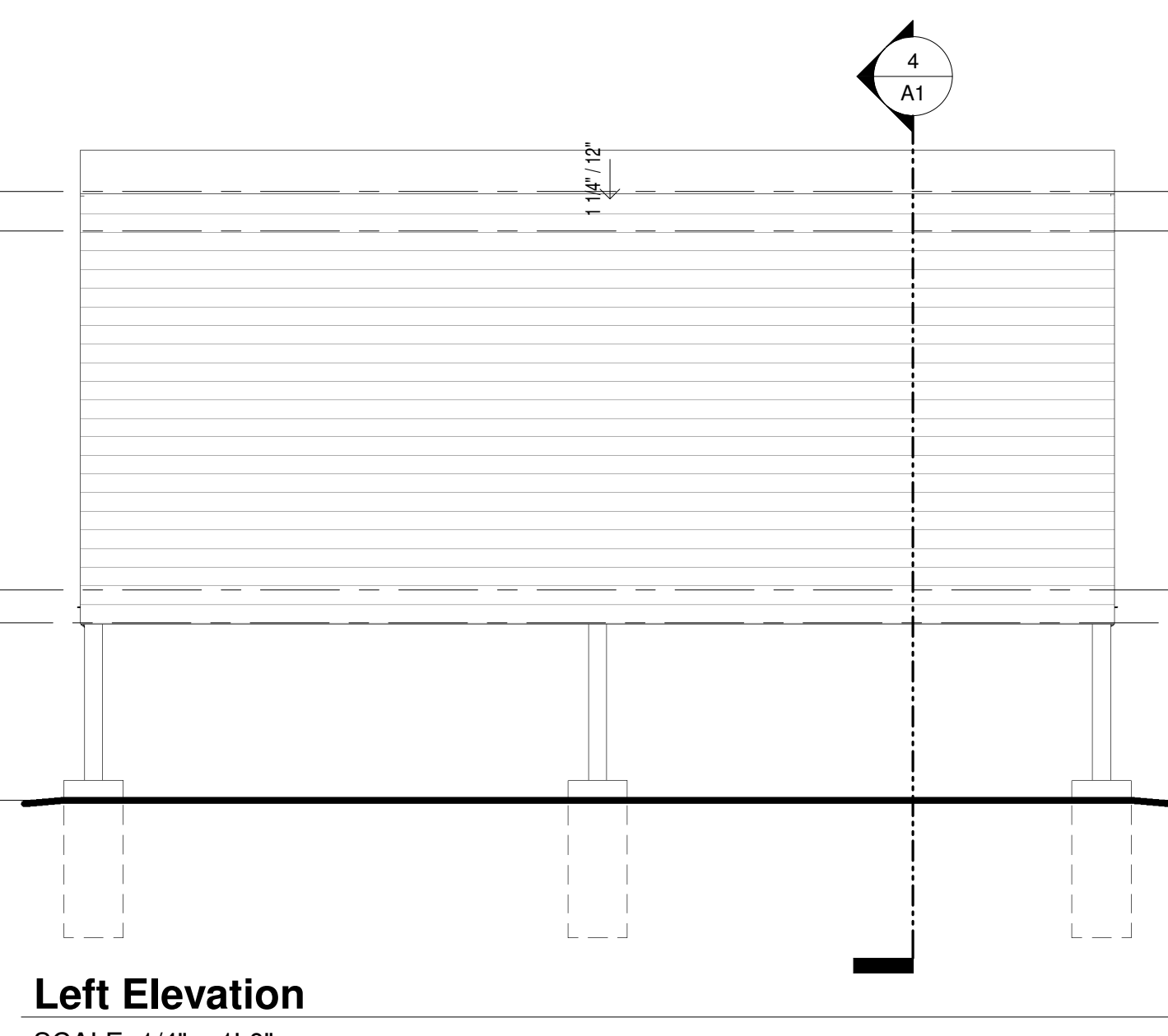
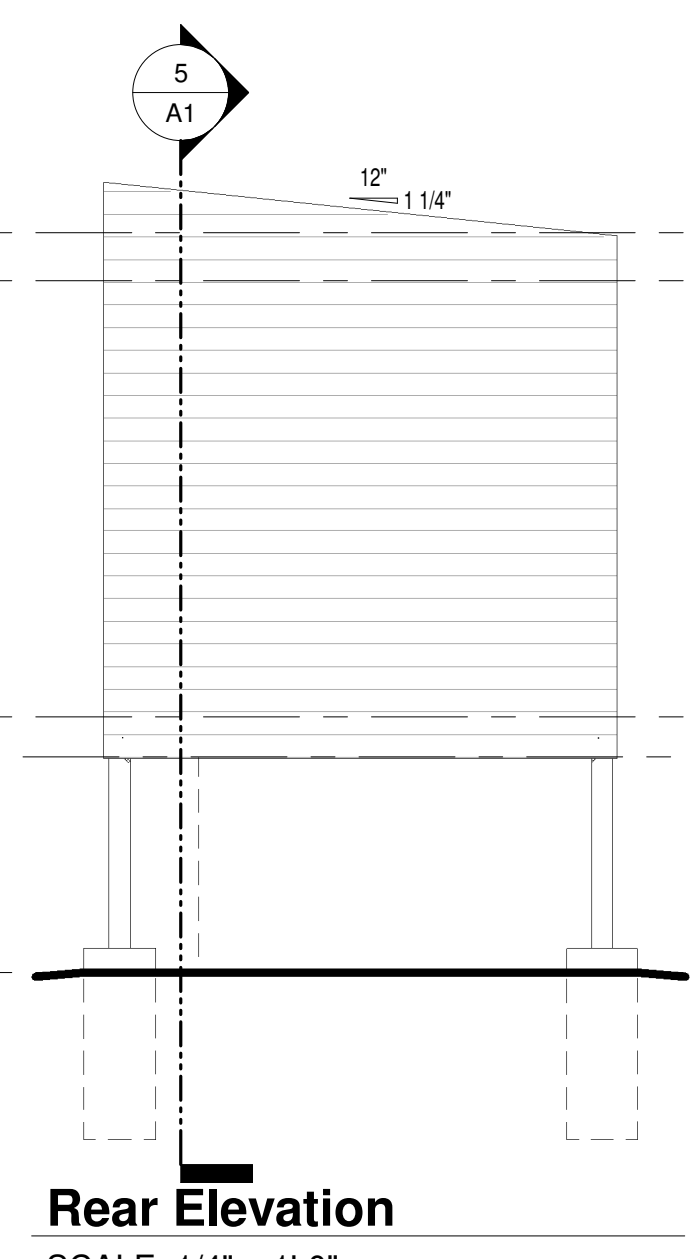


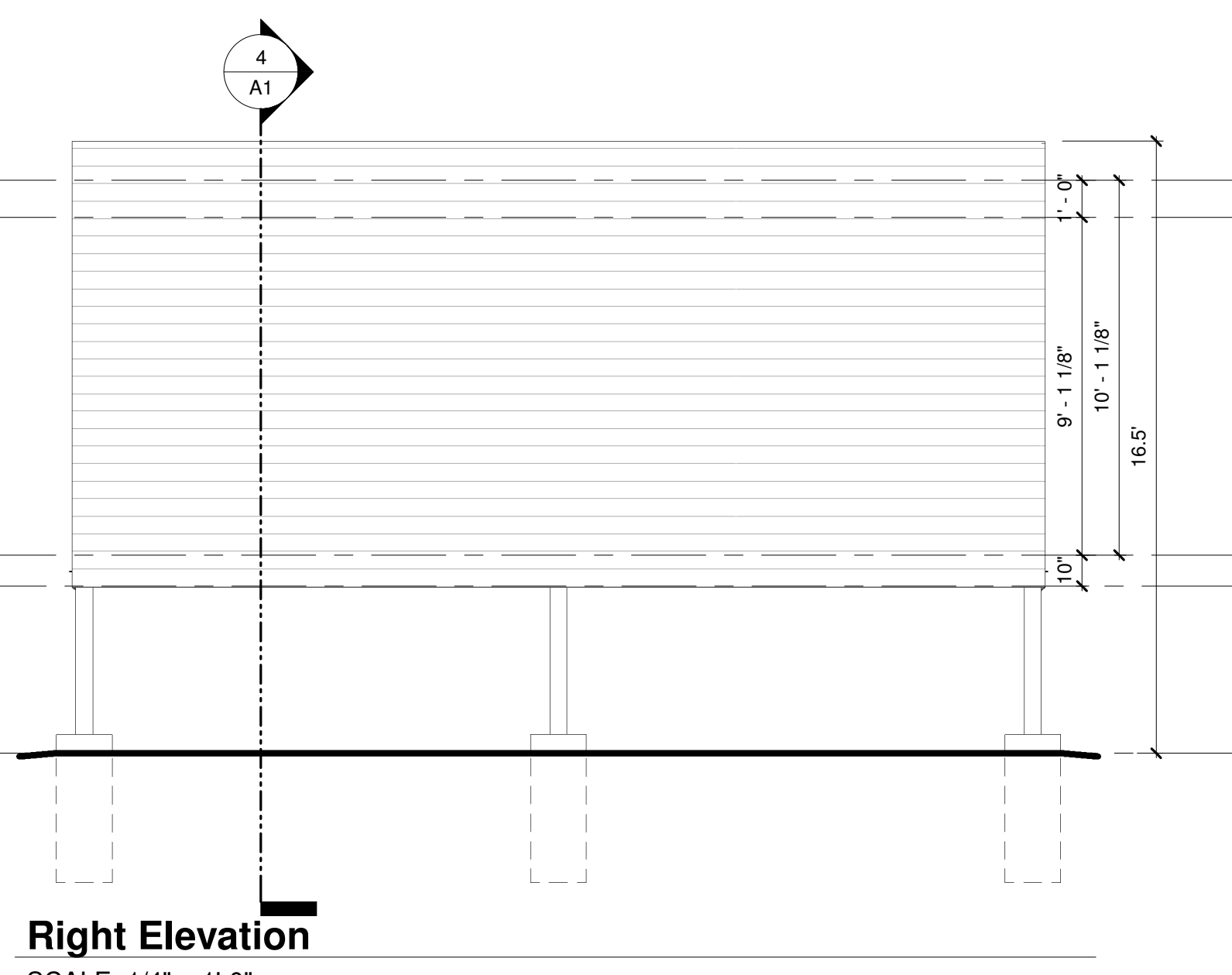
**Front Elevation**  
SCALE: 1/4" = 1'-0"



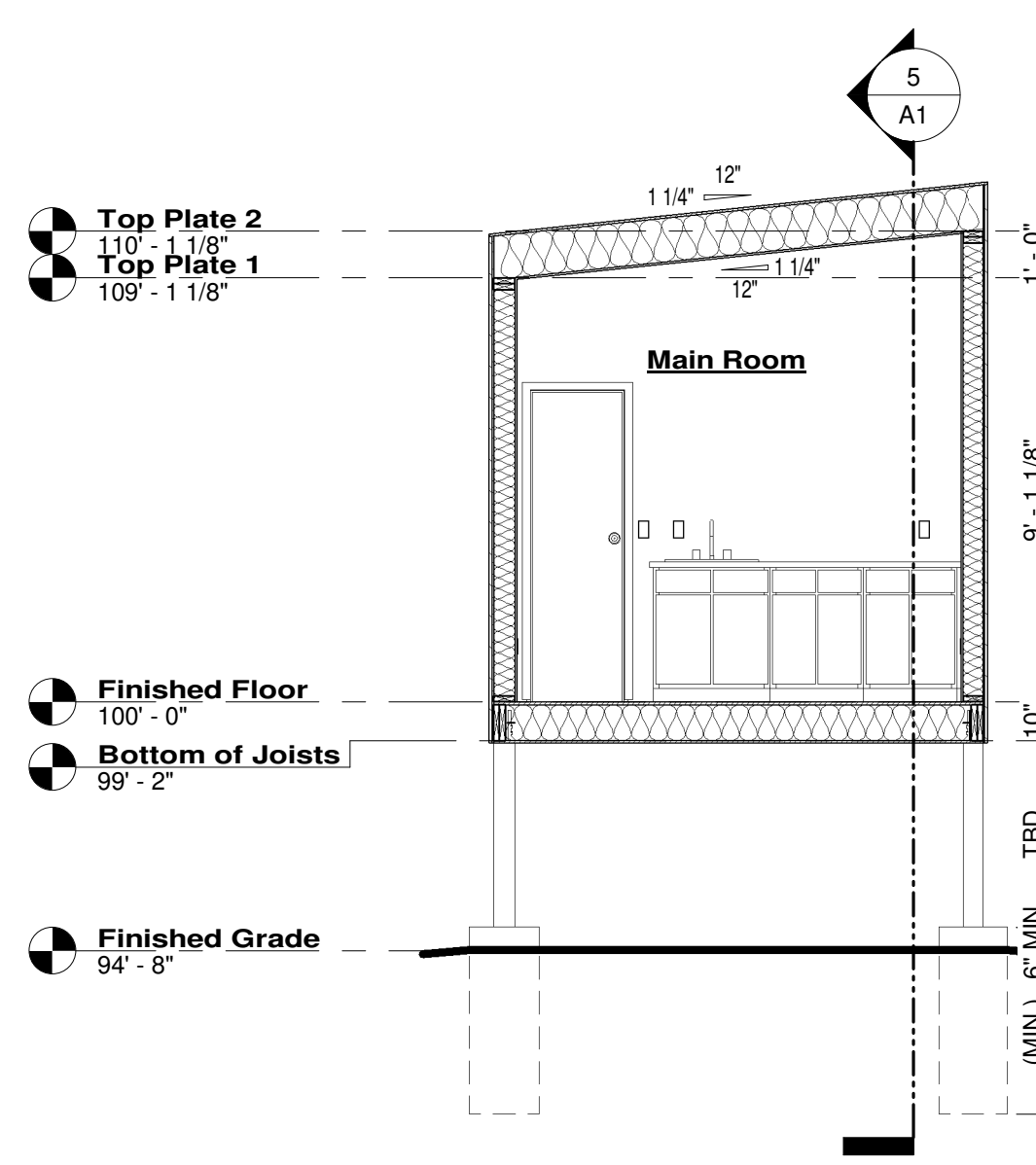
**Left Elevation**  
SCALE: 1/4" = 1'-0"



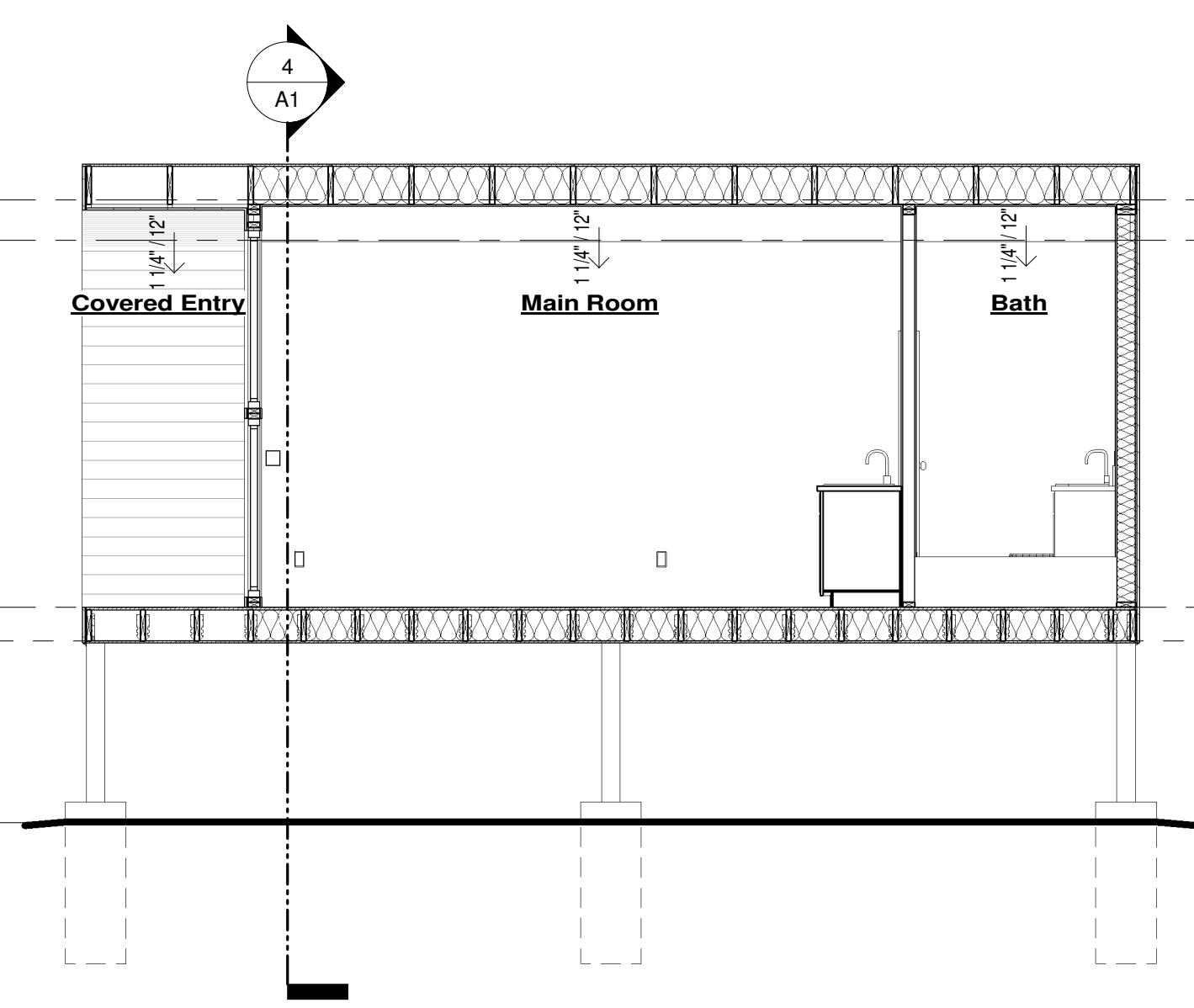
**Rear Elevation**  
SCALE: 1/4" = 1'-0"



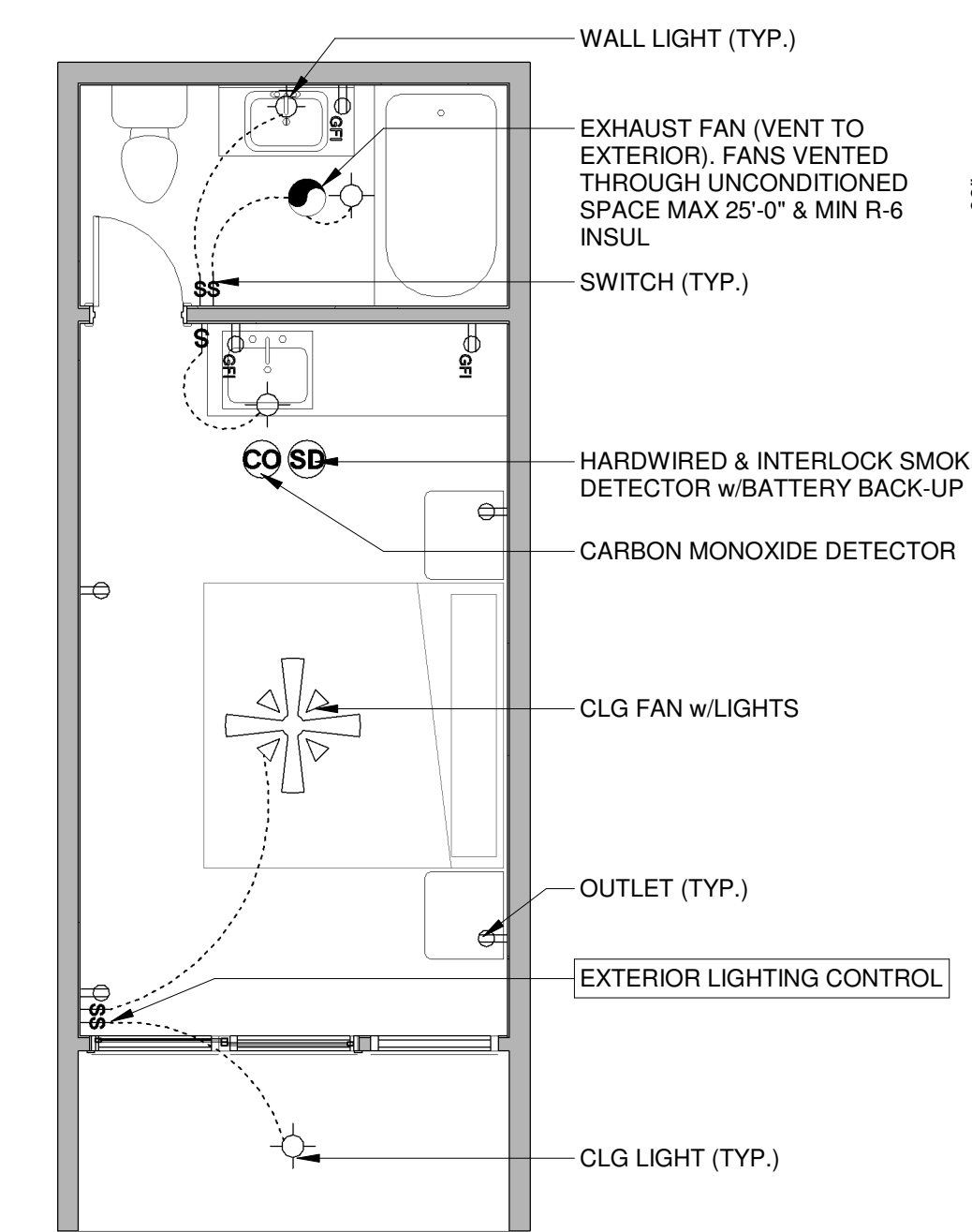
**Right Elevation**  
SCALE: 1/4" = 1'-0"



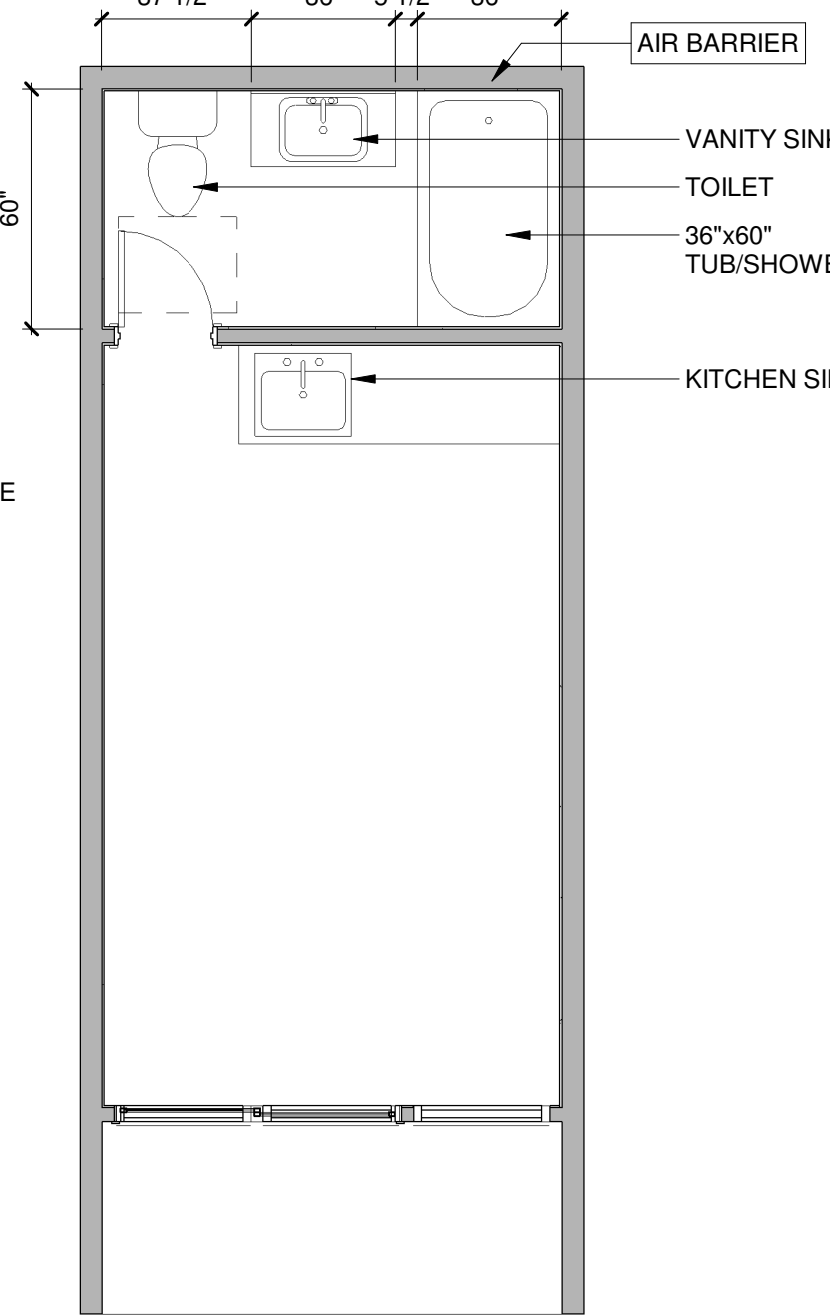
**Section 1**  
SCALE: 1/4" = 1'-0"



**Section 2**  
SCALE: 1/4" = 1'-0"



**Electrical Plan**  
SCALE: 1/4" = 1'-0"



**Plumbing Plan**  
SCALE: 1/4" = 1'-0"

**GENERAL NOTES**

- ALL WALLS HEIGHTS PER PLAN
- ALL DOORS ARE LABELED IN FEET & INCHES. (EG. 3068 = 3'-0" WIDE, 6'-8" HIGH)
- ALL WINDOWS ARE LABELED IN INCHES (EG. 34"x36" = 34" WIDE, 36" HIGH) & WINDOW OPERATION & WINDOW HEADER HEIGHT

01 - NOT USED  
02 - NOT USED

R1 - ROOF:  
Composite asphalt shingle (Class A fire rating) on underlayment and 7/16" sheathing over 2x rafter framing system. Insulation per IECC

F1 - FRAMED FLOOR SYSTEM:  
23/32" T&G sub-floor on 2x framing system. Refer to Floor Framing Plans.  
Fire protection of floors per IRC R302.13.

W1 - EXTERIOR WALL:  
2x6 wood studs 16" O.C., double top plates w/ 48" minimum laps. Exterior solidly sheathed. Insulation, vapor barrier (warm side). Finish interior face w/ 1/2" gypsum board. Exterior face, 7/16" OSB sheathing.

W2 - FOUNDATION SYSTEM:  
Post to concrete foundation, refer to soils report & engineered foundation plan.

**ELECTRICAL NOTES**

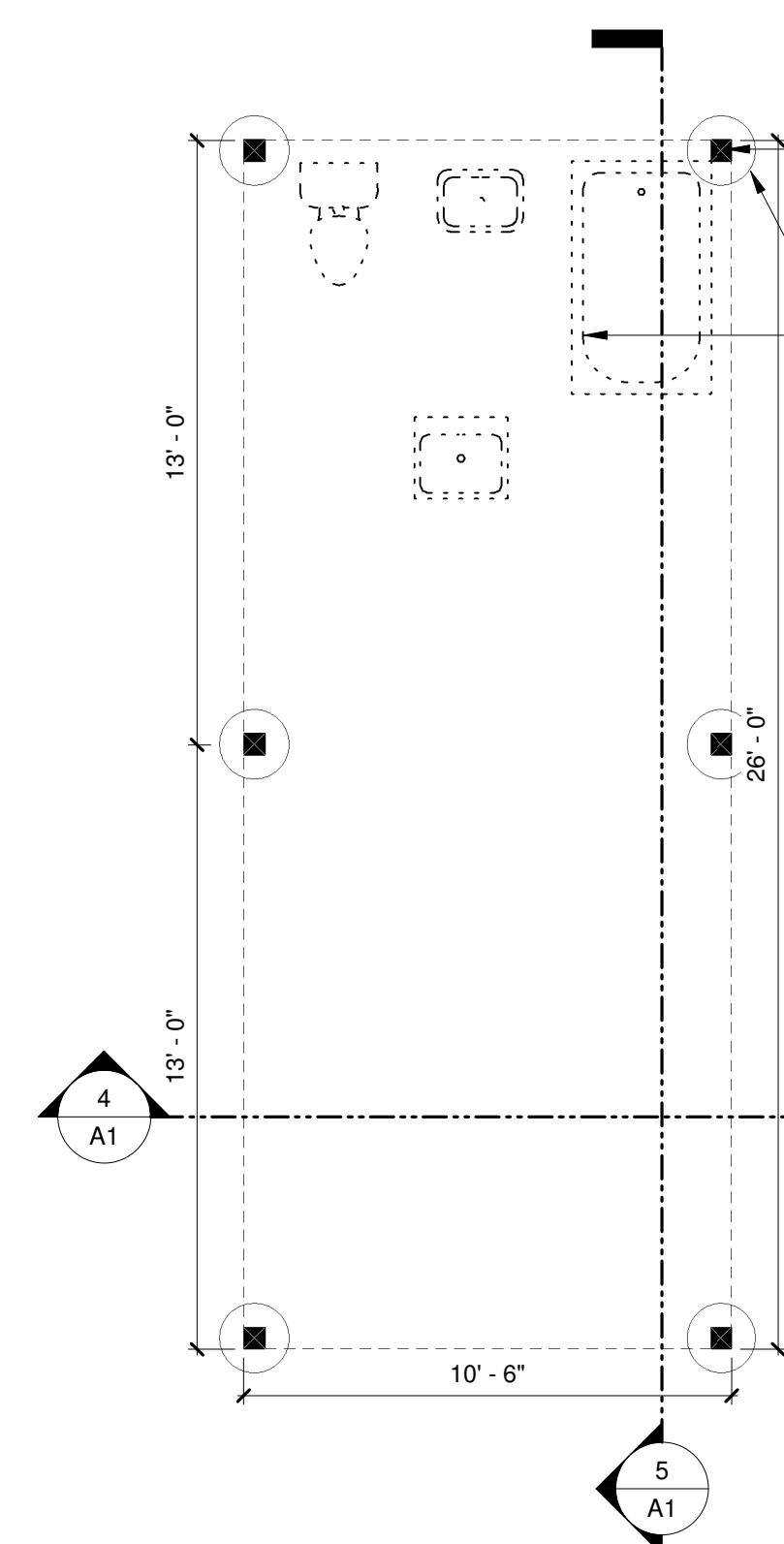
- ALL ELECTRICAL WORK TO MEET OR EXCEED ALL LOCAL CODES.
- BRANCH RECEPTACLES CIRCUIT, LIGHTS CEILING FANS & SMOKE DETECTORS SERVING BEDROOMS TO BE ARC-FAULT CIRCUIT INTERRUPTERS.
- PROVIDE (2) DEDICATED 20 AMP SMALL APPLIANCE BRANCH CIRCUITS FOR THE KITCHEN.
- PROVIDE A DEDICATED 20 AMP BRANCH CIRCUIT TO SERVICE THE REQUIRED BATHROOM OUTLETS.
- LIGHT FIXTURES IN TUB OR SHOWER ENCLOSURES TO BE LABELED "SUITABLE FOR DAMP LOCATIONS".
- ALL INCANDESCENT LIGHT FIXTURES RECESSED INTO INSULATED CEILING SHALL BE I.C. RATED BY UL OR OTHER APPROVED AGENCY.
- ALL EXTERIOR OUTLET CIRCUITS ARE TO BE GFCI PROTECTED.
- OCCUPANCY SENSORS TO BE INSTALLED PER 2021 IECC R404.2
- EXTERIOR LIGHTING CONTROLS PER 2021 IECC R403.3

**PLUMBING NOTES**

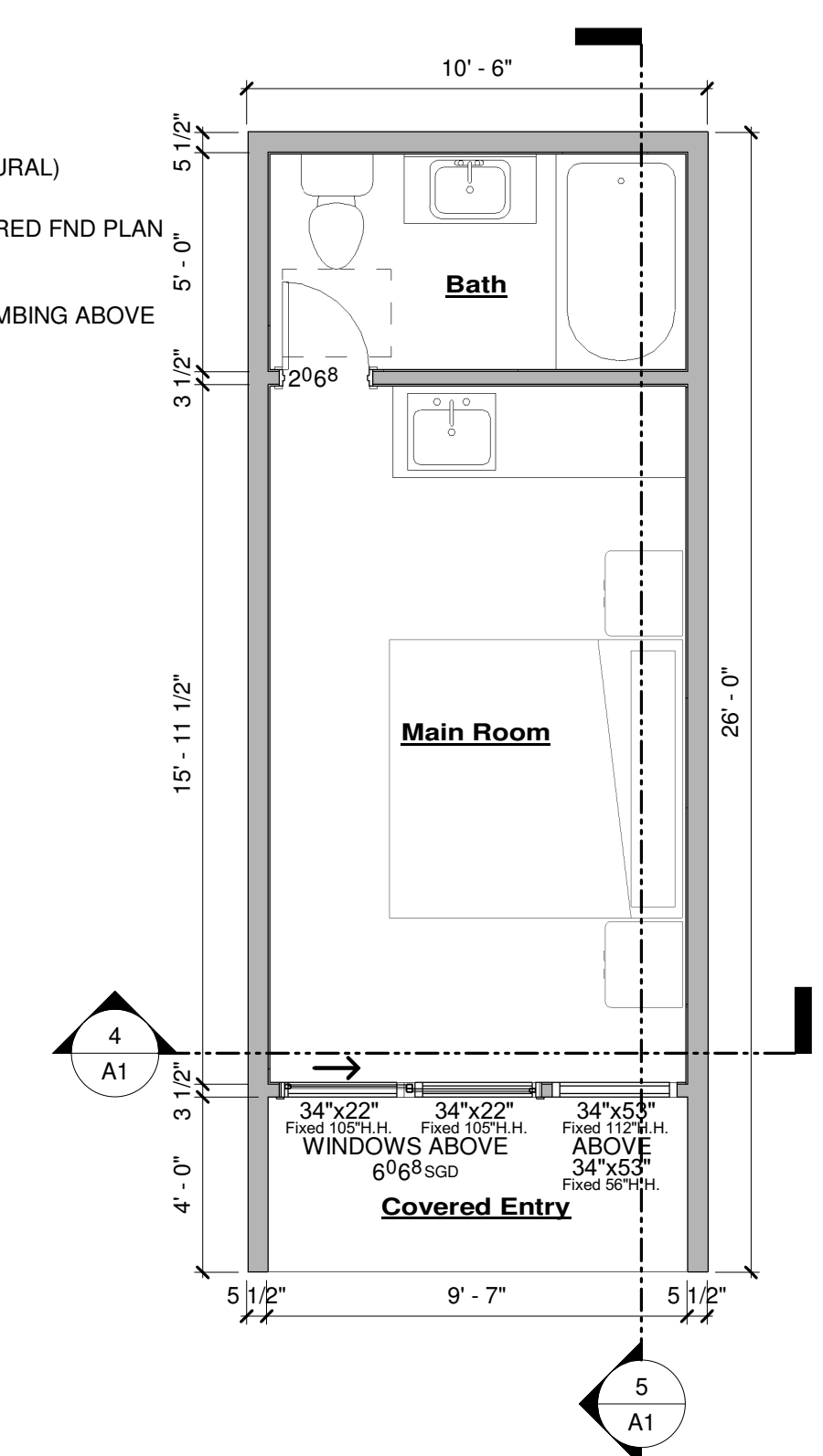
- ALL PLUMBING WORK TO MEET OR EXCEED ALL LOCAL CODES.
- ALL FIXTURES TO BE NRTL LISTED.
- MAXIMUM WATER SUPPLY FIXTURE UNITS PER WATER PIPE SIZE

| PIPE SIZE | FIXTURE UNITS |
|-----------|---------------|
| 1/2"      | 3             |
| 3/4"      | 9.5           |
| 1"        | 32            |

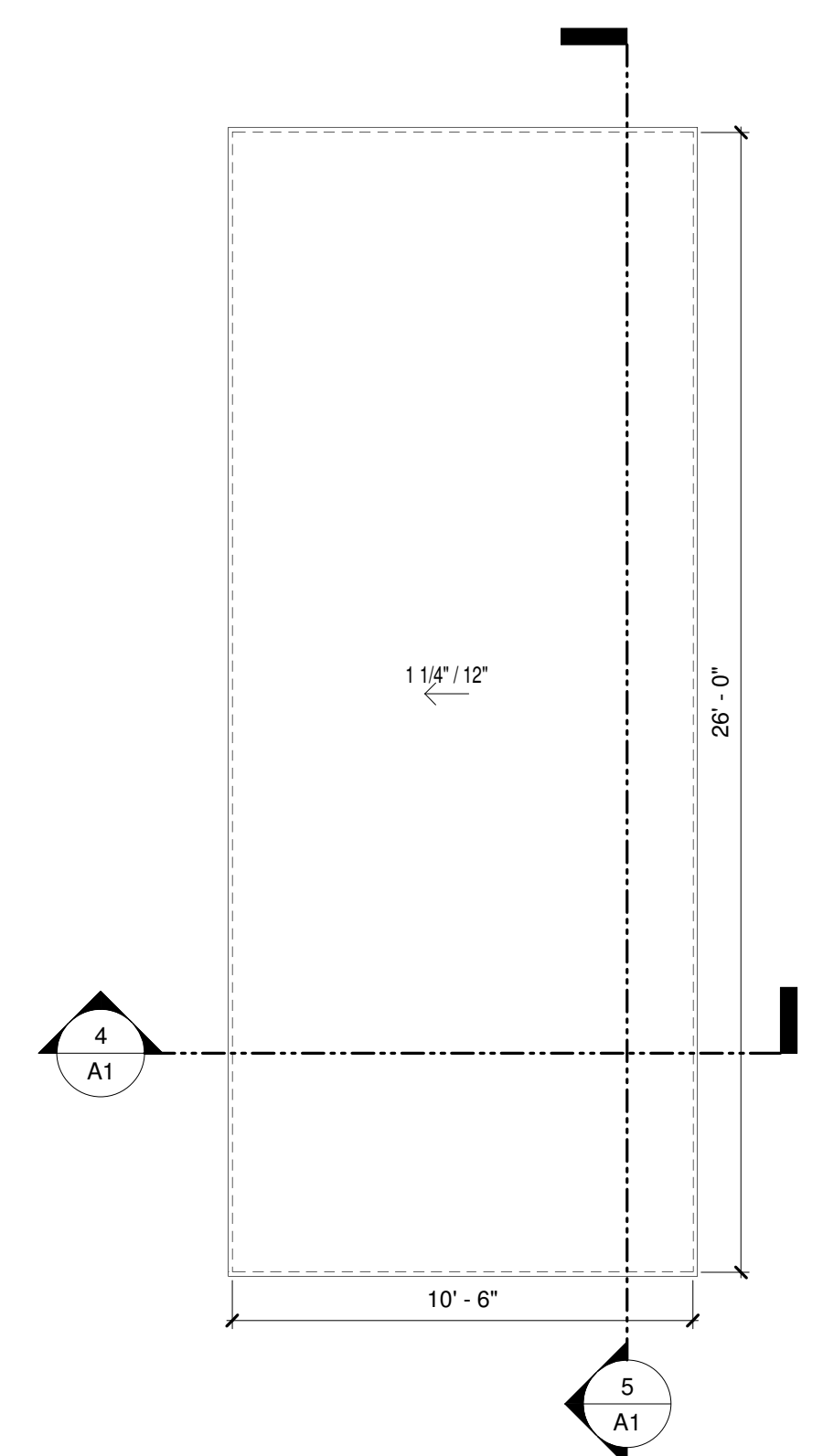
- HOT WATER PIPE INSULATION PER IECC R403.5.2



**1 Foundation Layout Plan**  
SCALE: 1/4" = 1'-0"



**2 Main Floor Plan**  
SCALE: 1/4" = 1'-0"



**3 Roof Ridge Plan**  
SCALE: 1/4" = 1'-0"

**LOADING INFORMATION**

WIND LOAD: 130 MPH (Ultimate) EXPOSURE 'C' 2021 IRC 2023 PPRBC

ROOF LOADS: LIVE LOAD= 40# PSF DEAD LOAD= 15# PSF

FLOOR LOADS: LIVE LOAD= 40# PSF DEAD LOAD= 10# PSF

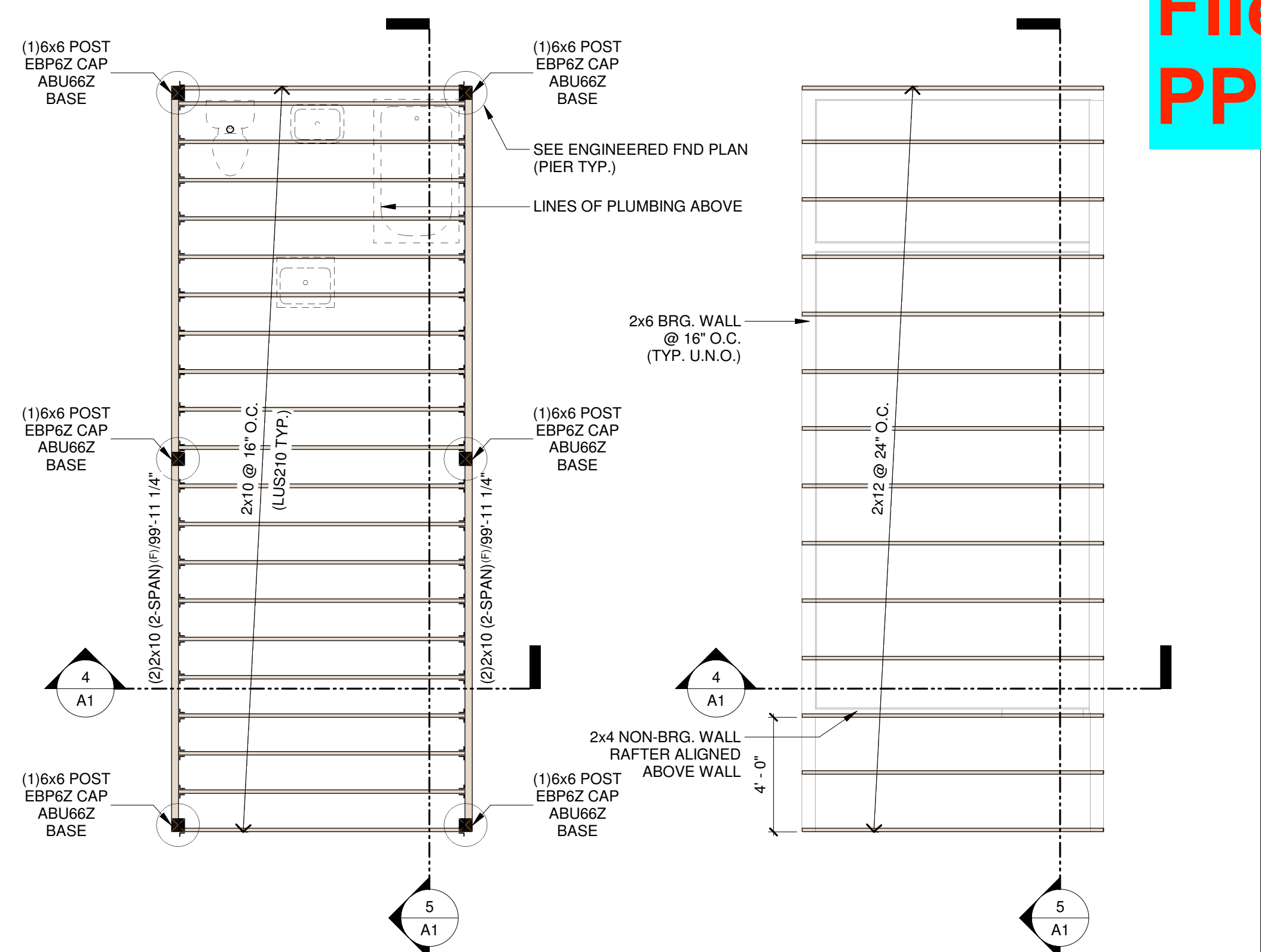
**FRAMING NOTES**

- U.N.O. ALL FLOOR JOISTS ARE 2x10 DF #2 @ 16" O.C. w/LUS210 OR LUC210Z (TYP) - INSTALL PER MANUFACTURERS RECOMMENDATIONS
- ALIGN FLOOR JOISTS TO ALLOW FOR PLUMBING & MECHANICAL INSTALLATION
- ROOF FRAMING SHALL BE IN ACCORDANCE WITH IRC SECTION R802 WOOD ROOF FRAMING.
- U.N.O. ALL ROOF RAFTERS ARE 2x12 DF#2 OR BETTER.
- PROVIDE 1-H2.5T CLIP PER PLY @ EACH RAFTER BRG POINT @ EACH END OF RAFTER NOT UTILIZING OTHER ANCHORS-U.N.O.
- BIRD MOUTH CUT (TYP U.N.O.) PER R802.7

**WALL BRACING INFORMATION**

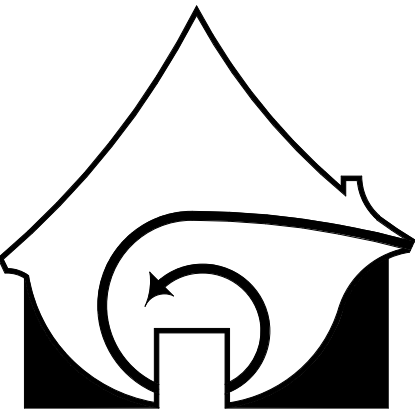
UNLESS NOTED OTHERWISE: REFERENCE R602.10.4 ALL EXTERIOR WALLS WILL BE DONE AS PER THE WALL BRACING METHOD CS-WSP (CONTINUOUS SHEATHING STRUCTURE) WITH 7/16" OSB SHEATHING. APA RATED STRUCTURAL 24/16

**CONNECTION CRITERIA:**  
8d COMMON (2 1/2"x0.113") NAILS @ 6" SPACING (PANEL EDGES) AND @ 12" SPACING (INTERMEDIATE SUPPORTS) OR 16ga. x1 3/4" STAPLES: AT 3" SPACING (PANEL EDGES) AND 6" SPACING (INTERMEDIATE SUPPORTS).



**S1 (STRUCTURAL) Floor Framing Plan**  
SCALE: 1/4" = 1'-0"

**S2 (STRUCTURAL) Roof Framing Plan**  
SCALE: 1/4" = 1'-0"



CONTRACTOR/OWNER:  
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PROJECT NAME:  
**10.5x26 TINY HOME**

PROJECT ADDRESS:  
16315 RICKENBACKER AVE,  
MONUMENT, CO 80132

**File No. PPR2443**

STAMP:  
STRUCTURAL ONLY

**NOT FOR CONSTRUCTION**

REVISIONS:

| NUMBER | DATE |
|--------|------|
|        |      |

ARCHITECTURAL:  
DRAWN BY : LR  
PROJECT # 072024101  
PLOT: 7/30/2024 6:37:51 AM

ELEVATIONS, SECTIONS, PLAN & STRUCTURAL  
SHEET  
**A1**  
OF 1 SHEETS