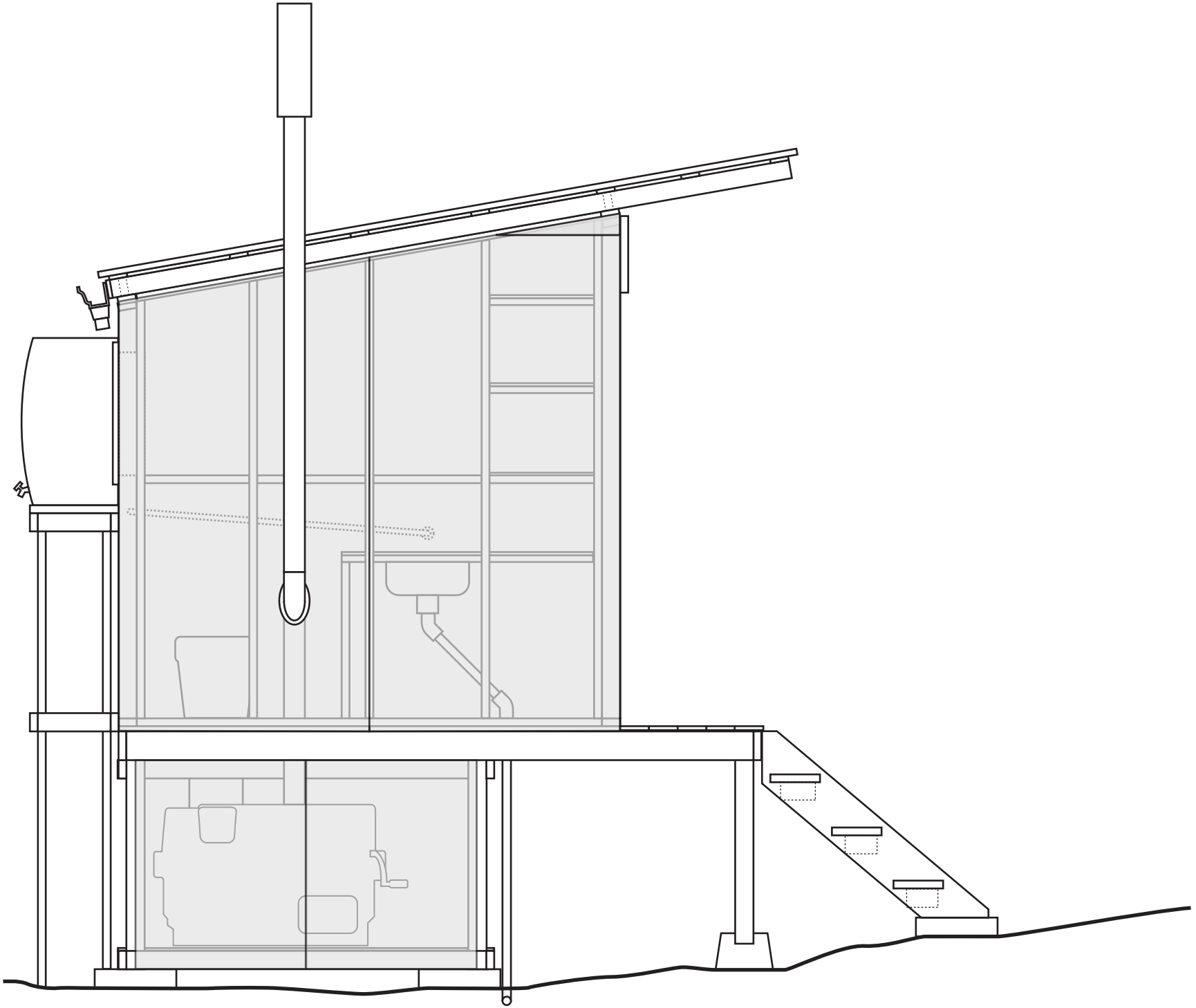
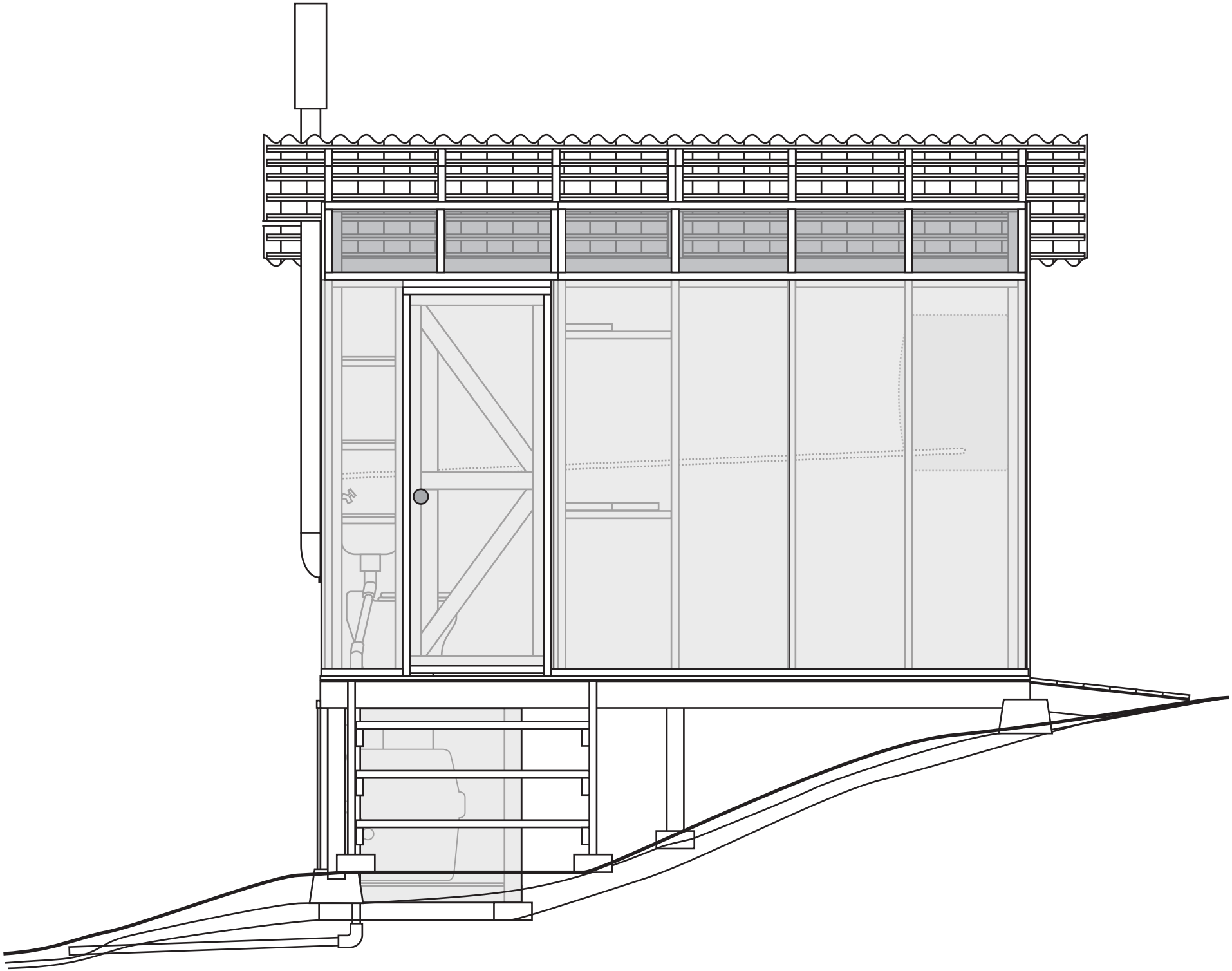
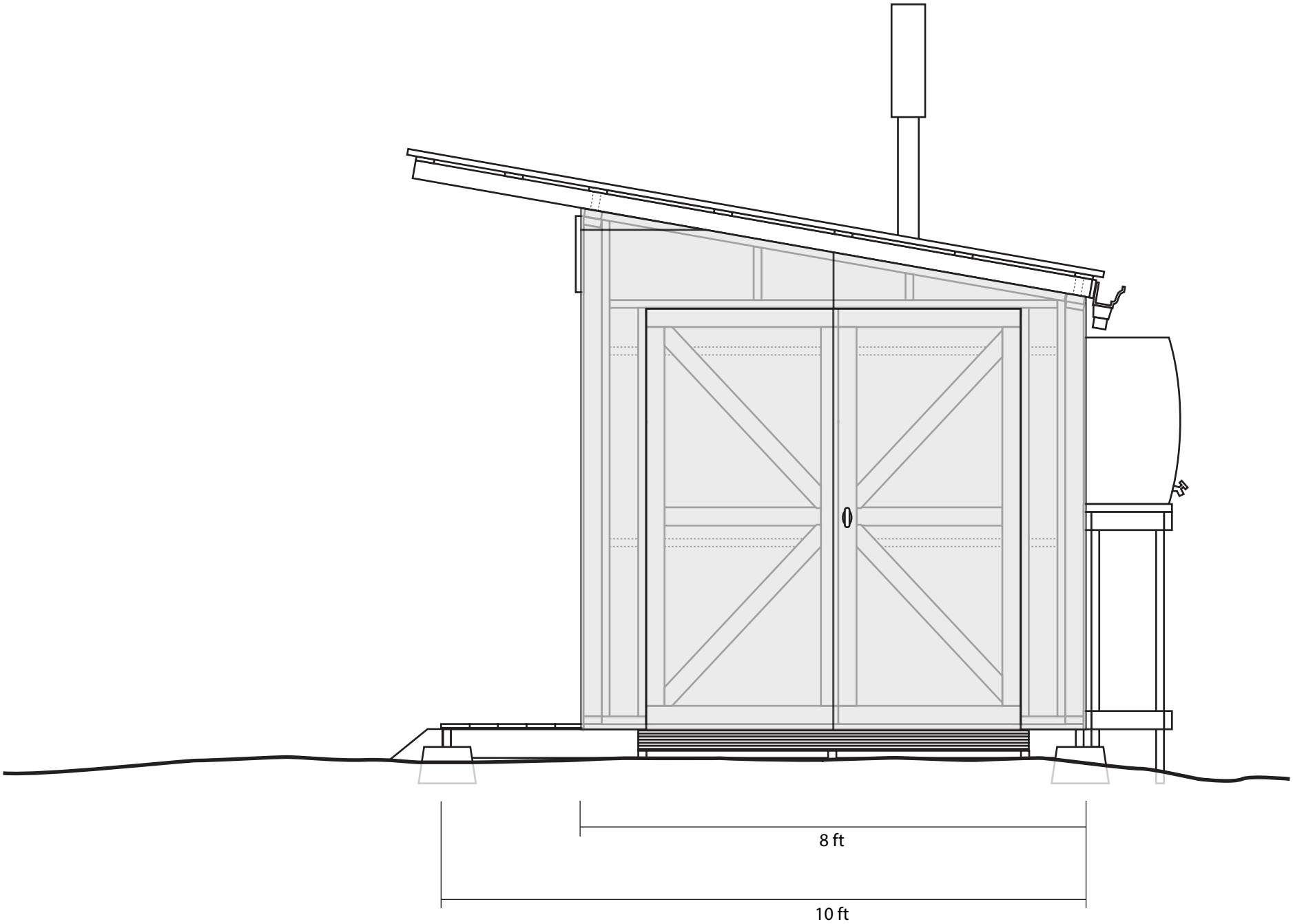
SHED PLANS

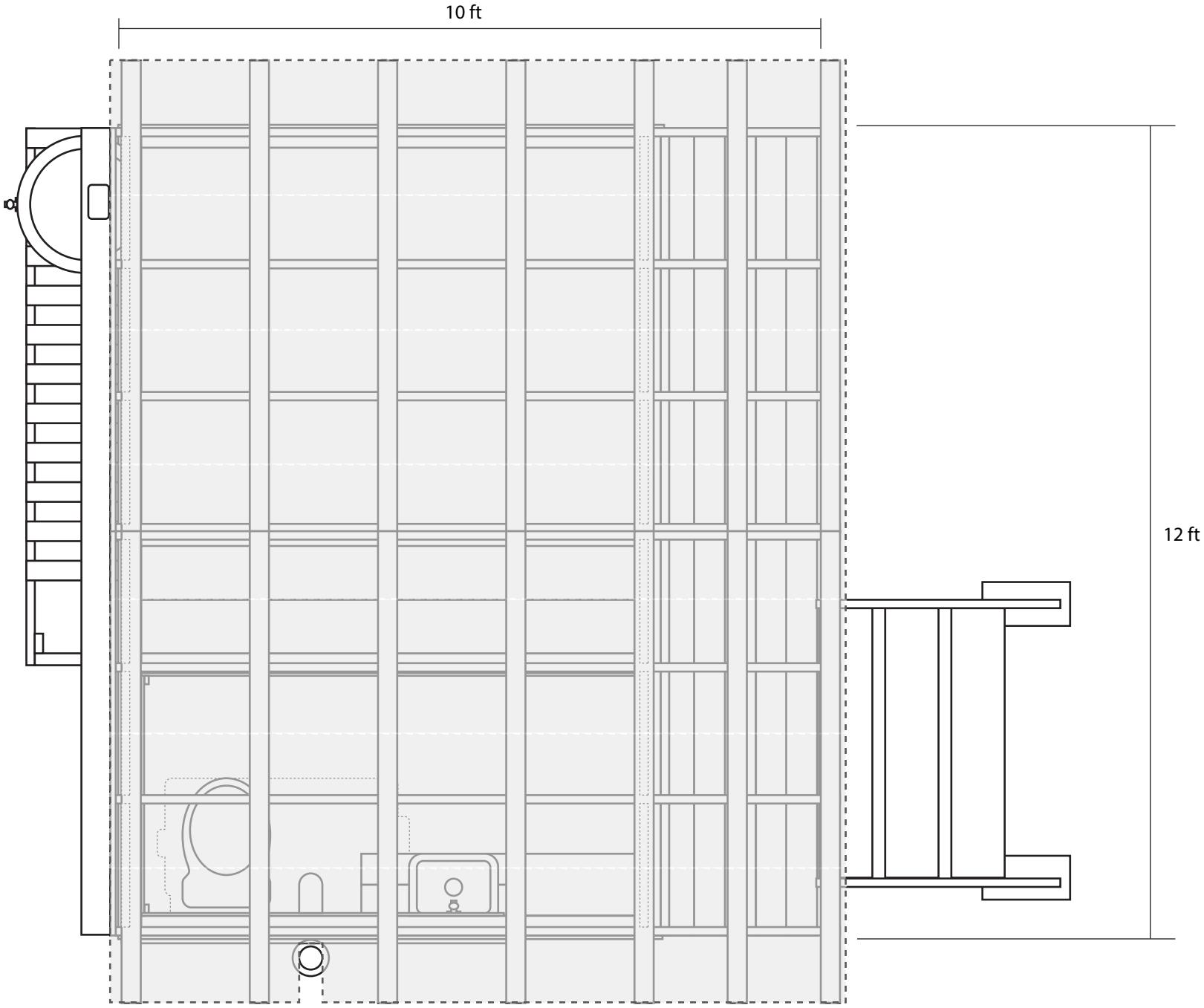
rev. 3.1

Design by: Shane MacGregor



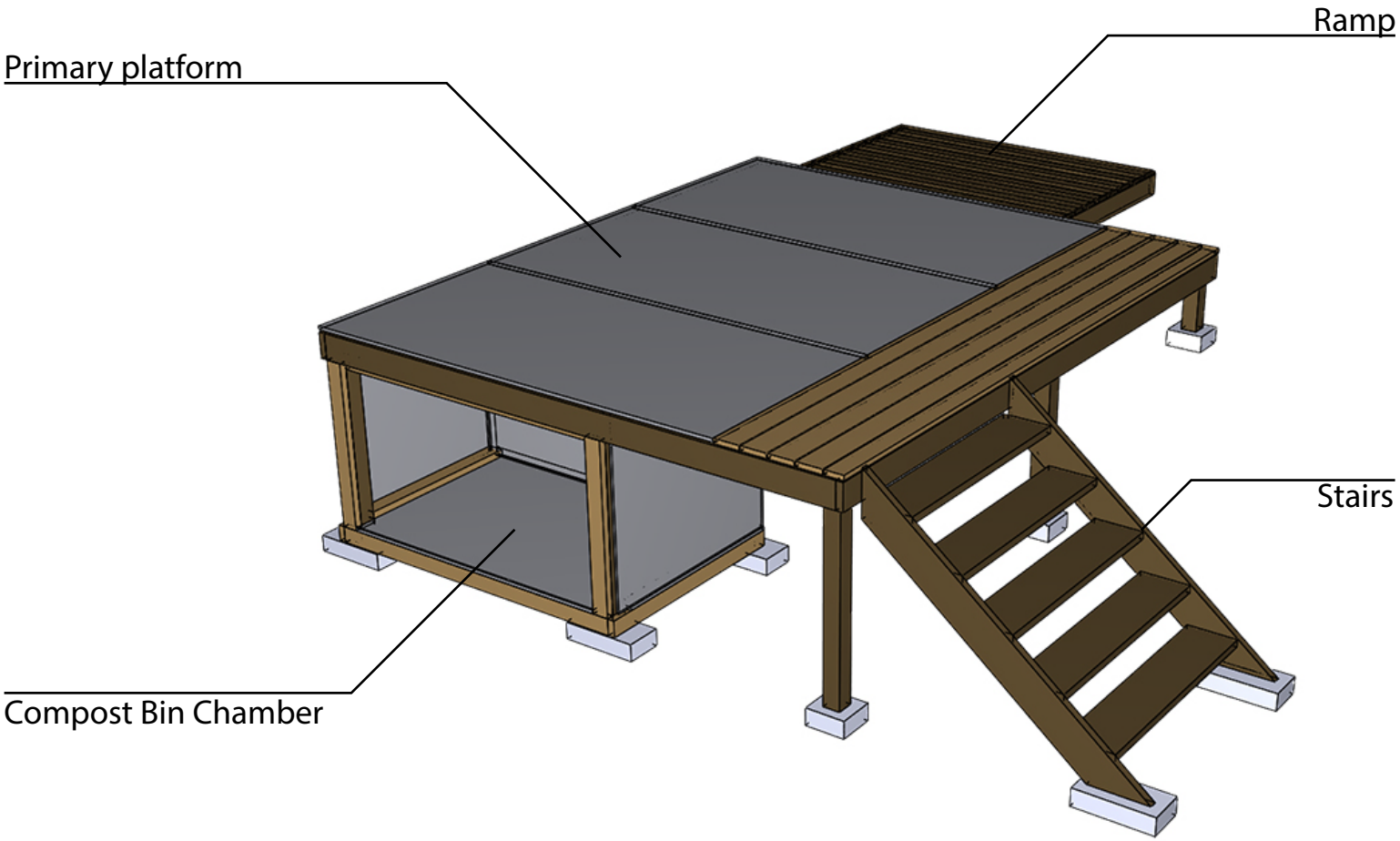



8 ft
10 ft


10 ft
12 ft

Shed Platform

The Shed platform is made up of four elements seen in the picture below. Lumber used should be pressure treated or suitable for exposure to weather. Use concrete blocks to protect wood from direct contact with ground.



Primary Platform

1.25 = 2″x4″x8′ (actual = 1.5″x3.5″x8′)

2 = 2″x6″x12′ (actual = 1.5″x5.5″x12′)

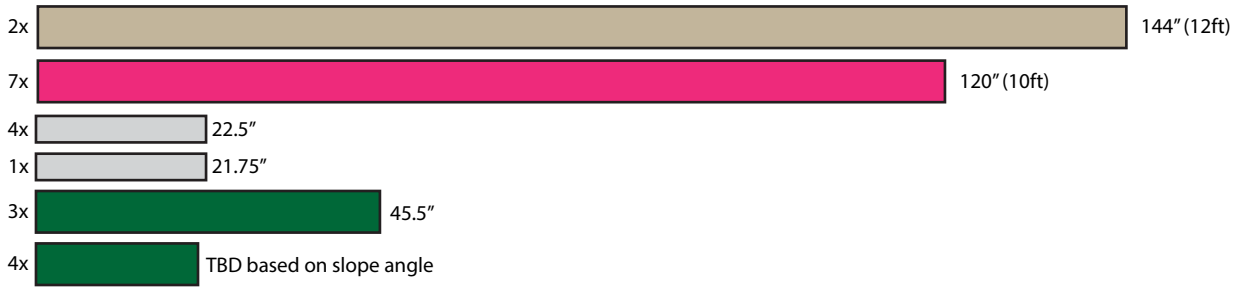
7 = 2″x6″x10′ (actual = 1.5″x5.5″x10′)

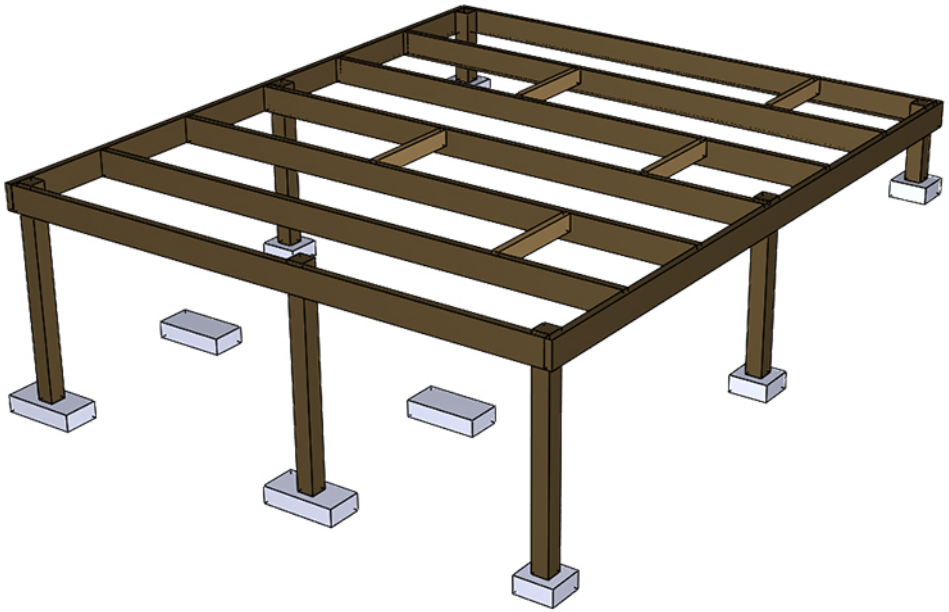
3 = 4″x4″x8′ (actual = 3.5″x3.5″x8′)

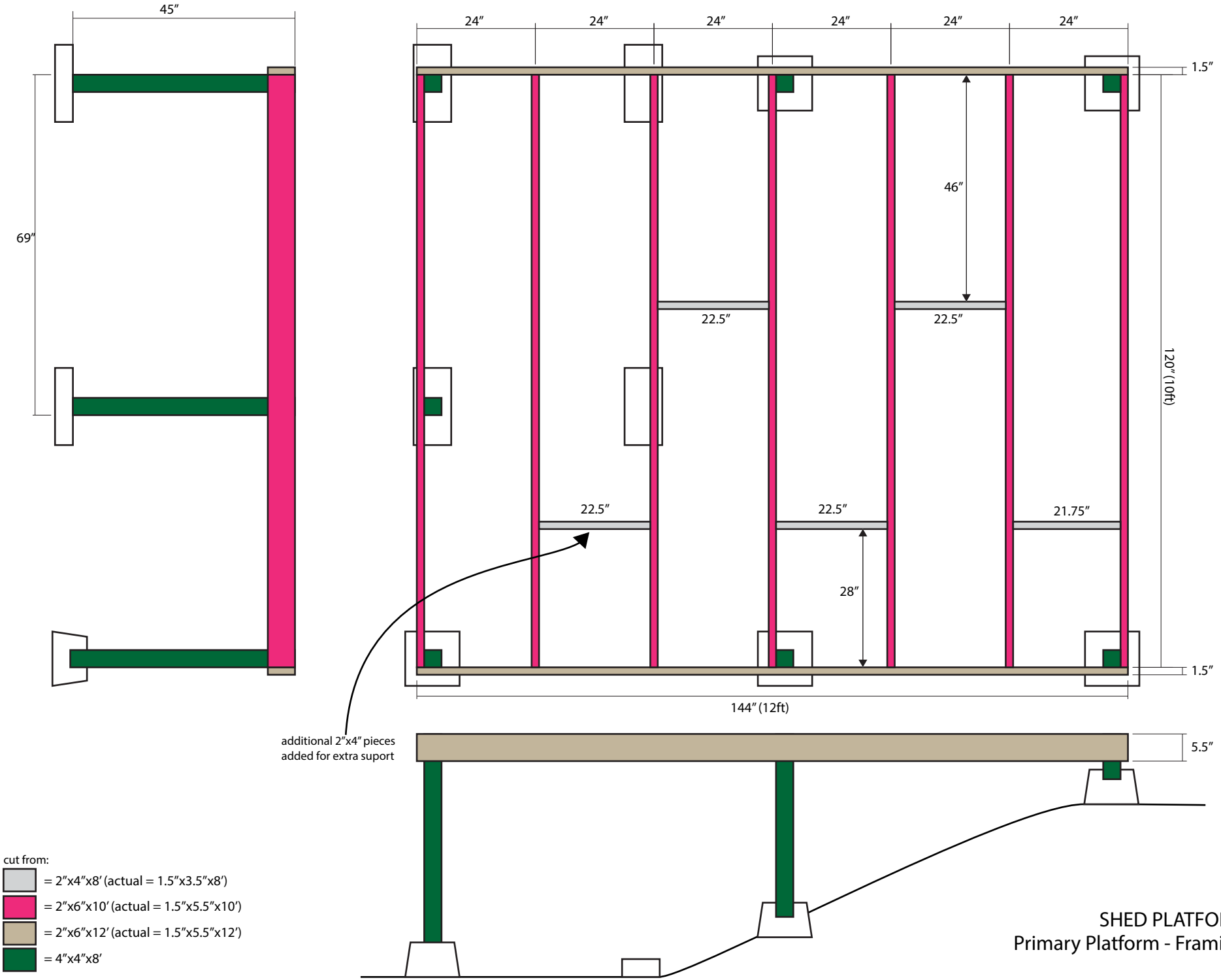
9 = concrete blocks (or equivalent to prevent wood from having direct contact with the ground)

NOTE: Decking will be added after compost bin chamber is completed.

PLATFORM FRAME







SHED PLATFORM
Primary Platform - Framing

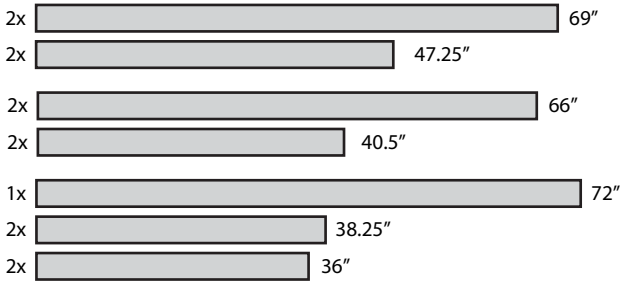
Compost Bin Chamber

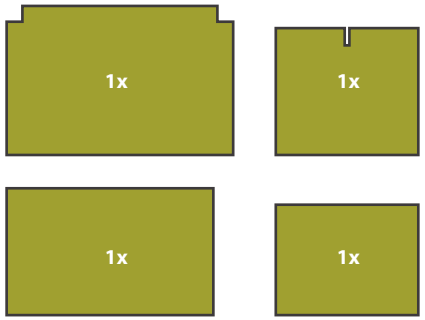
9 = 2″x4″x8′ (actual = 1.5″x3.5″x8′)

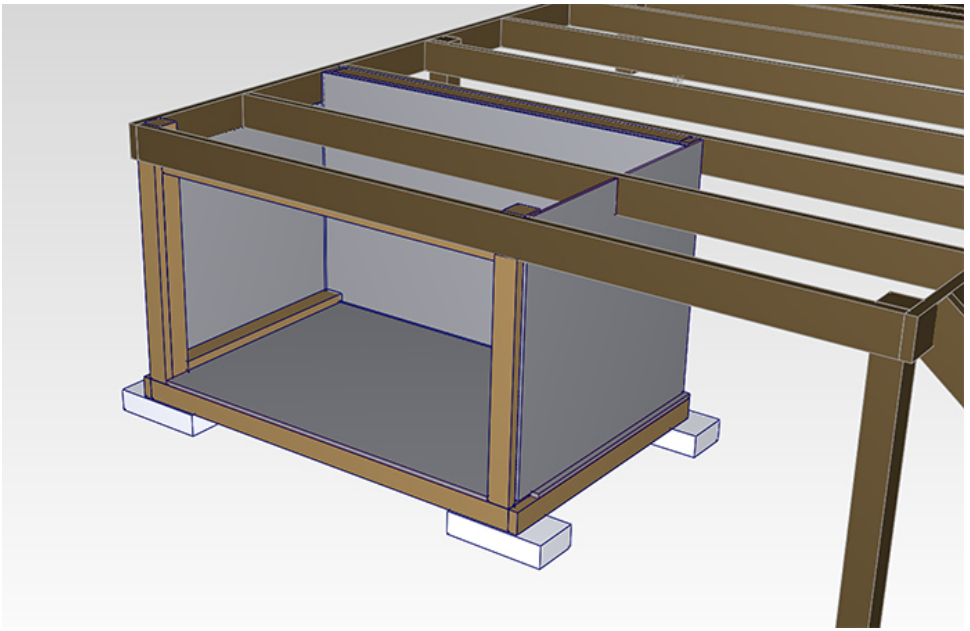
3 = 1/2″ plywood

NOTE: Compost bin chamber framing & siding should be completed before putting the decking plywood on the top of the platform.

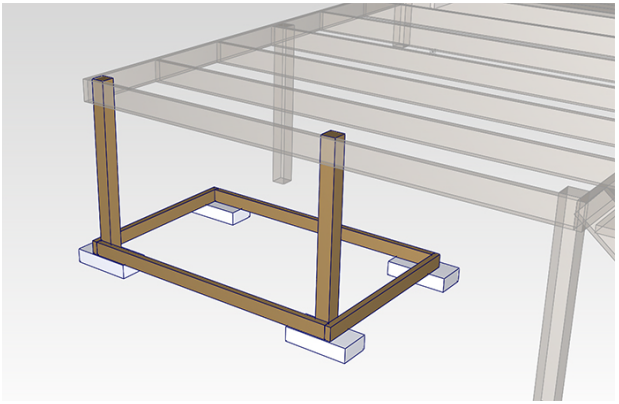
COMPOST BIN CHAMBER FRAME



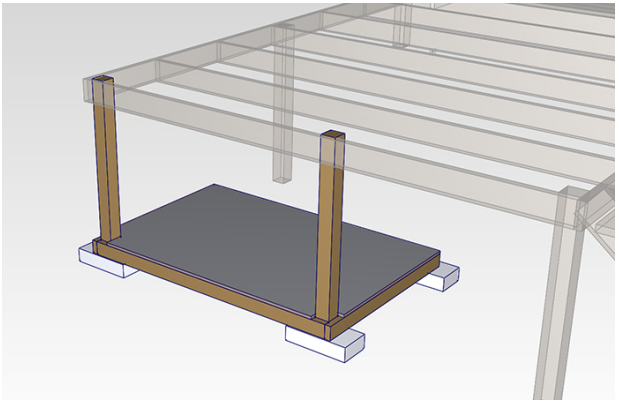


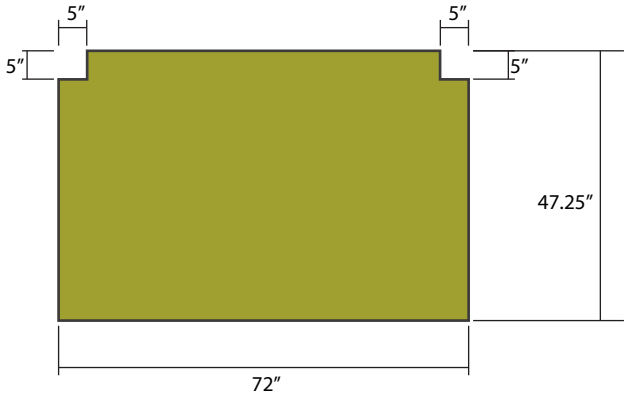


1 Check that all 4 concrete blocks are level and build a rectangle. Secure in place by attaching to the vertical 4x4 posts.

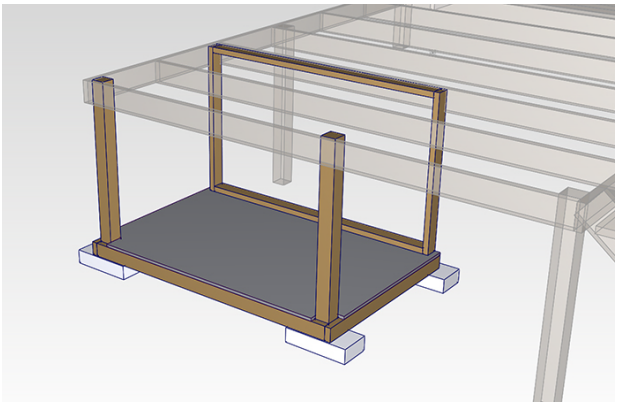


2 Add plywood to be the floor of the chamber. Recheck to ensure floor is level.





3 Add frame for back wall. Screw top of frame to joist. Screw bottom of frame to chamber base.



cut from:

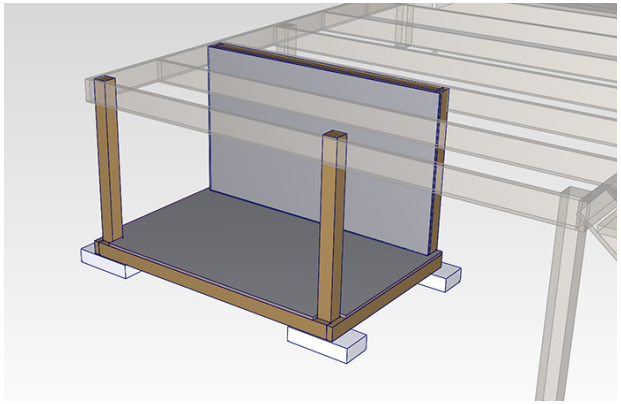
= 2″x4″x8′ (actual = 1.5″x3.5″x8′)

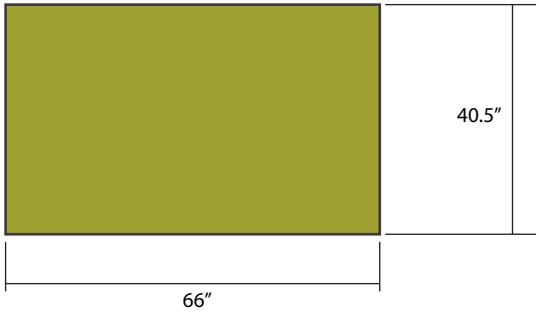
= 1/2″ plywood

SHED PLATFORM
Compost Bin Chamber - framing & Siding

4

Add plywood to back wall of chamber.



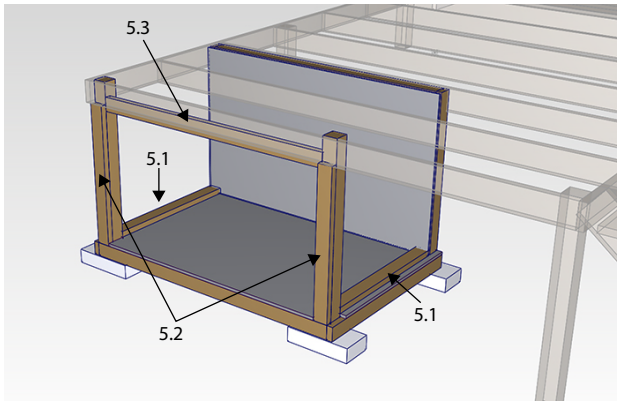


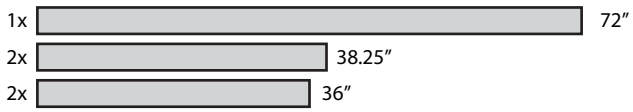
5

5.1 - add 2x4x36.25″ on floor to provide attachment point for side walls.

5.2 - add 2x4x36″ on front face of vertical posts to provide a surface to attached doors onto the bin that swing out.

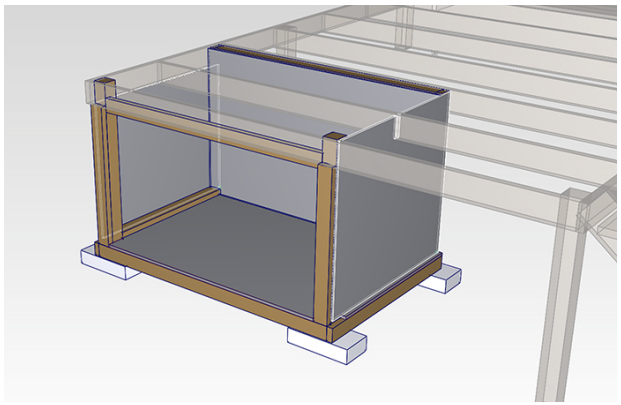
5.3 - add 2x4x72″ across top of chamber opening to provide a surface for the doors to close against. attach to joist across top.

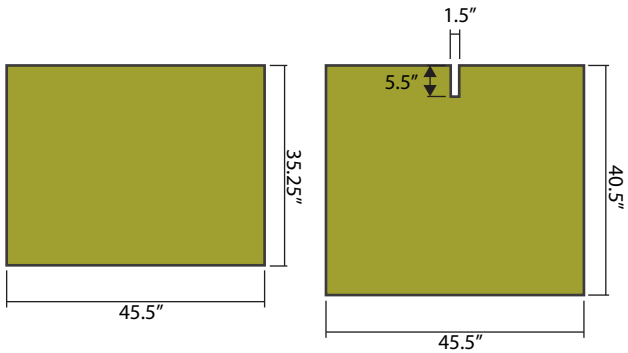




6

Add plywood sides to chamber. One side gets notched to fit around a joist, adjust cut based on joist exact dimensions.





cut from:

= 2″x4″x8′ (actual = 1.5″x3.5″x8′)

= 1/2″ plywood

SHED PLATFORM
Compost Bin Chamber - framing & Siding

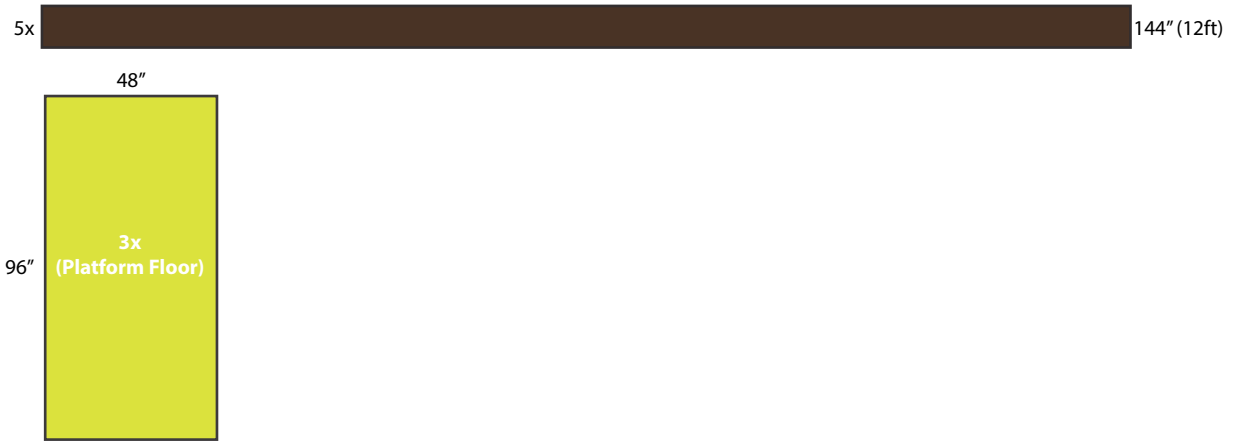
Primary Platform Decking

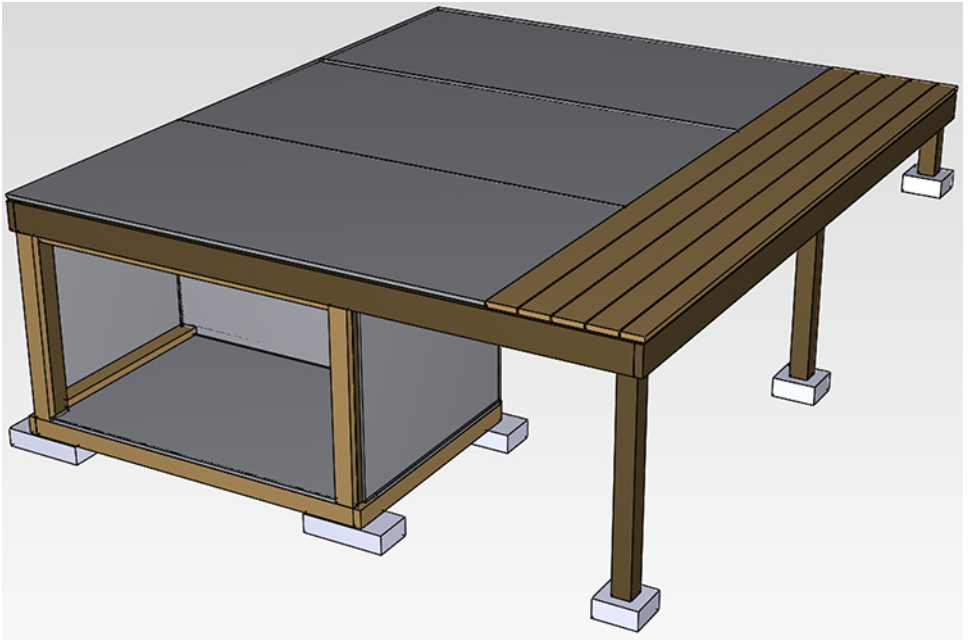
5 = 1″x6″x12′ (actual = .75″x5.5″x12′)

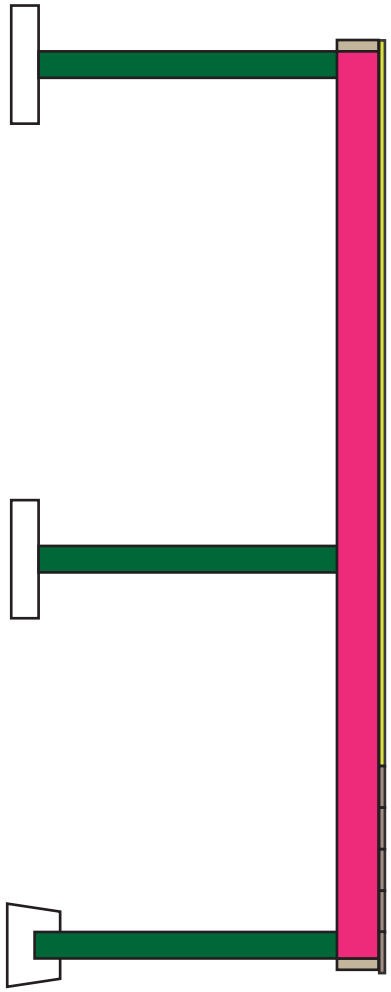
3 = Plywood 3/4

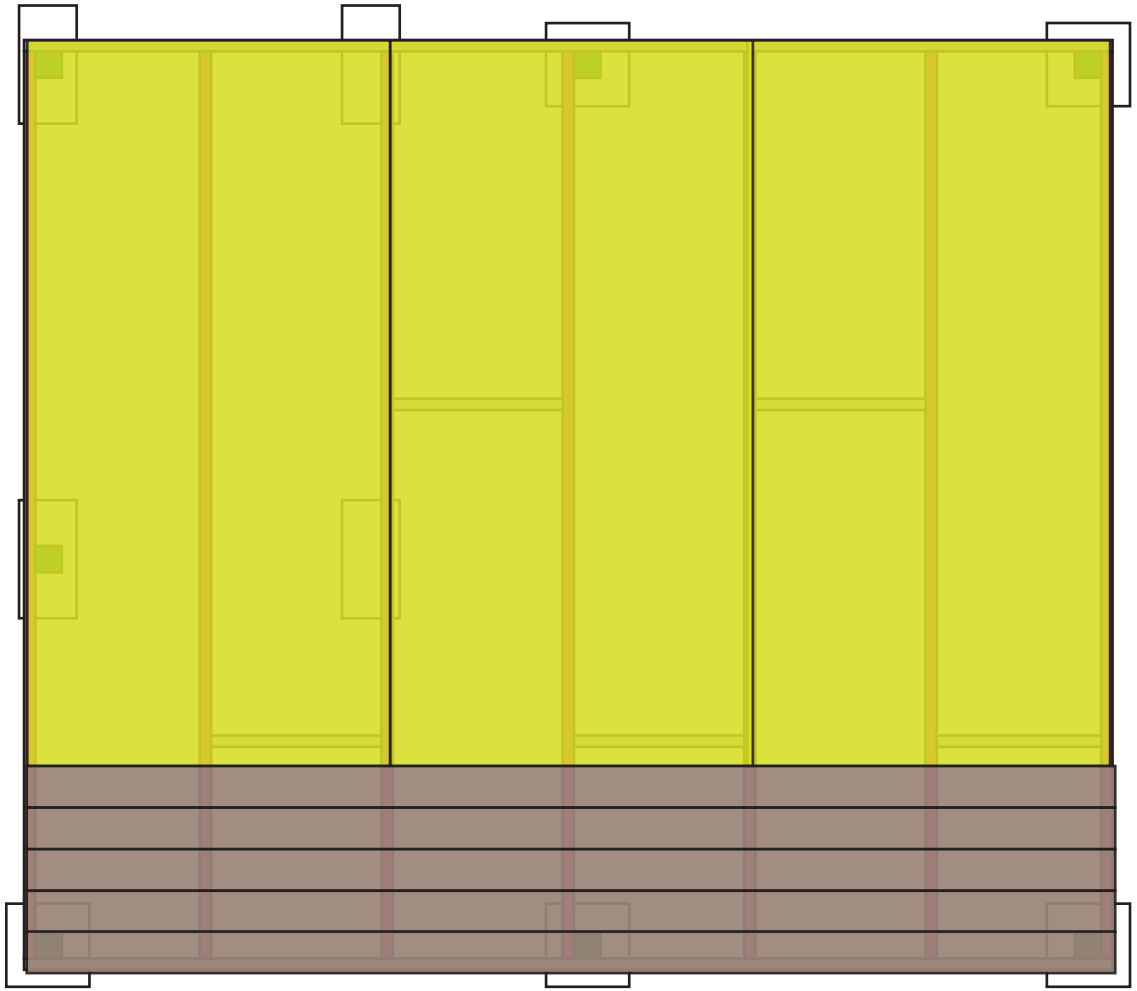
NOTE: Compost bin chamber framing & siding should be completed before putting the decking plywood on the top of the platform.

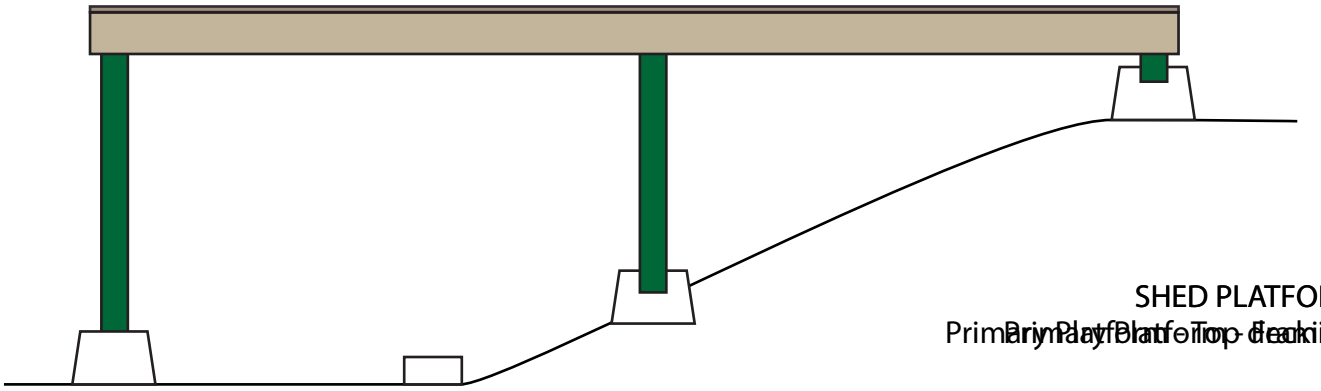
Top decking











cut from:

= 2”x6”x12’ (actual = 1.5”x5.5”x12’)

= 3/4 plywood

SHED PLATFORM

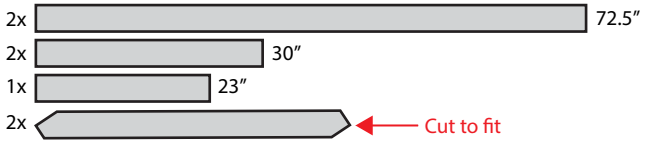
Primary Platform - Top decking

17 = 2″x4″x8′ (actual = 1.5″x3.5″x8′)

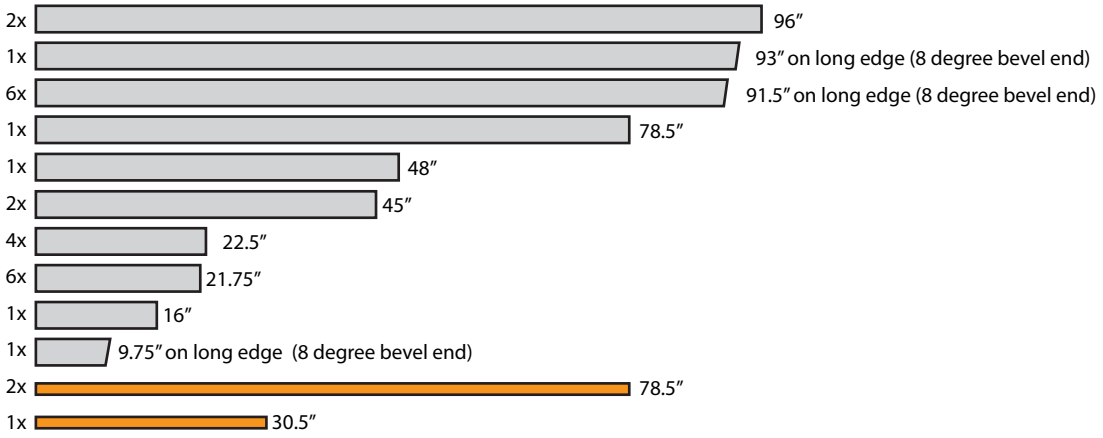
2.5 = 2″x2″x8′ (actual = 1.5″x1.5″x8′)

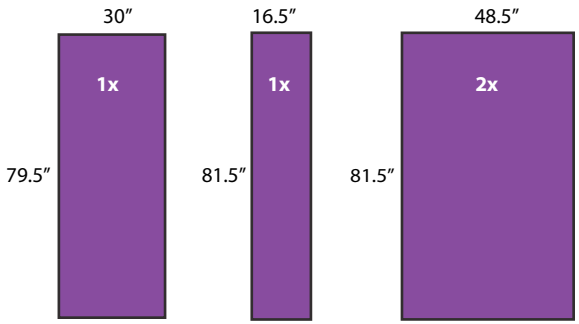
3 = Engineered siding

DOOR FRAME

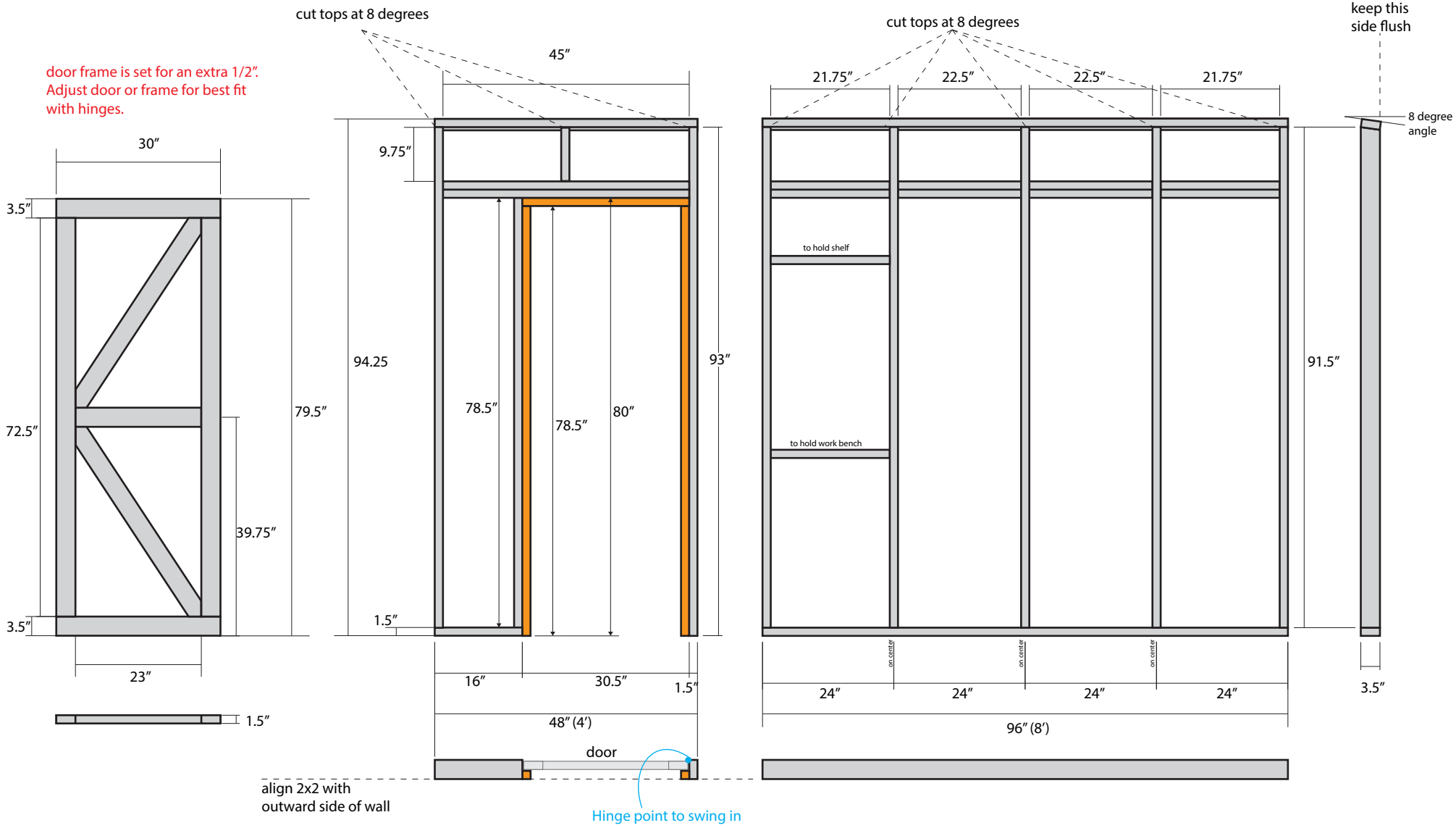


WALL FRAME





FRONT WALL SEGMENTS
part list

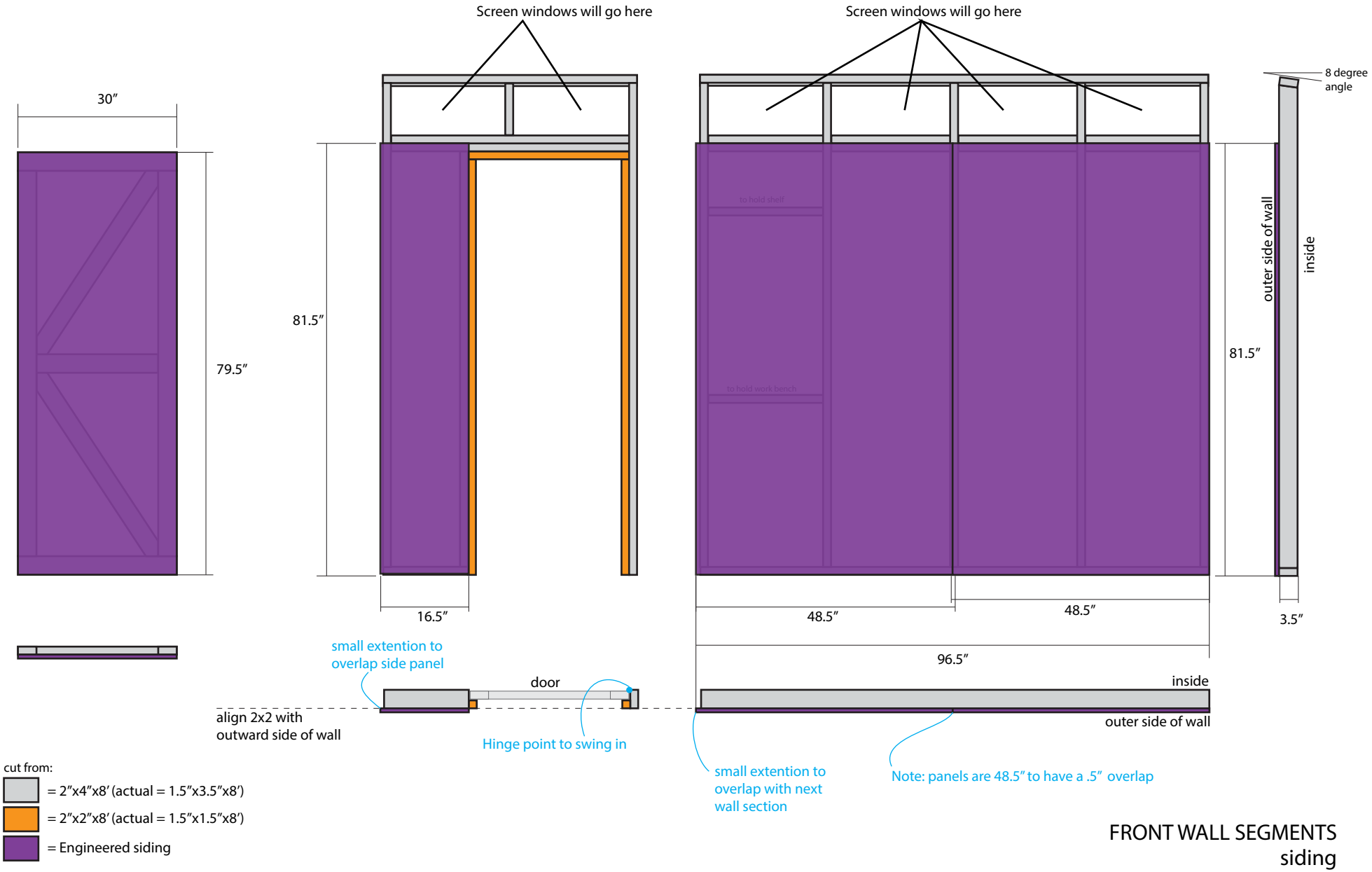


cut from:

= 2″x4″x8′ (actual = 1.5″x3.5″x8′)

= 2″x2″x8′ (actual = 1.5″x1.5″x8′)

FRONT WALL SEGMENTS
framing

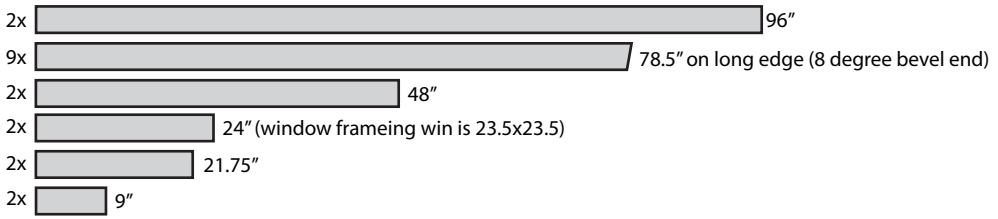


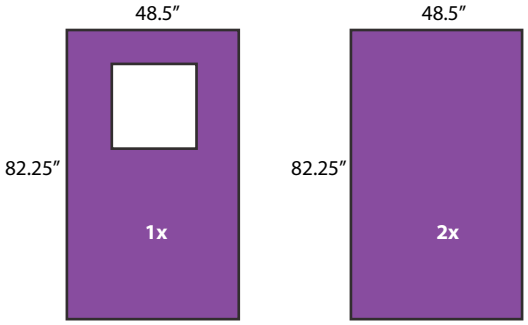
FRONT WALL SEGMENTS
siding

13 = 2″x4″x8′ (actual = 1.5″x3.5″x8′)

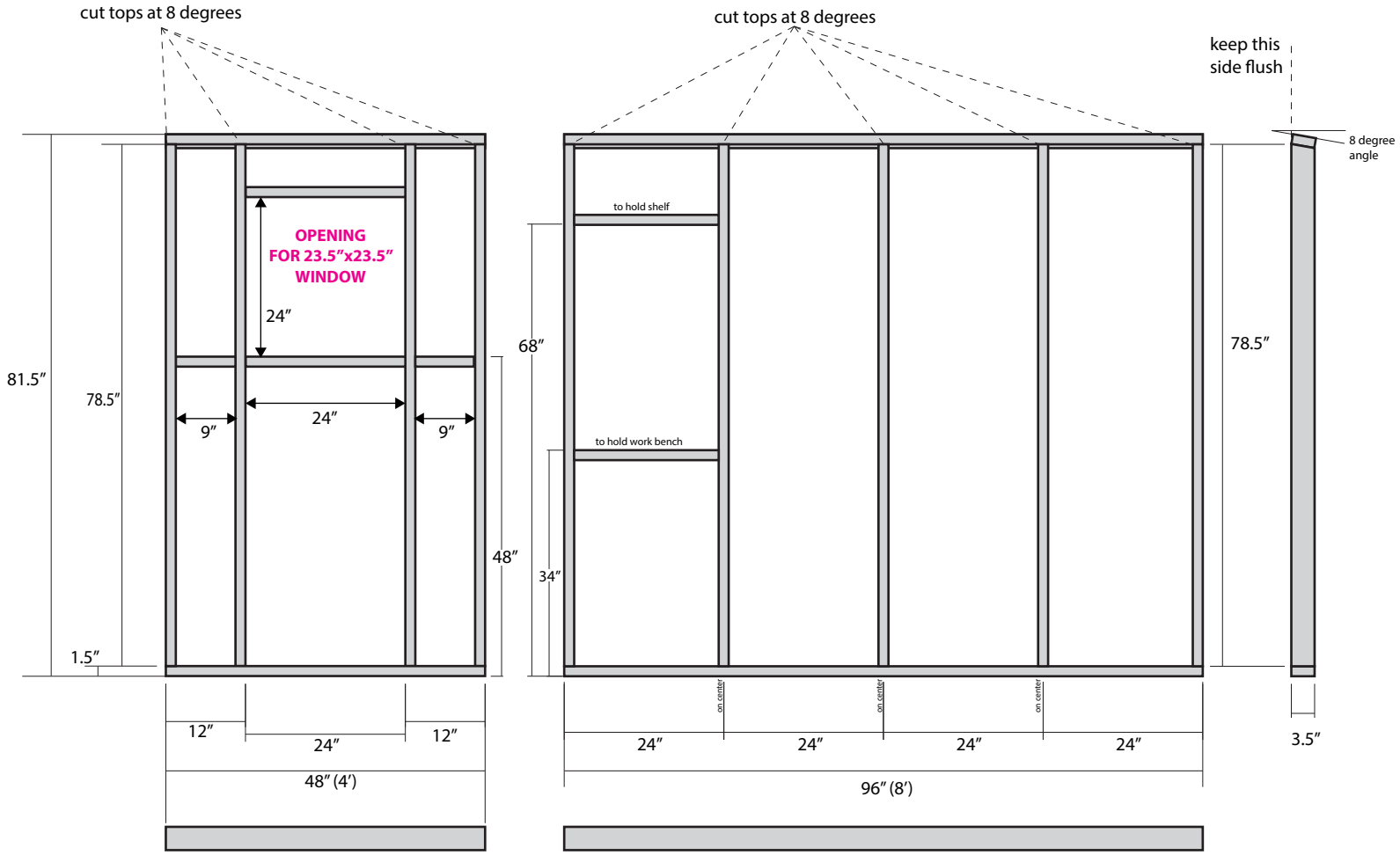
3 = Engineered siding

WALL FRAME





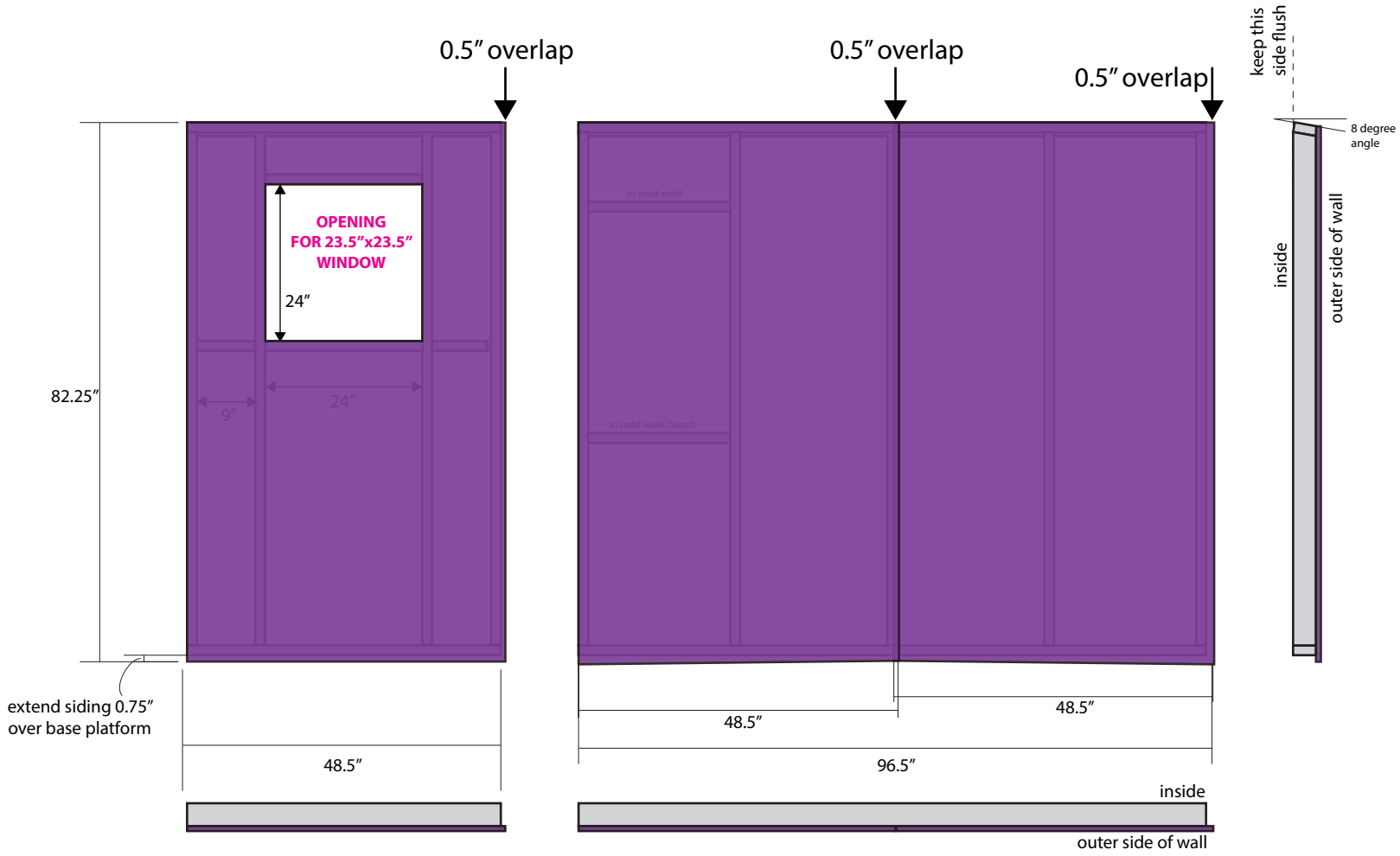
BACK WALL SEGMENTS
part list



cut from:

= 2″x4″x8′ (actual = 1.5″x3.5″x8′)

BACK WALL SEGMENTS
framing



cut from:

= 2″x4″x8′ (actual = 1.5″x3.5″x8′)

= Engineered siding

BACK WALL SEGMENTS
siding

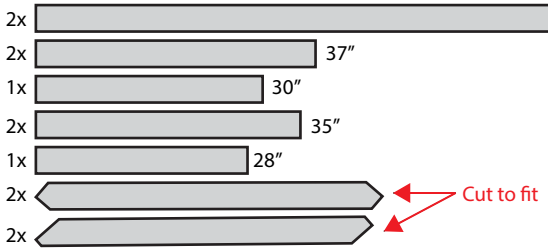
13 = 2″x4″x8′ (actual = 1.5″x3.5″x8′)

3 = 2″x2″x8′ (actual = 1.5″x1.5″x8′)

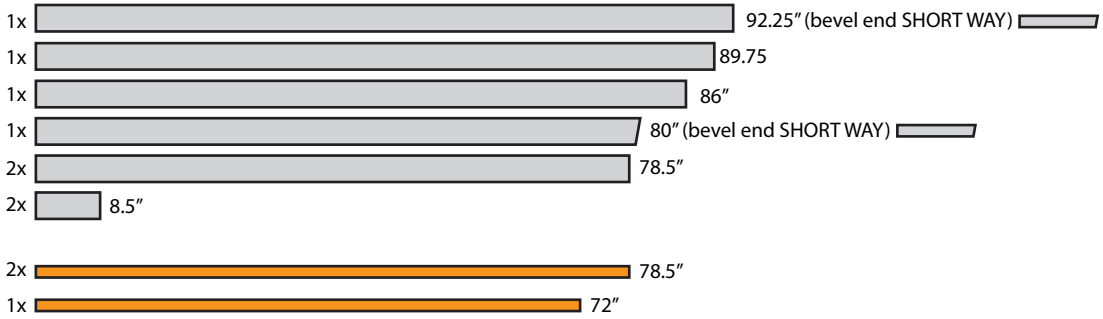
2 = Engineered siding

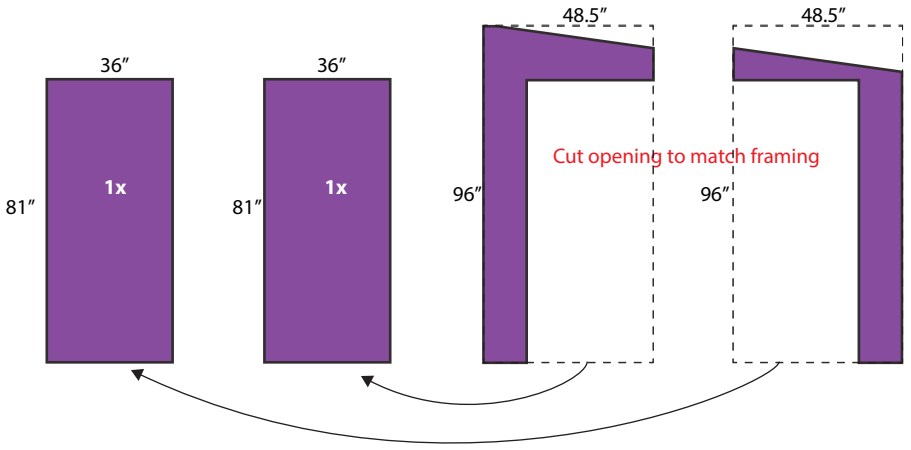
DOOR FRAME

may need to narrow doors to allow best fit in door frame opening and to fit hinges.



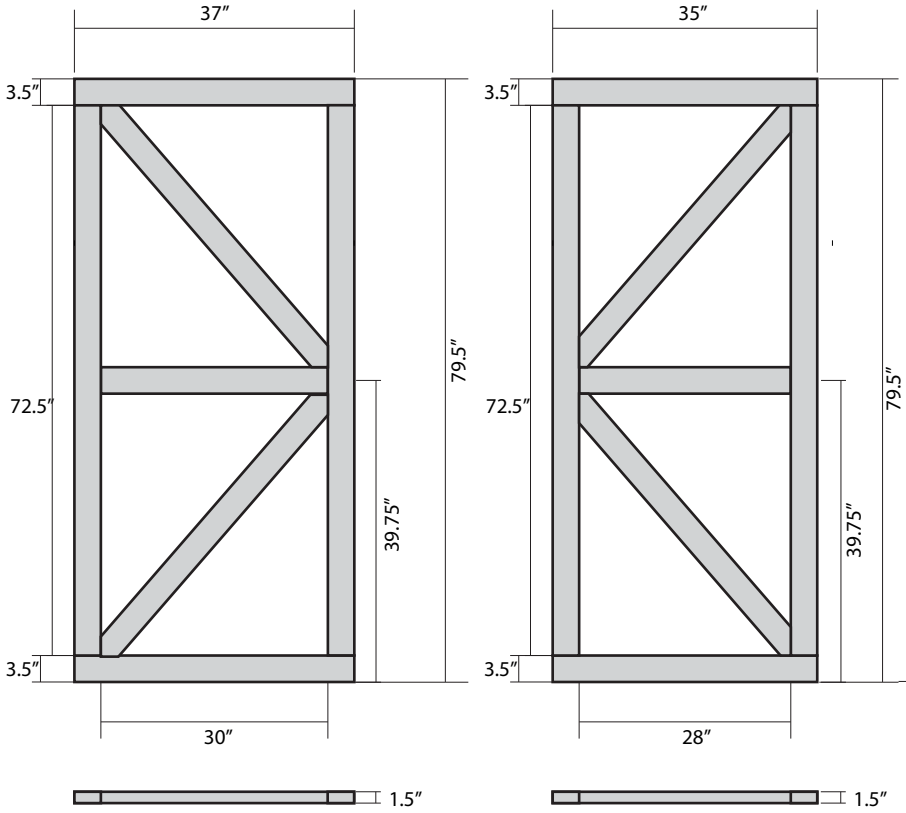
WALL FRAME

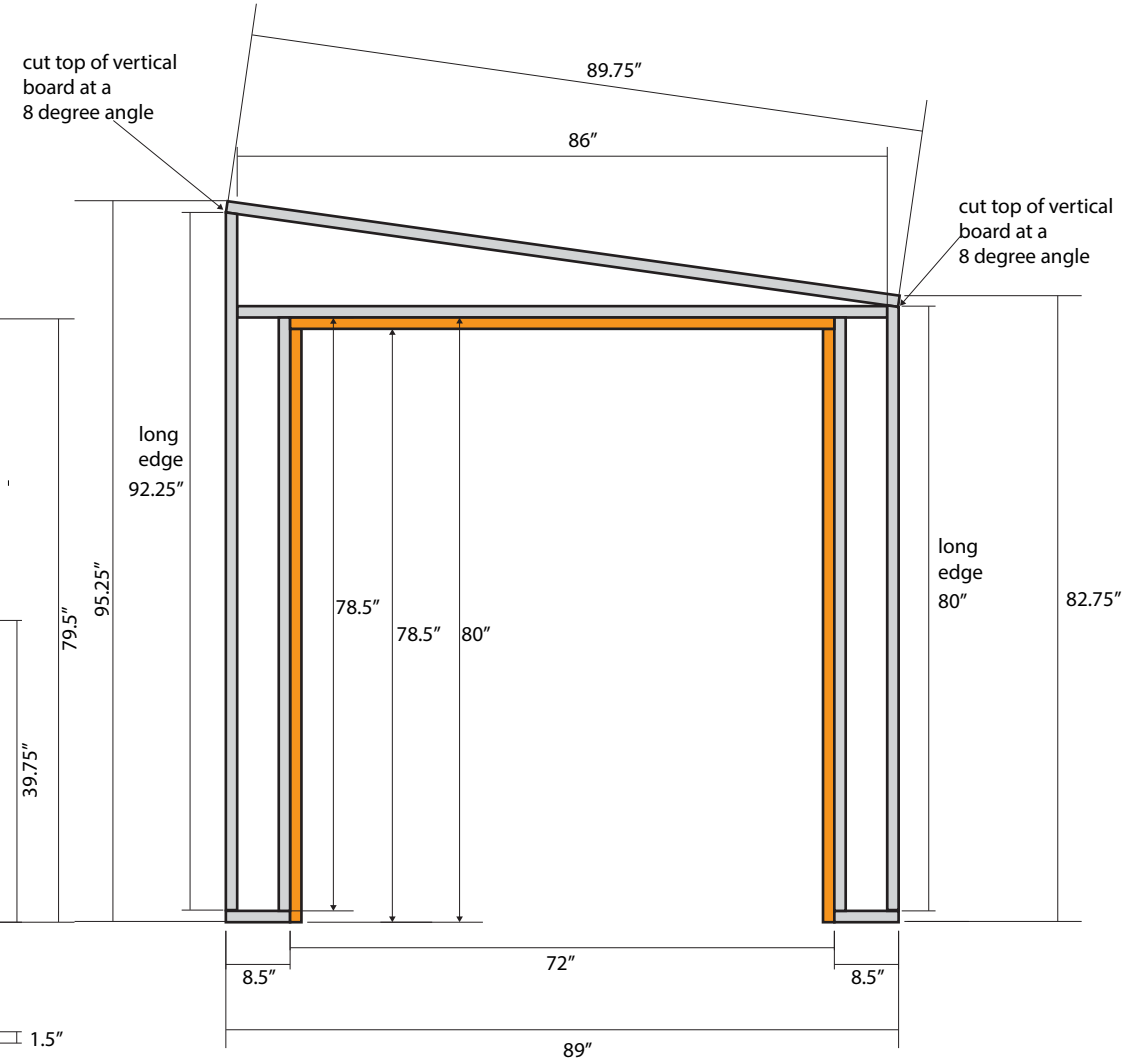


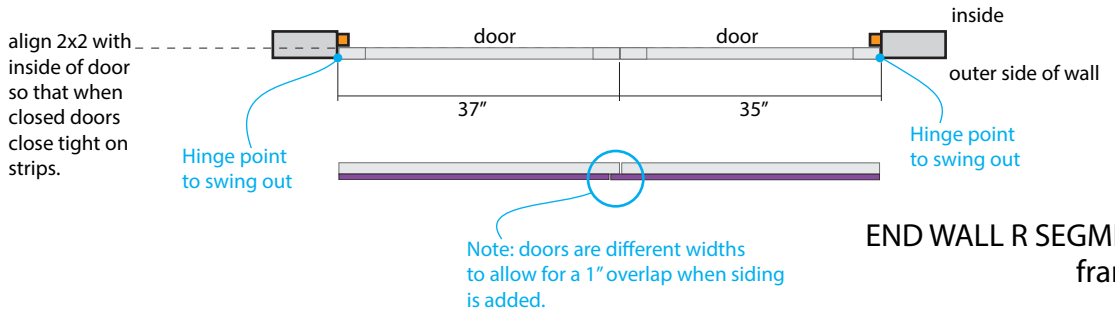


END WALL RIGHT SEGMENTS
part list

may need to narrow doors to allow best fit in door frame opening and to fit hinges.







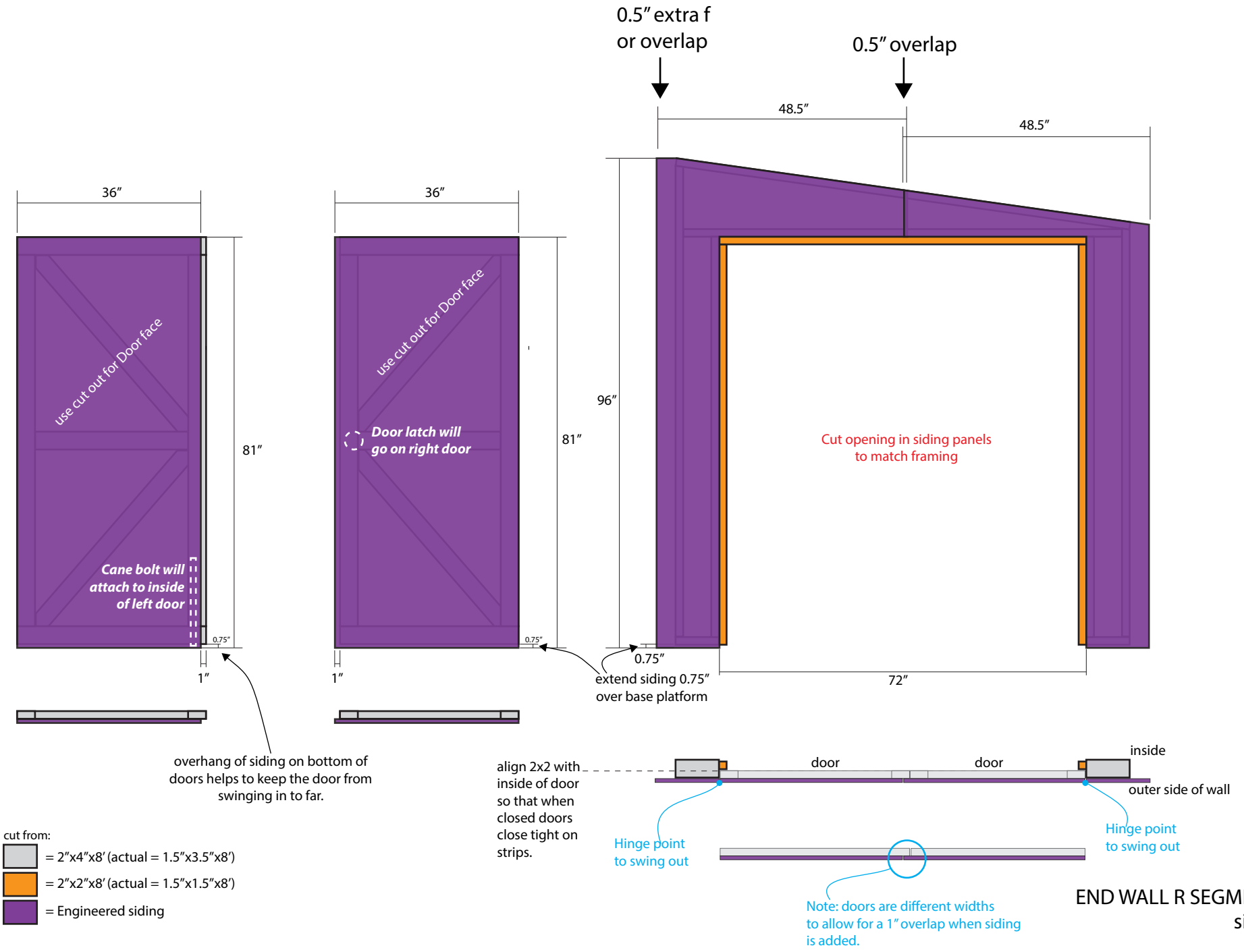
cut from:

= 2″x4″x8′ (actual = 1.5″x3.5″x8′)

= 2″x2″x8′ (actual = 1.5″x1.5″x8′)

= Engineered siding

END WALL R SEGMENTS framing



END WALL R SEGMENTS
siding

8 = 2″x4″x8′ (actual = 1.5″x3.5″x8′)

2 = Engineered siding

WALL FRAME

1x 92.25″ (bevel end SHORT WAY)

1x 89.75

1x 89.25″ (bevel end SHORT WAY)

1x 89″

1x 86″ (bevel end SHORT WAY)

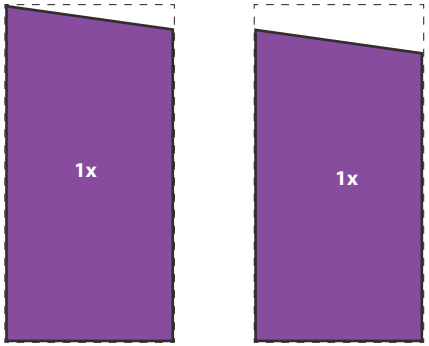
1x 83″ (bevel end SHORT WAY)

1x 80″ (bevel end SHORT WAY)

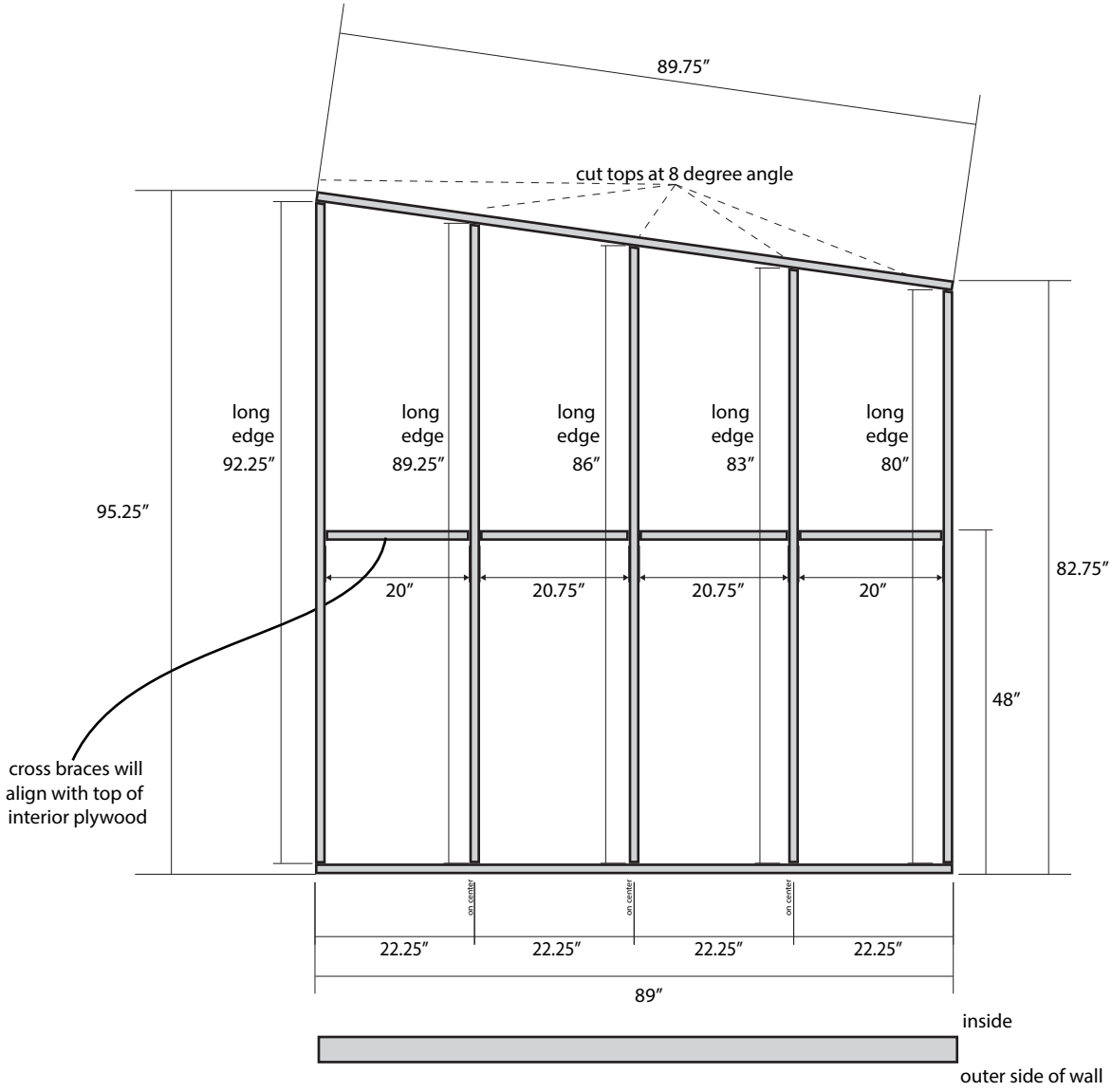
2x 20.75″

2x 20″

from siding panels = 96″ x 48.5



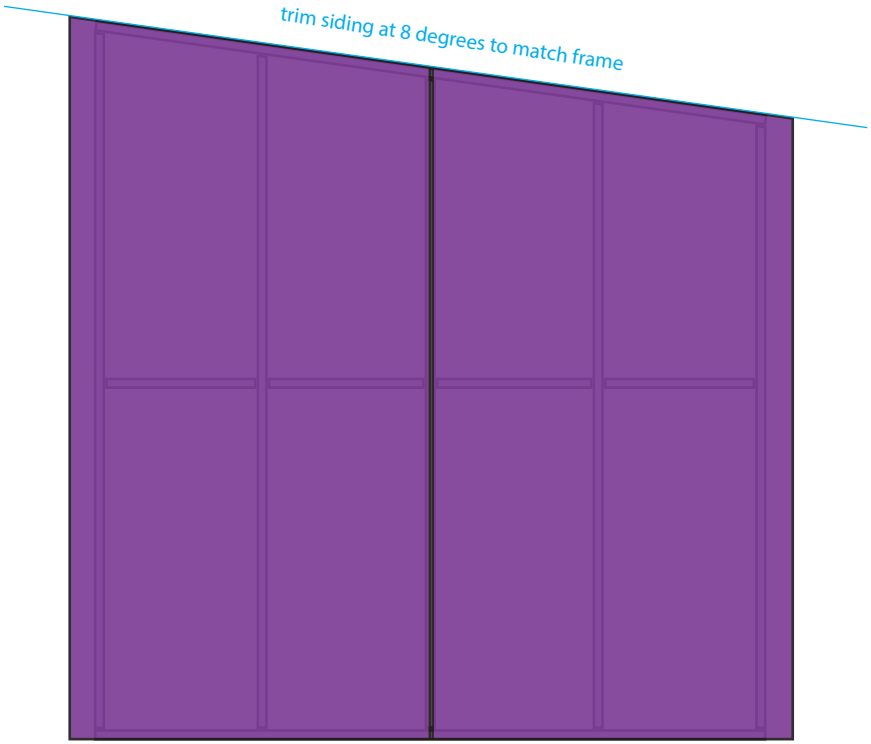
END WALL LEFT SEGMENTS
part list

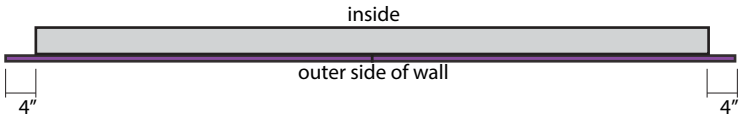


cut from:

= 2″x4″x8′ (actual = 1.5″x3.5″x8′)

END WALL LEFT SEGMENTS
framing





cut from:

= 2″x4″x8′ (actual = 1.5″x3.5″x8′)

= Engineered siding (96″x48.5″)

END WALL LEFT SEGMENTS
siding

7 = 2″x4″x8′ (actual = 1.5″x3.5″x8′)

2 = 3/8 plywood

WALL FRAME

1x 92.25″ long edge (8 degree bevel)

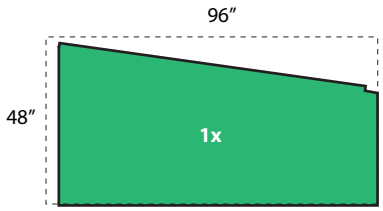
1x 89.75

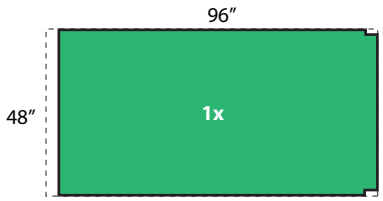
1x 89″

1x 86″ long edge (8 degree bevel)

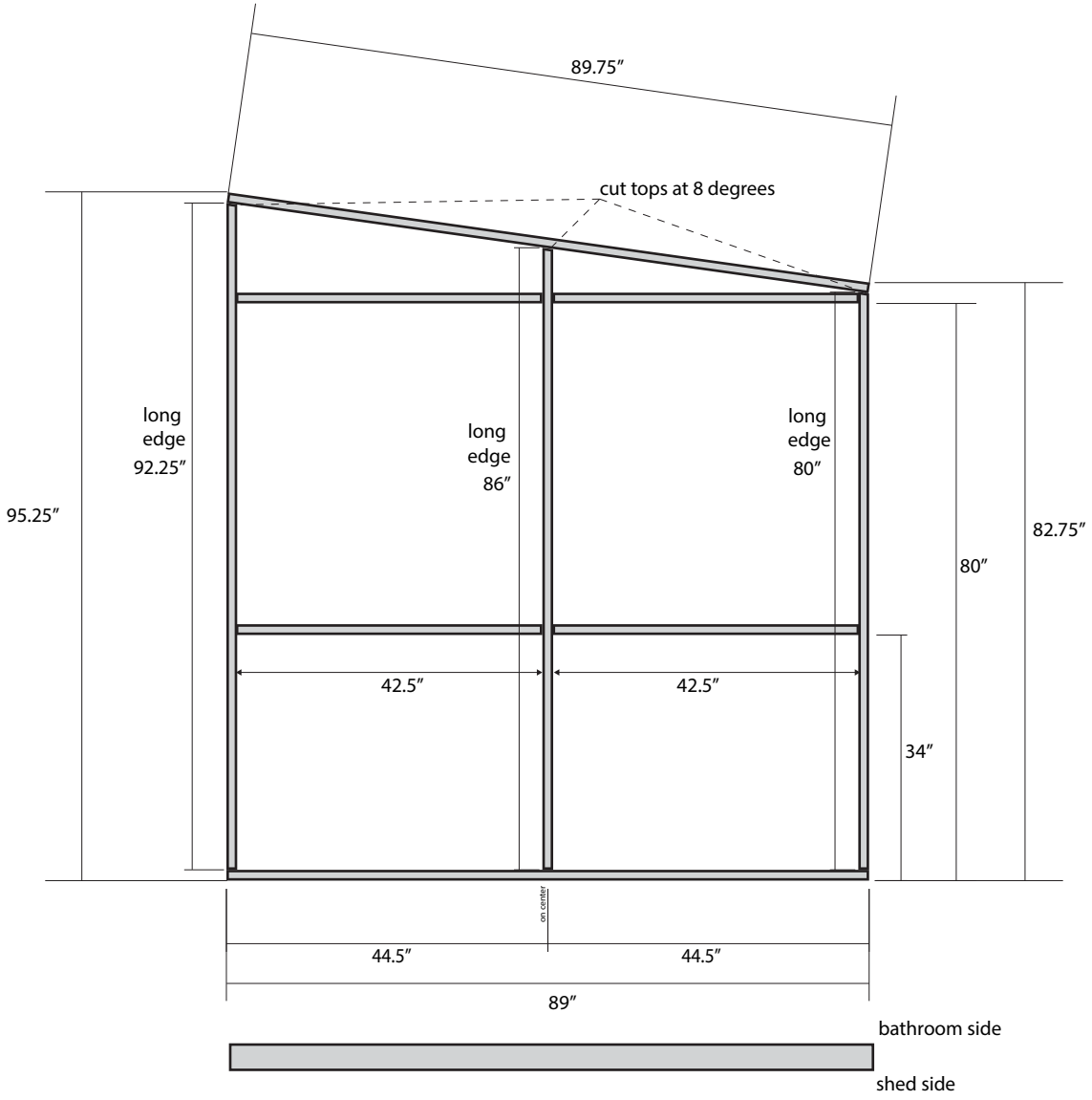
1x 80″ long edge (8 degree bevel)

4x 42.5″





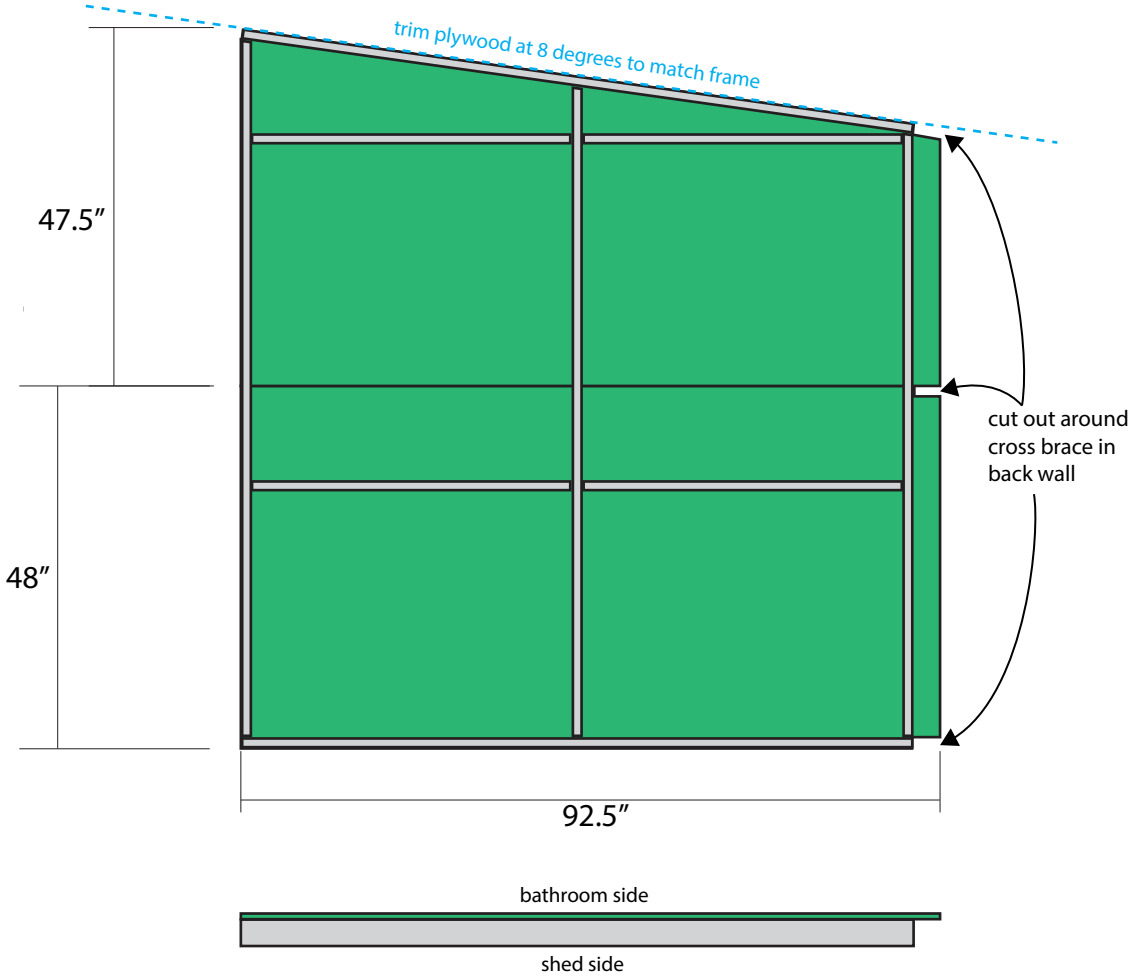
MID WALL SEGMENTS
part list



cut from:

= 2″x4″x8′ (actual = 1.5″x3.5″x8′)

MID WALL SEGMENTS
framing



cut from:

= 2″x4″x8′ (actual = 1.5″x3.5″x8′)

= 3/8 plywood

MID WALL SEGMENTS
interior plywood

8 = 2″x4″x**12**′ (actual = 1.5″x3.5″x12′)

7 = 2″x4″x8′ (actual = 1.5″x3.5″x8′)

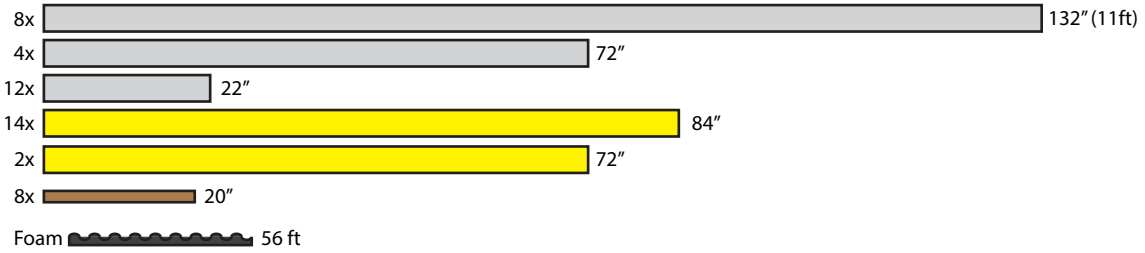
16 = 1″x4″x8′ (actual = .75″x3.5″x8′)

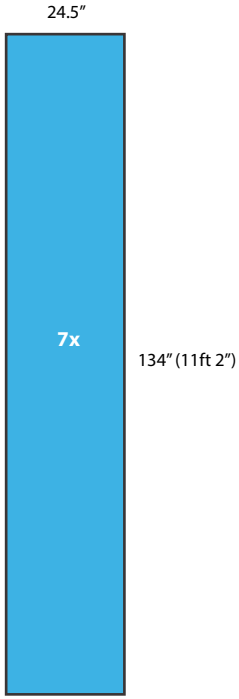
2 = 1″x2″x8′ (actual = .75″x1.5″x8′)

7 = Roof Panels 2′x12′

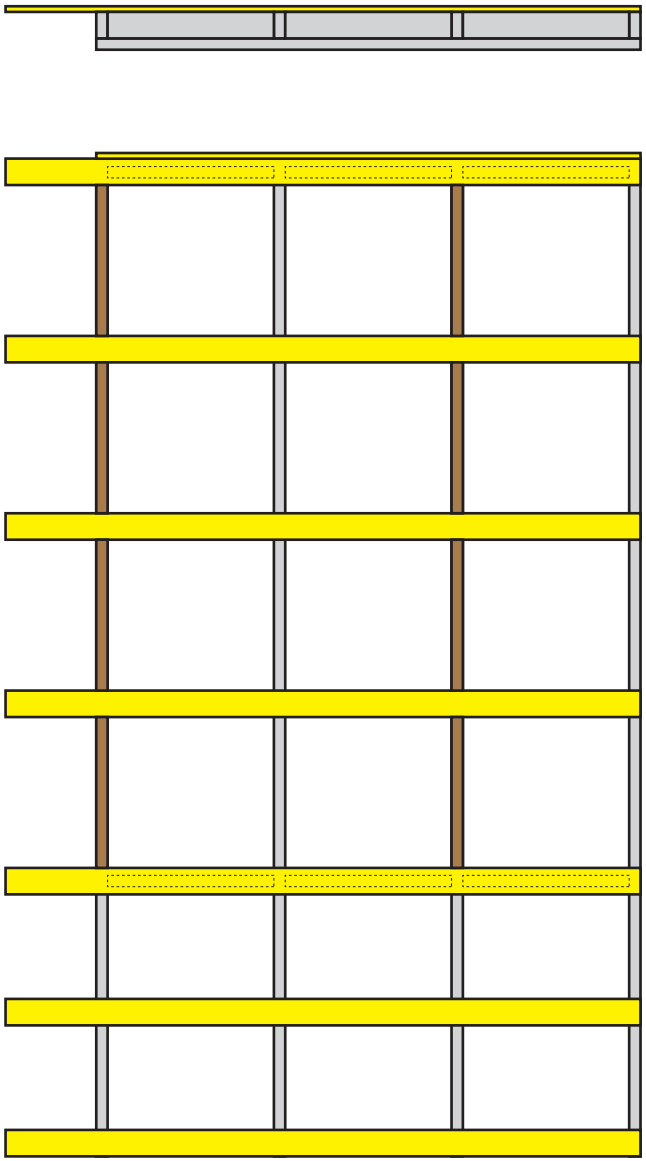
NOTE: The roof can either be assembled on the ground and hoisted into place or built in place. If building on the ground you may not need to cut one of the panels in half lengthwise. This was suggested for easier instalation if adding roof panels from a ladder.

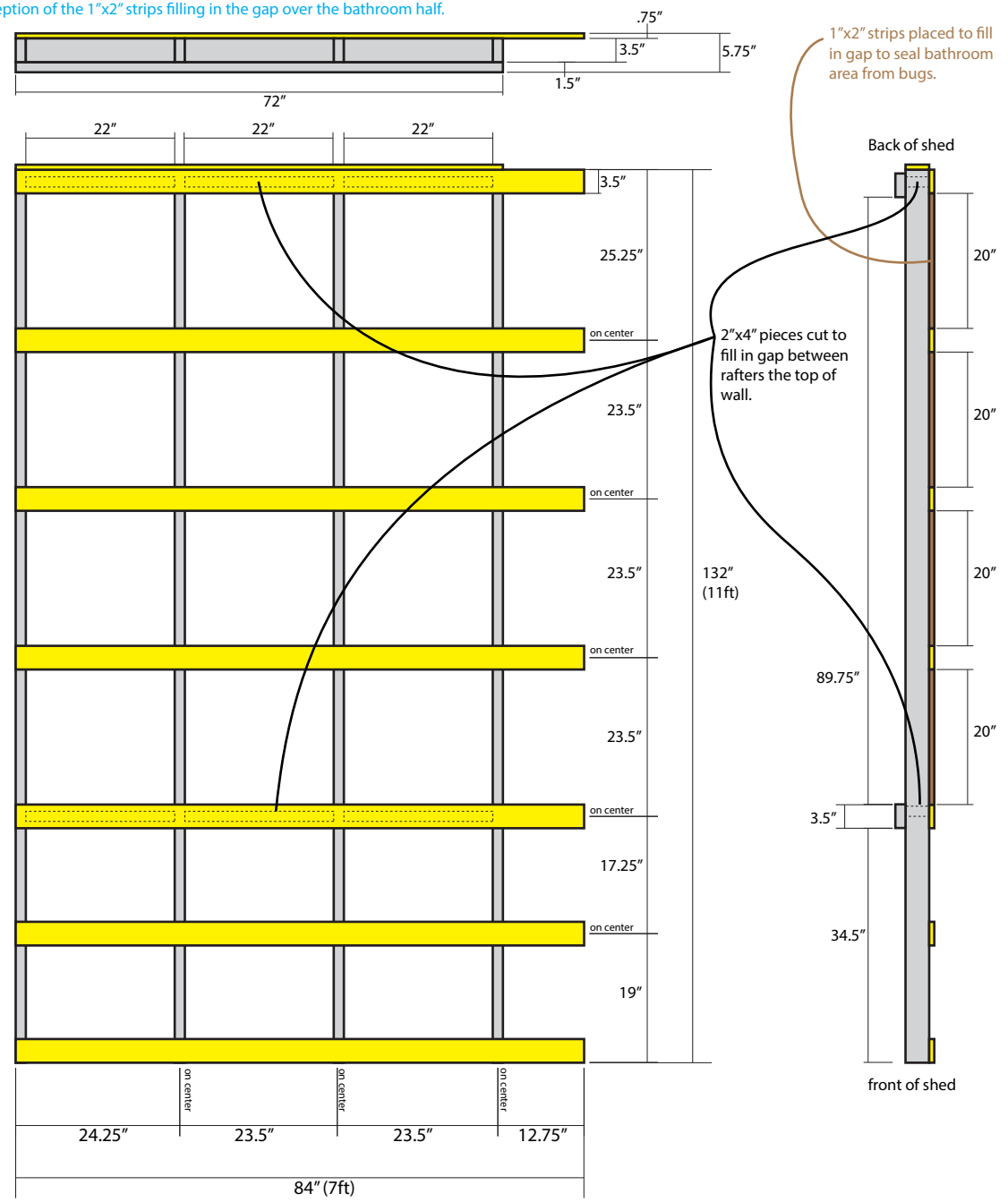
ROOF FRAME





Roof is in 2 pieces and mirror images of each other with the exception of the 1"x2" strips filling in the gap over the bathroom half.





cut from:

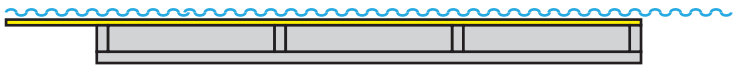
= 2"x4"x8' (actual = 1.5"x3.5"x8') & 2"x4"x12' (actual = 1.5"x3.5"x12')

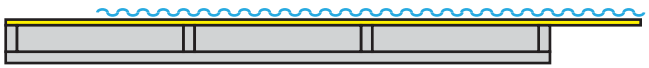
= 1"x4"x8' (actual = .75"x3.5"x8')

= 1"x2"x8" (actual = .75"x1.5"x8')

ROOF SEGMENTS
framing

Roof is in 2 pieces and mirror images of each other with the exception of the 1"x2" strips filling in the gap over the bathroom half.

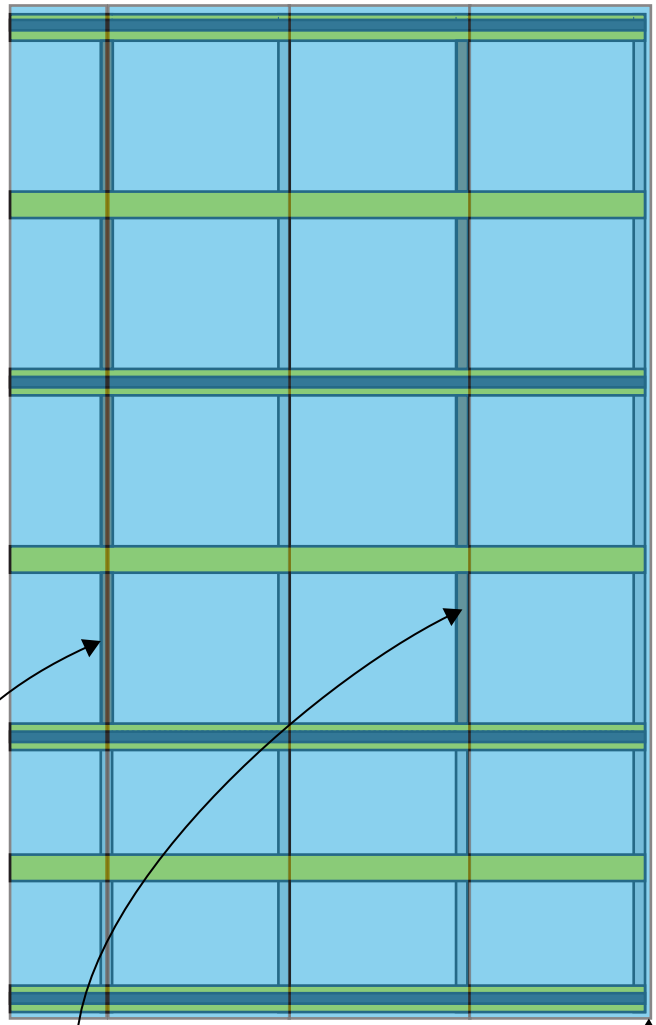


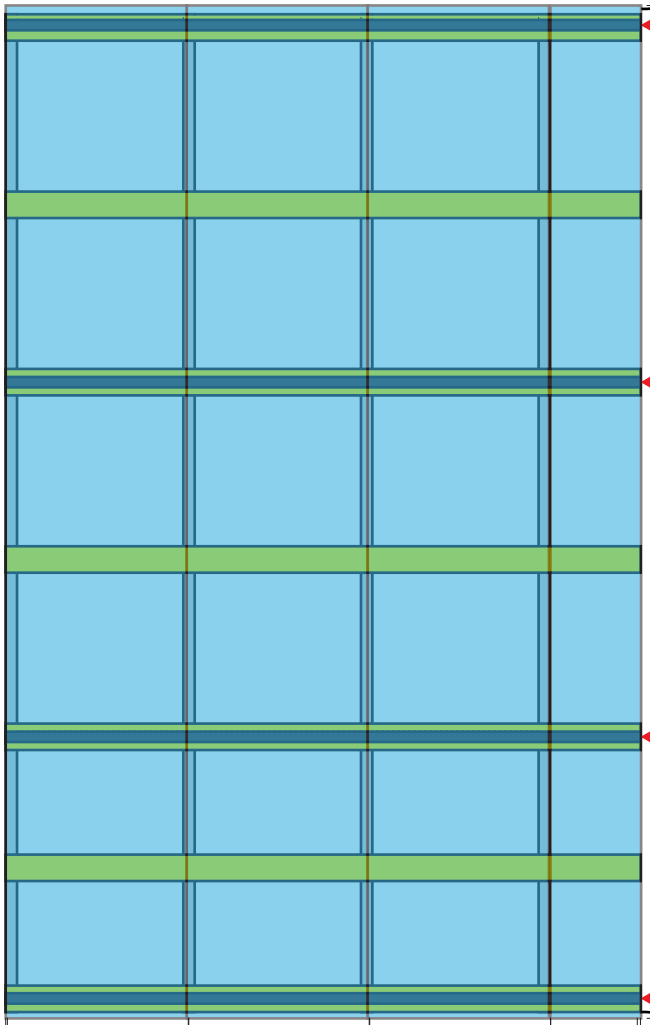


Foam wave support strips should be placed under plastic roof panel at every other cross piece.

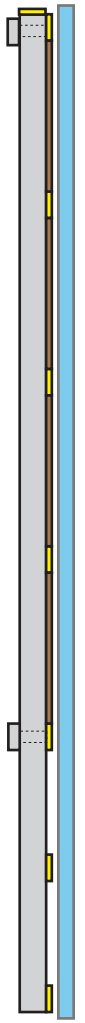
1" overhang

Back of shed





134"



front of shed

If possible, troughs of roof panel wave should be aligned with rafters at either side of bathroom space to help seal it from bugs.

1" overhang

24" 24" 24"

84" (7ft)

leave small overhang to overlap next roof panel

cut one panel in half and use on outside ends

cut from:

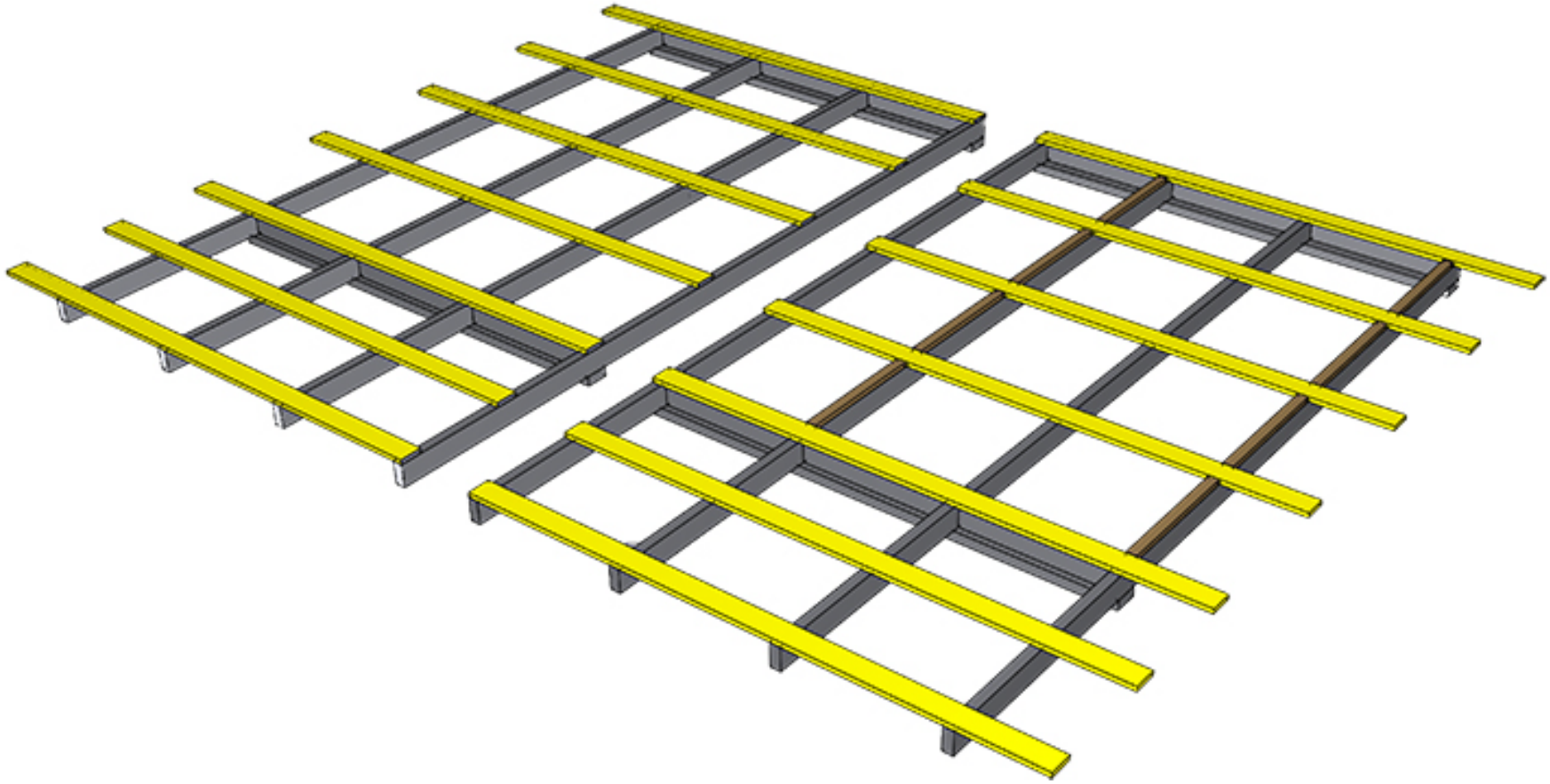
= 2"x4"x8' (actual = 1.5"x3.5"x8') & 2"x4"x12' (actual = 1.5"x3.5"x12')

= 1"x4"x8' (actual = .75"x3.5"x8')

= roof panel

= Foam wave strip

ROOF SEGMENTS
Roof Panels



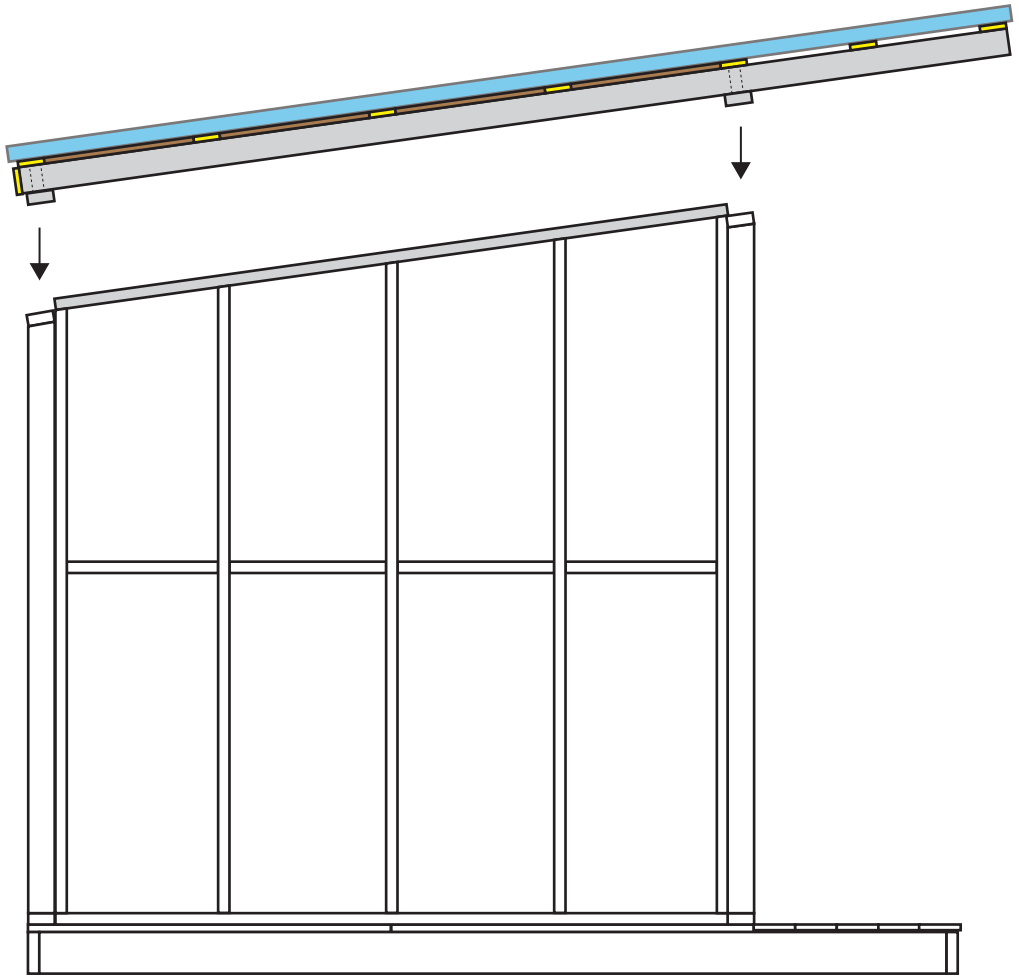
cut from:

= 2″x4″x8′ (actual = 1.5″x3.5″x8′)

= 1″x4″x8′ (actual = .75″x3.5″x8′)

= 1″x2″x8″ (actual = .75″x1.5″x8′)

ROOF SEGMENTS
framing



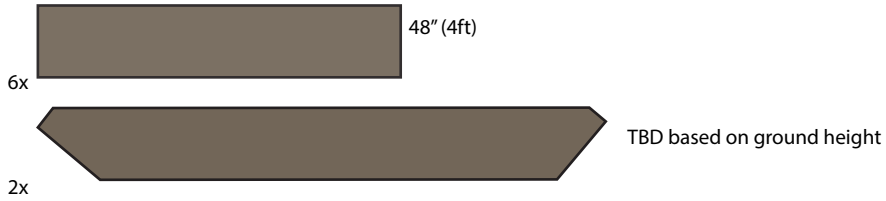
ROOF SEGMENTS
placement

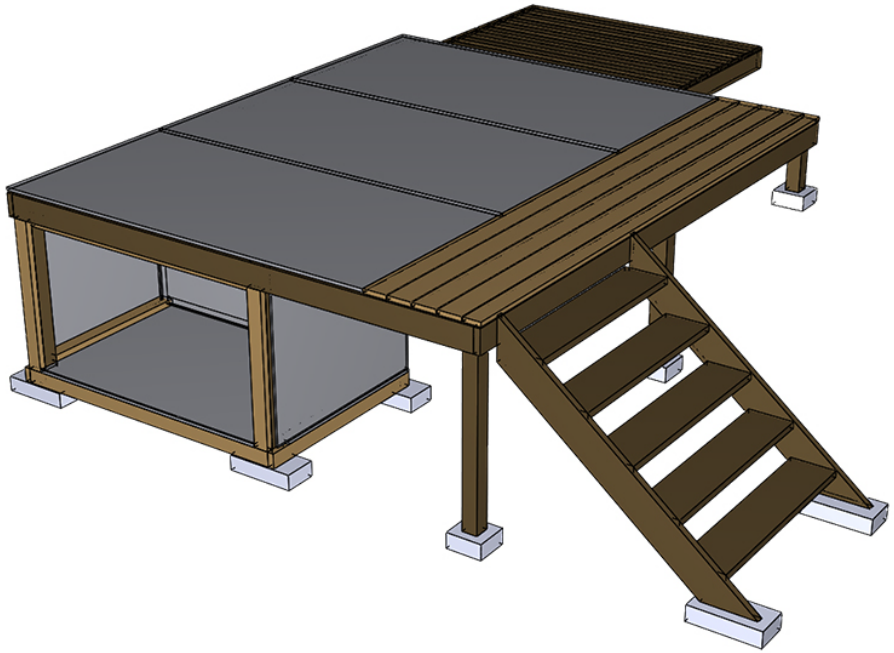
Platform Stairs

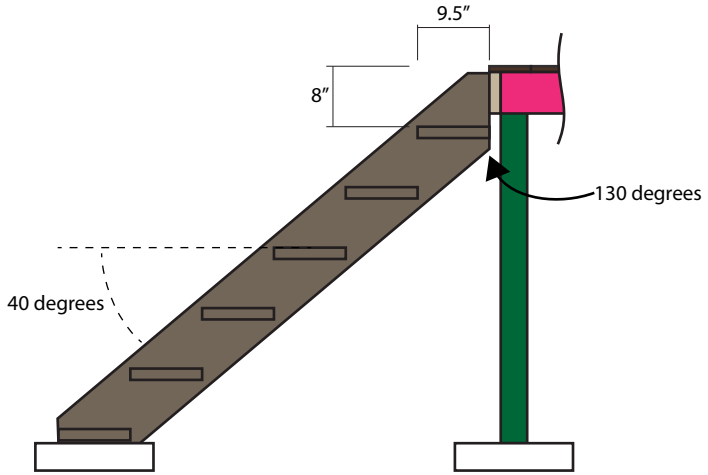
5 = 2”x10”x8’ (actual = 1.5”x9.5”x8’)

NOTE: topography may change how many steps you will need. Adjust as needed. (for example, our instalation of this shed only required 3 steps due to angle of ground)

STAIRS







cut from:

= 2″x10″x8′ (actual = 1.5″x9.5″x8′)

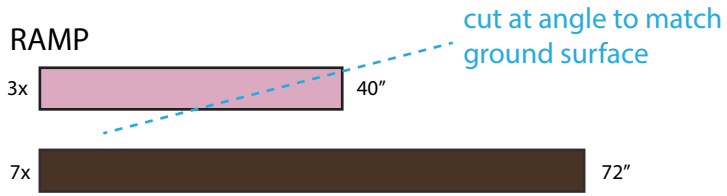
SHED PLATFORM
Stairs - framing

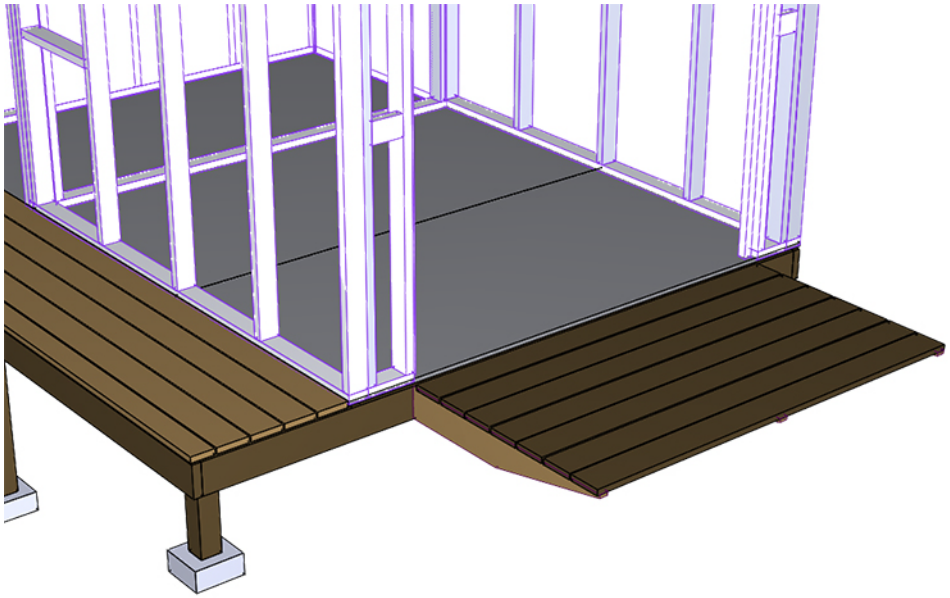
Platform Ramp

1 = 2″x6″x10′ (actual = 1.5″x5.5″x10′)

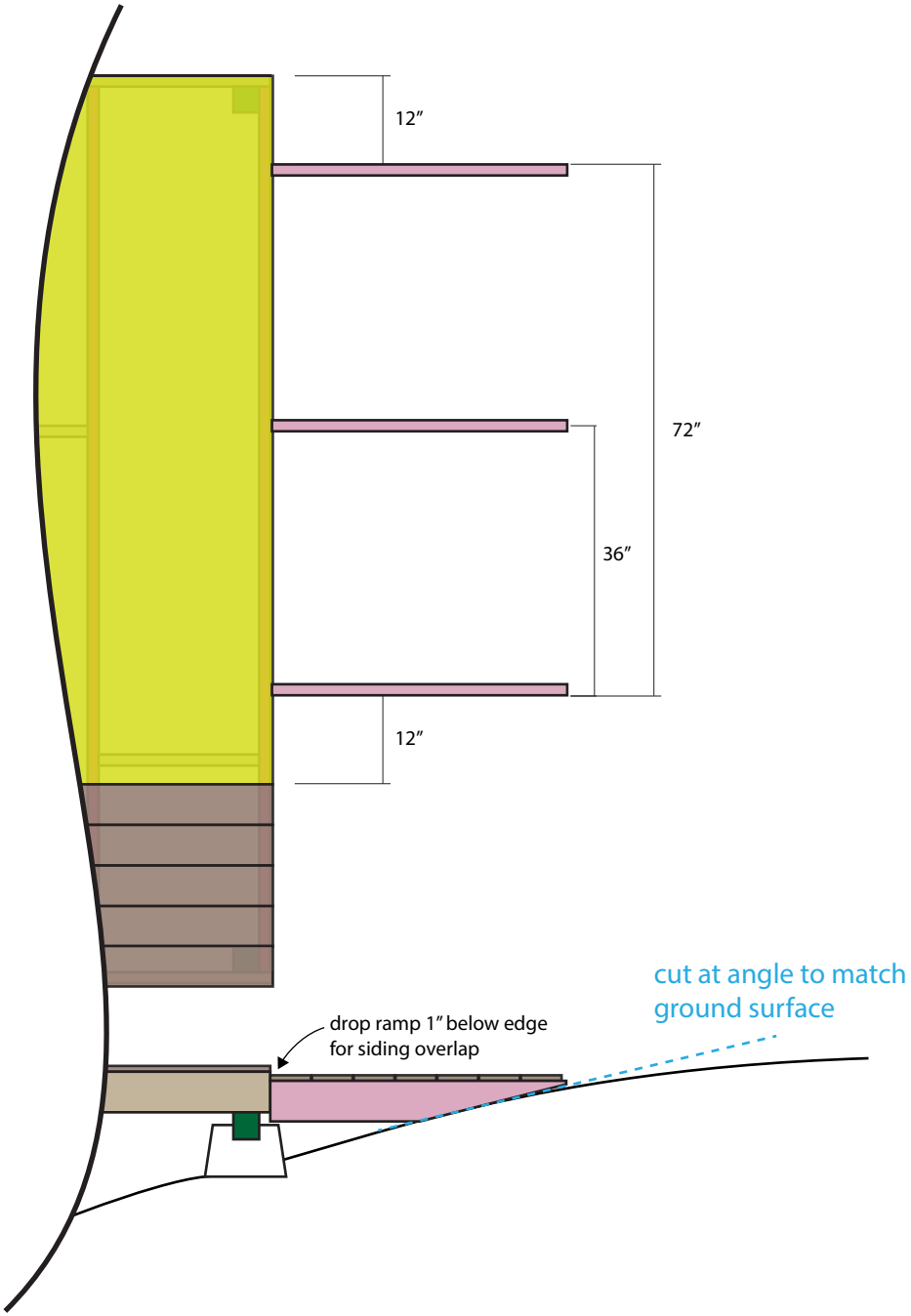
3.5 = 1″x6″x12′ (actual = .75″x5.5″x12′)

NOTE: Topography may change the length of your ramp. Adjust as needed.

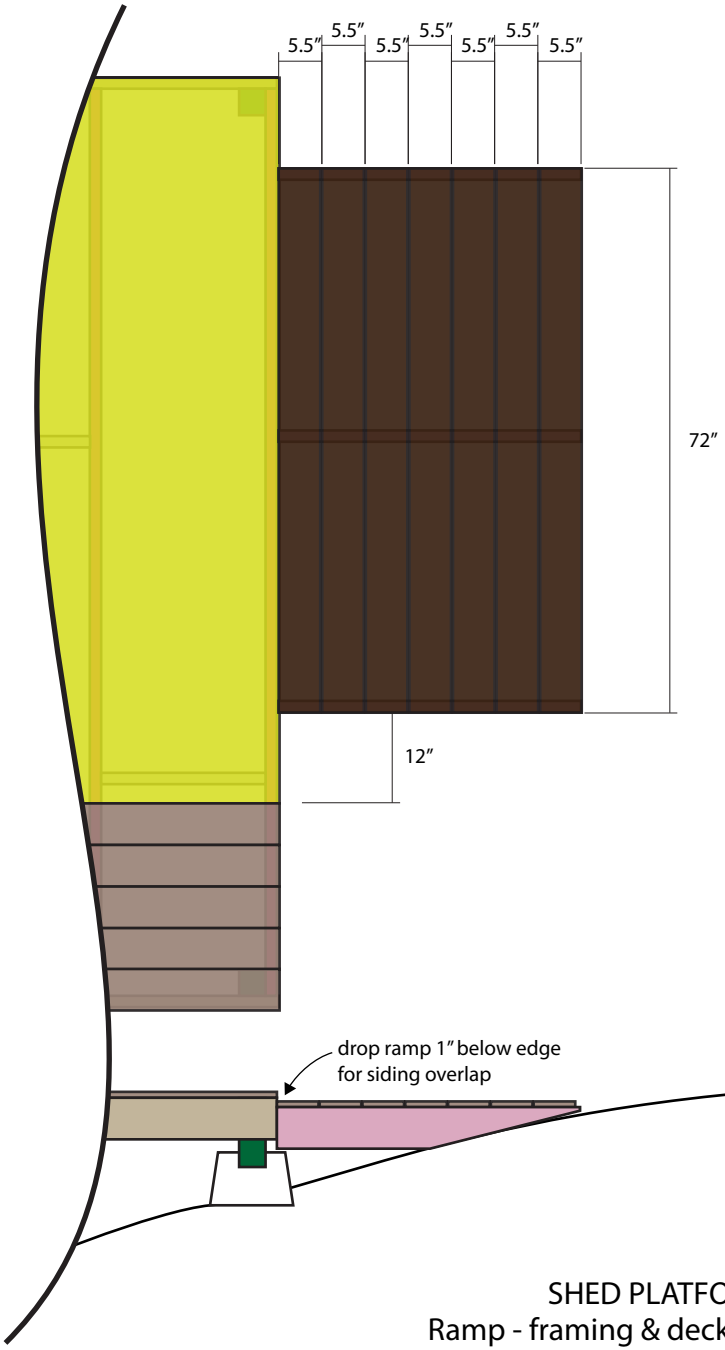




FRAMING



DECKING



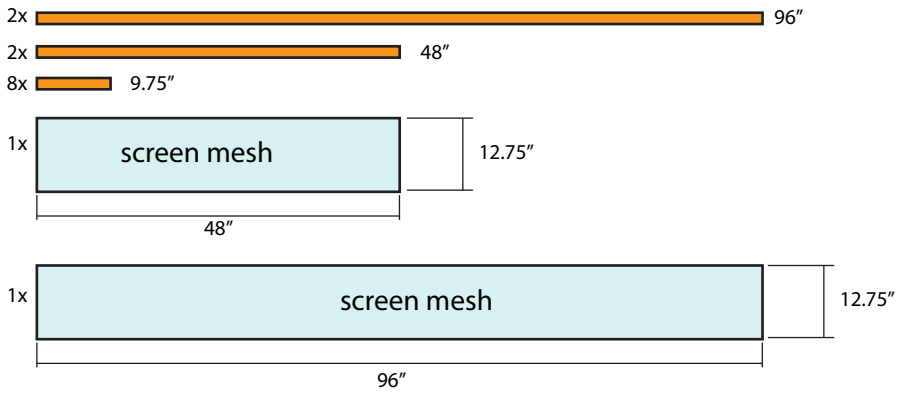
SHED PLATFORM
Ramp - framing & decking

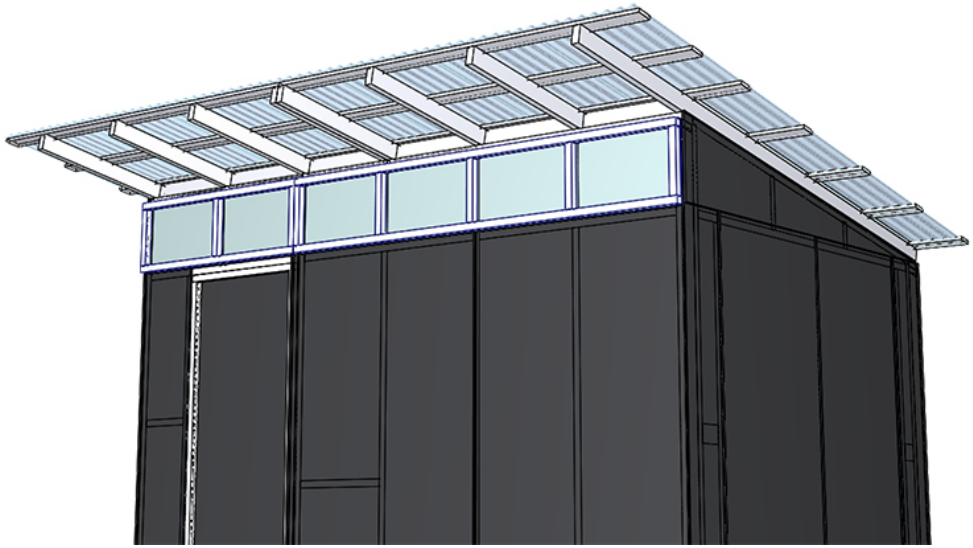
Screen Windows

4 = 2″x2″x8′ (actual = 1.5″x1.5″x8′)

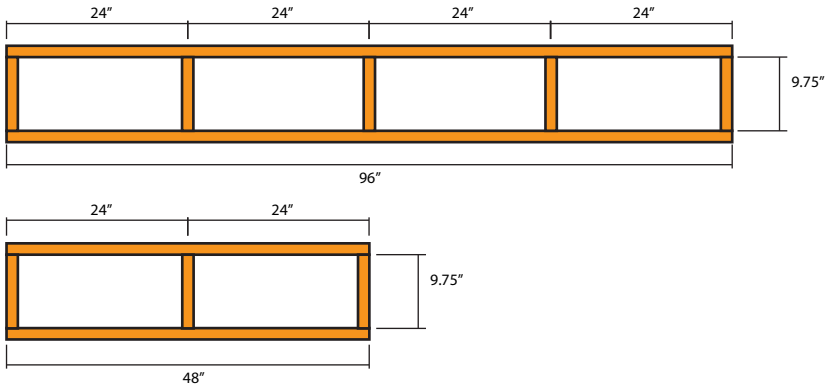
= screen roll
(enough to cover 13″x144″)

SCREENS

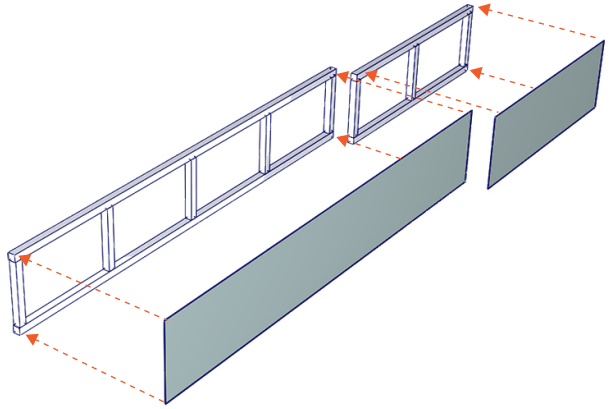


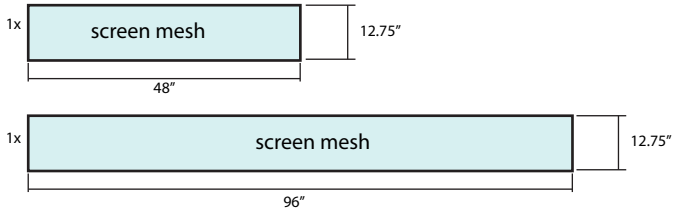


1 Build frames from 2″x2″.

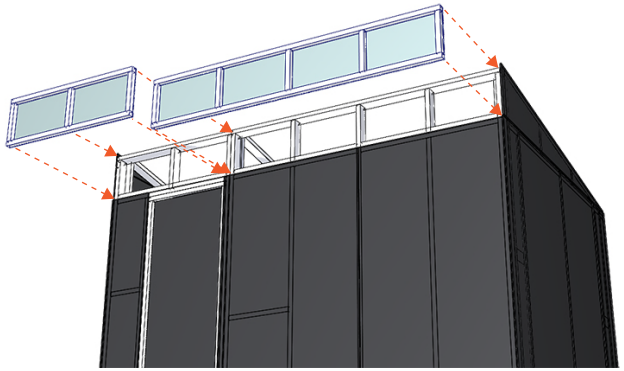


2 Staple screen to back of frame and trim off excess screen.





3 Attach frames top top part of front wall.



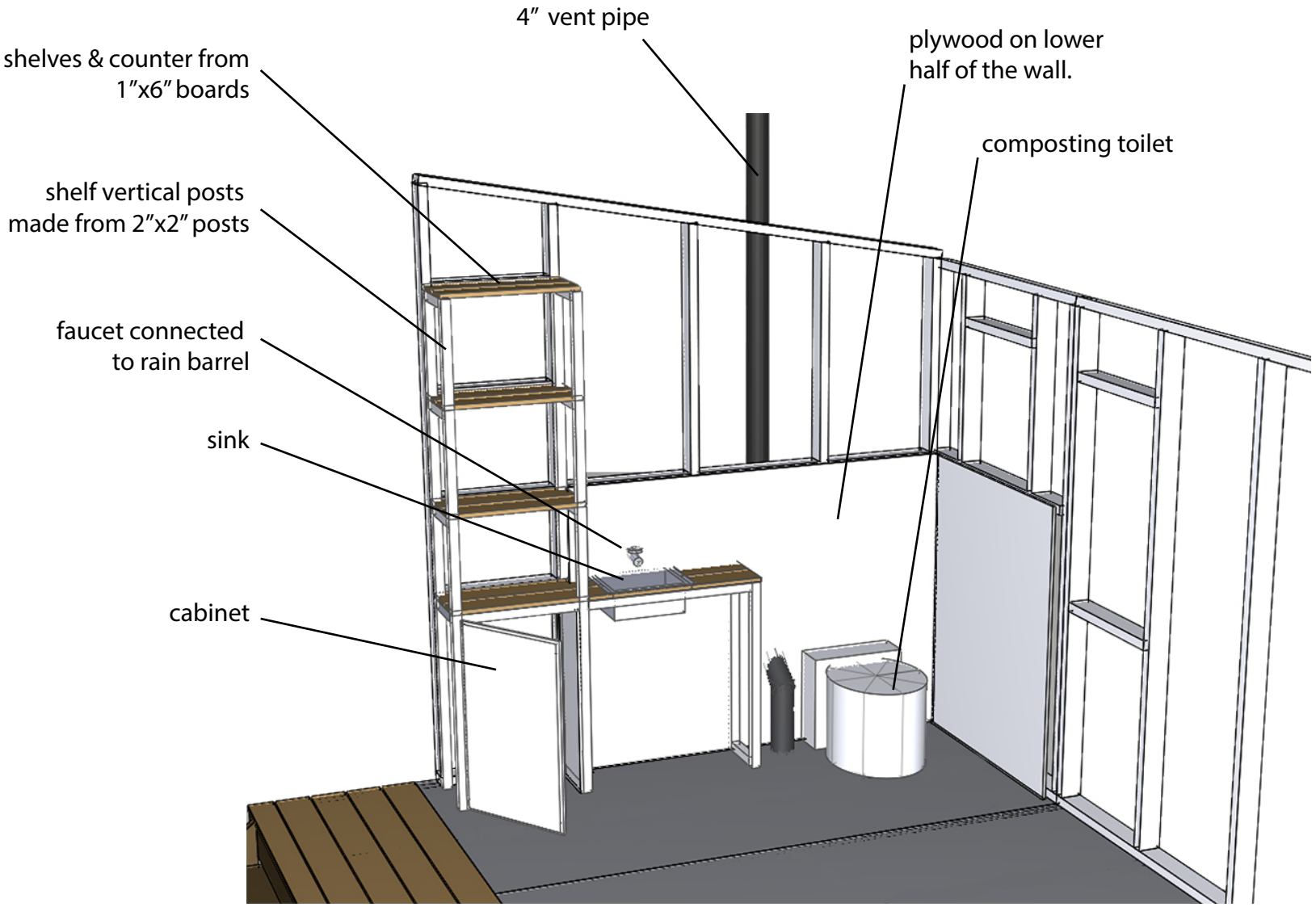
cut from:

= 2″x2″x8′ (actual = 1.5″x1.5″x8′)

= screen mesh

FRONT WALL
Screen Window - assembly

Interior Bathroom Layout



Storage Layout