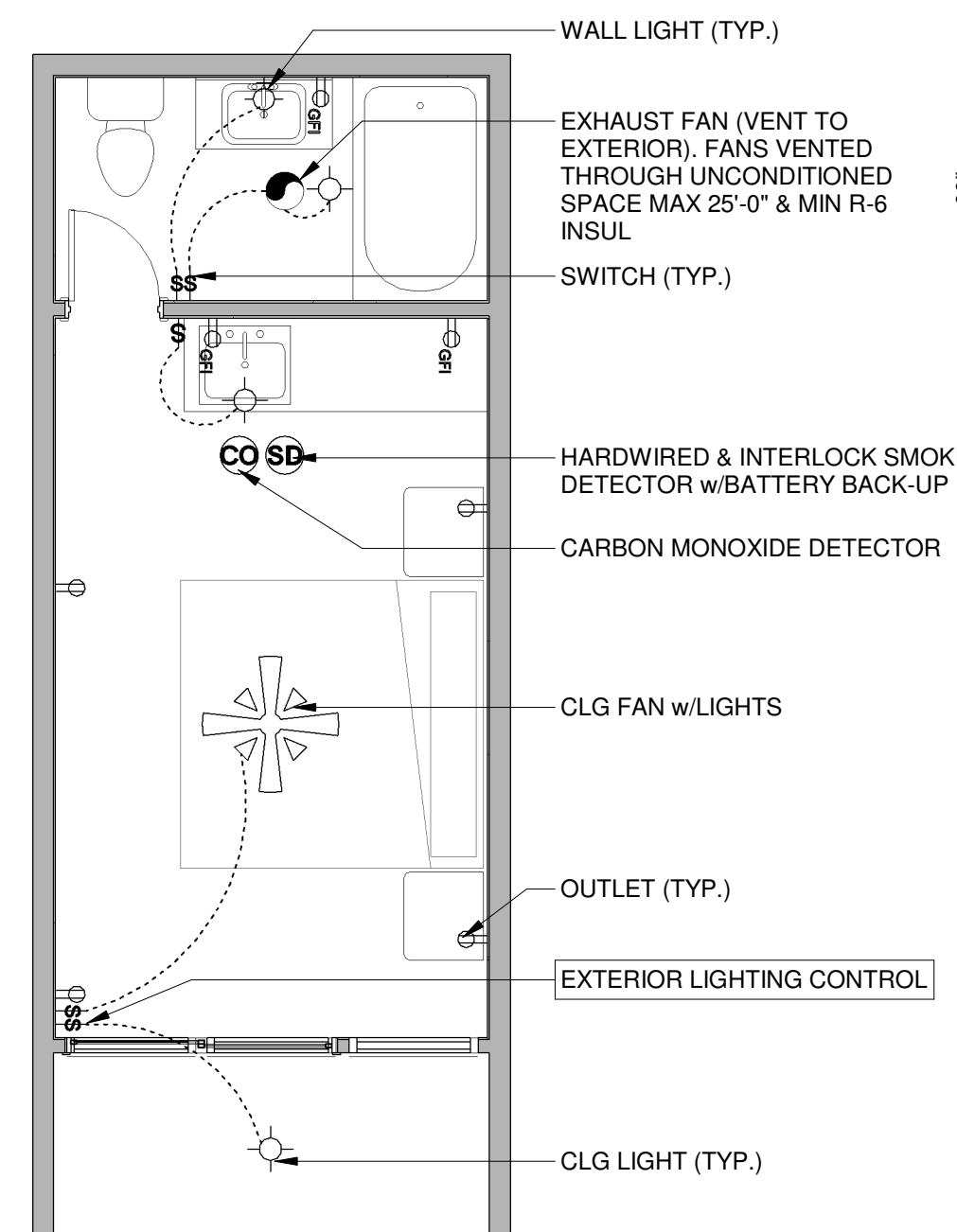
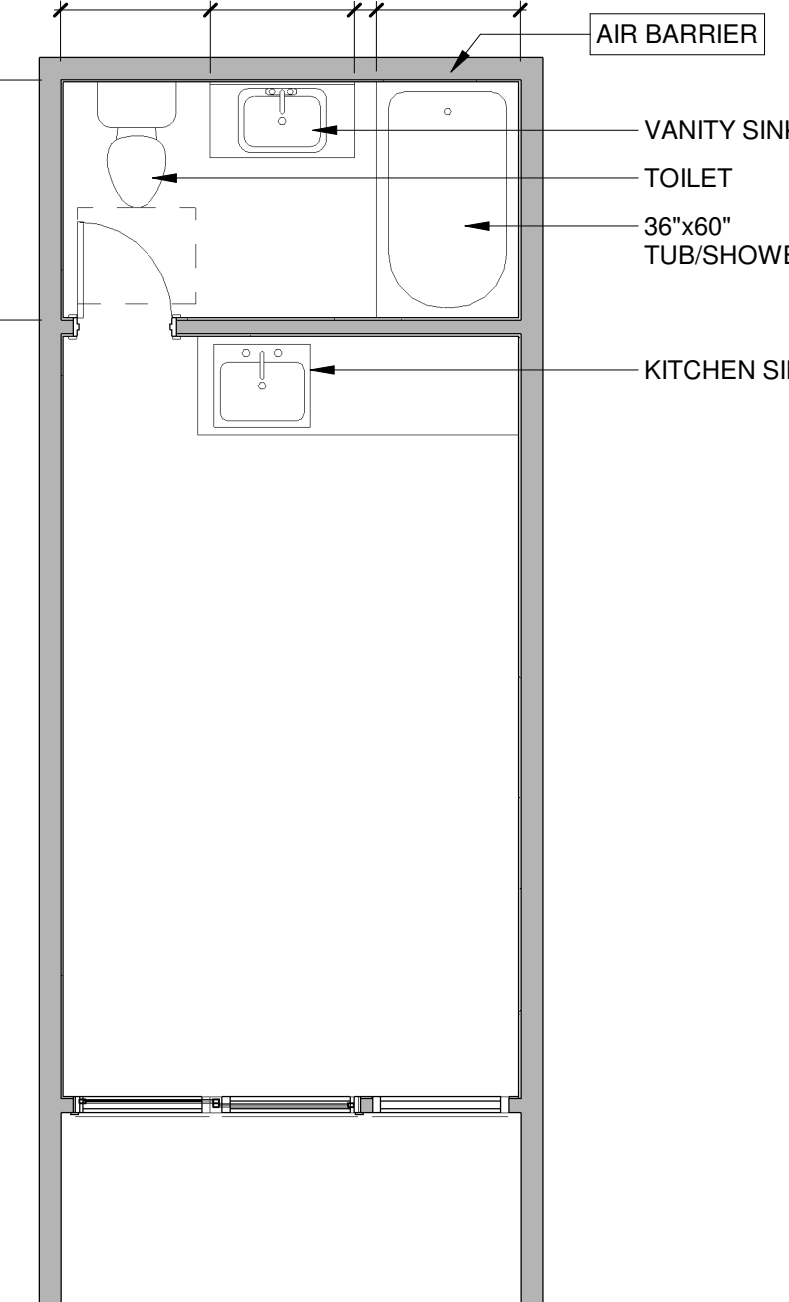


4 Section 1
A1 SCALE: 1/4" = 1'-0"

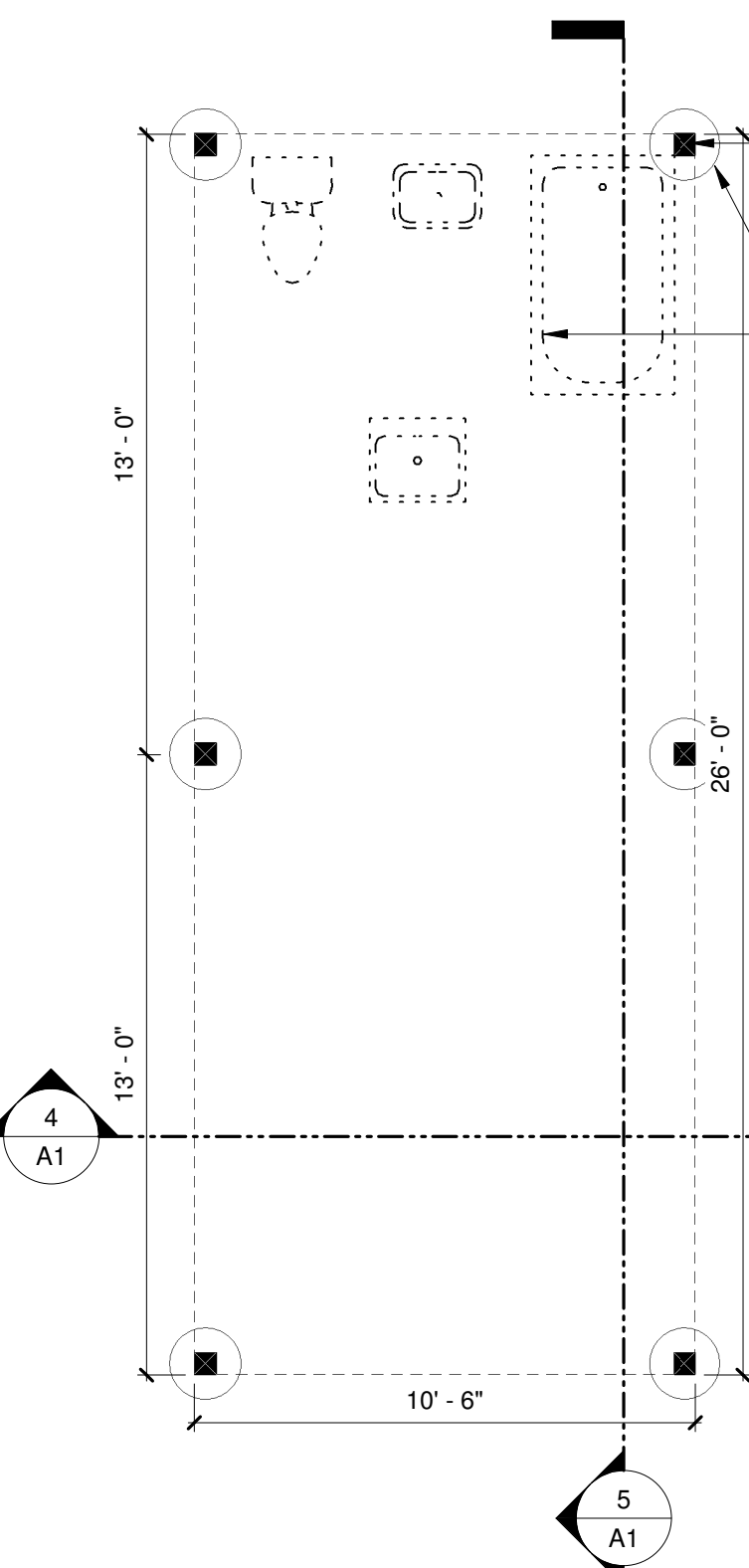
5 Section 2
A1 SCALE: 1/4" = 1'-0"



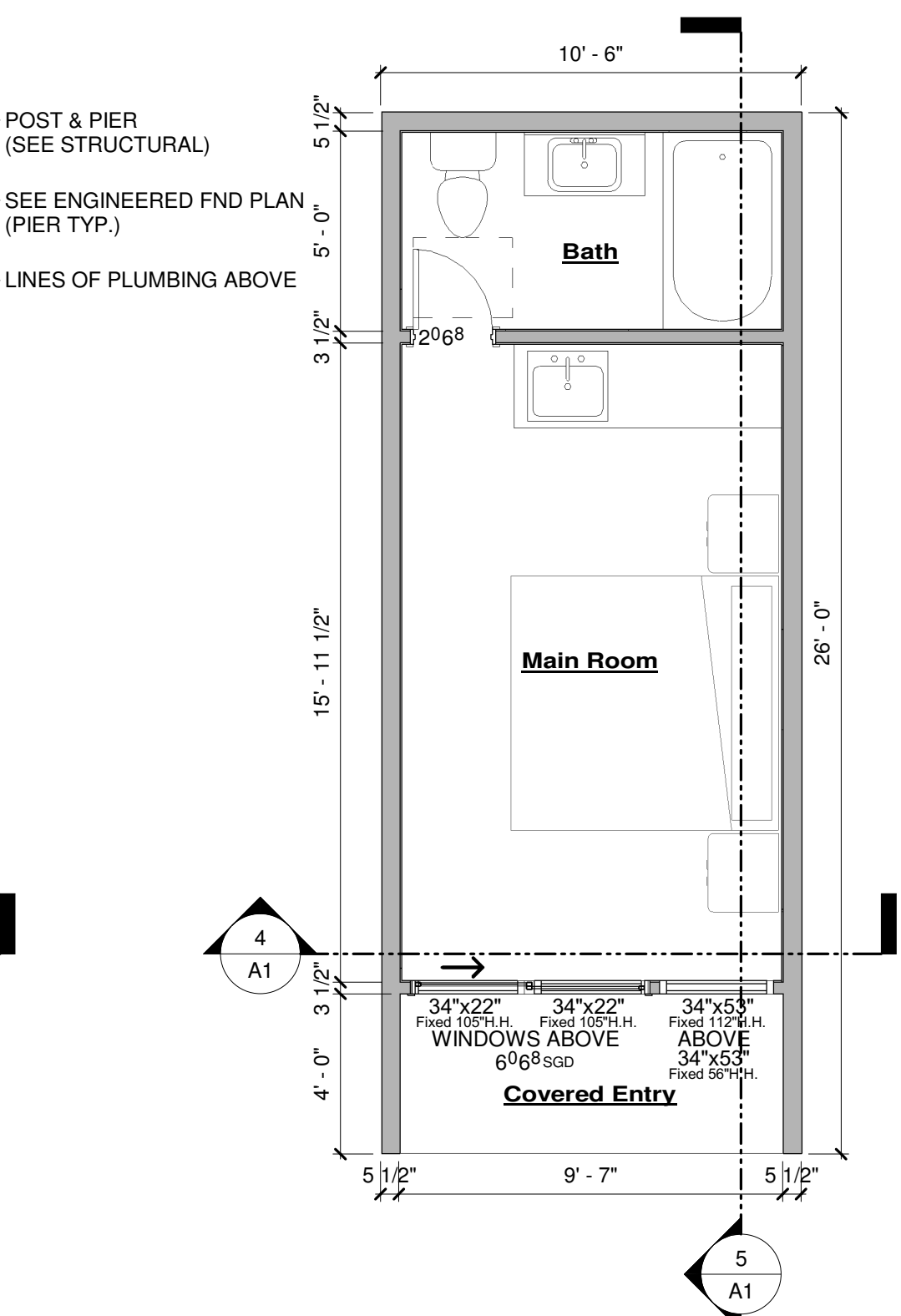
Electrical Plan
SCALE: 1/4" = 1'-0"



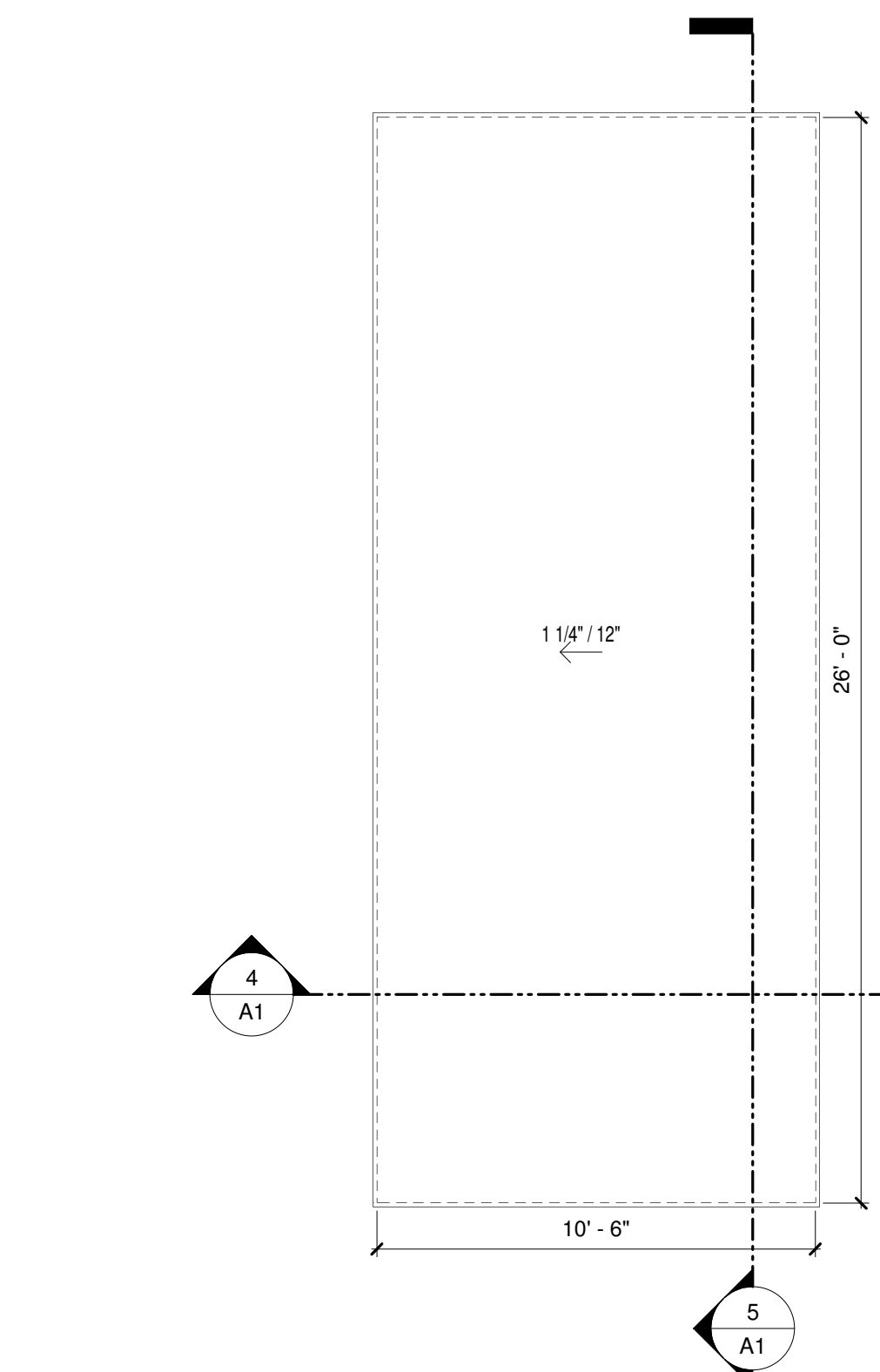
Plumbing Plan
SCALE: 1/4" = 1'-0"



1 Foundation Layout Plan
A1 SCALE: 1/4" = 1'-0"



2 Main Floor Plan
A1 SCALE: 1/4" = 1'-0"



3 Roof Ridge Plan
A1 SCALE: 1/4" = 1'-0"

LOADING INFORMATION

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

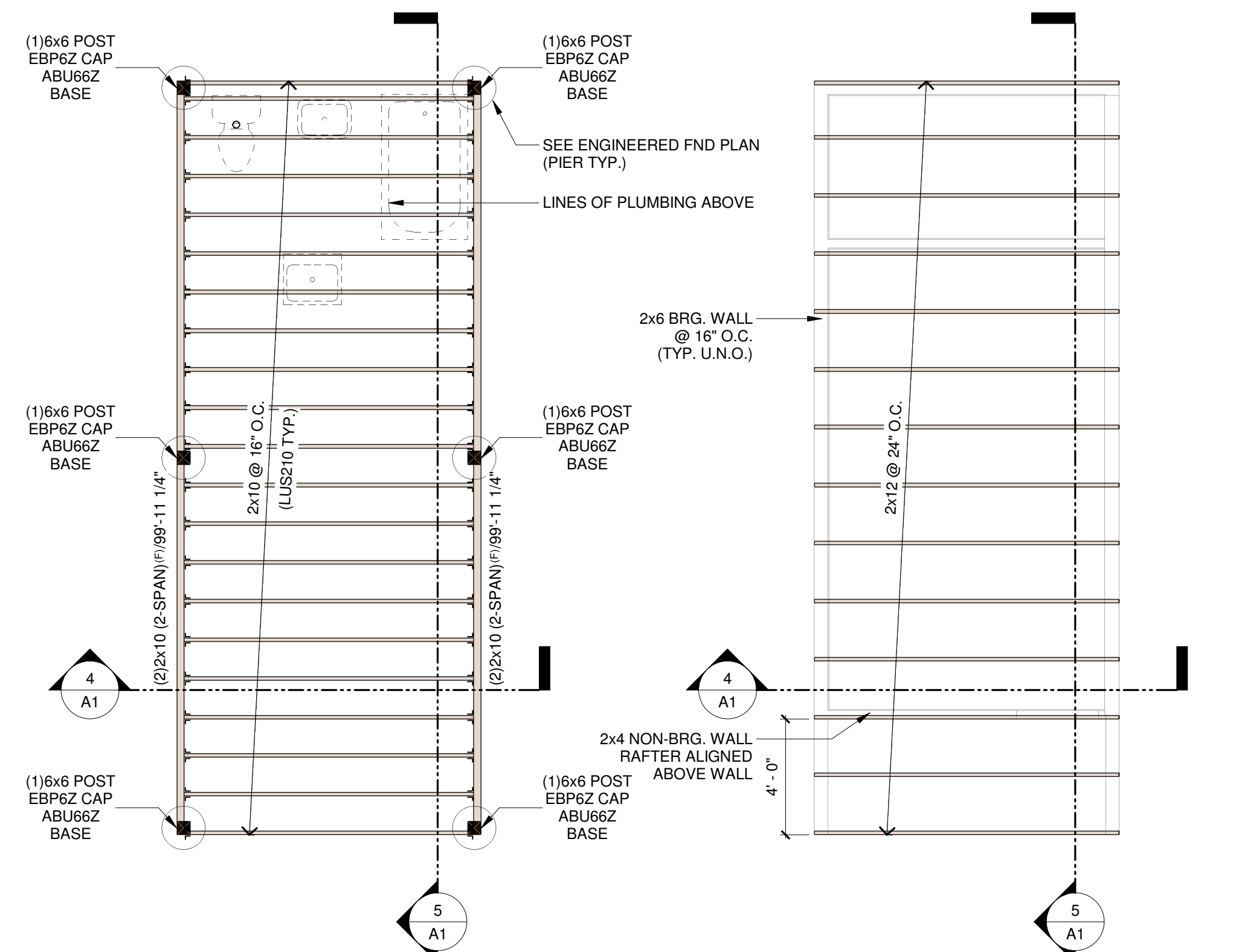
ROOF LOADS: LIVE LOAD= 40# PSF DEAD LOAD= 15# PSF

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
A1 SCALE: 1/4" = 1'-0"

S2 (STRUCTURAL) Roof Framing Plan
A1 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.

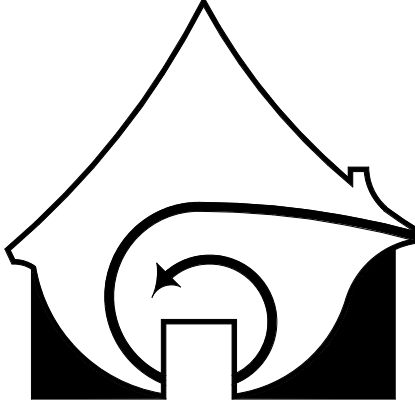
- ELECTRICAL NOTES**
- ALL ELECTRICAL WORK TO MEET OR EXCEED ALL LOCAL CODES.
 - BRANCH RECEPTACLES CIRCUIT, LIGHTS CEILING FANS & SMOKE DETECTORS SERVING BEDROOMS TO BE ARC-FAULT CIRCUIT INTERRUPTERS.
 - PROVIDE (2) DEDICATED 20 AMP SMALL APPLIANCE BRANCH CIRCUITS FOR THE KITCHEN.
 - PROVIDE A DEDICATED 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



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PROJECT NAME:
10.5x26 TINY HOME

PROJECT ADDRESS:
16315 RICKENBACKER AVE,
MONUMENT, CO 80132

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