

**ROOF & ATTIC NOTES**

**ROOF VENTILATION REQUIREMENTS**  
 ENCLOSED ATTICS AND ENCLOSED RAFTERS SPACES FORMED WHERE CEILINGS ARE APPLIED DIRECTLY TO THE UNDERSIDE OF ROOF RAFTERS SHALL HAVE CROSS VENTILATION FOR EACH SEPARATE SPACE BY VENTILATING OPENINGS:

- PROTECTED AGAINST THE ENTRANCE OF RAIN OR SNOW;
- SHALL HAVE DIMENSION OF AT LEAST 1/16 INCH MINIMUM AND 1/4 INCH MAXIMUM;
- DIMENSION LARGER THAN 1/4 INCH SHALL BE PROVIDED WITH CORROSION-RESISTANT WIRE CLOTH SCREENING, HARDWARE CLOTH, OR SIMILAR MATERIAL WITH OPENINGS HAVING A LEAST DIMENSION OF 1/16 INCH MINIMUM AND 1/4 INCH MAXIMUM;
- OPENINGS IN ROOF FRAMINGS MUST CONFORM TO THE REQUIREMENTS OF SECTION R802.7 IN THE 2022 CRC (CUTTING, DRILLING, AND NOTCHING STRUCTURAL ROOF MEMBERS);
- THE SCREENS COVERING THE VENTS SHALL HAVE A MAXIMUM MESH OPENING OF 1/8" AND SHALL BE OF CORROSION-RESISTANT METAL PER CRC R337.7.6.2;
- EAVES SHALL BE ENCLOSED PER THE CRITERIA LISTED IN CRC R337.6.3.

**MINIMUM ROOF VENTILATION AREA (R806.2)**  
 THE MINIMUM NET FREE VENTILATION AREA SHALL BE 1/150 OF THE AREA OF THE VENTED SPACE.

**EXCEPTION:** THE MINIMUM NET FREE VENTILATION AREA SHALL BE 1/300 OF THE VENTED SPACE PROVIDED NO LESS THAN 40% AND NOT MORE THAN 50% OF THE REQUIRED VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC OR RAFTER SPACE. UPPER VENTILATORS SHALL BE LOCATED NO MORE THAN 3 FEET BELOW THE RIDGE OR HIGHEST POINT OF THE SPACE, MEASURED VERTICALLY. THE BALANCE OF THE REQUIRED VENTILATION PROVIDED SHALL BE LOCATED IN THE BOTTOM ONE-THIRD OF THE ATTIC SPACE, WHERE THE LOCATION OF WALL OR ROOF FRAMING MEMBERS CONFLICTS WITH THE INSTALLATION OF UPPER VENTILATORS. INSTALLATION MORE THAN 3 FEET BELOW THE RIDGE OR HIGHEST POINT OF THE SPACE SHALL BE PERMITTED.

**VENTED ROOF AREA: 1,087 SF**  
**REQUIRED FREE VENTILATING AREA TO BE MINIMUM: 1,087/150 SF = 7.2 SF**  
**REQUIRED FREE VENTILATING AREA IF 40%-50% IN UPPER PORTION OF ATTIC: 1,087/300 SF = 3.6 SF**  
**FREE AREA OF EACH INDIVIDUAL VENT DEPENDS ON NUMBER OF VENTS INSTALLED**

**ROOFING MATERIALS**  
 1. ALL ROOFING SHALL BE CLASS A RATED.

**VENT AND INSULATION CLEARANCE (R806.3)**  
 WHERE EAVE OR CORNICE VENTS ARE INSTALLED, BLOCKING, BRIDGING AND INSULATION SHALL NOT BLOCK THE FREE FLOW OF AIR, NO LESS THAN A 1-INCH SPACE SHALL BE PROVIDED BETWEEN THE INSULATION AND THE ROOF SHEATHING AND AT THE LOCATION OF THE VENT. VENTS SHALL NOT BE INSTALLED ON THE UNDERSIDE OF EAVES UNLESS THEY COMPLY WITH THE EXCEPTIONS OF CRC R337.6.3.

**ATTIC ACCESS (R807)**  
 BUILDINGS WITH COMBUSTIBLE CEILING OR ROOF CONSTRUCTION SHALL HAVE AN ATTIC ACCESS OPENING TO ATTIC AREAS THAT EXCEED 30 SQUARE FEET AND HAVE VERTICAL HEIGHT OF 30 INCHES OR MORE. VERTICAL HEIGHT MUST BE MEASURED FROM THE TOP OF THE CEILING FRAMING MEMBERS TO THE UNDERSIDE OF THE ROOF FRAMING MEMBERS.

**ROUGH-FRAMED OPENING OF ATTIC ACCESS:**

- SHALL NOT BE LESS THAN 22-INCHES BY 30-INCHES
- SHALL BE LOCATED IN HALLWAY OR READILY ACCESSIBLE LOCATION
- WHEN LOCATED IN A WALL, OPENING SHALL BE MINIMUM OF 22-INCHES WIDE BY 30-INCHES HIGH
- WHEN LOCATED IN CEILING, MINIMUM UNOBSTRUCTED HEADROOM IN THE ATTIC SPACE SHALL BE 30-INCHES AT SOME POINT ABOVE THE CEILING MEASURED VERTICALLY FROM BOTTOM OF CEILING FRAMING MEMBERS.

**FELT UNDER ROOFING (R905.1.1 (2))**  
 INCLUDE ONE LAYER OF 15# FELT UNDER ALL ROOFING MATERIALS FOR SLOPES 4:12 OR GREATER AND TWO LAYERS FOR SLOPES LESS THAN 4:12, OR PER THE ROOFING MANUFACTURER INSTALLATION REQUIREMENTS, OR PER TABLE R905.1.1 (2) CRC

**MINIMUM SLOPES FOR METAL ROOFS (R905.10.2)**  
 MINIMUM SLOPES FOR METAL ROOF PANELS SHALL COMPLY WITH THE FOLLOWING:

- THE MINIMUM SLOPE FOR LAPPED, NONSOLDED-SEAM METAL ROOFS WITHOUT APPLIED LAP SEALANT SHALL BE THREE UNITS VERTICAL IN 12 UNITS HORIZONTAL (25% SLOPE).
- THE MINIMUM SLOPE FOR LAPPED, NONSOLDED-SEAM METAL ROOFS WITH APPLIED LAP SEALANT SHALL BE ONE-HALF UNIT VERTICAL IN 12 UNITS HORIZONTAL (4% SLOPE). LAP SEALANTS SHALL BE APPLIED IN ACCORDANCE WITH THE APPROVED MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- THE MINIMUM SLOPE FOR STANDING-SEAM ROOF SYSTEMS SHALL BE ONE-QUARTER UNIT VERTICAL IN 12 UNITS HORIZONTAL (2% SLOPE)

**PLUMBING VENTS**  
 WHERE FEASIBLE, COMBINE PLUMBING VENTS IN ATTIC. SEE DETAIL 2/A50 FOR FLASHING AT ROOF.

**BUILDING CODE NOTES**

**CRC CHAPTER 3 BUILDING PLANNING**

**R302.11 FIRE-RESISTANT CONSTRUCTION**  
 FIRE BLOCKING SHALL BE INSTALLED IN WALLS, PROJECTIONS, OPENINGS, OR PENETRATIONS IN WALLS PERPENDICULAR TO THE LINE USED TO DETERMINE THE FIRE SEPARATION DISTANCE.

**R303.1 LIGHTING, VENTILATION AND HEATING - HABITABLE ROOMS**  
 HABITABLE ROOMS SHALL HAVE AN AGGREGATE GLAZING AREA OF NOT LESS THAN 8 PERCENT OF THE FLOOR AREA OF SUCH ROOMS. NATURAL VENTILATION SHALL BE THROUGH WINDOWS, SKYLIGHTS, DOORS, LOUVERS OR OTHER APPROVED OPENINGS TO THE OUTDOOR AIR. SUCH OPENINGS SHALL BE PROVIDED WITH READY ACCESS OR SHALL OTHERWISE BE READILY CONTROLLABLE BY THE BUILDING OCCUPANTS. THE OPENABLE AREA TO THE OUTDOORS SHALL BE NOT LESS THAN 4 PERCENT OF THE FLOOR AREA BEING VENTILATED.

**EXCEPTION 1:** FOR HABITABLE ROOMS OTHER THAN KITCHENS, THE GLAZED AREAS NEED NOT BE OPENABLE WHERE THE OPENING IS NOT REQUIRED BY SECTION R310 AND A WHOLE-HOUSE MECHANICAL VENTILATION SYSTEM OR MECHANICAL VENTILATION SYSTEM CAPABLE OF PRODUCING 0.35 AIR CHANGES PER HOUR IN THE HABITABLE ROOMS IS INSTALLED IN ACCORDANCE WITH THE CA MECHANICAL CODE.

**EXCEPTION 2:** FOR KITCHENS, THE GLAZED AREAS NEED NOT BE OPENABLE WHERE THE OPENING IS NOT REQUIRED BY SECTION R310 AND A LOCAL EXHAUST SYSTEM IS INSTALLED IN ACCORDANCE WITH THE CALIFORNIA MECHANICAL CODE TABLE 403.7.

**R303.10 REQUIRED HEATING**  
 WHERE THE WINTER DESIGN TEMPERATURE IN TABLE R301.2 IS BELOW 60°F (16°C), EVERY DWELLING UNIT SHALL BE PROVIDED WITH HEATING FACILITIES CAPABLE OF MAINTAINING A ROOM TEMPERATURE OF NOT LESS THAN 68°F (20°C) AT A POINT 3 FEET (914 MM) ABOVE THE FLOOR, AND 2 FEET (610 MM) FROM EXTERIOR WALLS IN HABITABLE ROOMS AT THE DESIGN TEMPERATURE. THE INSTALLATION OF ONE OR MORE PORTABLE SPACE HEATERS SHALL NOT BE USED TO ACHIEVE COMPLIANCE WITH THIS SECTION.

**R305.1 MINIMUM HEIGHT**  
 HABITABLE SPACE, HALLWAYS AND PORTIONS OF BASEMENTS CONTAINING THESE SPACES SHALL HAVE A CEILING HEIGHT OF NOT LESS THAN 7 FEET. BATHROOMS, TOILET ROOMS AND LAUNDRY ROOMS SHALL HAVE A CEILING HEIGHT OF NOT LESS THAN 6 FEET 8 INCHES. SECTION 305.1 GRANTS EXCEPTIONS FOR BEAMS, SLOPED CEILINGS, AND FURRED CEILINGS.

**R310 EMERGENCY ESCAPE AND RESCUE OPENINGS**  
 R310.1 EMERGENCY ESCAPE AND RESCUE OPENINGS REQUIRED  
 BASEMENTS, HABITABLE ATTICS AND EVERY SLEEPING ROOM SHALL HAVE NOT LESS THAN ONE OPERABLE EMERGENCY ESCAPE AND RESCUE OPENING. WHERE BASEMENTS CONTAIN ONE OR MORE SLEEPING ROOMS, AN EMERGENCY ESCAPE AND RESCUE OPENING SHALL BE REQUIRED IN EACH SLEEPING ROOM. EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL OPEN DIRECTLY INTO A PUBLIC WAY.

**EXCEPTION 2:** EMERGENCY ESCAPE AND RESCUE OPENINGS ARE NOT REQUIRED FROM BASEMENTS OR SLEEPING ROOMS THAT HAVE AN EXIT DOOR OR EXIT ACCESS DOOR THAT OPENS DIRECTLY INTO A PUBLIC WAY OR TO A YARD, COURT OR EXTERIOR EGRESS BALCONY THAT OPENS TO A PUBLIC WAY.

**R310.2 EMERGENCY ESCAPE AND RESCUE OPENINGS**  
 EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL COMPLY W/ REQ. FOR RESCUE OPENINGS, AS FOLLOWS:

- MINIMUM OPENING HEIGHT 24"
- MINIMUM OPENING WIDTH 20"
- MAXIMUM 44" MEASURED FROM THE FLOOR
- 5.7 SQ. FT. MINIMUM AREA, WHICH MAY BE REDUCED TO 5.0 SQ. FT. AT GRADE LEVEL.

**R307.2 WALL COVERING** SHALL BE CEMENT PLASTER, TILE OR APPROVED EQUAL TO 72 INCHES ABOVE DRAIN AT SHOWERS OR TUB WITH SHOWERS. MATERIALS OTHER THAN STRUCTURAL ELEMENTS ARE TO BE MOISTURE RESISTANT.

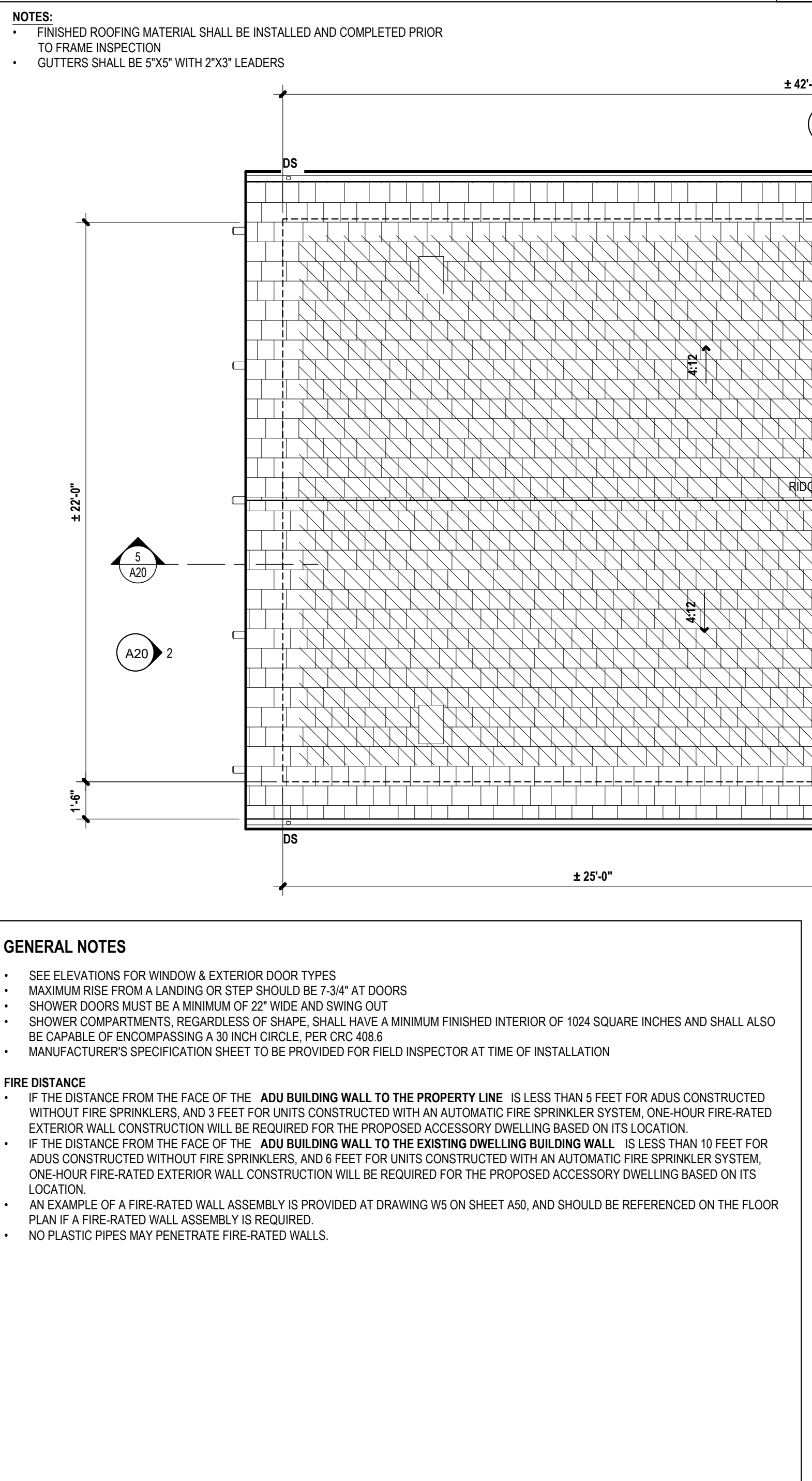
**R314 SMOKE DETECTORS:** SHALL BE CENTRALLY LOCATED IN CORRIDOR (OR AREA) LEADING TO SLEEPING AREAS, AND INSIDE EACH SLEEPING ROOM, AND SHALL BE INTERCONNECTED SUCH THAT THE ACTIVATION OF ONE ALARM WILL ACTIVATE ALL ALARMS. SMOKE DETECTORS SHALL BE HARD WIRED AND EQUIPPED WITH BATTERY BACKUP. SMOKE DETECTORS SHALL BE A MINIMUM OF 20 FT. FROM PERMANENT COOKING EQUIPMENT (OR 10' WITH PHOTO-ELECTRIC TYPE), AND A MINIMUM OF 3 FT. FROM BATHROOM.

**R315 CARBON MONOXIDE DETECTORS:** SHALL BE LOCATED OUTSIDE OF EACH SEPARATE DWELLING UNIT SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOM(S), AND SHALL BE HARD WIRED AND EQUIPPED WITH BATTERY BACKUP AND SHALL BE INTERCONNECTED.

**R319 ADDRESS IDENTIFICATION:** BUILDING ADDRESS CHARACTER SIZE SHALL BE A MINIMUM OF 4" TALL AND WITH 1/2" STROKE. THE ADDRESS SHALL BE LEGIBLE FROM THE STREET OR ROADWAY FRONTING THE PROPERTY. IF THE BUILDING IS LOCATED ON A PRIVATE ROAD AND THE BUILDING CANNOT BE SEEN FROM THE MAIN STREET OR ROADWAY A MONUMENT, POLE OR OTHER SIGN SHALL BE USED TO IDENTIFY THE STRUCTURE.

**R327 AGING-IN-PLACE DESIGN AND FALL PREVENTION:** NEWLY CONSTRUCTED DWELLINGS SUBJECT TO THE REQUIREMENTS OF THIS CODE SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH SECTIONS R327.1.1 THROUGH R327.1.4

BUILDING DEPT STAMPING



**PRE-FINISHED SHT MTL GUTTER**

**DOWNSPOUT, TYP.**

**ROOF VENT, TYP. 1 SF NFA. SEE NOTES, SHEET A10**

**DECORATIVE WD. BRACKET BELOW, TYP.**

**SEE DEFERRED SUBMITTAL FOR PV SYSTEM LAYOUT**

**ASPHALT SHINGLE ROOFING**

**FACE OF WALL BELOW**

**1,087 SF VENTED ROOF AREA PROVIDE MIN. 7.2 SF OF FREE VENTILATION AREA**

**1'-6" TYP. EAVE**

**PRE-FINISHED SHT MTL GUTTER, TYP.**

**DOWNSPOUT, TYP.**

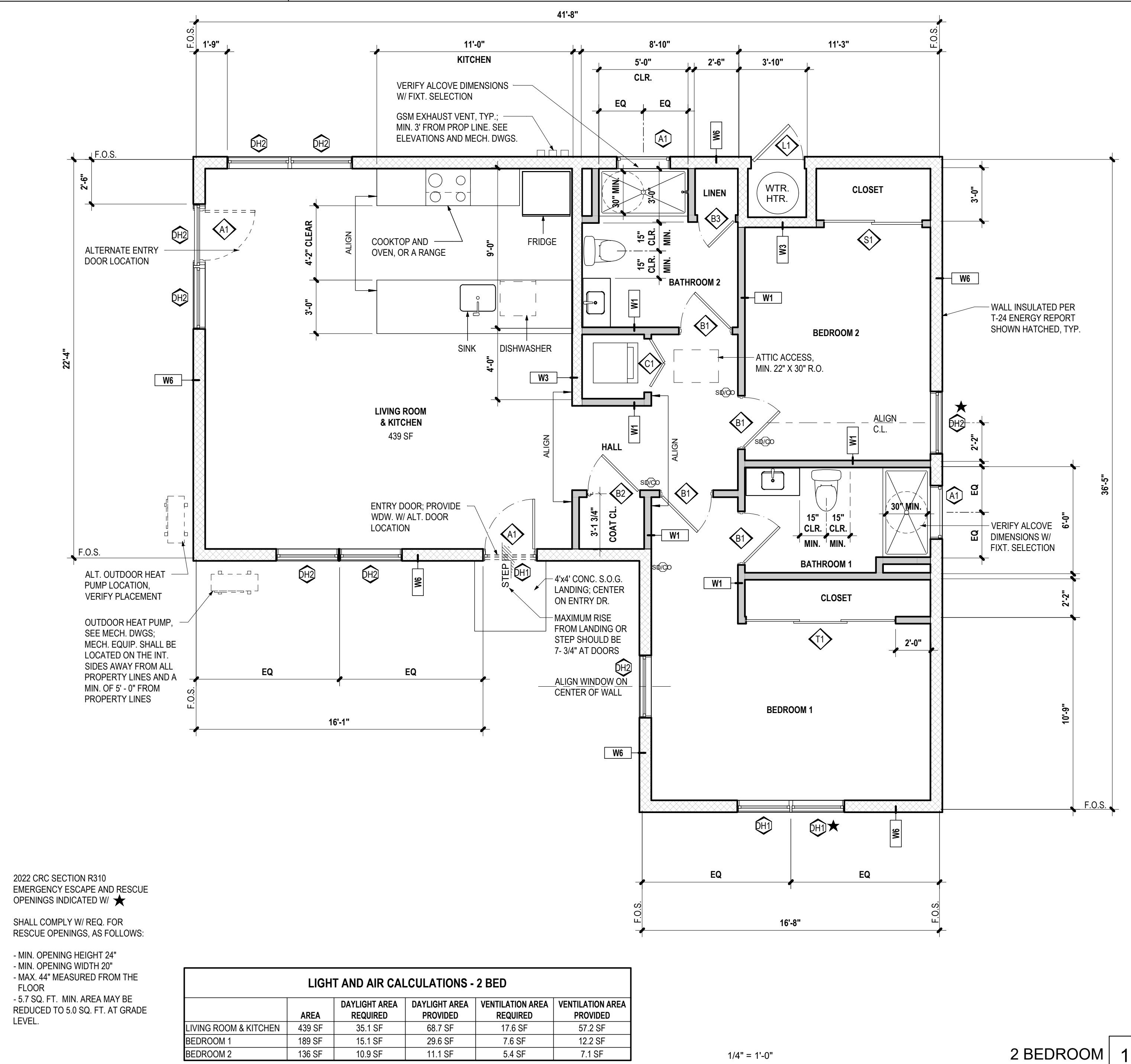
**2022 CRC SECTION R310 EMERGENCY ESCAPE AND RESCUE OPENINGS INDICATED W/ ★**

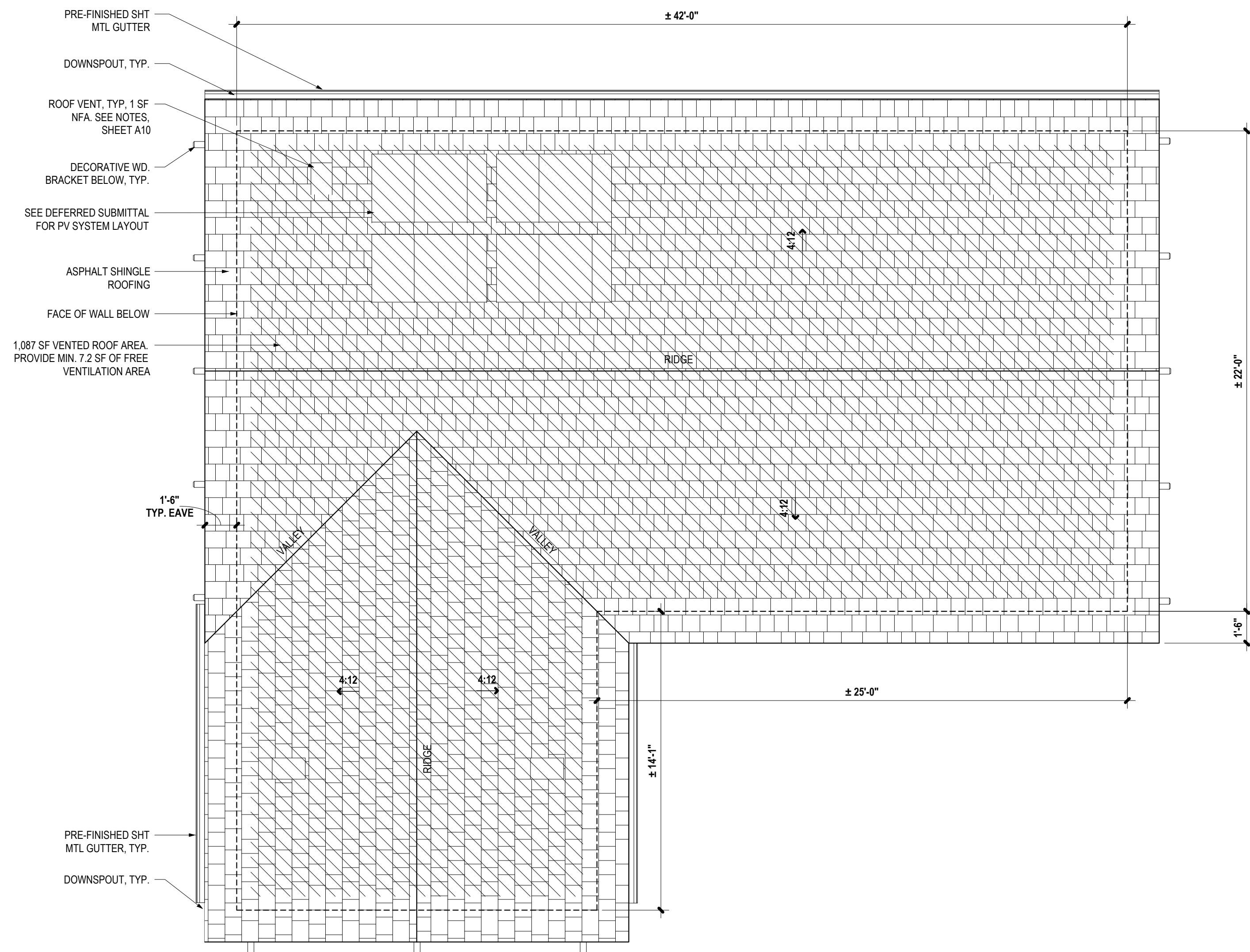
**SHALL COMPLY W/ REQ. FOR RESCUE OPENINGS, AS FOLLOWS:**

- MIN. OPENING HEIGHT 24"
- MIN. OPENING WIDTH 20"
- MAX. 44" MEASURED FROM THE FLOOR
- 5.7 SQ. FT. MIN. AREA MAY BE REDUCED TO 5.0 SQ. FT. AT GRADE LEVEL.

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

**2 BEDROOM - STYLE B - ROOF PLAN**





1/4" = 1'-0"

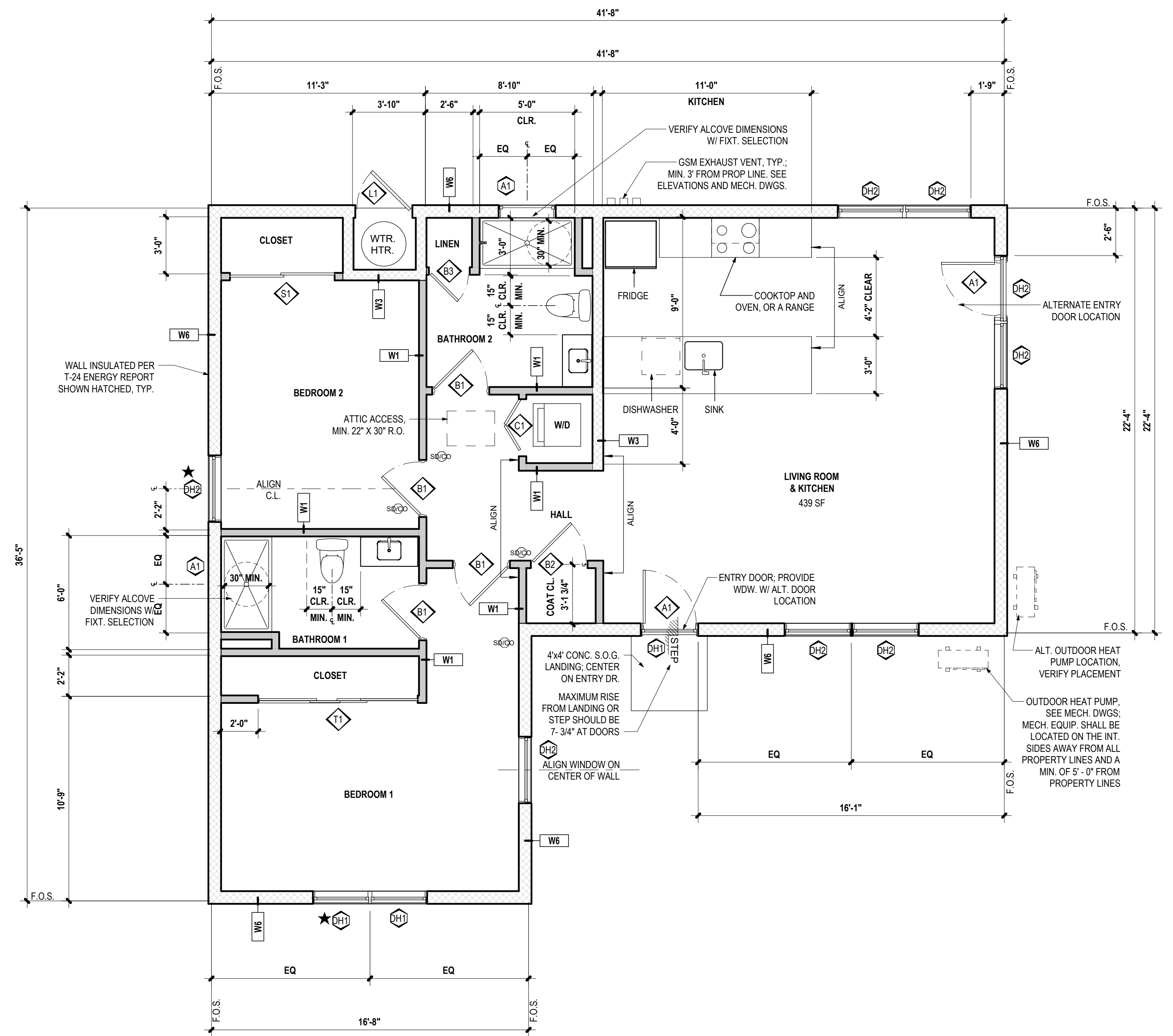
2 BEDROOM - STYLE B - ROOF PLAN - MIRRORED 2

GENERAL NOTES

- ADDITIONAL NOTES FOR FLOOR AND ROOF PLANS CAN BE FOUND ON SHEET A10

1/4" = 1'-0"

2 BEDROOM - STYLE B - FLOOR PLAN - MIRRORED 1



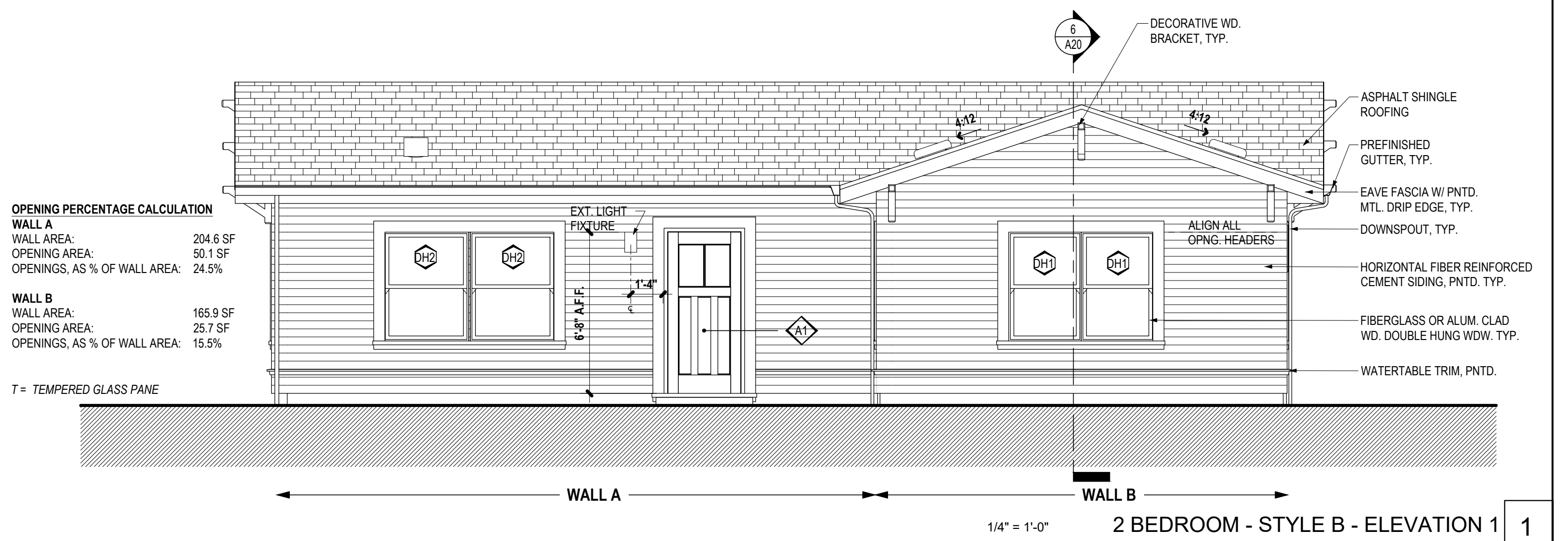
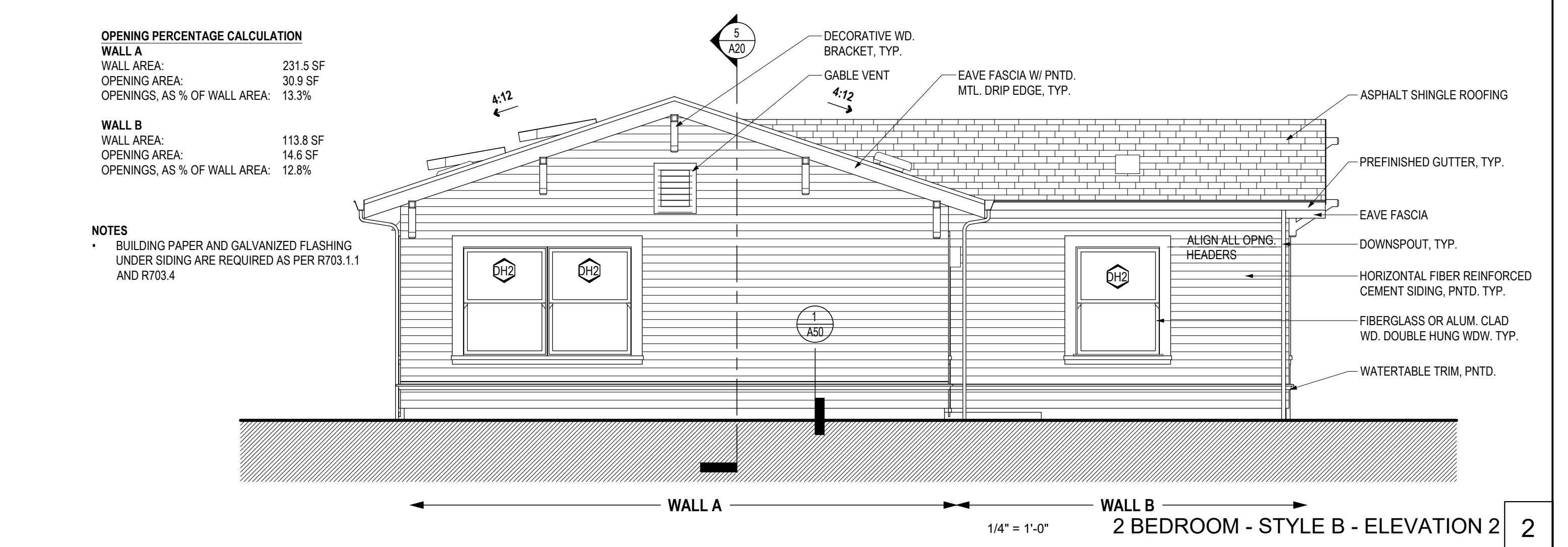
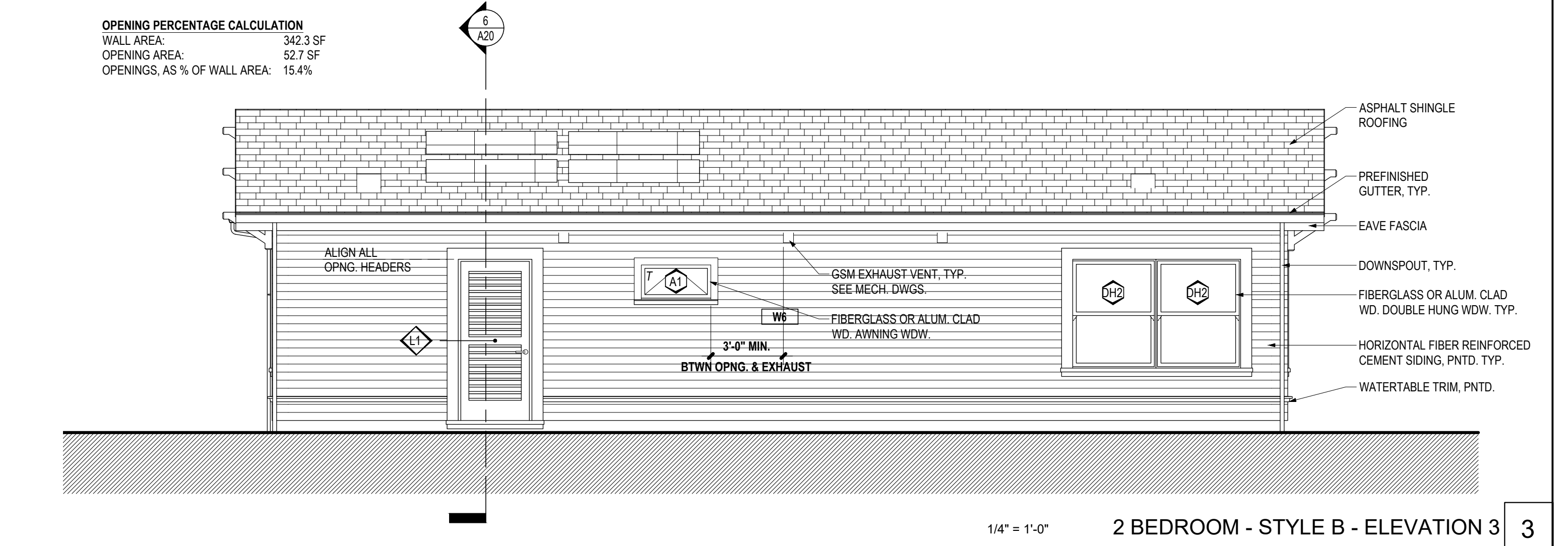
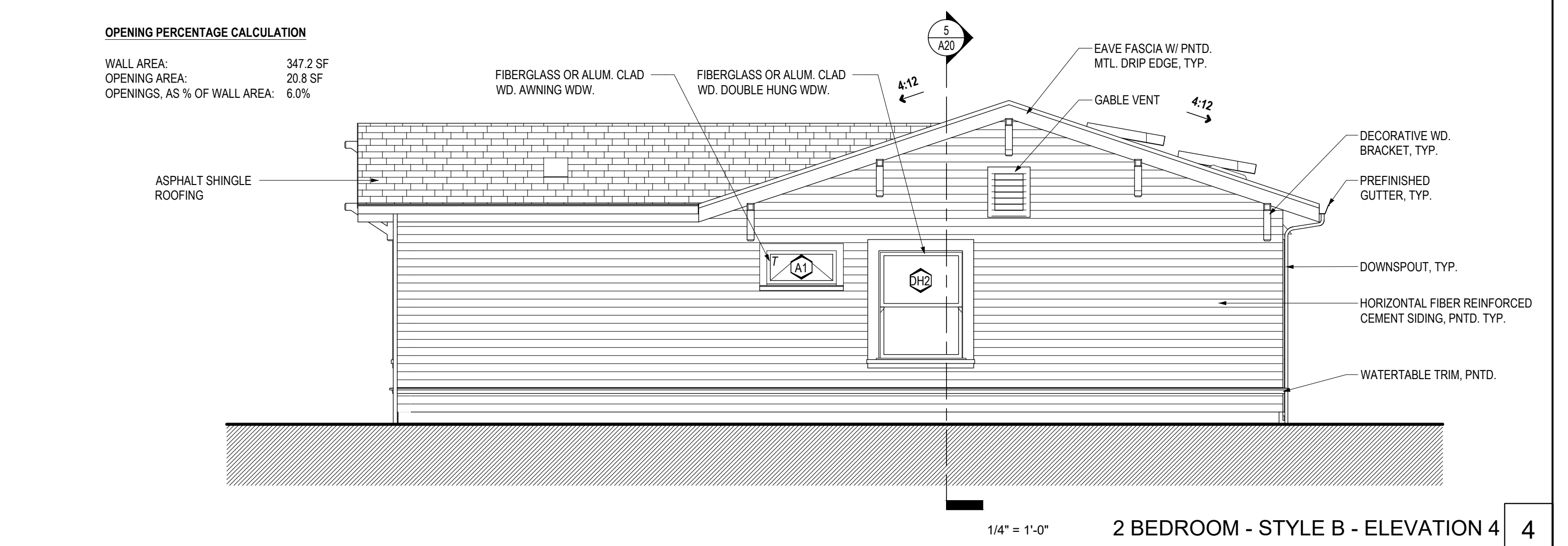
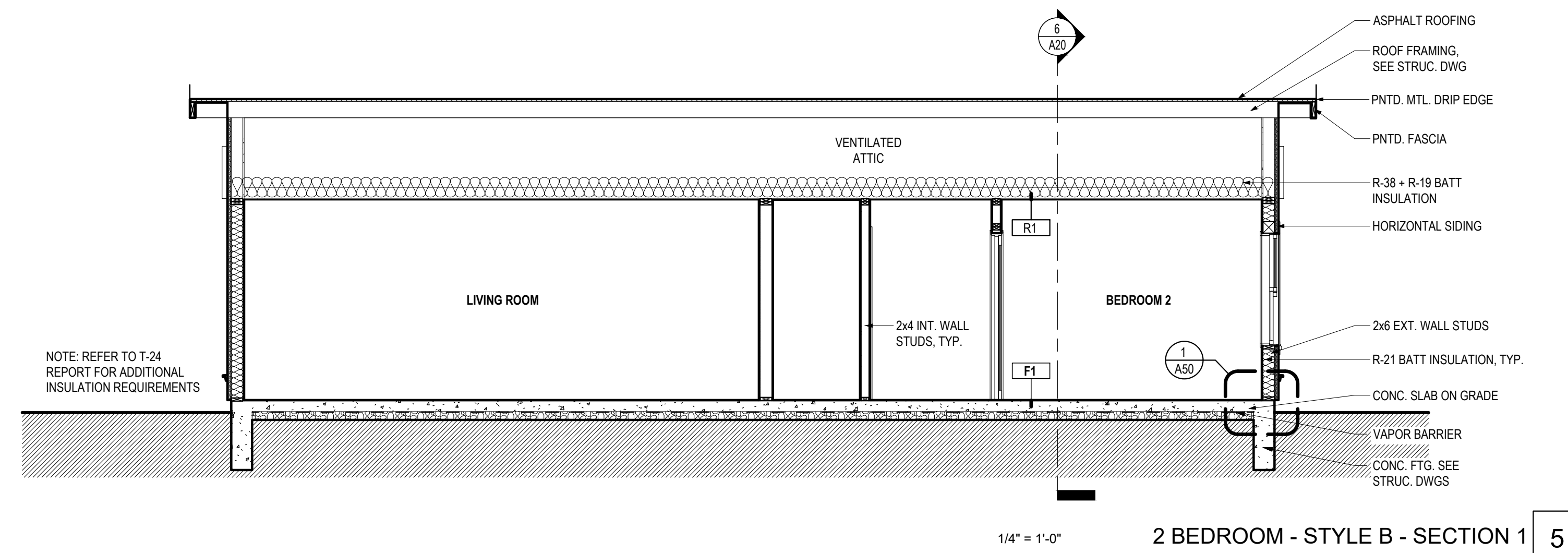
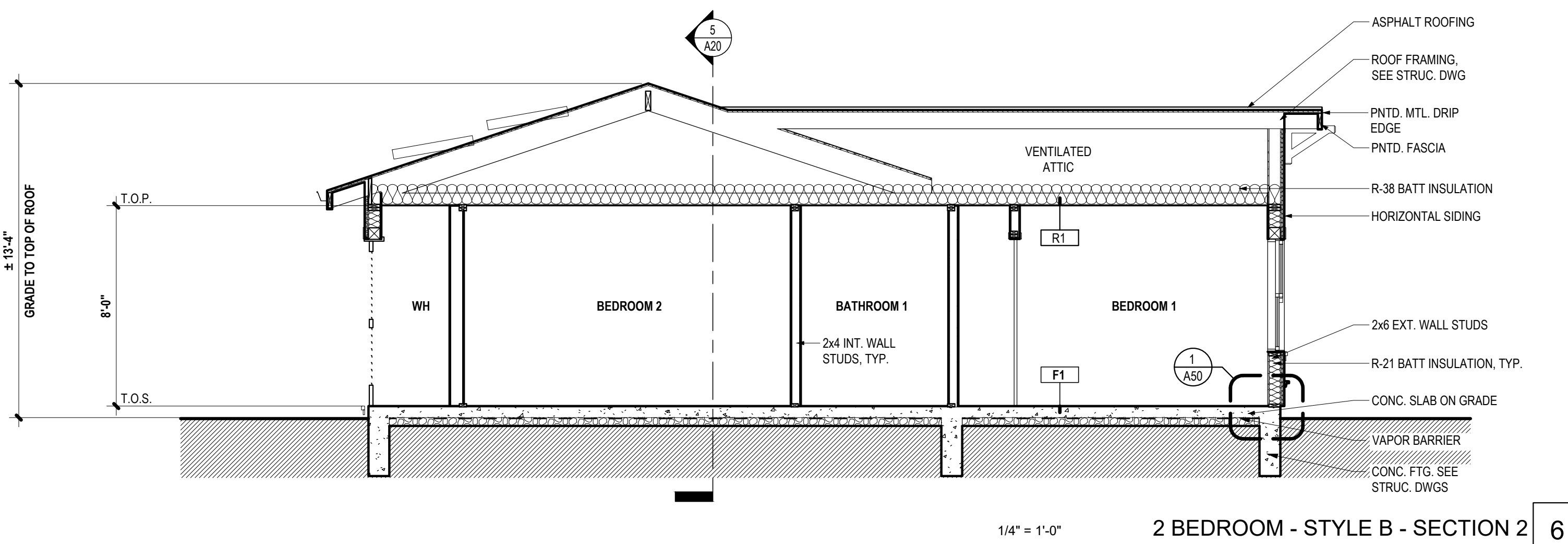
BUILDING DEPT STAMPING

BY USING THESE STANDARD PLANS, THE USER AGREES TO RELEASE OPENSCOPE STUDIO, THEIR CONSULTANTS, THE CITY OF LOS ALTOS, AND ANY MUNICIPALITY OR JURISDICTION FROM LIABILITY FOR ANY INJURY, DAMAGE, OR LOSS TO PERSONS OR PROPERTY, INCLUDING ON ACCOUNT OF ANY INJURY, DAMAGE, OR LOSS TO PERSONS OR PROPERTY, INCLUDING INJURY OR DEATH, OR ECONOMIC LOSSES, ARISING OUT OF THE USE OF THESE CONSTRUCTION DOCUMENTS. THE USER OF THESE PLANS DOES NOT ELIMINATE OR REDUCE THE USER'S RESPONSIBILITY TO VERIFY ANY AND ALL INFORMATION.

PROJECT  
**LOS ALTOS PERMIT-READY ADU 2 BEDROOM STYLE B**  
 PROJECT ADDRESS:  
 \_\_\_\_\_

ISSUE DATE  
**BUILDING PERMIT**  
 REVISIONS  
 NO. DATE.

SCALE  
 As indicated  
**MIRRORED FLOOR & ROOF PLAN**  
**A11**



BUILDING DEPT STAMPING

BY USING THESE STANDARD PLANS, THE USER AGREES TO RELEASE PERISCOPE STUDIO, INC. FROM LIABILITY FOR ANY AND ALL CLAIMS, DAMAGES, LOSSES, AND DEMANDS TO WHOMsoever APPLICABLE FOR A BUILDING PERMIT, AS WELL AS EACH PARTY'S OFFICERS, AGENTS, AND EMPLOYEES FROM ANY AND ALL CLAIMS, DAMAGES, LOSSES, AND DEMANDS ON ACCOUNT OF ANY INJURY, DAMAGE, OR LOSS TO PERSONS OR PROPERTY, INCLUDING DEATH OR ECONOMIC LOSSES, ARISING OUT OF THE USE OF THESE STANDARD PLANS OR REDUCE THE USER'S RESPONSIBILITY TO OBTAIN ANY AND ALL INFORMATION.

PROJECT  
 LOS ALTOS PERMIT-READY ADU  
 2 BEDROOM STYLE B

PROJECT ADDRESS:

**BUILDING PERMIT**

REVISIONS

NO.	DATE

SCALE  
As indicated

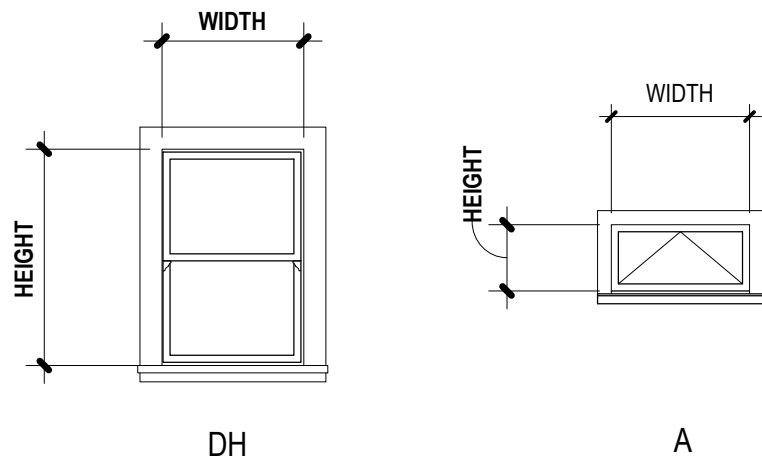
**ELEVATIONS & SECTIONS**

**A20**

WINDOW SCHEDULE - STYLE B 2 BED							
TYPE	DESCRIPTION	WIDTH	HEIGHT	FIRE RATING	FRAME	GLAZING	COMMENTS
DH1	DOUBLE HUNG WINDOW	3'-0"	4'-6"	NON RATED	FIBERGLASS OR ALUM. CLAD WD.	LOW E, I.G.U.	
DH2	DOUBLE HUNG WINDOW	3'-6"	4'-6"	NON RATED	FIBERGLASS OR ALUM. CLAD WD.	LOW E, I.G.U.	
A1	AWNING WINDOW	3'-0"	1'-6"	NON RATED	FIBERGLASS OR ALUM. CLAD WD.	LOW E, I.G.U.	CLERESTORY AT BATHROOM

**WINDOW NOTES**

- REFER TO EXTERIOR ELEVATIONS FOR WINDOW HEAD HEIGHT ELEVATIONS. REFER TO FLOOR PLANS FOR WINDOW TYPES AND LOCATIONS.
- WHERE DOOR & WINDOW SYSTEMS ARE ADJACENT, CONTRACTOR SHALL INSURE ALIGNMENT OF HORIZONTAL AND VERTICAL MEMBERS.
- ALL WINDOWS ARE DOUBLE-GLAZED, UNLESS OTHERWISE NOTED. FOR DOUBLE GLAZED WINDOWS, PROVIDE U-VALUE PER SPECIFICATION (MIN. 0.75 PER TITLE 24).
- ALL SAFETY GLAZING SHALL BE IDENTIFIED AS SUCH PER CRC SECTION R308.1. PROVIDE SAFETY GLAZING AT LOCATIONS REQUIRED PER CRC SECTION R308.4, INCLUDING, BUT NOT LIMITED:
  - ALL GLAZING IN SWINGING DOOR PANELS
  - ALL GLAZING IN FIXED AND SLIDING PANELS OF SLIDING DOOR ASSEMBLIES
  - WHERE THE GLAZING IS WITHIN 24 INCHES OF EITHER SIDE OF THE DOOR IN THE PLANE OF THE DOOR IN A CLOSED POSITION.
  - WHERE THE GLAZING IS ON A WALL LESS THAN 180 DEGREES FROM THE PLANE OF THE DOOR IN A CLOSED POSITION AND WITHIN 24 INCHES OF THE HINGE SIDE OF AN IN-SWINGING DOOR
  - ALL GLAZING IN FIXED OR OPERABLE PANELS WITH AN EXPOSED EDGE LESS THAN 1'-6" ABOVE THE FINISHED FLOOR.
  - THE EXPOSED AREA OF AN INDIVIDUAL PANE IS LARGER THAN 9 SQUARE FEET.
  - THE TOP EDGE OF THE GLAZING IS MORE THAN 36 INCHES ABOVE THE FLOOR.
  - ONE OR MORE WALKING SURFACES ARE WITHIN 36 INCHES, MEASURED HORIZONTALLY AND IN A STRAIGHT LINE, OF THE GLAZING.
  - ALL GLAZING LESS THAN 60" ABOVE A SHOWER OR TUB FLOOR AND WITHIN 60" HORIZONTALLY FROM FIXTURES WATER EDGE
  - ALL SHOWER ENCLOSURES AND SHOWER DOORS
- SEE WINDOW DETAIL SHEET FOR INSTALLATION AND FLASHING SEQUENCE (WHERE APPLIES).
- EMERGENCY EGRESS WINDOWS TO COMPLY WITH CRC SECTION R310: MINIMUM NET CLEAR HEIGHT OF 24", MINIMUM NET CLEAR WIDTH OF 20", MAXIMUM FINISHED SILL HEIGHT OF 44", AND MINIMUM CLEAR AREA OF 5.7 SQ. FT. CONTRACTOR SHALL VERIFY PRIOR TO START OF ROUGH FRAMING THAT EMERGENCY EGRESS WINDOWS COMPLY WITH SECTION R310.

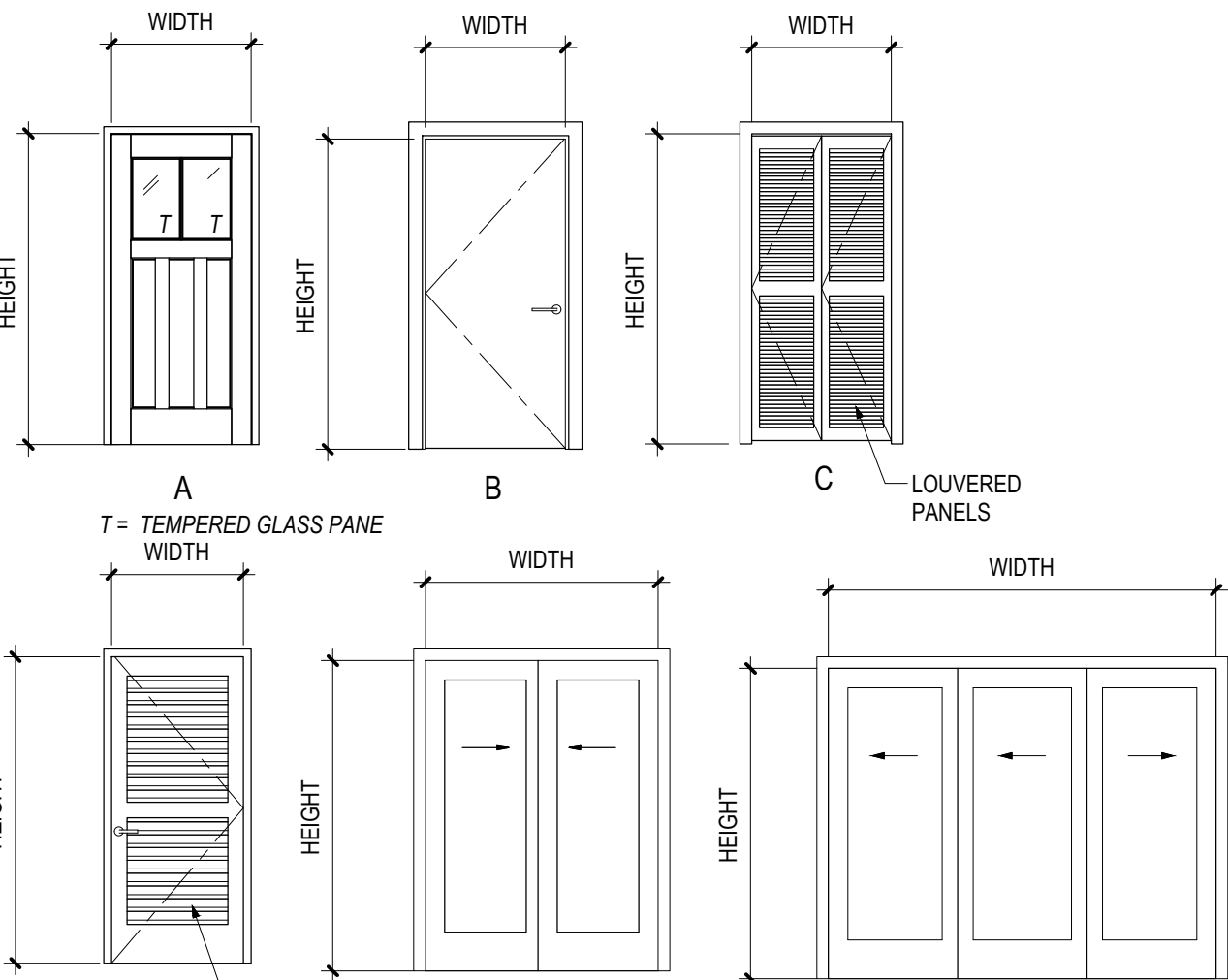


**WINDOWS**

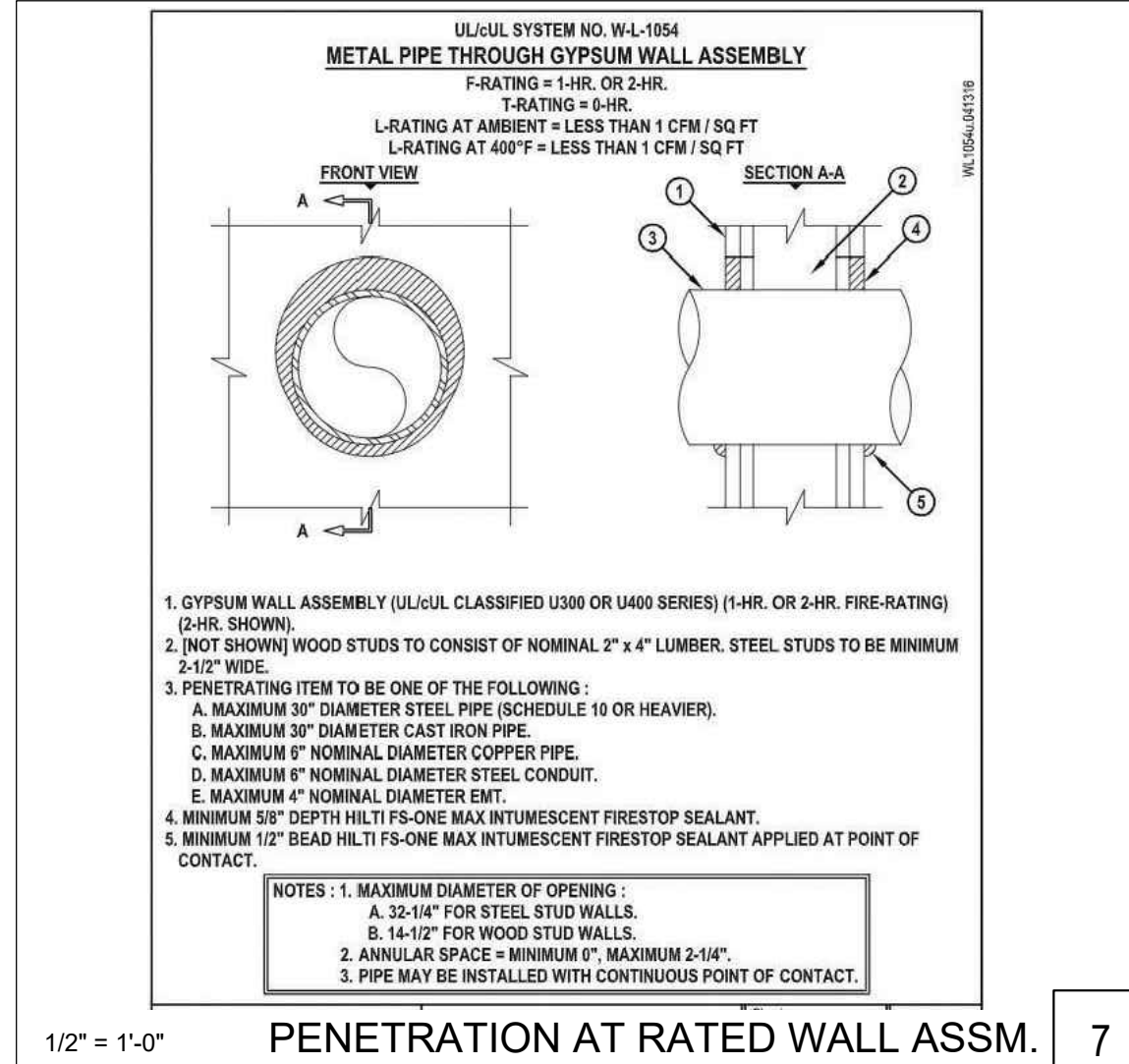
DOOR SCHEDULE - 2 BED									
TYPE	DESCRIPTION	WIDTH	HEIGHT	PANEL THICKNESS	FIRE RATING	FRAME	PANEL	FINISH	COMMENTS
A1	EXT. SINGLE SWING	3'-0"	6'-8"	0'-1 3/8"	NONE	WD.	FIBERGLASS OR ALUM. CLAD WD.		
B1	INT. SINGLE SWING	3'-0"	6'-8"	0'-1 3/8"	NONE	WD.	SC MDF		
B2	INT. SINGLE SWING	2'-10"	6'-8"	0'-1 3/8"	NONE	WD.	SC MDF		
B3	INT. SINGLE SWING	2'-0"	6'-8"	0'-1 3/8"	NONE	WD.	SC MDF		
C1	INT. BIFOLD W/ FULL HT. LOUVERS	3'-0"	6'-8"	0'-1 3/8"	NONE	WD.	LOUVERED		LAUNDRY CLOSET DOOR
L1	EXT. SINGLE SWING W/ FULL HT. LOUVERS	3'-0"	6'-8"	0'-1 3/4"	NONE	WD.	LOUVERED		WATER HEATER CLOSET DOOR
S1	INT. DOUBLE SLIDING	5'-6"	6'-8"	0'-1 3/8"	NONE	WD.	SC MDF		CLOSET DOOR
T1	INT. TRIPLE SLIDING	8'-4"	6'-8"	0'-1 3/8"	NONE	WD.	SC MDF		CLOSET DOOR

**DOOR NOTES**

- PROVIDE SAFETY GLAZING PER CRC R308.1.
- ALL EXIT DOORS ARE TO BE OPERABLE FROM THE INSIDE WITHOUT USE OF A KEY, OR SPECIAL KNOWLEDGE OR EFFORT.
- PROVIDE WEATHER STRIPPING PER TITLE 24 FOR ALL EXTERIOR DOORS. PERIMETER SEAL SHALL PROVIDE CONTINUOUS BARRIER, WITH NO VISIBLE GAPS BETWEEN THE DOOR AND THE FRAME OR THRESHOLD.
- ALL OPENINGS IN FIRE-RATED WALLS SHALL COMPLY WITH CRC TABLE R302.1(1) OR TABLE R302.1(2) WHERE APPLICABLE.
- PROVIDE MINIMUM 100 SQ. IN. OF MAKEUP AIR TO LAUNDRY CLOSET PER CMC 205, 504.4.1 AND 701.3



**DOORS**



1/2" = 1'-0" PENETRATION AT RATED WALL ASSM. 7

GA FILE NO.	PROPRIETARY	1 HOUR FIRE
WP 8130		

**EXTERIOR WALLS**

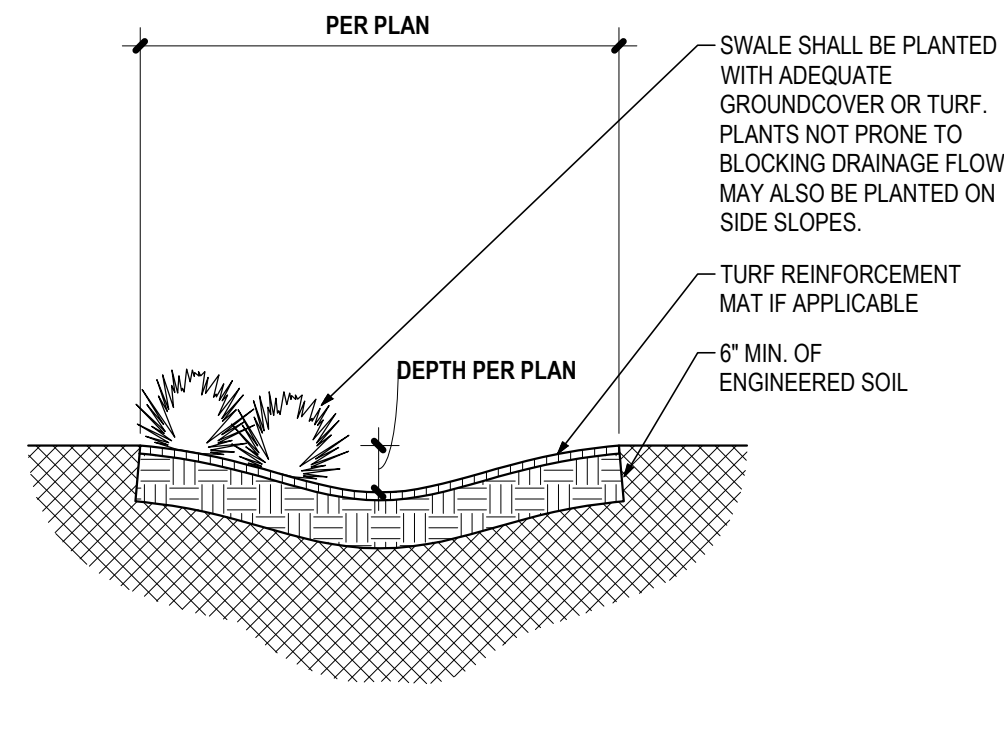
**Gypsum Panels, Wood Studs**

**Fire Design:**  
 EXTERIOR SIDE: One layer 5/8" proprietary type X glass mat gypsum panel applied parallel or at right angles to 2 x 4 wood studs 16" o.c. with galvanized roofing nails, 1-3/4" long, 0.128" shank, 7/16" head, 7" o.c. Exterior surface covered with weather exposed cladding or finish system.  
 INTERIOR SIDE: One layer 5/8" proprietary type X gypsum panel applied parallel or at right angles to studs with 1/2" coated nails, 1-7/8" long, 0.0915" shank, 1/4" heads, 7" o.c. Joints staggered on opposite sides. (LOAD-BEARING)

**PROPRIETARY Gypsum Panels**  
 CertainTeed Gypsum Inc.  
 - 5/8" CertainTeed® Type X  
 - 5/8" CertainTeed® GlasRoc® Sheathing Type X  
 Georgia-Pacific Gypsum LLC  
 - 5/8" DensArmor® Plus® Fireguard® Interior Panel  
 - 5/8" DensArmor® Fireguard® Sheathing  
 National Gypsum Company  
 - 5/8" Gold Bond® FireShield® Gypsum Board  
 - 5/8" Gold Bond® eXtreme® FireShield® Sheathing  
 PABCO Gypsum  
 - 5/8" FLAME CURE® Type X  
 - 5/8" FIRE-GUARD GLASS® Sheathing Type X  
 United States Gypsum Company  
 - 5/8" Sheetrock® Brand EcoSmart Panels Firecode® X  
 - 5/8" Sheetrock® Brand UltraLight Glass-Mat Sheathing Firecode® X

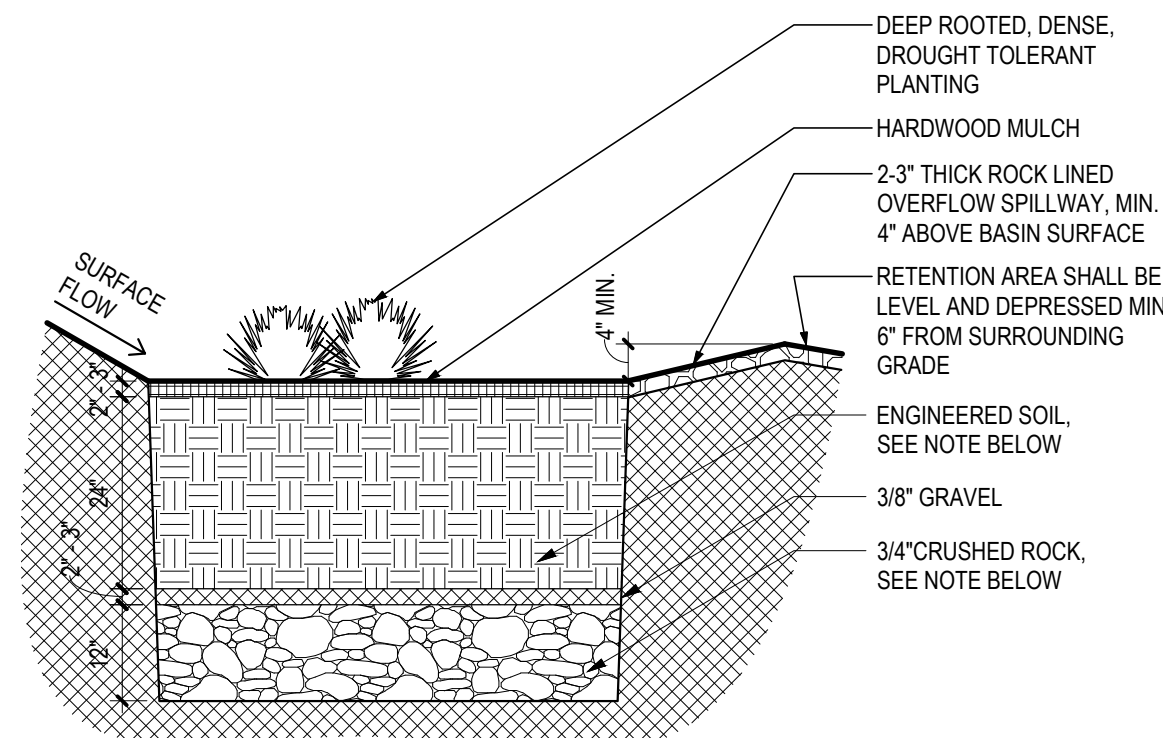
**Thickness:** 4.3/4" (Fire)  
**Approx. Weight:** 5.5 psf (Fire)  
**Fire Test:** WH-495-0702, 9-7-85; WH-495-0703, 8-8-85; UL R217, 89N3410, 9-29-89; UL R5501, 07N17962, 12-12-07, 09N17792, 9-19-09; UL R15161, 02N1412, 7-17-02; UL R14196, 11N14002, 3-3-11; UL R1310, 478554796, 1-30-15; UL Designs U257, U265

1/2" = 1'-0" WP 8130 WALL ASSEMBLY - 2 ROOM 8



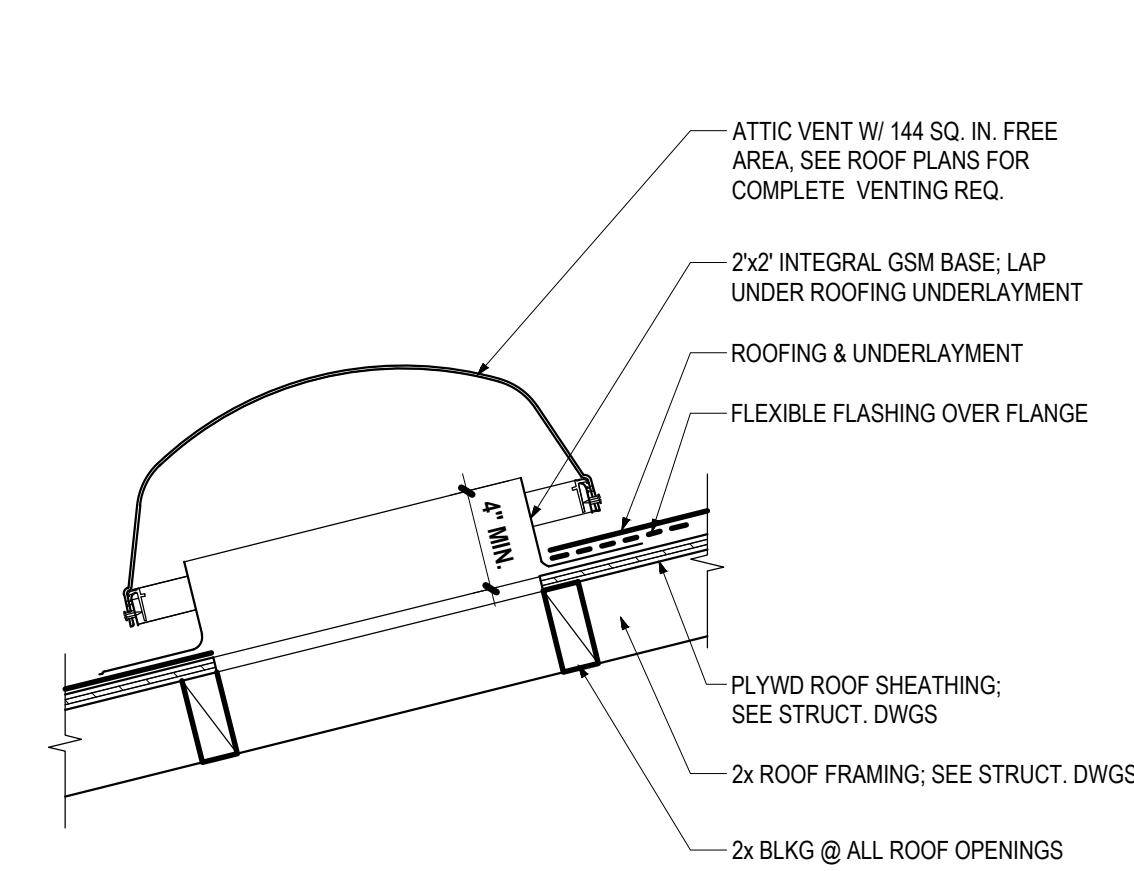
- NOTE:  
 1. ENGINEERED SOIL LAYER SHALL BE MINIMUM 6" DEEP "SANDY LOAM" SOIL MIX WITH NO MORE THAN 5% CLAY CONTENT. THE MIX SHALL CONTAIN 50-60% SAND, 20-30% COMPOST OR HARDWOOD MULCH, AND 20-30% TOPSOIL.  
 2. VEGETATED SWALES ON GRADES OF MORE THAN 2.5% MUST INSTALL CHECK DAMS TO LIMIT THE SLOPE OF THE SWALE TO 2.5% UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF ENGINEERING SERVICES.  
 3. NO FILTER FABRIC IS TO BE USED IN THIS SECTION.

1/2" = 1'-0" VEGETATED SWALE 6

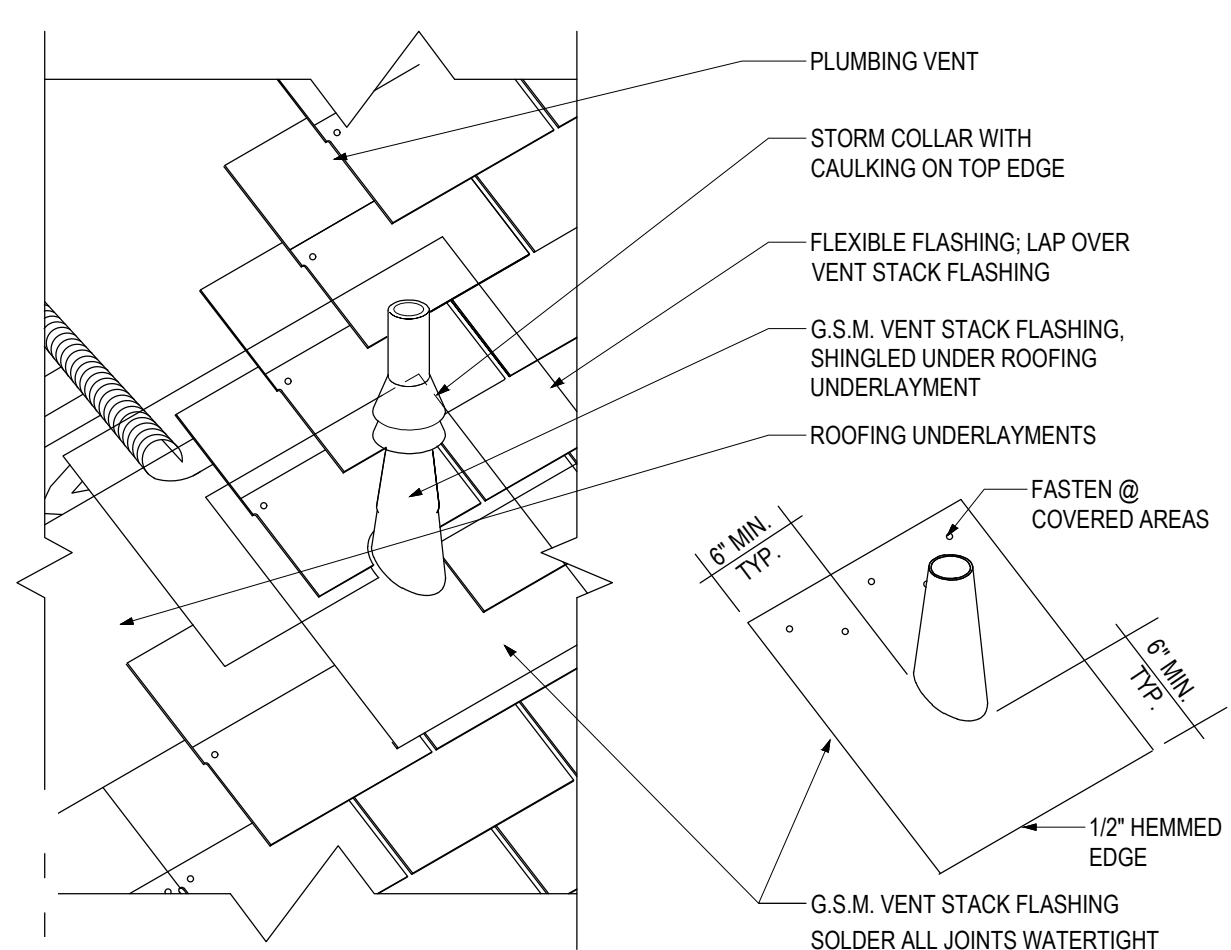


- NOTE:  
 1. BIORETENTION ENGINEERED SOIL LAYER SHALL BE MINIMUM 24" DEEP "SANDY LOAM" SOIL MIX WITH NO MORE THAN 5% CLAY CONTENT. THE MIX SHALL CONTAIN 50-60% SAND, 20-30% COMPOST OR HARDWOOD MULCH, AND 20-30% TOP SOIL.  
 2. 3/4" CRUSHED ROCK LAYER SHALL BE A MINIMUM OF 12" BUT MAY BE DEEPENED TO INCREASE THE INFILTRATION AND STORAGE ABILITY OF THE BASIN.  
 3. THE EFFECTIVE AREA OF THE BASIN SHALL BE LEVEL AND SHALL BE SIZED BASED ON CITY OF LOS ALTOS BMP DESIGN MANUAL CALCULATIONS.

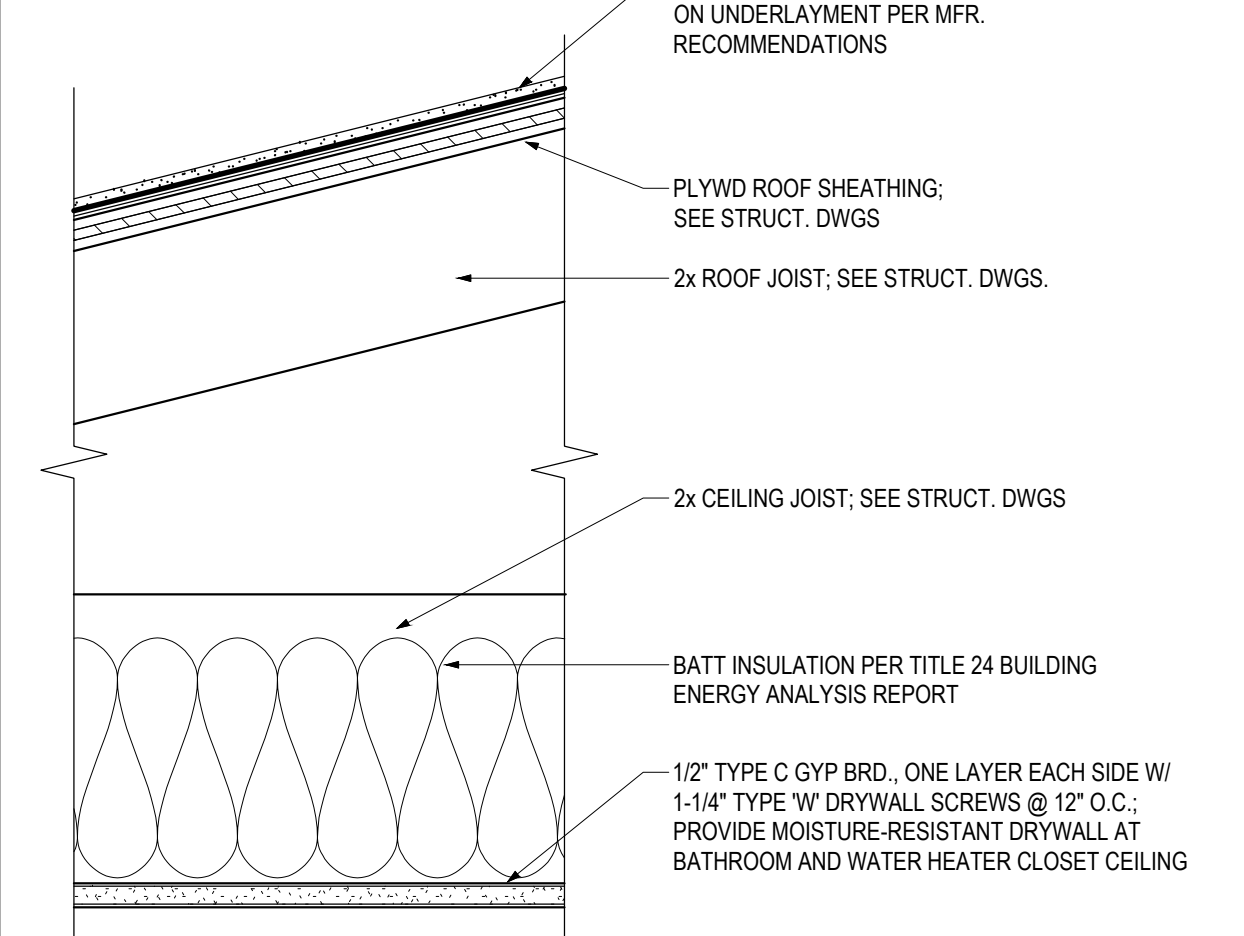
1/2" = 1'-0" SURFACE FLOW WITH SPILL WAY 5



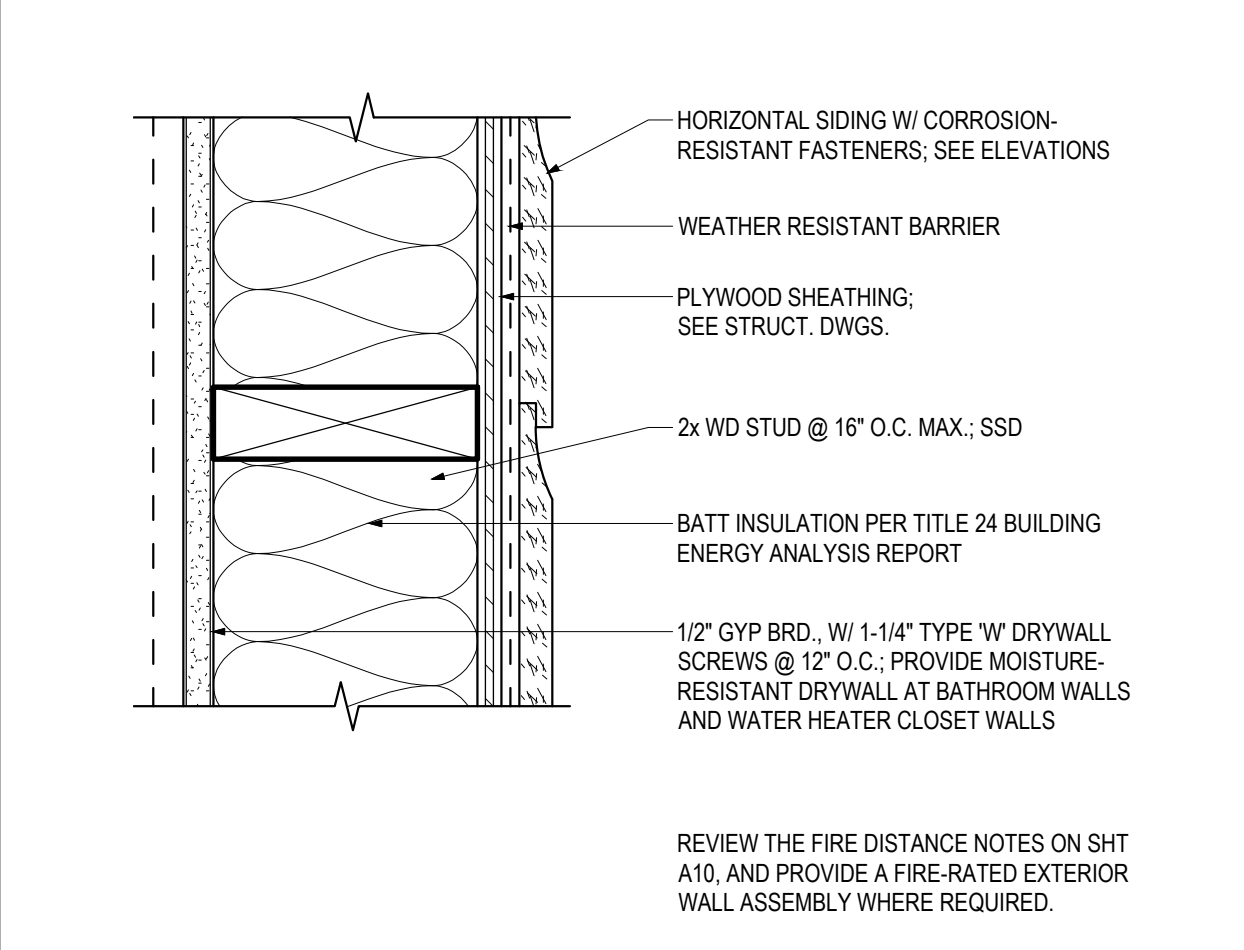
1 1/2" = 1'-0" ROOF VENT 3



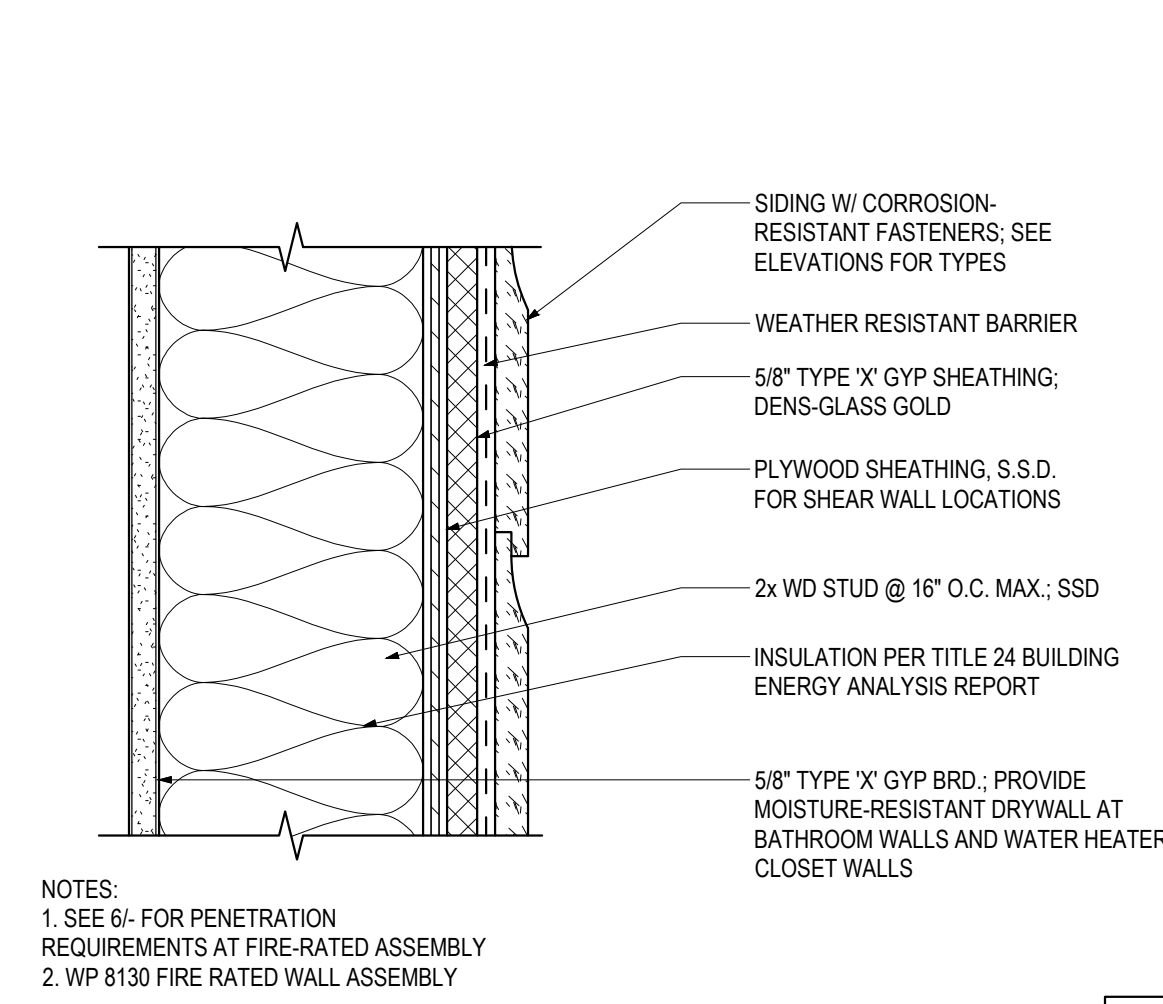
3" = 1'-0" PLUMBING VENT 2



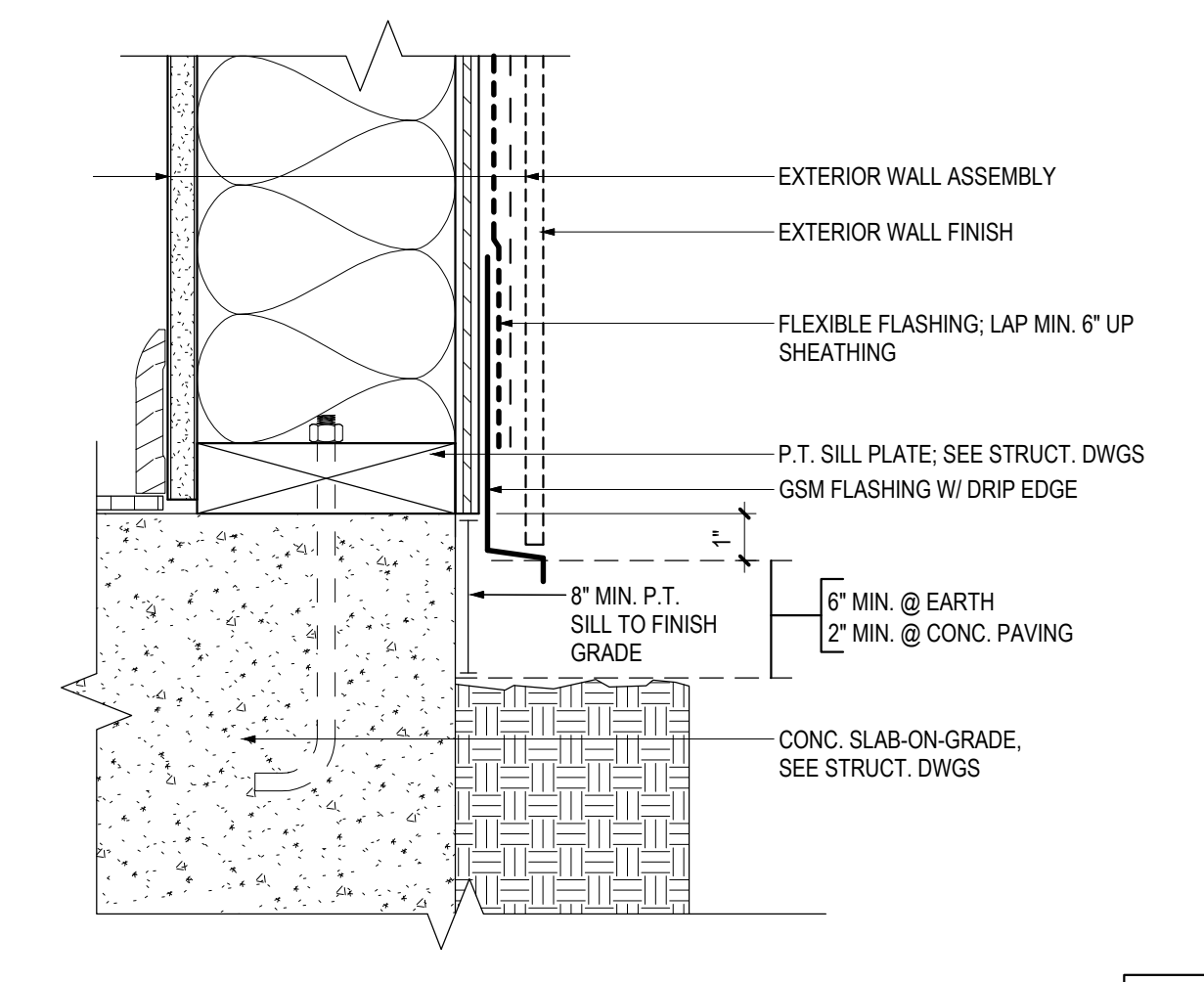
3" = 1'-0" ROOF ASSEMBLY - SHINGLE R1



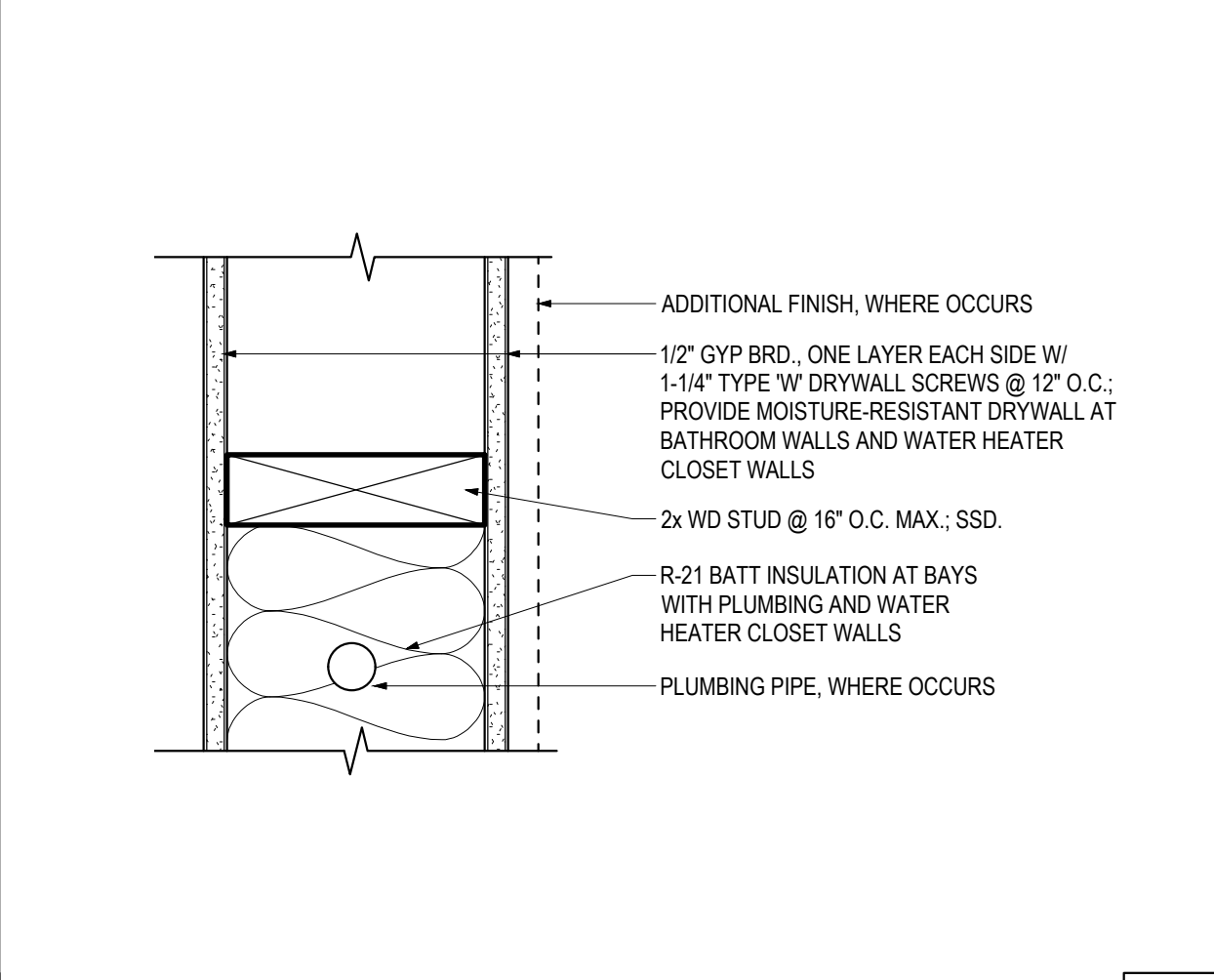
3" = 1'-0" NON RATED EXTERIOR WALL - SIDING W6



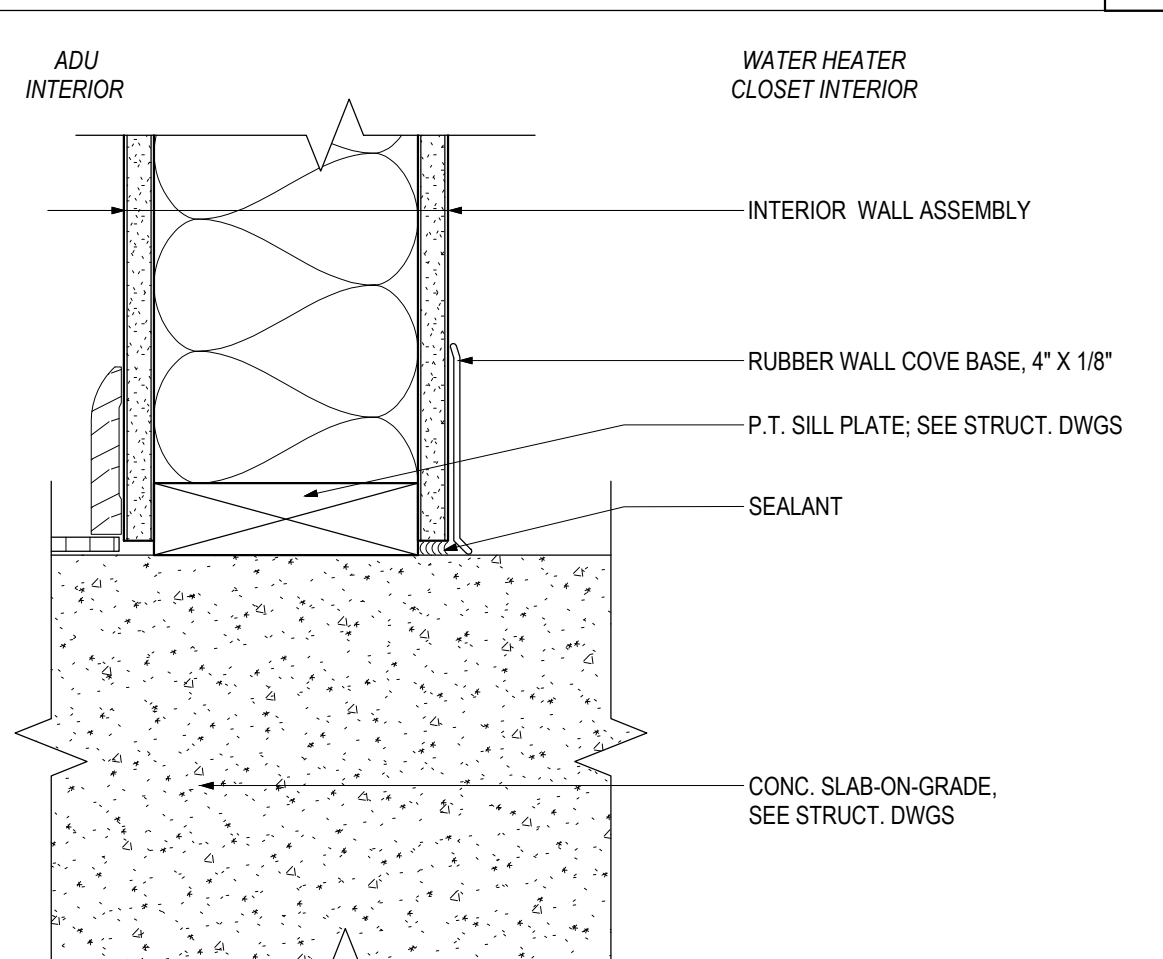
3" = 1'-0" 2X6 1 HR RATED WALL W5



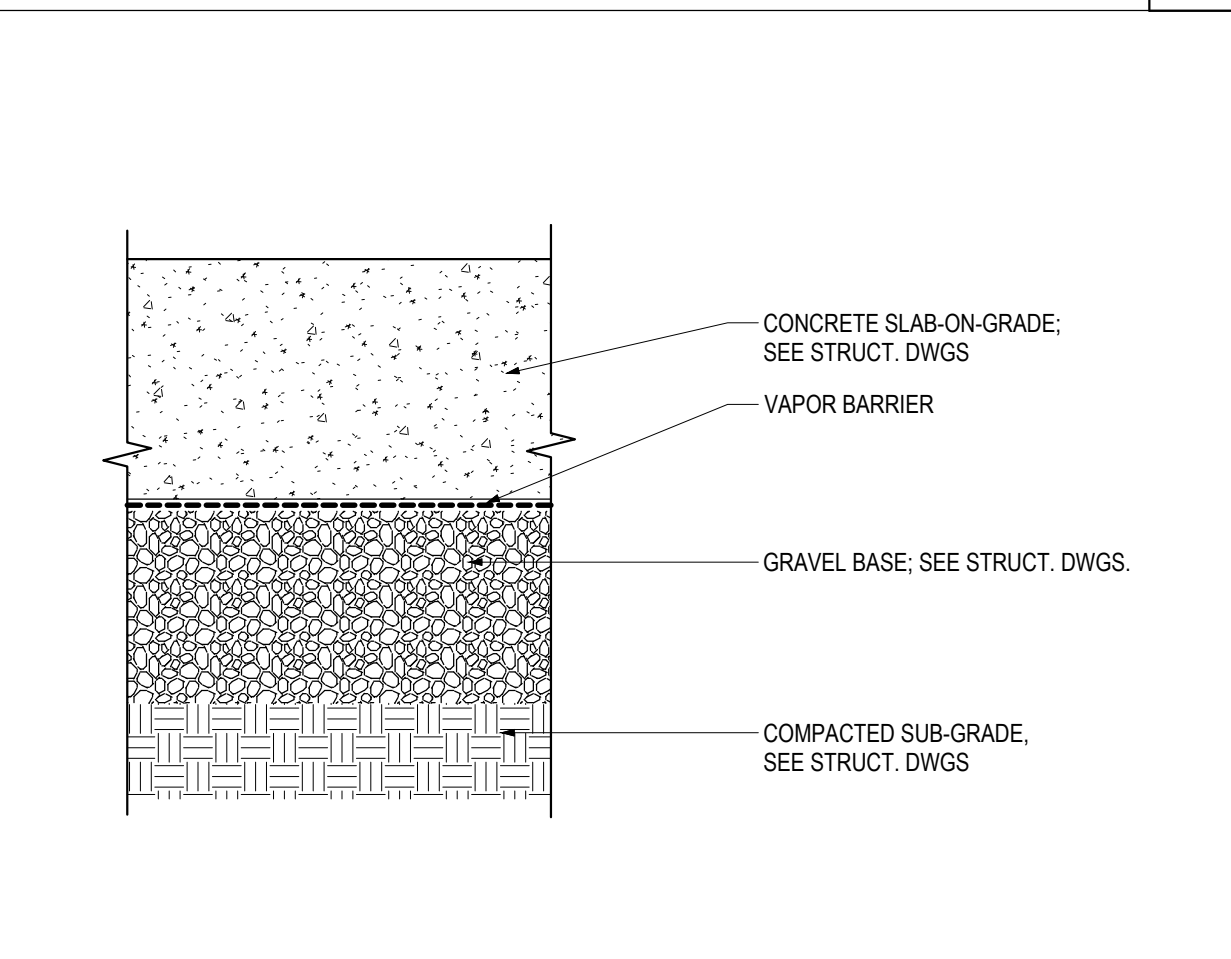
3" = 1'-0" EXT. WALL BASE 1



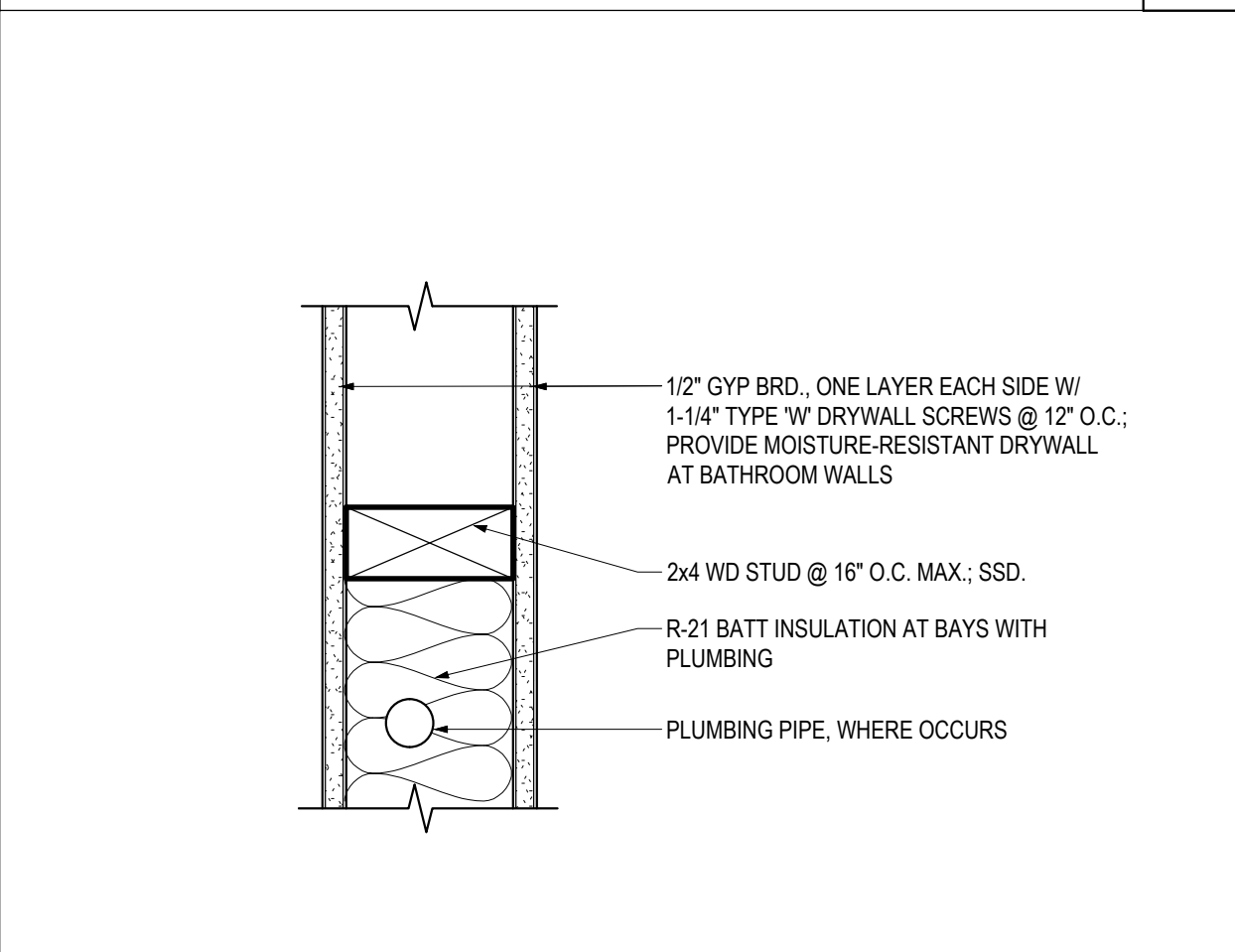
3" = 1'-0" 2x6 NON-RATED INTERIOR WALL W3



3" = 1'-0" INT. WALL BASE - @ WTR. HTR. CLOSET 4



3" = 1'-0" CONC. SLAB ON GRADE F1



3" = 1'-0" 2x4 NON-RATED INTERIOR WALL W1

PLUMBING THESE STANDARD PLANS, THE USER AGREES TO BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND TO WHOM USER APPLIES FOR A BUILDING PERMIT, AS WELL AS EACH CITY'S OFFICERS, OFFICIALS AND EMPLOYEES FROM ANY AND ALL CLAIMS, LIABILITIES, SUITS, AND DEMANDS ON ACCOUNT OF ANY INJURY, DAMAGE, OR LOSS TO PERSONS OR PROPERTY, INCLUDING INJURY TO DEATH OR ECONOMIC LOSSES, ARISING OUT OF THE USE OF THESE PLANS OR THE NEGLIGENCE OF ANY CONTRACTOR OR OTHER PARTY. THE USER SHALL BE RESPONSIBLE TO OBTAIN ANY AND ALL INFORMATION.

PROJECT  
**LOS ALTOS PERMIT-READY ADU 2 BEDROOM STYLE B**  
 PROJECT ADDRESS:

**BUILDING PERMIT**  
 REVISIONS  
 NO. DATE.

SCALE  
 As indicated  
**DETAILS + WINDOW & DOOR SCHED.**  
**A50**

SHEET A50 PRINTED 1/9/2025 11:32:15 AM PROJECT LOS ALTOS PERMIT-READY ADU