



Salsa Box Tiny House Plans



Salsa Box Purchase Agreement

Please read carefully. By purchasing this plan, you understand and agree to the following:

This design and plan is intended only for competent and knowledgeable builders. These plans assume general knowledge and skills, including but not limited to roofing, electrical, plumbing, and framing. These plans have not been approved by an architect or an engineer. If you are not an experienced builder, we recommend consulting with a licensed contractor prior to attempting to build a house from these plans. Contact your local building code officials to ensure you comply with local codes.

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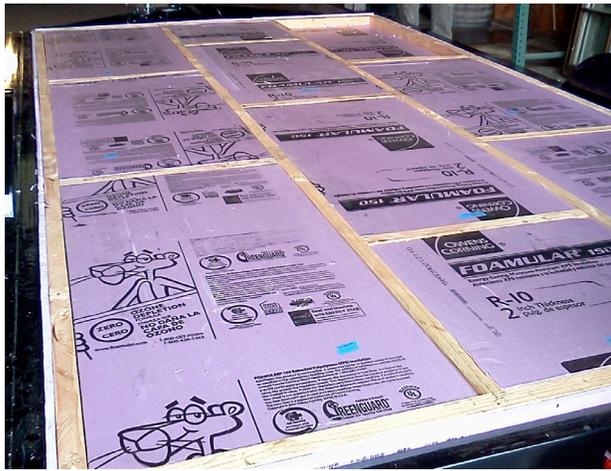
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The Salsa Box's floor box system is insulated with rigid foam cut to fit each pocket.



The floor box insulated with rigid foam between each set of joists and braced with blocking.



A double sill plate is thermally broken with a rigid foam spacer and cut at an angle to accommodate the roof.



A rigid foam spacer provides a thermal break for the header which is supported over the wheel well with joist hangers.



Nailers are added around the window framing to accommodate finish materials.



Walls are secured to each other with glue and screws as well as nails and straps.



Designer and builder Derin Williams of Shelter Wise, LLC with a framed Salsa Box wall.



The Salsa Box's long walls are mirror images of each other so one can be used as a template for the other.



The second long wall was built by laying out the framing members on top of the first long wall.



The walls were tilted and carried to the trailer, then bolted to each other and to the trailer and floor box.



Salsa Box's roof being raised by a small workshop team and a few folks passing by who were willing to lend a hand.



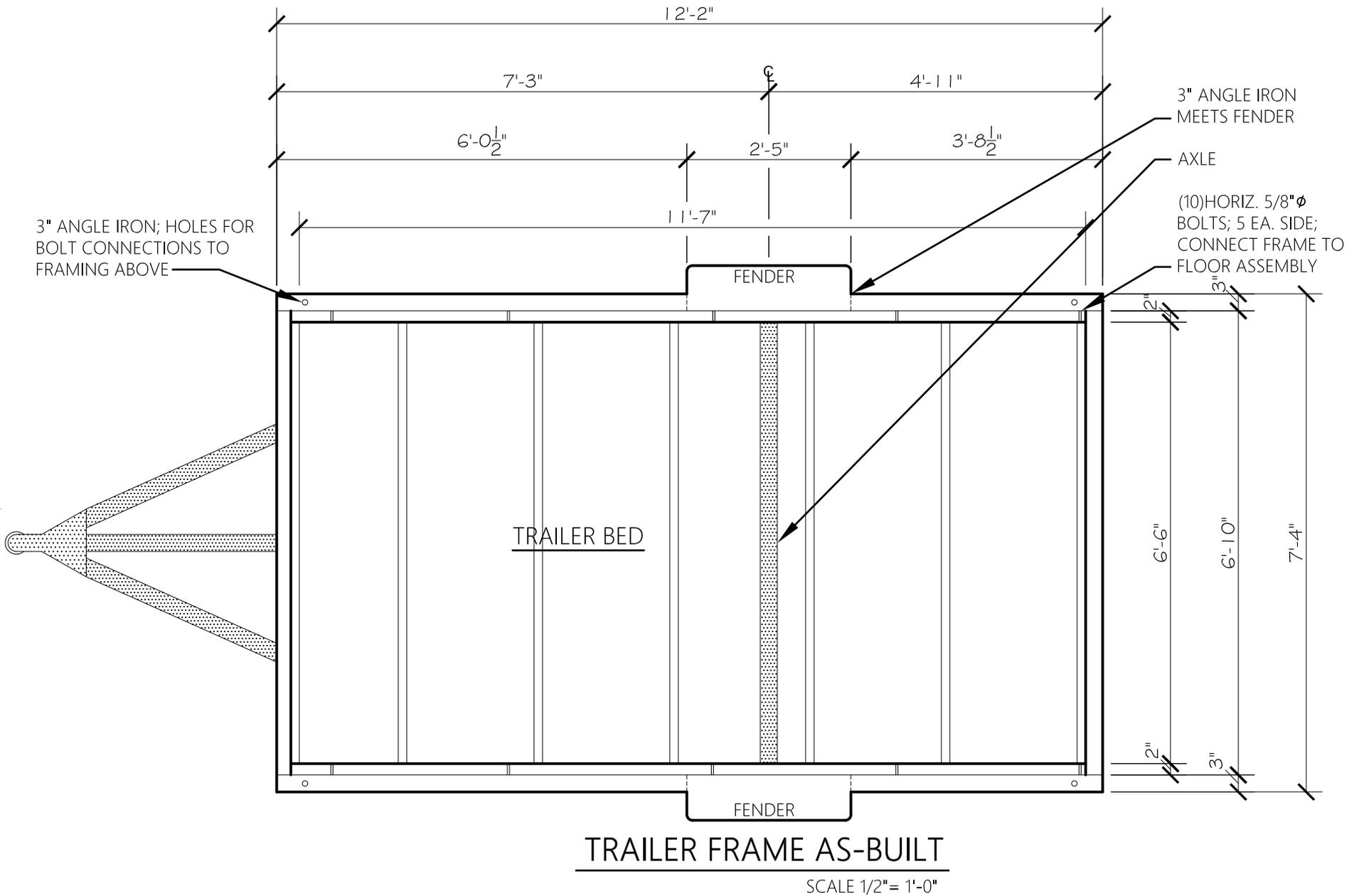
The original Salsa Box was framed, wrapped, and roofed in just two days by a small workshop crew.

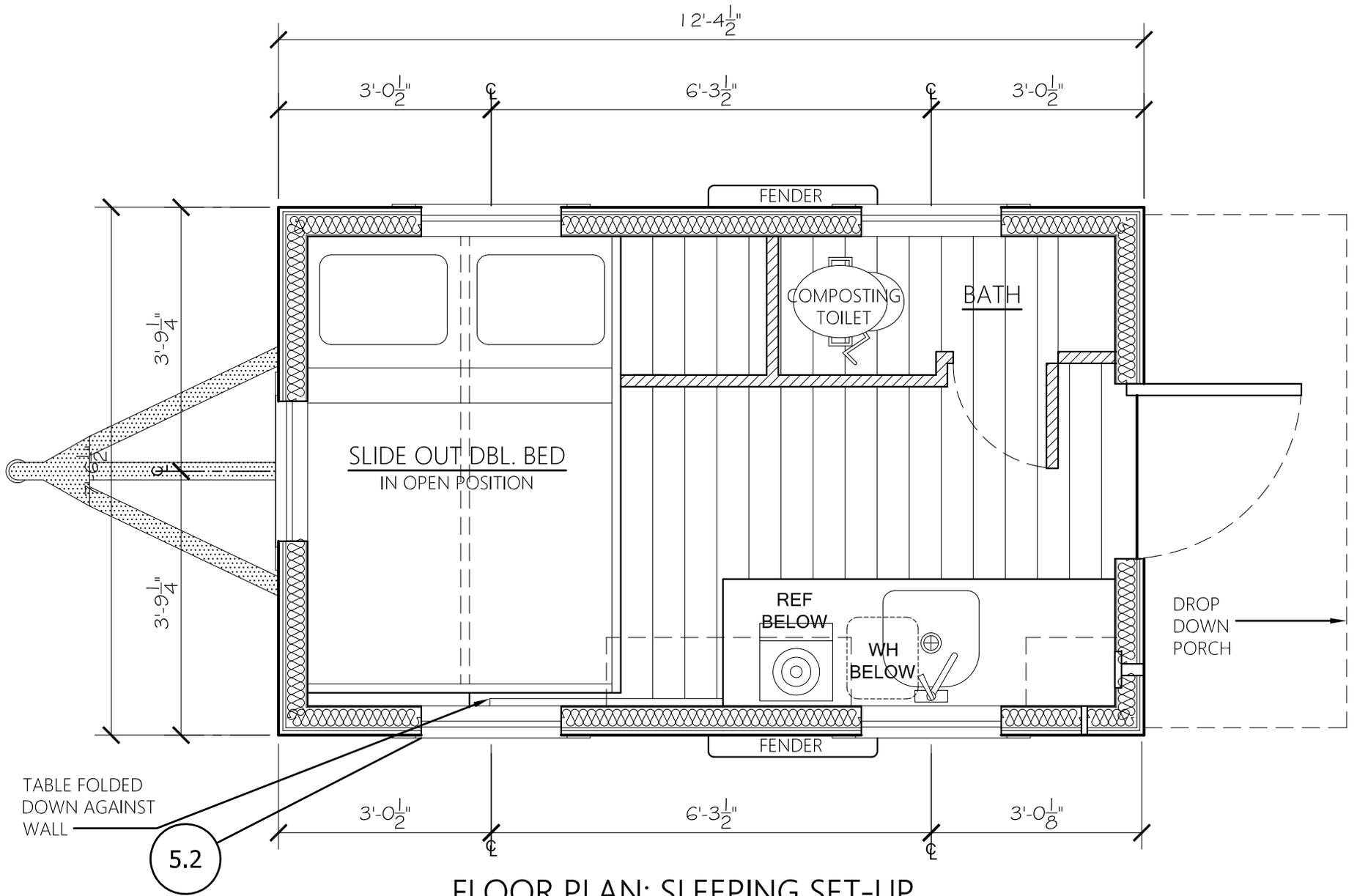
DRAWING INDEX

- 0.0 COVER SHEET - INDEX, HOLD DOWN SCHED.
- 1.1 TRAILER FRAME AS-BUILT
- 2.1 FLOOR PLAN
- 2.2 FLOOR PLAN - SLEEPING SET-UP
- 3.1 FLOOR FRAMING PLAN
- 3.2 LONG WALL FRAMING ELEVATION
- 3.3 TONGUE END WALL FRAMING ELEVATION
- 3.4 REAR END WALL FRAMING ELEVATION
HOLD DOWNS SCHEDULE
- 3.5 ROOF FRAMING PLAN
- 4.1 LONG WALL EXTERIOR ELEVATION
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COR-A-VENT DETAIL
WINDOW FLASHING DETAILS
- 5.3 DETAIL: FLOOR/WALL SECTION

HOLD DOWNS SCHEDULE

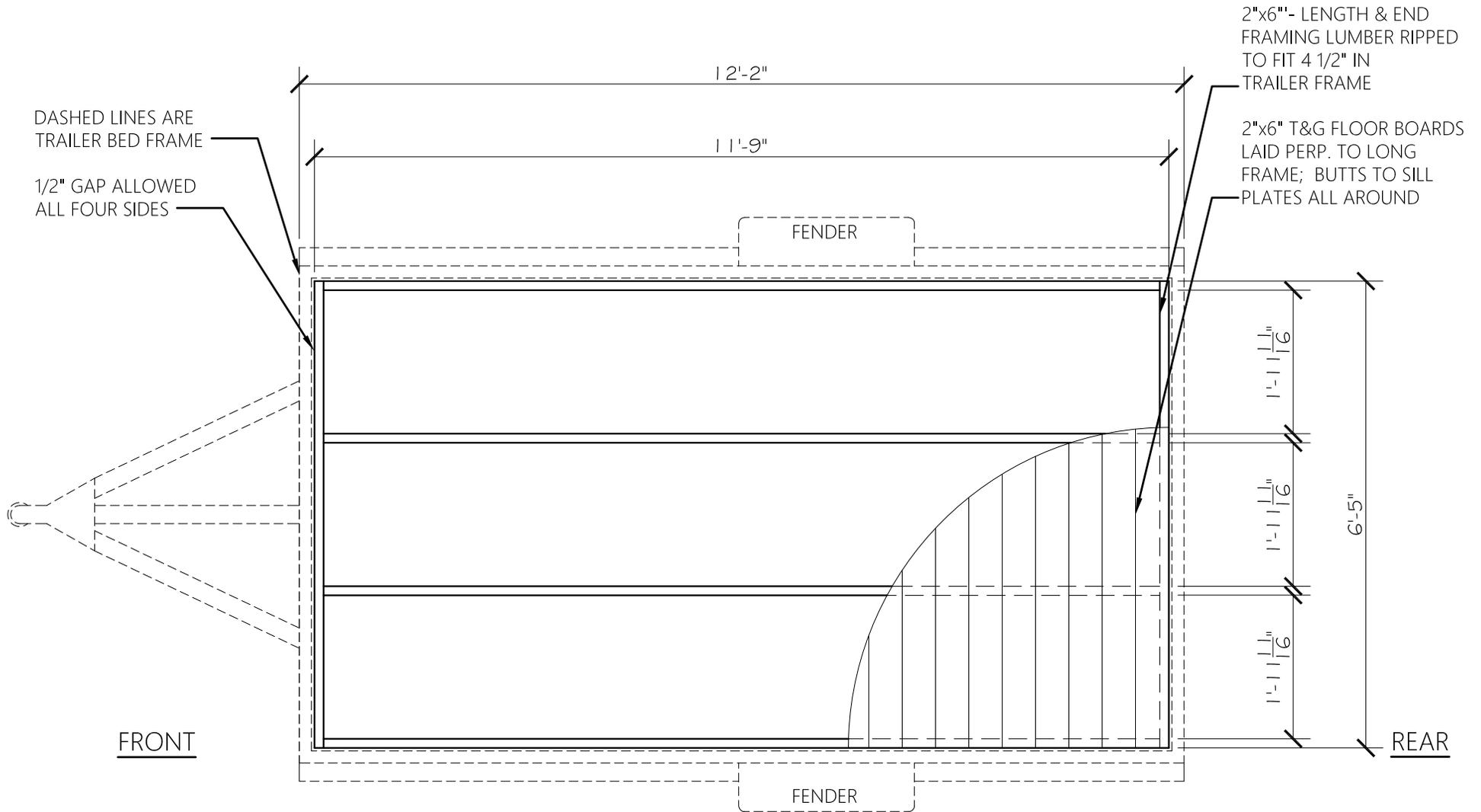
TAG	QTY.	MODEL #	NOTES
①	4	HU46	SIMPSON BEAM HANGERS
②	4	HTT5	SIMPSON TENSION TIES
③	14	H3	SIMPSON HURRICANE TIES (NOT SHOWN IN DRAWINGS) PLACED AT EACH RAFTER/ WALL CONNECTION





FLOOR PLAN: SLEEPING SET-UP

SCALE 1/2" = 1'-0"



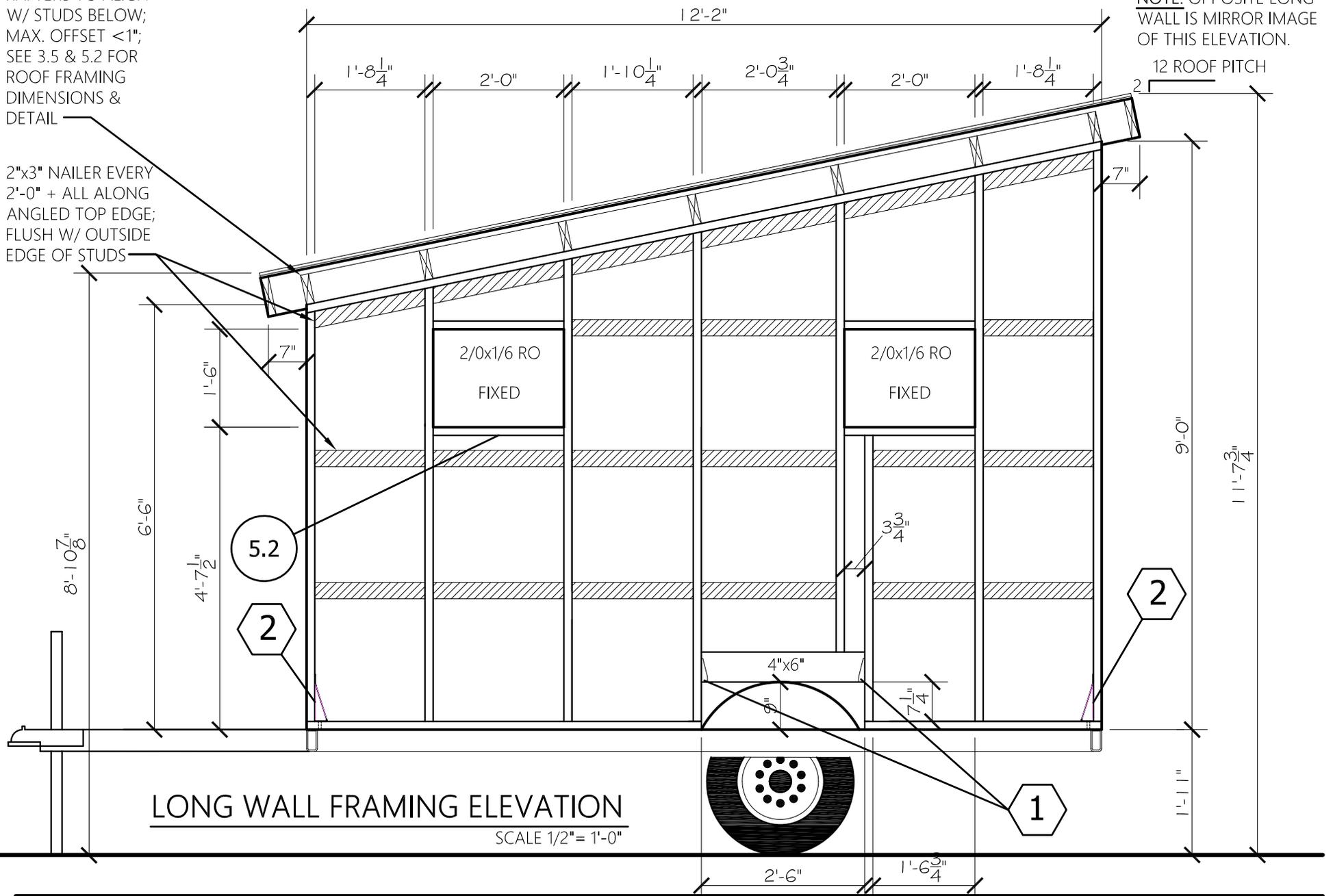
FLOOR FRAMING PLAN

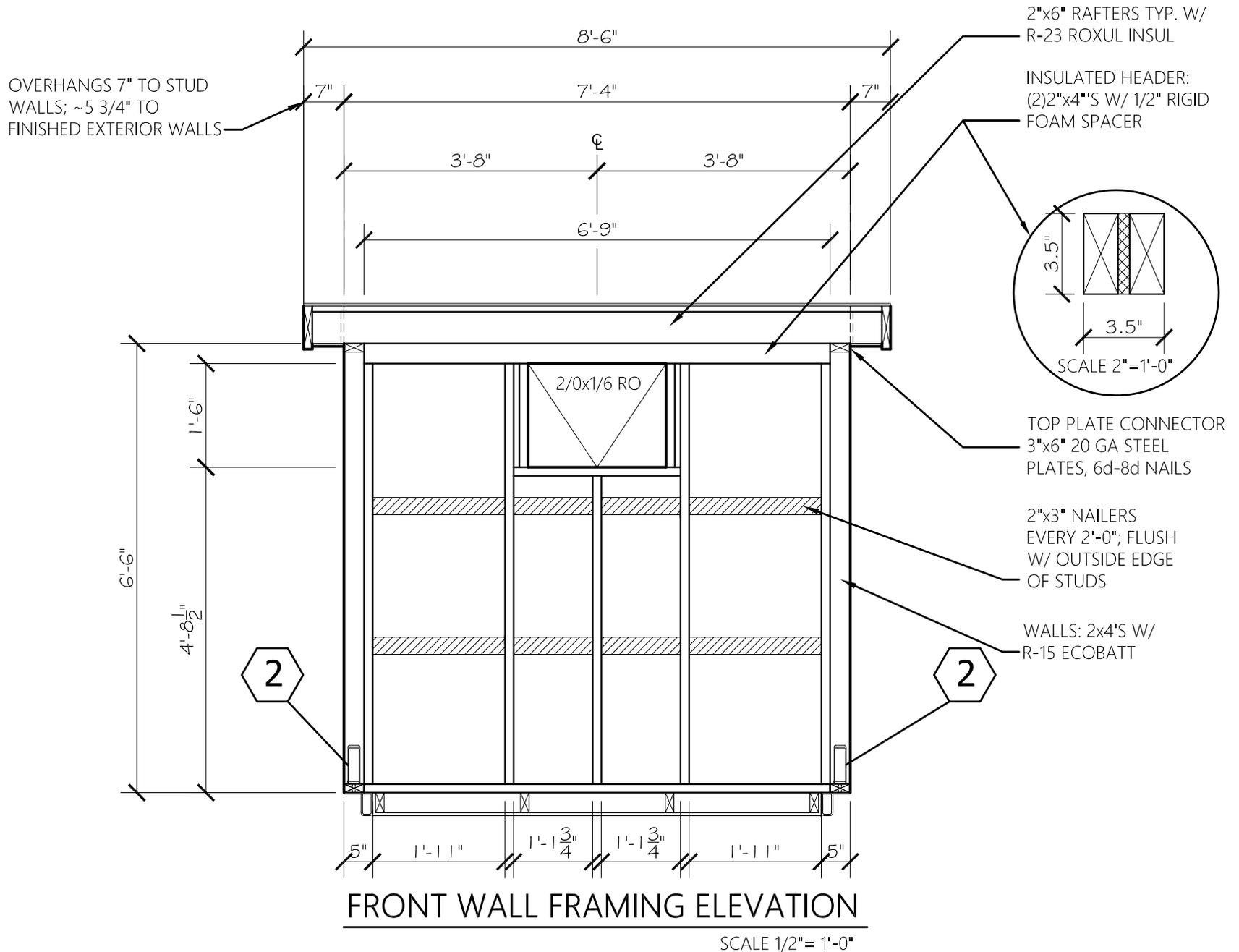
SCALE 1/2" = 1'-0"

RAFTERS TO ALIGN W/ STUDS BELOW; MAX. OFFSET <1"; SEE 3.5 & 5.2 FOR ROOF FRAMING DIMENSIONS & DETAIL

2"x3" NAILER EVERY 2'-0" + ALL ALONG ANGLED TOP EDGE; FLUSH W/ OUTSIDE EDGE OF STUDS

NOTE: OPPOSITE LONG WALL IS MIRROR IMAGE OF THIS ELEVATION.



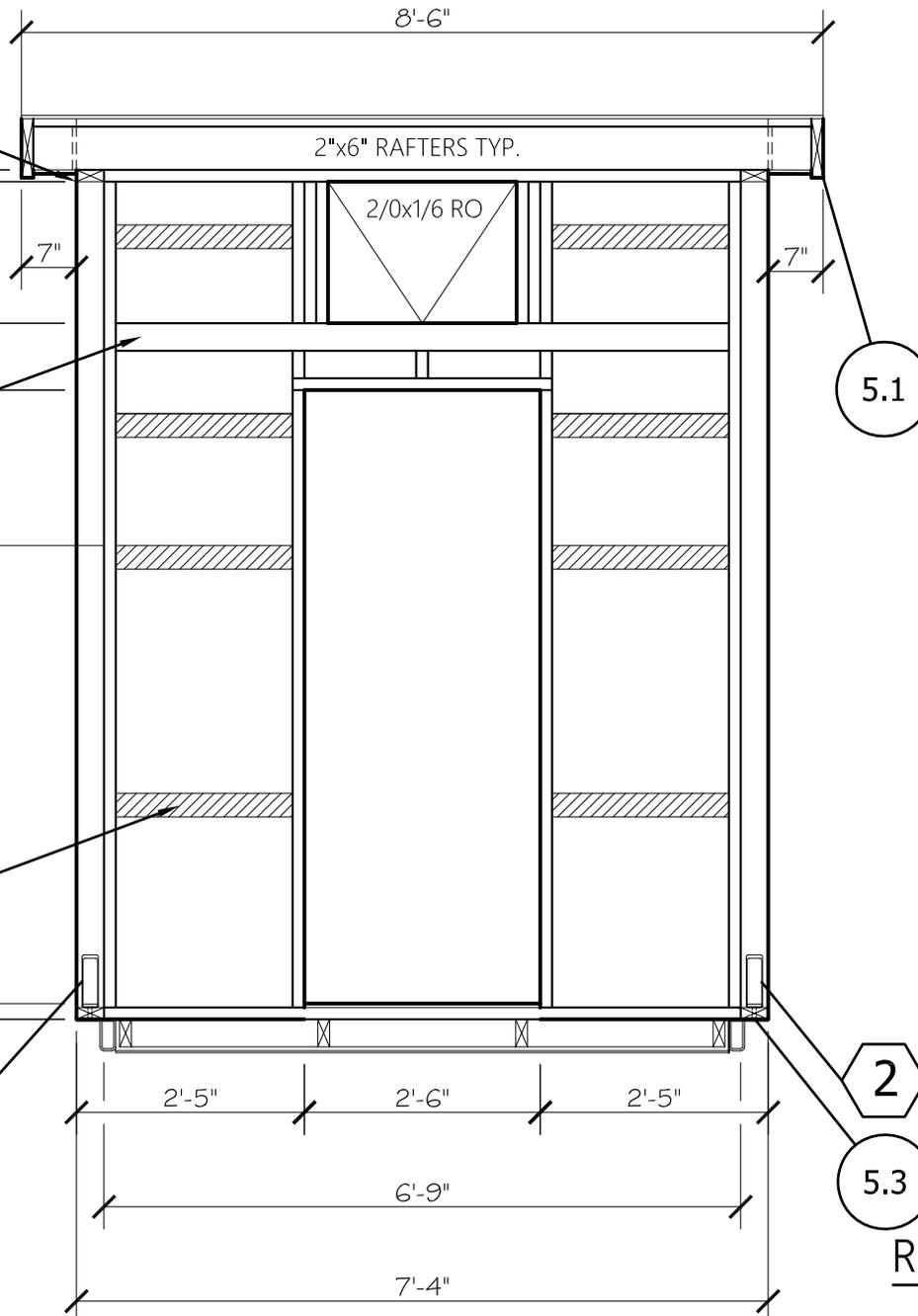


TOP PLATE
CONNECTOR
3"x6" 20 GA STEEL
PLATES, 6d-8d NAILS

INSULATED
HEADER;
SEE 3.3

THESE NAILERS
LOCATED FOR
PORCH ROOF
BRACKETS

2"x3" NAILER
EVERY ~2'-0";
FLUSH W/
OUTSIDE EDGE
OF STUDS



REAR WALL FRAMING PLAN

SCALE 1/2" = 1'-0"



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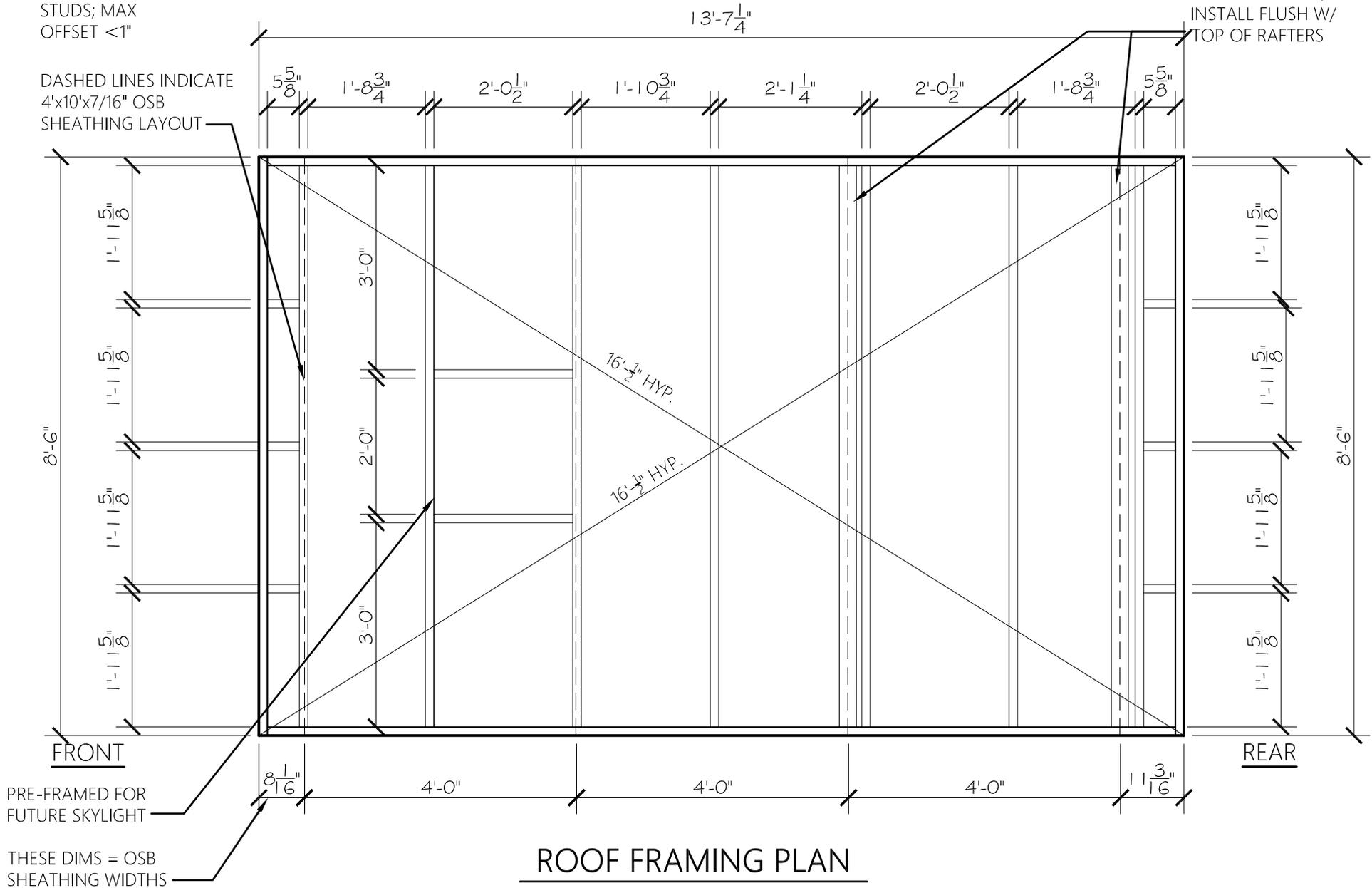
"SALSA BOX"
- SEE PAD BUILDING NOTES -

3.4

NOTE: RAFTERS MUST
ALIGN W/ WALL
STUDS; MAX
OFFSET <1"

2"x3" NAILERS FOR
OSB SHEATHING;
INSTALL FLUSH W/
TOP OF RAFTERS

DASHED LINES INDICATE
4'x10'x7/16" OSB
SHEATHING LAYOUT



PRE-FRAMED FOR
FUTURE SKYLIGHT

THESE DIMS = OSB
SHEATHING WIDTHS

ROOF FRAMING PLAN
SCALE 1/2" = 1'-0"



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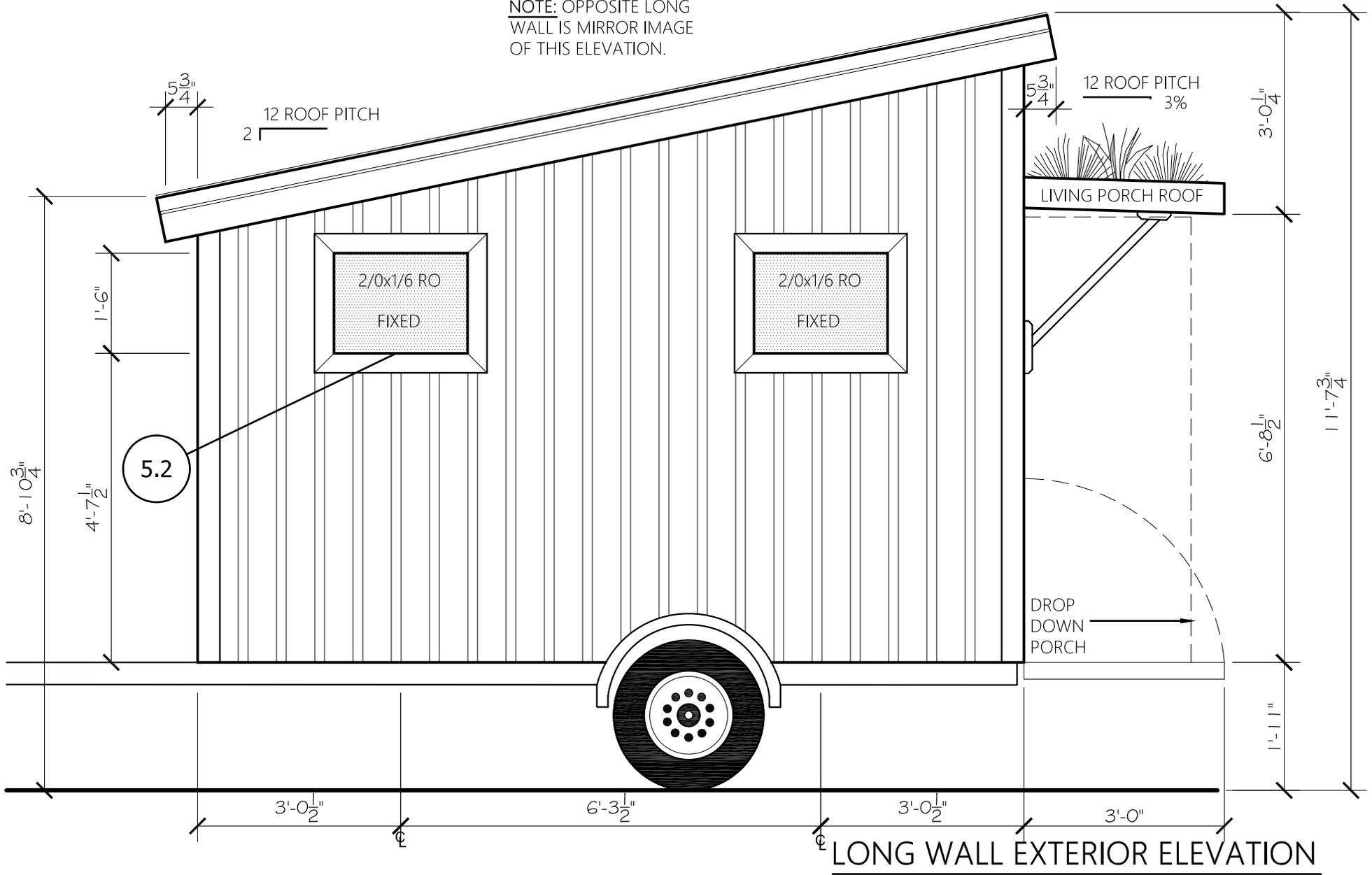


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3.5

NOTE: OPPOSITE LONG WALL IS MIRROR IMAGE OF THIS ELEVATION.



SCALE 1/2" = 1'-0"



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4.1

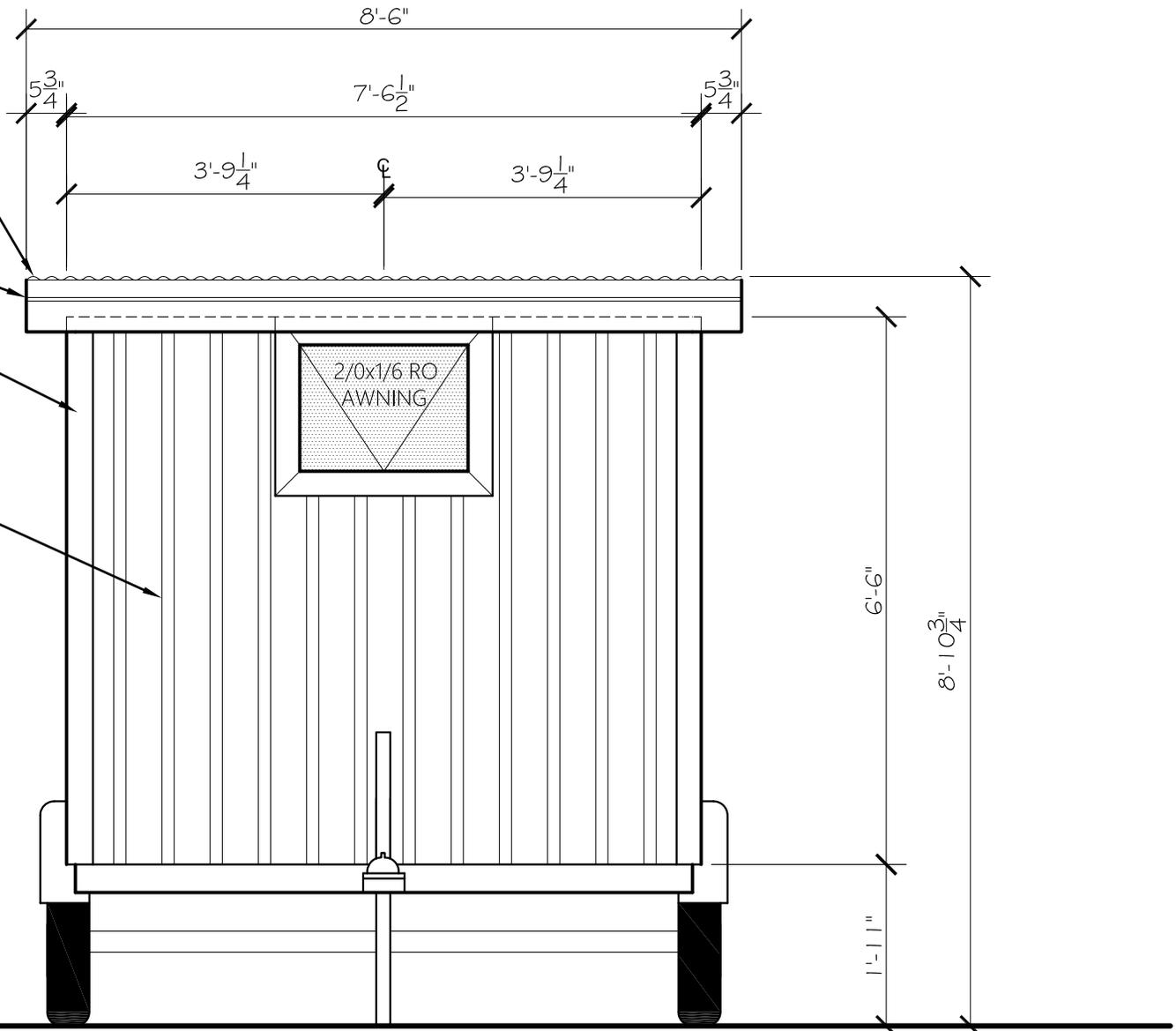
EXTERIOR FINISHES:

CORRUGATED METAL ROOFING

METAL FLASHING OVER 2x8 CEDAR FASCIA BOARDS

1x4 CEDAR TRIM AT CORNERS, WINDOWS & DOOR

3/4"x6 7/8" CEDAR SHIPLAP SIDING W/ 1 3/4" REVEAL; INSTALLED VERTICALLY; CUT BOTTOM EDGE FLUSH W/ TOP OF TRAILER FRAME



FRONT EXTERIOR ELEVATION

SCALE 1/2" = 1'-0"

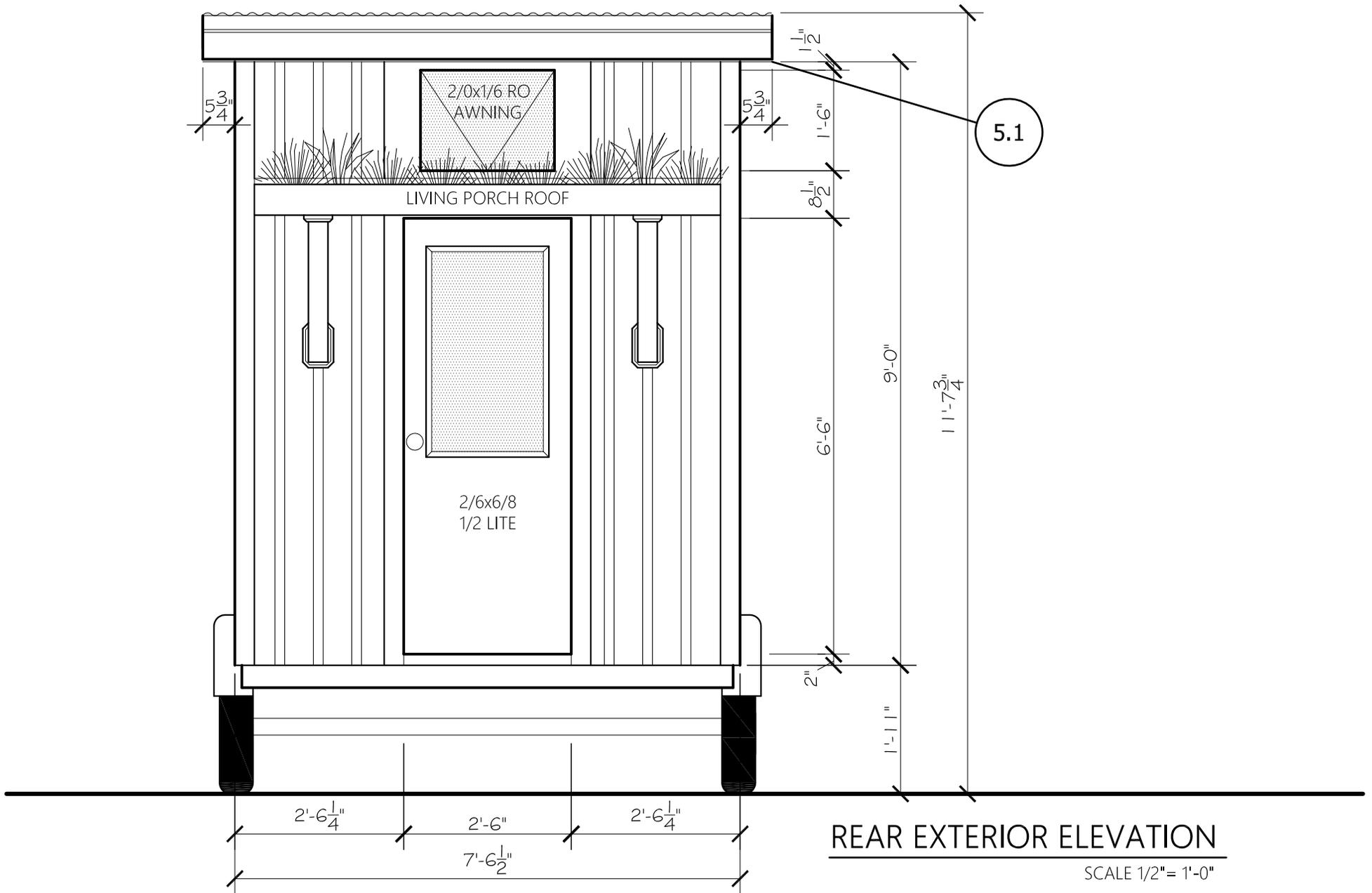


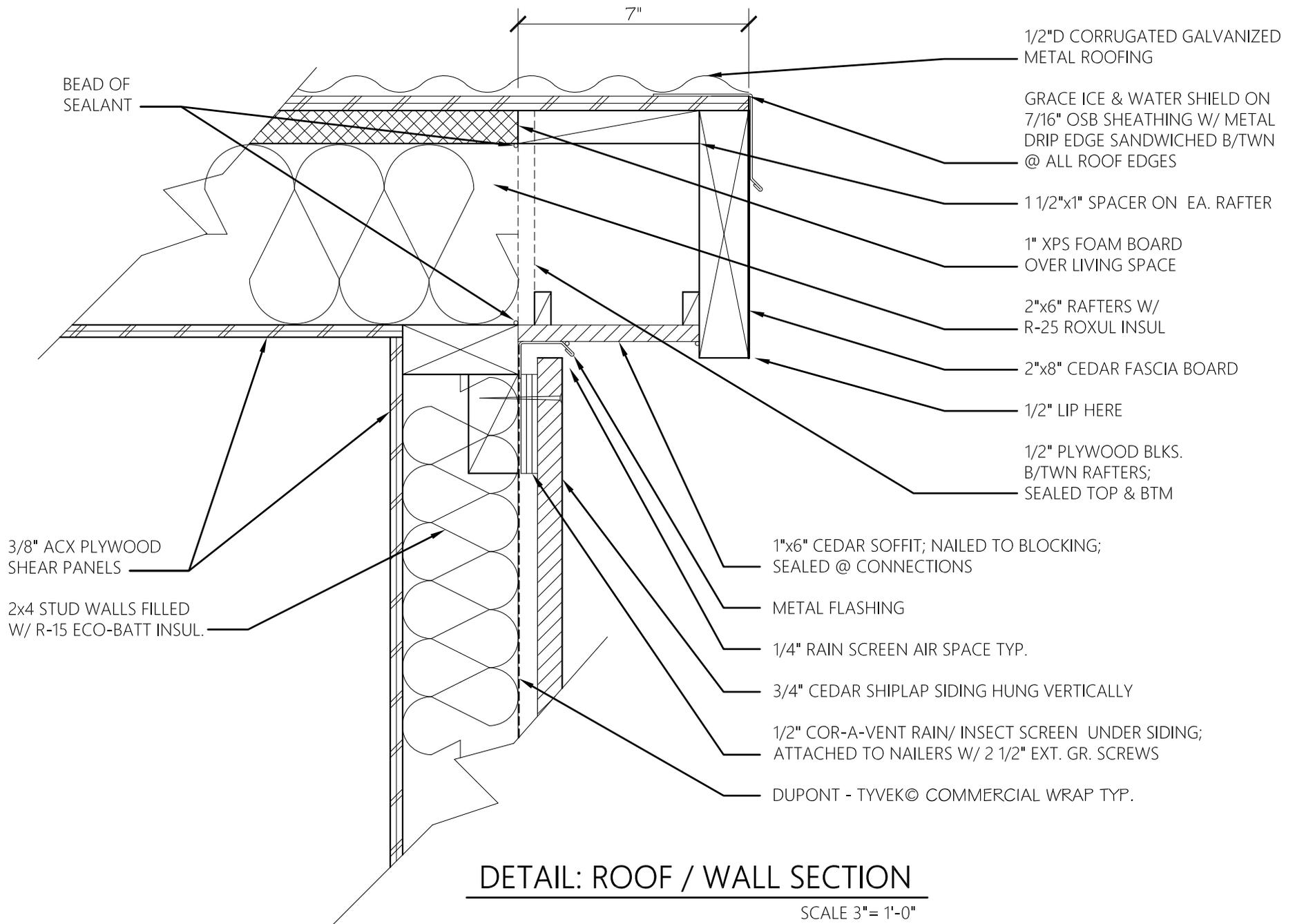
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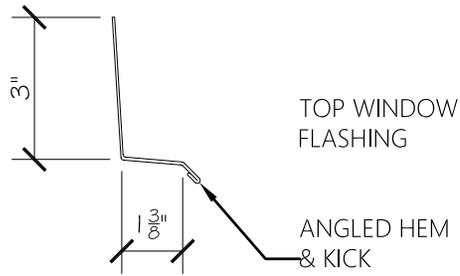


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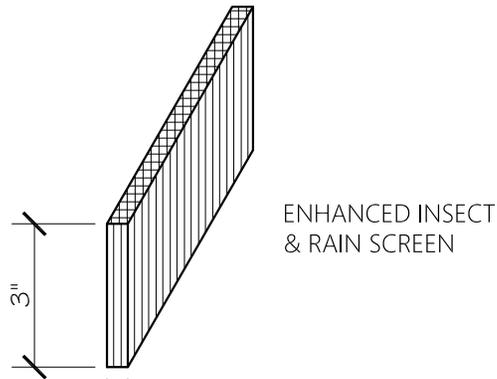
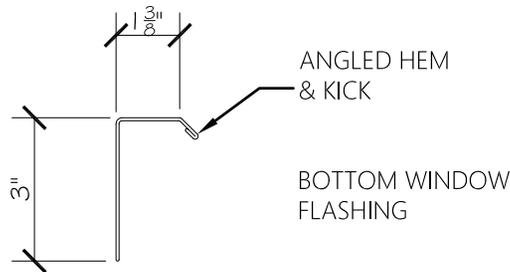
"SALSA BOX"
- SEE PAD BUILDING NOTES -



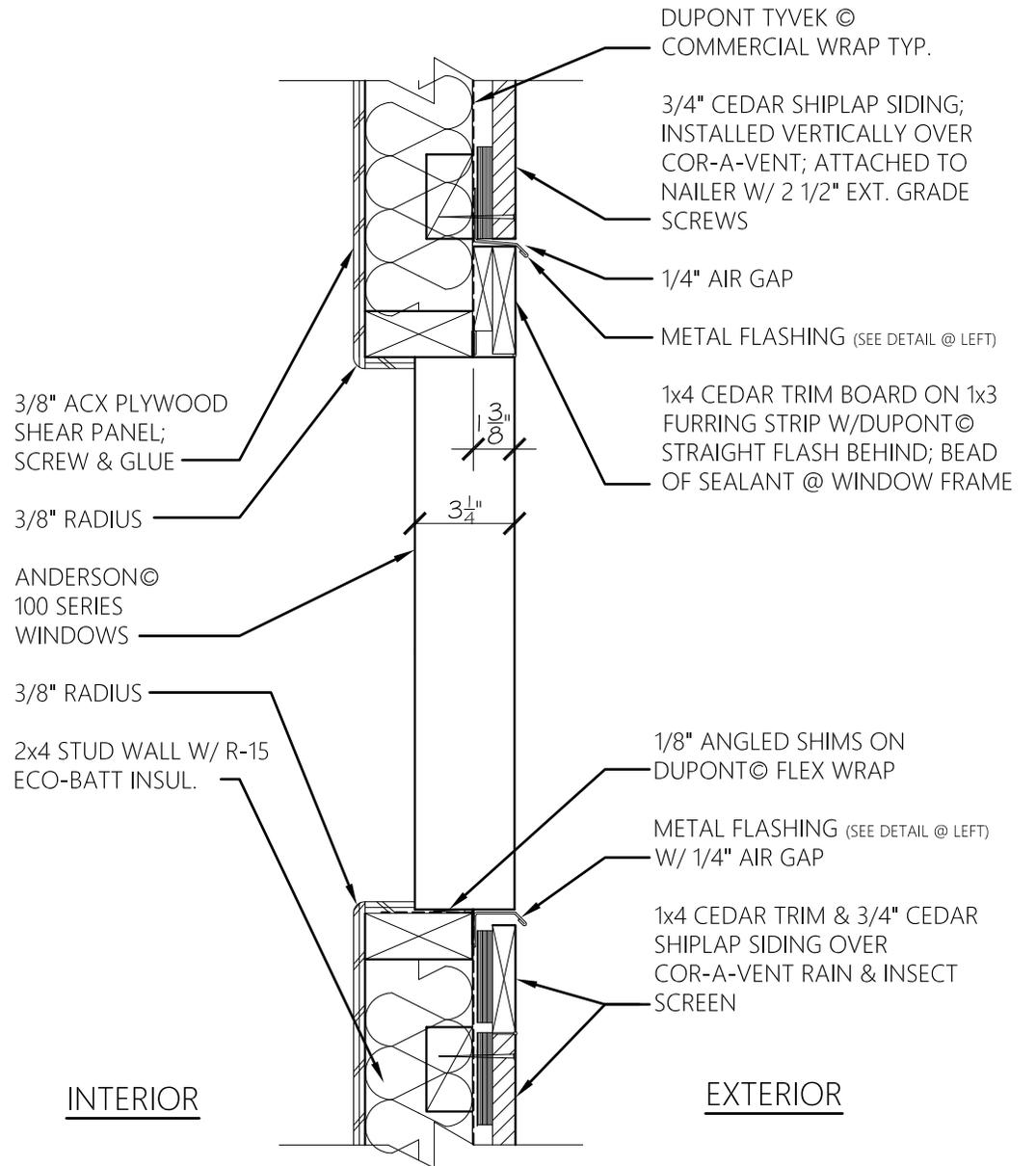




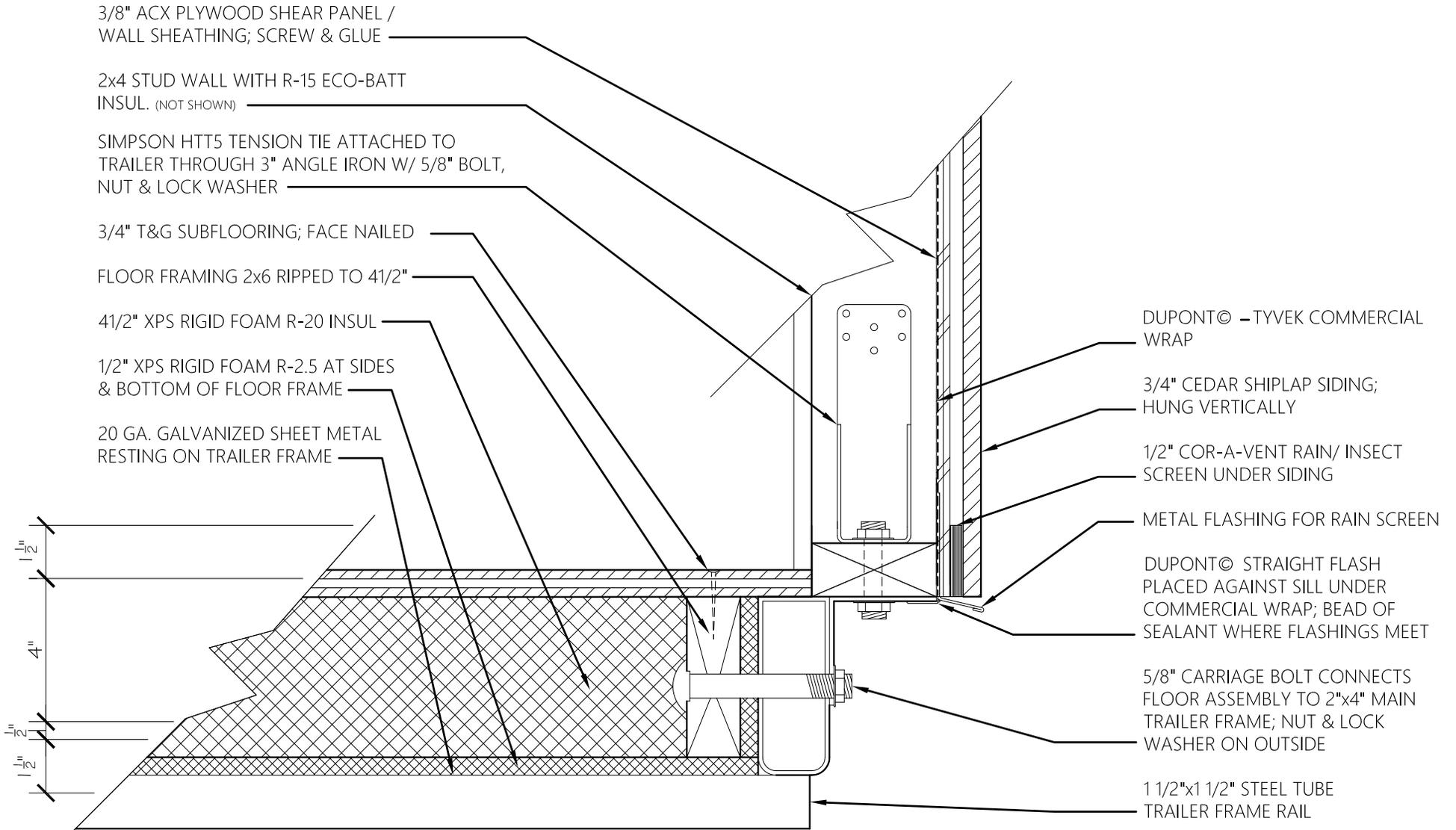
DETAIL: WINDOW FLASHINGS
SCALE 3" = 1'-0"



DETAIL: COR-A-VENT
SCALE 3" = 1'-0"



DETAIL: WINDOW FRAME SECTION
SCALE 2" = 1'-0"



DETAIL: FLOOR/ WALL SECTION

SCALE 3" = 1'-0"



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Salsa Box Suggested Materials List For Framing and Siding

This suggested materials list only covers the framing package and siding package. This list does not take material waste into account. It's typical to account for waste by adding 10-15% to all materials – the more experienced you are with construction, the less waste you will typically need to account for. Please plan to add a percentage to your budget for each material in a way that corresponds with your construction confidence and experience.

All lumber should be ordered kiln dried with a moisture content below 15%. There are different grades of lumber, and with dimensional lumber it is important that you choose No. 2 or better, which is lumber meant for light structural framing.

We did not include a materials list for the interior, as each interior in almost all tiny homes is a bit different, but for reference, there is about 400 square feet of surface area to cover. We used about 12ea 3/8" ACX plywood to cover all the walls and ceiling in the original Salsa Box.

This is only a suggested list, and product availability may differ depending on your location. You as the builder take full responsibility for ordering the necessary amounts of your own materials, using the correct fasteners, ordering the right construction adhesive, and overall building your tiny house right. Shelter Wise, LLC and Portland Alternative Dwellings, LLC are not responsible for product availability differences, waste allowances, and the products you eventually select and purchase.

Trailer: One 12'2" long by 7'4" Wide Iron Eagle Trailer w/ 5K lb axle (Metal pan and wheel well flashing recommended)

Floor Framing Materials (includes insulation, as it is enclosed in the floor framing assembly):

4ea - 2x6x12'

2ea - 2x6x8'

3ea - 3/4" T & G Subfloor plywood

2ea - Subfloor adhesive (assuming 90 Inft per 28 oz tube and get latex based so that it does not react to foam)

200ea- 2" wood screw (assuming 12" OC field/ 6" OC edges)

6ea - 4x8x2" Closed Cell foam board

4ea - 4x8x 1/2" Closed Cell foam board

10ea - 5/8"x5 1/2" Carriage Bolt

10ea - 5/8" Nuts

10ea - 5/8" Lock washer

Wall Framing Materials:

12ea - 2x4x10'

24ea - 2x4x8'

2ea - 2x4x16'



1ea - 4x6x8'
11ea - 4x8x 3/8" CDX Plywood
4ea - Construction adhesive (assuming 90 lnft per 28 oz tube)
1232ea - 8d ring shank nails (6" OC field/ 3" OC edges)
6ea - HTT5 Simpson tension ties
156ea - SD #10x1 1/2" (Fasteners for HTT5)
6ea - 5/8" x 3" bolts
12ea - 5/8" washers
12ea - 5/8" lock washers
6ea - 5/8" nuts
4ea - Simpson HU46 (use appropriate nails from Simpson)
310 sqft wall insulation (R15 EcoBatt is a good option)

Roof Framing Materials

8ea - 2x6x10'
2ea - 2x4x10'
2ea - 2x8x10' (Cedar)
2ea - 2x8x14' (Cedar)
1ea - Construction adhesive (assuming 90 lnft per 28 oz tube)
4ea - 4x8x 1/2" CDX Plywood
450ea - 8d Ring Shank nails (6" OC field/ 3" OC edges)
18ea - 6" FastenMaster Structural Screw
3ea - 4x8x2" Closed cell foam
110 sqft of 5.5" thick insulation (Roxul R23 is a nice option)
115 sqft of Ice and Water Barrier

Exterior Siding Package (as seen in photos)

590 lnft - Pattern 105 1 x 8 Tight knot cedar siding (use 2" long 6d nails, No. 304 stainless ring shank nails and No.316 Stainless for Coastal areas.)
20ea - 1/2"x2.5"x8' pressure treated batten (For rain screen assembly)
80 lnft - COR-A-VENT rain screen vent for high and low wall ventilation
1ea - roll of 1/16
8ea - 2x4x8' cedar
7ea - 2x4x10'
2ea - 1x6x14'
2ea - 1x6x10'
50 lnft- metal drip edge for roof
115 sqft - Corrugated roofing or equivalent metal roofing
310 sqft House wrap w/ appropriate tapes
16lnft - metal drip edge for above windows
6ea - 2'0" wide by 1'6" length Rough Opening (RO). Make sure to follow manufacturer's installation instructions.