPE LOCATIONS WITH BUILDING FOUNDATION REQUIREMENTS.
- TRENCH BELOW FOOTING SHALL BE FILLED WITH CONCRETE OR 3-SACK SLURRY BEFORE POURING FOOTING. CONCRETE FILL SHALL BE SAME WIDTH AS FOOTING AND FULL WIDTH OF PIPE TRENCH.
- PIPES MAY BE WRAPPED IN 1" THICK LOOSE FOAM IN LIEU OF SLEEVING.
- CONDUIT MAY BE RUN THRU STEM OR ENCASEMENT UNDER FOOTING WITHOUT SLEEVES OR FOAM WRAP.

SB ANCHOR & HOLDOWN @ FOUNDATION NTS 12

SB ANCHOR & HOLDOWN @ STEM WALL NTS 22

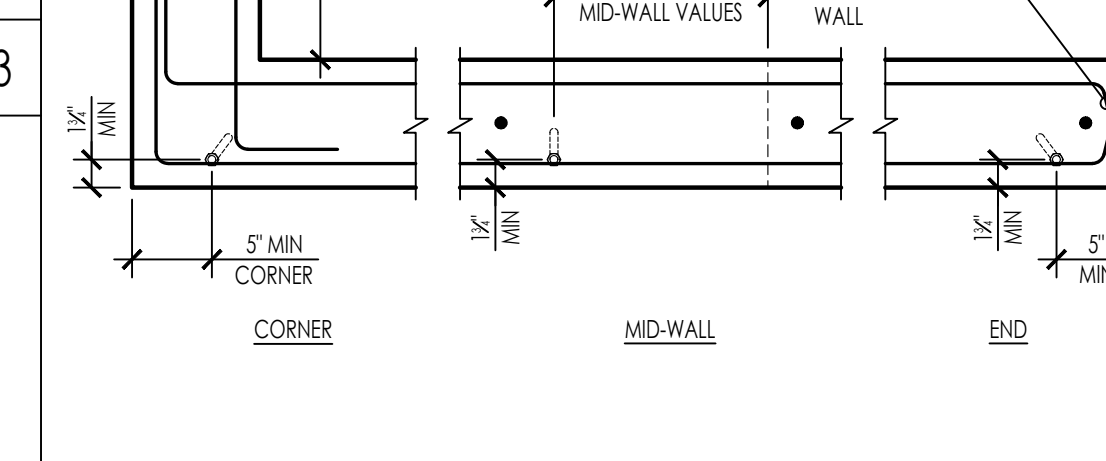
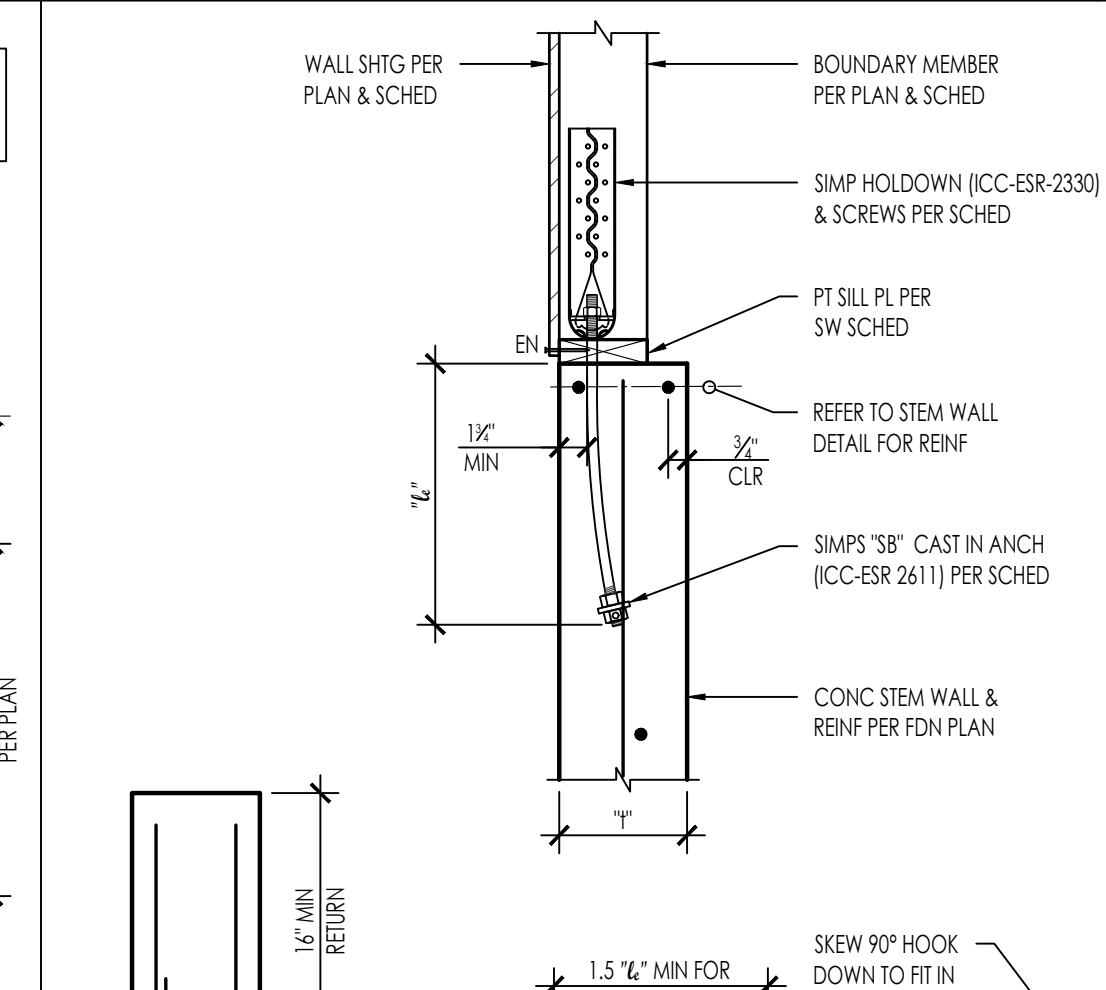
MINIMUM DISTANCE FROM GRADE TO WOOD FRAMING NTS 32

PIPES PERPENDICULAR TO FOOTINGS W/ STEM WALL NTS 52



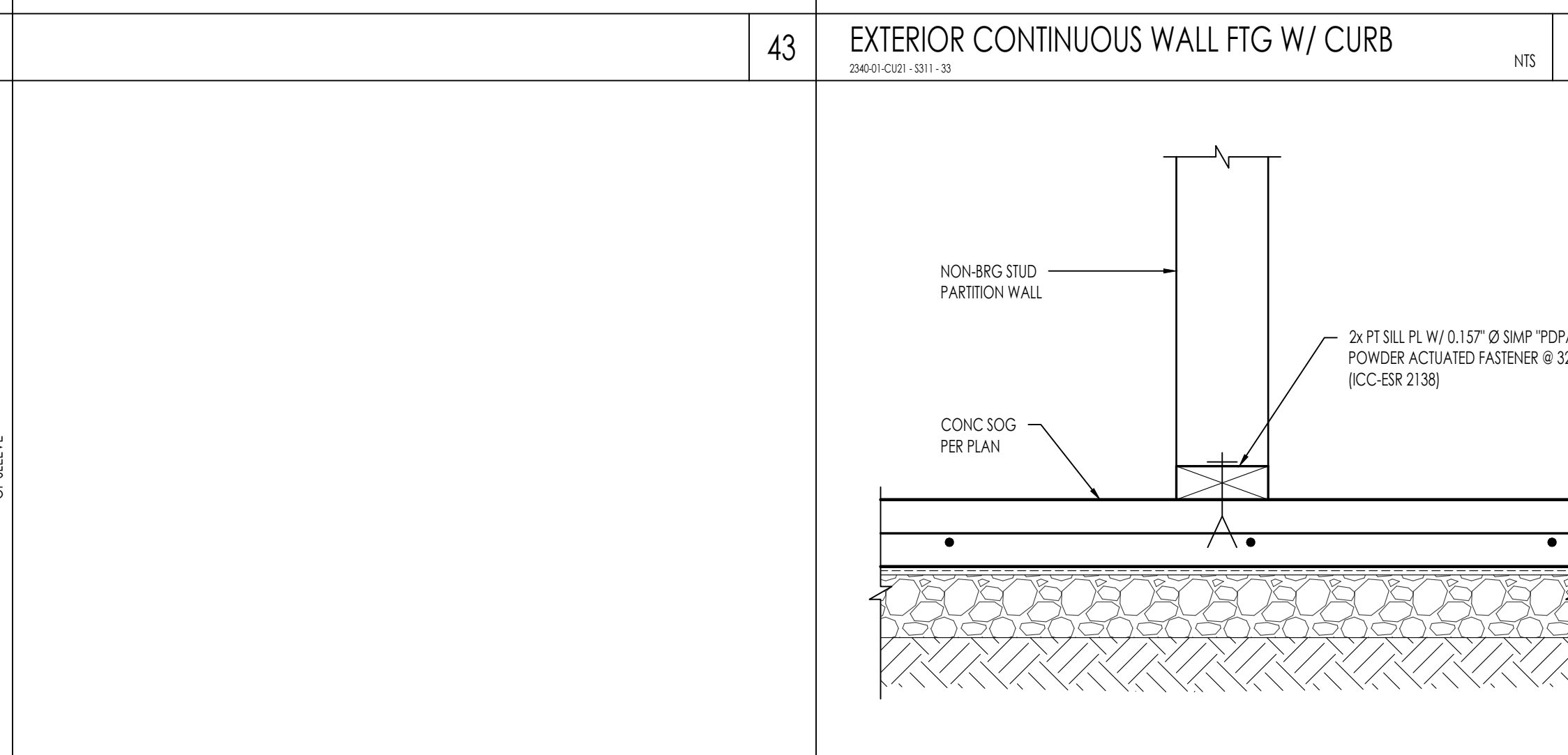
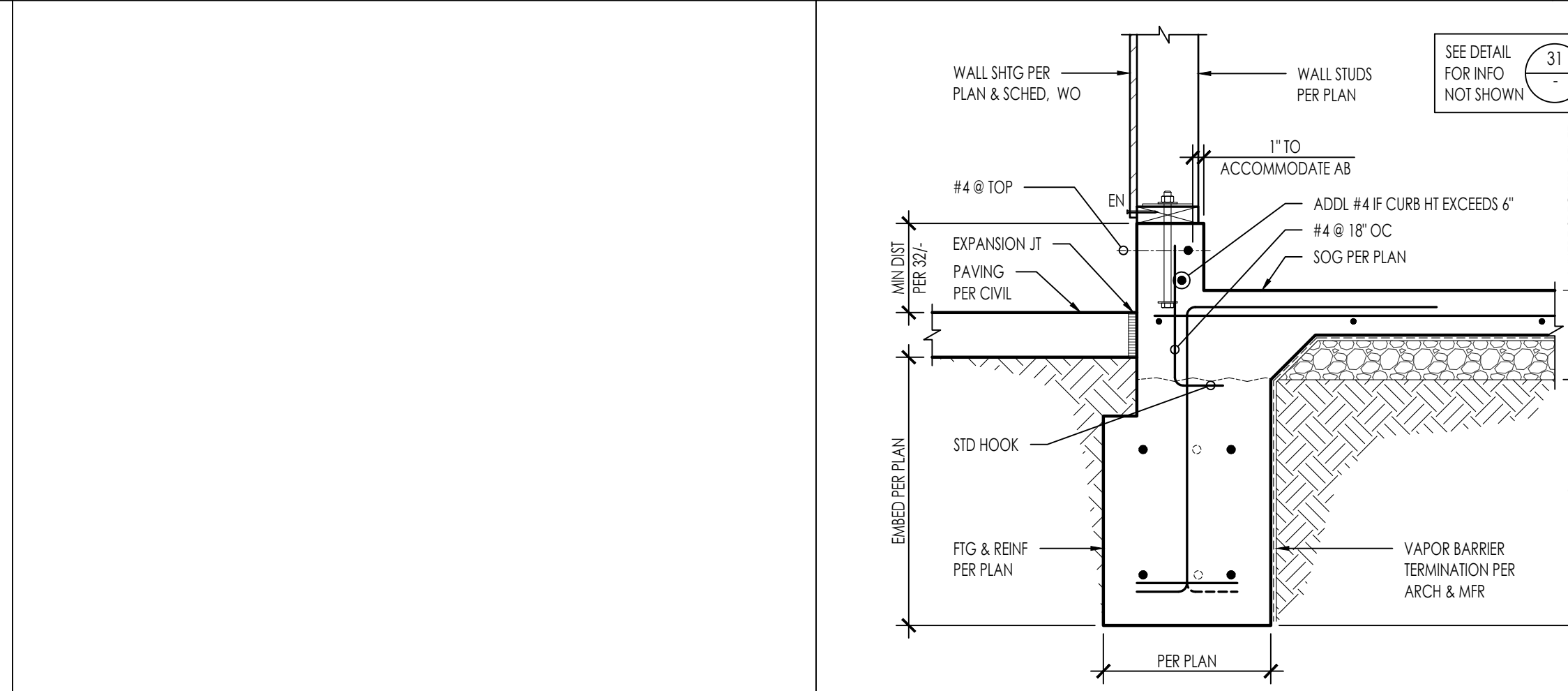
TYPE	HOLDOWN	ANCHOR	DIA (IN)	FASTENERS	MIN MEMBER THICKNESS (IN)	MIN EMBED (IN)	ALLOWABLE LOADS (KIP)		
							CORNER	MIDWALL	END
7A	HDU5-SDS2.5	SB 3/4" x 24	1/2	14-SDS 1/2" x 2 1/2"	3	18	5,645*	5,645*	5,645*
7B	HDU8-SDS3	SB 3/4" x 24	3/4	20-SDS 1/2" x 3"	4 1/2	18	9,230*	9,230*	9,230*
7C	HDU14-SDS2.5	SB 1" x 30	1	36-SDS 1/2" x 2 1/2"	5 1/2	24	8,315	10,770*	6,065

- MINIMUM EDGE DISTANCE IS SHOWN ABOVE. ANCHOR LOCATIONS PER PLAN
- MINIMUM ANCHOR TO ANCHOR SPACING IS 3L
- * = CAPACITY LIMITED BY HOLDOWN
- DEEPEN FOOTING AT HOLDOWN ANCHOR AS REQ'D PER DETAIL 32/5-301

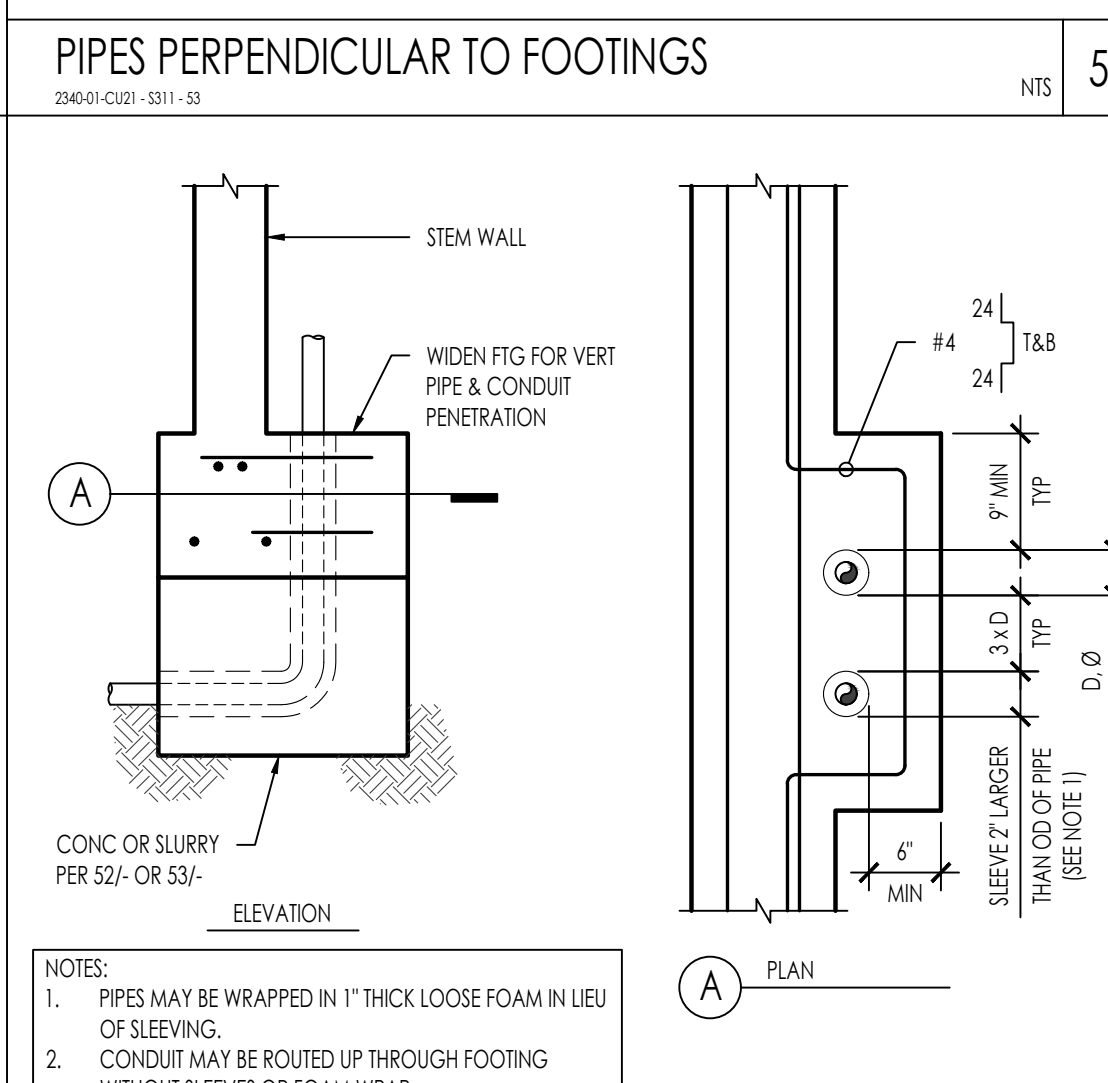
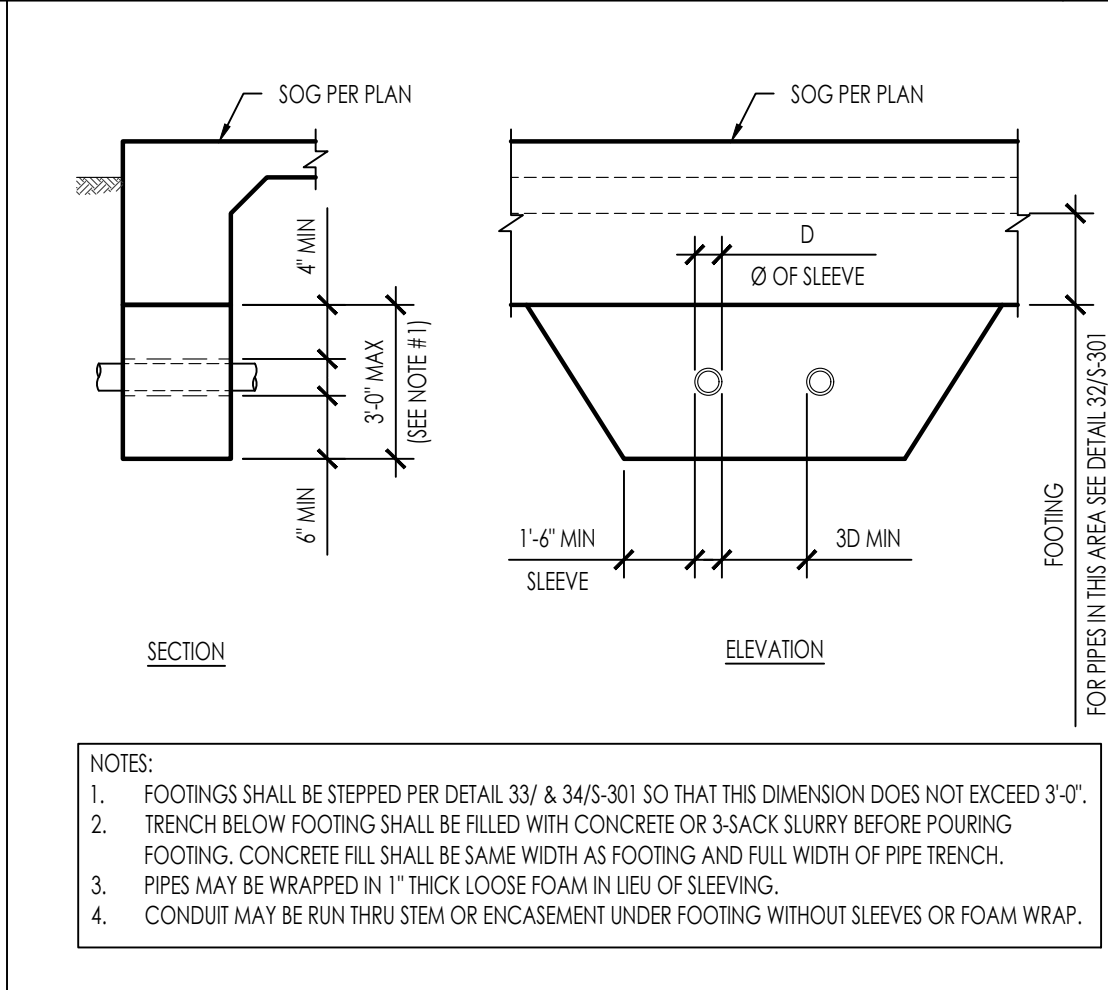


TYPE	HOLDOWN	ANCHOR	MIN STEM WALL WIDTH (1" MIN)	DIA (IN)	FASTENERS	BOUNDARY MEMBER MIN THICKNESS (IN)	MIN EMBED (IN)	ALLOWABLE LOADS (KIP)		
								CORNER	MIDWALL	END
7A	HDU5-SDS2.5	SB 3/4" x 24	1 1/4	1/2	14-SDS 1/2" x 2 1/2"	3	18	5,645*	5,645*	5,645*
7B	HDU8-SDS3	SB 3/4" x 24	1 1/4	3/4	20-SDS 1/2" x 3"	4 1/2	18	7,855	8,795	5,730
7C	HDU14-SDS2.5	SB 1" x 30	1 1/4	1	36-SDS 1/2" x 2 1/2"	5 1/2	24	8,315	10,770*	6,065

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

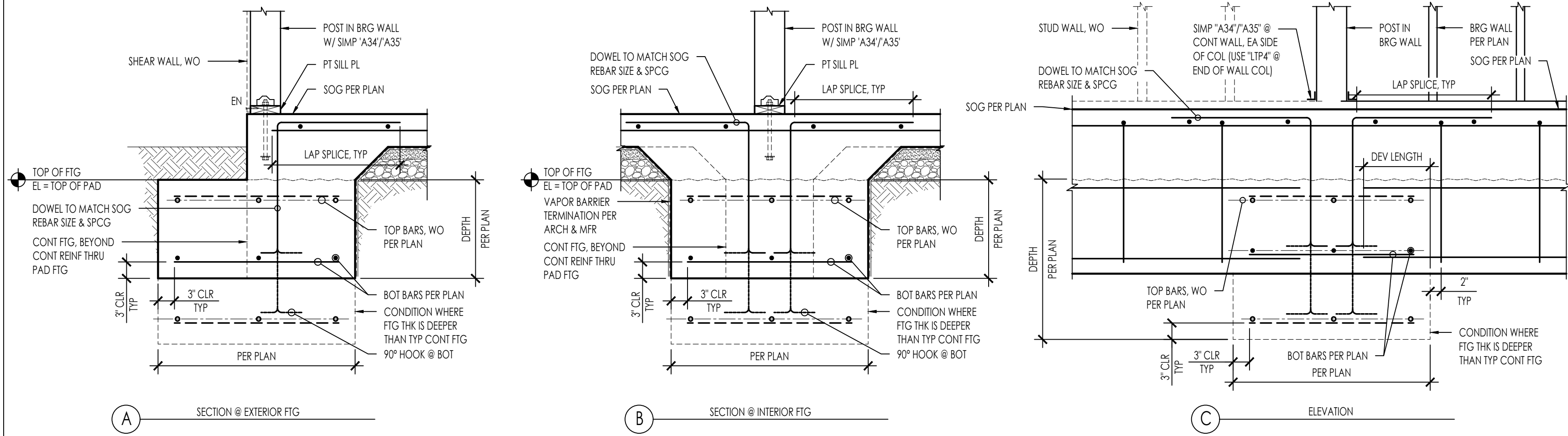


NON-BEARING WALL ANCHORAGE @ SOG NTS 34



TYPICAL VERT PIPES OR COND THROUGH FOOTING NTS 54

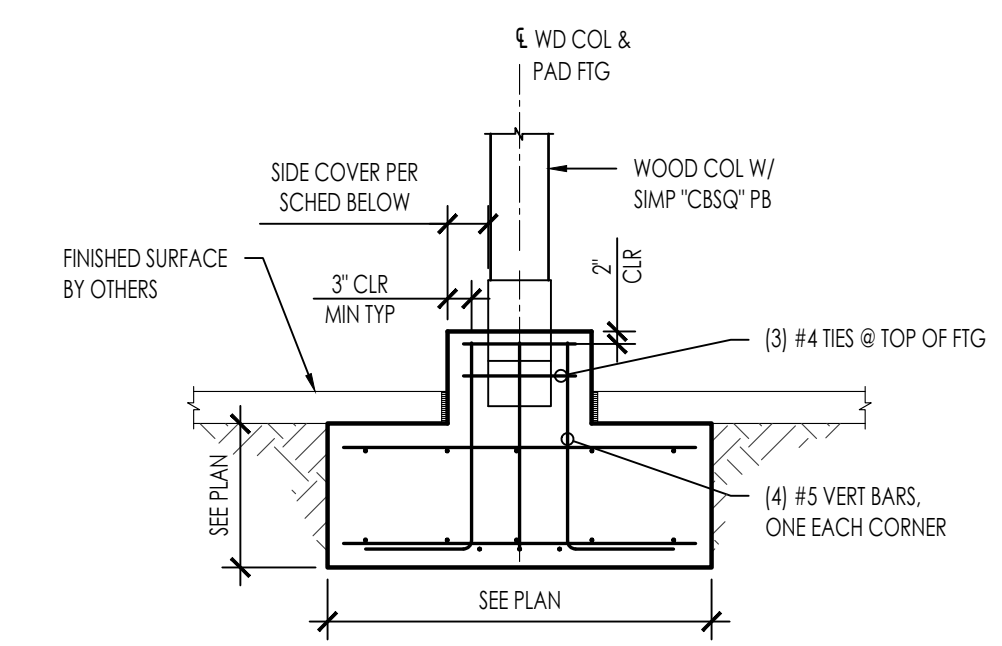
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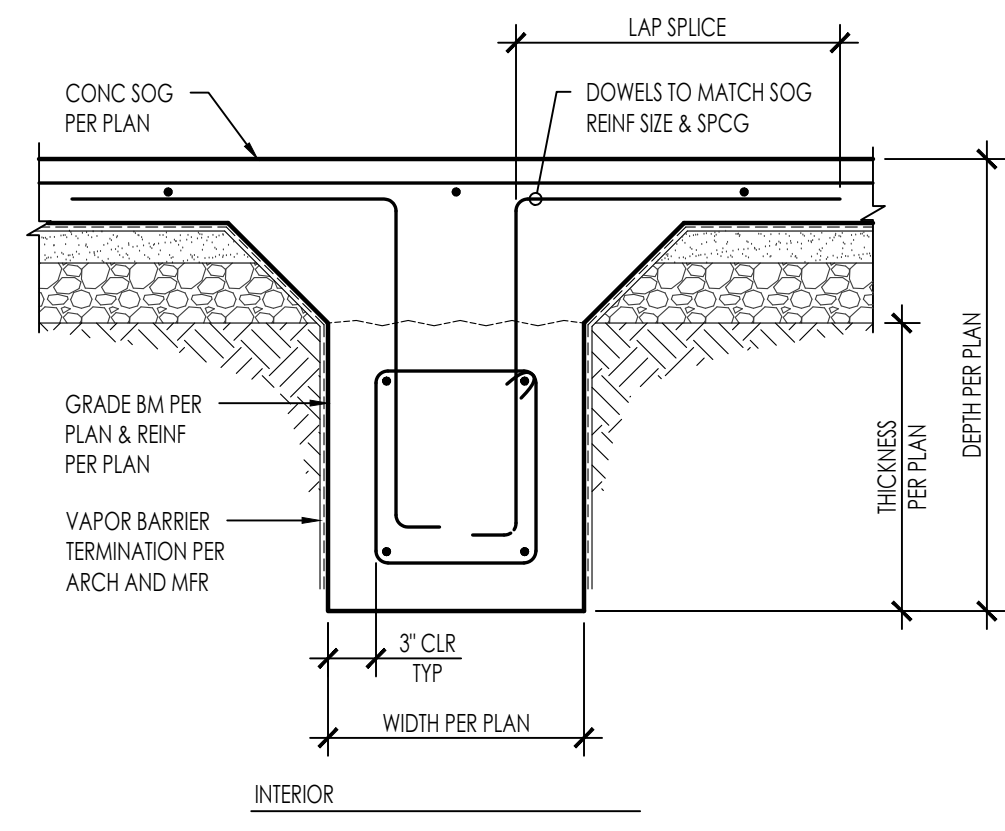
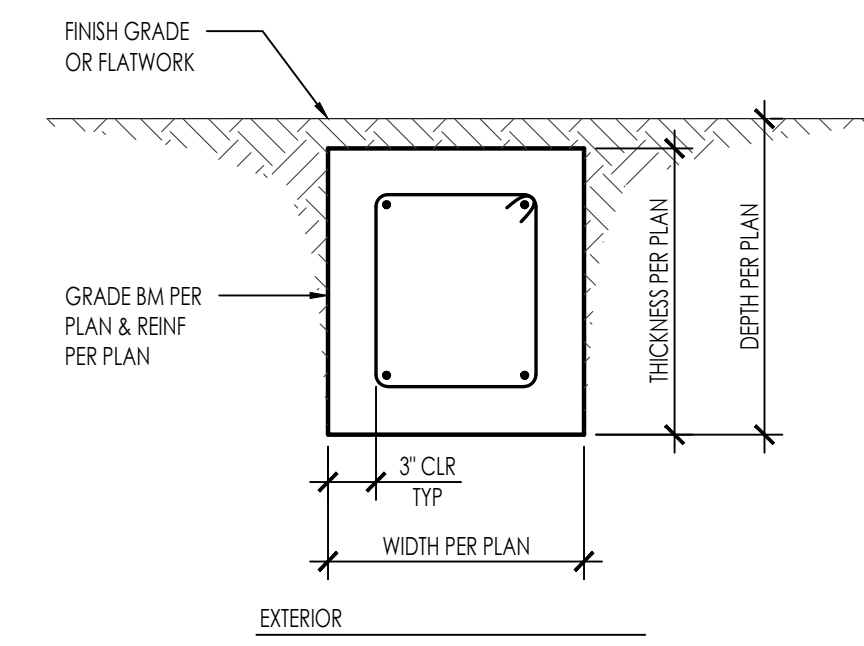
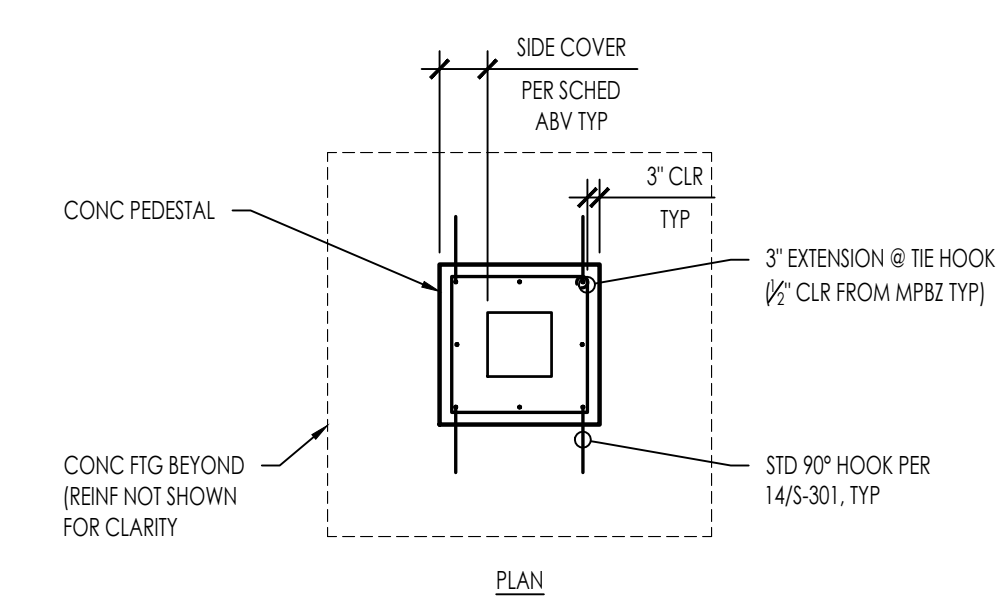
51

41 SPREAD FOOTING @ BEARING WALL POST

11



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



52

42

32

53

43

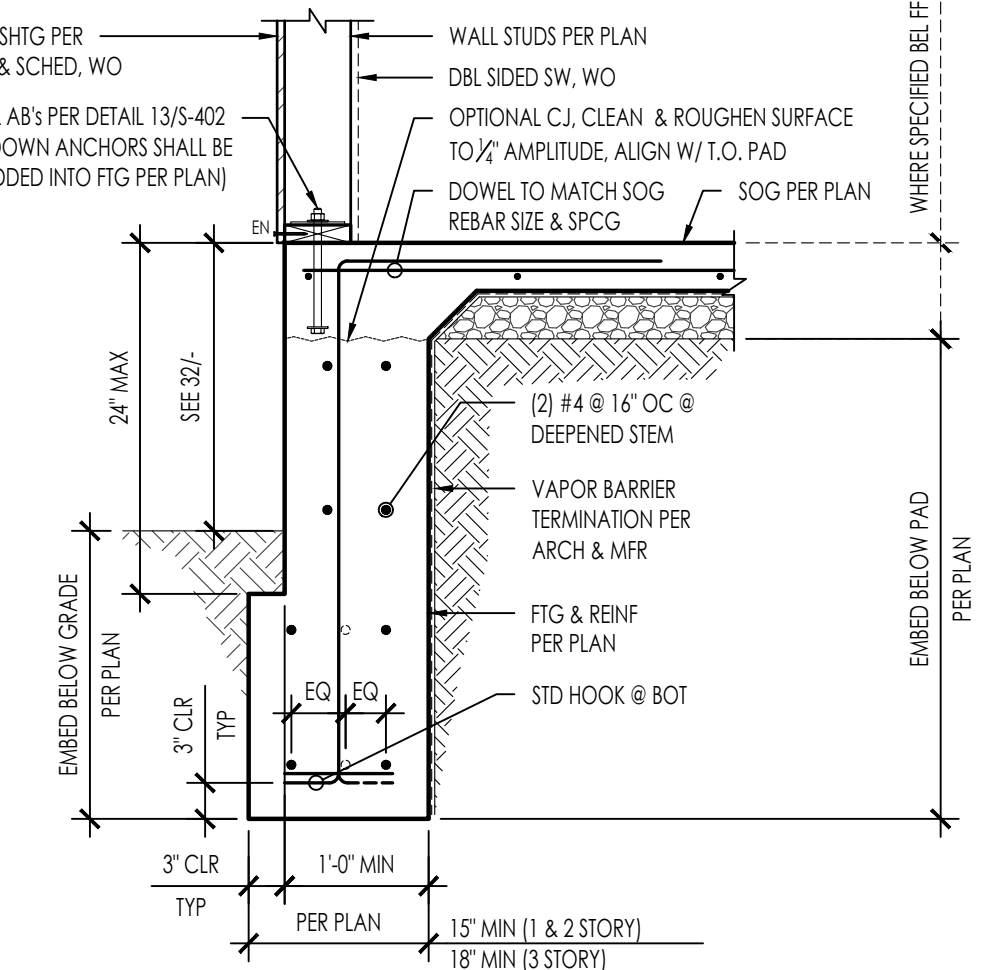
33

PORCH PAD FOOTING

1/2" = 1'-0"

23 GRADE BEAM

13



54

44

34

24 DEEPEND EXTERIOR FOOTING

14

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**MONO COUNTY ADU
PROTOTYPES**
MONO COUNTY
CONCRETE DETAILS

NO.	REVISION	DATE
△		
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△		
△		

PROJECT MANAGER
J. MEADOWS

DRAWN BY
A. LOPEZ

CHECKED BY
M. DOREMUS

DATE
AUGUST 18, 2022

PROJECT NUMBER
2340-01-CU21

SHEET

S-312

CONSTRUCTION DOCUMENTS

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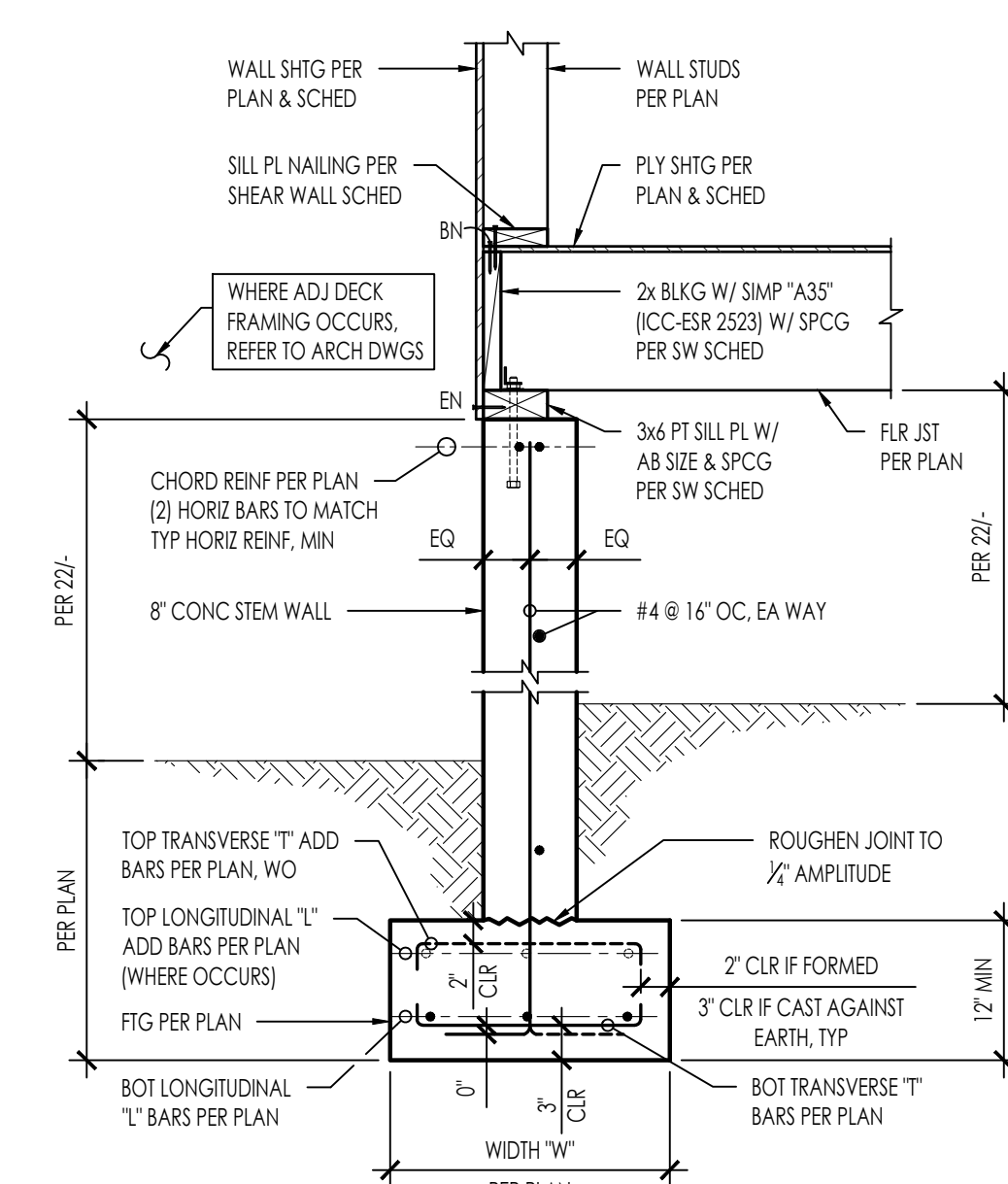
**MONO COUNTY ADU
PROTOTYPES**
MONO COUNTY
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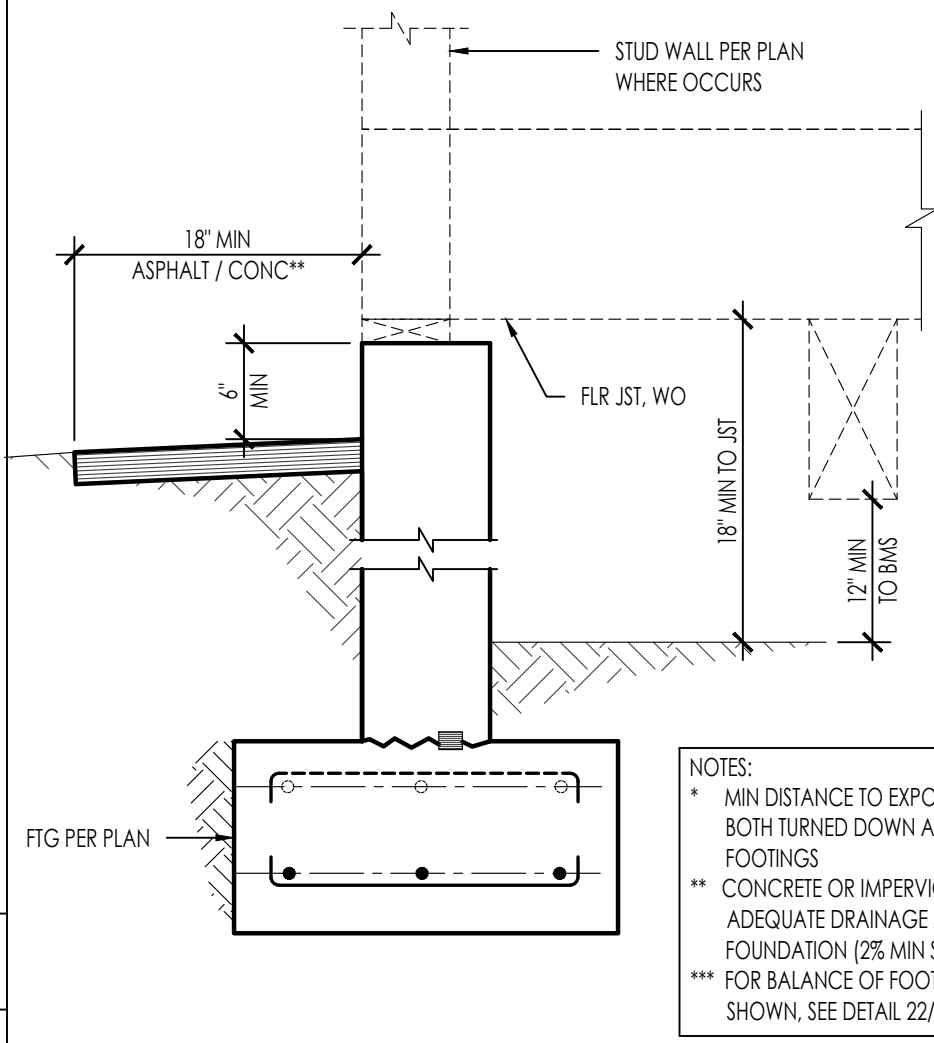
PROJECT MANAGER
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M. DOREMUS
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S-313

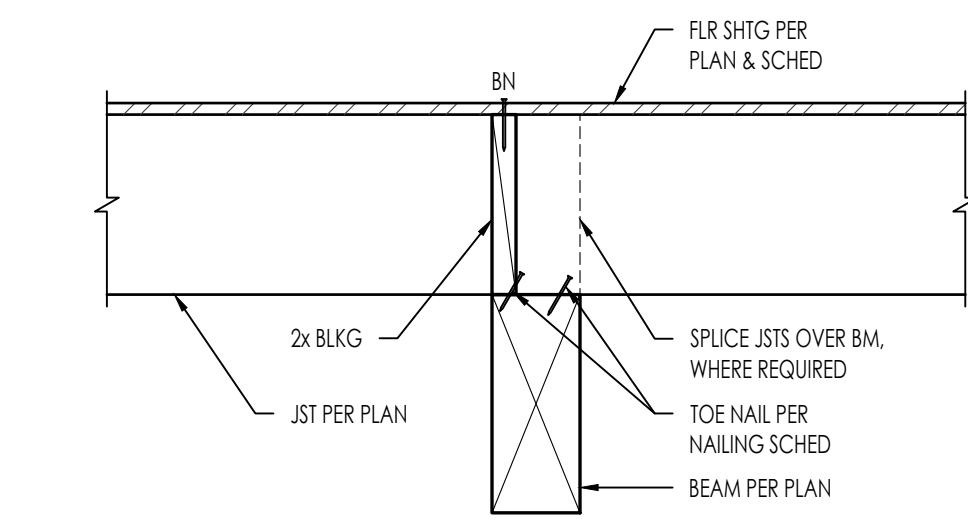
CONSTRUCTION DOCUMENTS



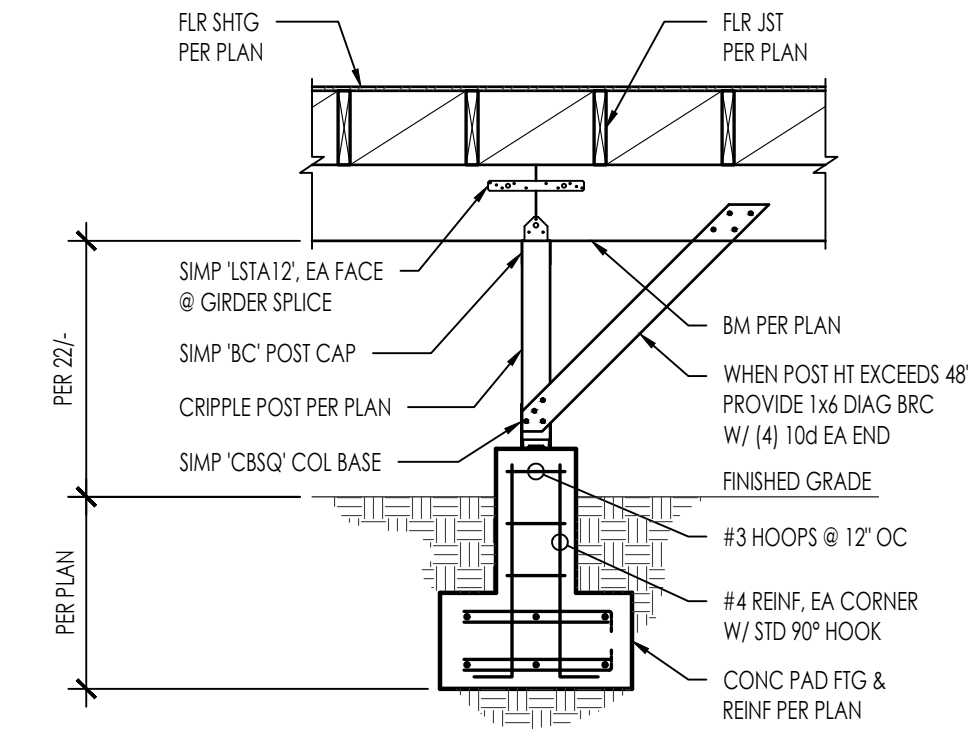
CONC WALL FOUNDATION 3/4" = 1'-0" 12



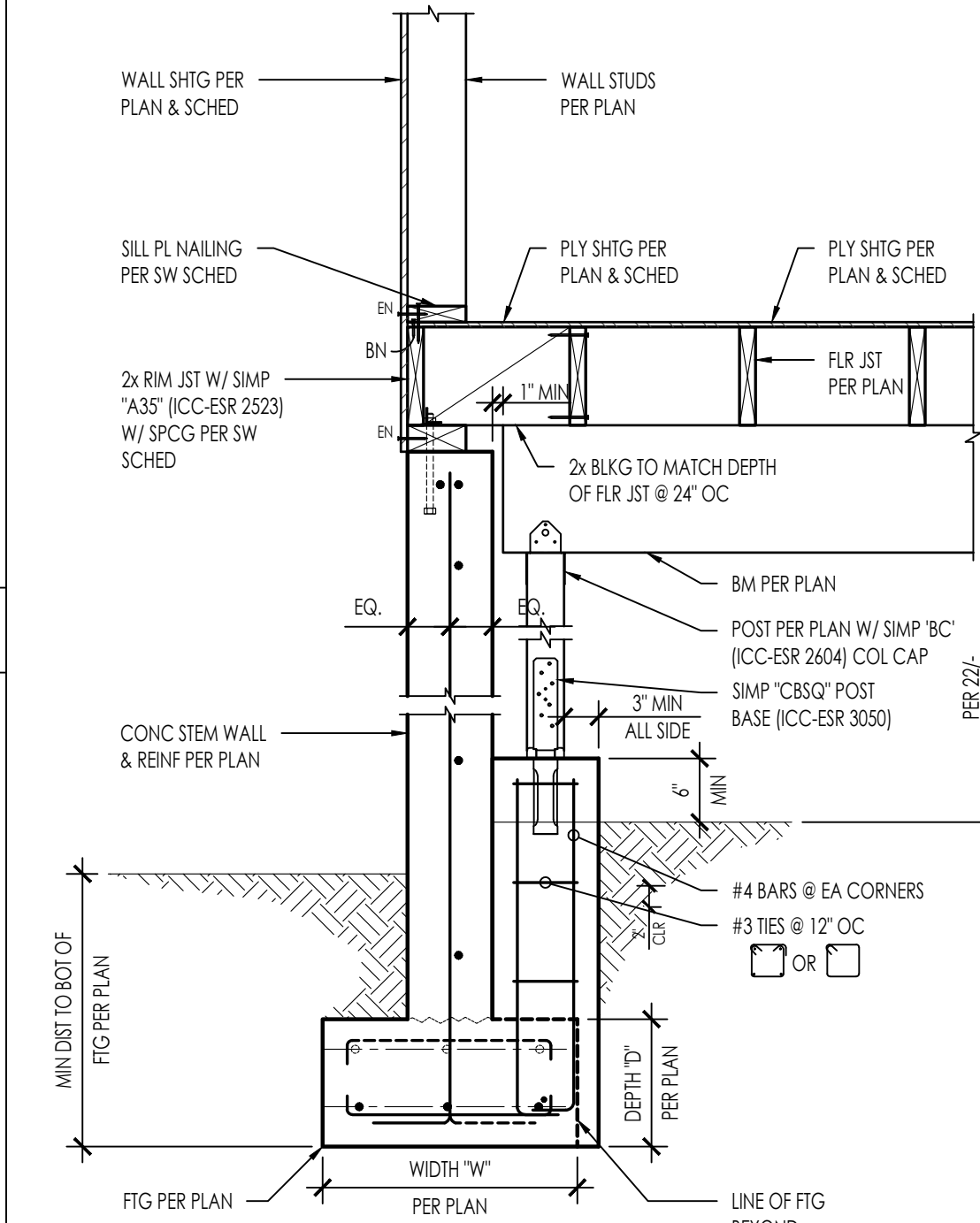
MIN DISTANCE FROM GRADE TO WOOD FRAMING 1/2" = 1'-0" 22



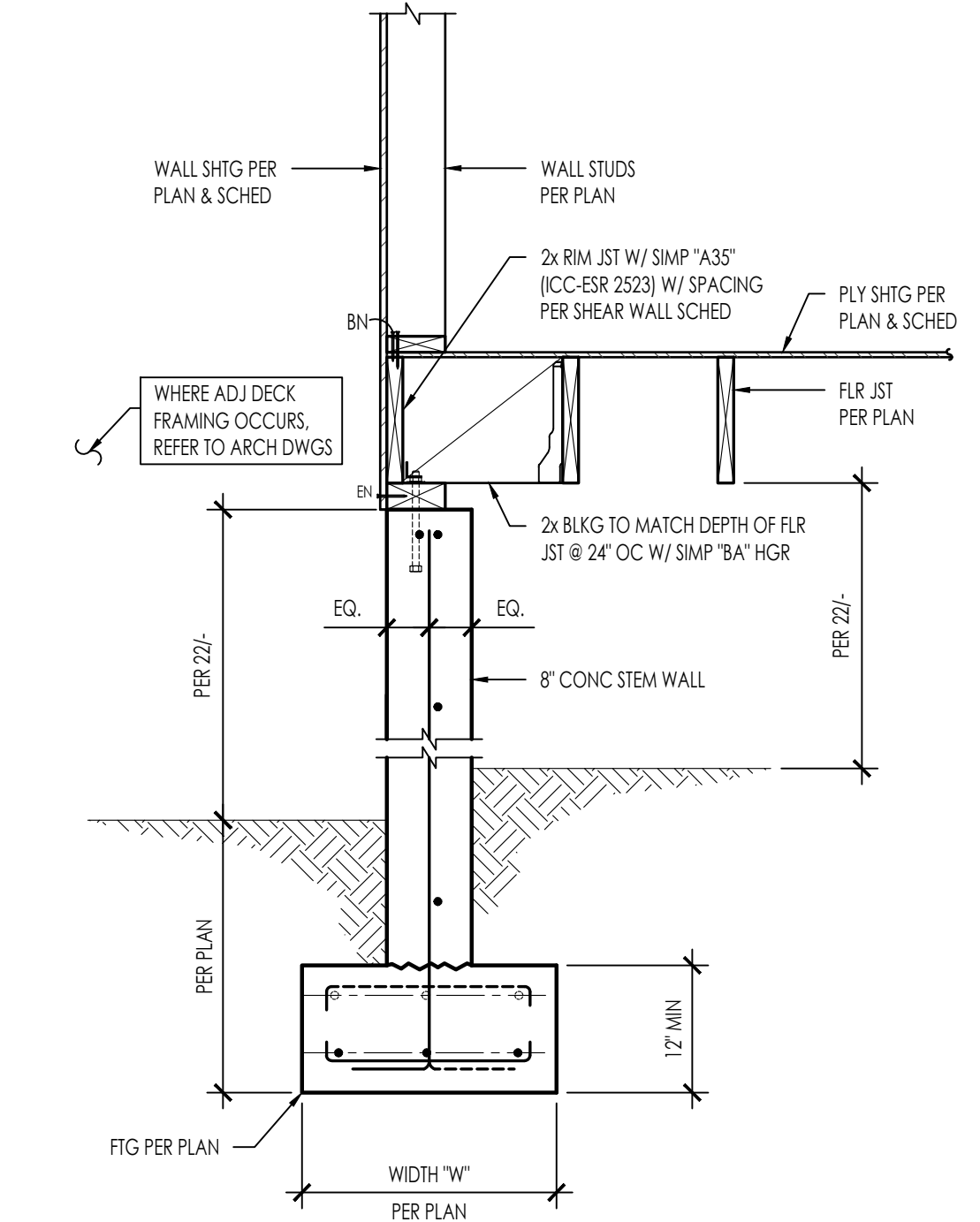
DROPPED BEAM @ PERP JOIST 1" = 1'-0" 31



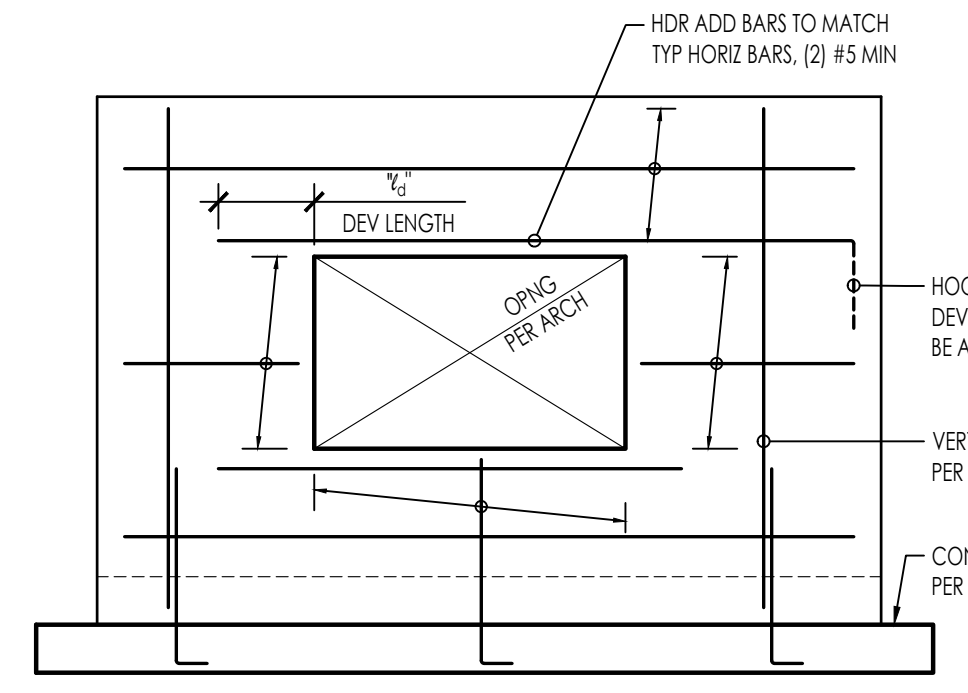
PIER FOOTING 1/2" = 1'-0" 32



CONC WALL FOOTING @ OPENING NTS 33



CONC WALL FOUNDATION 3/4" = 1'-0" 14



CONC WALL FOOTING @ OPENING NTS 33

CONC WALL FOUNDATION 3/4" = 1'-0" 24

CONC WALL FOUNDATION 3/4" = 1'-0" 14

51 41

52 42

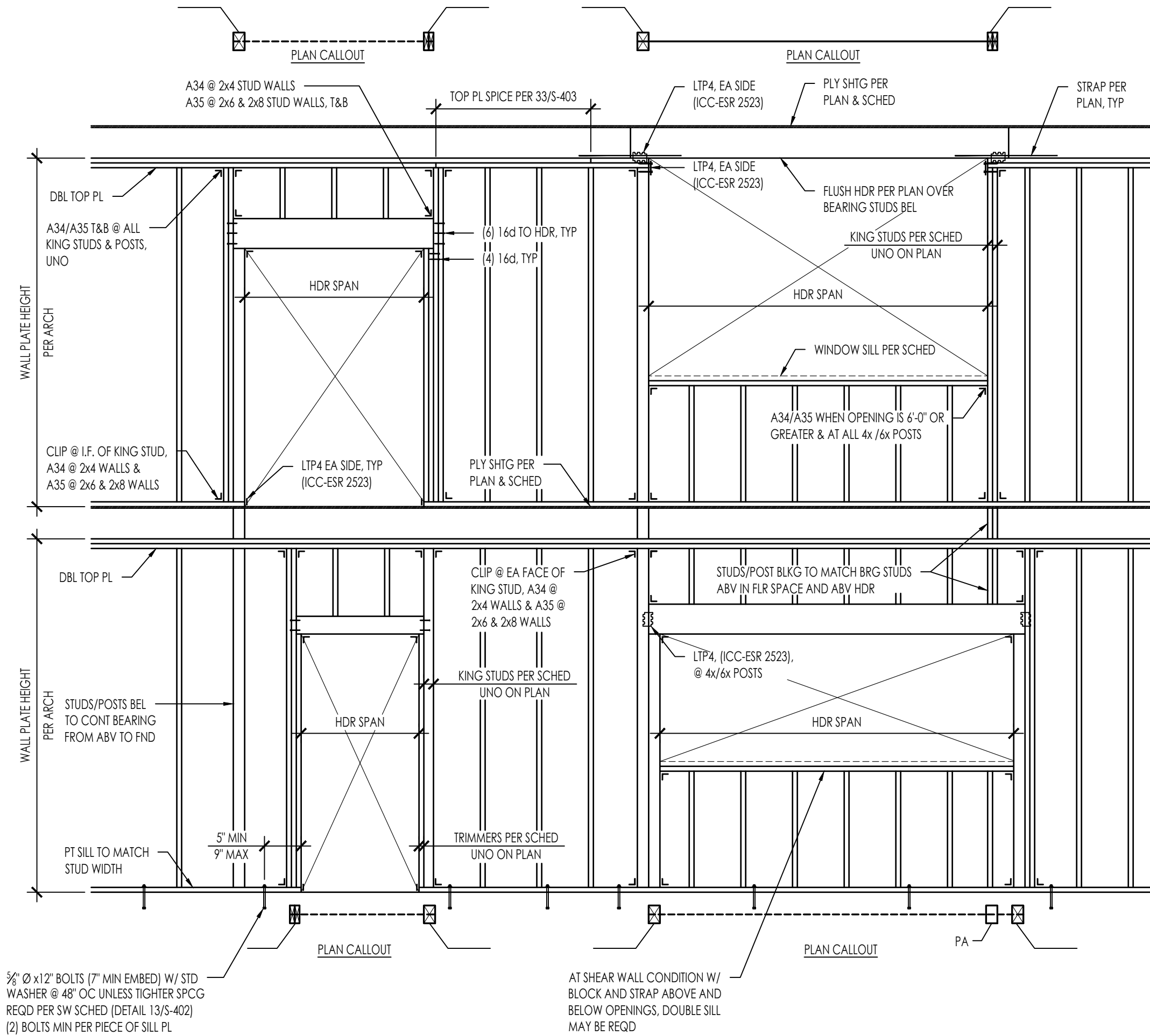
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SEE DETAIL FOR INFO NOT SHOWN 12

BEARING/SHEAR WALL HEADER SCHEDULE					
SNOW LOAD	6 INCH WALLS				
1-STORY	OPENING WIDTH	6x HEADER	SILL AT WINDOW	POST / TRIMMER	KING STUDS
	UP TO 3'-0"	6x4	2x	2x6	2x6
	3'-0" - 4'-0"	6x6	2x	2x6	2x6
<65 PSF	4'-0" - 5'-6"	6x8	(2) 2x	(2) 2x6	(2) 2x6
1-STORY	OPENING WIDTH	6x HEADER	SILL AT WINDOW	POST / TRIMMER	KING STUDS
	UP TO 3'-0"	6x6	2x	2x6	2x6
	3'-0" - 4'-0"	6x8	2x	2x6	2x6
66-80 PSF	4'-0" - 5'-6"	6x12	(2) 2x	(2) 2x6	(2) 2x6
1-STORY	OPENING WIDTH	6x HEADER	SILL AT WINDOW	POST / TRIMMER	KING STUDS
	UP TO 3'-0"	6x6	2x	2x6	2x6
	3'-0" - 4'-0"	6x10	2x	2x6	2x6
81-120 PSF	4'-0" - 5'-6"	6x12	(2) 2x	(2) 2x6	(2) 2x6
1-STORY	OPENING WIDTH	6x HEADER	SILL AT WINDOW	POST / TRIMMER	KING STUDS
	UP TO 3'-0"	6x6	2x	(2) 2x6	2x6
	3'-0" - 4'-0"	6x10	2x	(2) 2x6	2x6
220-235 PSF	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.
 - FOR SHEAR WALLS SEE 3415-402 FOR ADD'L REQUIREMENTS.
 - FOR INTERIOR NON-BEARING PARTITIONS SEE DETAIL 431.
 - 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 NOT AT THE WALL TO TOP PLATE, TO RAFTER OR TRUSS	2-8d COMMON	EACH END, TOENAIL
3. FLAT BLOCKING TO TRUSS AND WEB FILER	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	1/2" OC EACH EDGE, FACE NAIL
12. CONTINUOUS HEADER TO STUD	4-10d COMMON	TOENAIL
13. TOP PLATE TO TOP PLATE	1-6d COMMON	1/2" 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 SPURCE LENGTH EACH SIDE OF END JOINT)
15. BOTTOM PLATE TO JOIST, RIM JOIST, BAND JOIST OR BLOCKING	2-16d COMMON	1/2" OC FACE NAIL
16. STUD TO TOP OR BOTTOM PLATE	4-8d COMMON	TOENAIL
17. TOP PLATES, LAPS AT CORNERS AND INTERSECTIONS	2-16d COMMON	END NAIL
18. JOIST TO SILL, TOP PLATE, OR GIRDER	3-8d COMMON	FACE NAIL
20. RIM JOIST, BAND JOIST, OR BLOCKING TO TOP PLATE, SILL OR OTHER FRAMING BELOW	8d COMMON	TOENAIL
21. 1x6" 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)	32" 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
26. 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

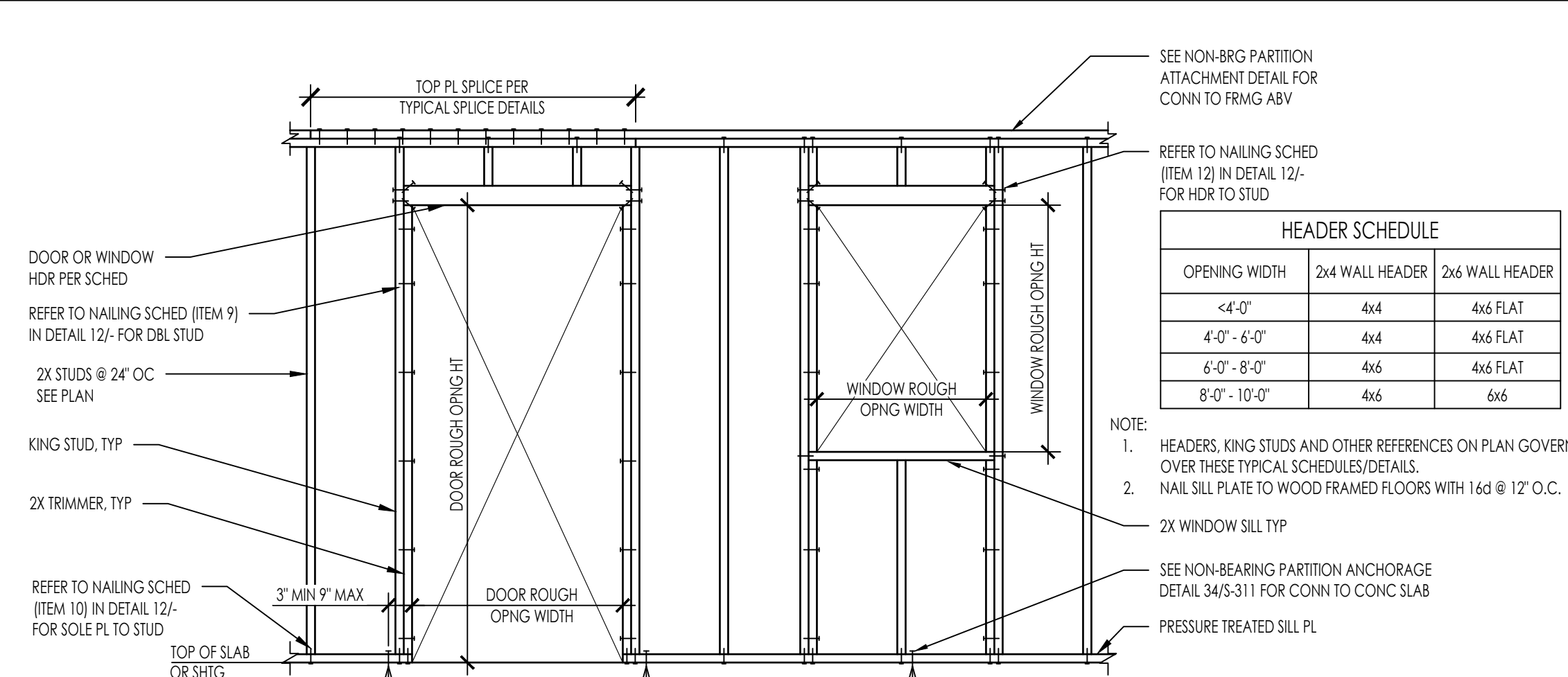
- NOTES:
- THIS NAILING SCHEDULE SHALL ONLY BE USED IF CONDITION IS NOT OTHERWISE DETAILED OR SPECIFIED ON THE CONSTRUCTION DOCUMENTS. COMMON NAILS SHALL BE USED EXCEPT WHERE OTHERWISE STATED.
 - WHERE A RAFTER IS FASTENED TO AN ADJACENT PARALLEL CEILING JOIST IN ACCORDANCE WITH THIS SCHEDULE AND THE 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.

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EXTERIOR WALL / INTERIOR WALL BEARING WALL FRAMING

2340-01-CU21 - 5401 - 32

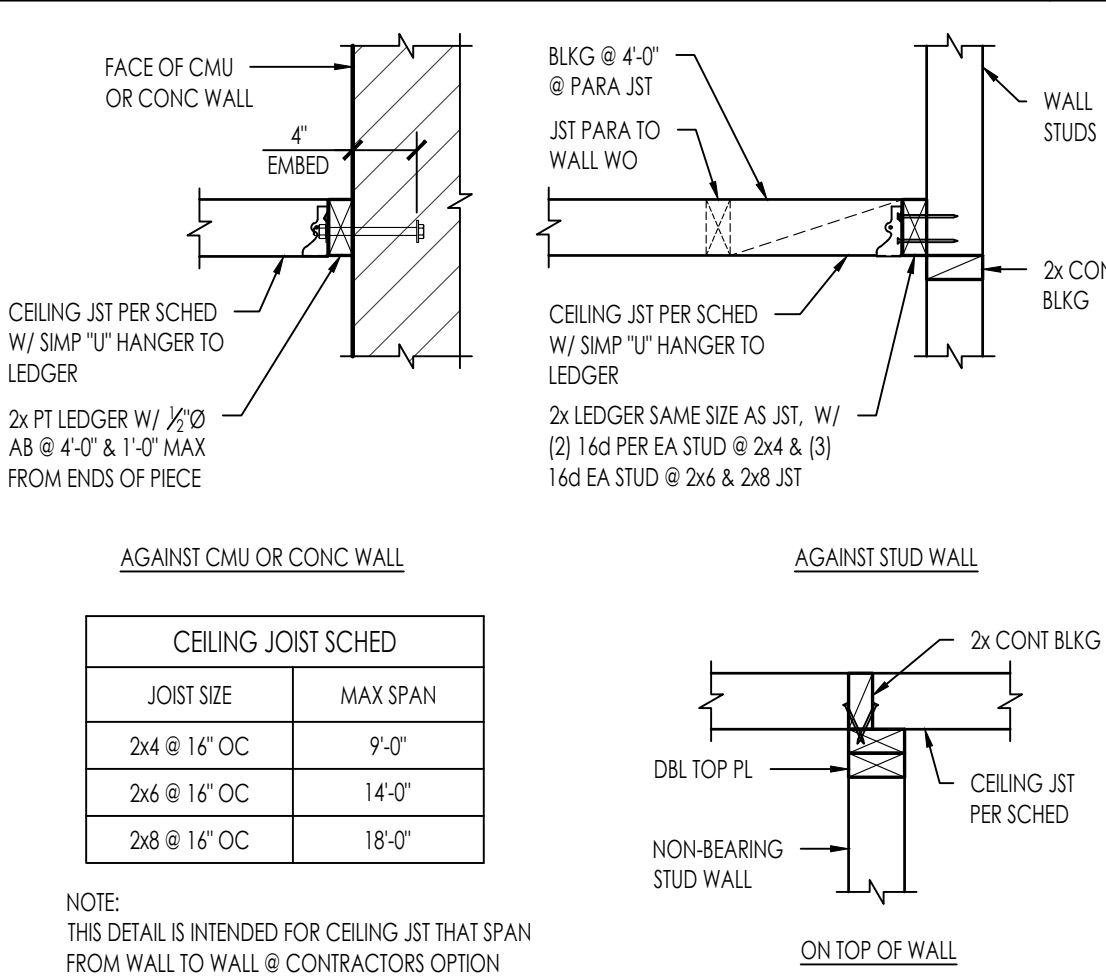


HEADER SCHEDULE		
OPENING WIDTH	2x4 WALL HEADER	2x6 WALL HEADER
<4'-0"	4x4	4x6 FLAT
4'-0" - 6'-0"	4x4	4x6 FLAT
6'-0" - 8'-0"	4x6	4x6 FLAT
8'-0" - 10'-0"	4x6	4x6

- 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-CU21 - 5401 - 43



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

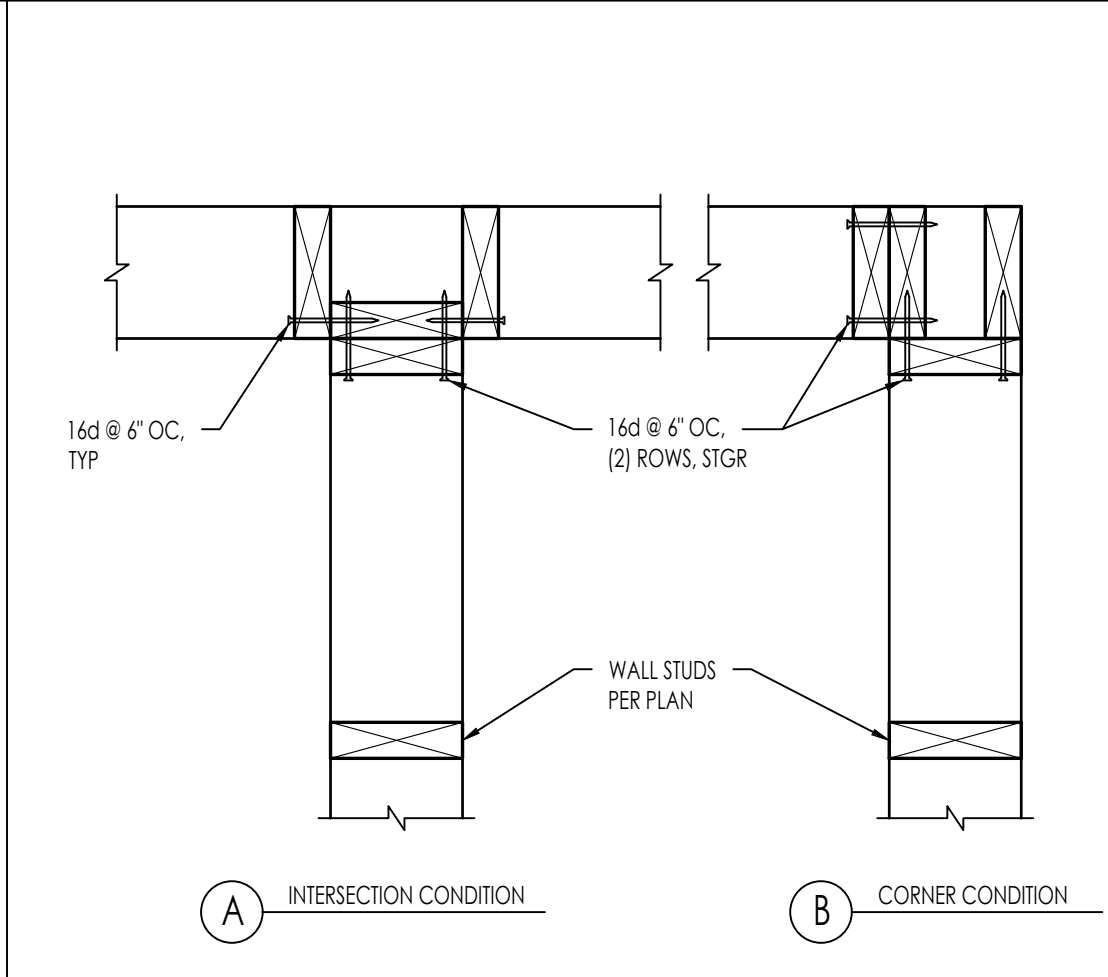
NOTE: THIS DETAIL IS INTENDED FOR CEILING JOIST THAT SPAN FROM WALL TO WALL @ CONTRACTORS OPTION

CEILING JOIST SCHED & DETAILS

2340-01-CU21 - 5401 - 33

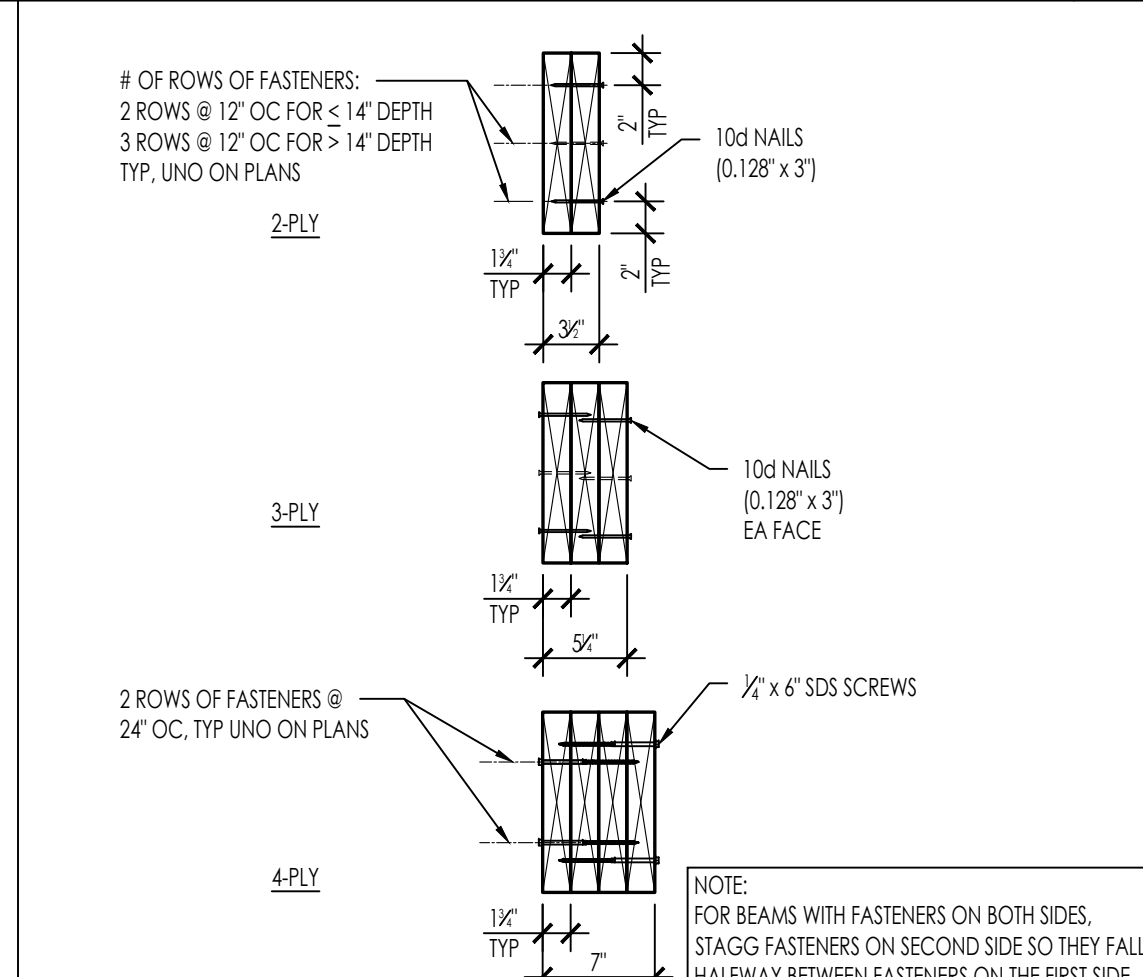
NAILING SCHEDULE

2340-01-CU21 - 5401 - 12



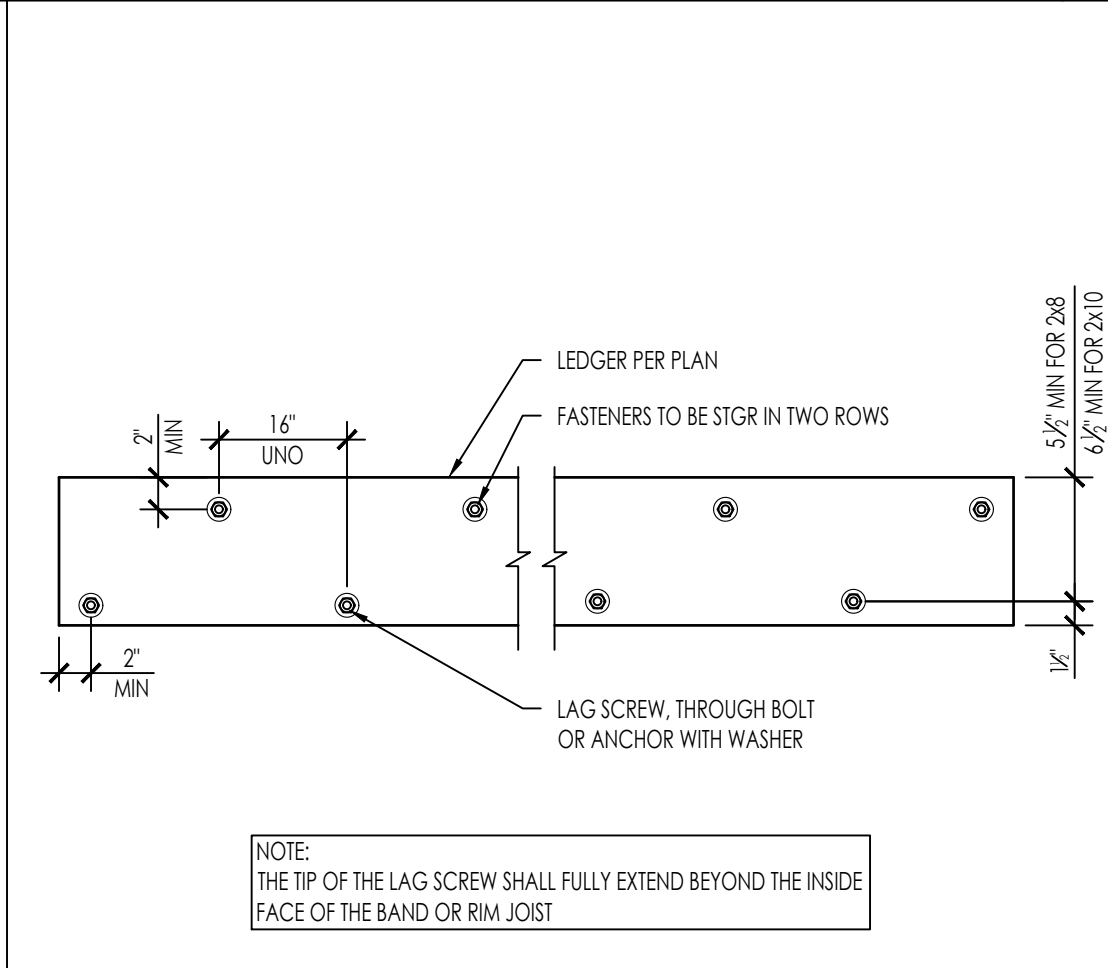
TYPICAL WOOD STUD INTERSECTIONS

2340-01-CU21 - 5401 - 23



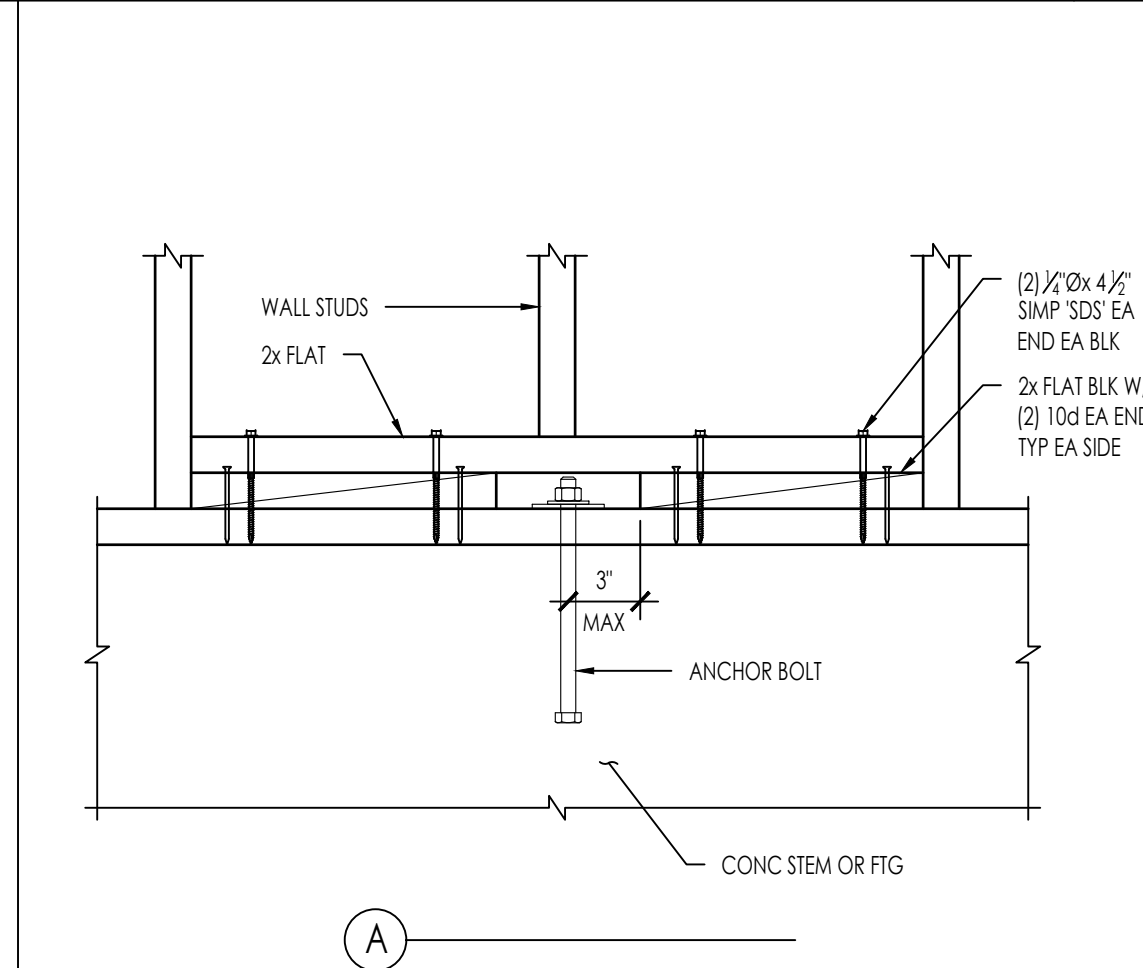
MULTI-PLY MEMBER CONNECTION

2340-01-CU21 - 5401 - 13



LEDGER DETAIL

2340-01-CU21 - 5401 - 24



ANCHOR BOLT AT WOOD STUD

2340-01-CU21 - 5401 - 14

**MONO COUNTY ADU
PROTOTYPES**
MONO COUNTY
TYPICAL WOOD DETAILS

NO.	REVISION	DATE

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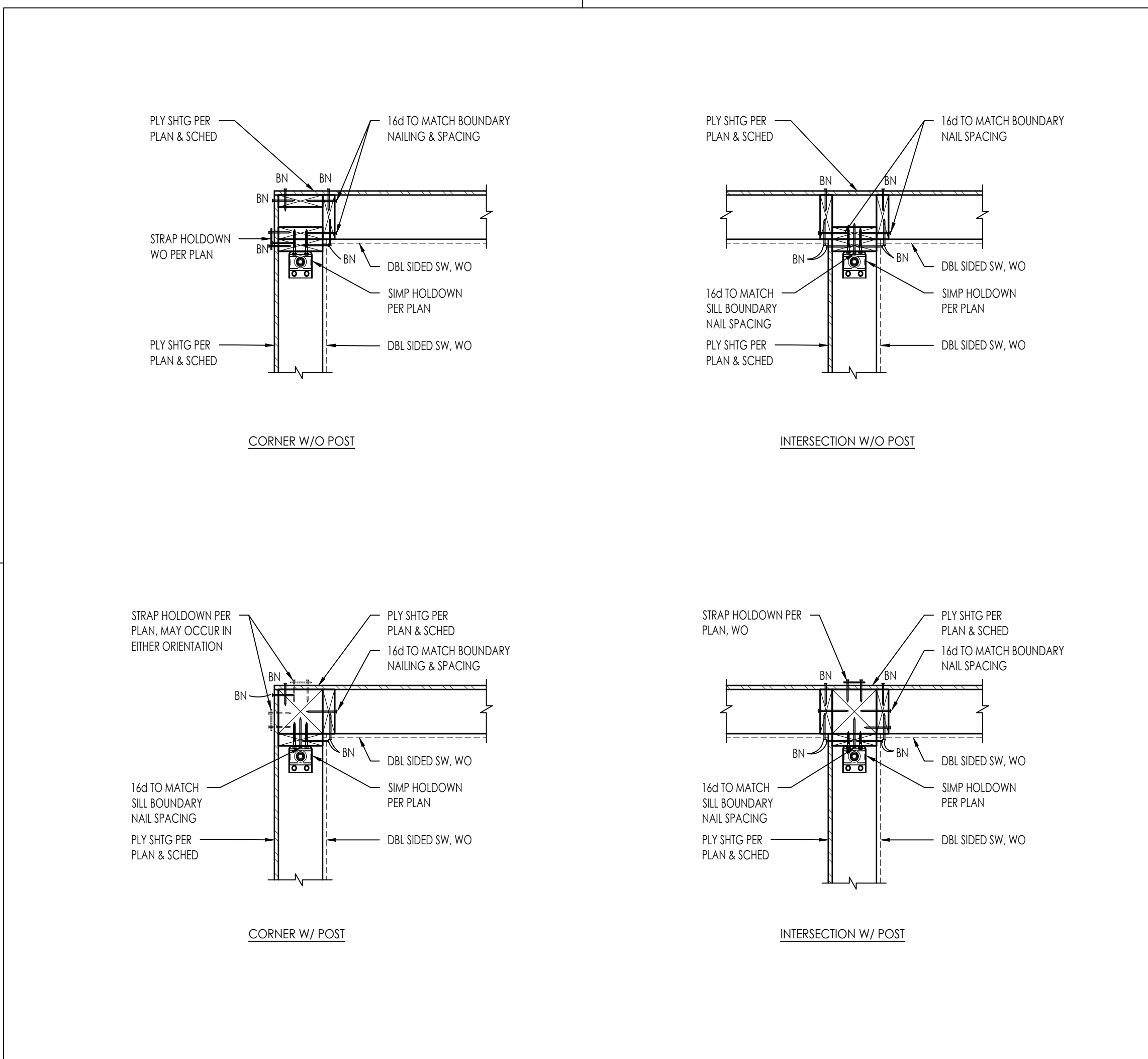
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2340-01-CU21

SHEET
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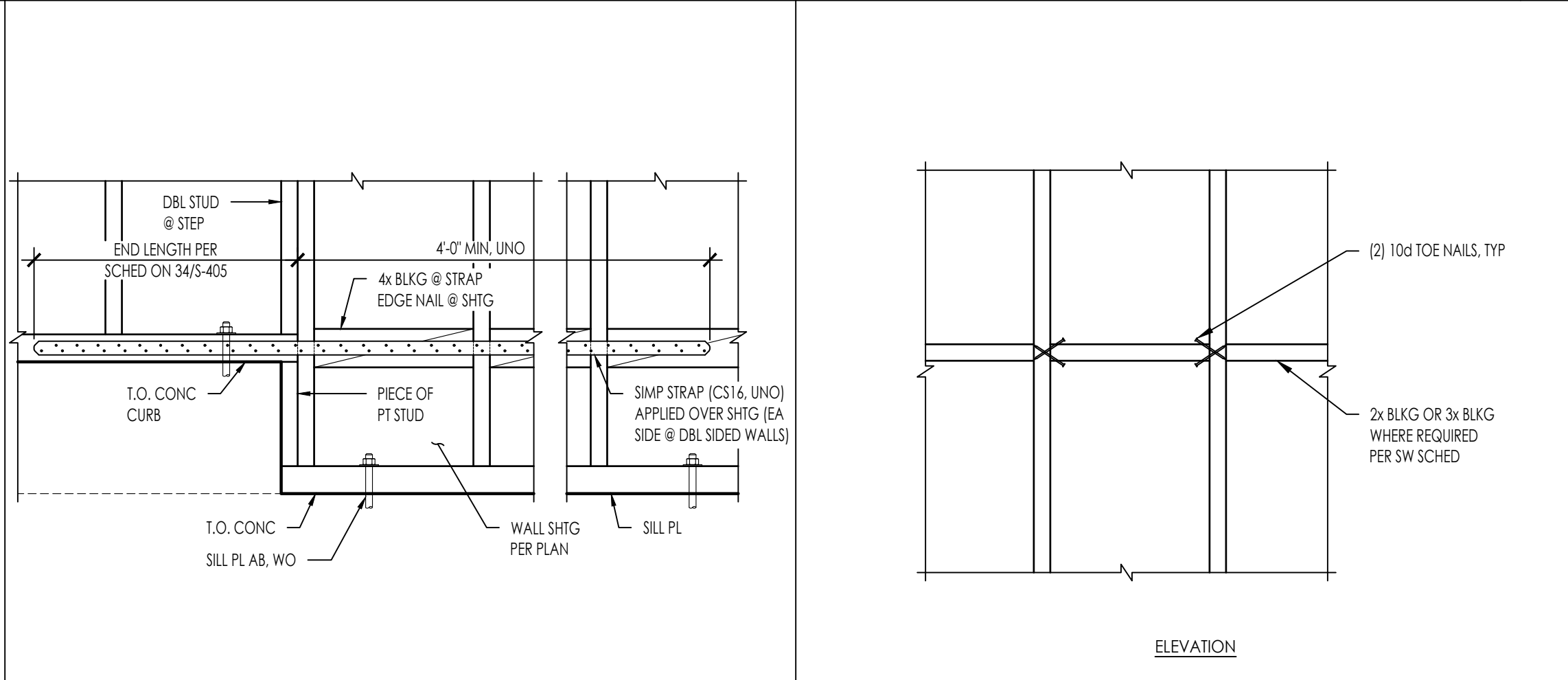
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SHEAR WALL INTERSECTION NTS 42

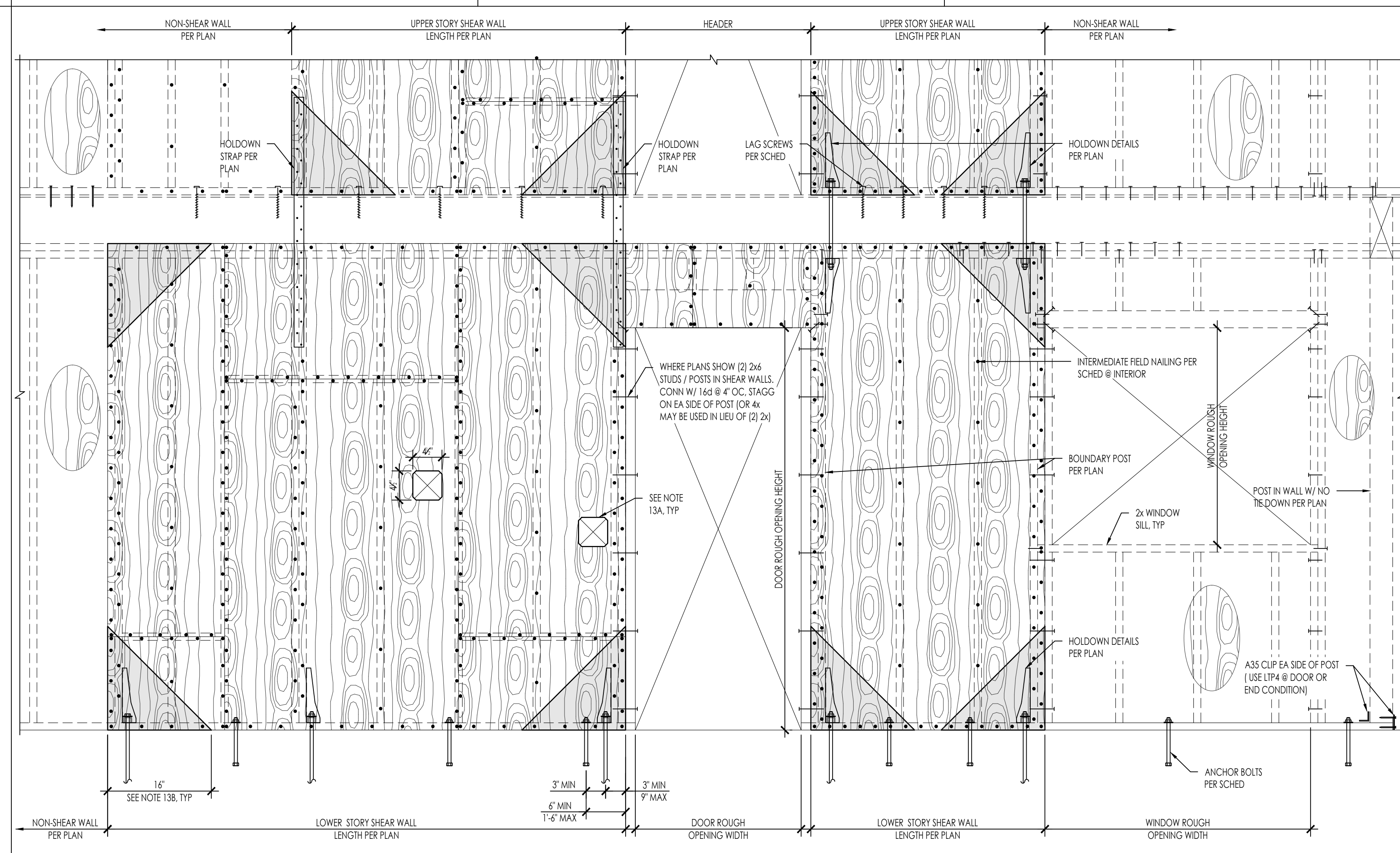


STRAP AT STEP IN SHEAR WALL SILL PLATE NTS 53 **TYPICAL BLOCKING DETAIL** NTS 43

MARK	# OF BLKG	SIMPSON STRAP	NAILS EA SIDE OF OPENING	STRAP LENGTH (IN)	ALLOWABLE TENSION LOADS (LBS)
▽1	1	CS20	(12) 10d x 2 1/2"	32	1,030
▽2	1	CS16	(20) 10d x 2 1/2"	32	1,705
▽3	1	CS14	(26) 10d x 2 1/2"	32	2,490
▽4	2	CMST16	(50) 10d x 3 1/2"	39	4,690
▽5	2	CMST14	(66) 10d x 2 1/2"	39	6,475
▽6	2	CMST12	(86) 10d x 2 1/2"	39	9,215

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

FORCE TRANSFER AROUND OPENINGS NTS 44



TYPICAL SHEAR WALL ELEVATION AND SCHEDULE NTS 13

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

- NOTES:
 1. 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.
 2. ALL NAILS SHALL BE COMMON NAILS.
 3. PROVIDE E.N. AT ALL END STUDS, STUDS/POSTS WITH HOLD-DOWNS OR THE DOWN STRAPS, SILL PLATES AND TOP PLATES.
 4. WHERE 10d NAILS ARE 3 INCHES ON CENTER OR LESS, NAILS SHALL BE STAGGERED.
 5. 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.
 6. USE 3x FRAMING AT BOTTOM SILL PLATES, BLOCKING AND ALL STUDS AT ADJACENT PANEL EDGES WHERE SHEAR EXCEEDS 300 PLF. STRUCTURALLY ACCEPTABLE TO USE (2) 2x INSTEAD OF 3x FRAMING AT BOTTOM SILL PLATES.
 7. WHERE SILL SHEAR TRANSFER IS THROUGH LAG SCREWS, SILL PLATE SHALL BE A MINIMUM OF 2 1/2" THICK.
 8. LAG SCREWS SHALL BE 6 INCHES LONG AND HOLES ARE TO BE PRE-DRILLED AS TO NOT SPLIT BLOCKING/RIM.
 9. SEE ELEVATION ABOVE FOR TYPICAL CONSTRUCTION.
 10. REFER TO PLATE WASHER DETAIL FOR REQUIREMENTS.
 11. LENGTHY ANCHOR BOLTS AS REQUIRED FOR EMBEDMENT AND SILL PLATE THICKNESS.
 12. 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.
 13. LIMITATIONS OF MECHANICAL PENETRATIONS IN SHEAR WALLS:
 A. 4 1/2" MAX PENETRATION.
 B. NO CUTS OR HOLES IN SHEATHING WITHIN 16" OF CORNERS, SQUARE PENETRATIONS SHALL RADIUS EDGES. DO NOT OVER CUT HOLE WITH SAW.
 14. ASSUMES A 1 1/4" MIN LSI 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.
 15. SIMPSON LTP4 CLIP SHALL BE INSTALLED IN A HORIZONTAL ORIENTATION. IF CLIP IS INSTALLED OVER THE SHEATHING, 0.131" x 2 1/2" NAILS SHALL BE USED.

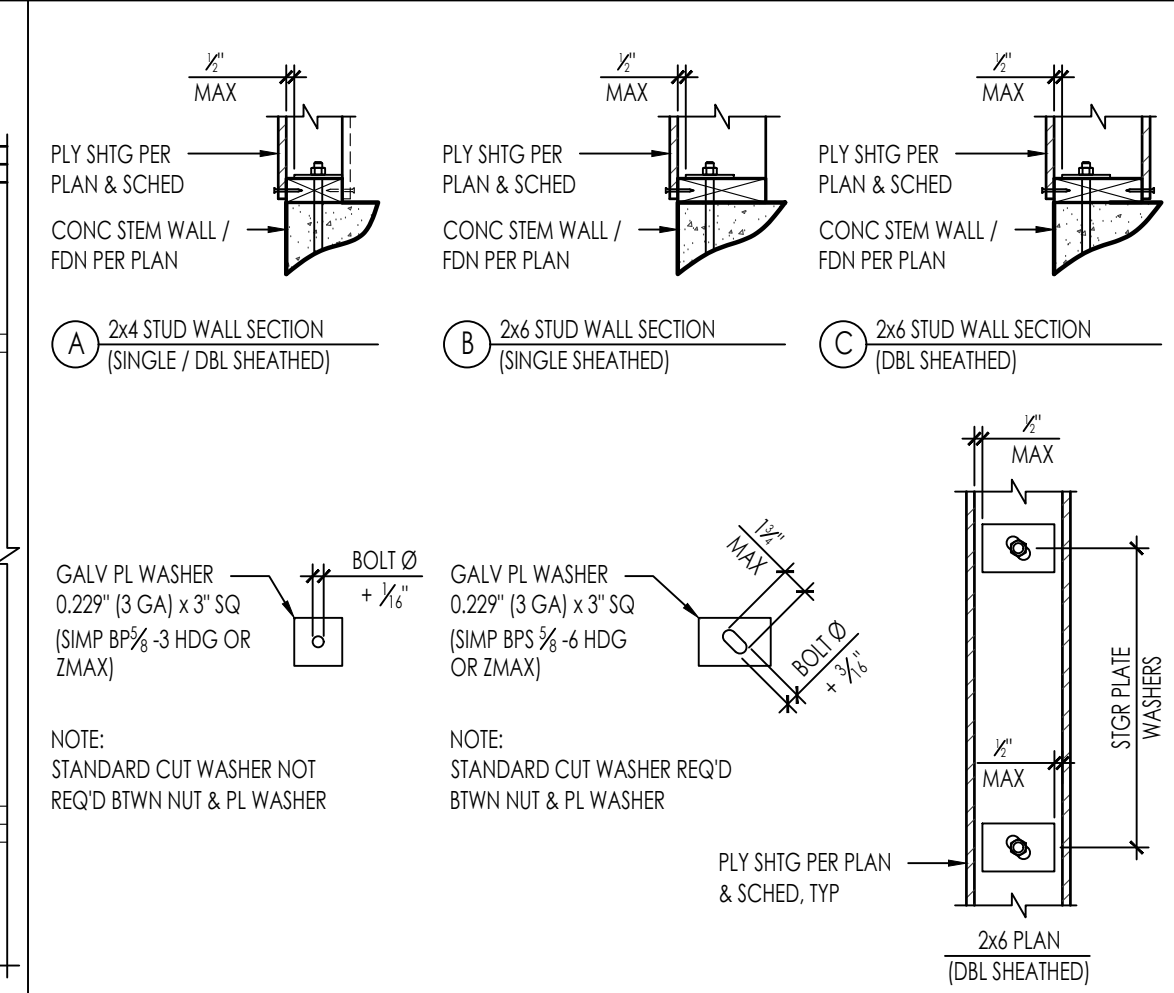
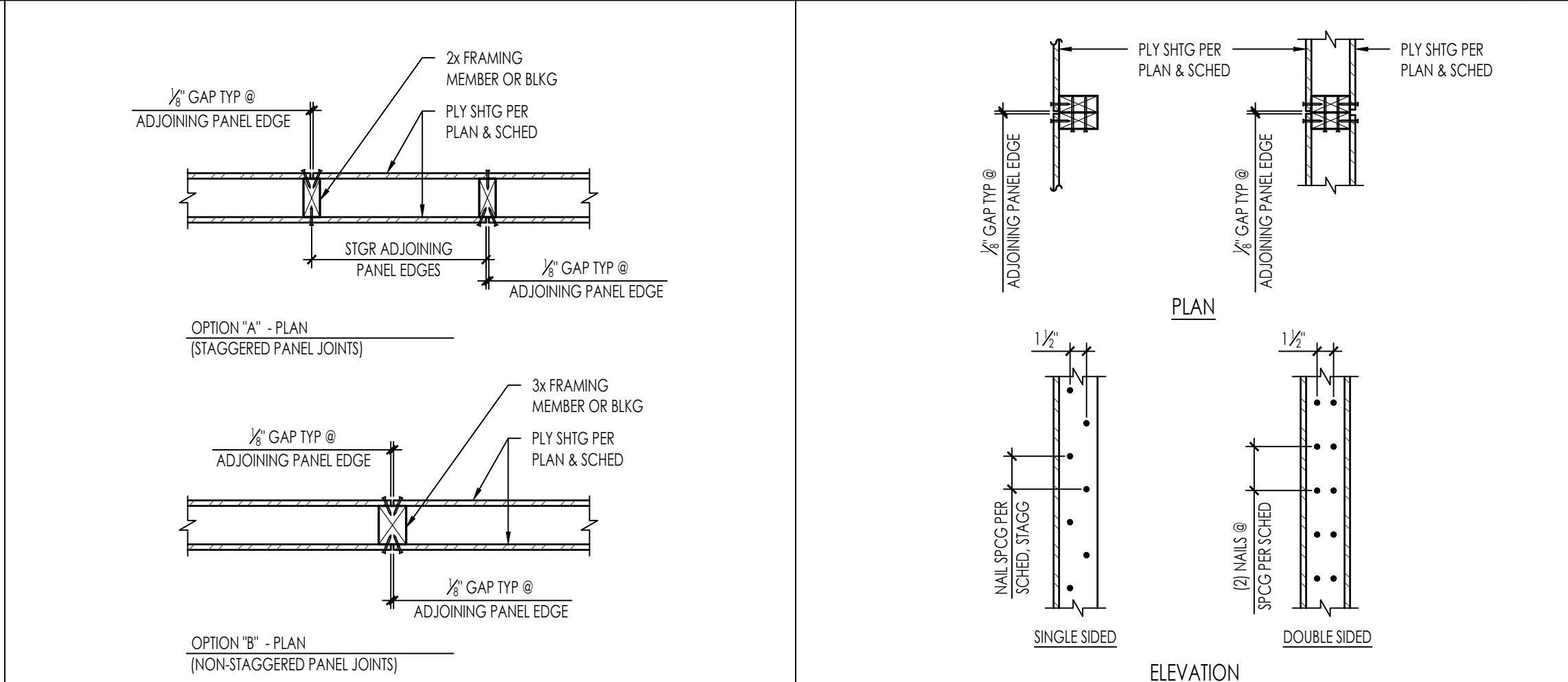


PLATE WASHER DETAIL NTS 34



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

MONO COUNTY ADU PROTOTYPES
 MONO COUNTY
 TYPICAL WOOD DETAILS

CONSTRUCTION DOCUMENTS

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 DRAWN BY
 A. LOPEZ
 CHECKED BY
 M. DOREMUS
 DATE
 AUGUST 18, 2022
 PROJECT NUMBER
 2340-01-CU21
 SHEET
 S-402

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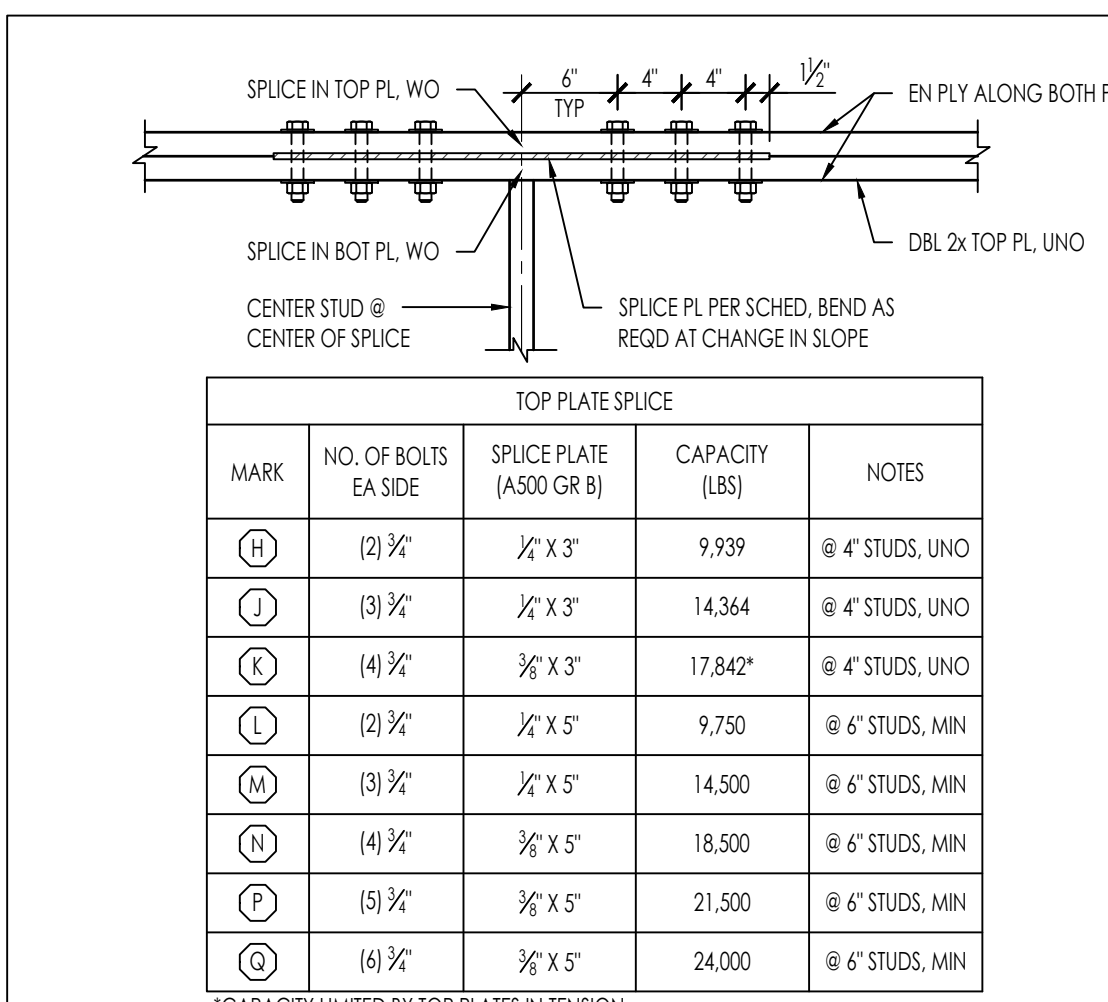
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**MONO COUNTY ADU
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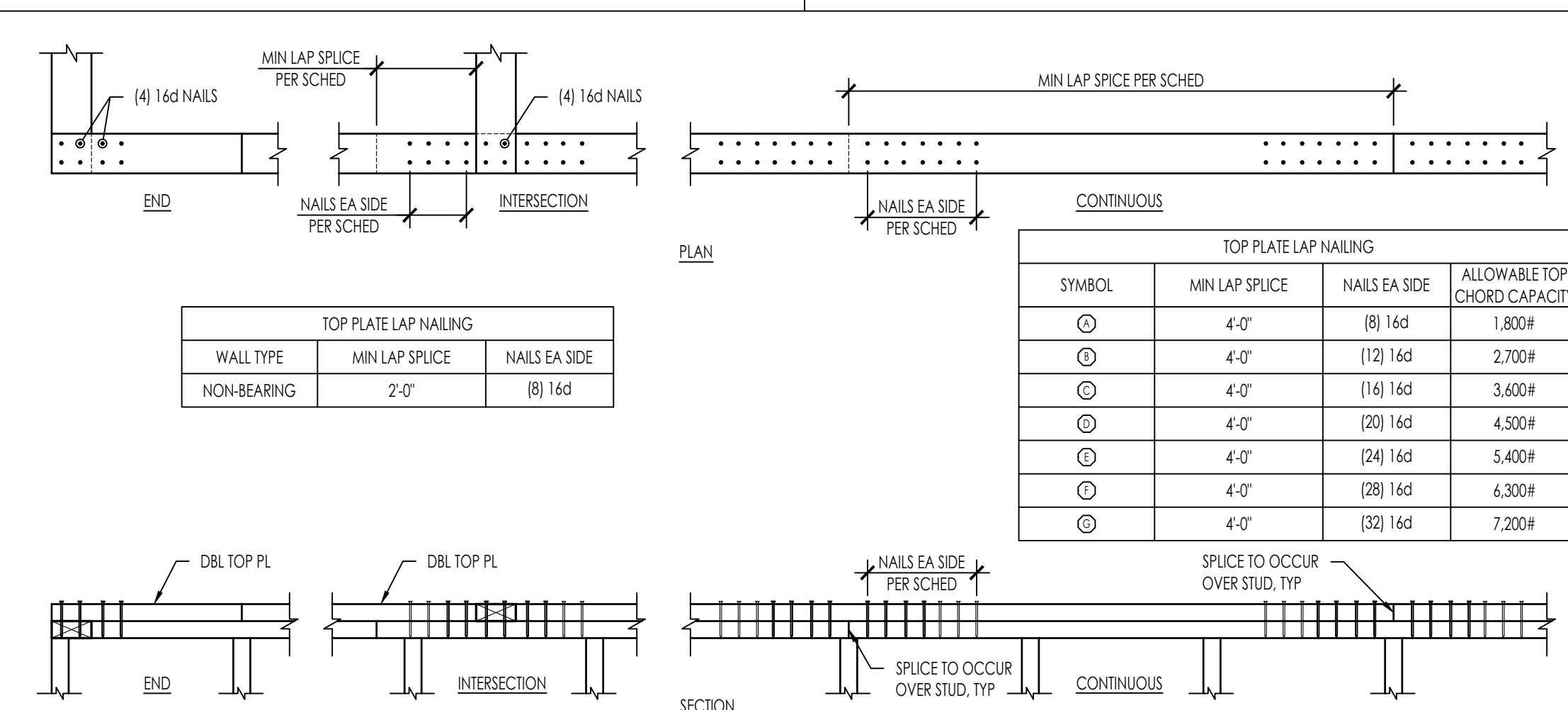
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S-403



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

*CAPACITY LIMITED BY TOP PLATES IN TENSION



TOP PLATE SPICE W/ STEEL TIE PLATE
2340-01-CU21 - 5403 - 31

DBL TOP PLATE SPICE NAILING
2340-01-CU21 - 5403 - 31

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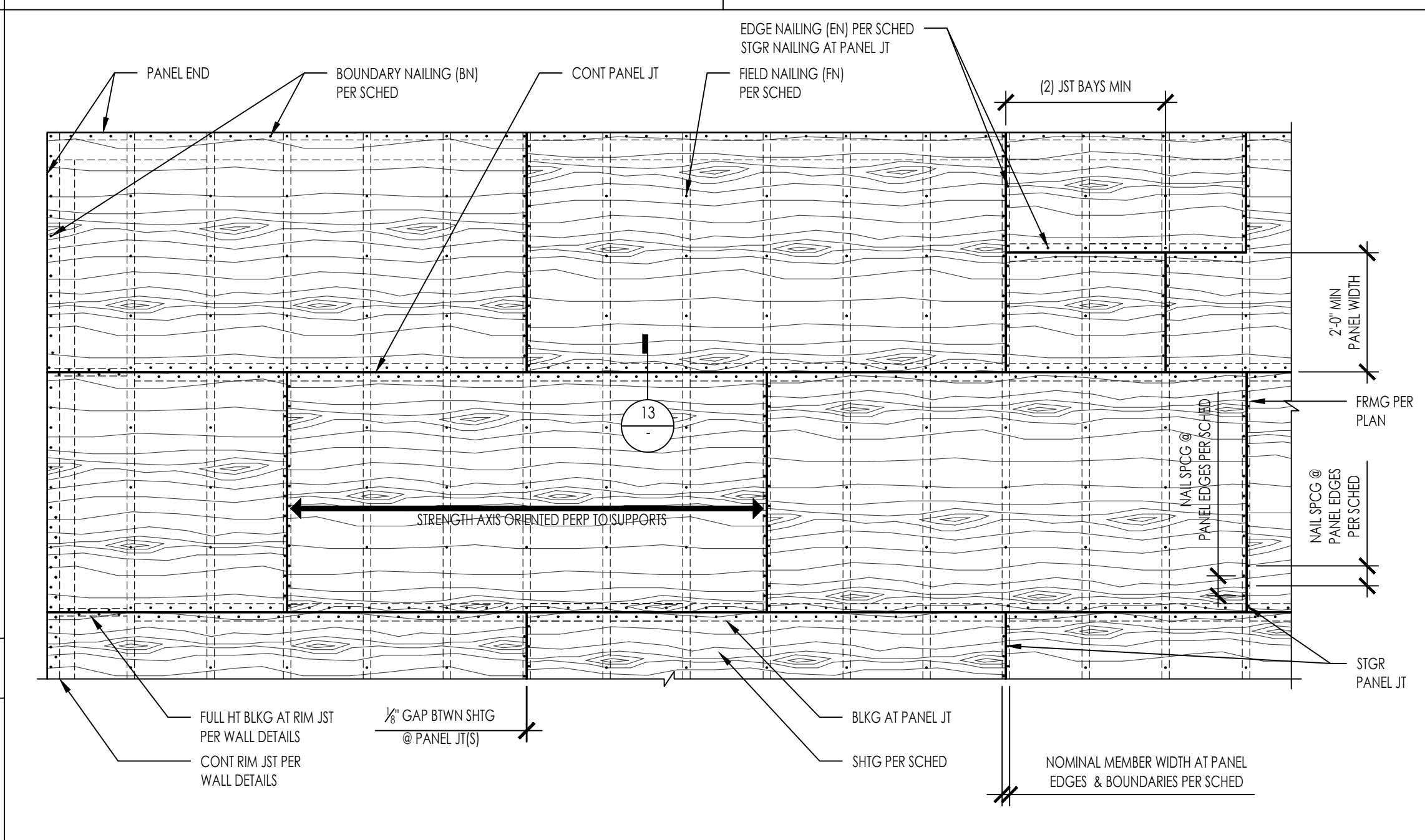
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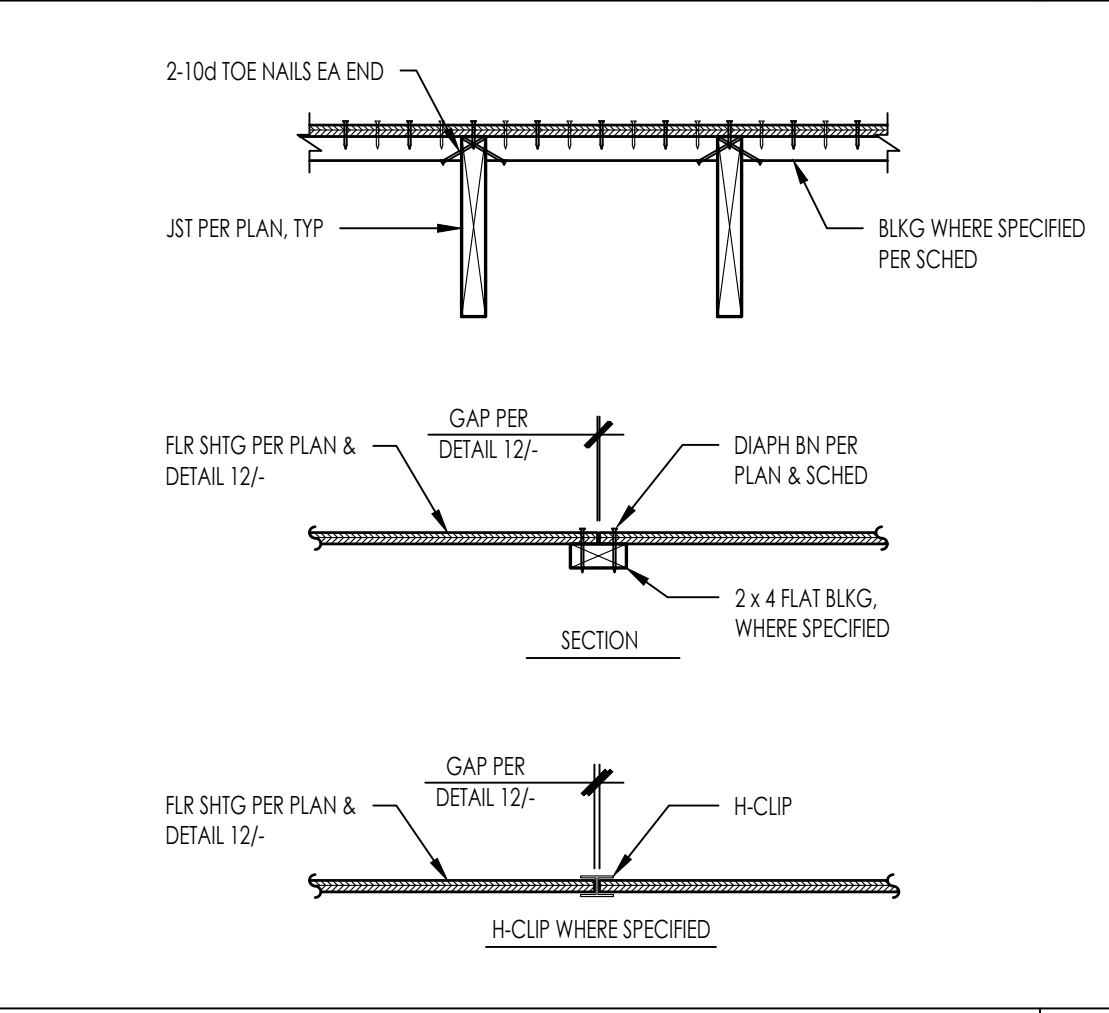
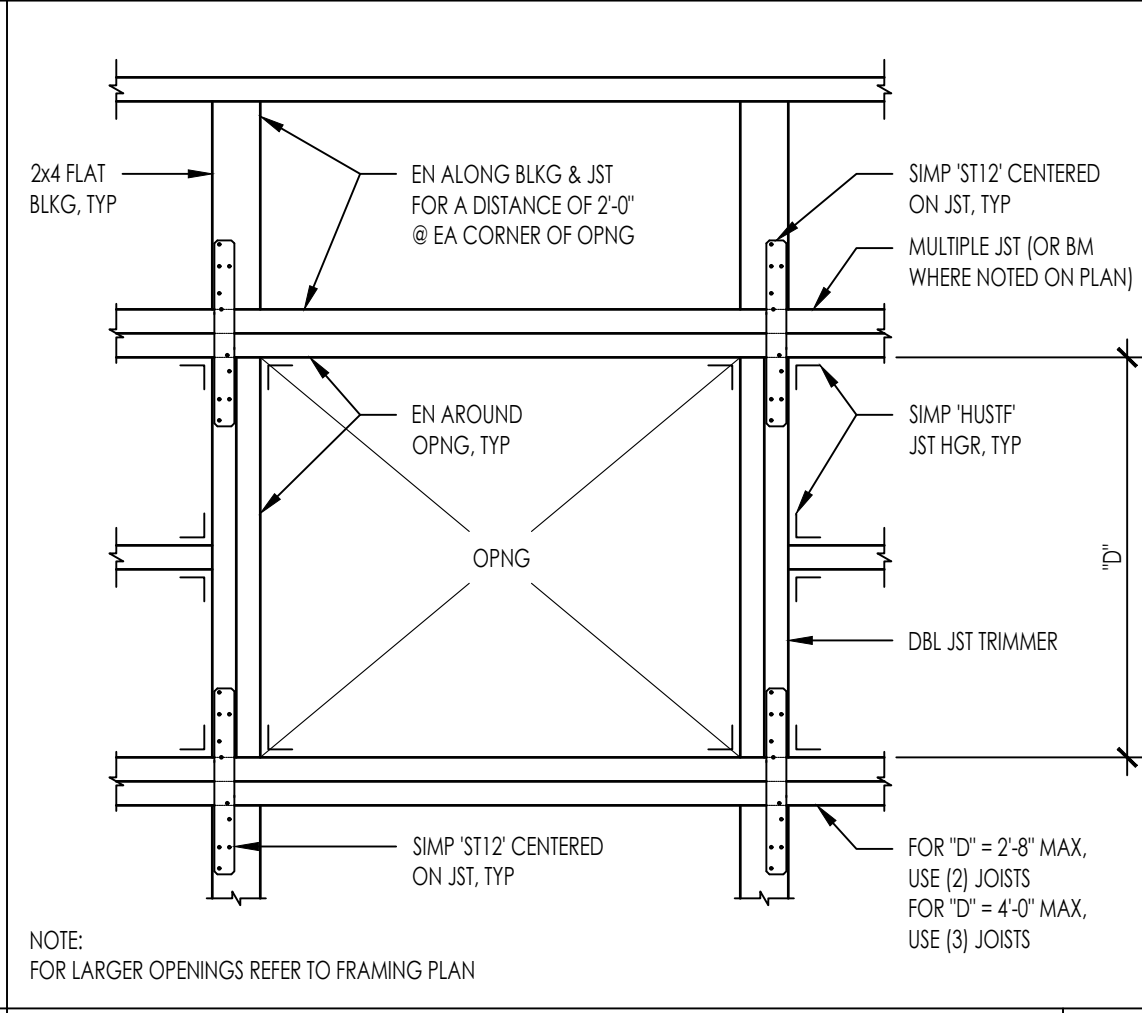
34



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	LINE 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" / 2 1/2"	STURD-FLOOR	48 / 24	NO	10d	6	-	6	12	T&G	1

- NOTES:
1. DIAPHRAGM SHALL BE GLUED TO FLOOR FRAMING PRIOR TO NAILING. REFER TO PROJECT GENERAL NOTES.
2. MINIMUM EDGE DISTANCE FOR NAILS SHALL BE 3/8" FROM SHEATHING EDGE AND 3/8" FROM LUMBER EDGE.
3. 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.
4. WHERE H-CLIPS ARE SPECIFIED, THEY SHOULD BE INSTALLED AS FOLLOWS:
A. 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.
B. USE THE SAME SIZE PANEL EDGE CLIP AS THE PANEL THICKNESS. H-CLIPS MUST FIT SNUGLY.
C. 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".

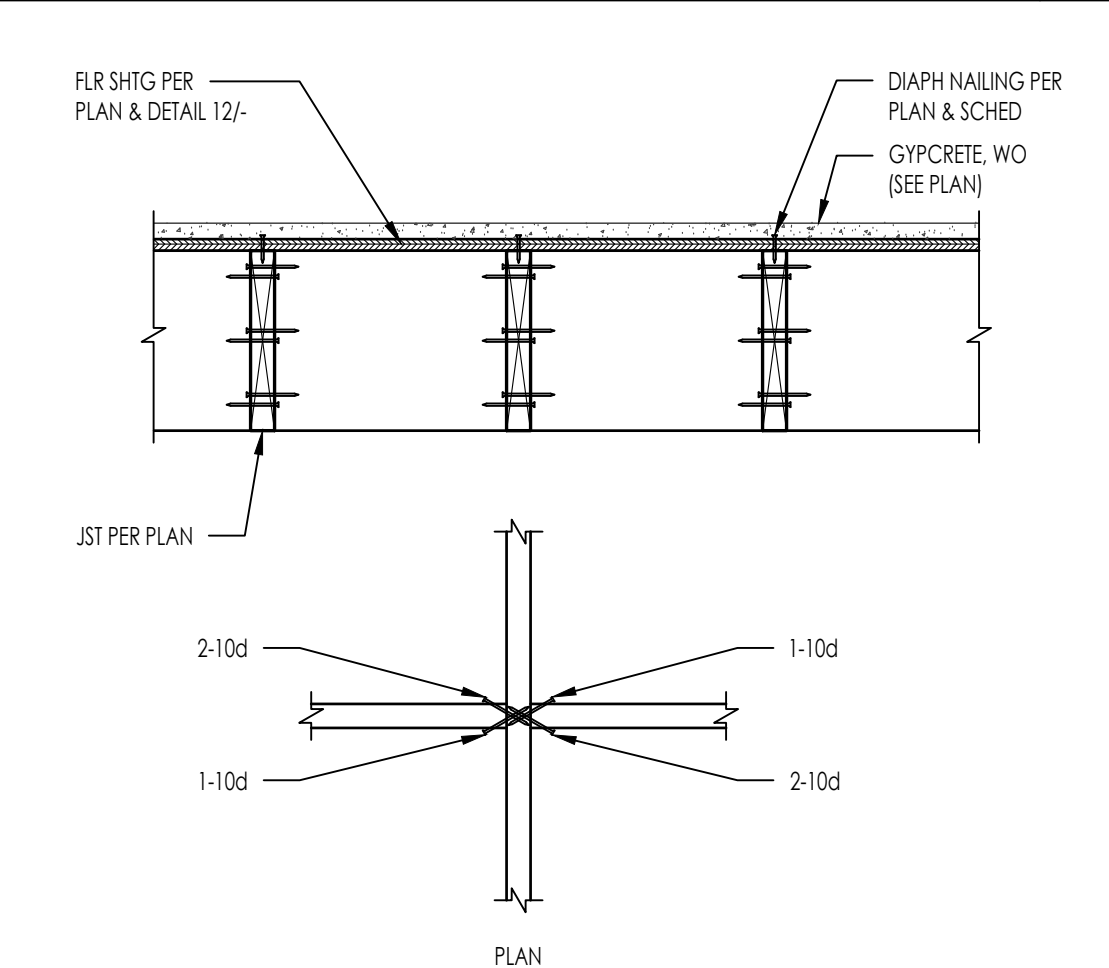
PLYWOOD DIAPHRAGM SHEATHING
2340-01-CU21 - 5403 - 12



OPENING AT FRAMING
2340-01-CU21 - 5403 - 23

DIAPHRAGM PANEL JOINTS
2340-01-CU21 - 5403 - 13

53



TYP JOIST BLOCKING
2340-01-CU21 - 5403 - 14

24

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**MONO COUNTY ADU
 PROTOTYPES**
 MONO COUNTY
 TYPICAL WOOD DETAILS

CONSTRUCTION DOCUMENTS

NO.	REVISION	DATE

PROJECT MANAGER
J. MEADOWS
 DRAWN BY
A. LOPEZ
 DATE
AUGUST 18, 2022
 PROJECT NUMBER
2340-01-CU21
 SHEET

S-404

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 BLDG 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		

STRAP ACROSS FLOOR

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	

1.5SE LSL BEAMS & HEADERS

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

1.5SE LSL HEADERS & BEAMS

LVL, PSL, & 1.3E LSL BEAMS & HEADERS

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

DRAG STRAP AT BEAM-TO-WALL

53

BLOCK & STRAP PERP TO FRMG

43

SAWN LUMBER AND RAFTER JOIST NOTCHING AND BORING LIMITATIONS

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

TYP WALL NOTCH AND BORING LIMITATIONS

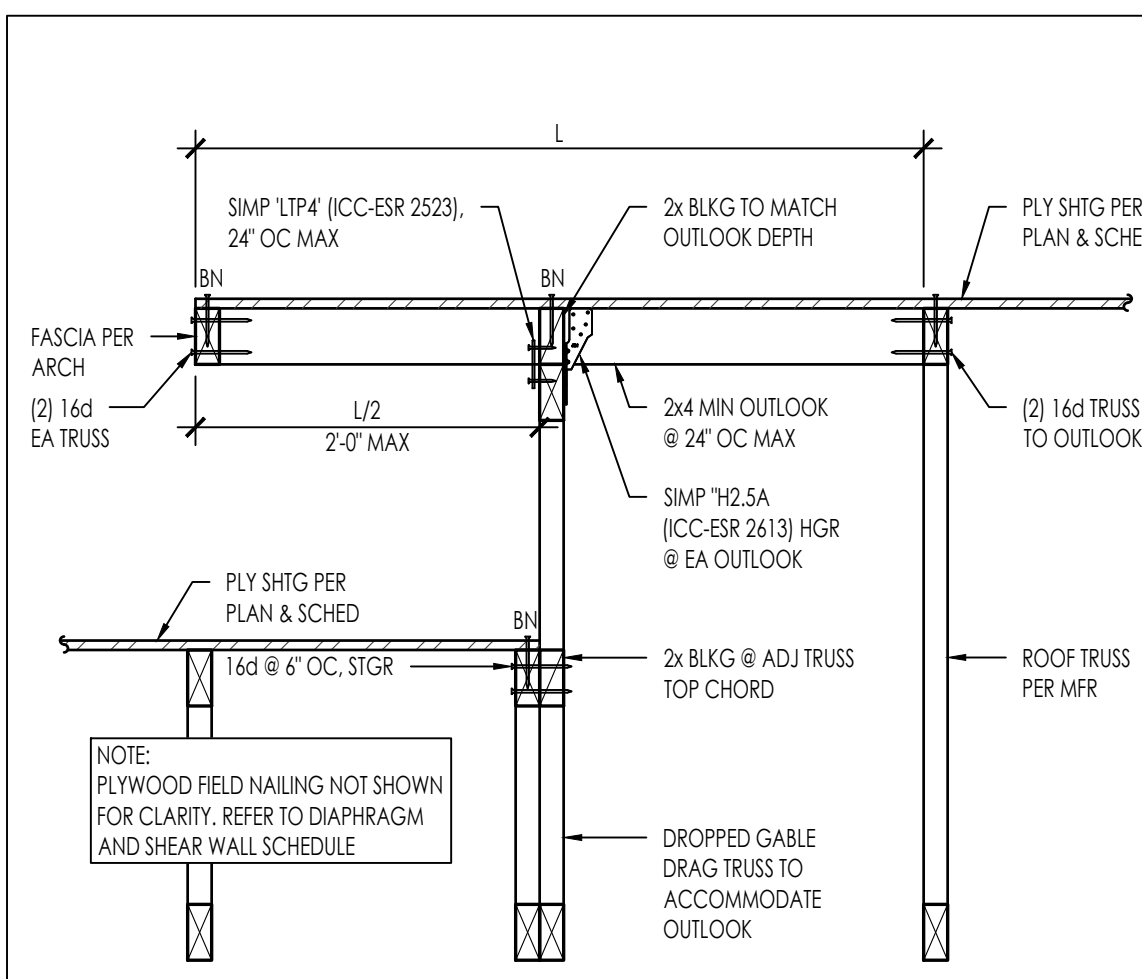
24

STUD SIZE (IN)	APPLICATION	MAX HOLE DIAMETER (IN)	MAX NOTCH DEPTH (IN)
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"

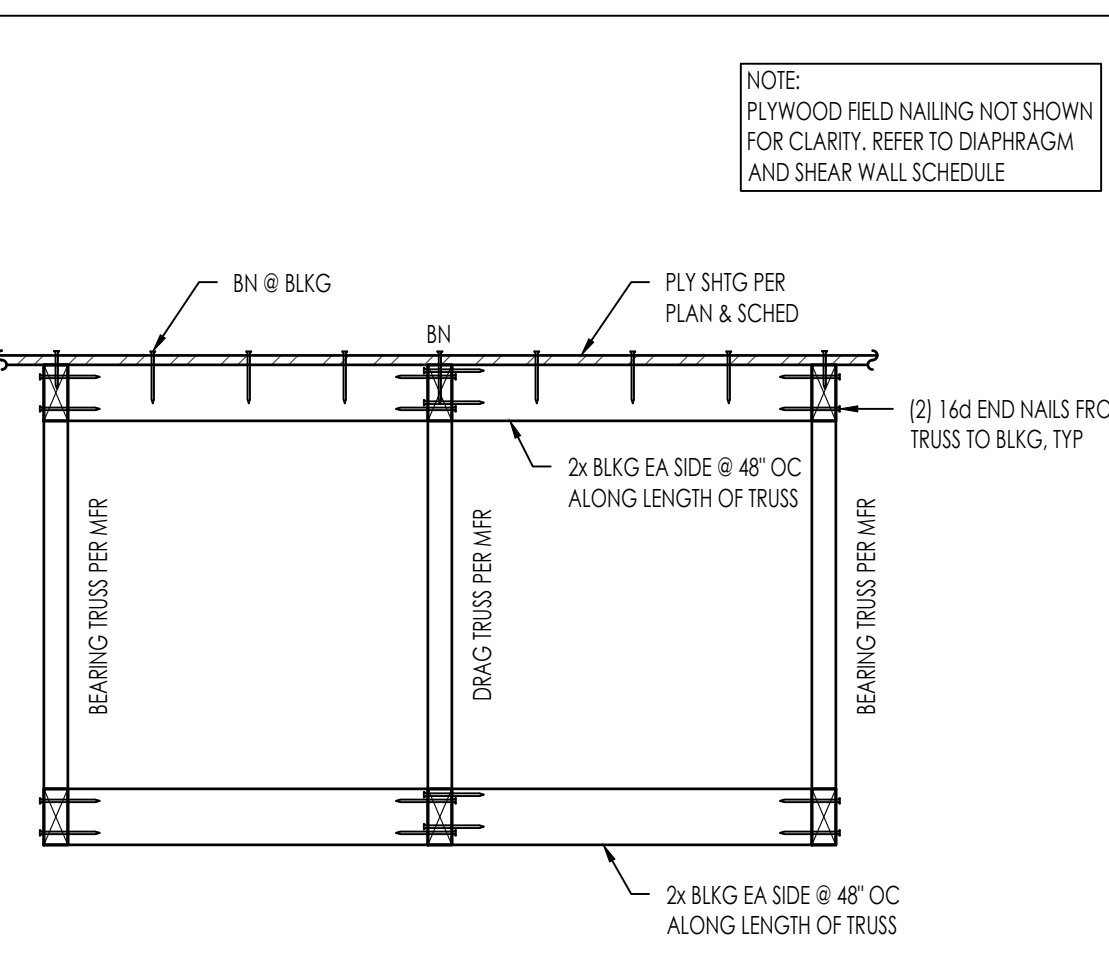
TOP PL AND SILL NOTCH AND BORING LIMITATIONS

TOP PL OR SILL PL	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"	1/2"	9
2X8	3/4"	3"	3/4"	3/4"	1 1/4"	12

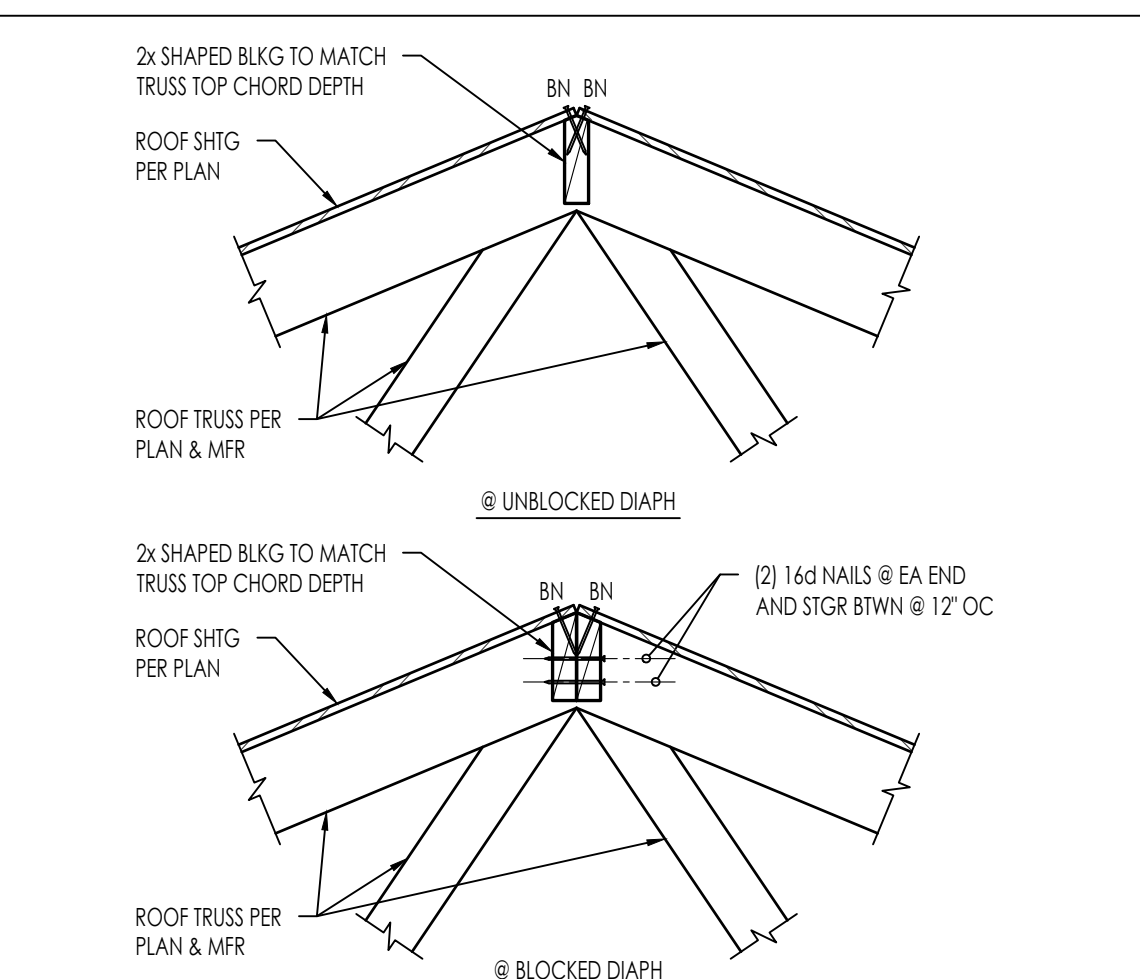
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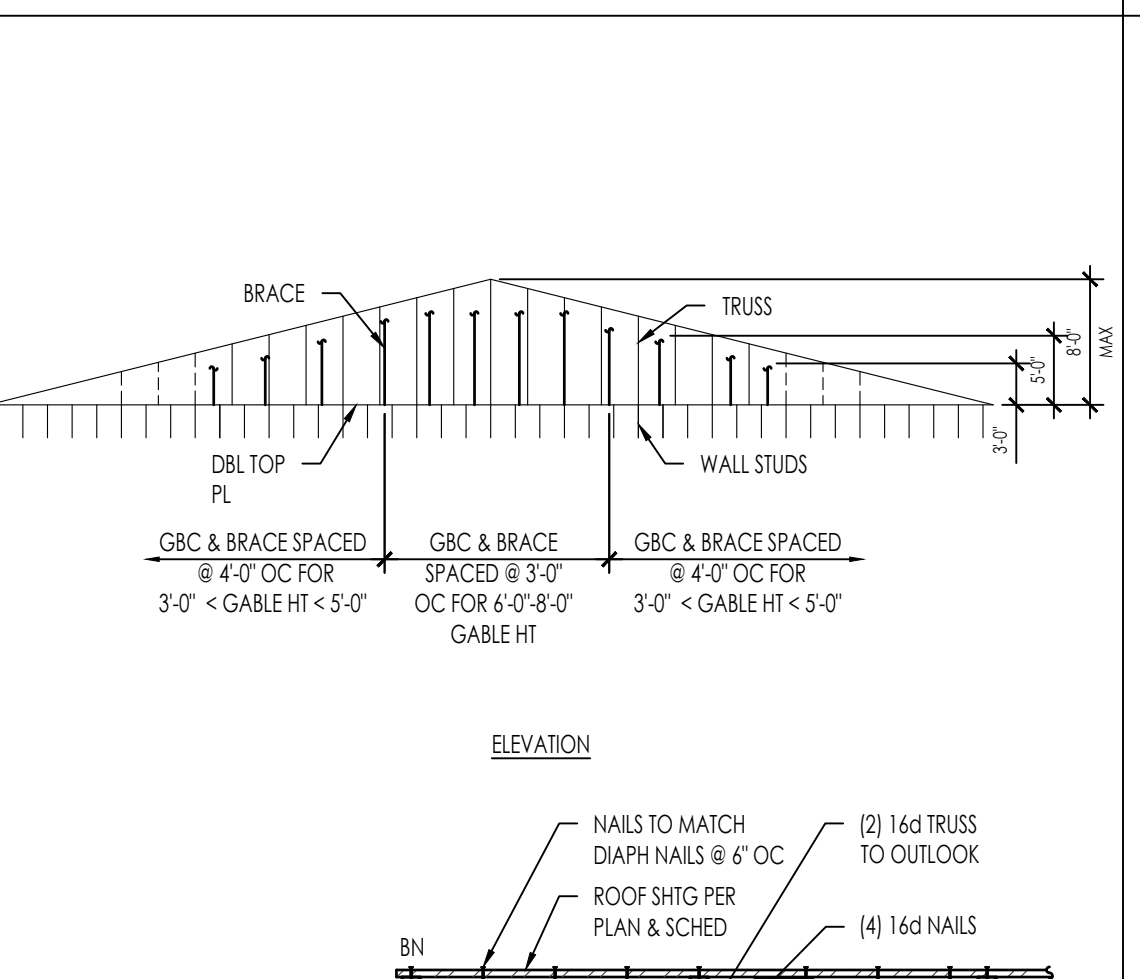
DIAPH TRANSITION W/ OVERHANG
 2340-01-CU21 - 5401 - 51 1" = 1'-0" 51



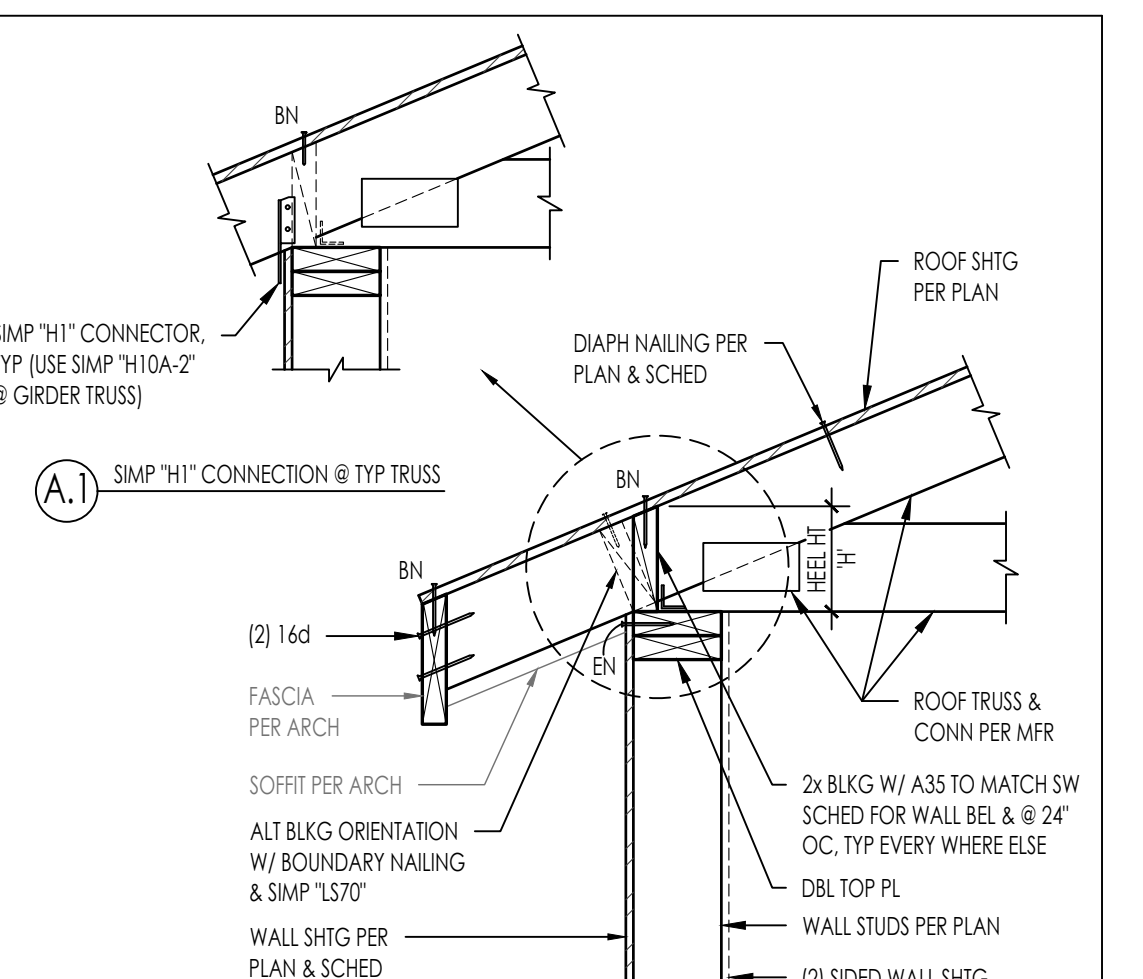
INTERIOR DRAG TRUSS
 2340-01-CU21 - 5401 - 41 1" = 1'-0" 41



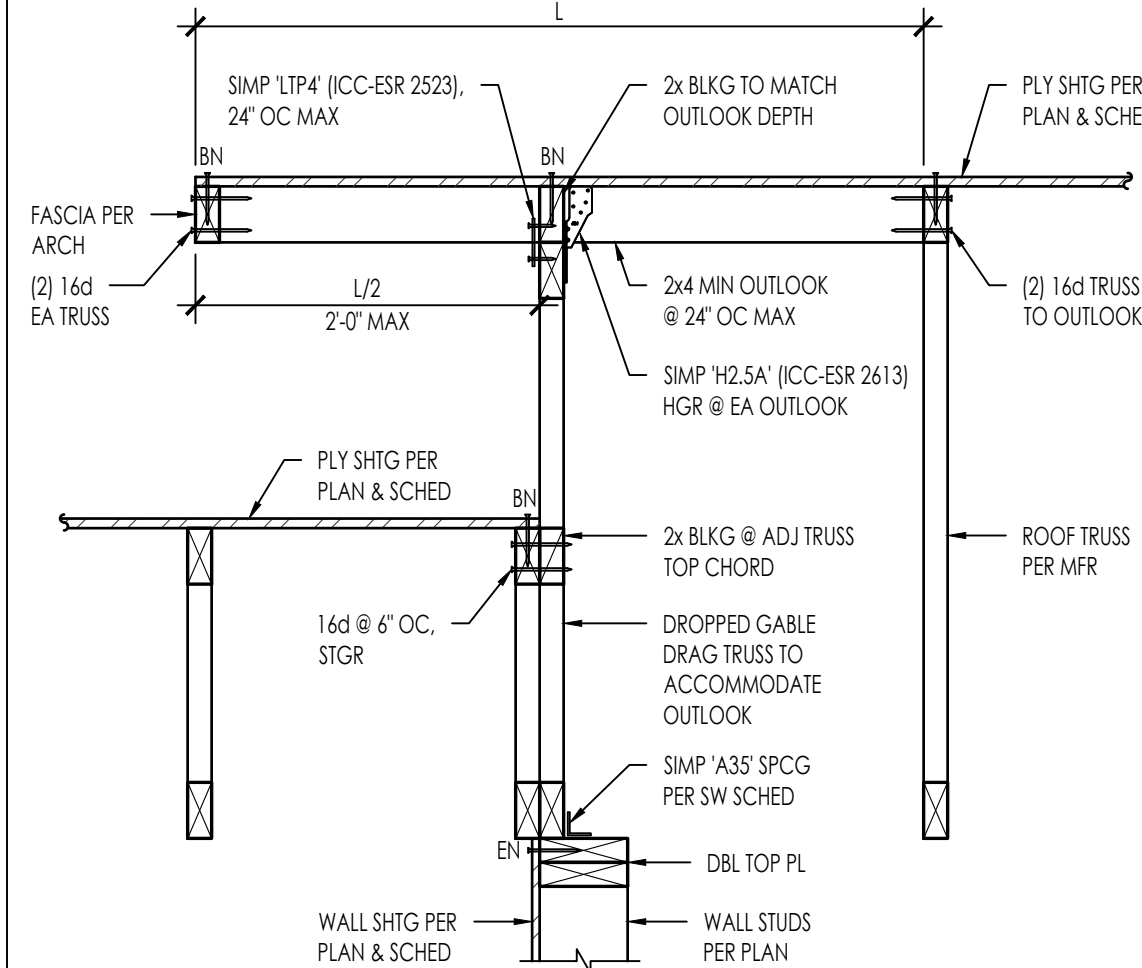
SHEATHING OVER ROOF RIDGE
 2340-01-CU21 - 5401 - 31 1" = 1'-0" 31



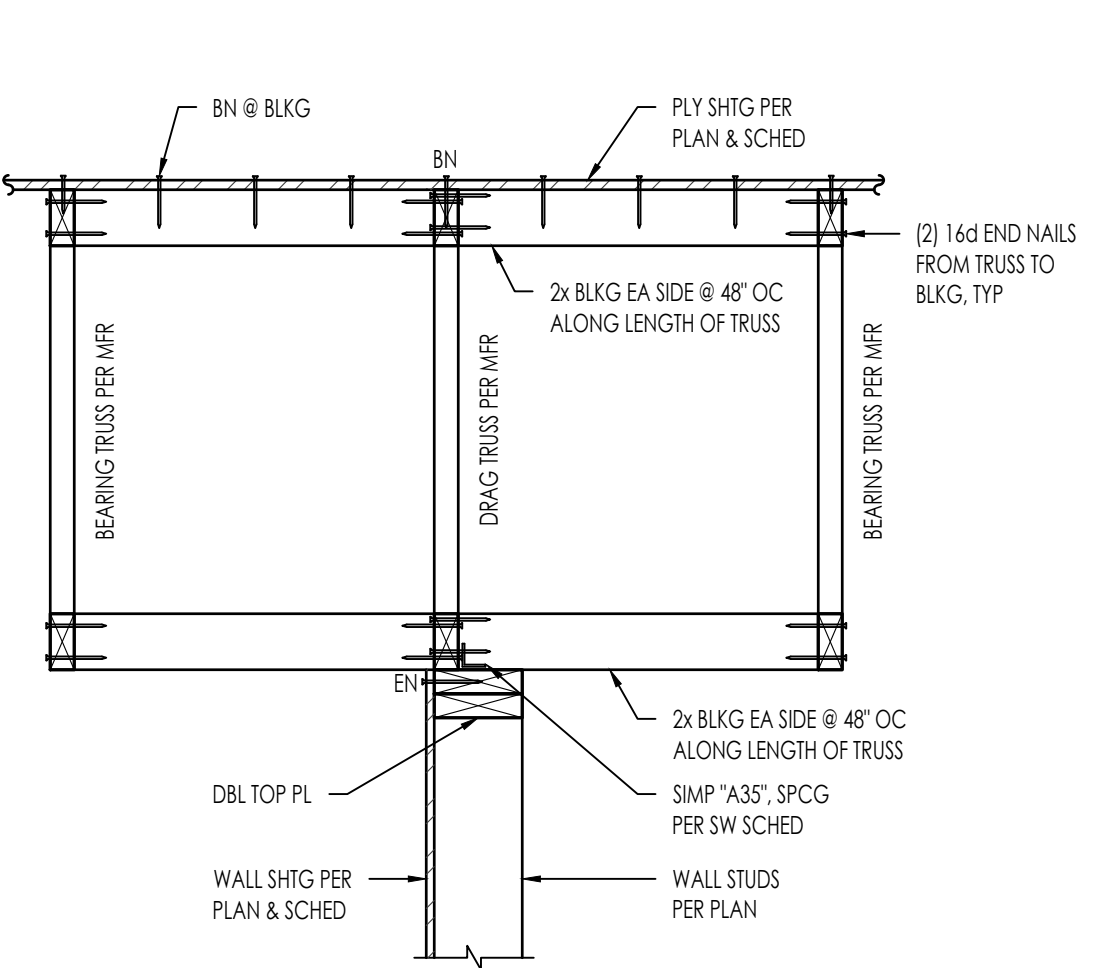
TRUSS TO GIRDER TRUSS
 2340-01-CU21 - 5401 - 32 1" = 1'-0" 32



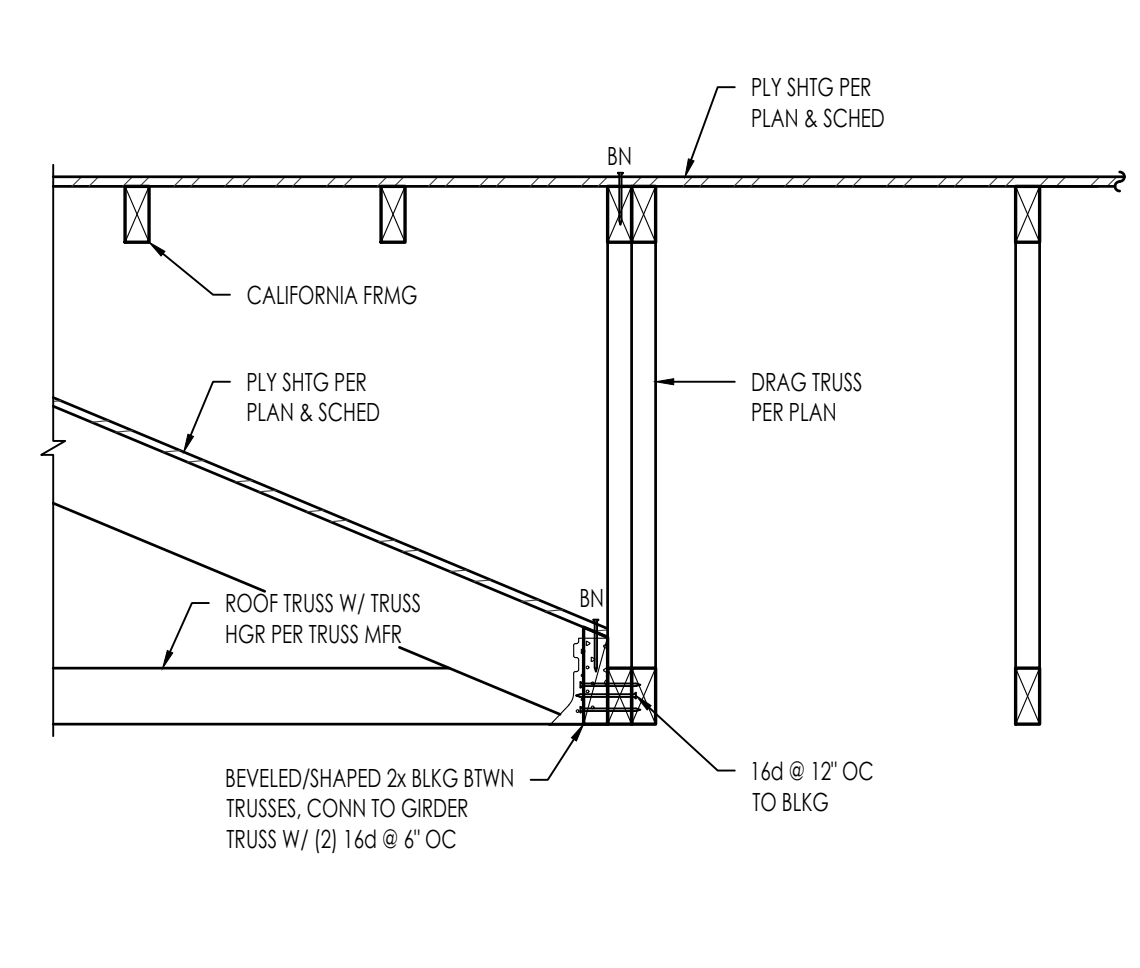
GABLE END TRUSS
 2340-01-CU21 - 5401 - 23 NTS 23



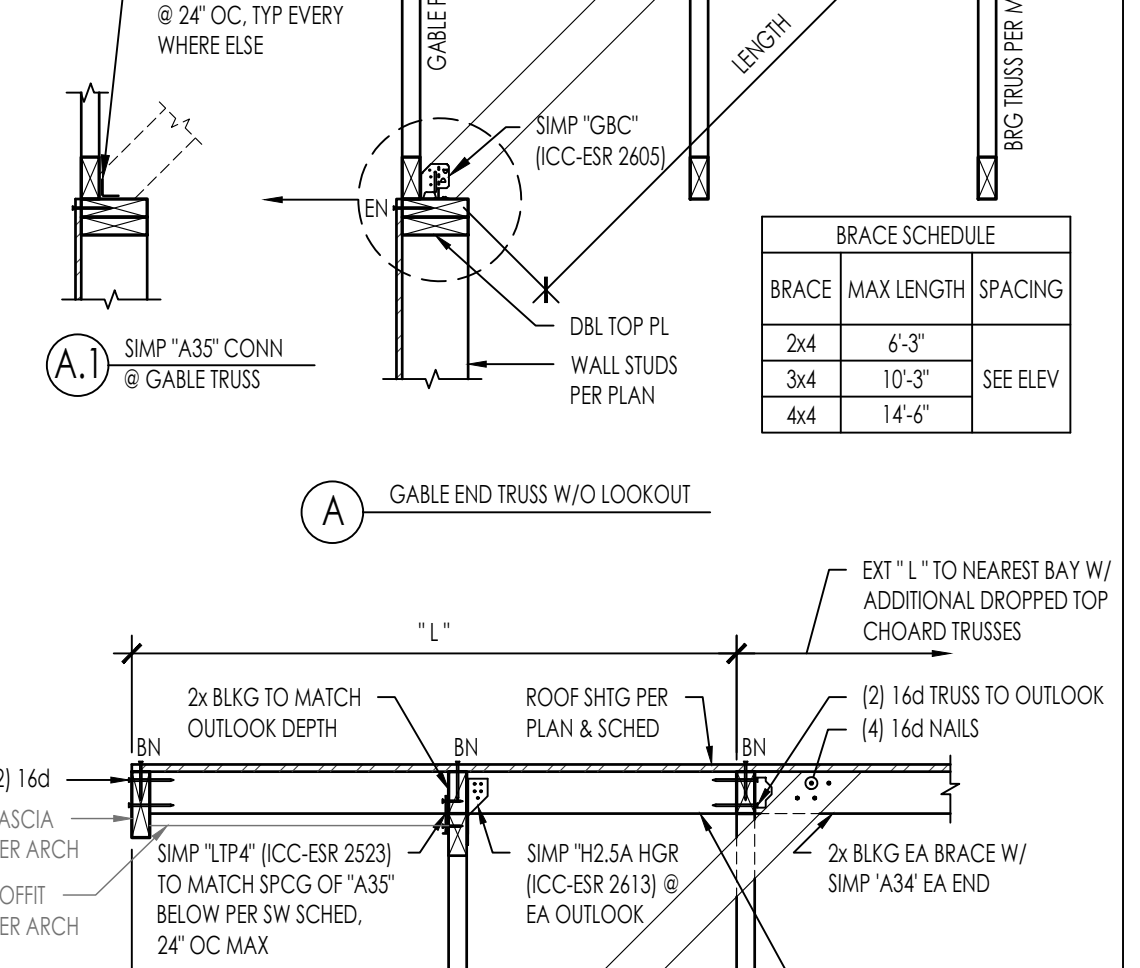
DIAPH TRANSITION W/ OVERHANG
 2340-01-CU21 - 5401 - 52 1" = 1'-0" 52



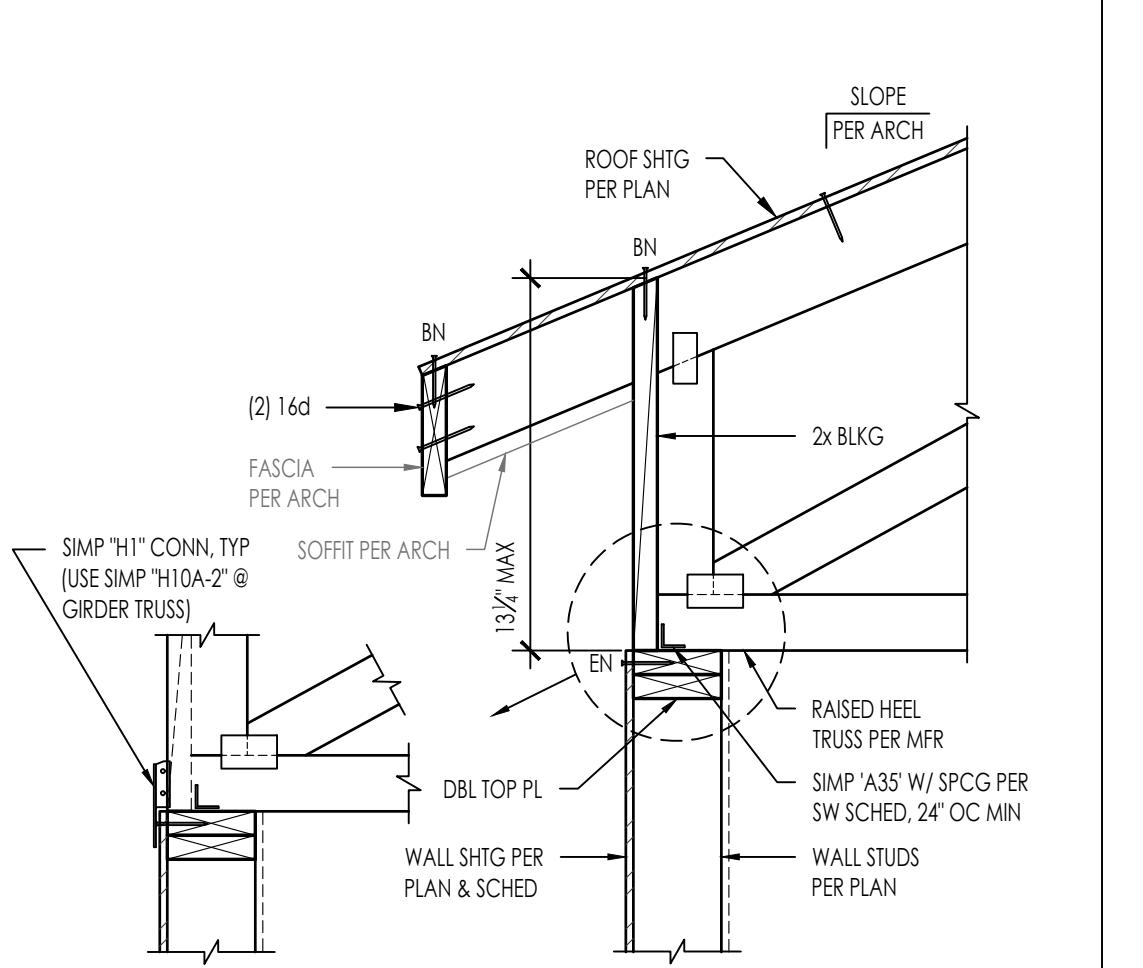
INTERIOR SHEAR WALL (ROOF TRUSS PARALLEL)
 2340-01-CU21 - 5401 - 42 1" = 1'-0" 42



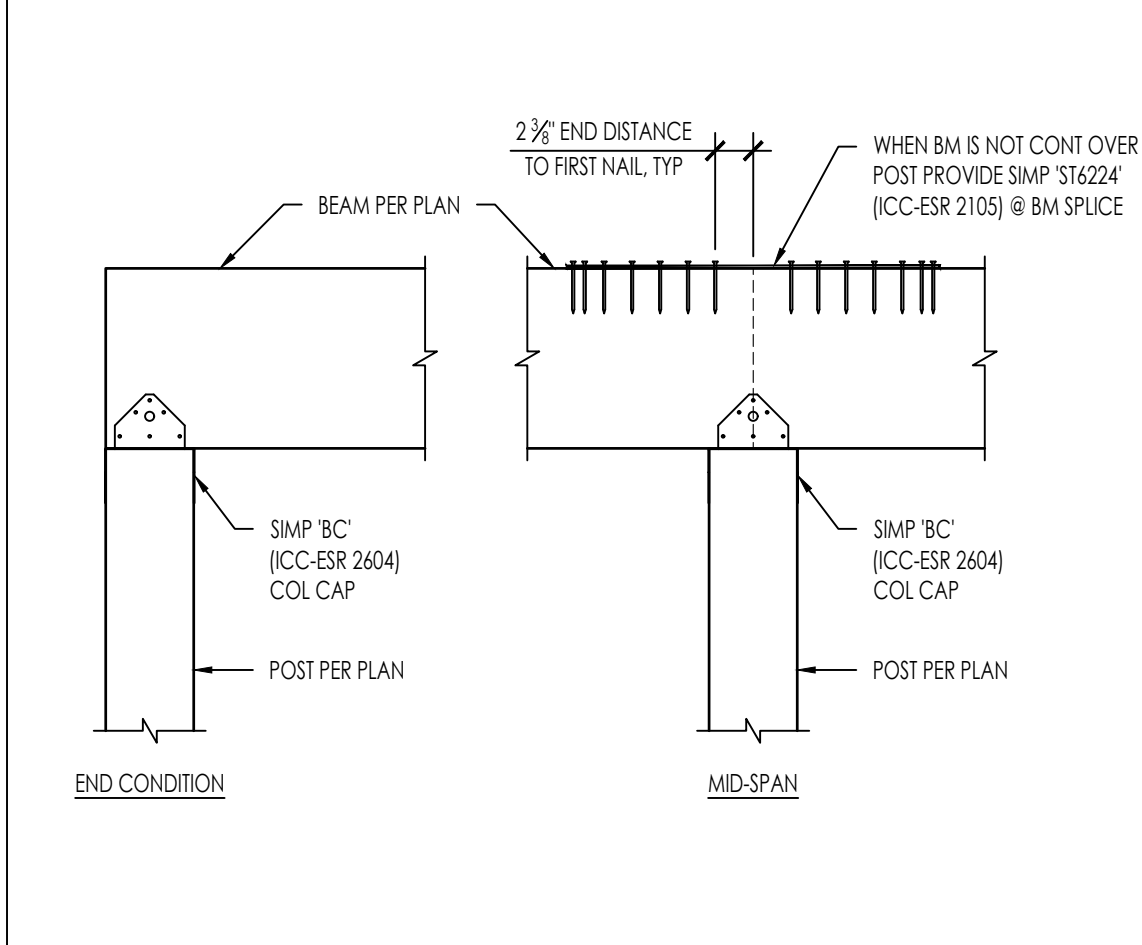
TRUSS TO GIRDER TRUSS W/ WALL BELOW
 2340-01-CU21 - 5401 - 33 1" = 1'-0" 33



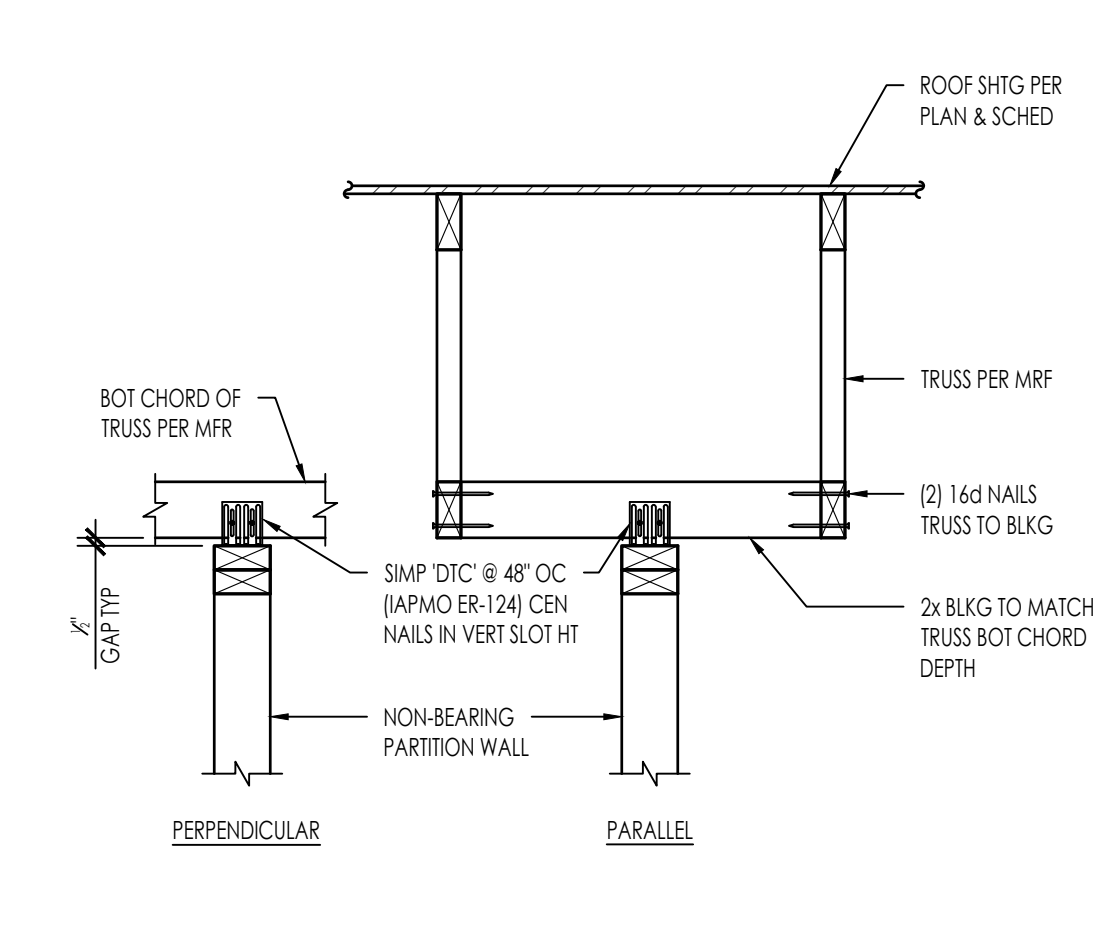
CALIFORNIA FRAMING SLEEPER
 2340-01-CU21 - 5401 - 34 NTS 34



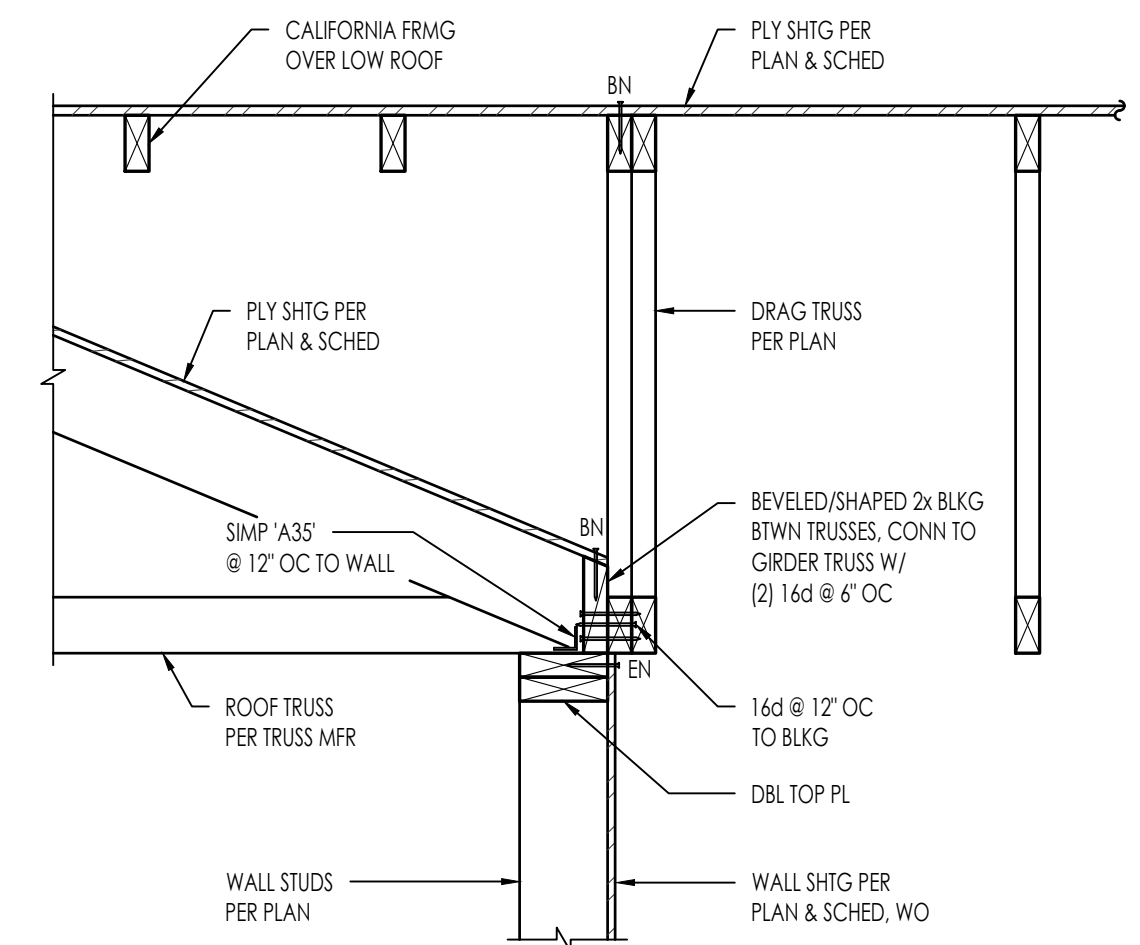
ROOF TRUSS PERP TO EXTERIOR WALL
 2340-01-CU21 - 5401 - 13 NTS 13



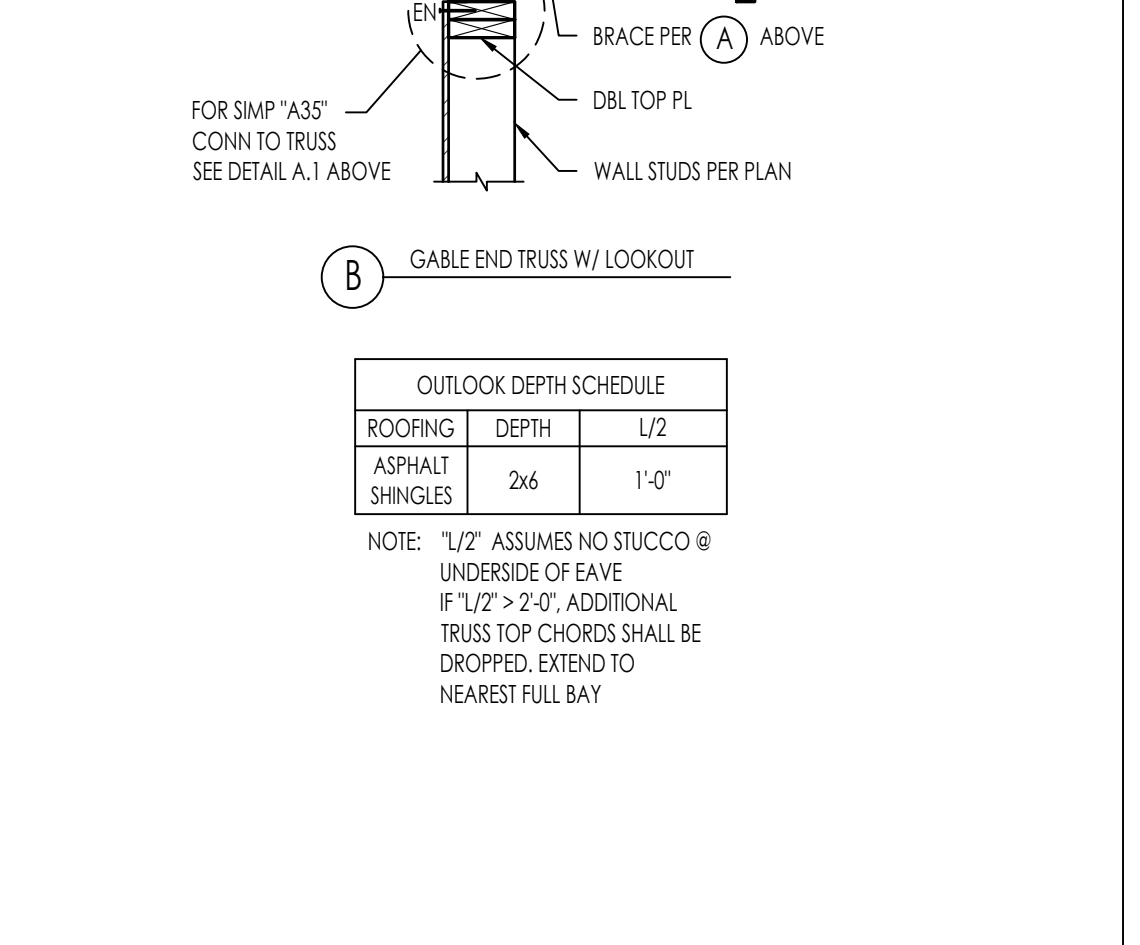
BEAM TO POST CONNECTION
 2340-01-CU21 - 5401 - 53 1" = 1'-0" 53



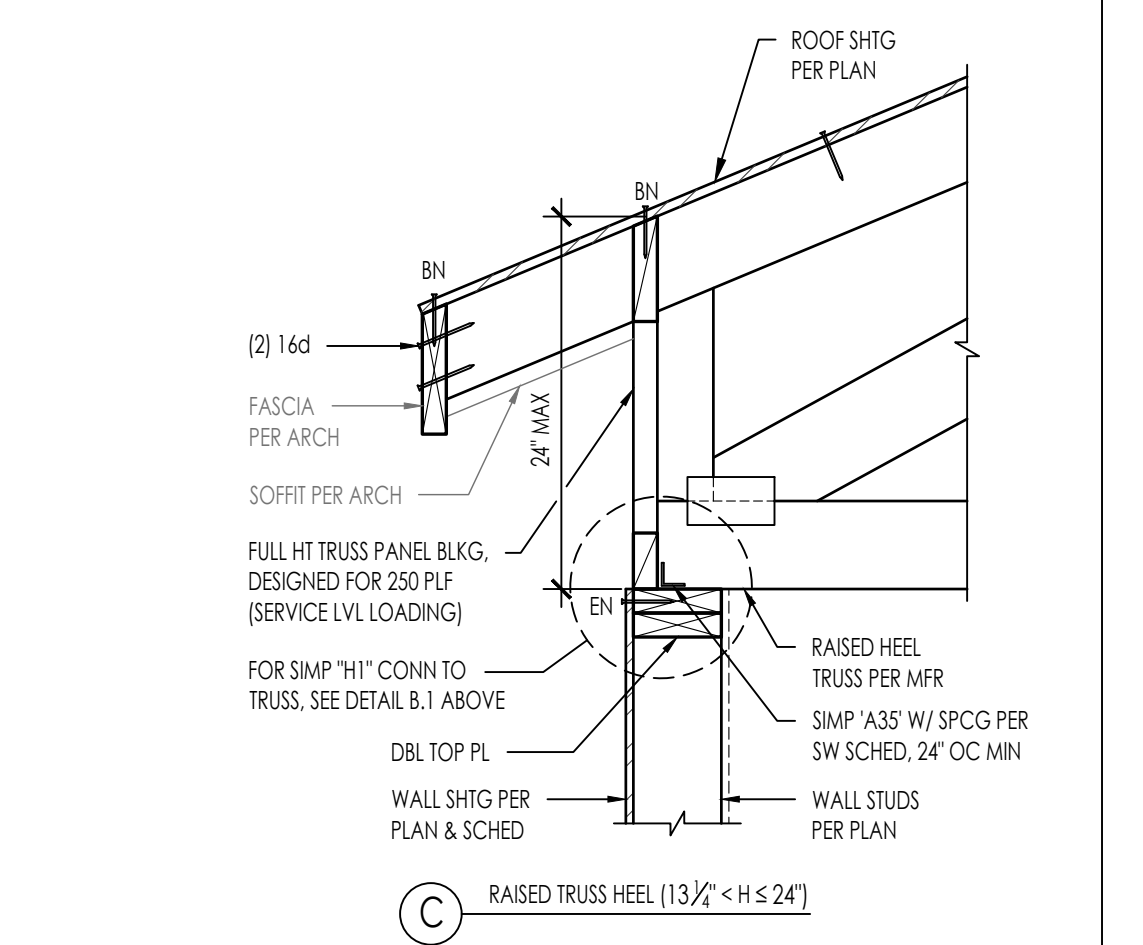
TRUSS OVER NON-BEARING PARTITION
 2340-01-CU21 - 5401 - 43 1" = 1'-0" 43



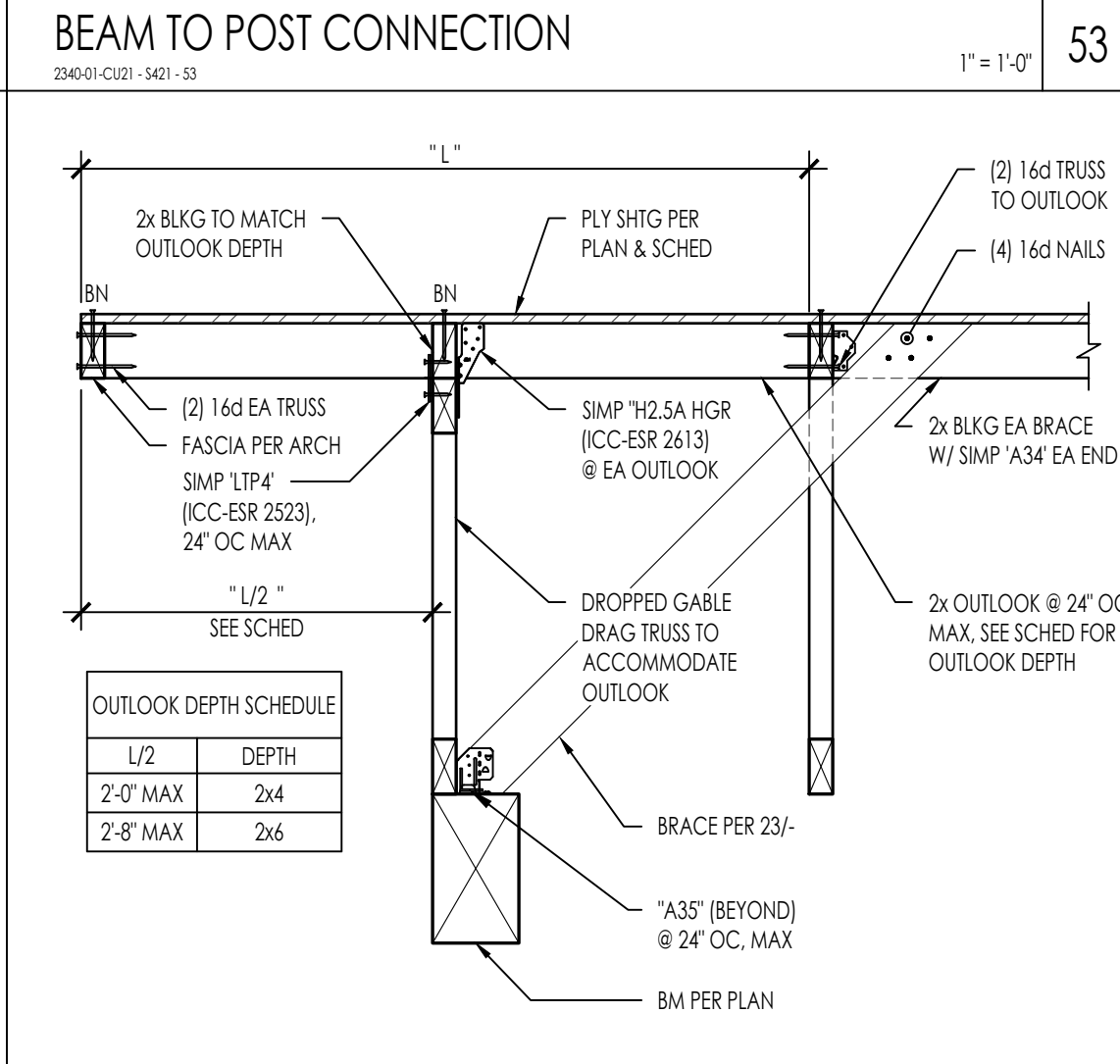
GABLE END TRUSS W/ LOOKOUT @ BEAM
 2340-01-CU21 - 5401 - 54 1" = 1'-0" 54



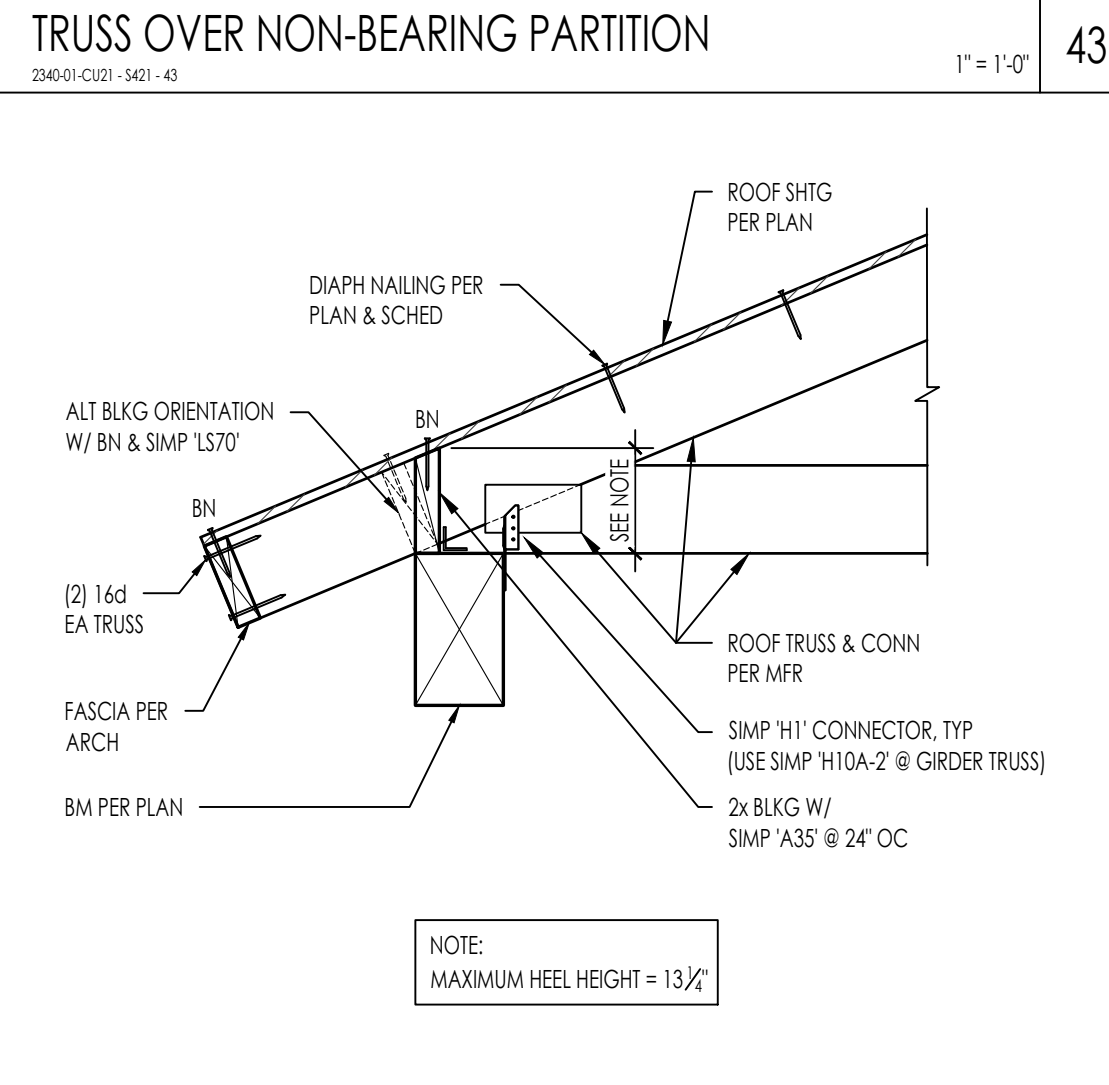
ROOF TRUSS PERP TO EXTERIOR WALL
 2340-01-CU21 - 5401 - 24 NTS 24



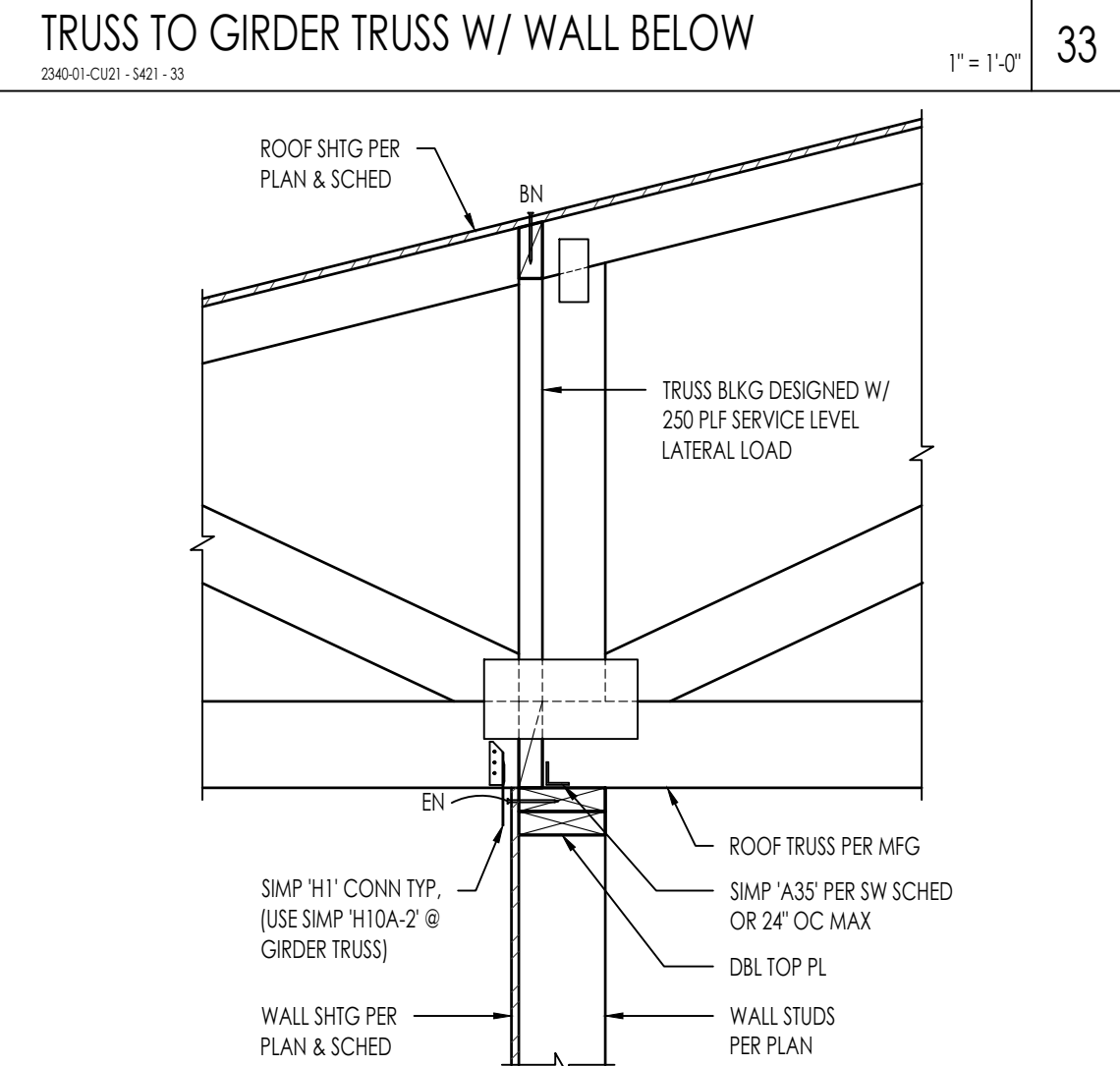
ROOF TRUSS PERP TO EXTERIOR WALL
 2340-01-CU21 - 5401 - 14 NTS 14



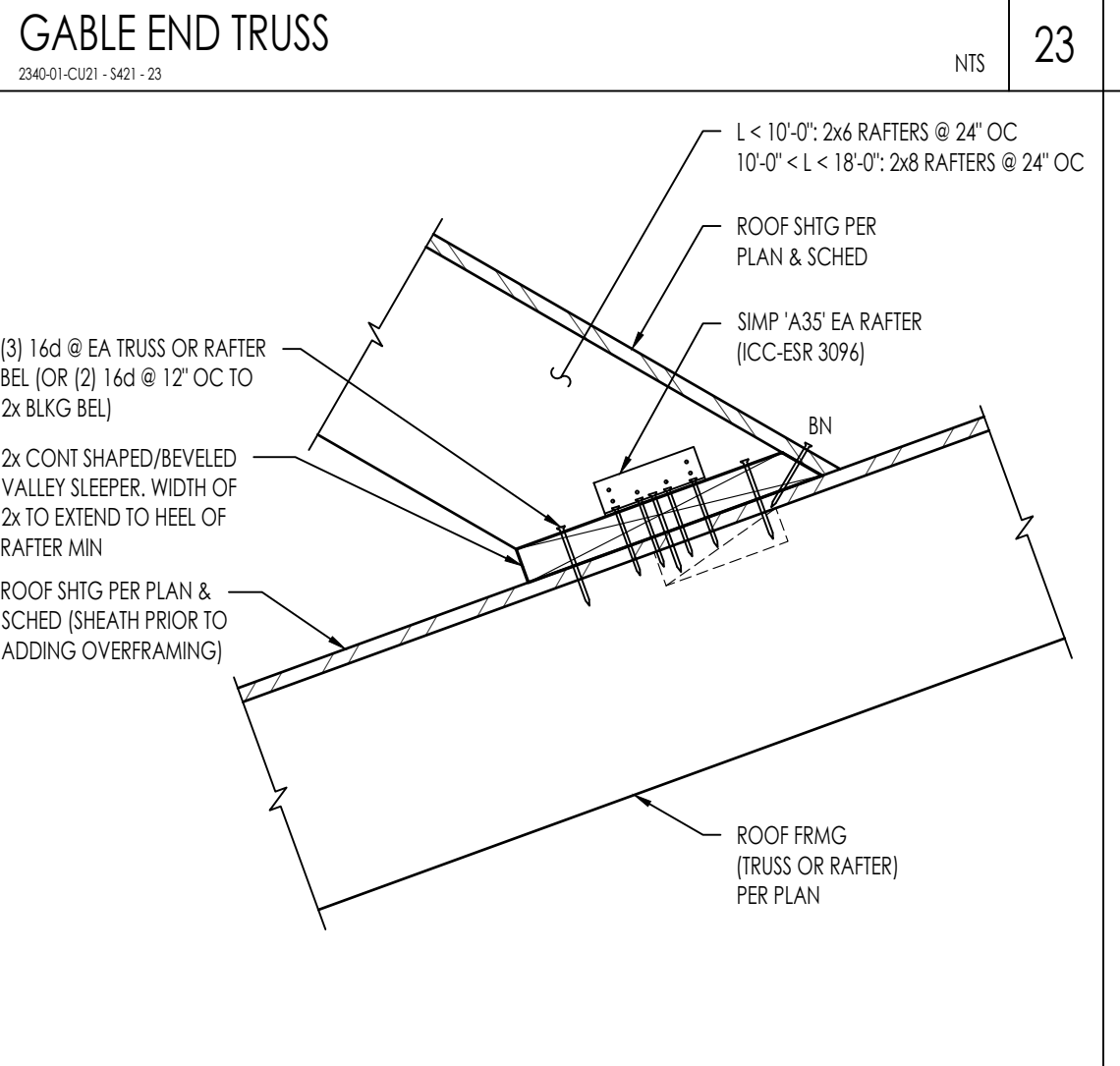
GABLE END TRUSS W/ LOOKOUT @ BEAM
 2340-01-CU21 - 5401 - 54 1" = 1'-0" 54



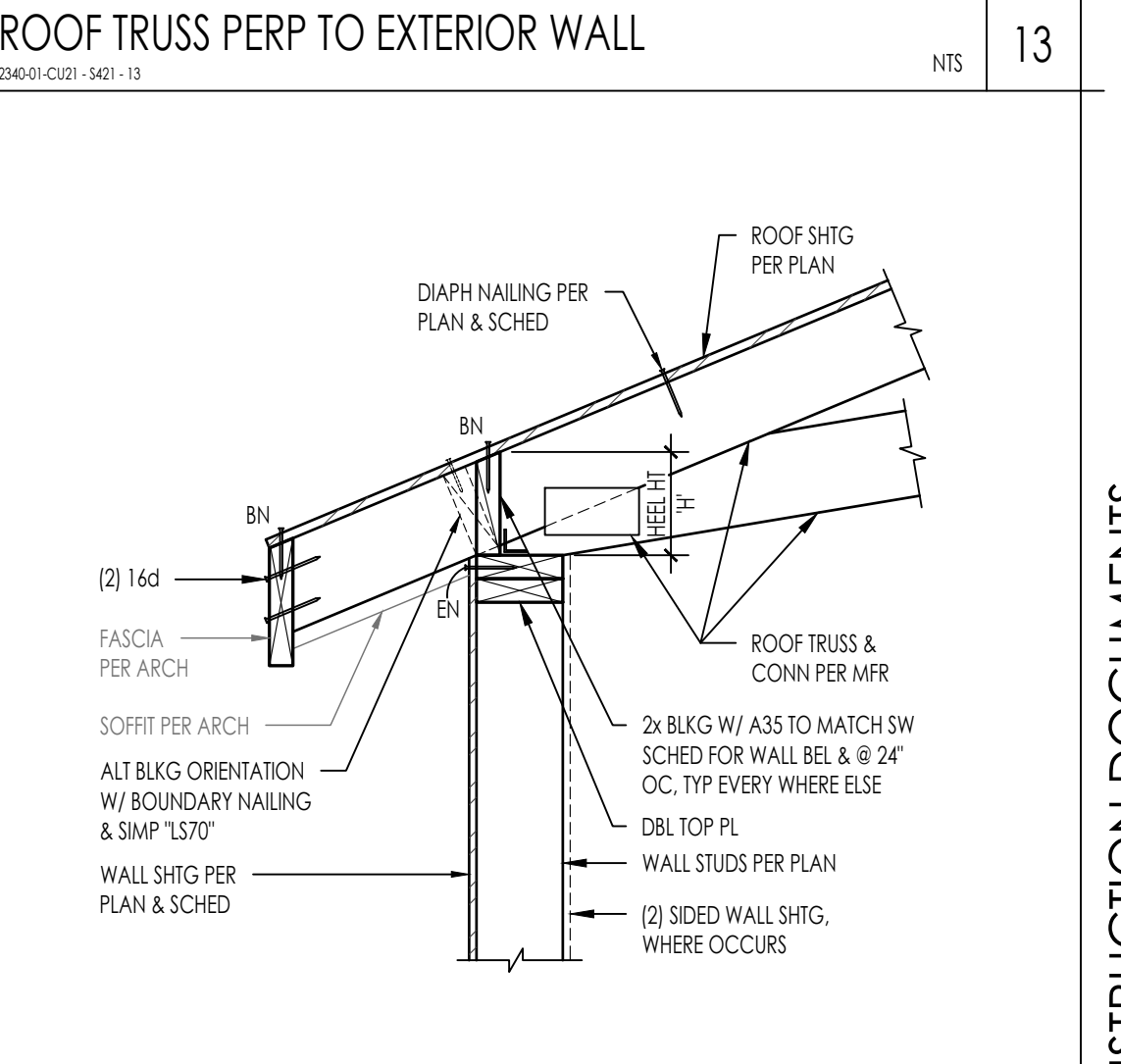
ROOF TRUSS PERP TO BEAM
 2340-01-CU21 - 5401 - 44 1" = 1'-0" 44



TRUSS INTERIOR BEARING WALL
 2340-01-CU21 - 5401 - 36 1" = 1'-0" 36



CALIFORNIA FRAMING SLEEPER
 2340-01-CU21 - 5401 - 25 NTS 25



ROOF TRUSS PERP TO EXTERIOR WALL
 2340-01-CU21 - 5401 - 15 NTS 15

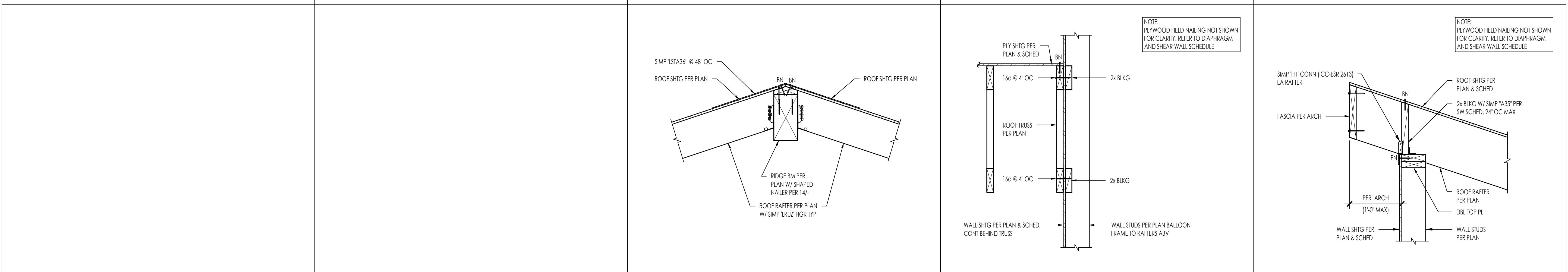
CONSULTANT
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MONO COUNTY ADU PROTOTYPES
 MONO COUNTY
ROOF FRAMING DETAILS

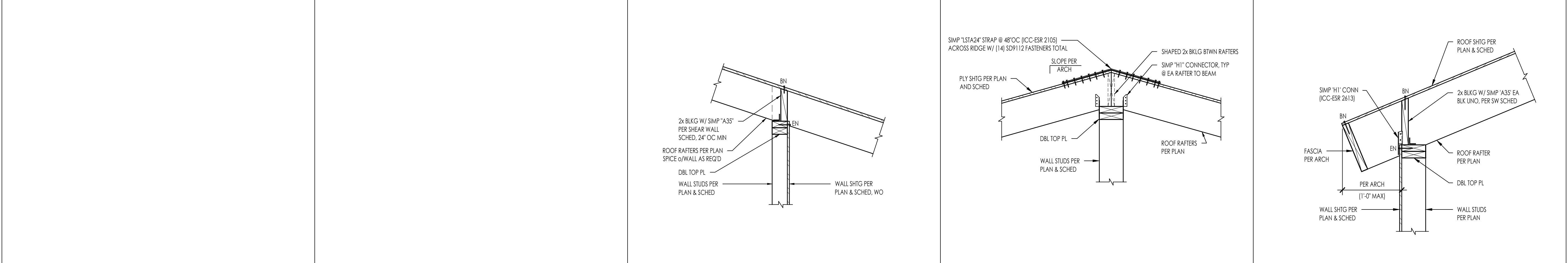
NO.	REVISION	DATE

PROJECT MANAGER
 J. MEADOWS
 DRAWN BY
 A. LOPEZ
 CHECKED BY
 M. DOREMUS
 DATE
 AUGUST 18, 2022
 PROJECT NUMBER
 2340-01-CU21
 SHEET
S-421

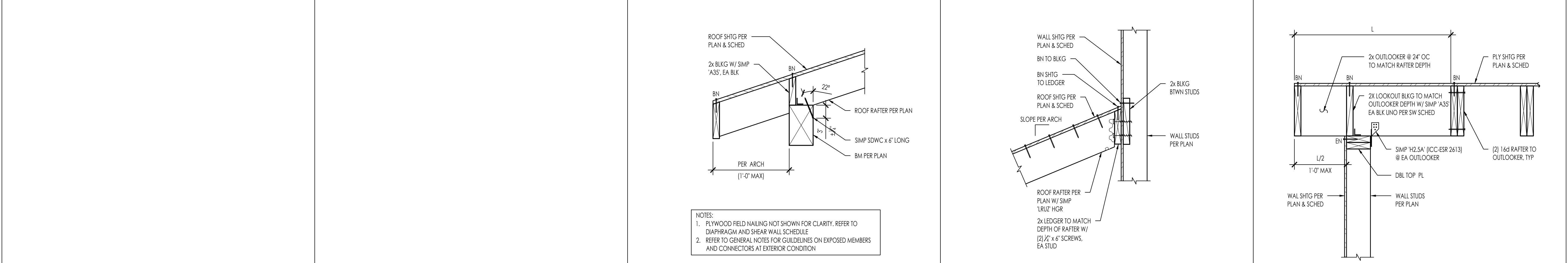
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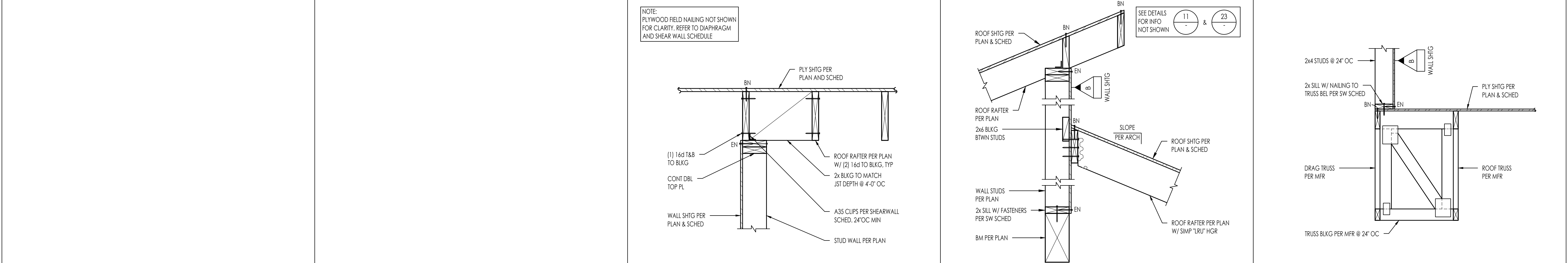
51	41	ROOF RIDGE 2340-01-CU21 - 5422 - 31	1" = 1'-0"	31	TRUSS ROOF @ BALLOON FRAMING 2340-01-CU21 - 5422 - 31	1" = 1'-0"	21	RAFTER @ EXTERIOR SHEAR WALL 2340-01-CU21 - 5422 - 11	1" = 1'-0"	11
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52	42	RAFTER TO WALL BELOW 2340-01-CU21 - 5422 - 32	1" = 1'-0"	32	RIDGE @ WALL BELOW 2340-01-CU21 - 5422 - 32	1" = 1'-0"	22	RAFTER @ EXTERIOR SHEAR WALL 2340-01-CU21 - 5422 - 11	1" = 1'-0"	12
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53	43	ROOF RAFTER TO BEAM 2340-01-CU21 - 5422 - 33	1" = 1'-0"	33	ROOF RAFTER TO EXTERIOR WALL (PERP) 2340-01-CU21 - 5422 - 33	1" = 1'-0"	23	OUTLOOKER @ EXTERIOR SHEAR WALL 2340-01-CU21 - 5422 - 13	1" = 1'-0"	13
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54	44	INTERIOR SHEAR WALL (JOIST PARALLEL) 2340-01-CU21 - 5422 - 34 (REV)	1" = 1'-0"	34	ROOF TRANSITION DETAIL 2340-01-CU21 - 5422 - 24	1" = 1'-0"	24	CHANGE IN ROOF FRAMING 2340-01-CU21 - 5422 - 14	3/4" = 1'-0"	14
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CONSULTANT

AGENCY

**MONO COUNTY ADU
PROTOTYPES**
MONO COUNTY

ROOF FRAMING DETAILS

NO.	REVISION	DATE

PROJECT MANAGER
J. MEADOWS

DRAWN BY
A. LOPEZ

CHECKED BY
M. DOREMUS

DATE
AUGUST 18, 2022

PROJECT NUMBER
2340-01-CU21

SHEET

S-422

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CONSTRUCTION DOCUMENTS