





Killian's Cabin

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Front Elevation



SEE SHEET GN
NOTES PAGE
FOR ALL CODE
REQUIREMENTS
AND DETAILS

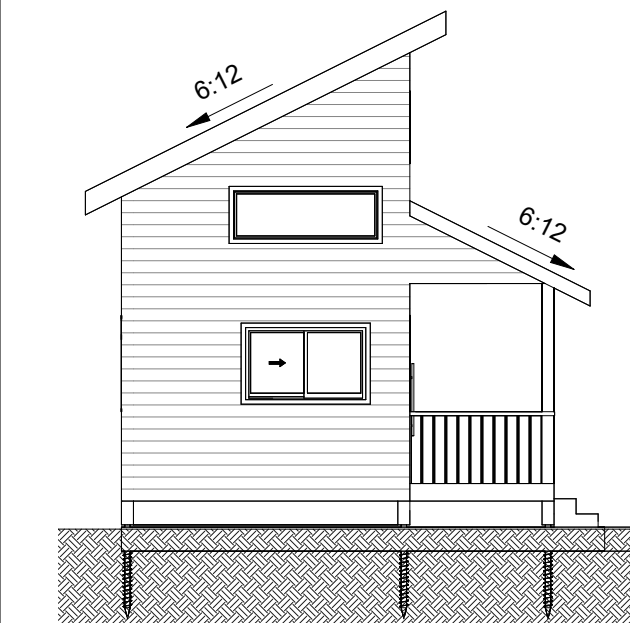
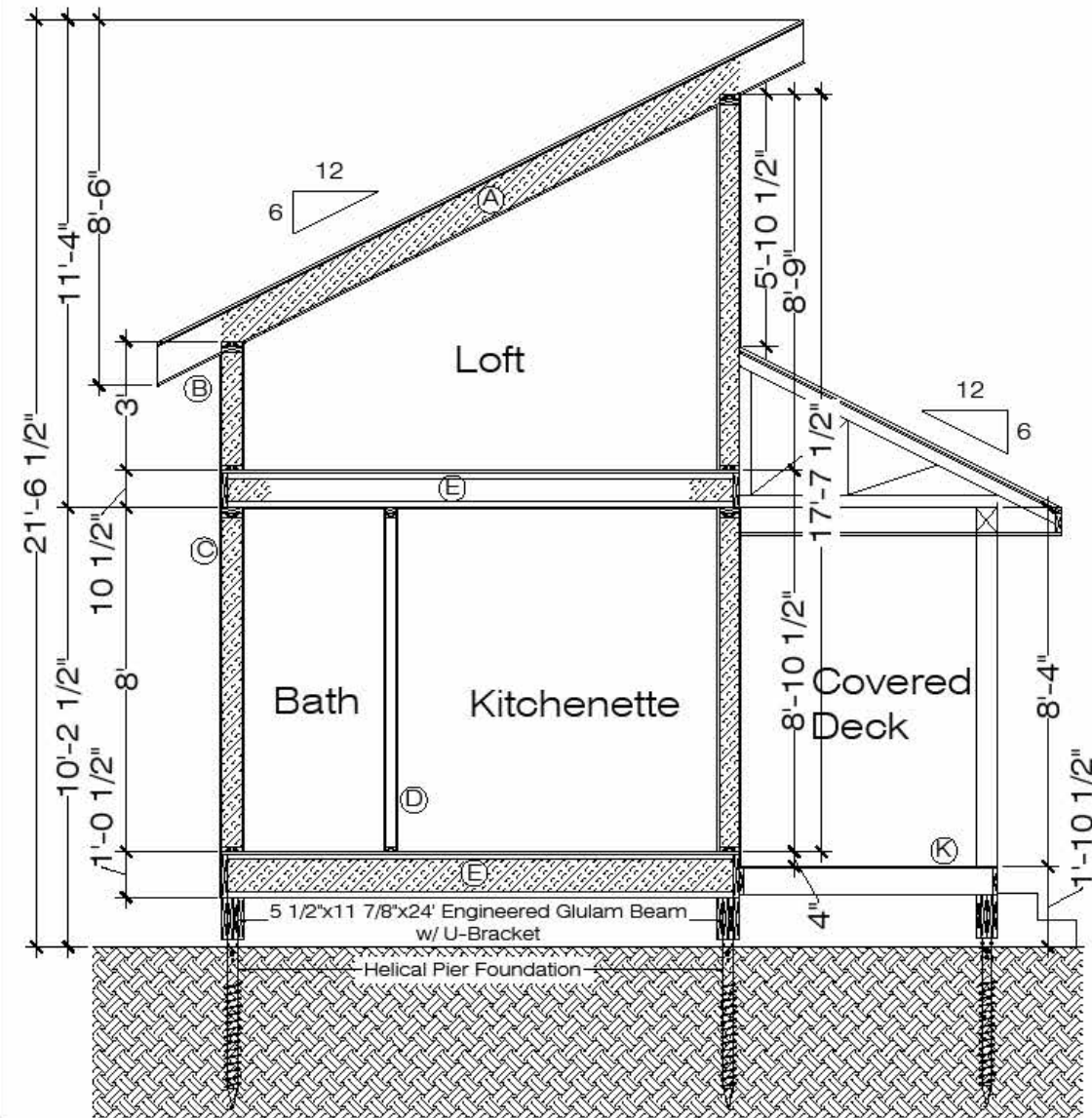
8' Main Floor Walls
11 7/8" Main Floor Floor Joists
9 1/2" Upper Floor Joists
Helical Pier Foundation System
2x10 Rafters

6:12 Pitch
Metal Roof
1'-6" O.H.

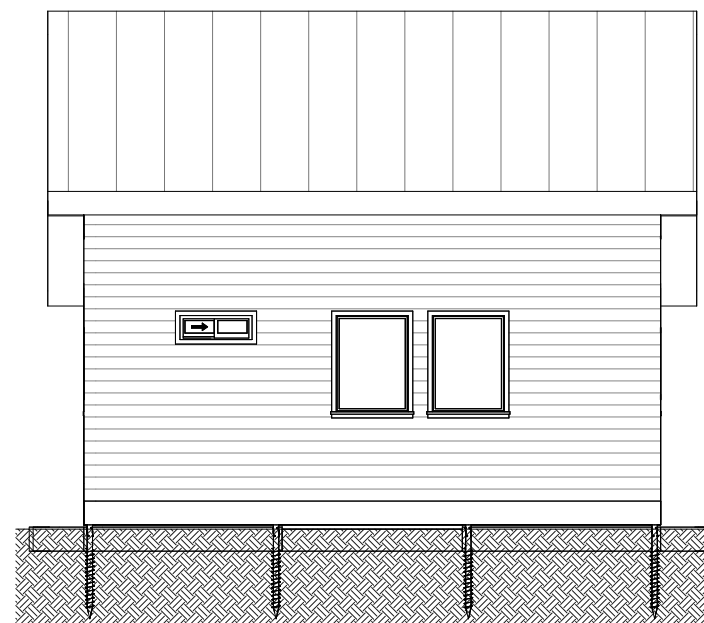
Elevations

Scale: 1/4" = 1'-0" on 11" x 17" ANSI B Size Paper

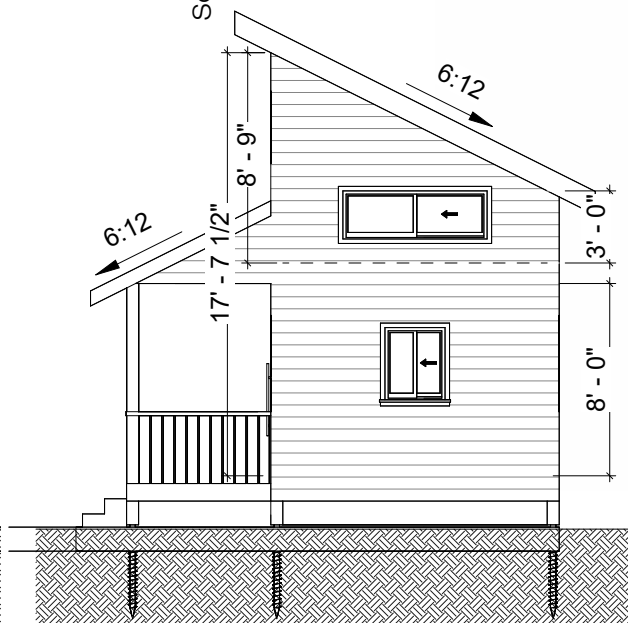
Roof System: 2018 IRC Code Section R801, R901 Metal Seam Roof R905 over #15 building felt over 7/16" Ext. OSB roof sheathing w/Clips & nailed 6" O.C.-Edges, 10" O.C.-field over 6:12 Pitch 2x10 Rafters @ 24" O.C. R802.4.1(1)-R802.4.1(8) and 6:12 Pitch Engineered Mono-Trusses @ 24" O.C. (Framed According to Engineered Truss Layout) with R-49 Blown in Attic Insulation with 5/8" Sheet Rock on Interior Side Taped Prepd for Interior Finishes Contractor to indicate 22"x36" Attic Access Location 2018 IRC, Ice Protection Ice Barrier consisting of 2 layers of cemented under-layment and extend from the eave's edge 24" min. from inside exterior wall	(A)
Soffit System: 2018 IRC Code 2x6 Fascia Board with style 'D' Metal Drip Edge with 3/8" Soffit Sheathing with 2" continuous Soffit Venting with add'l 2x4 Support as Required	(B)
Exterior Walls: 2018 IRC Code R502, R508, R703 Horizontal Siding over Weather Resistive Barrier 7/16" with APA OSB & Nailing Pattern 6"-edge 12"-field 2x6 Stud framed @ 24" O.C. UNO with (2) 2x6 Top Plates with (1) 2x6 Bottom Plate with min. R-21 Batt insulation with 1/2" Sheetrock inside Occupancy separation between house, attic, and garage Taped Prepd for Interior Finishes	(C)
Interior Walls: 2018 IRC Code 2x4 Stud framed @ 24" O.C. with (2) 2x4 Top Plates with (1) 2x4 Bottom Plate with 1/2" Sheetrock Both Sides Taped Prepd for Interior Finishes	(D)
Floor System: 2018 IRC Code Section R502, R503, R504 3/4" T&G OSB Sub-floor Glued & Nailed over 11"-7/8" & 9 1/2" TJI Engineered Floor Joist Series, Placement, & O.C. Spacing as determined & indicated on TJI Expert Layout. (Version 6.0 or later) connected to Rim Joist, spliced using gal. metal ties not less than .058" x 1.5" wide fastened w/6 16d nails ea. side over 1/2" Sheetrock on Ceiling Side Taped and Prepd for Interior Finishes	(E)
Decking System: 2018 IRC Code Section R507 Req. handrail at ext. steps over 2x4 floor decking with Required Spacing over 2x8 Deck Joist Singers connected to house 2x10 rim-board with angle bolt 2 bolts need to be in top 4 3/4" of Ledger board over 2x10 ledger boards connected by Simpson Joist Hanger anchor over 8/2" x 24" deep conc. pier over 8x16x16 conc. footing with req. horizontal and vertical rebar over undisturbed soil. 4x4 Post 8' High or less 6x6 Post 8' High or Taller 36" High escape must be maintained for any Egress under decking	(K)



Left Elevation



Back Elevation



Right Elevation

Tiny House Construction
2018 IRC Code Appendix Q
User Note:
Appendix Q relaxes various
requirements in the body of the code
as they apply to houses that are 400
square feet in area or less (excluding
lofts). Attention is specifically paid to
features such as compact stairs,
including stair handrails and headroom,
ladders, reduced ceiling heights in lofts
and guard and emergency escape and
rescue opening requirements at lofts.
AQ101.1 Scope:
This appendix shall be applicable to
tiny houses used as single dwelling
units. Tiny houses shall comply with
this code except as otherwise stated in
this appendix.

Cross Section

Scale: 1/4" = 1'-0" on 11" x 17" ANSI B Size Paper

PERMIT SET

TOTAL FOOTPRINT SQ. FTG. = 408
MAIN FLOOR= 288/253 INTERIOR
LOFT= 120/105 INTERIOR
PATIO= 144

**Miniature
Mansions**
Killian's Cabin

A1
of
A2

Plan# 24-216

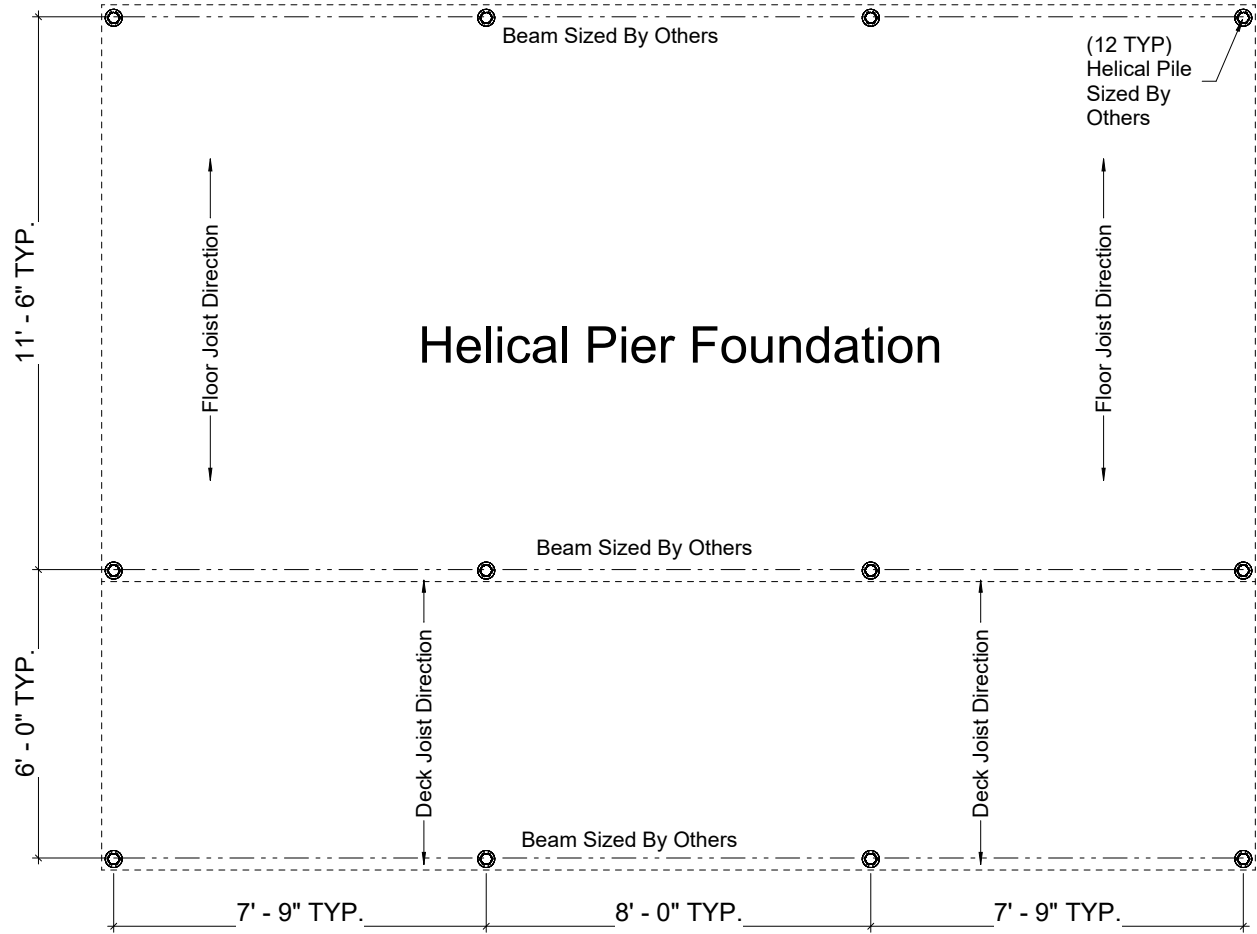
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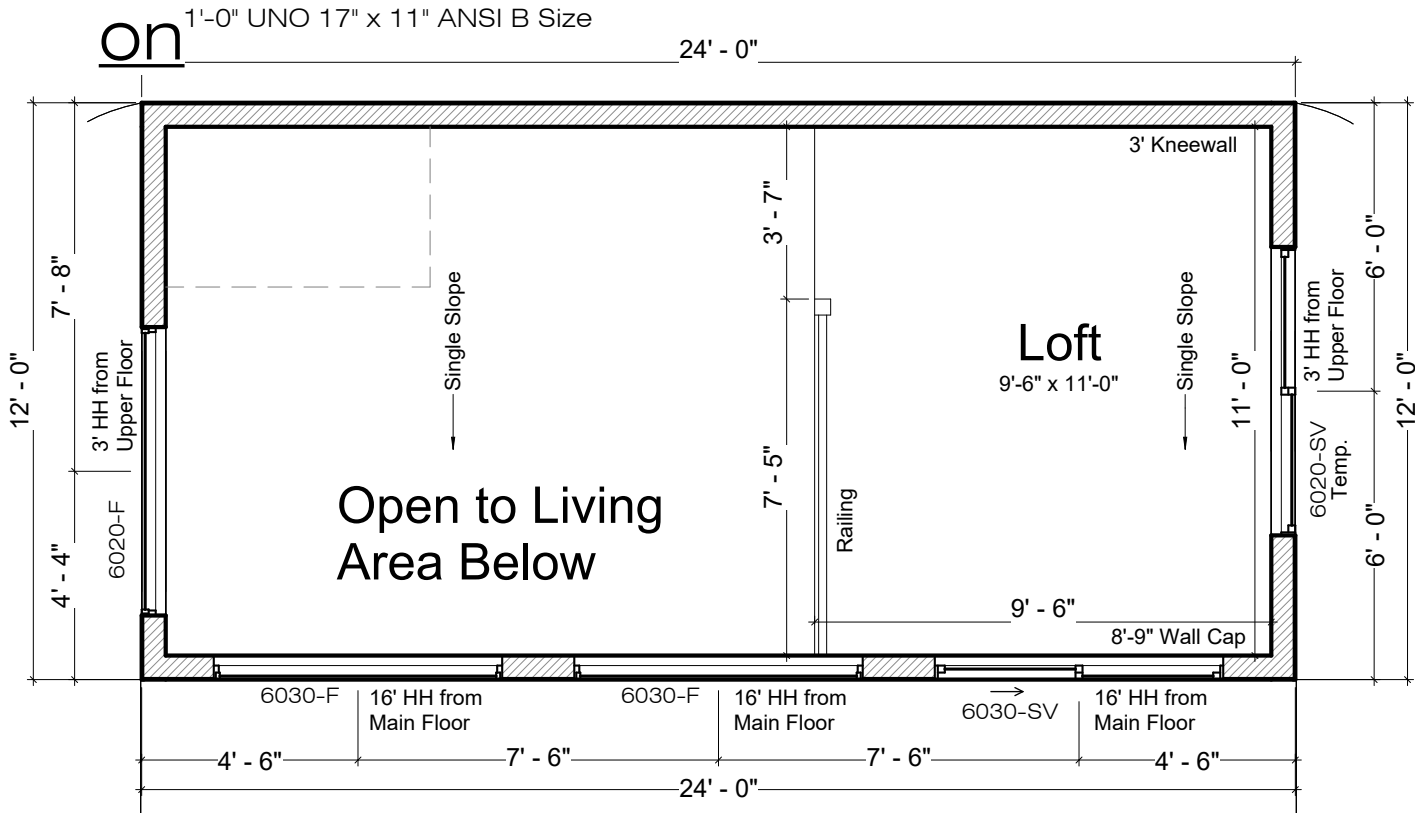
Start 10-17-2024
Bldg Per 11-08-2024
Permit Set 06-26-2025
Rev.
Rev.
Rev.
Rev.
Drawn E. Casper
Reviewed T. Stockert
By: Scal
Scale 1/8"=1'-0" UNO 7x11" ANSI B Size Paper

PAGE LAYOUT

A0-Isometric
Elevations
A1-Elevations
-Cross Section
A2-Foundation Plan
-Main Floor
-Upper Floor



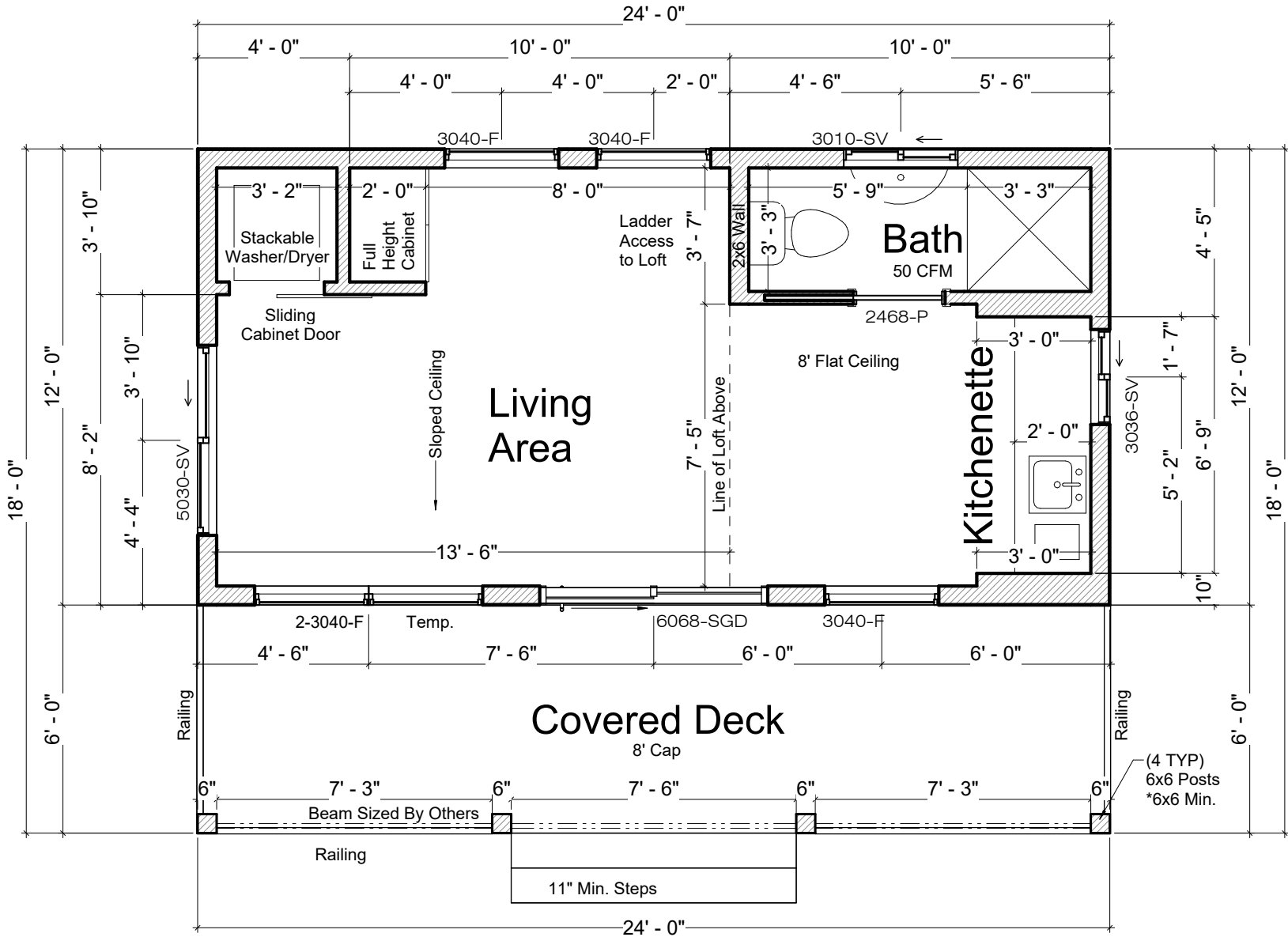
Foundation



Upper Floor

NO 17" x 11" ANSI B Size

8' Main Floor Walls 11 7/8" Main Floor Floor Joists 9 1/2" Upper Floor Joists Helical Pier Foundation System 2x10 Rafters	Window Notes: Width x Height (ex. 3050 is 3'0" wide by 5'0" Tall) *Doors Indicated Similarly	Window Callouts: SH is Single Hung F is Fixed or Picture OBS is Obscured T or Temp is Tempered Safety Glass	SV is Side Vent Tra is Transom HH is Header Height	SEE SHEET GN NOTES PAGE FOR ALL CODE REQUIREMENTS AND DETAILS
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Main Floor

NO 17" x 11" ANSI B Size

PERMIT SET

TOTAL FOOTPRINT SQ. FTG. = 408 MAIN FLOOR= 288/253 INTERIOR LOFT= 120/105 INTERIOR PATIO= 144	Miniature Mansions Killian's Cabin	Sheet A2 of A2
Plan# 24-216	Start 10-17-2024 Blot 11-08-2024 Permit Set 06-26-2025	PAGE LAYOUT A0-Isometric Elevations A1-Elevations A2-Cross Section A2-Foundation Plan -Main Floor -Upper Floor
NEEDAHOUSEPLAN.COM 208.524.2880	Drawn by E. Casler Reviewed by T. Blackman Scale 1/8"=1'-0" UNO 7x11" ANSI B Size Paper Sundance drafting & design	