

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: 1. SHALL NOT BE LESS THAN 22-INCHES BY 30-INCHES

- . SHALL BE LOCATED IN HALLWAY OR READILY ACCESSIBLE LOCATION
- 3. WHEN LOCATED IN A WALL, OPENING SHALL BE MINIMUM OF 22-INCHES WIDE BY 30-
- 4. 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

### MINIMUM SLOPES FOR METAL ROOFS (R905.10.2)

MINIMUM SLOPES FOR METAL ROOF PANELS SHALL COMPLY WITH THE FOLLOWING: 1. THE MINIMUM SLOPE FOR LAPPED, NONSOLDERED-SEAM METAL ROOFS WITHOUT APPLIED LAP SEALANT SHALL BE THREE UNITS VERTICAL IN 12 UNITS HORIZONTAL (25% SLOPE). 2. THE MINIMUM SLOPE FOR LAPPED, NONSOLDERED-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.

3. THE MINIMUM SLOPE FOR STANDING-SEAM ROOF SYSTEMS SHALL BE ONE-QUARTER UNIT VERTICAL IN 12 UNITS HORIZONTAL (2% SLOPE)

WHERE FEASIBLE, COMBINE PLUMBING VENTS IN ATTIC. SEE DETAIL 2/A50 FOR PLUMBING VENT.

## **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 A 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.

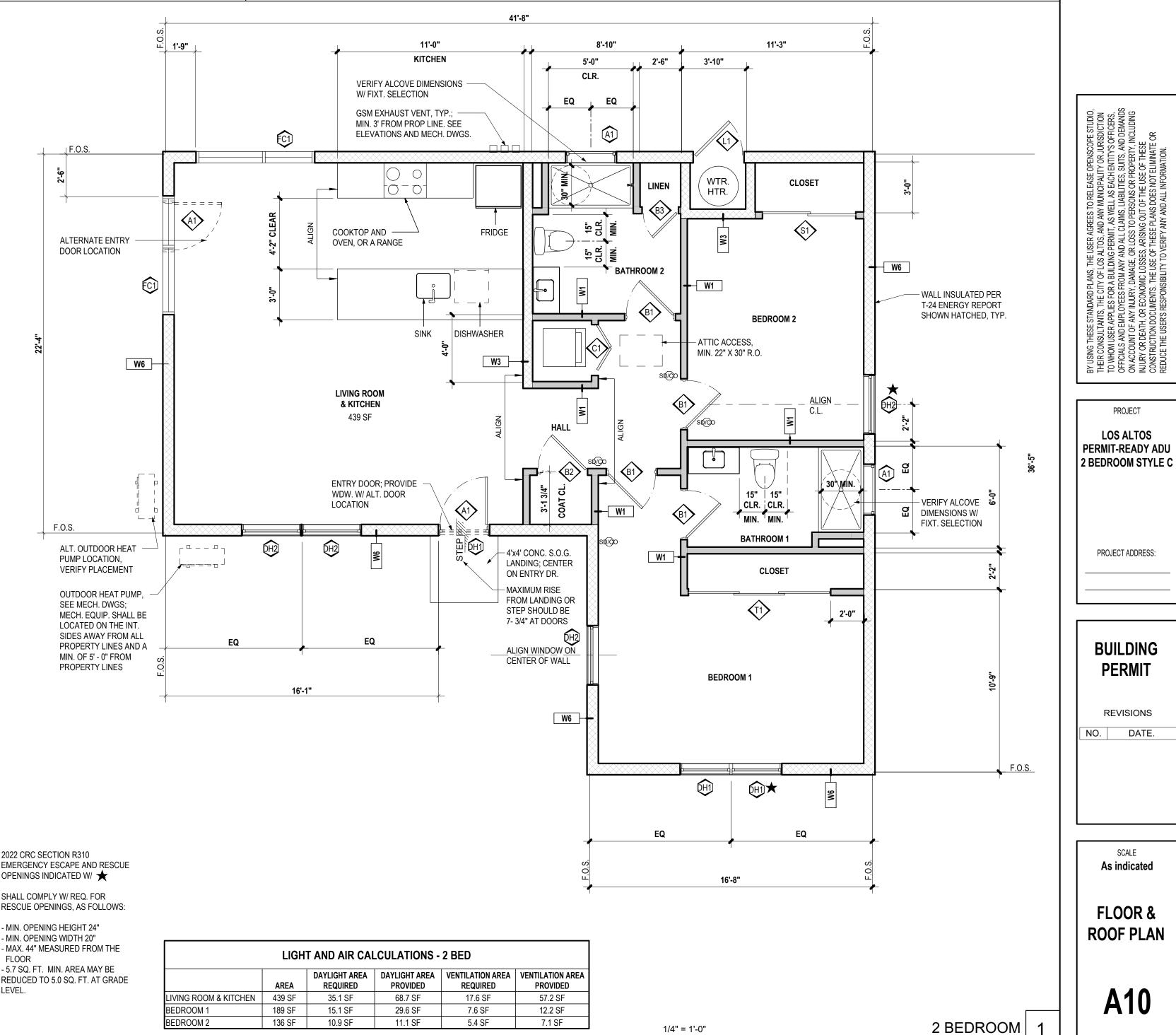
EXCEPTION 2. FOR KITCHENS, THE GLAZED AREAS NEED NOT BE OPENABLE WHERE THE OPENING IS NOT REQUIRED BY SECTION R310 AND A LOCAL EXHAUST SYSTEM IS INSTALLED IN ACCORDANCE WITH THE CALIFORNIA MECHANICAL CODE TABLE 403.7.

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 W/AY



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

SHALL COMPLY W/ REQ. FOR

- 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.

LIGHT AND AIR CALCULATIONS - 2							
	AREA	DAYLIGHT AREA REQUIRED	DAYLIGHT AREA PROVIDED				
LIVING ROOM & KITCHEN	439 SF	35.1 SF	68.7 SF				
BEDROOM 1	189 SF	15.1 SF	29.6 SF	Γ			
BEDROOM 2	136 SF	10.9 SF	11.1 SF				

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:

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

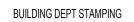
R307.2 WALL COVERING SHALL BE CEMENT PLASTER, TILE OR APPROVED EQUAL TO 72 INCHES ABOVE DRAIN AT SHOWERS OR TUB WITH SHOWERS. MATERIALS OTHER THAN STRUCTURAL ELEMENTS ARE TO BE MOISTURE RESISTANT.

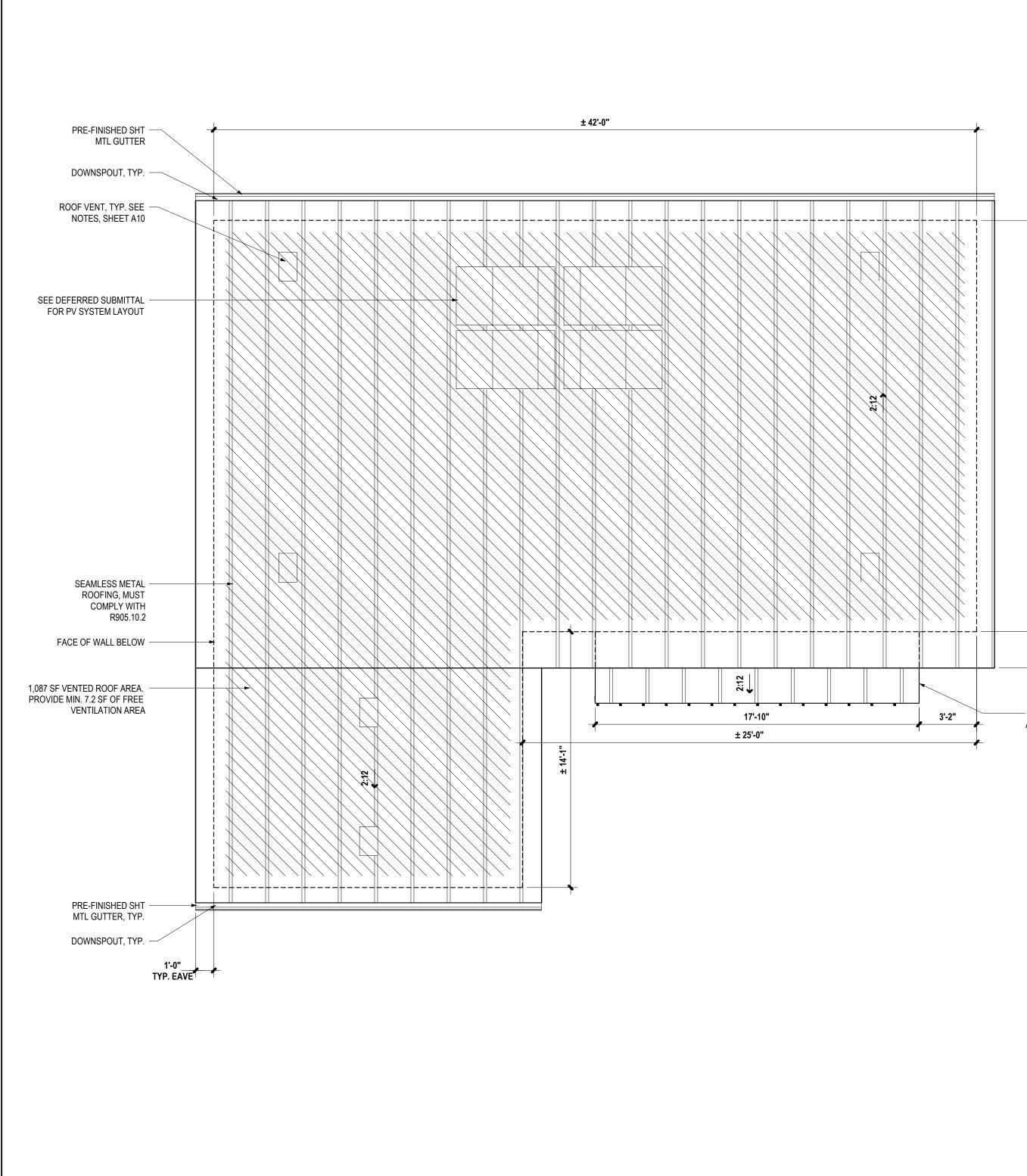
R314 SMOKE DETECTORS : SHALL BE CENTRALLY LOCATED IN CORRIDOR (OR AREA) LEADING TO SLEEPING AREAS, AND INSIDE EACH SLEEPING ROOM, AND SHALL BE INTERCONNECTED SUCH THAT THE ACTIVATION OF ONE ALARM WILL ACTIVATE ALL ALARMS. SMOKE DETECTORS SHALL BE HARD WIRED AND EQUIPPED WITH BATTERY BACKUP. SMOKE DETECTORS 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.

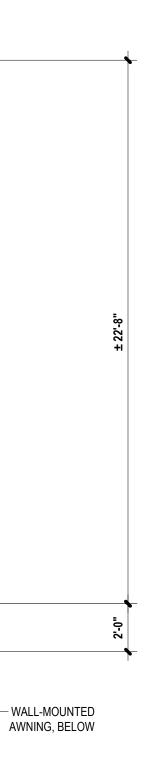
R315 CARBON MONOXIDE DETECTORS: SHALL BE LOCATED OUTSIDE OF EACH SEPARATE DWELLING UNIT SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOM(S), AND SHALL BE HARD WIRED AND EQUIPPED WITH BATTERY BACKUP AND SHALL BE INTERCONNECTED.

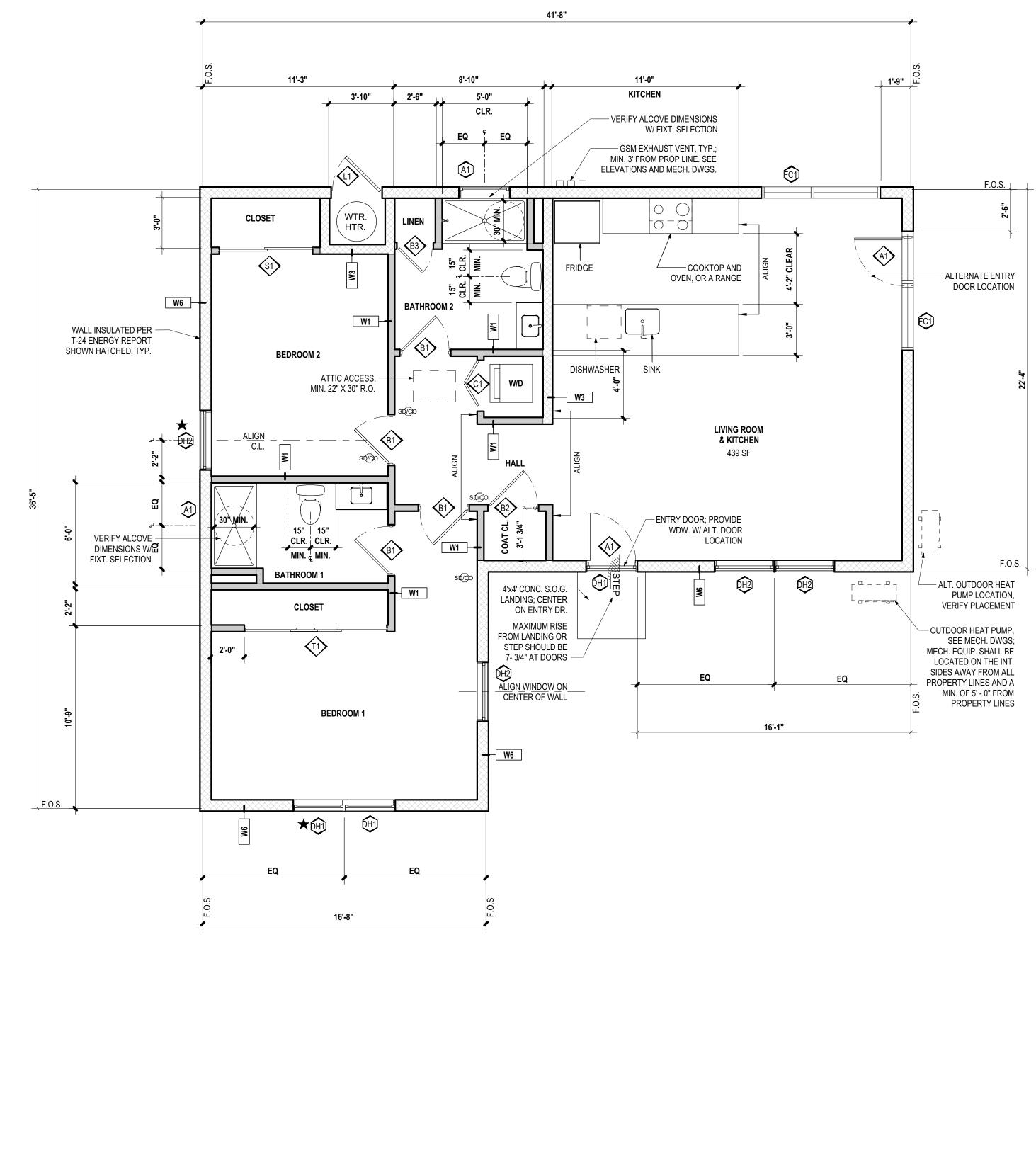
R319 ADDRESS IDENTIFICATION: BUILDING ADDRESS CHARACTER SIZE SHALL BE A MINIMUM OF 4 " TALL AND WITH ½ STROKE. THE ADDRESS SHALL BE LEGIBLE FROM THE STREET OR ROADWAY FRONTING THE PROPERTY. IF THE BUILDING IS LOCATED ON A PRIVATE ROAD AND THE BUILDING CANNOT BE SEEN FROM THE MAIN STREET OR ROADWAY A 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









### **GENERAL NOTES**

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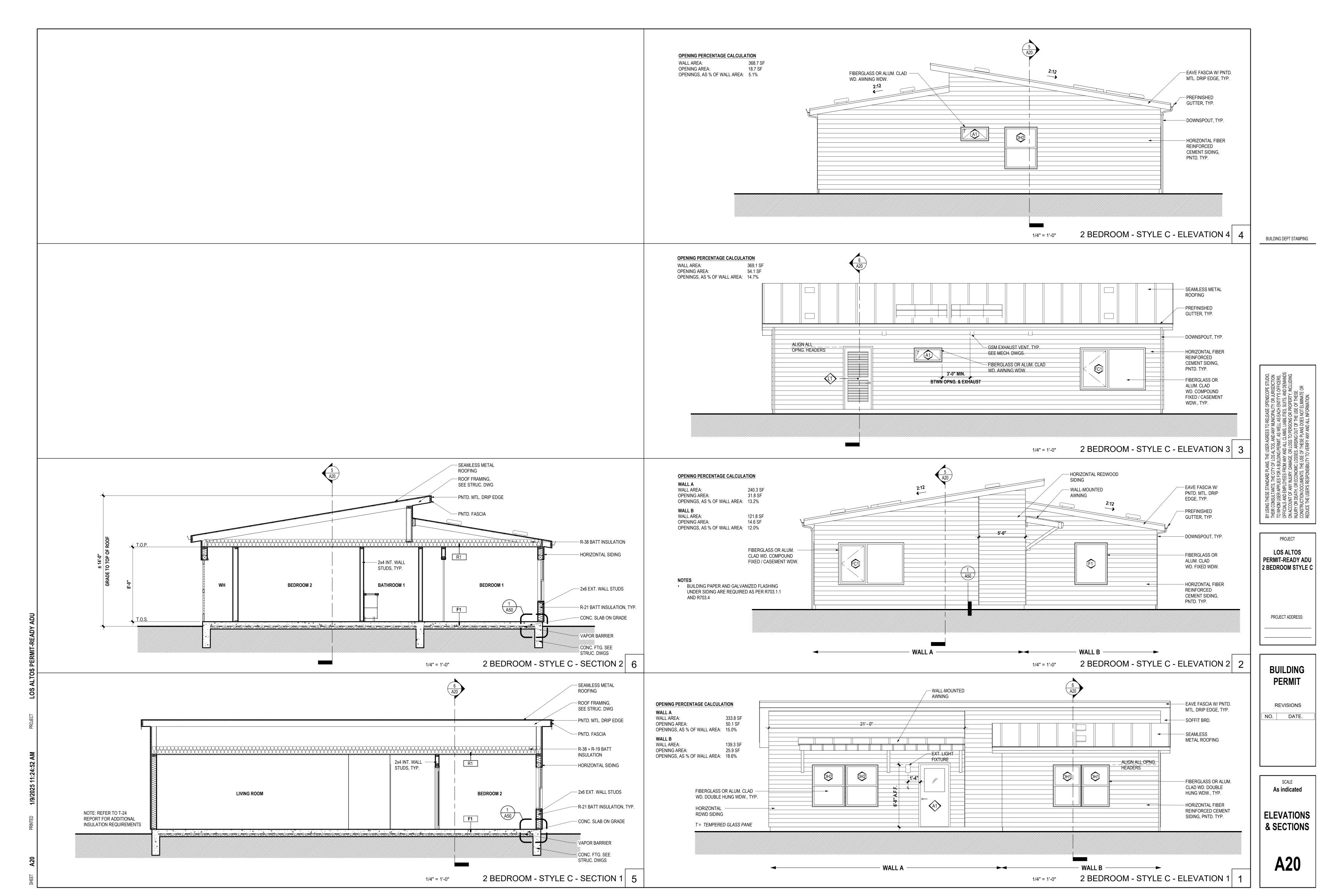
ADDITIONAL NOTES FOR FLOOR AND ROOF PLANS CAN BE FOUND ON SHEET A10

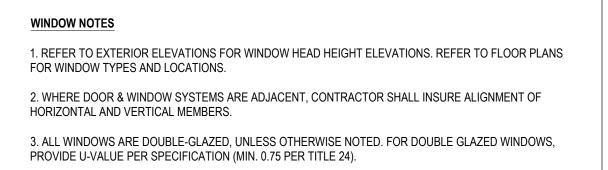
2 BEDROOM - STYLE C - ROOF PLAN -MIRRORED



BUILDING DEPT STAMPING

1/4" = 1'-0"



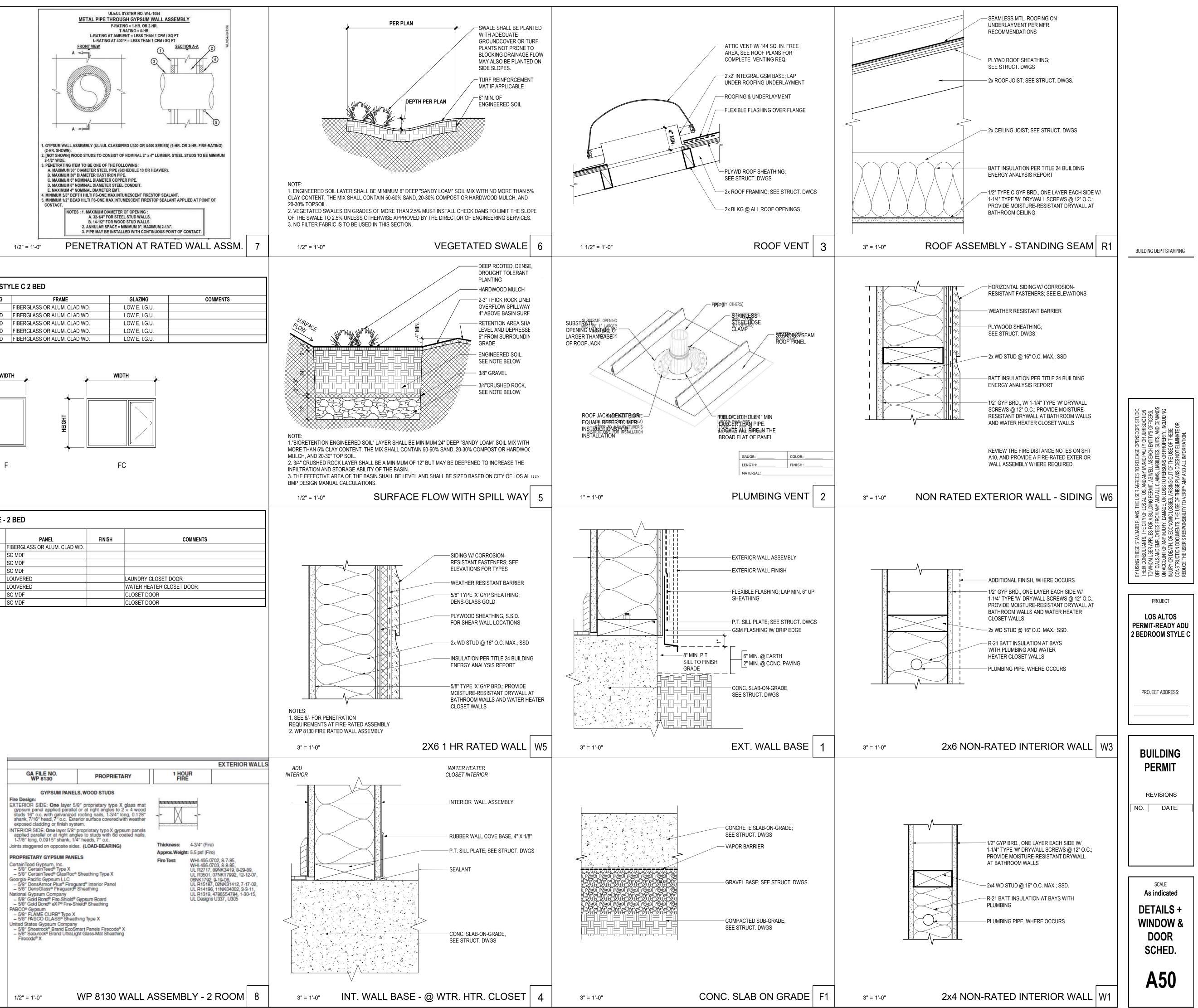


4. ALL SAFETY GLAZING SHALL BE IDENTIFIED AS SUCH PER CRC SECTION R308.1. PROVIDE SAFETY GLAZING AT LOCATIONS REQUIRED PER CRC SECTION R308.4, INCLUDING, BUT NOT LIMITED:

- A. 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 FIXTURE'S WATER EDGE
- J. ALL SHOWER ENCLOSURES AND SHOWER DOORS

5. SEE WINDOW DETAIL SHEET FOR INSTALLATION AND FLASHING SEQUENCE (WHERE APPLIES).

6. 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.



TYPE	DESCRIPTION	WIDTH	HEIGHT	FIRE RATING	FRAME	GLAZING	C
A1	AWNING WINDOW	3' - 0"	1' - 6"	NONE	FIBERGLASS OR ALUM. CLAD WD.	LOW E, I.G.U.	
F1	FIXED	3' - 6"	4' - 6"	NON RATED	FIBERGLASS OR ALUM. CLAD WD.	LOW E, I.G.U.	
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.	
FC1	COMPOUND FIXED CASEMENT WINDOW	7' - 0"	4' - 6"	NON RATED	FIBERGLASS OR ALUM. CLAD WD.	LOW E, I.G.U.	
	WIDTH	W	DTH	WID	TH b	WIDTH	

# WINDOWS

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DOOR SCHEDULE - 2 BED									
ТҮРЕ	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

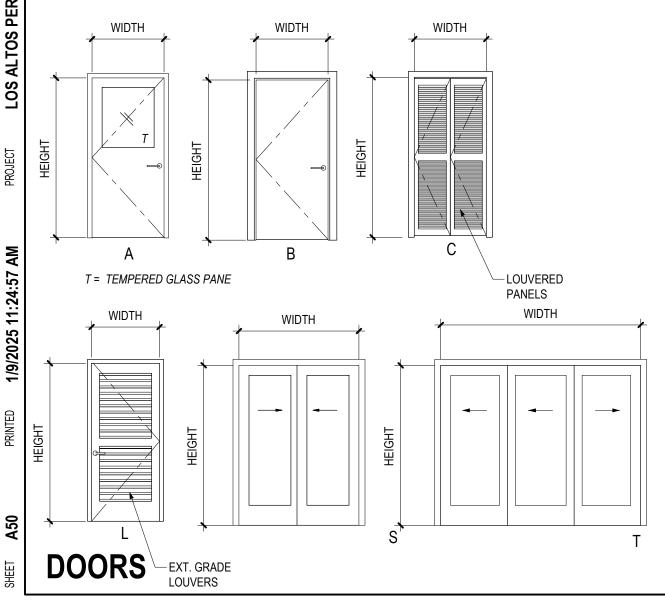
DH

DOOR NOTES PROVIDE SAFETY GLAZING PER CRC R308.1.

2. ALL EXIT DOORS ARE TO BE OPERABLE FROM THE INSIDE WITHOUT USE OF A KEY, OR SPECIAL KNOWLEDGE OR EFFORT.

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- 3. 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.
- 4. ALL OPENINGS IN FIRE-RATED WALLS SHALL COMPLY WITH CRC TABLE R302.1(1) OR TABLE R302.1(2) WHERE APPLICABLE.
- 5. PROVIDE MINIMUM 100 SQ. IN. OF MAKEUP AIR TO LAUNDRY CLOSET PER CMC 205, 504.4.1 AND 701.3.



WP 8130	PROPRIETARY	1 HOUR FIRE	
GYPSUM PANEL: Fire Design: EXTERIOR SIDE: One layer 5// gypsum panel applied parallel studs 16" o.c. with galvanized shank, 7/16" head, 7" o.c. Exte exposed cladding or finish syste INTERIOR SIDE: One layer 5/8" g	8" proprietary type X glass mat or at right angles to 2 × 4 wood roofing nails, 1-3/4" long, 0.128" rior surface covered with weather em. proprietary type X gypsum panels les to studs with 6d coated nails, " heads, 7" o.c. s. (LOAD-BEARING) LS Sheathing Type X lard® Interior Panel Sheathing Gypsum Board lield® Sheathing hing Type X nart Panels Firecode® X	Thickness: Approx.Weigh Fire Test:	4.3/4" (Fi