



**20x24  
Barn  
Shed Plan**



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## Introduction

Thanks for downloading the 20x24 Barn Shed Plan! We hope that both the building process and the final, complete project make a great addition to your home or business.

Before beginning, make sure to read over the entire plan to get a feel for the project and add up and compile all the materials that will be needed. If you have any questions, feel free to send off an email. Don't forget to reference the below points before and during the build too.



## Before You Swing That Hammer:

Construction Tips & Guide



### Screwing & Nailing:

- Use two screws/nails to connect 2x4s together, three screws/nails for 2x6s, etc.
- Use two, 2" decking screws 3/4" away from the edges to attach 5/4" decking.
- Use two 1/2" carriage bolts to attach any 4x4 posts to a joist.
- Screw/nail every 6" along the edges and every 12" in the "field" to attach plywood.
- Toe screwing may also be needed to attach some joints together.
- We recommend using screws over nails as it secures the building materials together more effectively.
- Use our ["How to Frame"](#) page for a more detailed and comprehensive set of framing instructions.



Many hardware stores offer a lumber delivery service and a bulk purchase discount, which we encourage you to take full advantage of to save time, money and hassle. Paint, hardware, roofing materials and other accessories can also be bought at this time.

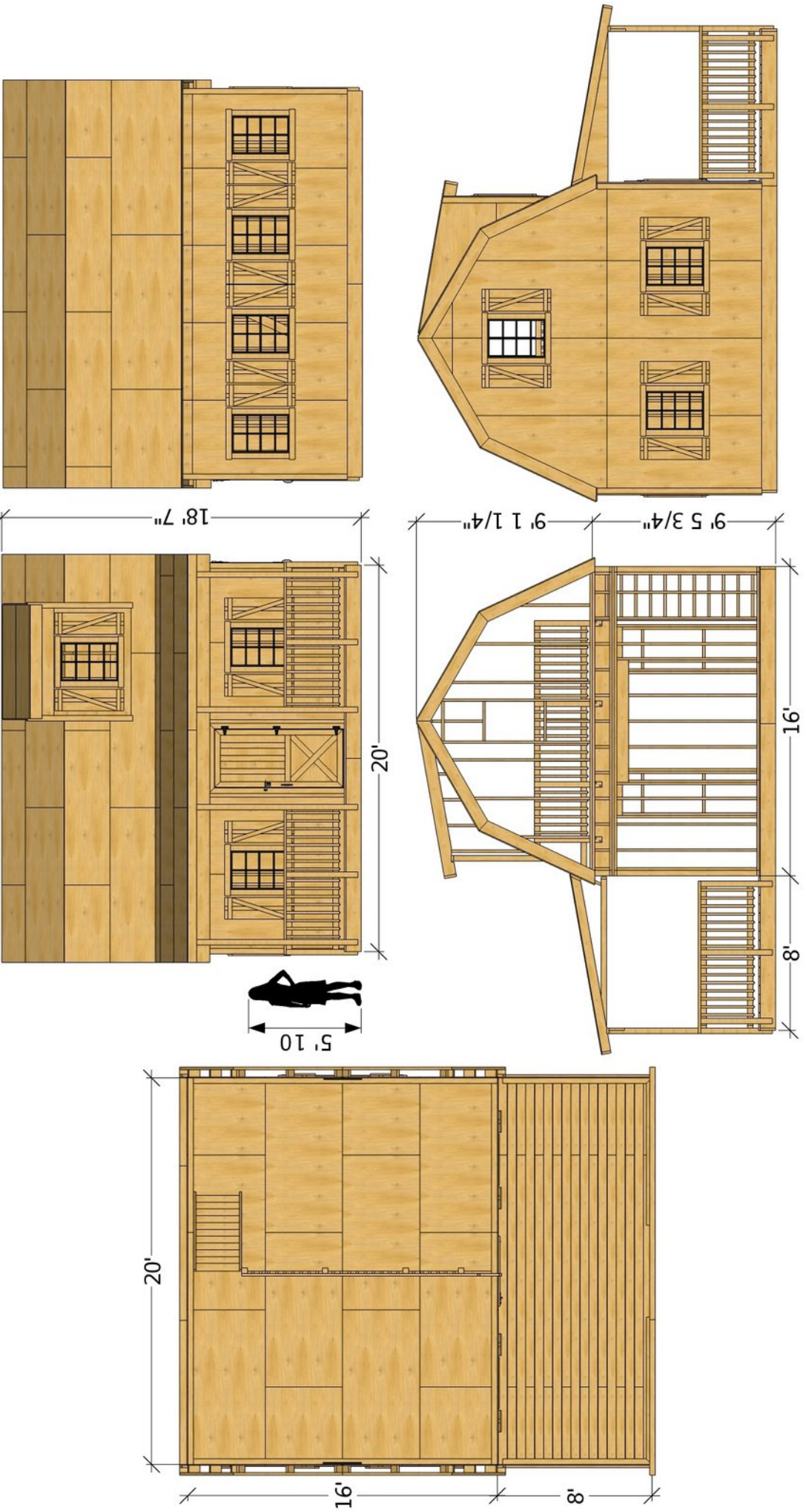


See the [How to Build a Shed](#) page for a outline for laying the foundation, joists, walls, siding and roofing.



If the project will not be on ground posts, the structure should be built on a flat, level grade that is slightly larger than the footprint's dimensions. Regrading may be necessary to achieve level ground. This area should also be at least 6' from any other structure or obstacle.

- For the structure's foundation, 4x4s, concrete blocks or anchored ground posts with support beams can be used to keep the project level and off the ground. Building the structure on in-ground posts & beams, or on an [Island deck](#) of equal size is the most secure recourse and the method we recommend.
- When building, make sure all the framing is square. You can achieve this by cross measuring the corners to see if they're equal, or use the [3,4,5 rule](#).
- Be advised that if an exact 8', 10', 12' or 16' piece is required, you may still need to cut it as they can vary in length by up to an inch.
- [Cross bracing](#) with wood or cable can be used to help stiffen up a platform and prevent it from wobbling.
- Make sure to paint or stain all the exterior lumber to keep it safe from the rain and other elements. All exterior framing and decking material should be pressure treated or intended for the outdoors.
- Be sure to check out our shed & playhouse [Accessories page](#). There, you will find the correct sized windows, slides, as well as other play attachments for your project. Note that if your deck height doesn't exactly match an available slide height, opt for the next largest size.
- If you are thinking about incorporating a tree into your shed design, be sure to check out [TreehouseSupplies.com](#) for treehouse hardware, kits, zip-lines and other accessories.
- For areas that use the metric system: **1" = 2.54cm** | **1' = 30.48cm**
- Look over PaulsSheds.com's [FAQ](#) page for many other types of inquiries.
- Don't forget to send your finished project photos to our facebook page or e-mail. We would love to add your project to our website and social media pages for others to see and enjoy! You can also leave a review for individual plans on our website too.





# Hardware List

### Screws:

**20 lbs** [GRK 3" R4 Screws](#)

**25 lbs** [GRK 2" R4 Screws](#)

**Optional** [GRK 4" RSS](#)

### 1/2" Bolts:

**40** 6" Carriage Bolts

**40** Washers

**40** Lock Washers

**40** Nuts

### Mis:

**9** Large Gate Hinges

**3** Shed Door Latch

**30** Hurricane Ties

**64** Rafter Nail Plates

### Windows:

**11** 2' x 3' Windows



# Tools

[Pencils](#)

[Hammer \(20oz\)](#)

[Measuring Tape](#)

[Speed Square](#)

[Circular Saw](#)

[Drill & Impact Driver](#)

[Hand Saw](#)

[Sander](#)

(optional)

(optional)

[Jig Saw](#)

[Miter Saw](#)

[Chalk Line](#)

[Reciprocating saw](#)

(optional)

(optional)

(optional)

(optional)



# Lumber List

### Decking:

**9** 5/4" x 6" x 8'

**1** 5/4" x 6" x 12'

**17** 5/4" x 6" x 16'

### Framing:

**122** 2" x 4" x 8'

**35** 2" x 4" x 10'

**2** 2" x 4" x 12'

**14** 2" x 4" x 16'

**6** 4" x 4" x 8'

**4** 4" x 4" x 10'

**6** 2" x 10" x 8'

**6** 2" x 10" x 8'

**6** 2" x 10" x 8'

**32** 2" x 10" x 8'

**7**

### Framing:

**5** 2" x 6" x 8'

**23** 2" x 6" x 10'

**1** 2" x 6" x 12'

**81** 2" x 8" x 8'

**4** 2" x 8" x 10'

**2** 2" x 8" x 12'

**2** 2" x 12" x 10'

**9** 2" x 12" x 16'

### Trim:

**28** 1" x 4" x 8'

**9** 1" x 4" x 10'

**14** 1" x 4" x 12'

**20** 1" x 6" x 12'

### Mis. Framing:

**1** 4' x 8' x 1/2" Plywood

**72** 4' x 8' x 5/8" Plywood

**3** 4' x 8' x 3/4" Plywood

**90** 2" x 2" x 36" Balusters



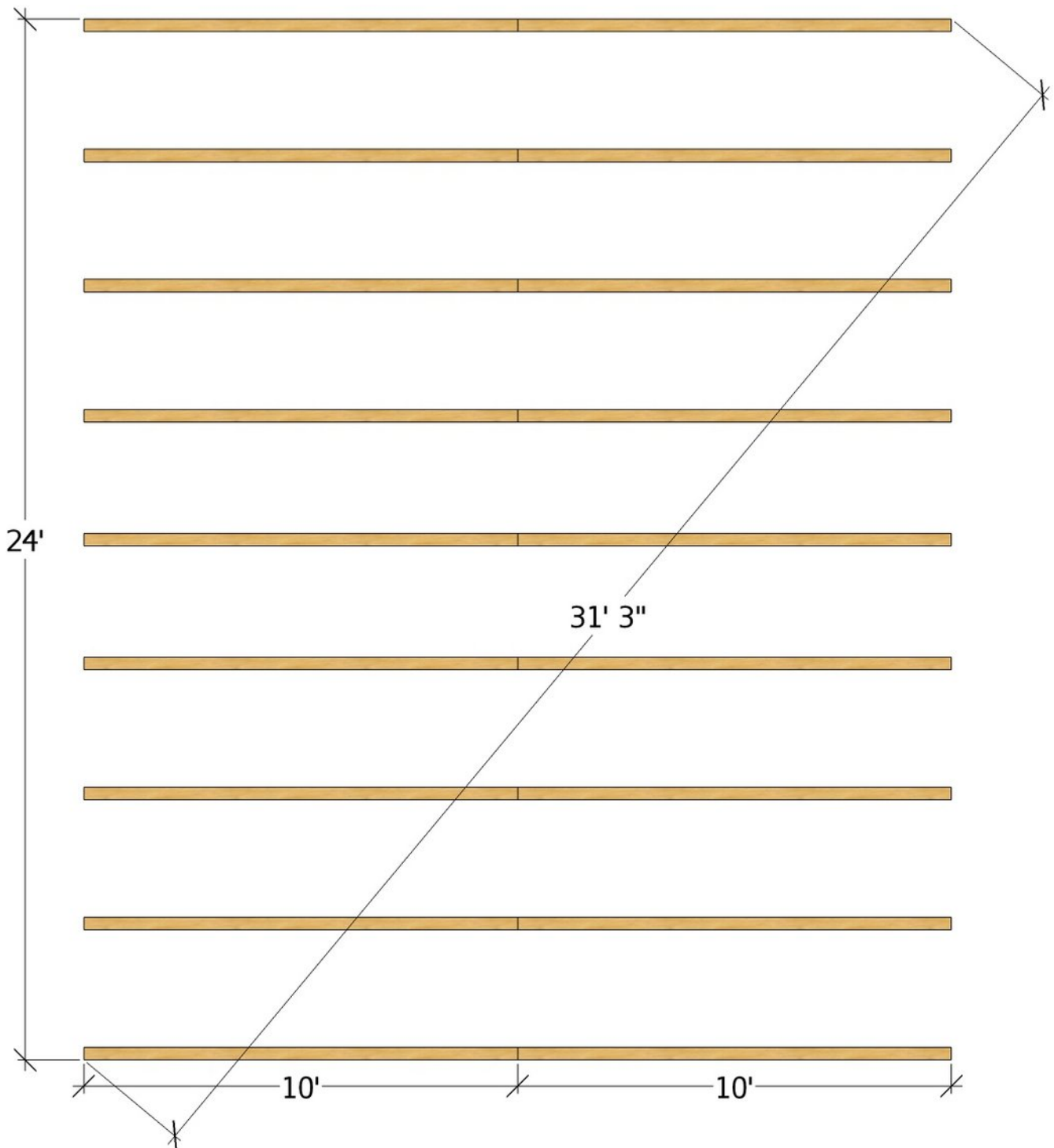
# Roofing

The total roofing area is **700** square feet. Generally, account for a 5-10% waste factor when buying roofing material. If asphalt shingles are being used, see the packaging for determining how much to purchase and installation instructions.

# 1

## Laying a 4x4 or Post & Beam Foundation (Optional)

One of the most common and inexpensive shed foundations are wood rails. Lay out (18) 4x4x10s as depicted in the below illustration. All should be parallel to each other, as well as square and level. Use a straight 2x4 and a 4' level to check for level in both width and depth dimensions. Some digging and modest excavating is usually required to achieve this.

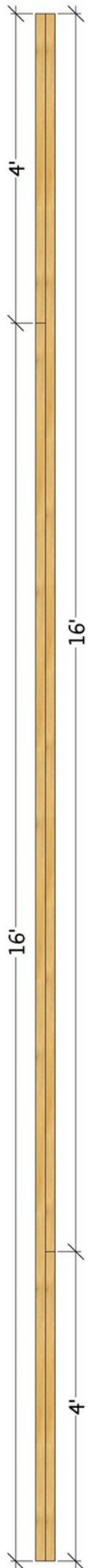
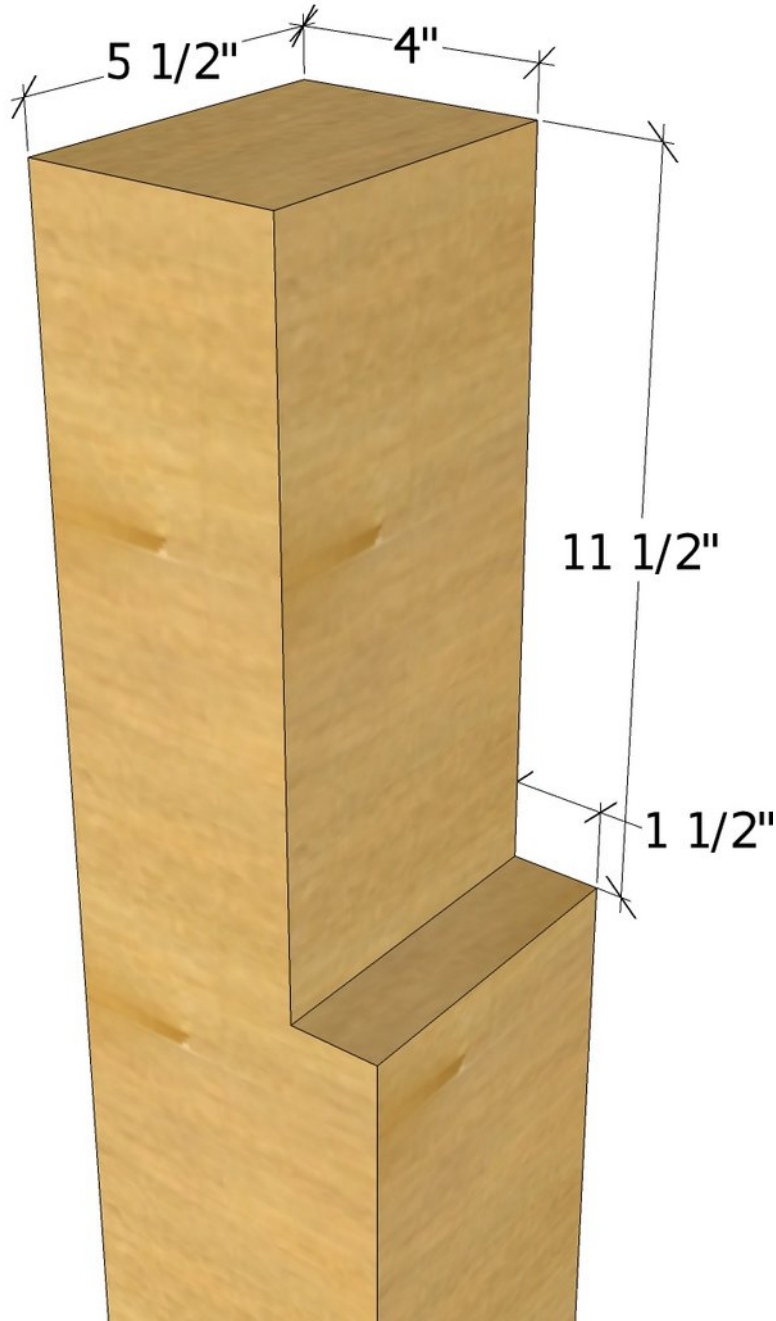


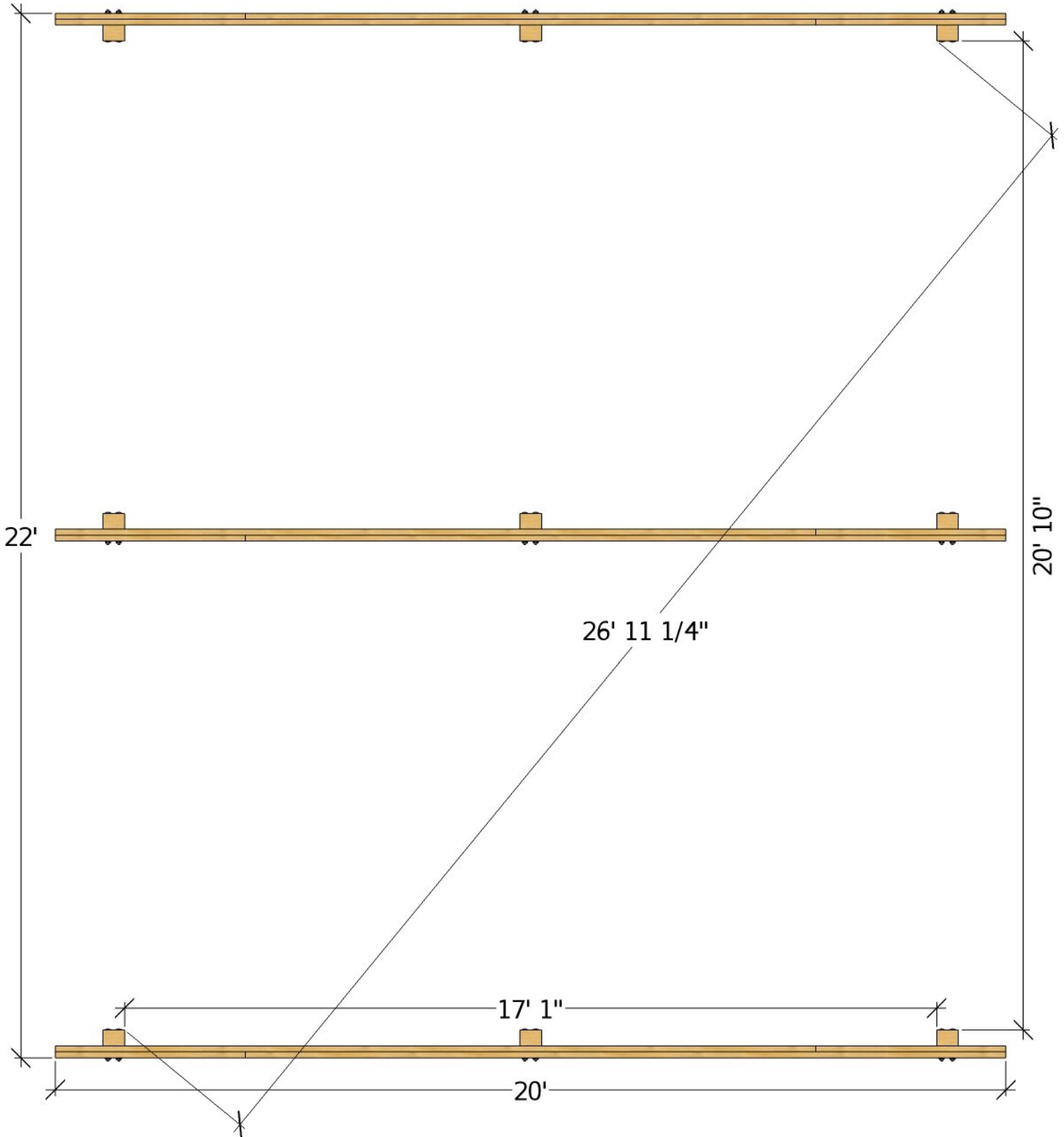


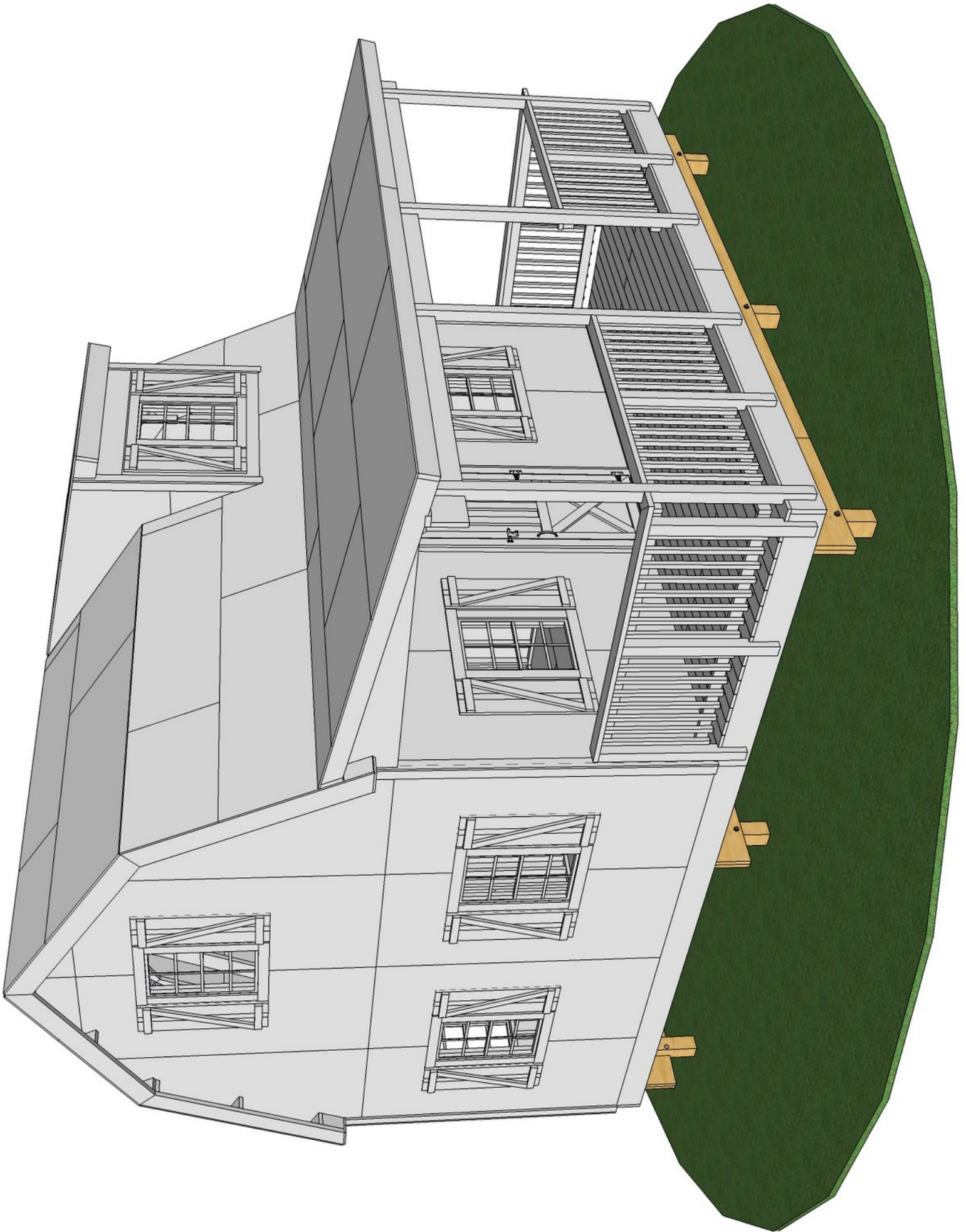
Another foundation method is using posts and beams. This method is better suited for more uneven grades where excavating is less practical. Use six 2x12x16s and three 2x12x8s to make three of the beam depicted in the right illustration. The beam should have six 3" screws holding it together every 18".

If the grade isn't too steep, nine 6x6x8s can be used for the posts. Check with your local guidelines for how deep a hold should be dug. All nine posts should have a notch similar to the one depicted below at the same level.

The nine posts and three beams should be laid out as depicted on the next page. The front and back of the shed will overhang the bottom and top beams by one foot. Each post should have two 5/8" or 3/4" carriage bolts holding the beam in place.







# 2

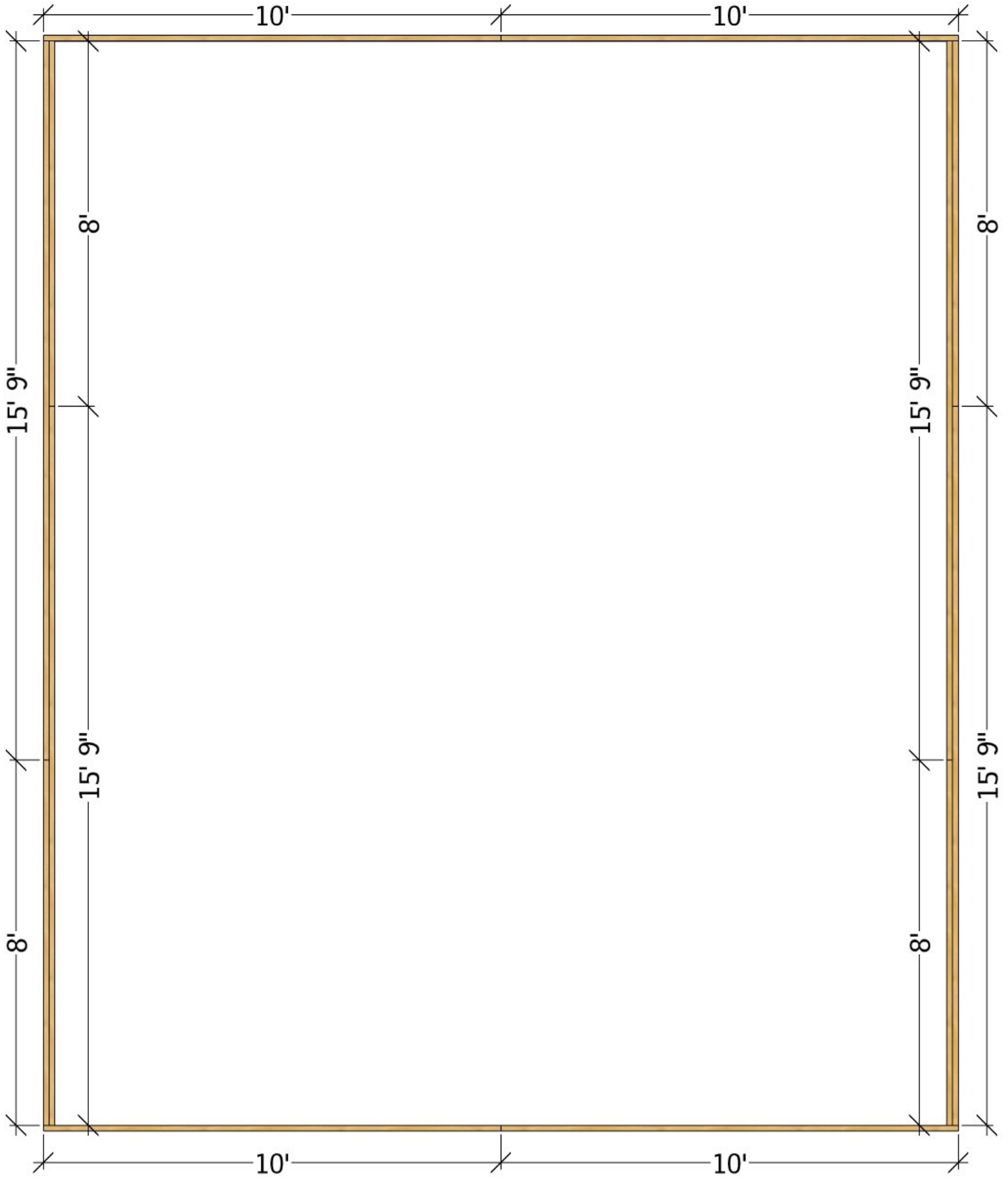
## Framing the 1<sup>st</sup> Level Floor Joists

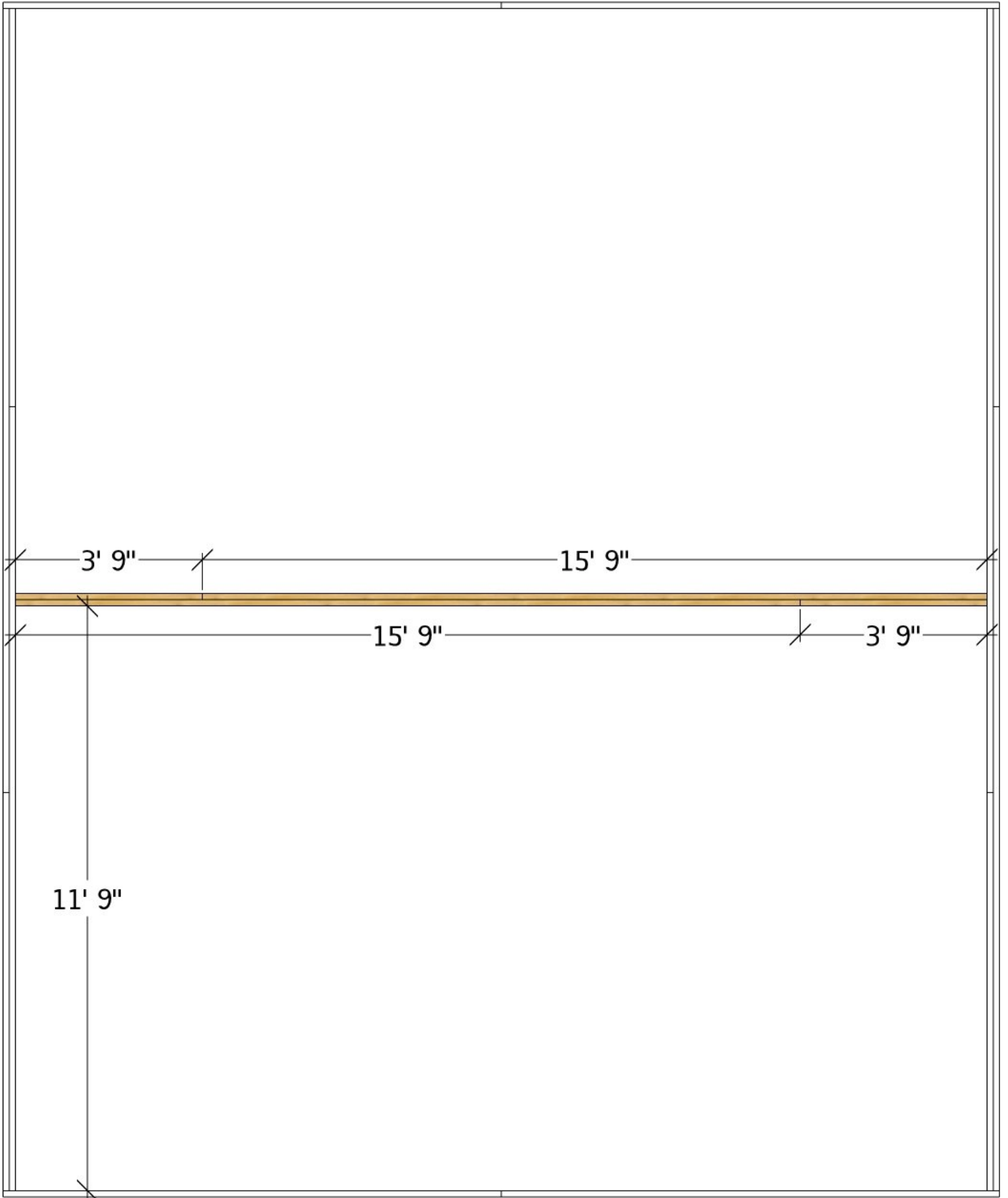
From (4) 2x10x8s, (4) 2x10x10s and (4) 2x10x16s, construct the box unit depicted on the next page. The two doubled joists should be screwed together with 5 screws every 18". The butt joint where the two 10' pieces connect can be temporarily toe screwed together to hold them in place until the additional joists are installed on page 16.

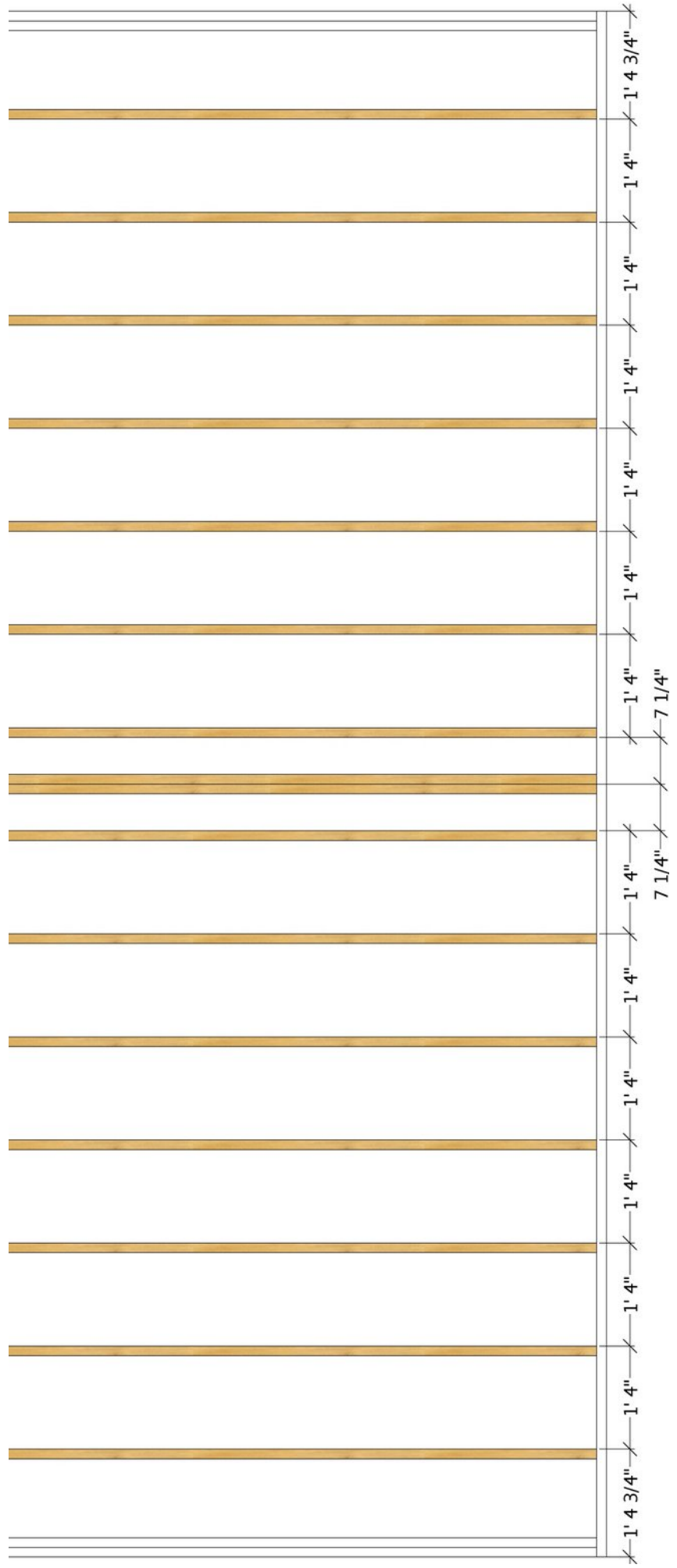
From (1) 2x10x8 and (2) 2x10x16s, add the doubled middle joist to the previous unit as depicted on page 14.

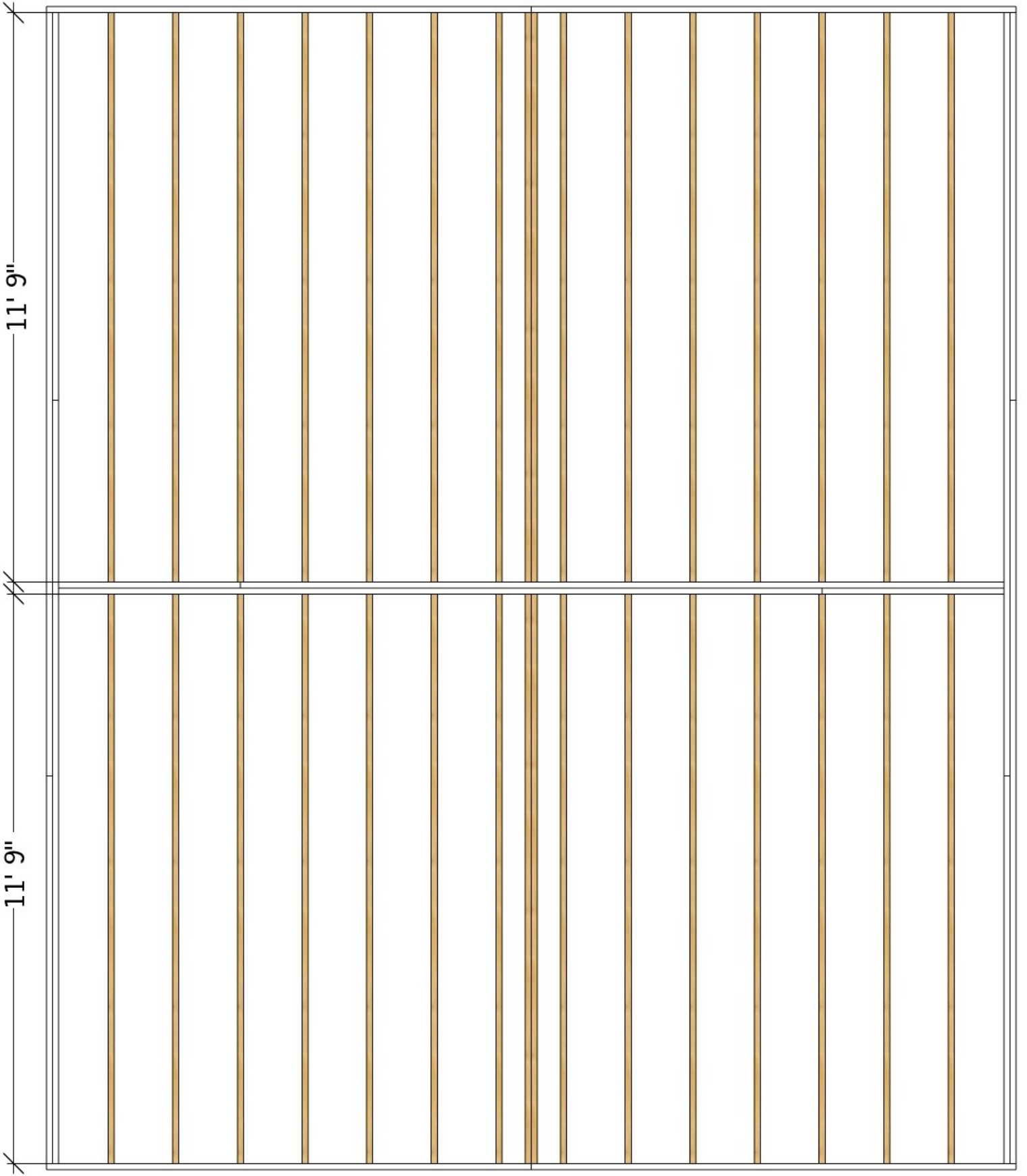
From (32) 2x10x12s, fill in the common joists to the previous unit as depicted on page 15 and 16.

After double checking to see that the completed joist box is square, it should resemble the illustration on page 17.

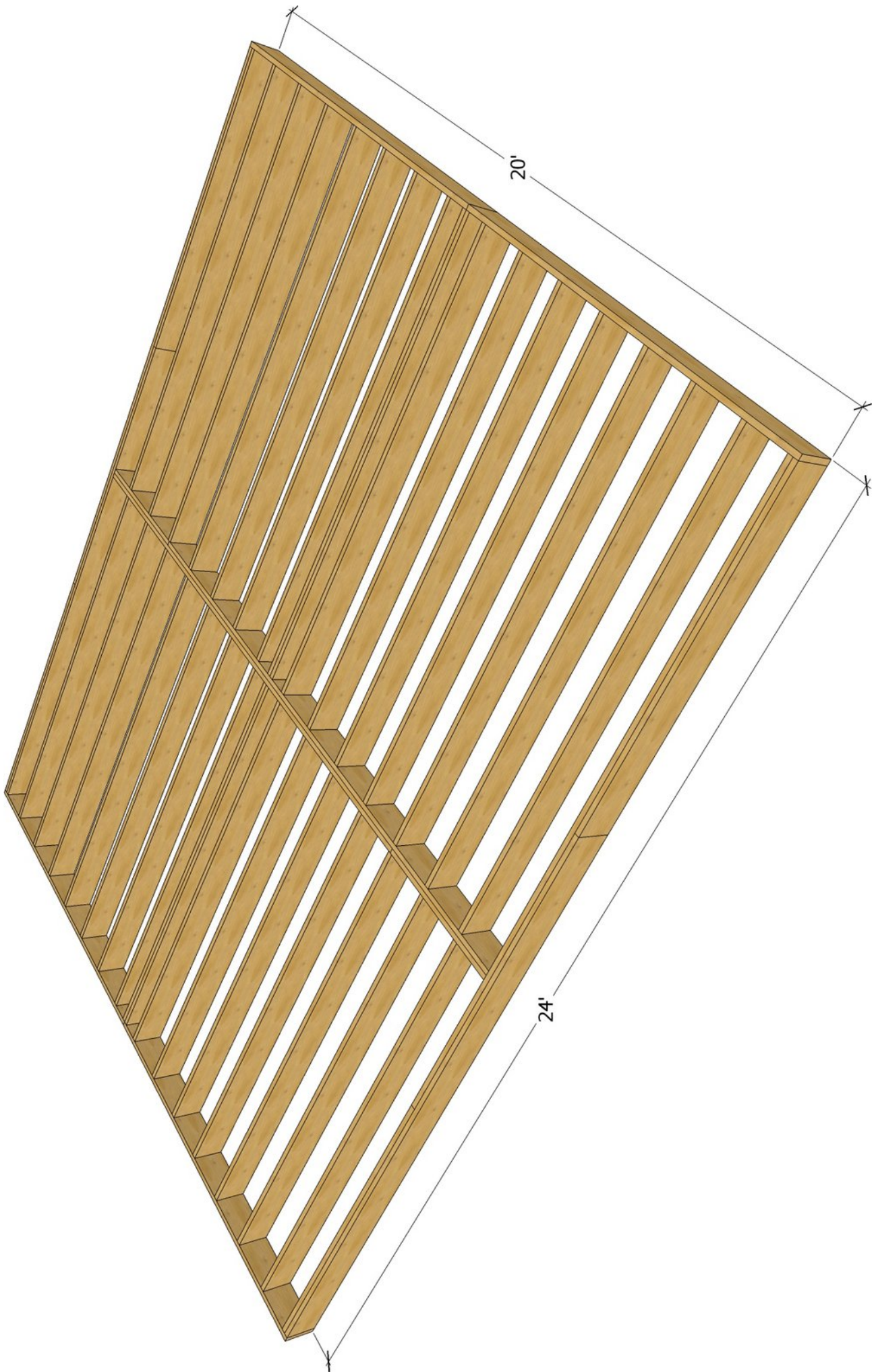








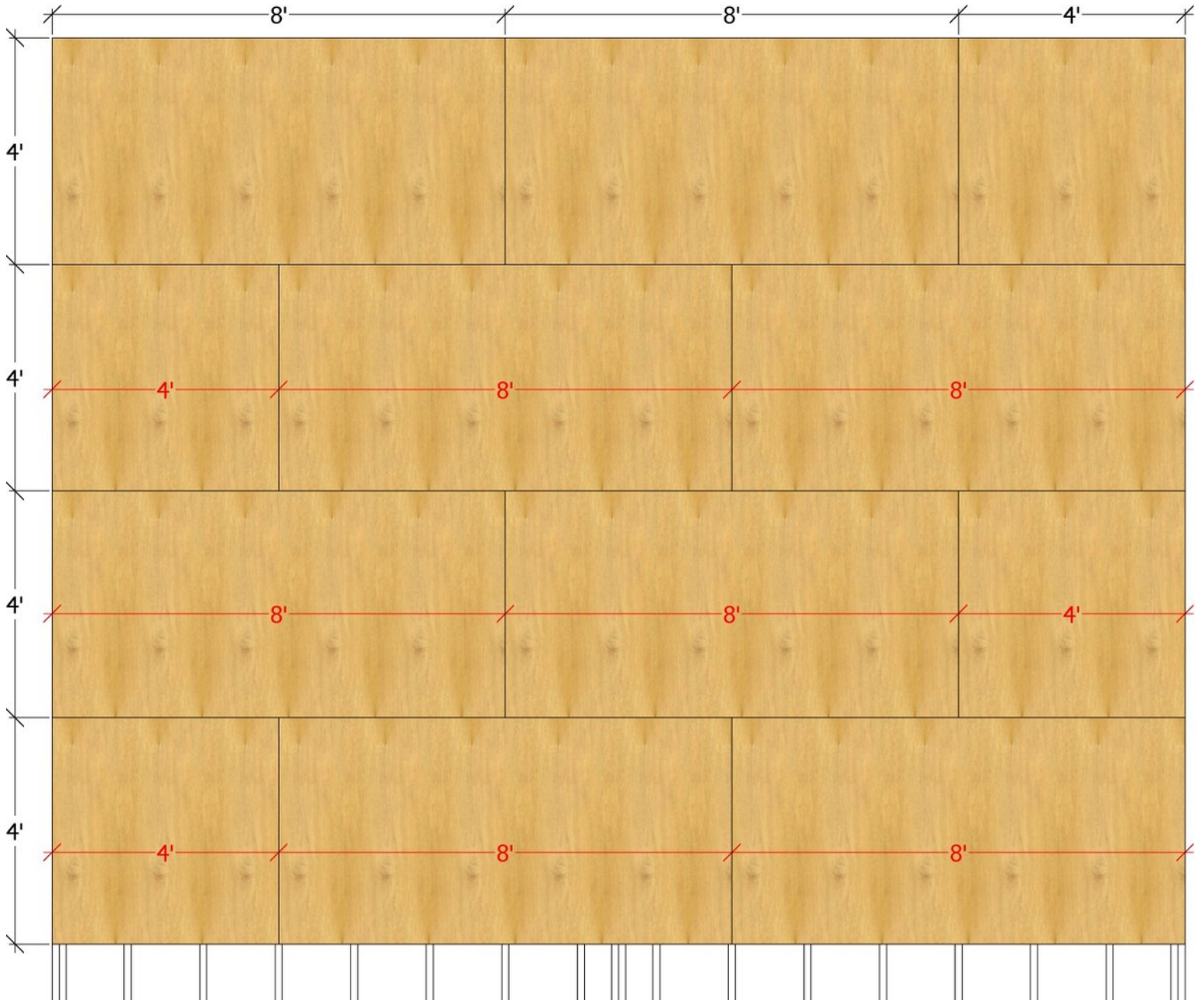




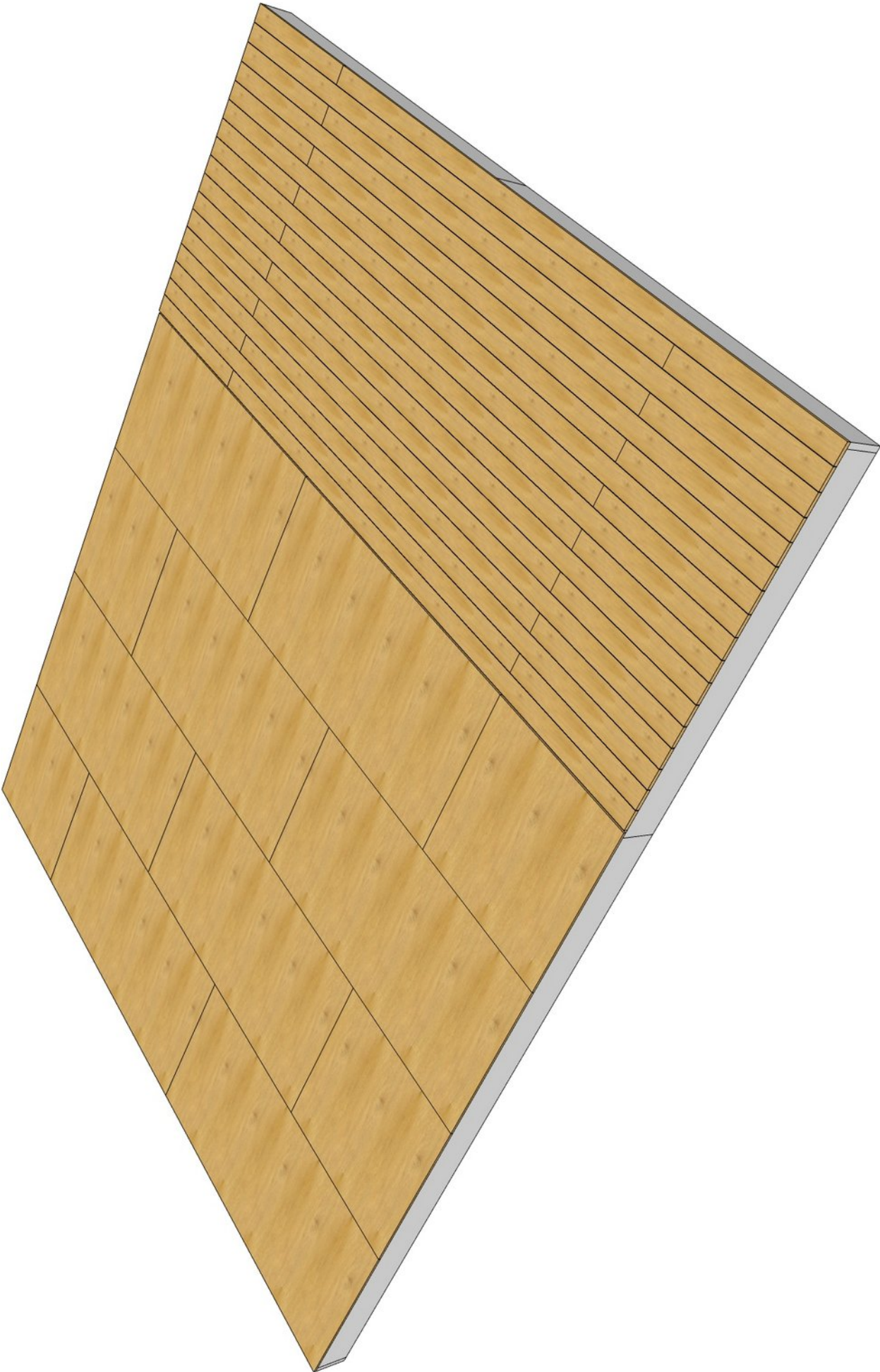
# 3

## Sheeting the 1<sup>st</sup> Level Joists

From (10) 5/8" sheets of plywood, cover the back end of the joist box with the twelve pieces as depicted in the below illustration.







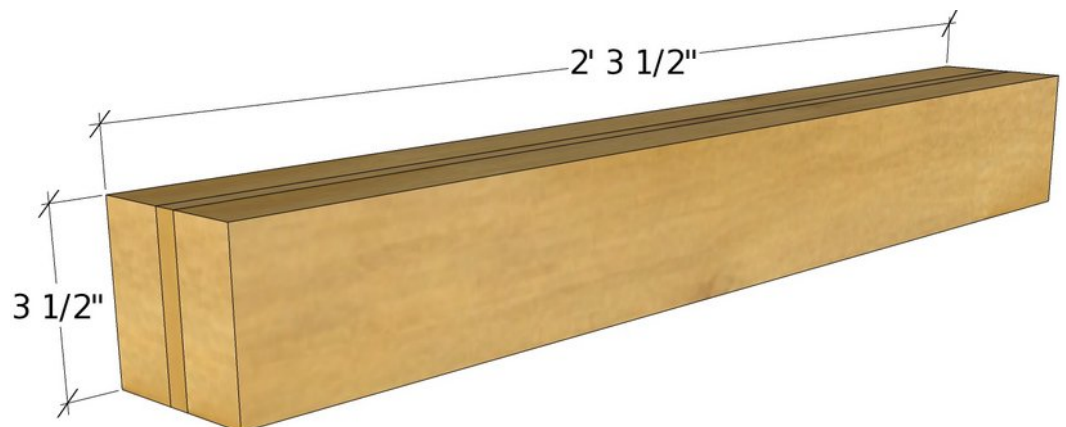
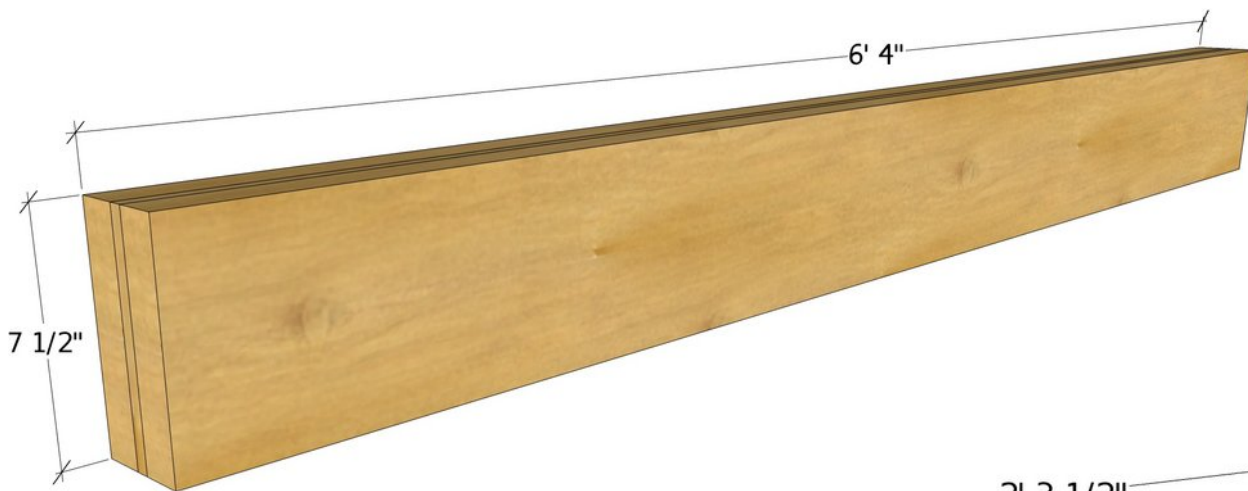
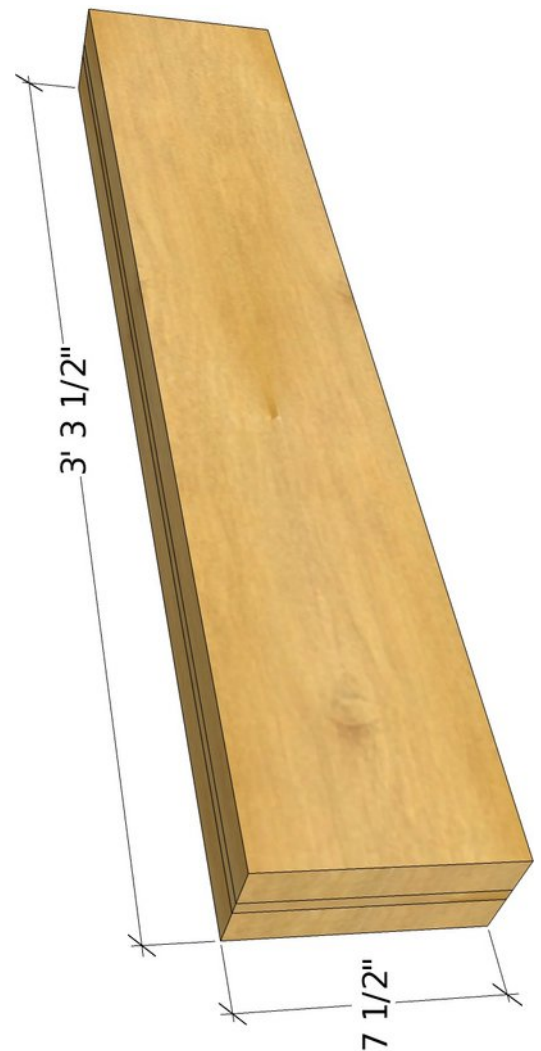
# 5

## Framing the Window & Door Headers

From (1) sheet of  $\frac{1}{2}$ " plywood, cut a  $7\frac{1}{2}$ " by  $6' 4"$  piece. From the same sheet of plywood, cut a  $7\frac{1}{2}$ " by  $3' 3\frac{1}{2}"$  piece. From the same sheet of plywood, cut eight  $3\frac{1}{2}$ " by  $2' 3\frac{1}{2}"$  pieces. Consolidate these pieces together in order to use as little of the sheet as possible.

From (2)  $2 \times 8 \times 8$ s, cut two  $6' 4"$  pieces. From (1)  $2 \times 8 \times 8$ , cut two  $3' 3\frac{1}{2}"$  pieces. From (6)  $2 \times 4 \times 8$ s, cut sixteen  $2' 3\frac{1}{2}"$  pieces.

Along with the pieces from the sheet of plywood, construct one of the unit in the right and below illustrations, as well as eight of the unit depicted in the bottom illustration. These will be used for wall headers in the next step.



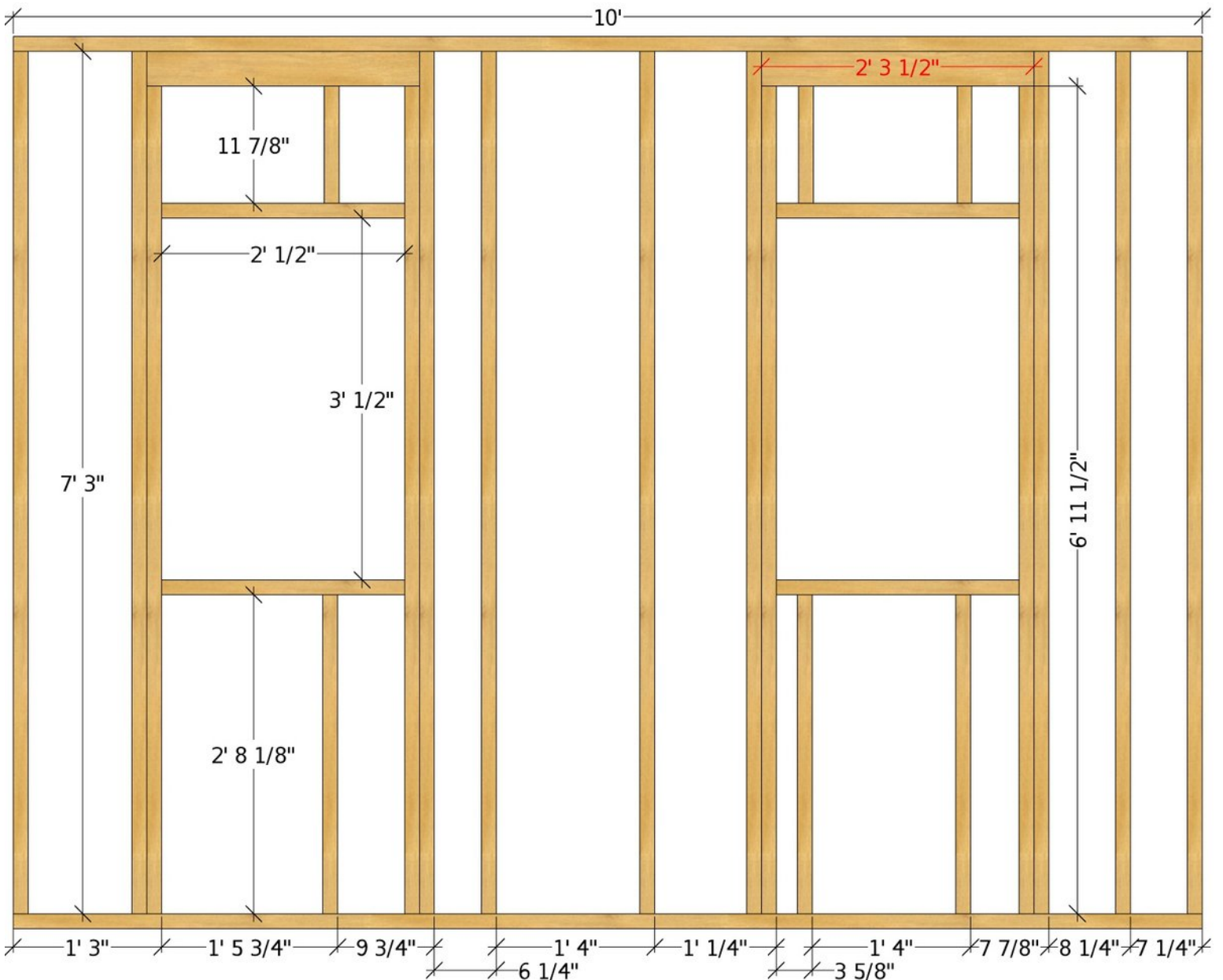
# 6

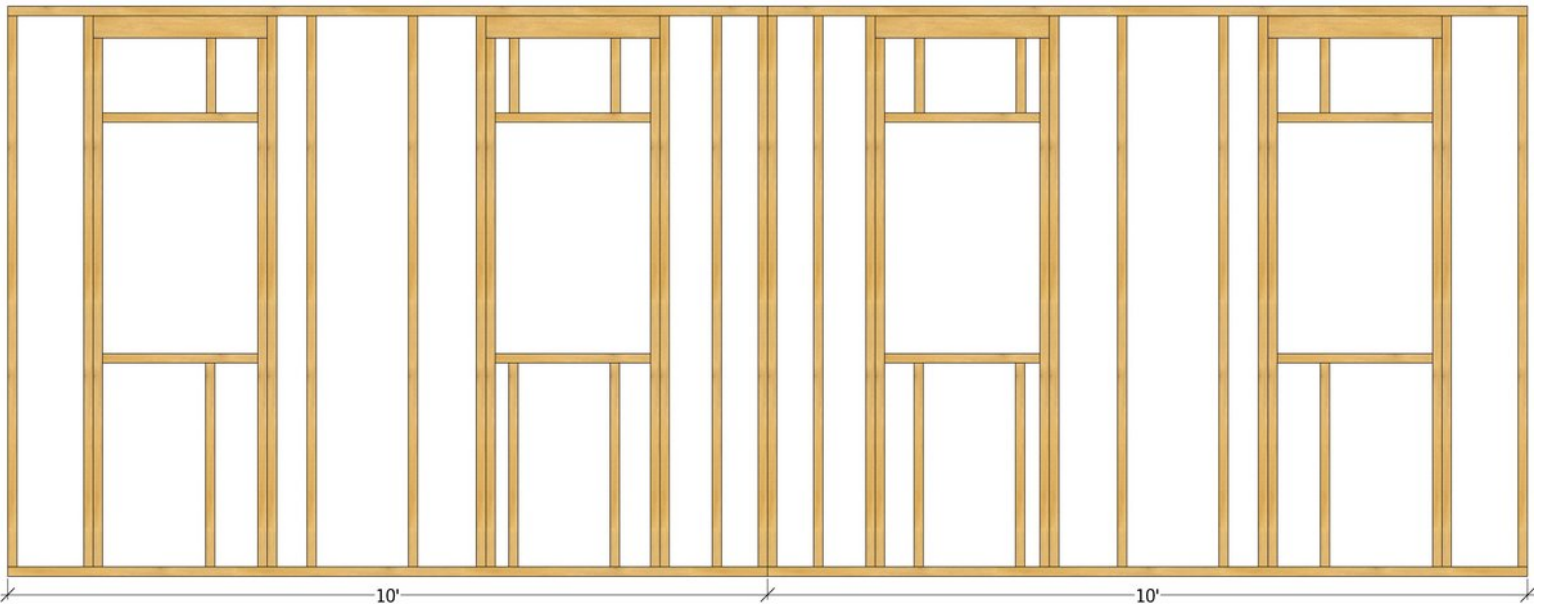
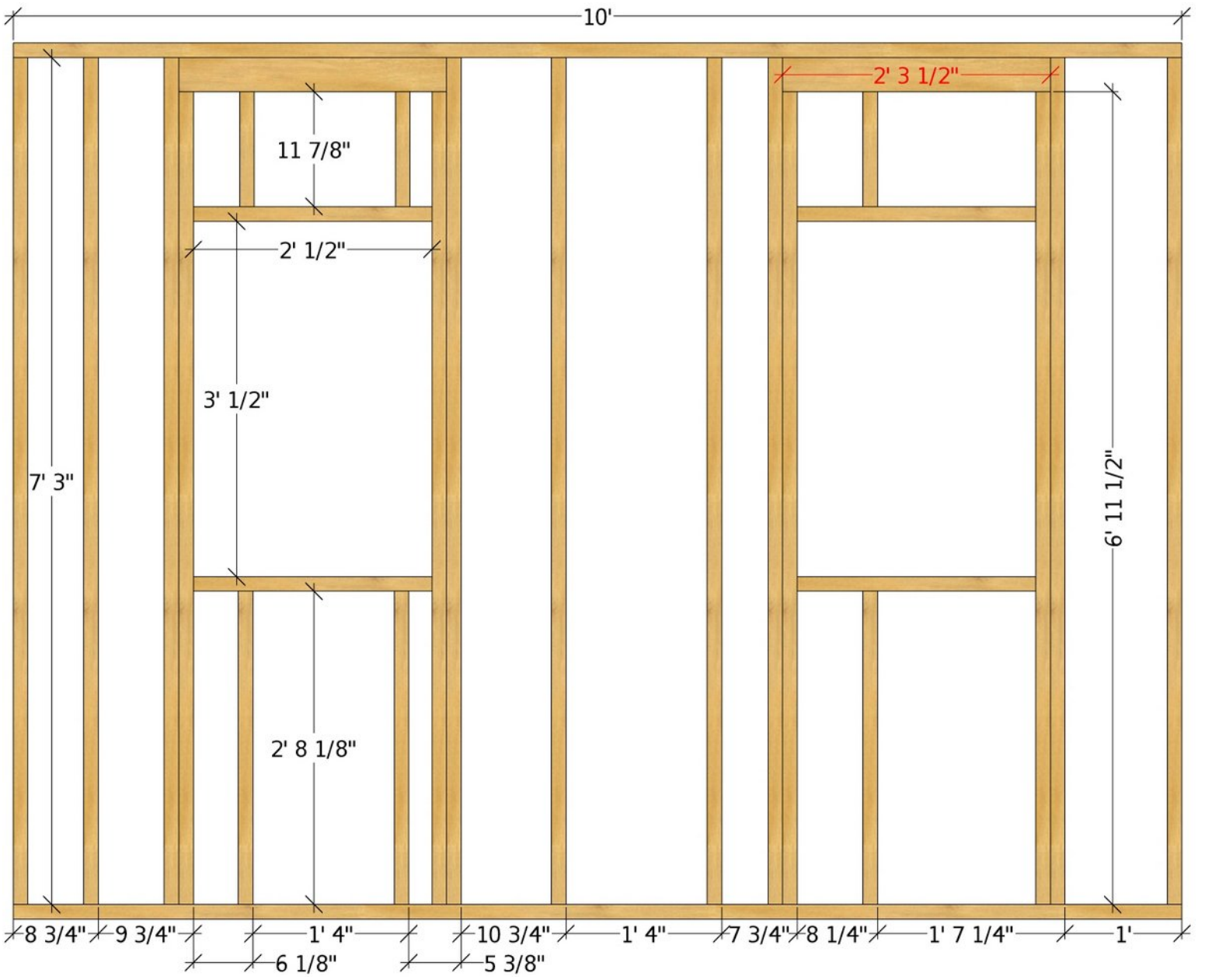
## Framing the 1<sup>st</sup> Level Walls

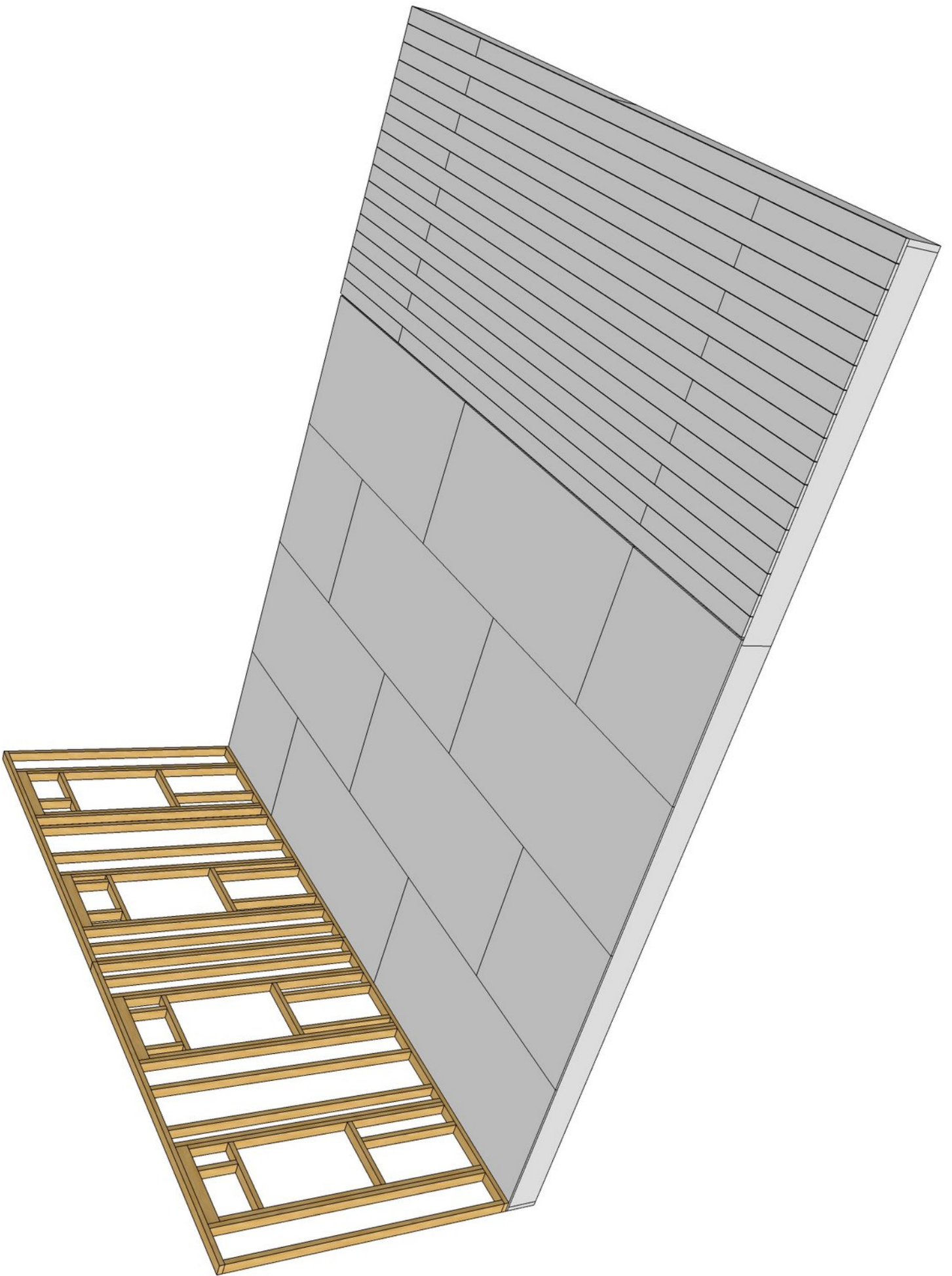
From (13) 2x4x8s, (4) 2x4x10s and two 2' 3 1/2" headers, construct the wall depicted in the below illustration.

From (13) 2x4x8s, (4) 2x4x10s and two 2' 3 1/2" headers, construct the wall depicted on the next page.

Combine these two walls and install them to the back of the platform as depicted on pages 23 and 24.



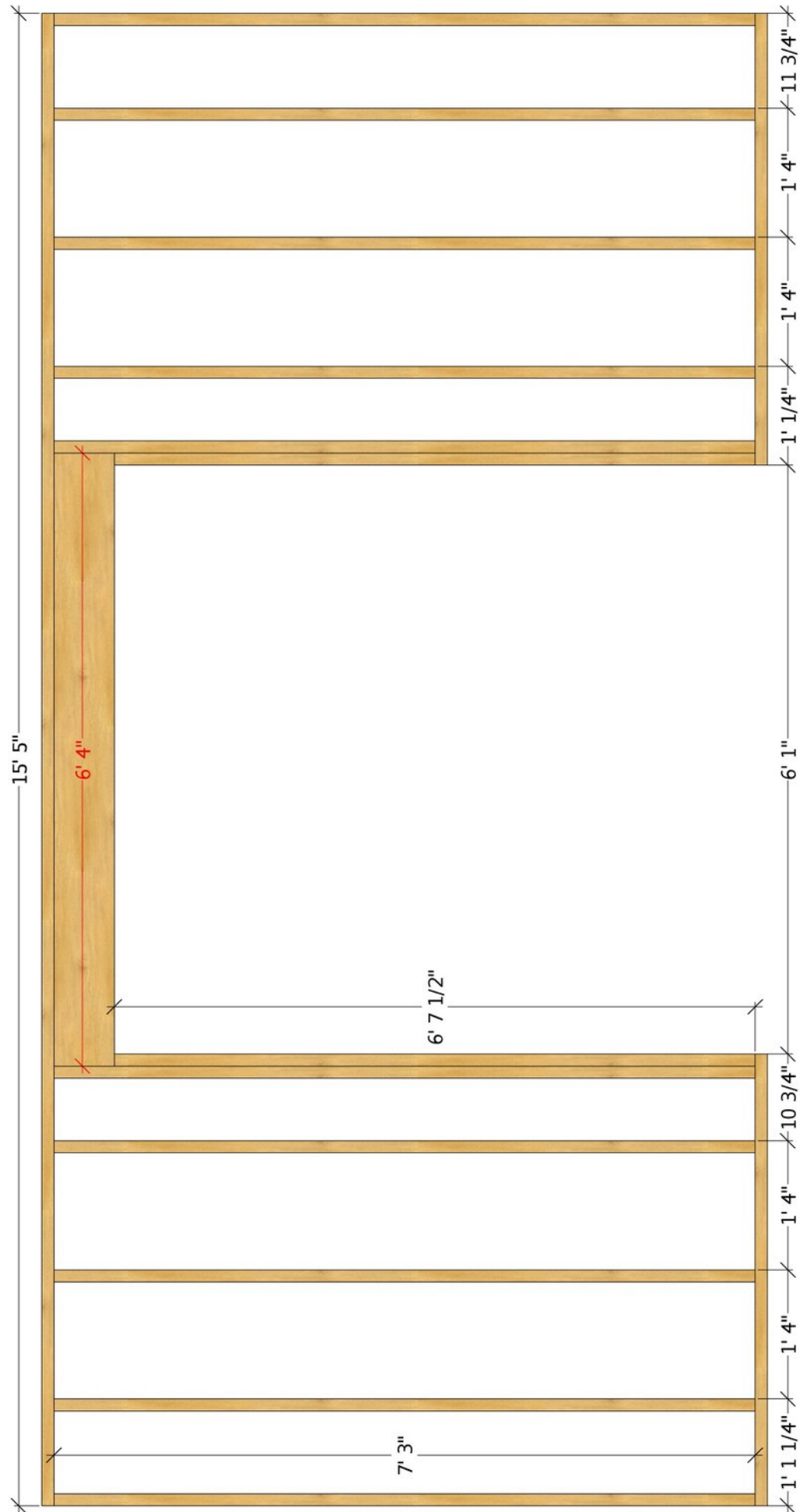






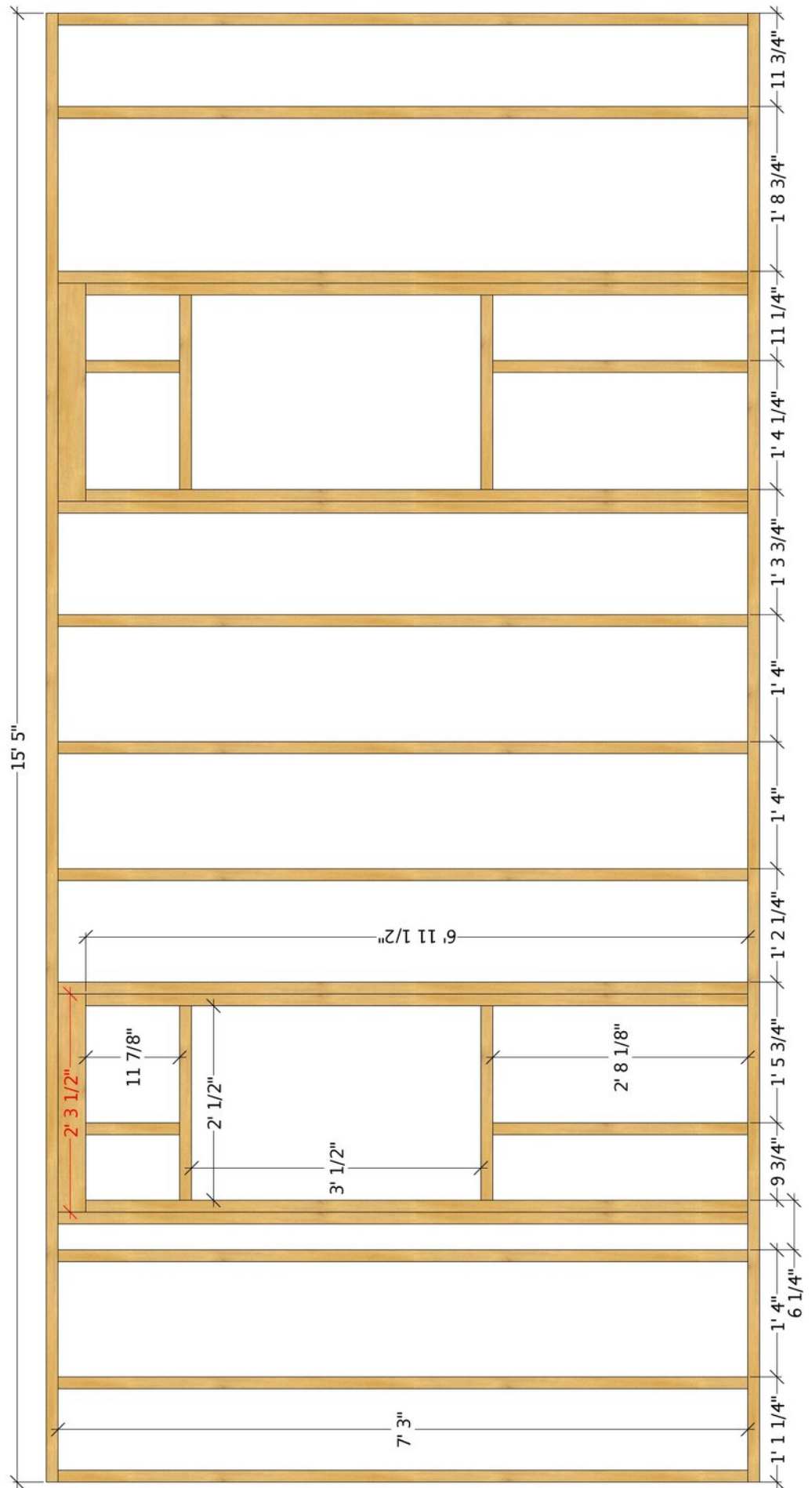
From (12) 2x4x8s,  
(1) 2x4x10, (1)  
2x4x16 and the 6'  
4" header,  
construct the wall  
depicted in the  
right illustration.

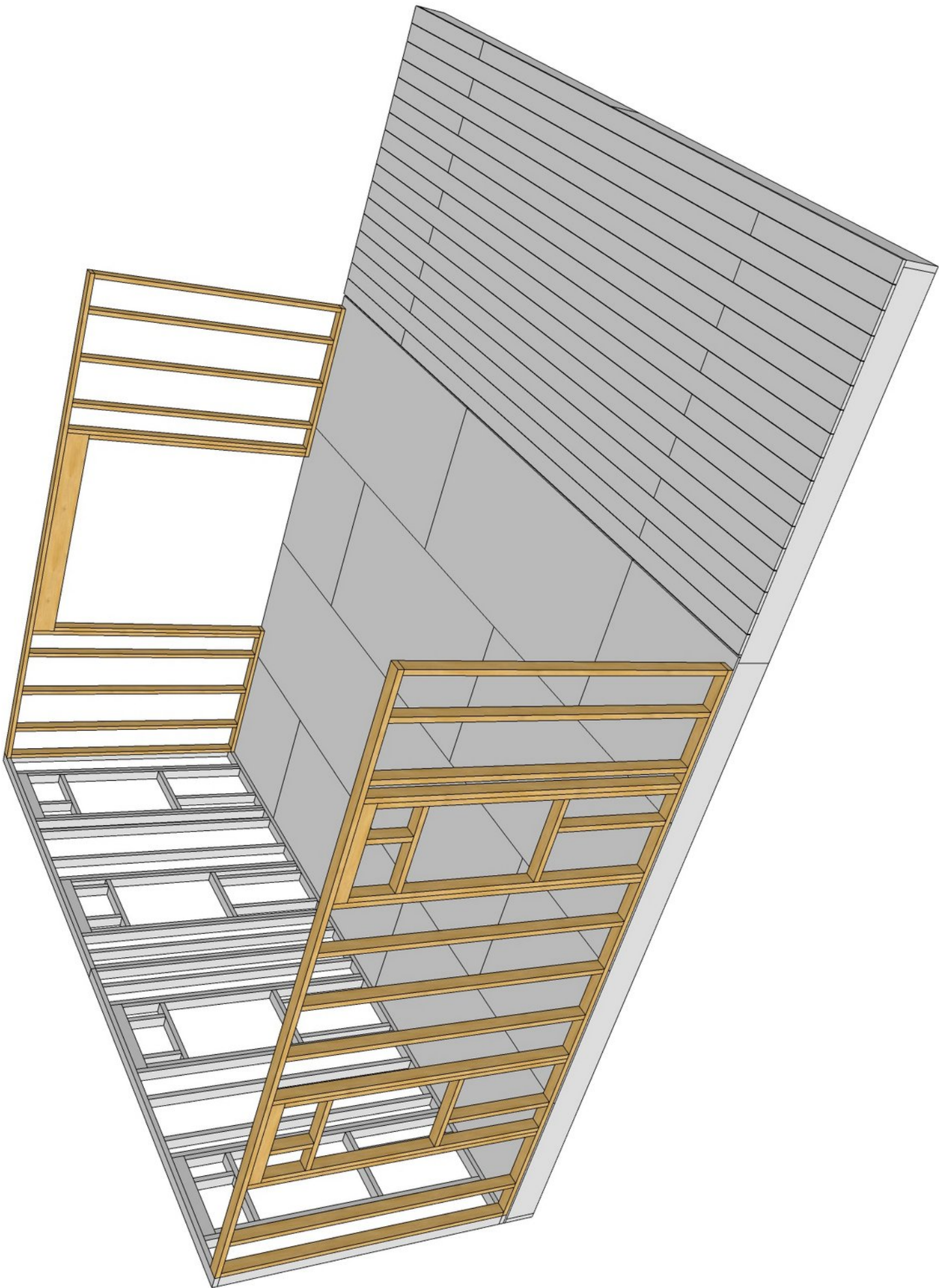
Install this wall to  
the platform as  
depicted on page  
27.



From (16) 2x4x8s,  
 (2) 2x4x10s, (2)  
 2x4x16s and two 2'  
 3 1/2" headers,  
 construct the wall  
 depicted in the right  
 illustration.

Install this wall to  
 the platform as  
 depicted on page  
 27.

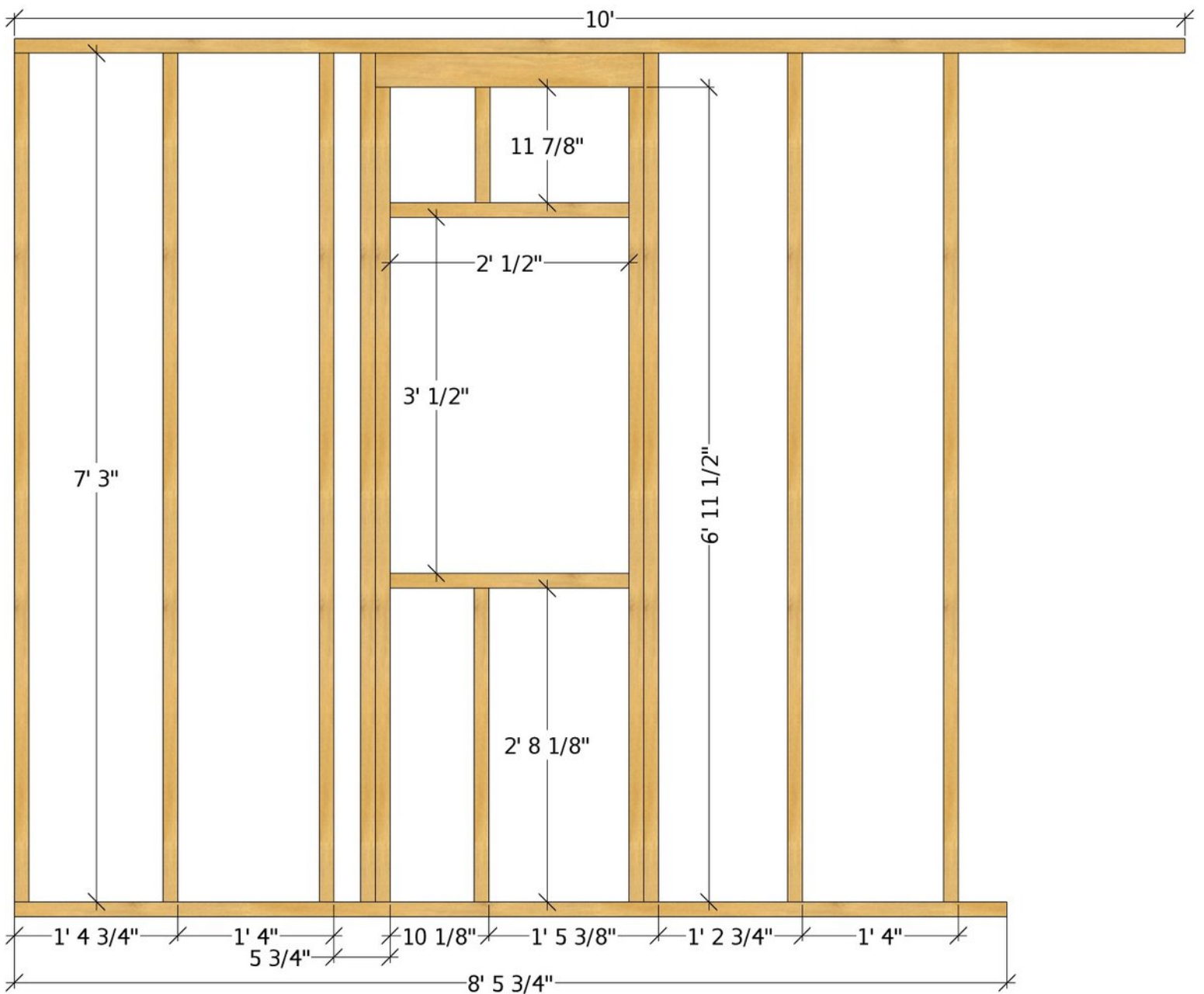


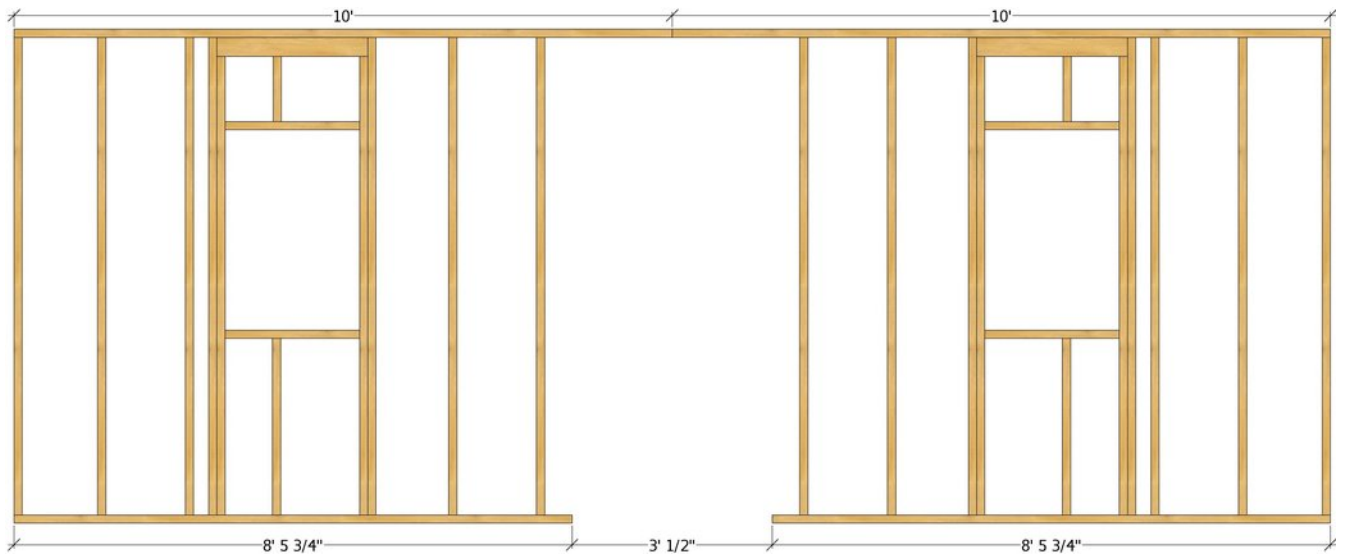
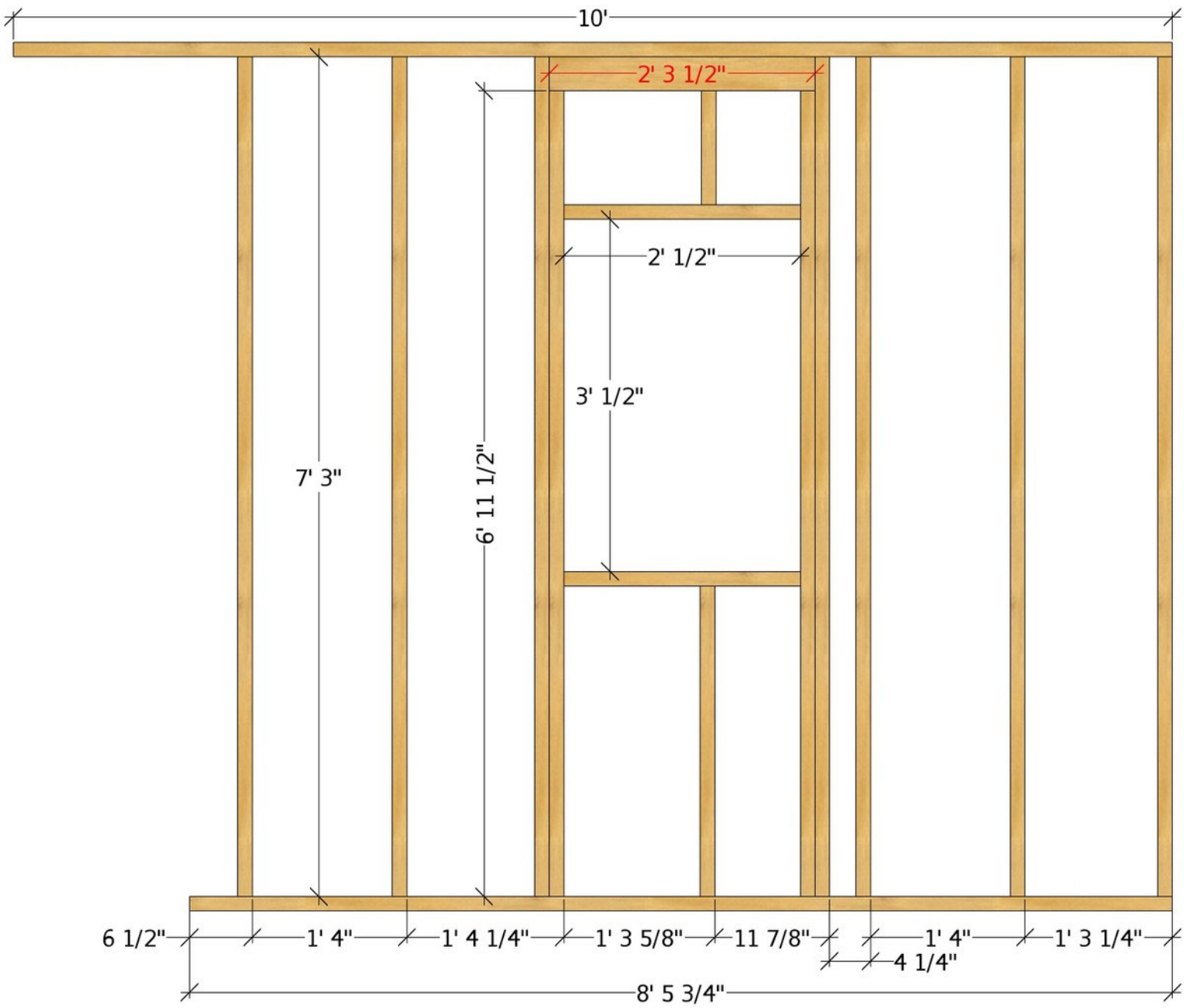


From (9) 2x4x8s, (3) 2x4x10s and a 2' 3 1/2" header, construct the partial wall as depicted in the below illustration.

From (9) 2x4x8s, (3) 2x4x10s and a 2' 3 1/2" header, construct the partial wall as depicted on the next page.

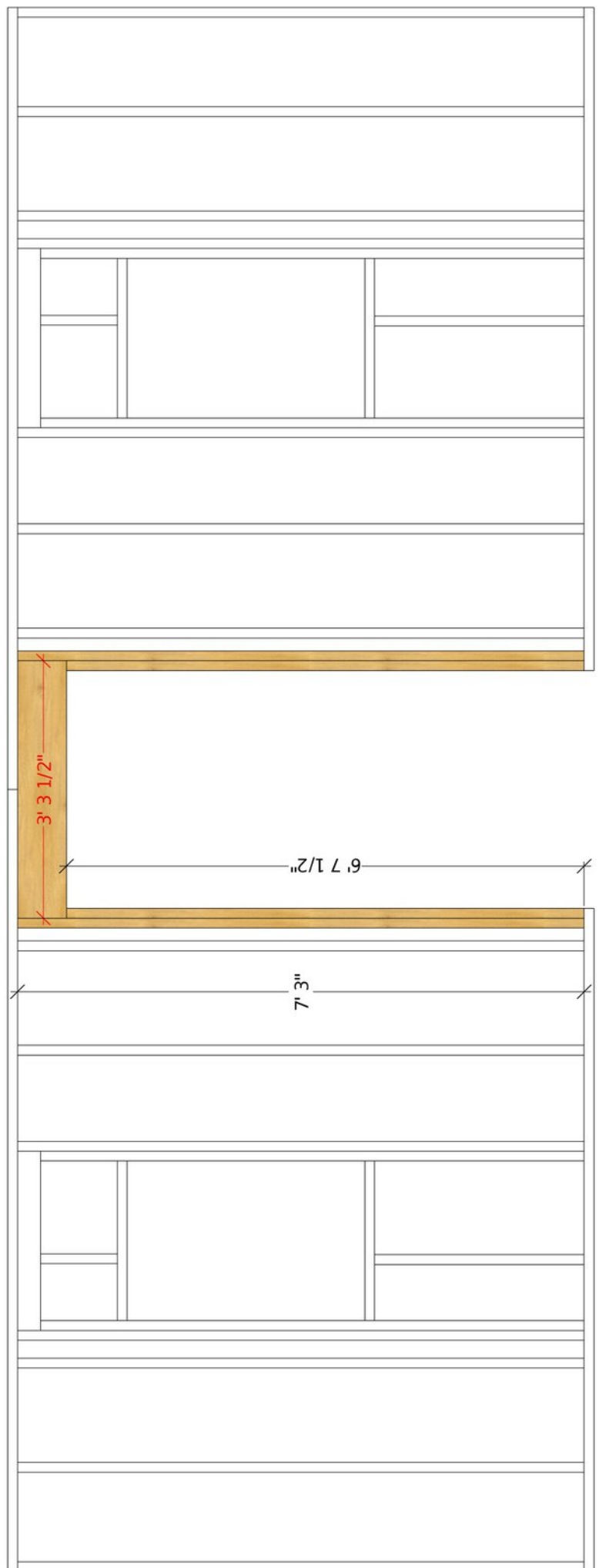
These two walls will joist together as depicted at the bottom of the next page.

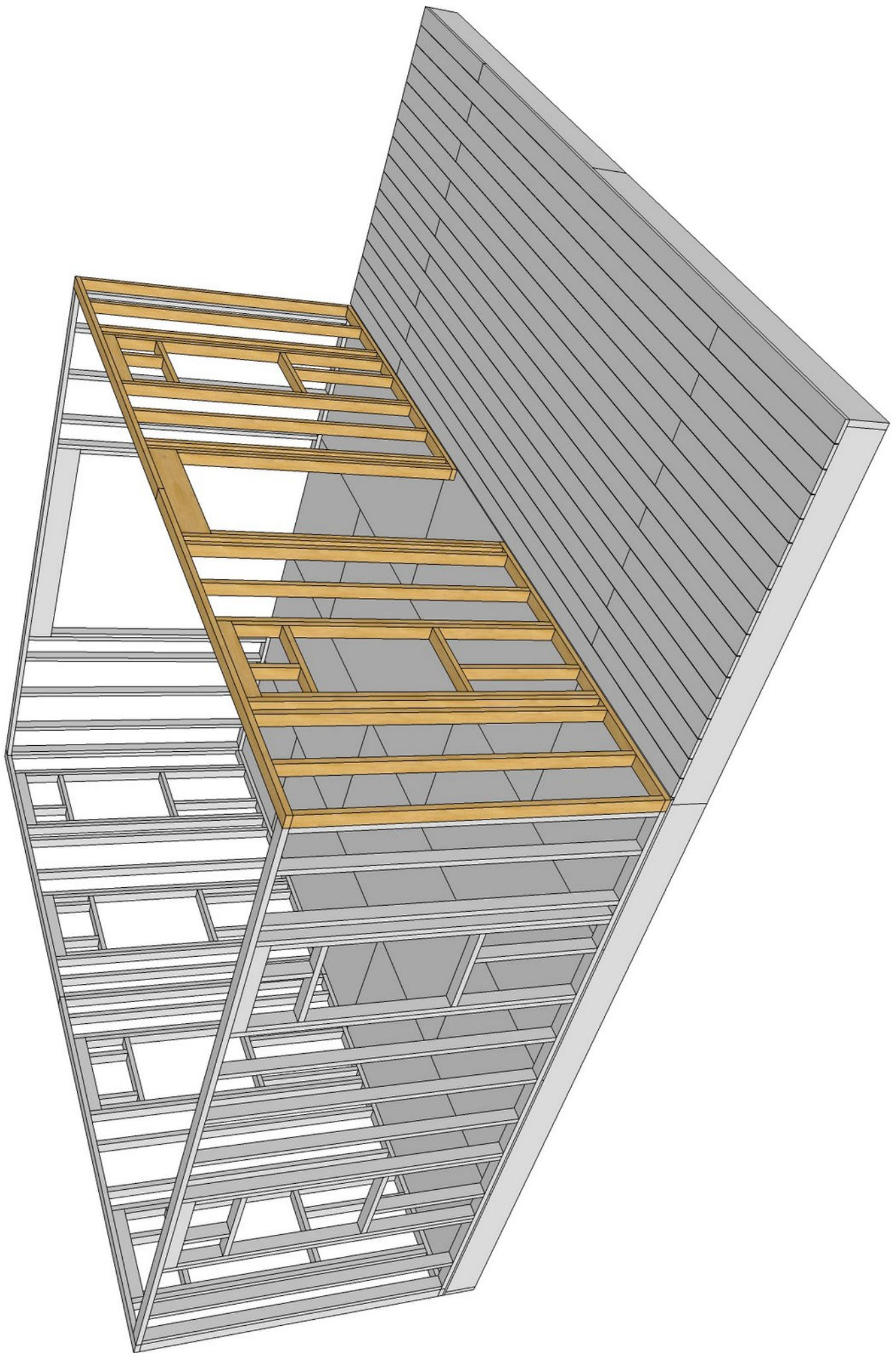




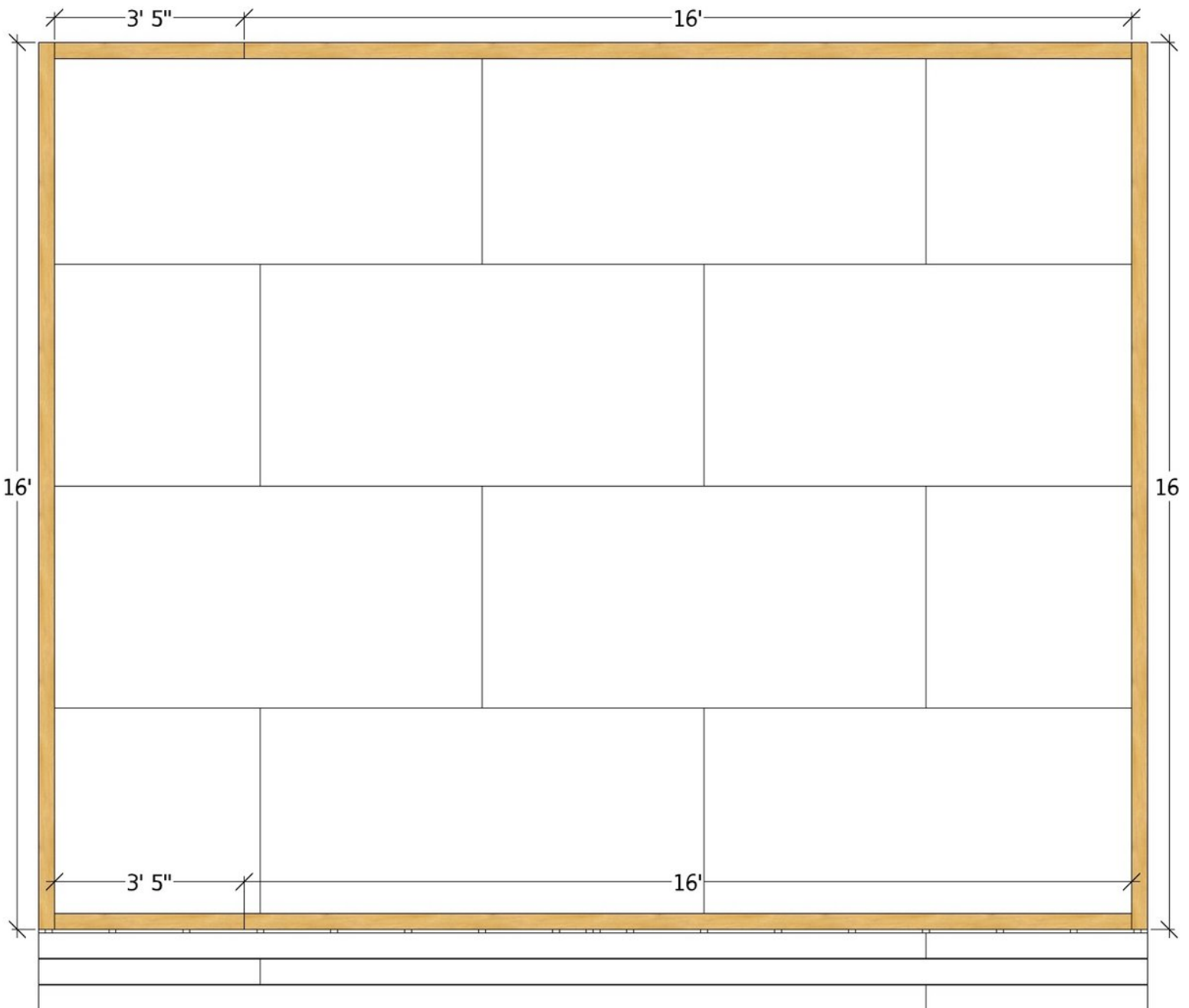
From (4) 2x4x8s, as well as the 3' 3 1/2" header, complete the front wall as depicted in the right illustration.

Install the front wall to the platform as depicted on the next page.

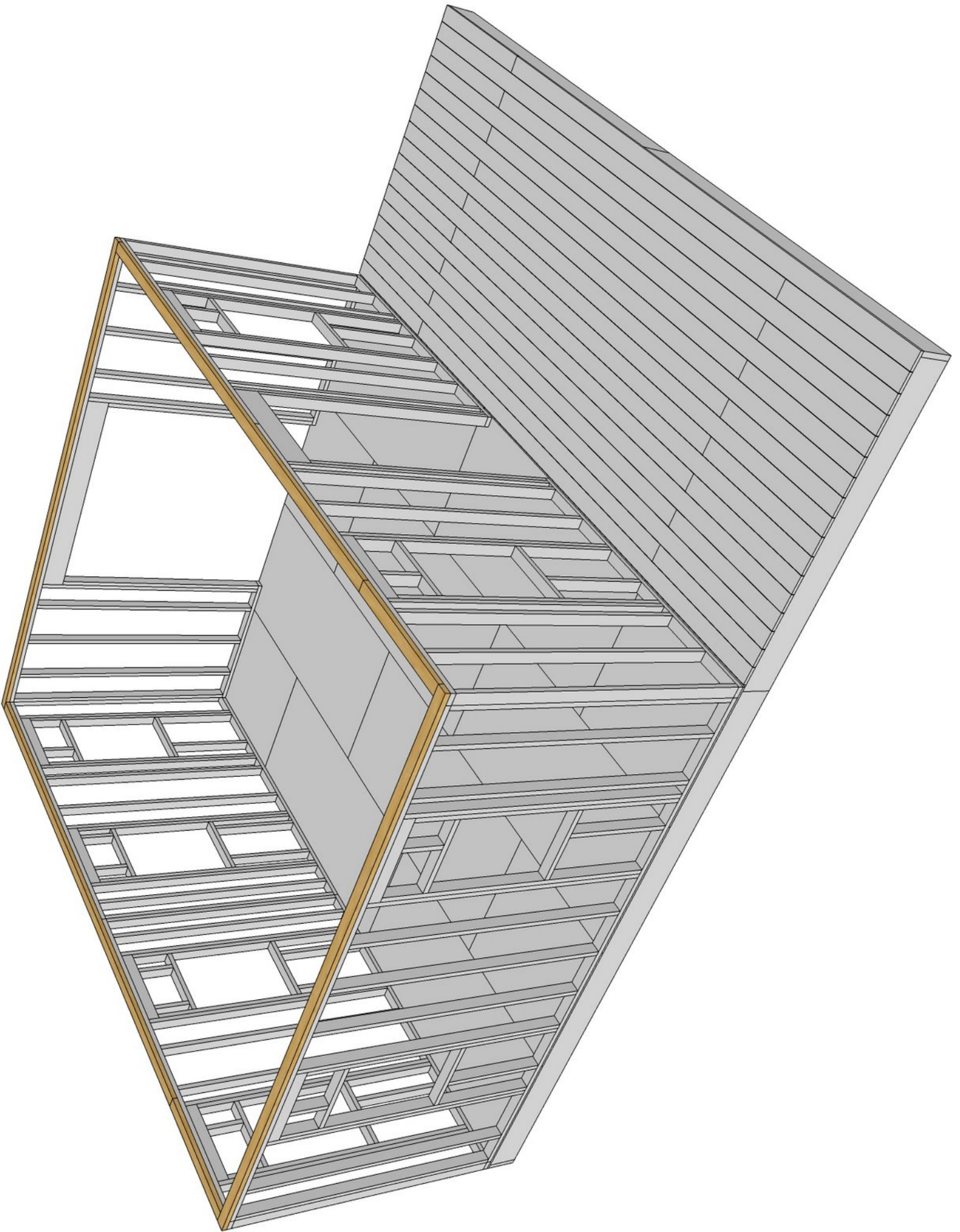




From (1) 2x4x8 and (4) 2x4x16s, add the 2<sup>nd</sup> top plate to the walls as depicted in the below and next page illustrations.





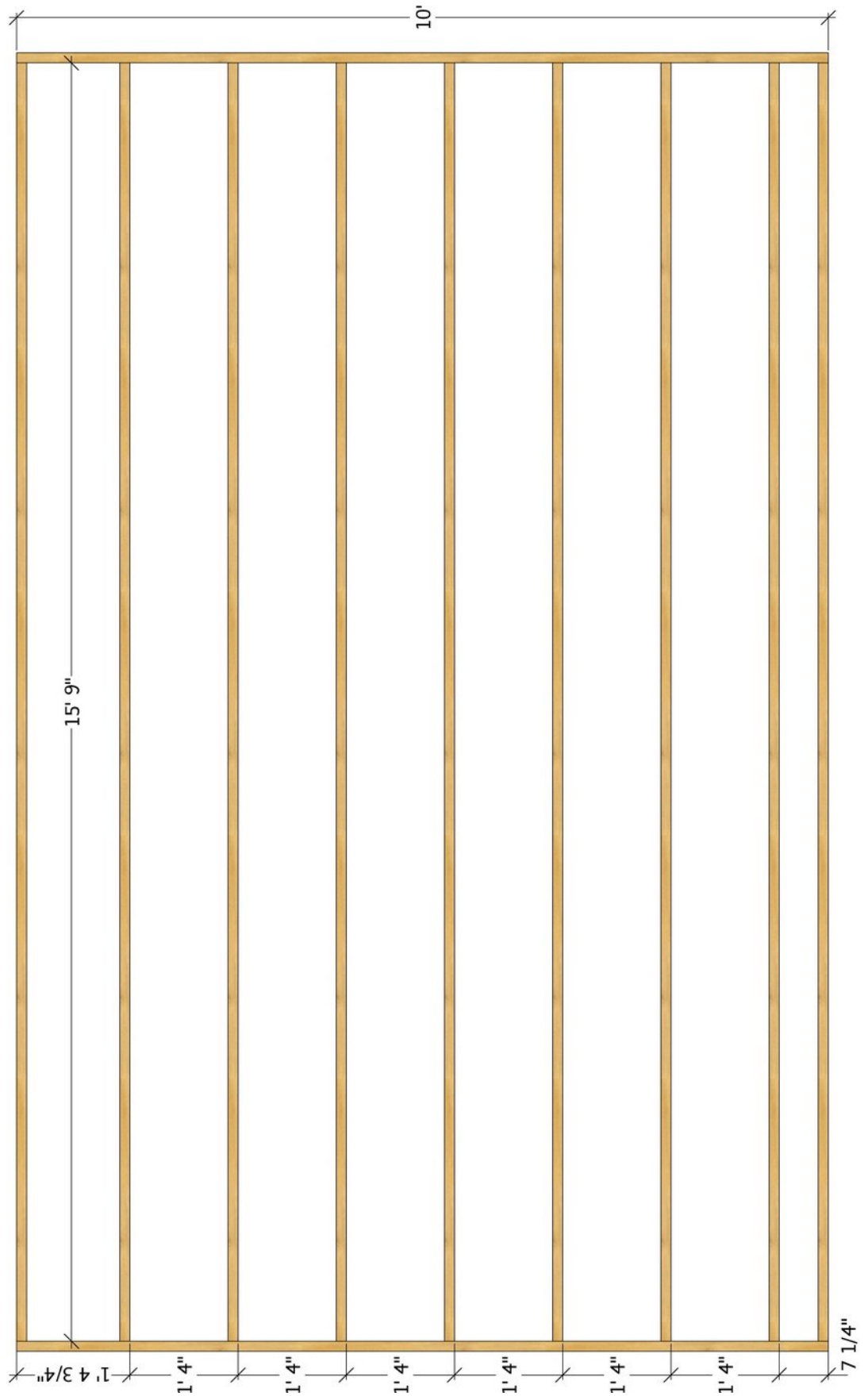


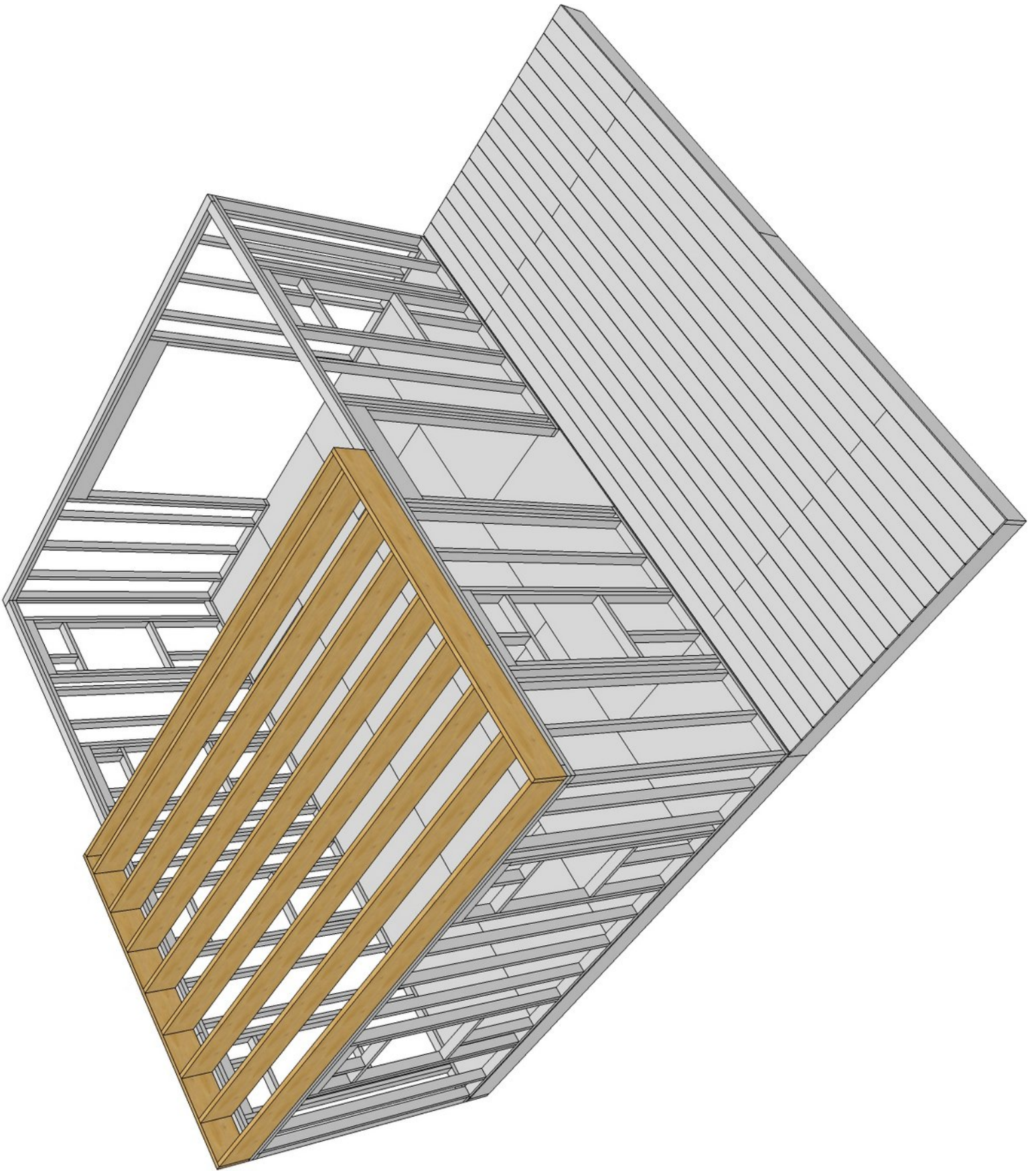
# 7

## Framing the 2<sup>nd</sup> Level Joists

From (2) 2x12x10s and (9) 2x12x16s, construct the joist unit as depicted in the right illustration.

Install this joist unit to the structure as depicted on the next page.

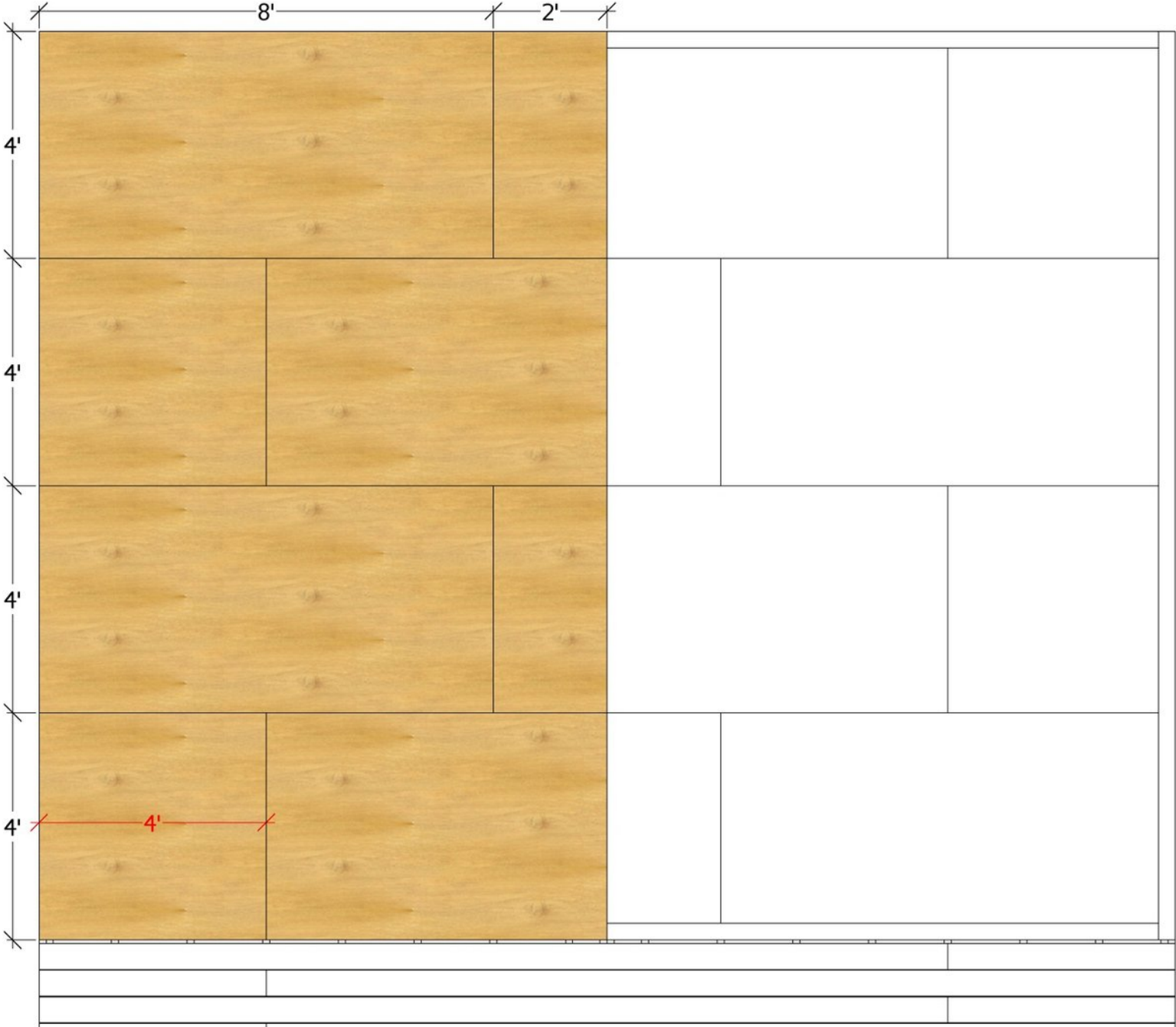




# 8

## Sheeting the 2<sup>nd</sup> Level Joists

From (5) 5/8" sheets of plywood, cut and install the eight pieces to the previous joist unit as depicted in the below illustration.



# 9

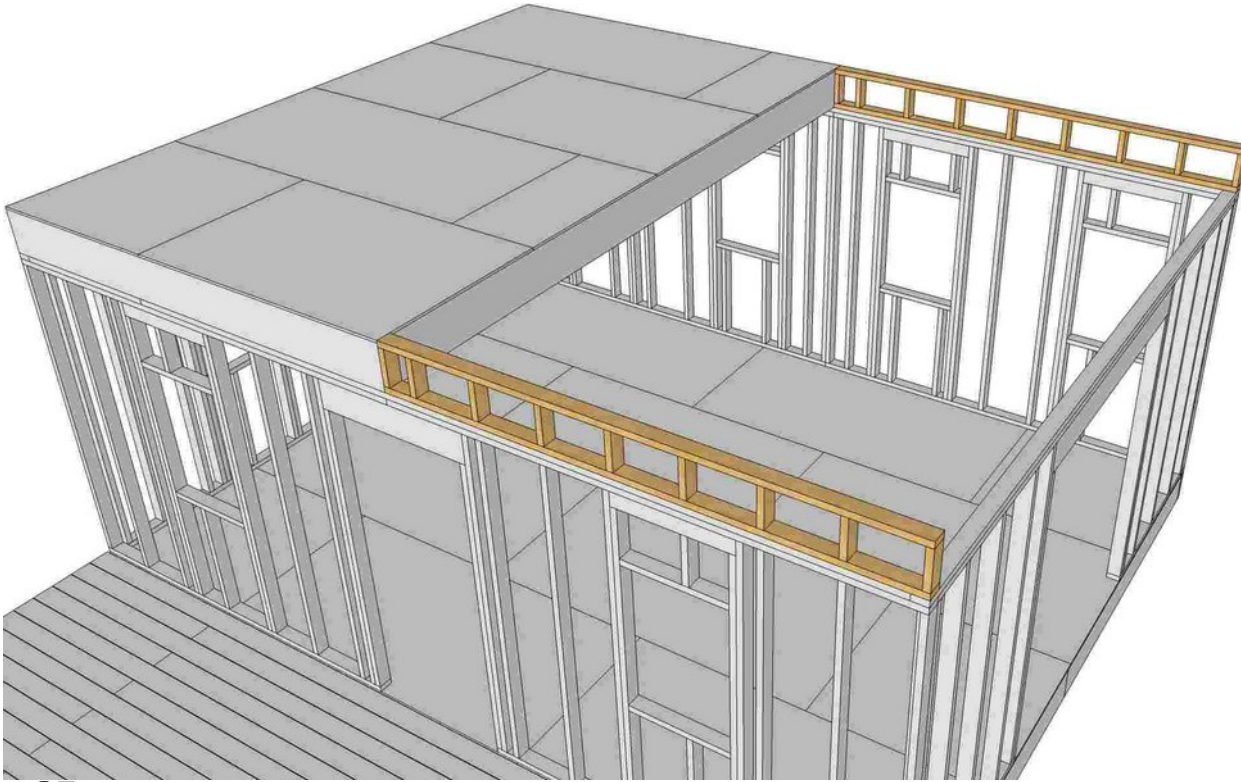
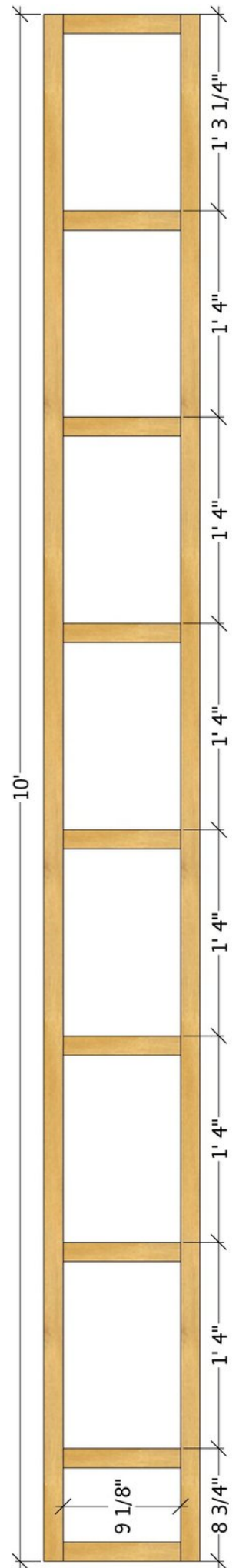
## Framing the 2<sup>nd</sup> Level Knee Wall

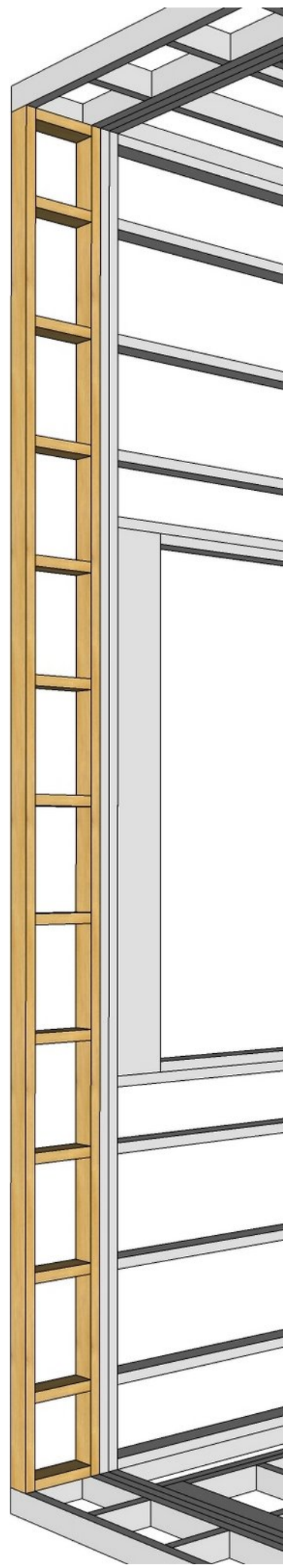
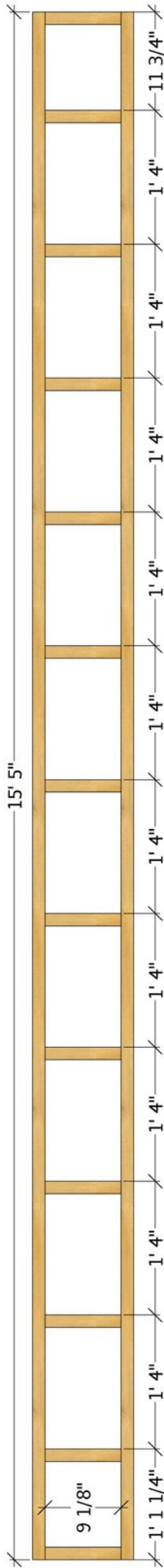
The three knee walls should match the height of the 2<sup>nd</sup> level plywood exactly. The stud heights may have to be adjusted for the three knee walls to be flush.

From (2) 2x4x8s and (4) 2x4x10s, construct two of the knee wall depicted in the right illustration.

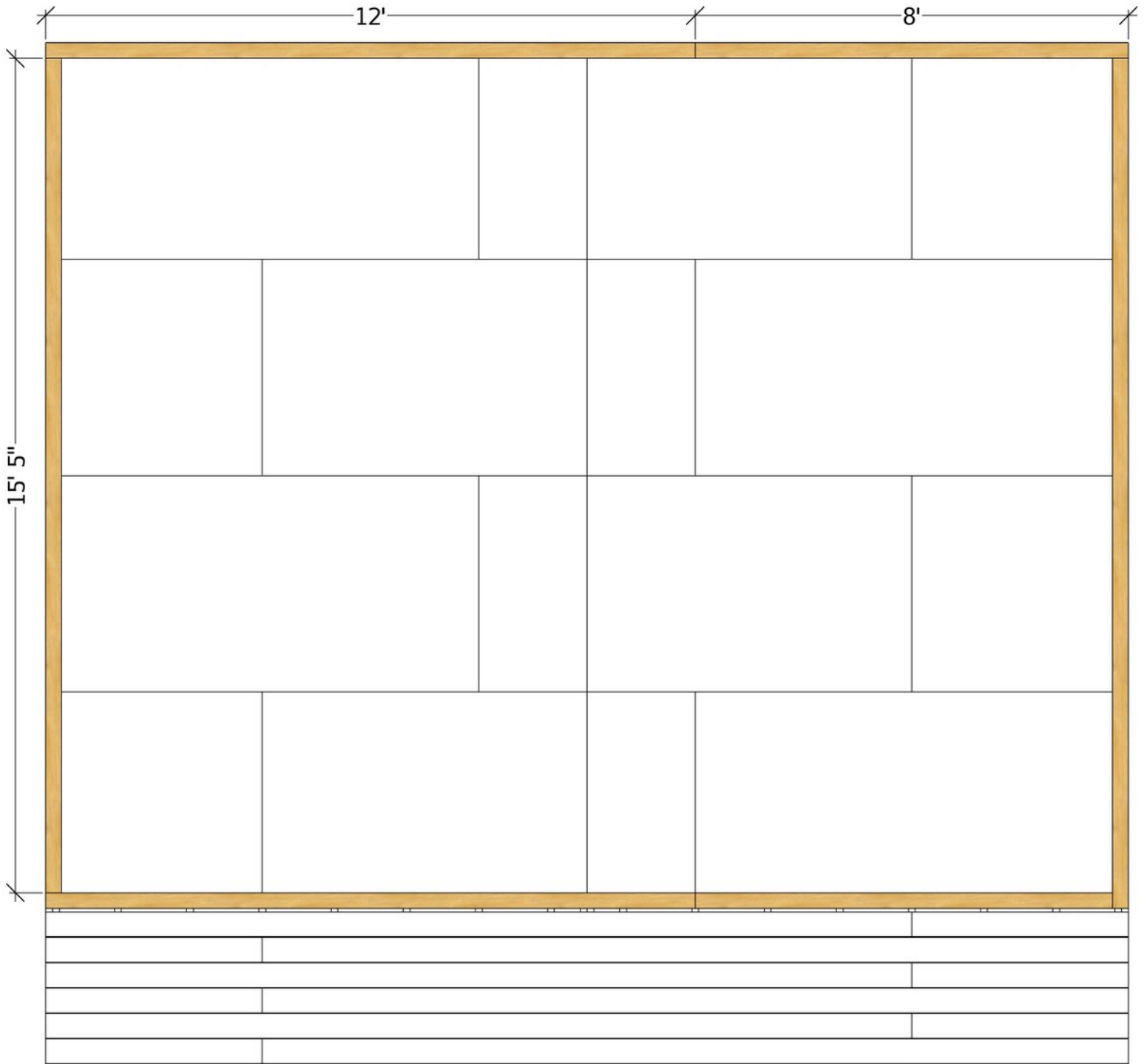
Install these two walls to the structure as depicted in the bottom illustration.

From (1) 2x4x8, (2) 2x4x16s and some excess 2x4 material, construct the knee wall depicted on the next page. Install this wall to the structure as depicted.





From (2) 2x4x8s, (2) 2x4x12s and (2) 2x4x16s, install the additional wall plate to the structure as depicted in the below illustration.



# 10

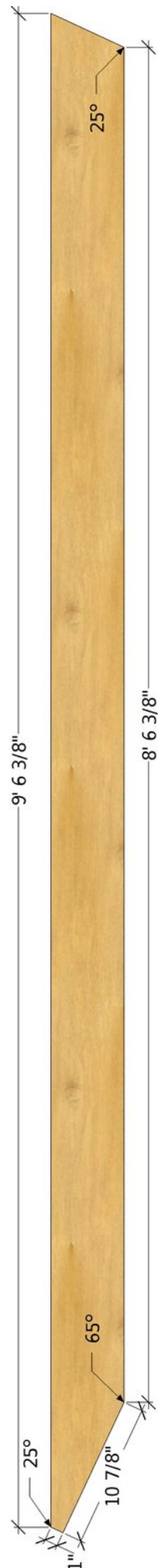
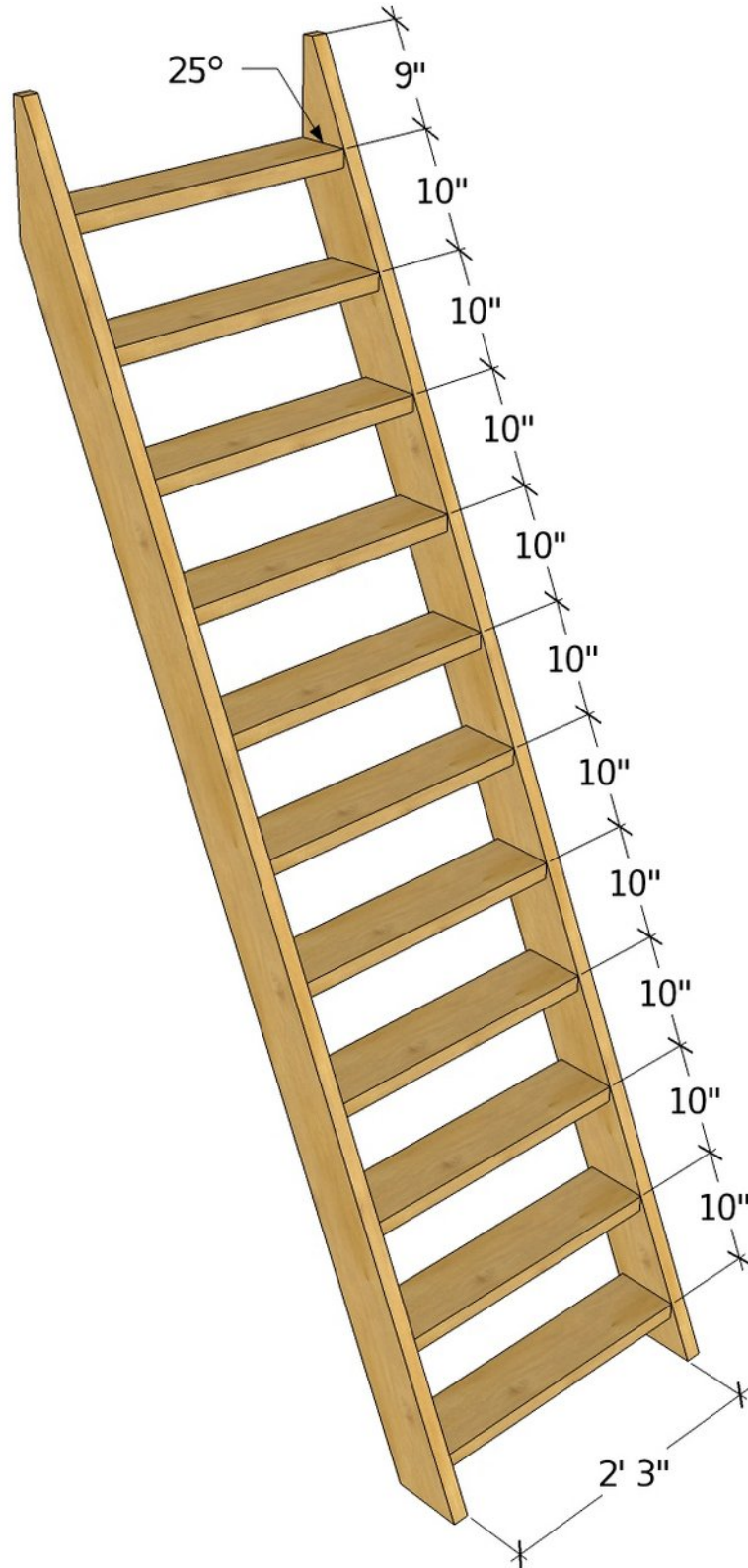
## Framing the Ladder

From (2) 2x6x10s, cut two of the stringer depicted in the far right illustration.

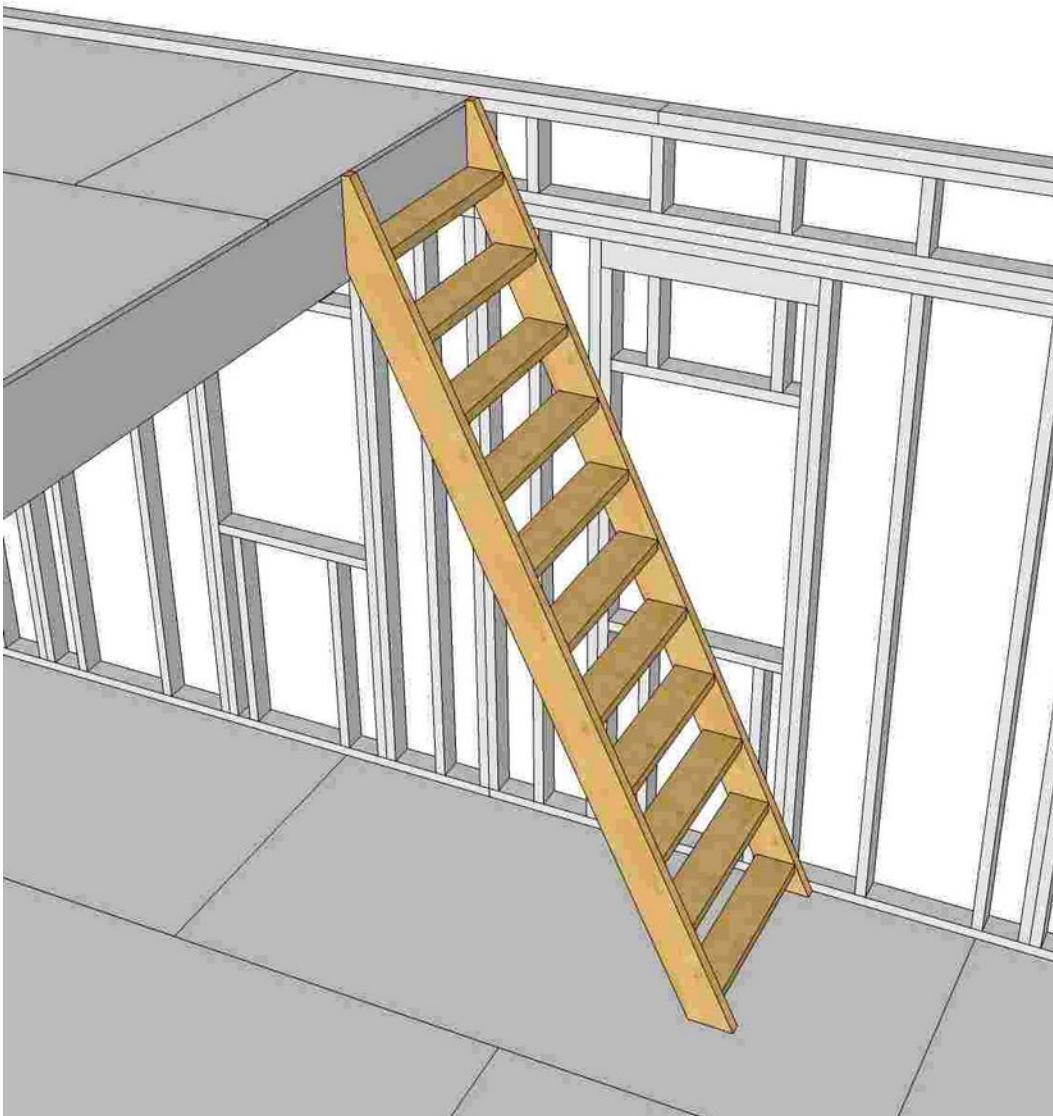
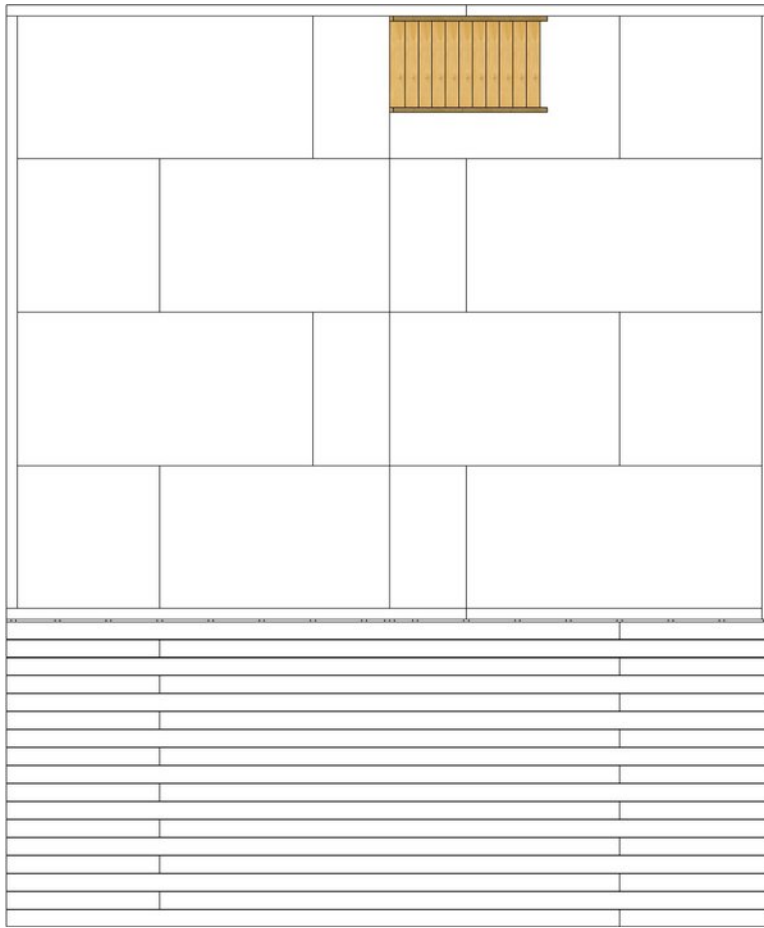
From (2) 2x6x10s and (1) 2x6x8, cut eleven 2' 3" pieces.

Assemble these components together to make the 25 degree ladder depicted in the near right illustration.

Install this ladder inside the structure as depicted on the next page.







# 11

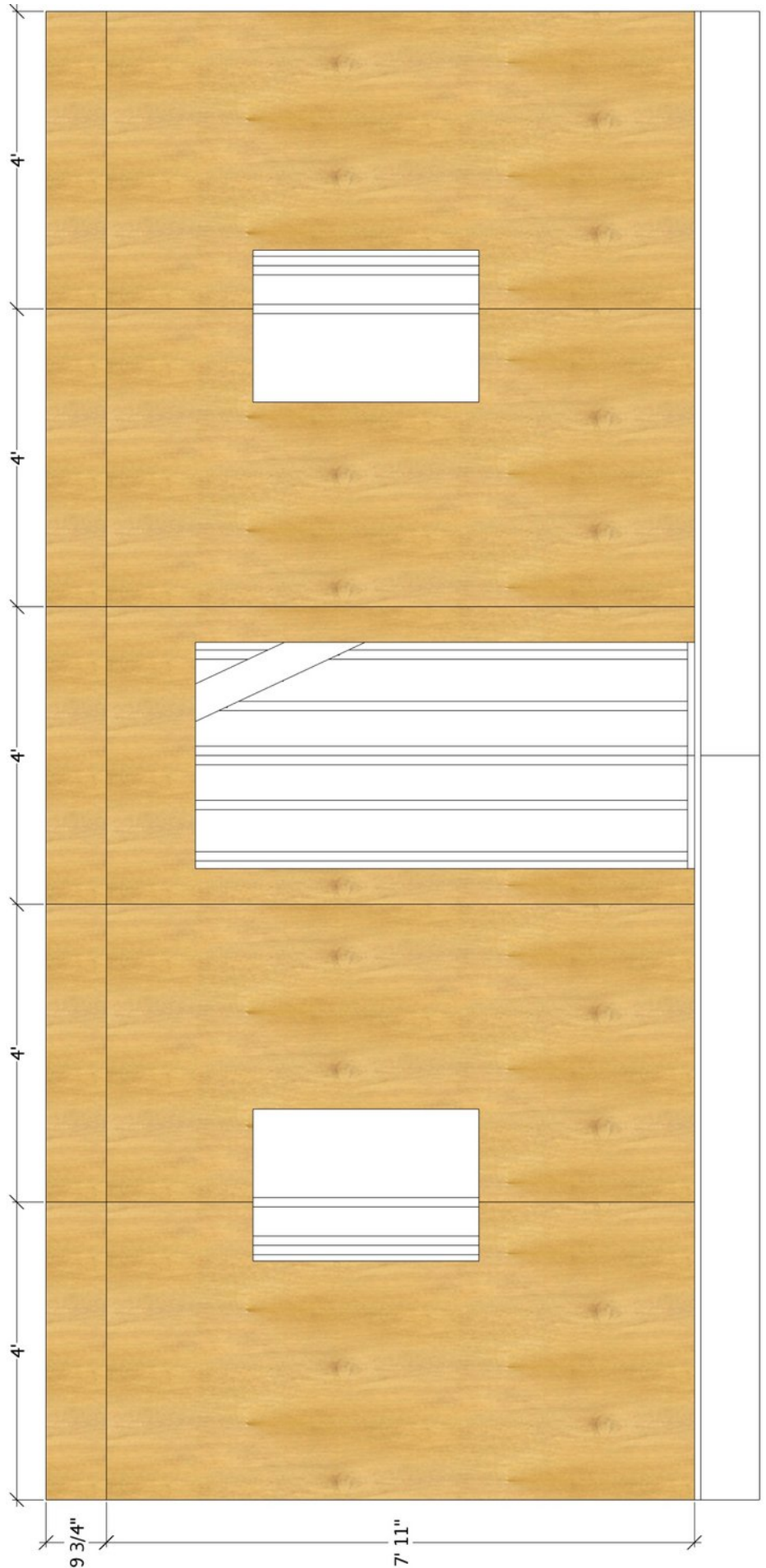
## Sheeting the Walls - Pt 1

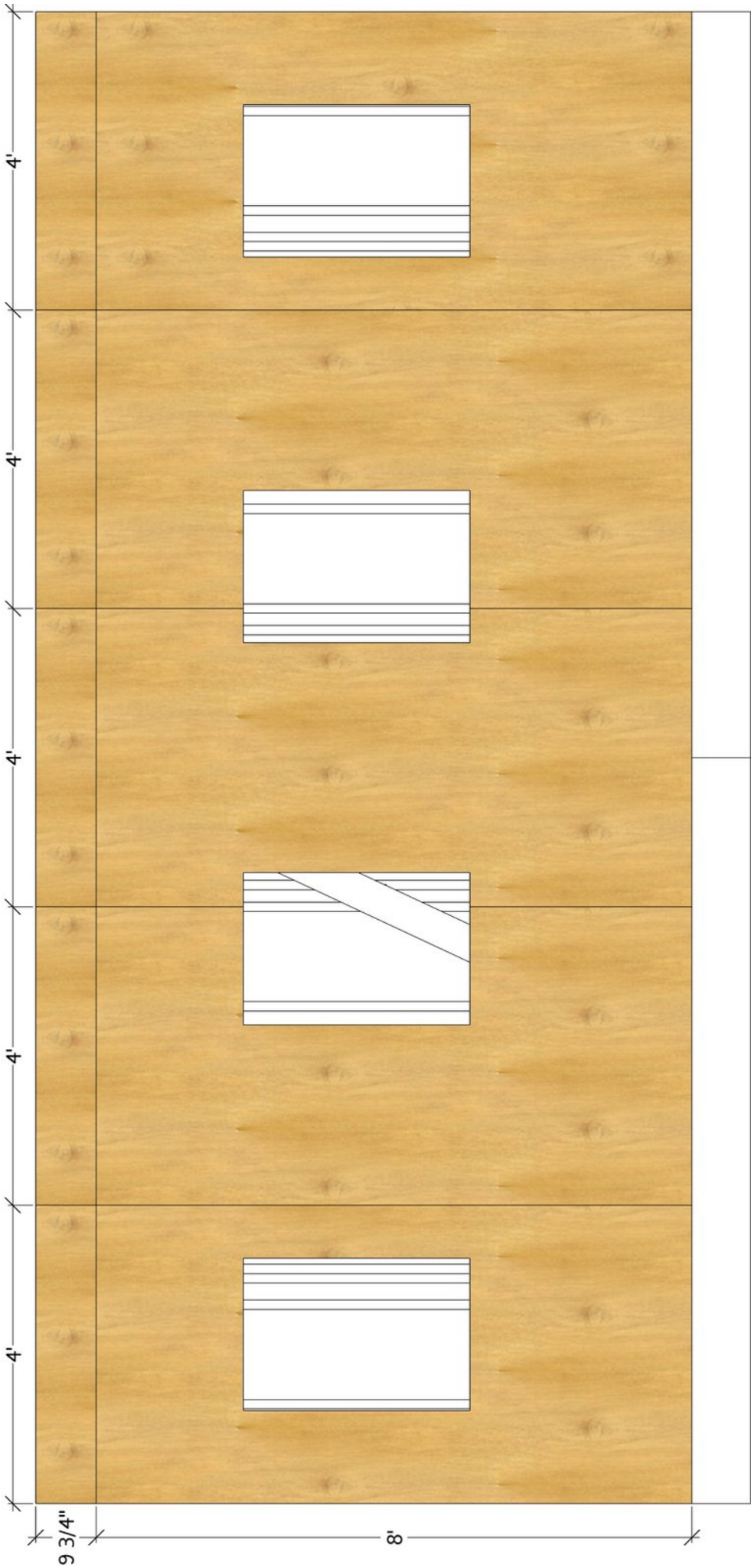
From (18) 5/8" sheets of plywood, cover the four sides of the structure as depicted in the right and four following pages.

The ten 9 3/4" by 4' pieces should be cut from the two door cutouts.

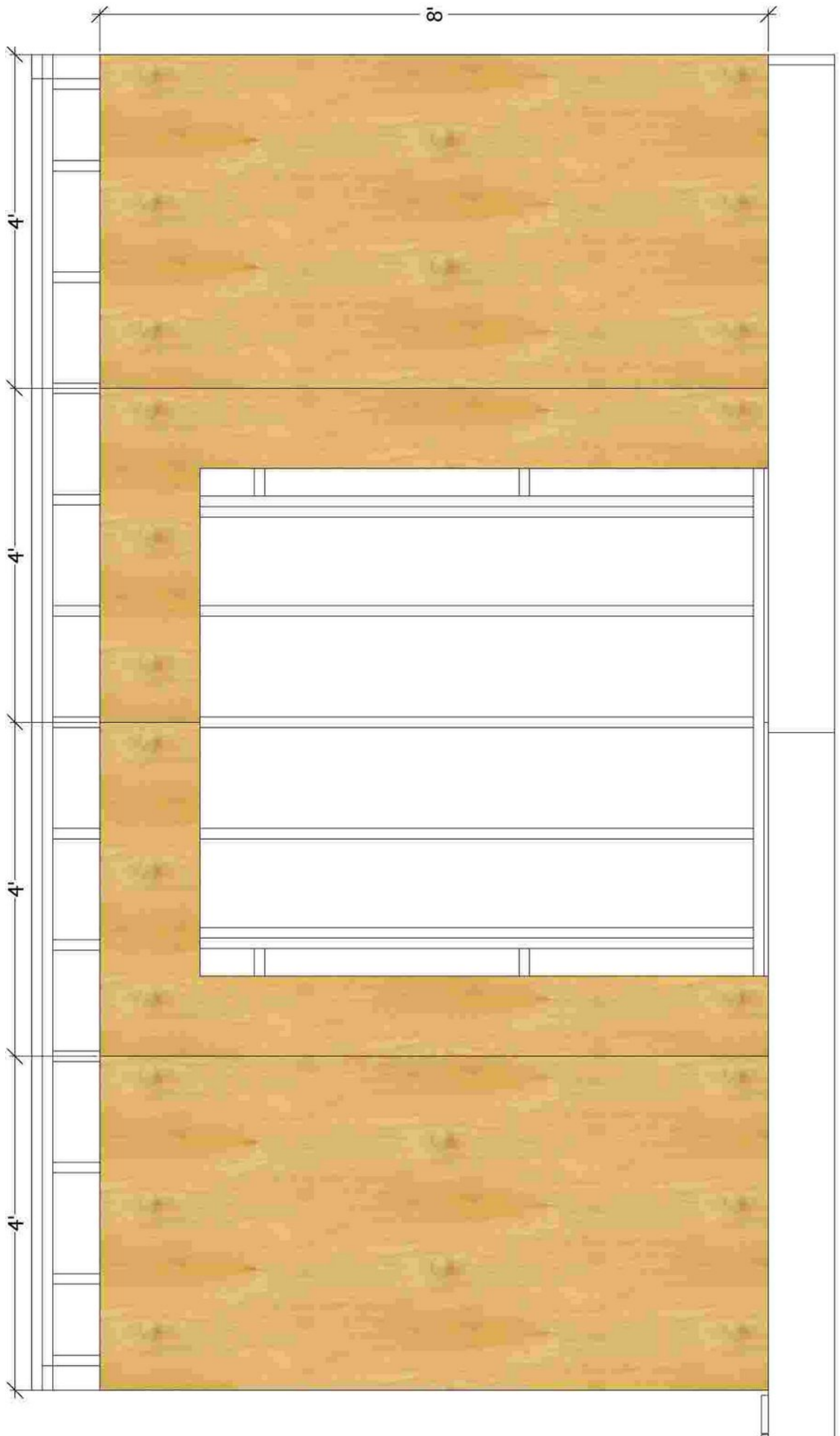
Cutting the windows out with a hand saw or reciprocating saw after the full pieces have been installed is recommend.

Front Wall

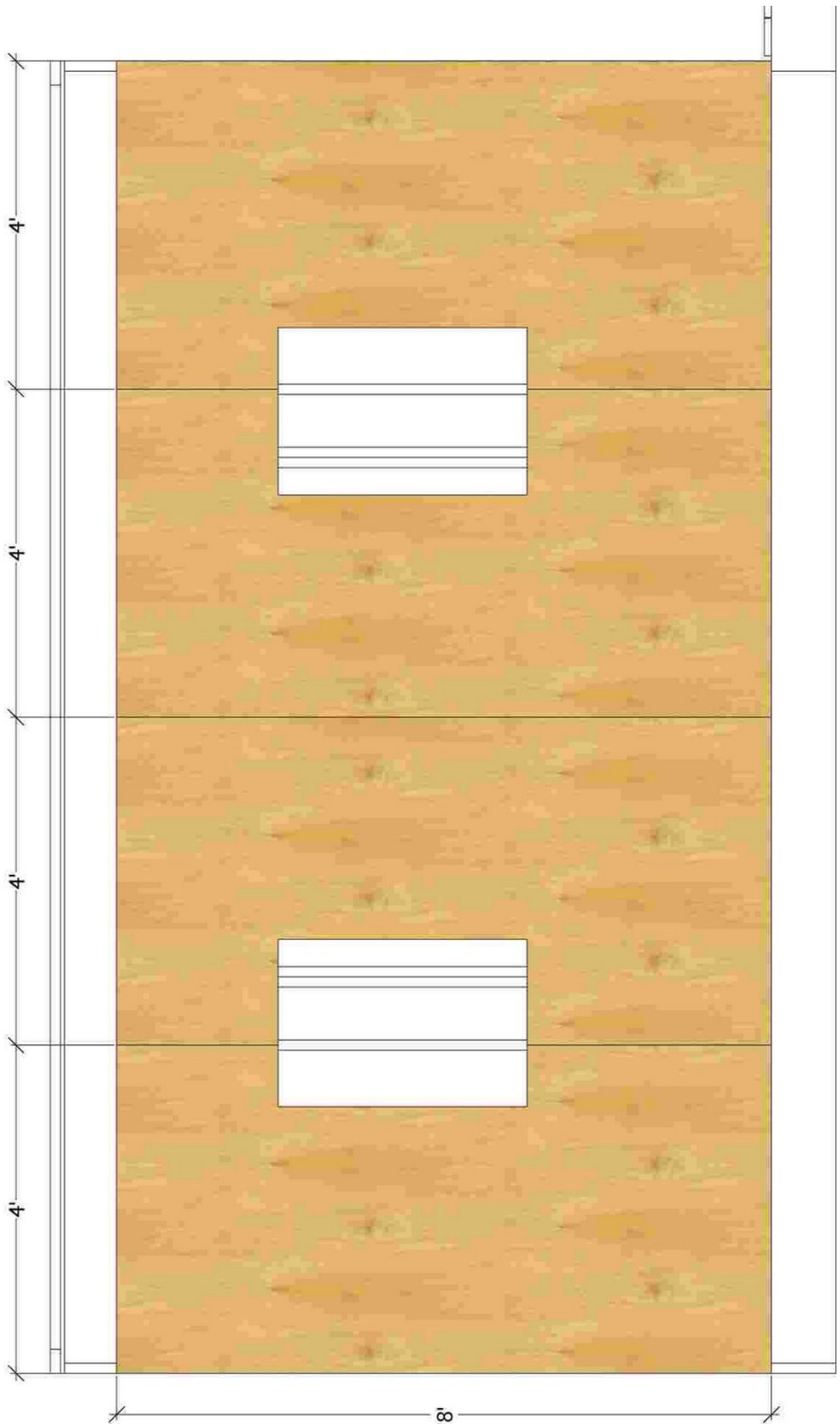




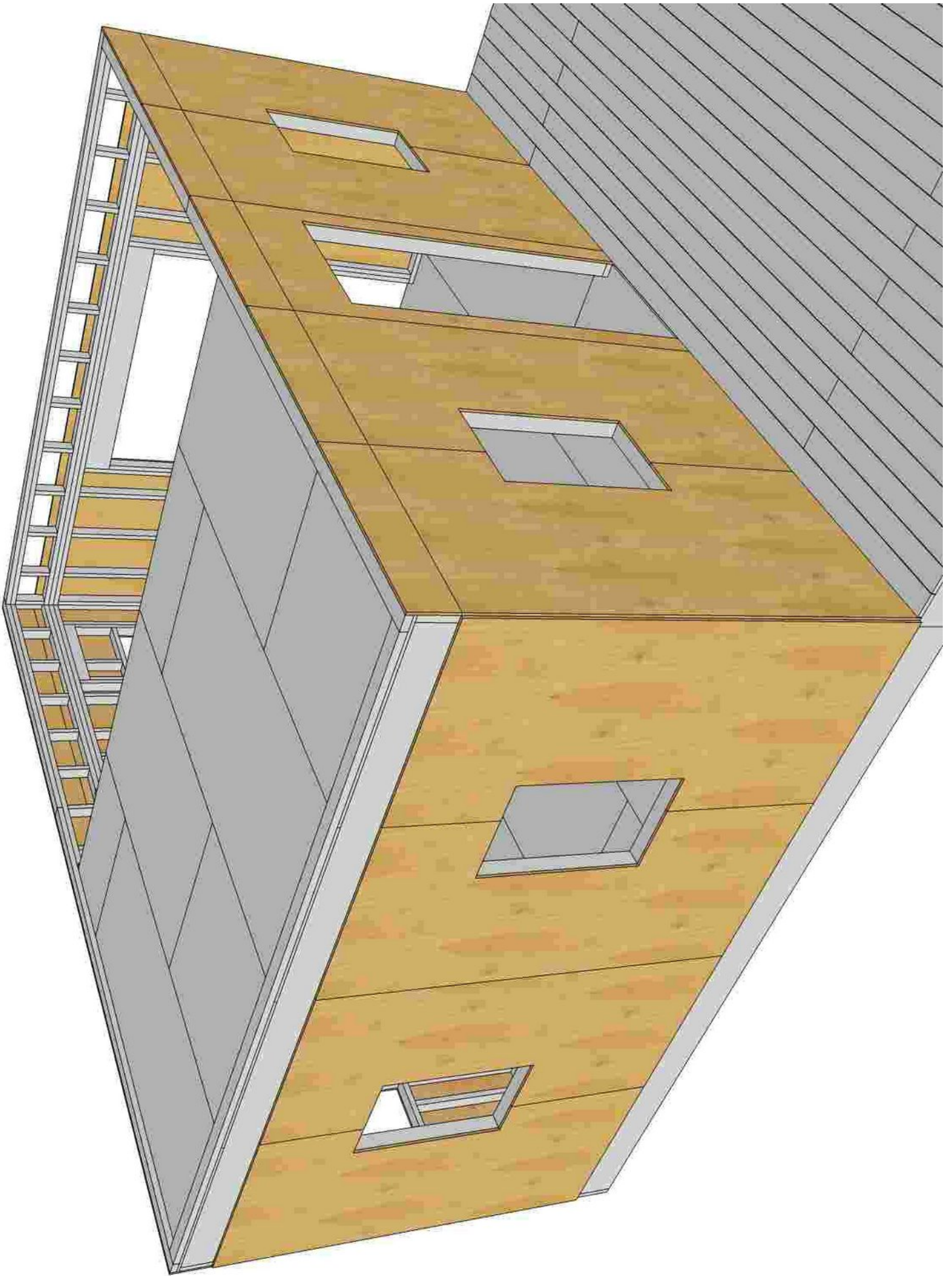
Back Wall



Right Wall



Left Wall



# 12

## Framing the Main Rafters

From (2) 2x8x8s, cut the two pieces depicted in the right illustrations. These two pieces will make up one of the common rafters as depicted on the next page. Use two nail plates, one on each side, to hold the two pieces together.

**Thirty one** of these rafters will be required.

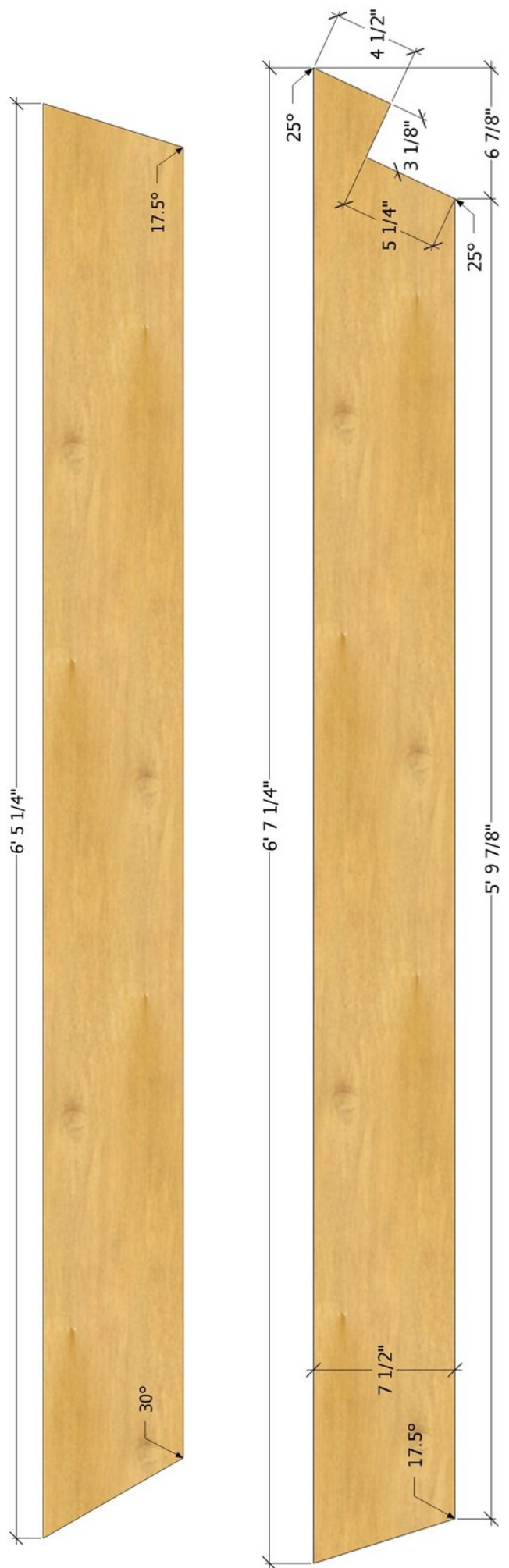
Use (2) 2x10x10s to make a 20' long roof ridge.

Assemble and install the rafters and roof ridge to the top of the structure as depicted on pages 49 and 50.

From (2) 2x8x10s, cut six of the rafter depicted on page 51.

From (1) 2x8x8, cut and rip the piece depicted in the right illustration on page 51.

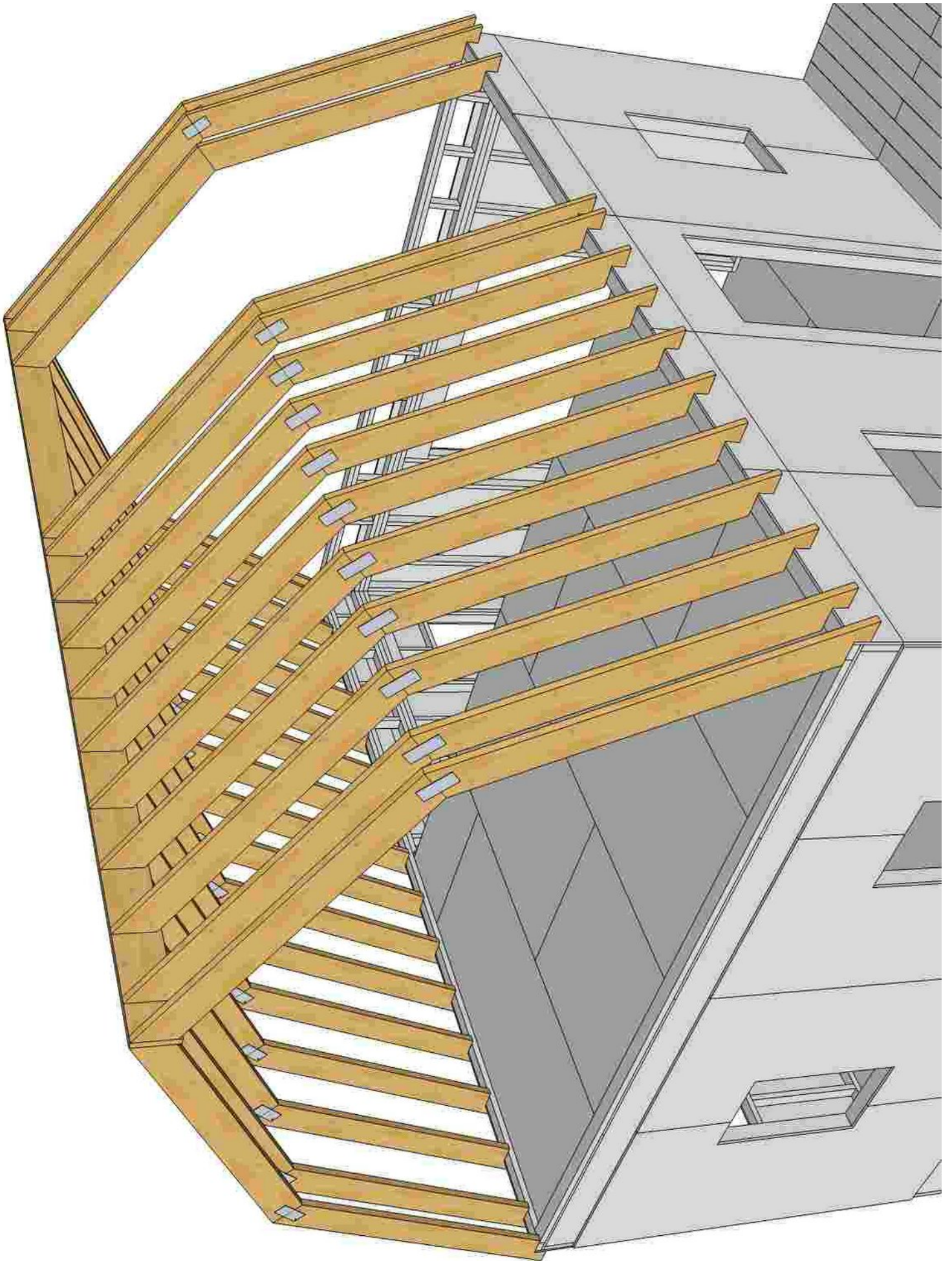
Combine and install these components to the roof assembly as depicted on page 52.

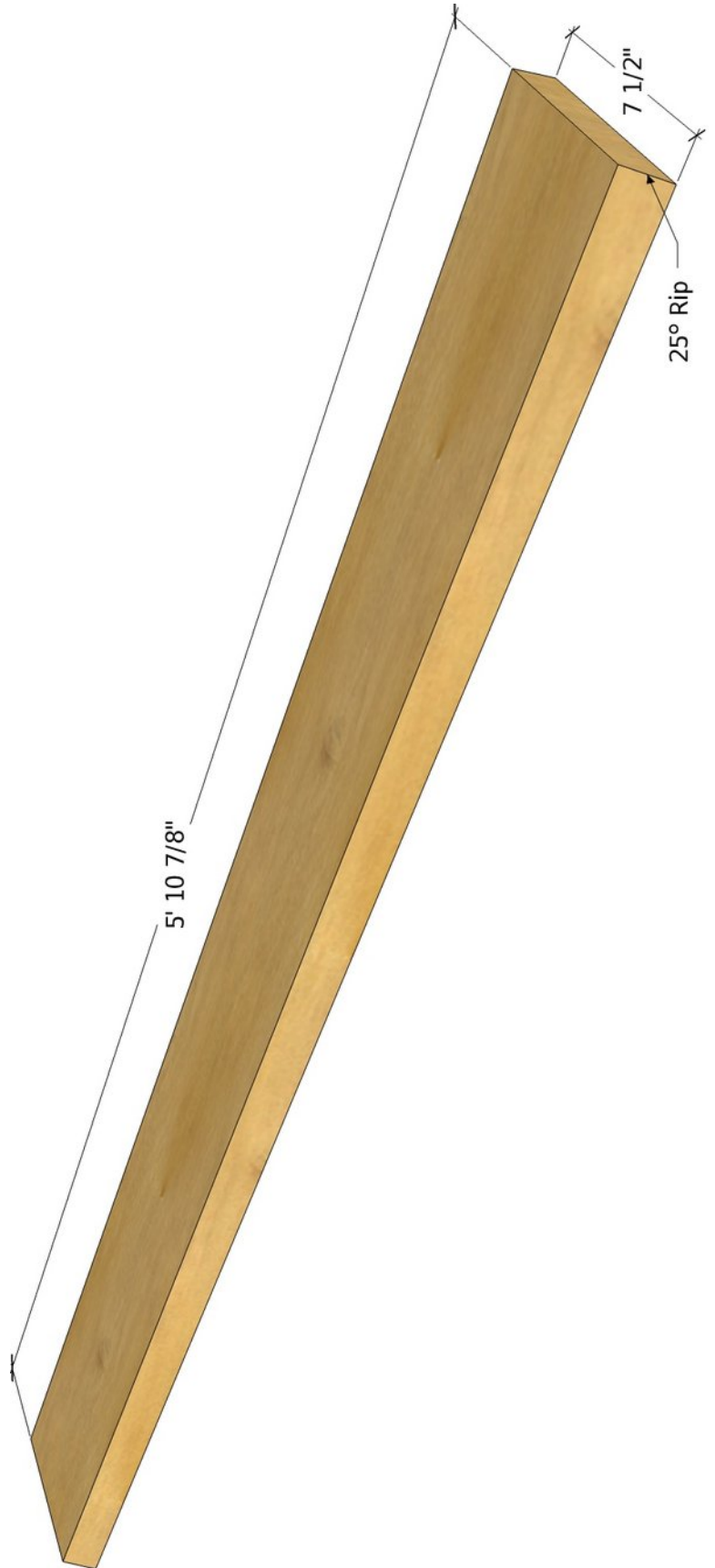
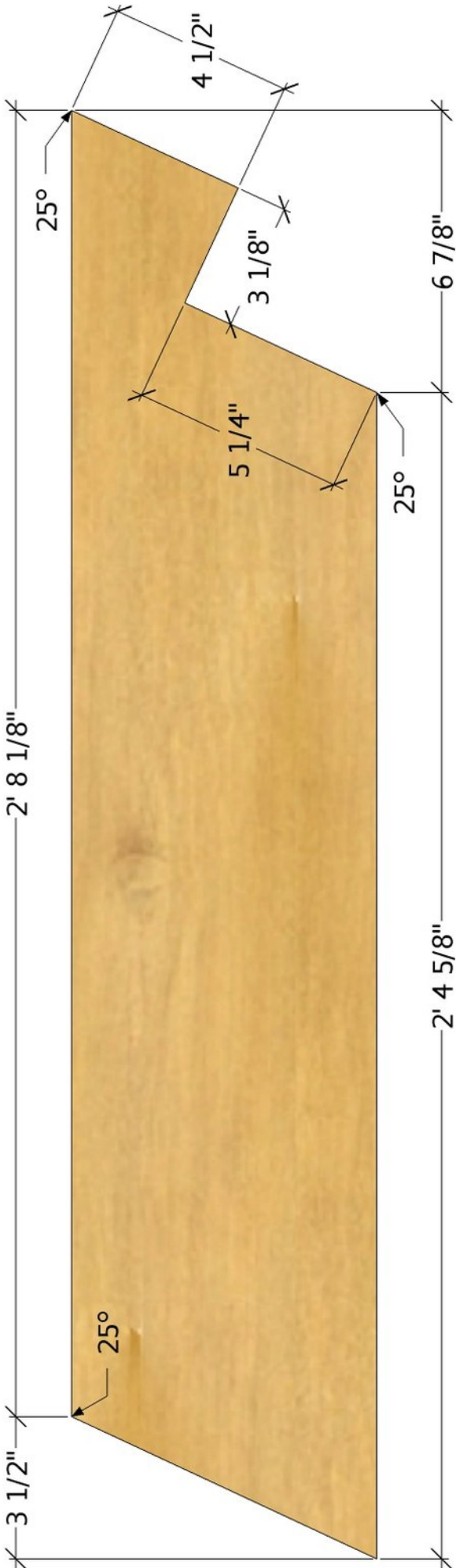


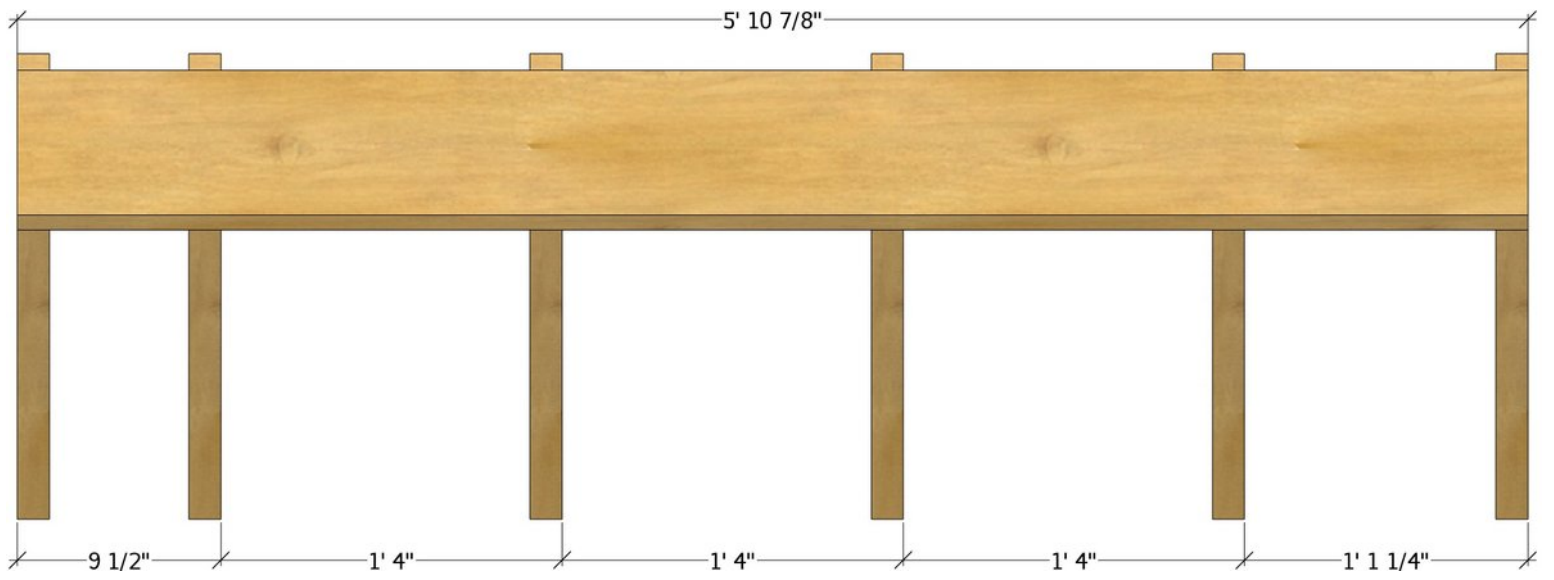












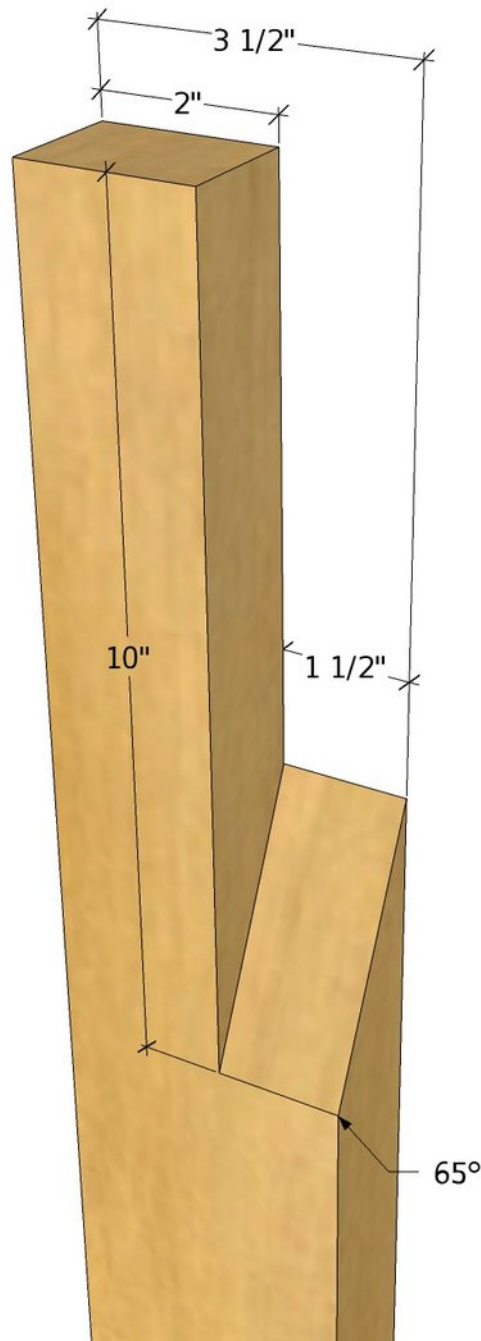
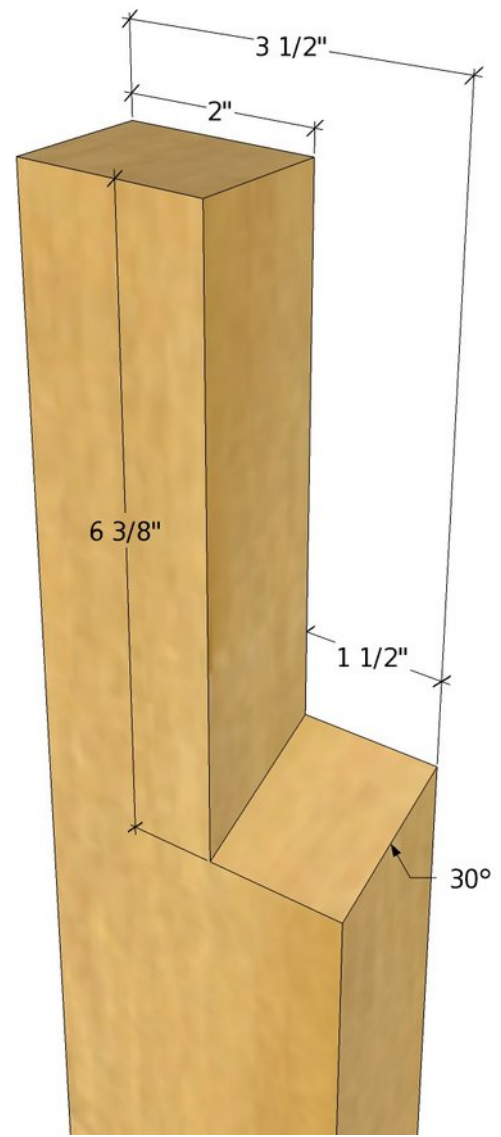
# 13

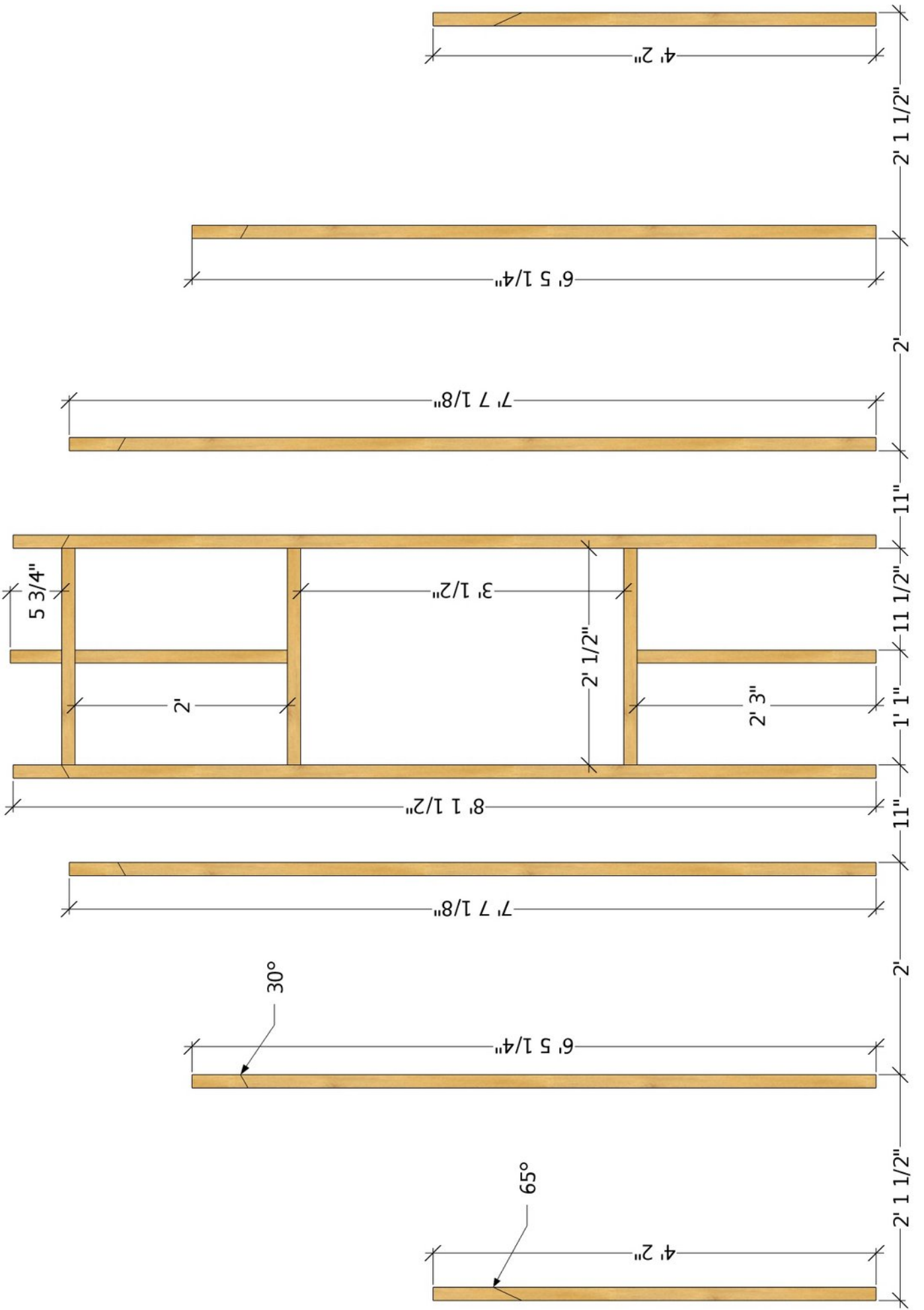
## Framing the Gable Studs

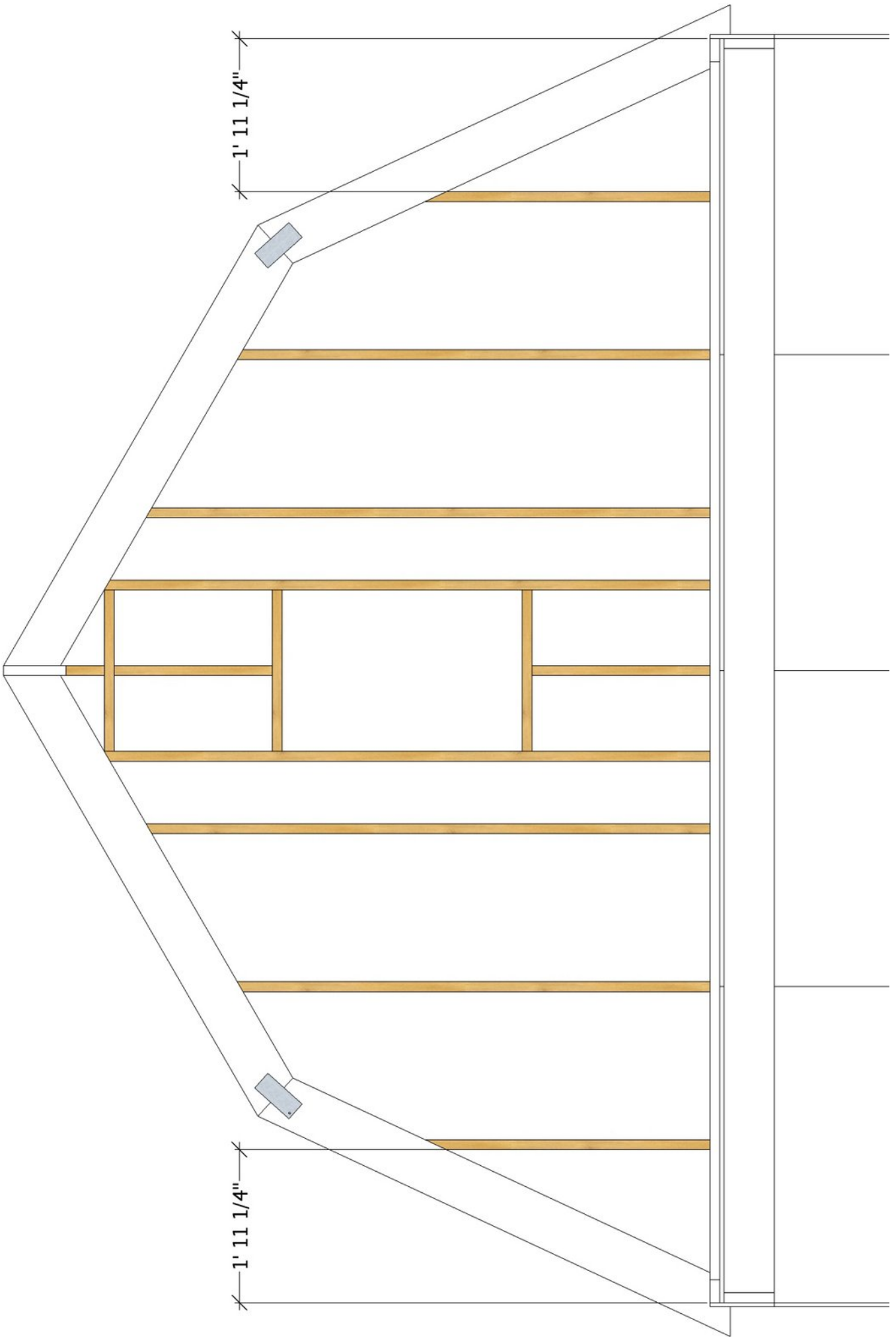
From (4) 2x4x8s and (4) 2x4x10s, construct the gable stud assembly as depicted on the next page. The left side of the assembly will use three of the notch depicted in the right illustration, and one of the notch depicted in the bottom illustration. The right side of the assembly will have their notches mirrored to the left side.

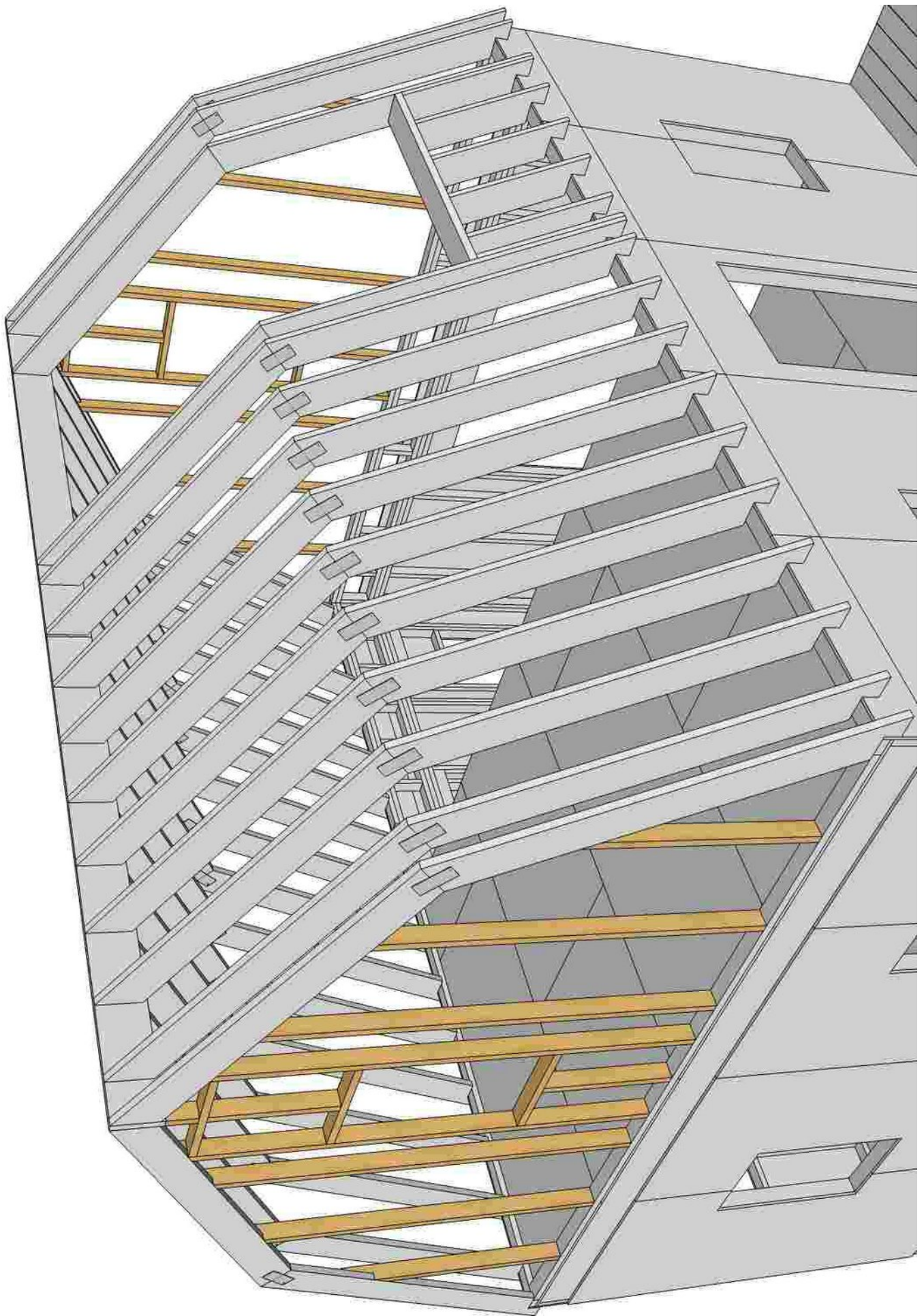
**Two** of these gable stud assemblies will be required.

Install the two gables as depicted on pages 55 and 56.









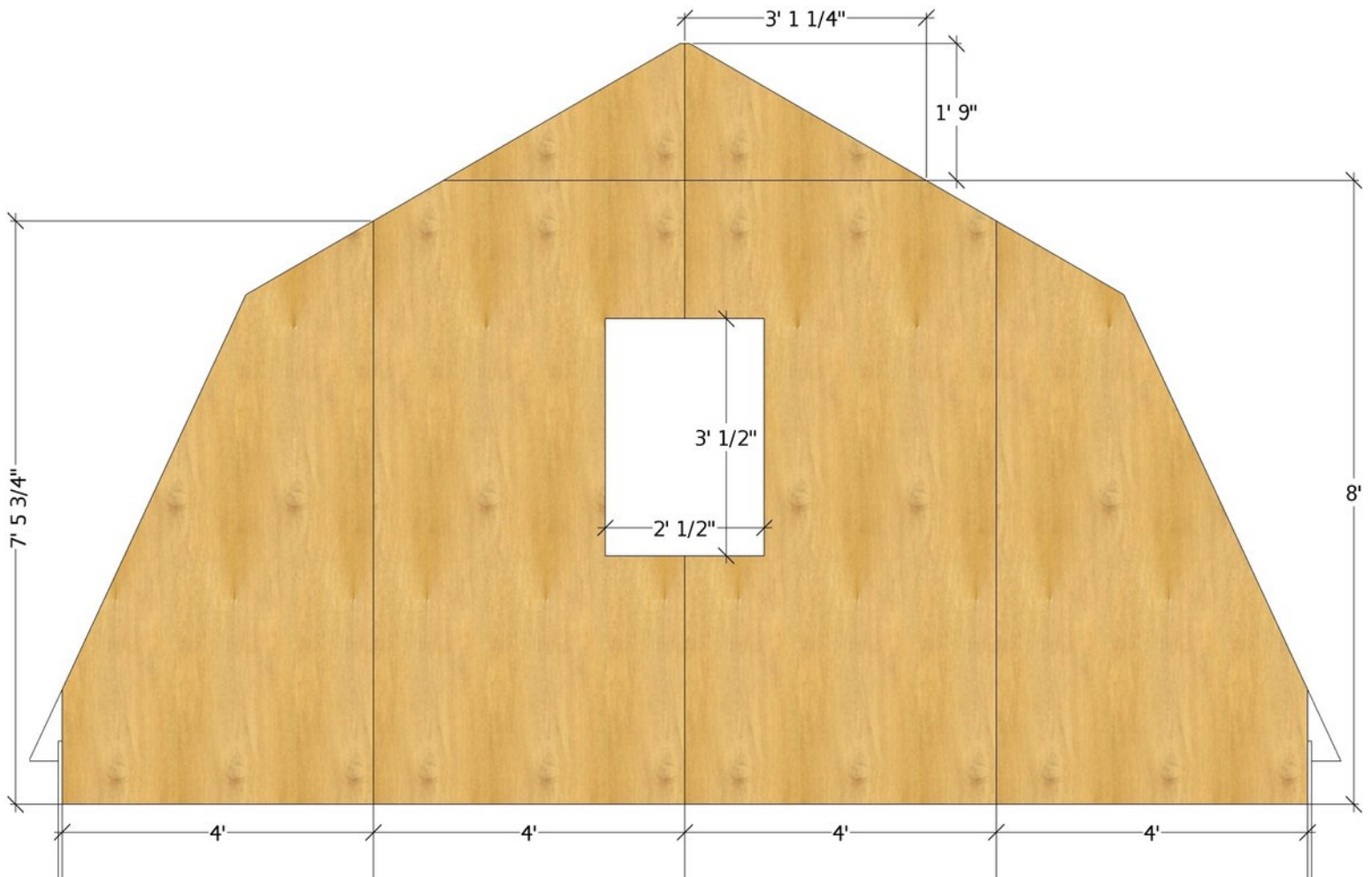


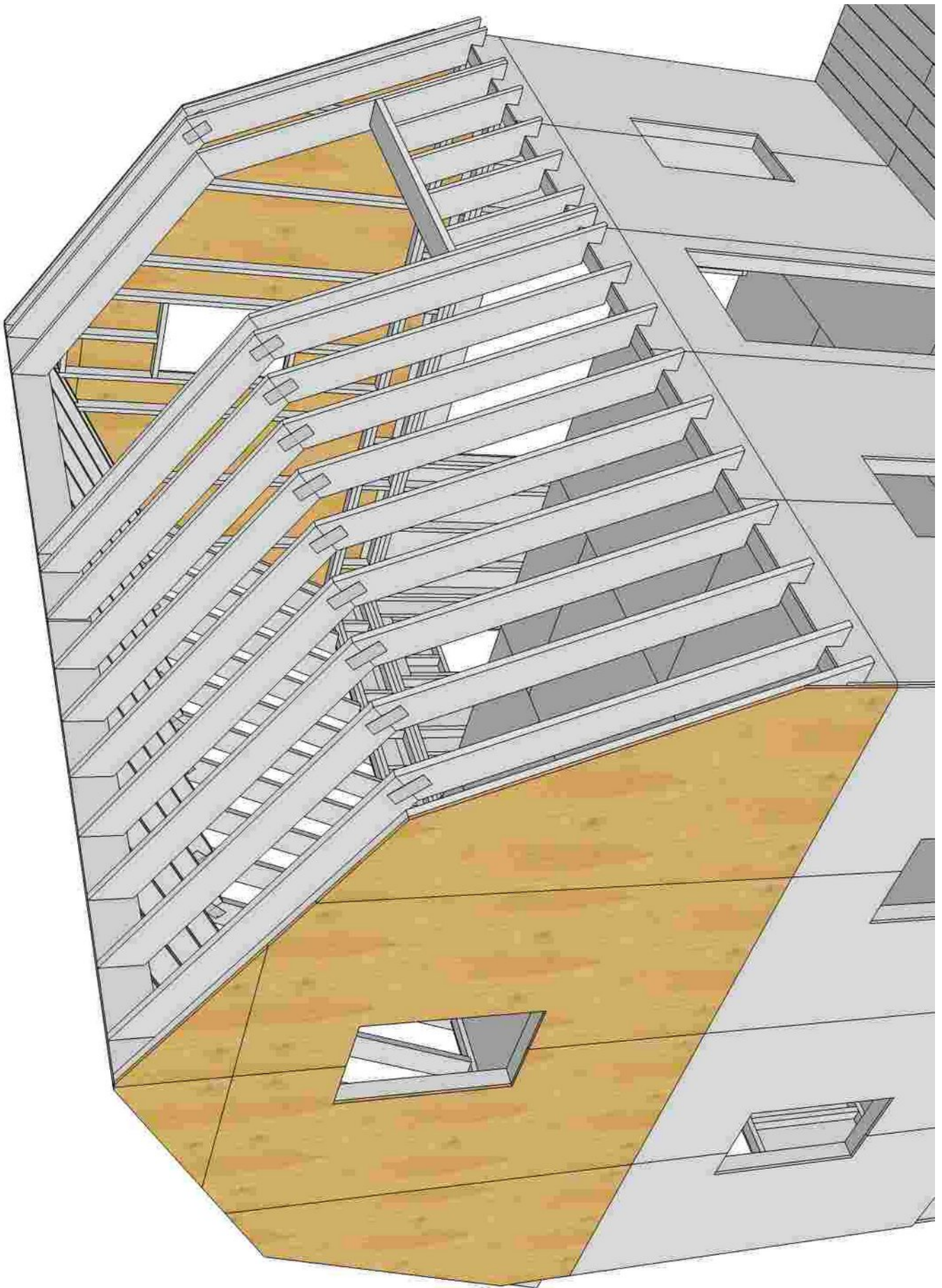
# 14

## Sheeting the Walls - Pt 2

From (8) 5/8" sheets of plywood, cover the left and right sides of the structure as depicted in the below and next page illustration.

Cutting the windows out with a hand saw or reciprocating saw after the full pieces have been installed is recommend.





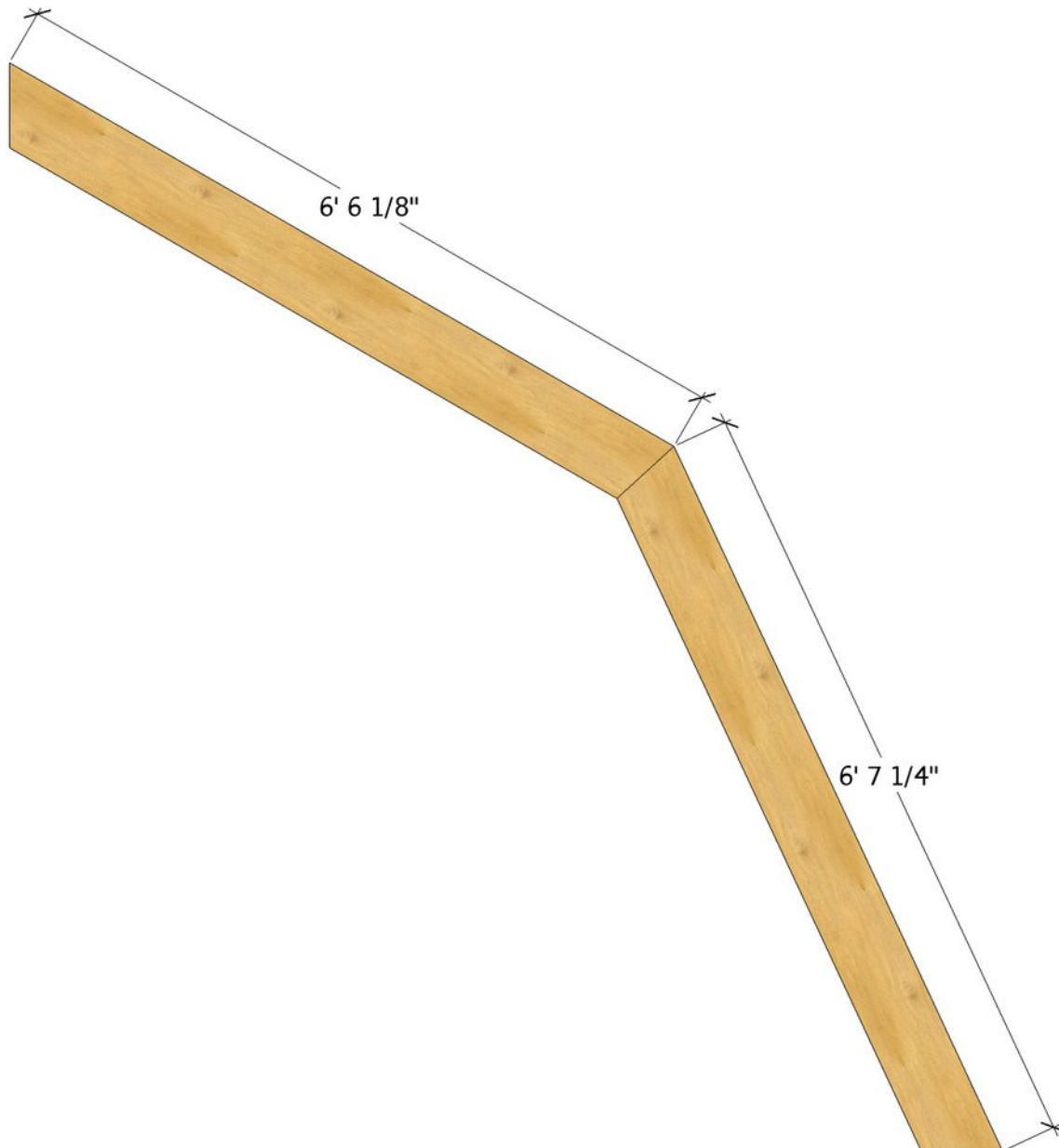
# 15

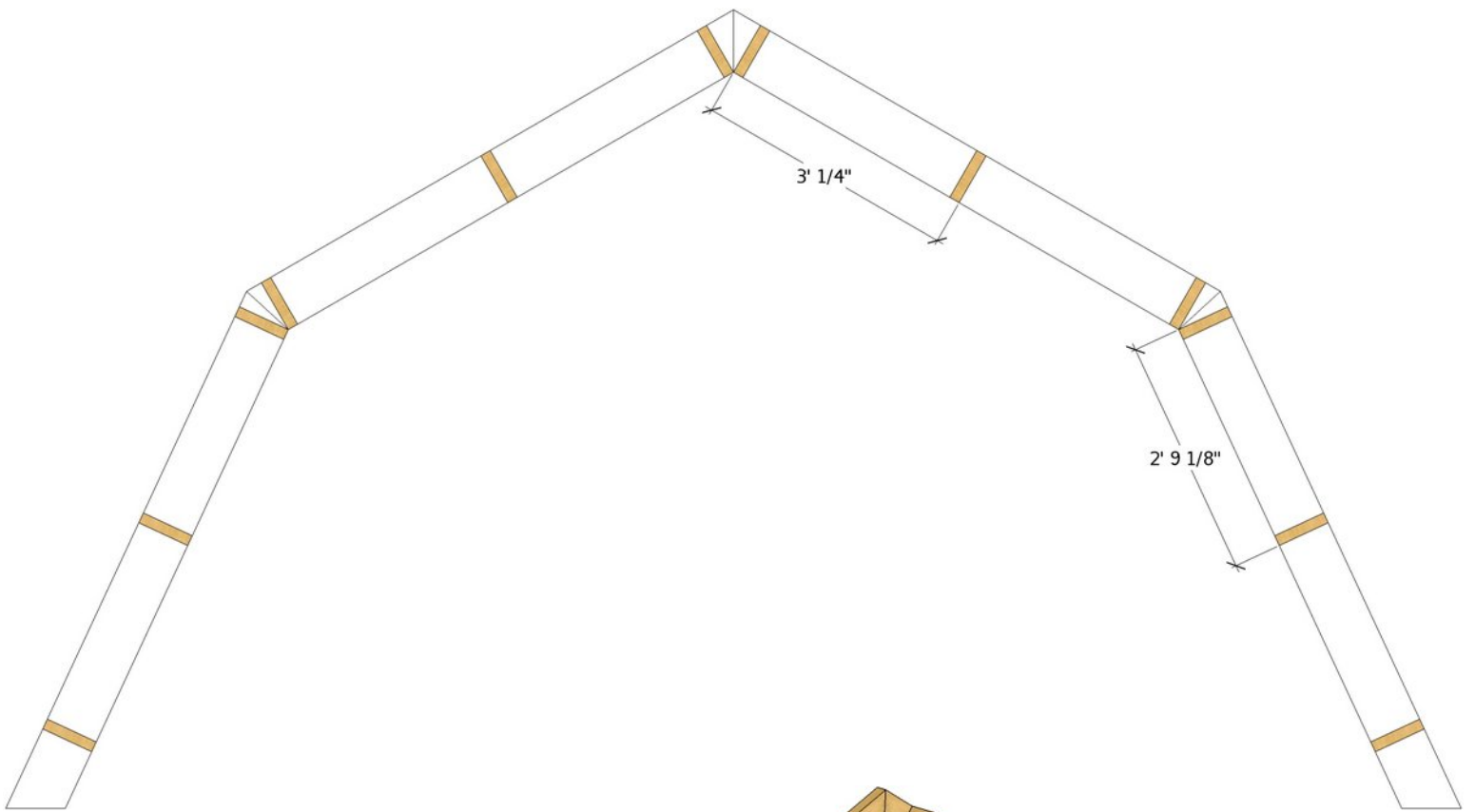
## Framing the Show Rafters

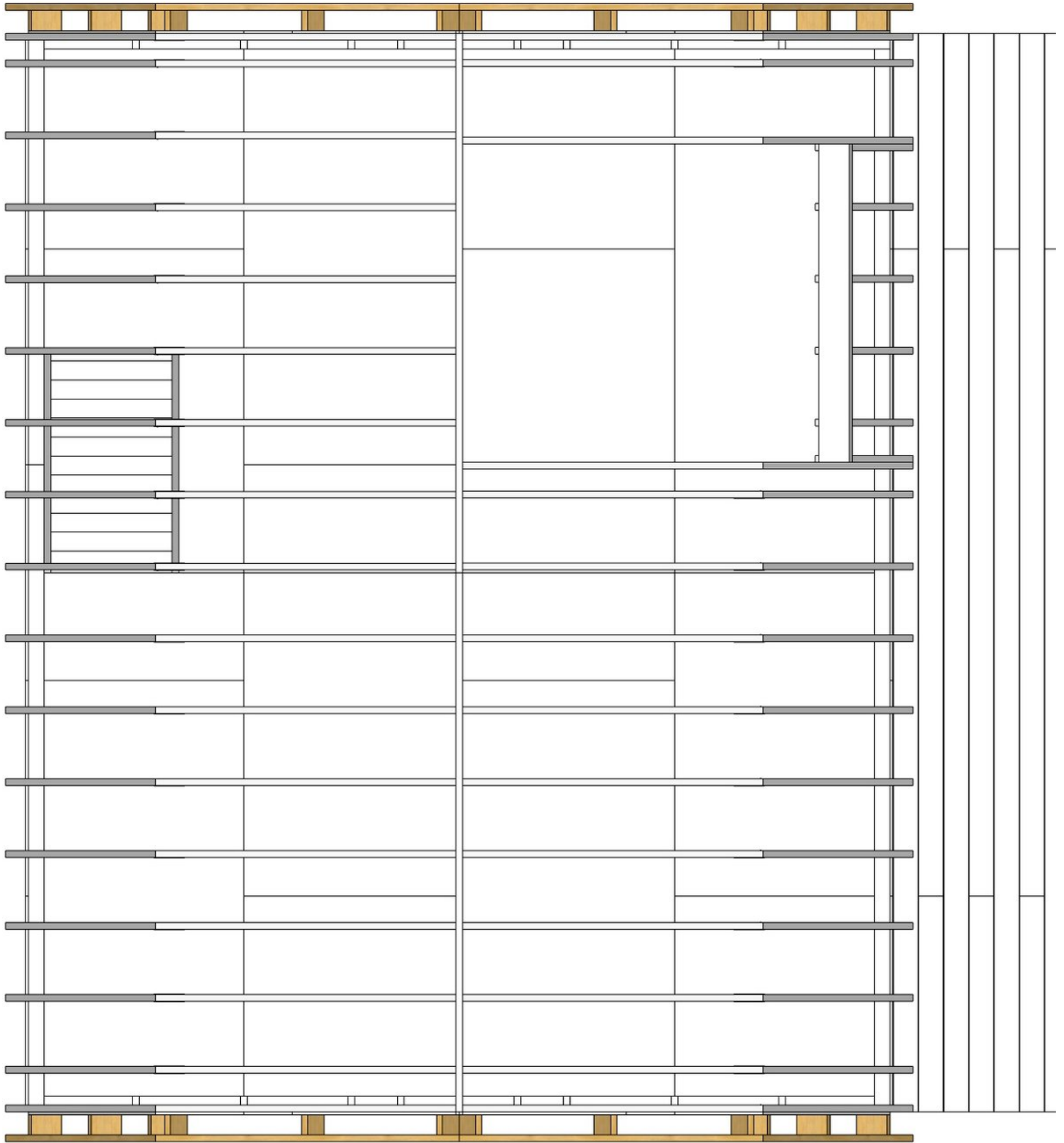
From (8) 2x8x8s, construct four of the rafter unit depicted in the below illustration. These show rafters will have the same angles as those from step 12, but will not have the birds mouth at the bottom.

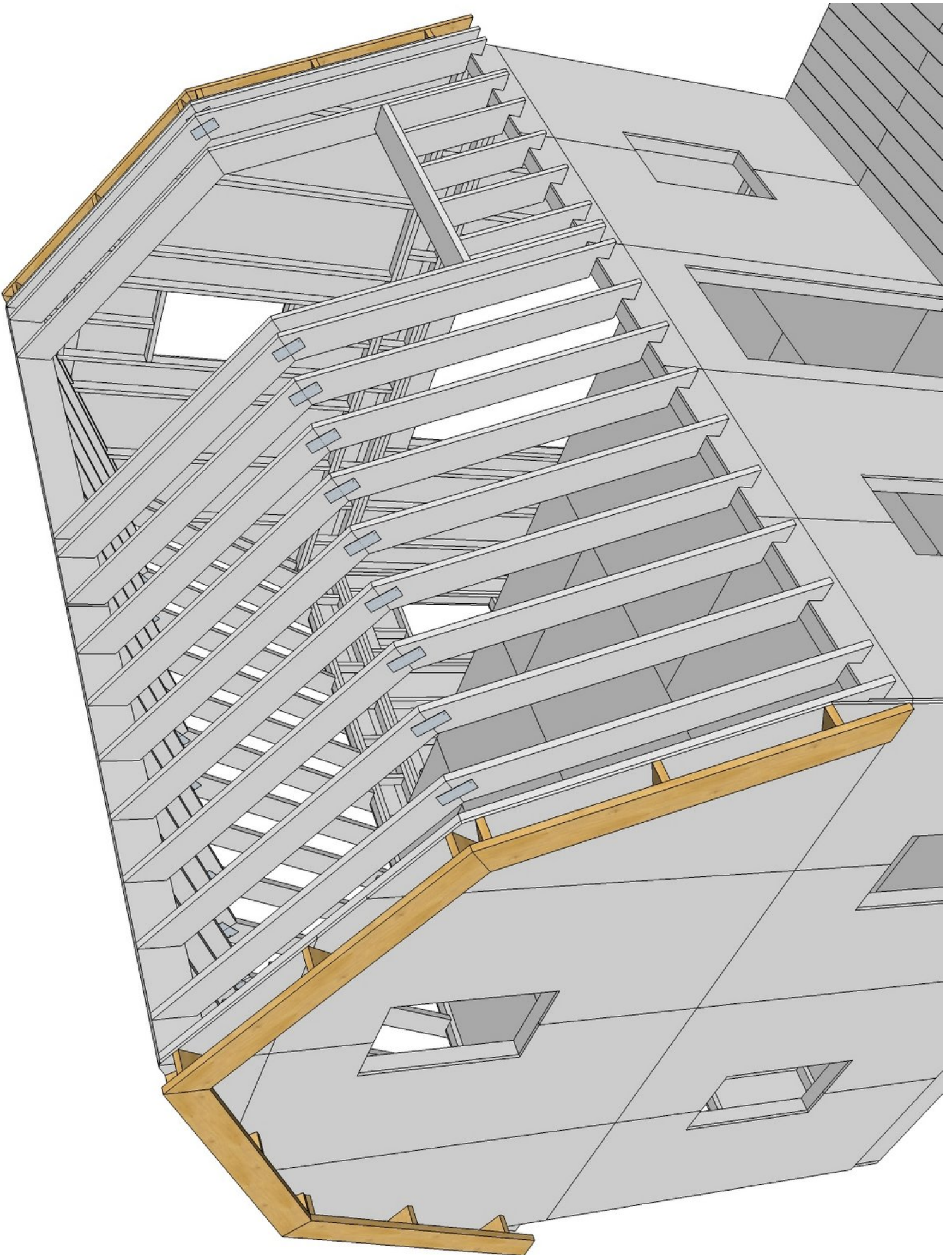
From some excess 2x8 material, cut twenty four 4 1/2" long pieces.

Use these components to make two of the show rafter assembly as depicted on the next page. Install these two assemblies to the left and right sides of the structure as depicted on page 61 and 62.









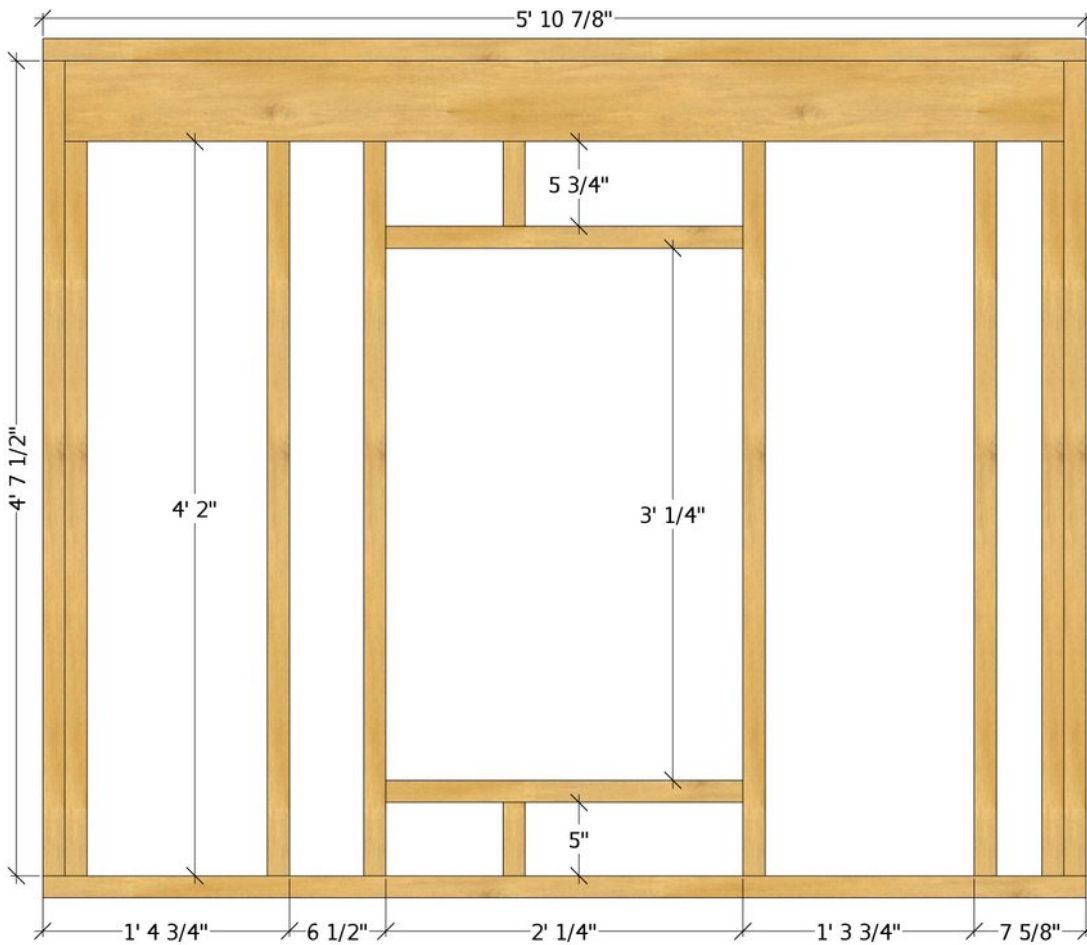
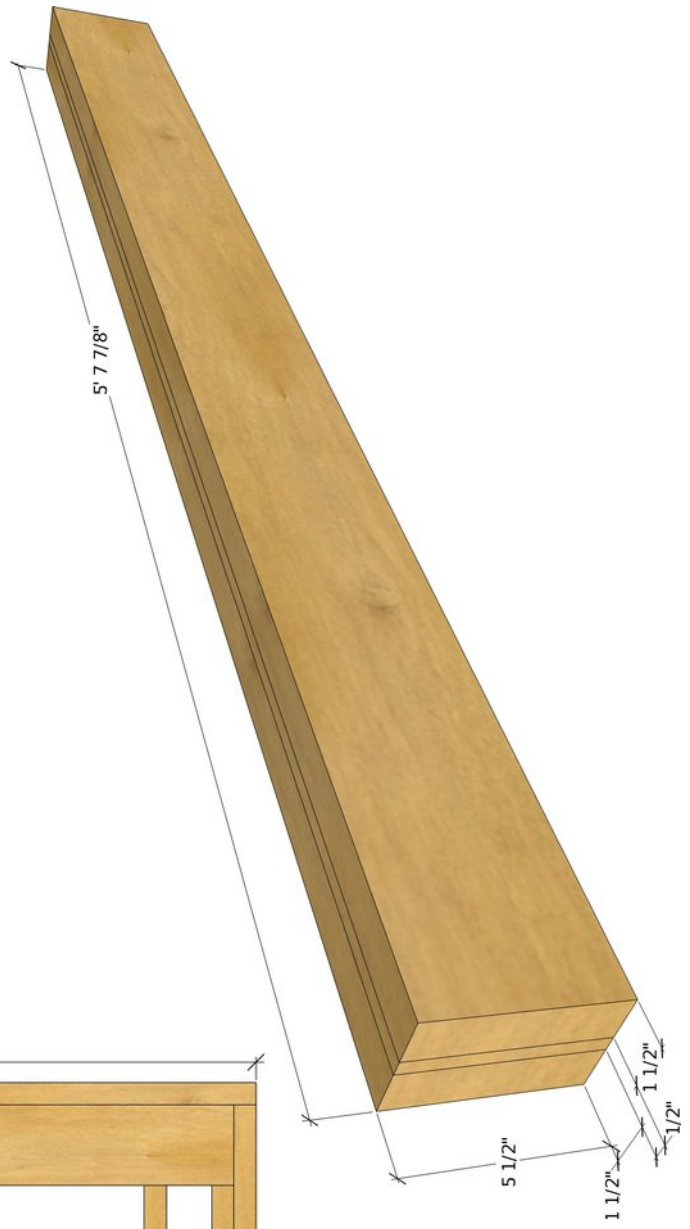
# 16

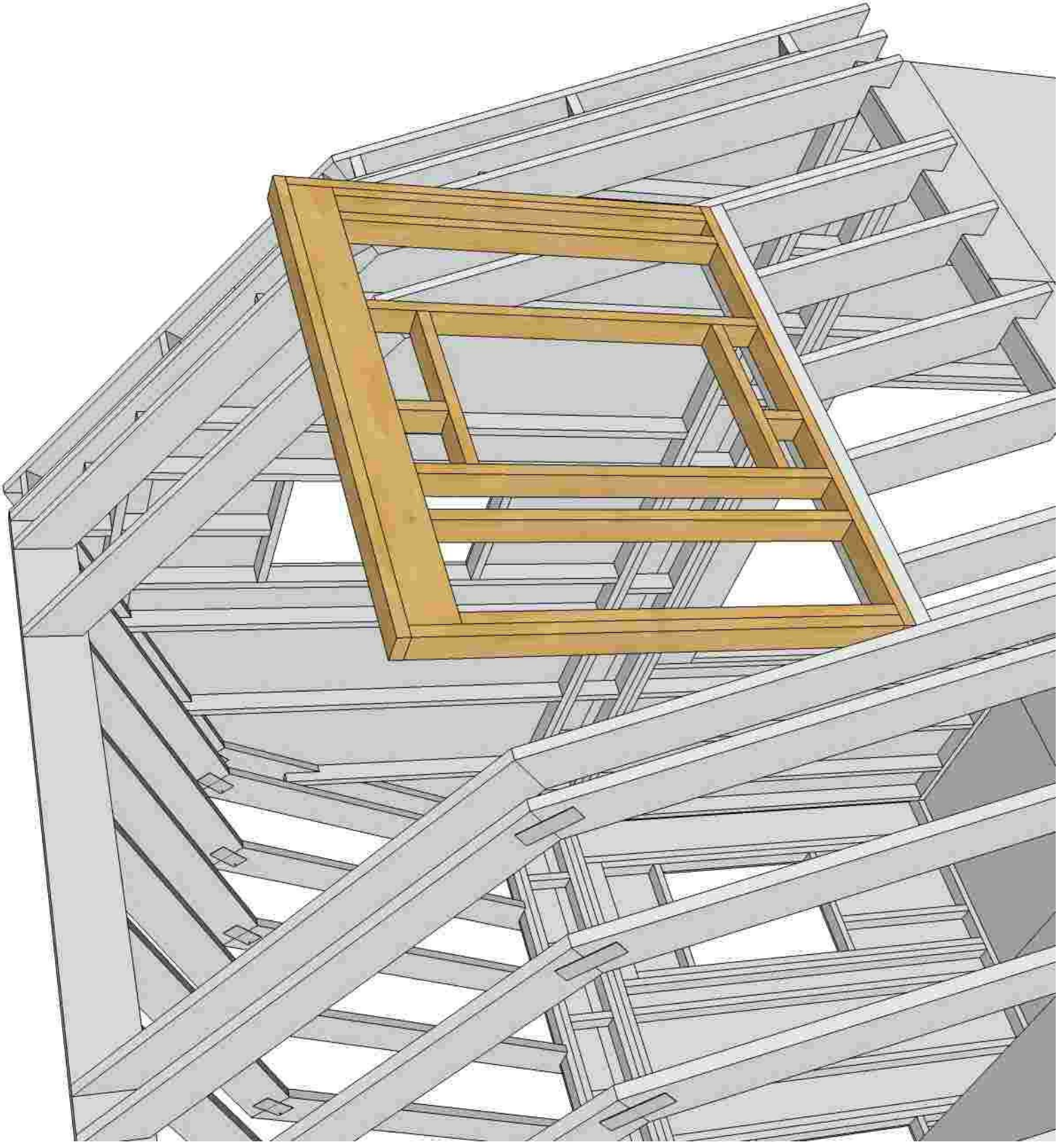
## Framing the Dormer

From (1) 2x6x12, cut two 5' 7 7/8" pieces.  
 From some excess of the 1/2" sheet of plywood, piece in the appropriate amount to construct the header depicted in the right illustration.

From (1) 2x4x8, (4) 2x4x10s, the header depicted in the right illustration and some excess 2x4 material, construct the dormer wall depicted in the below illustration.

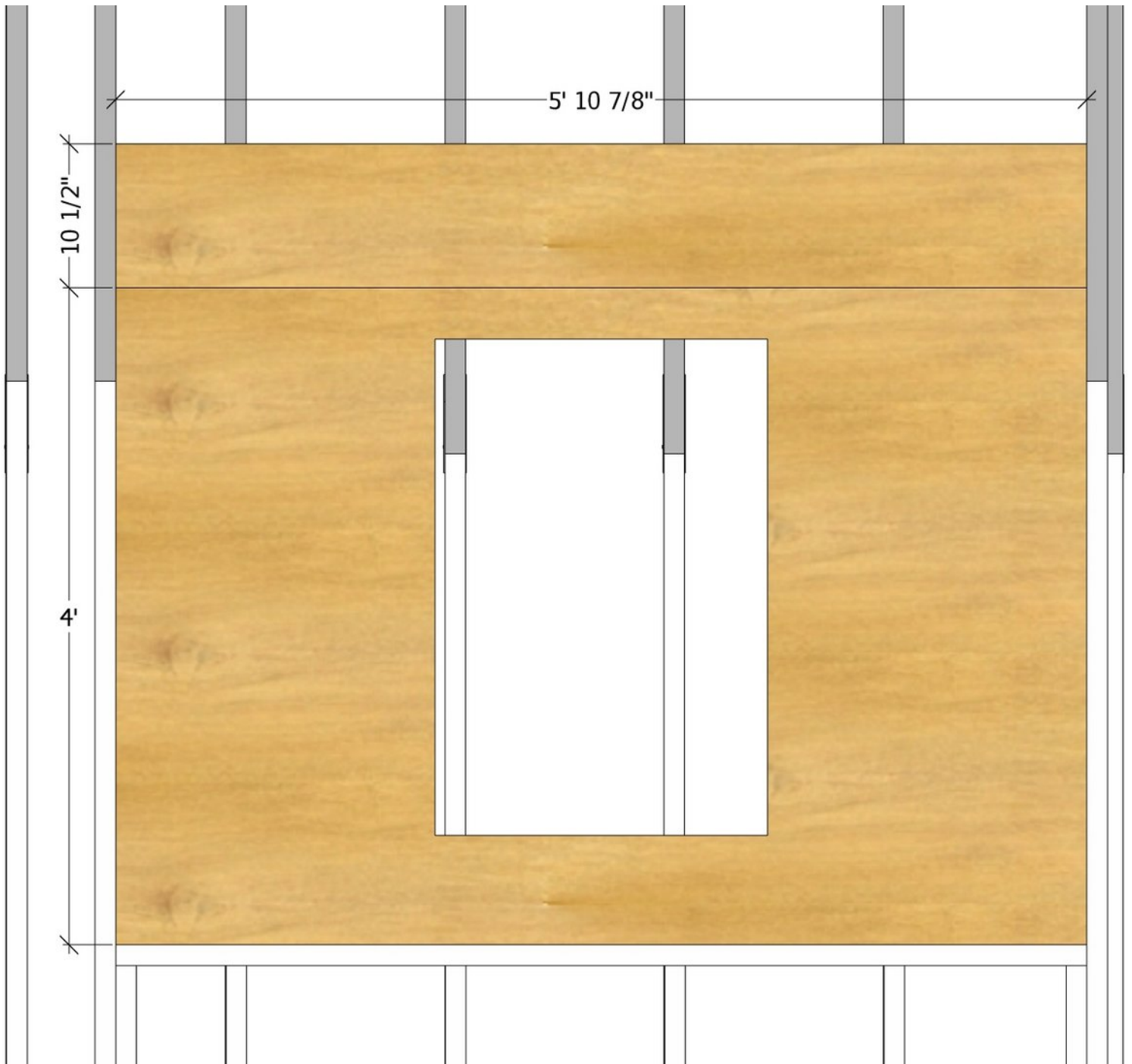
Install this wall to the structure as depicted on the next page.





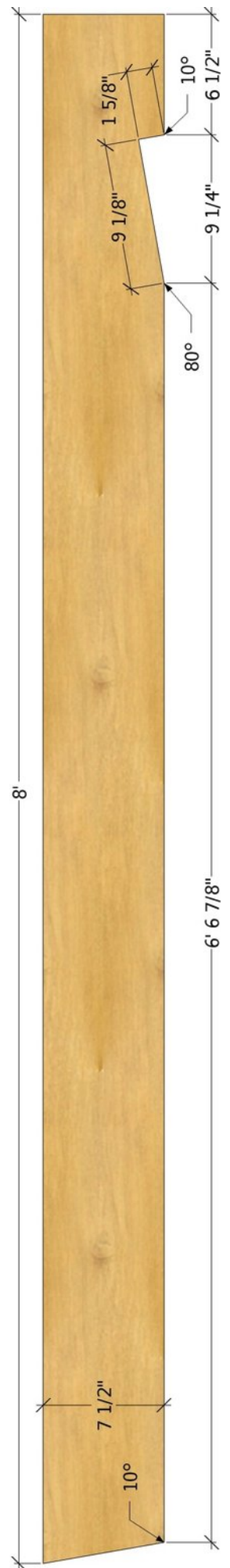
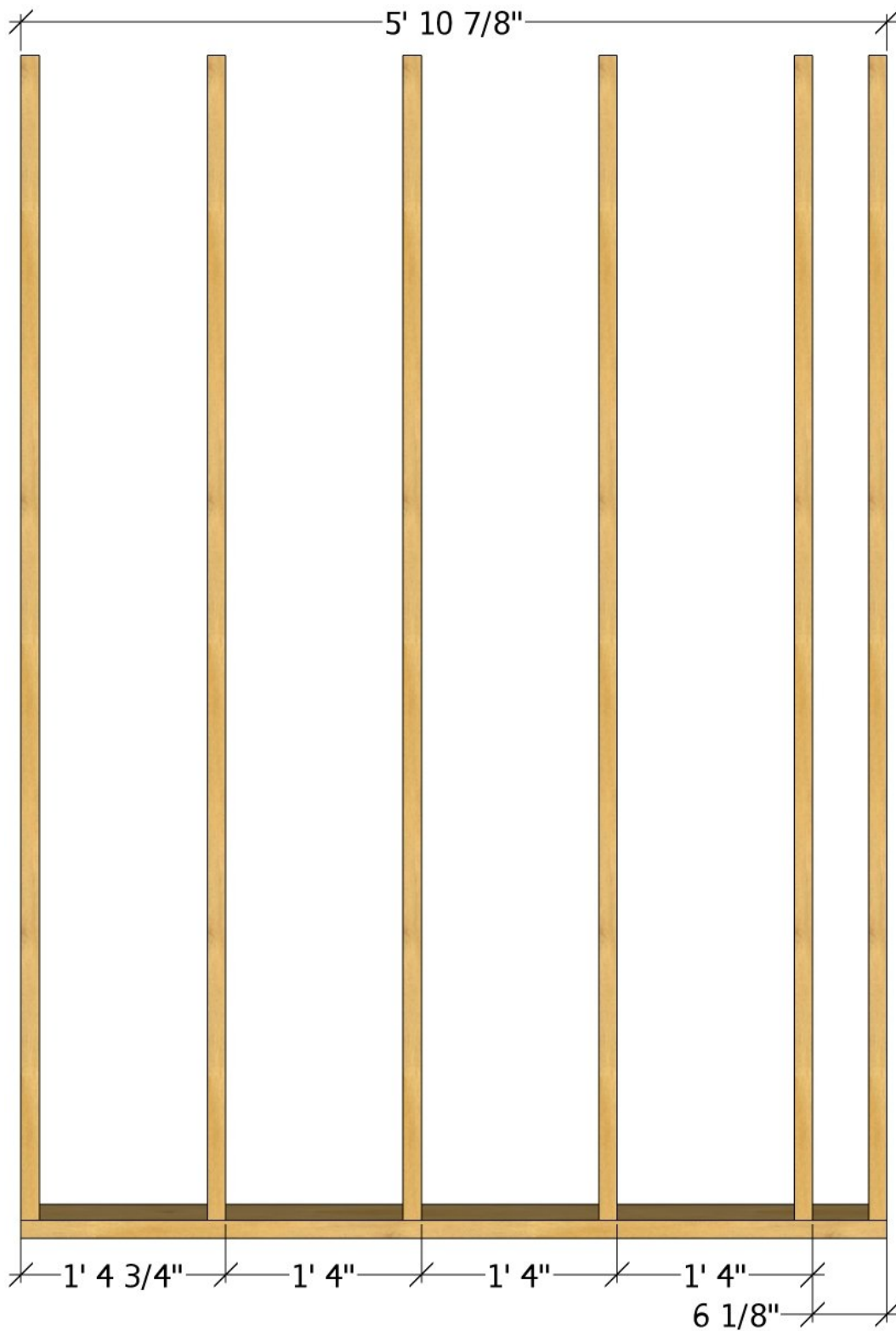


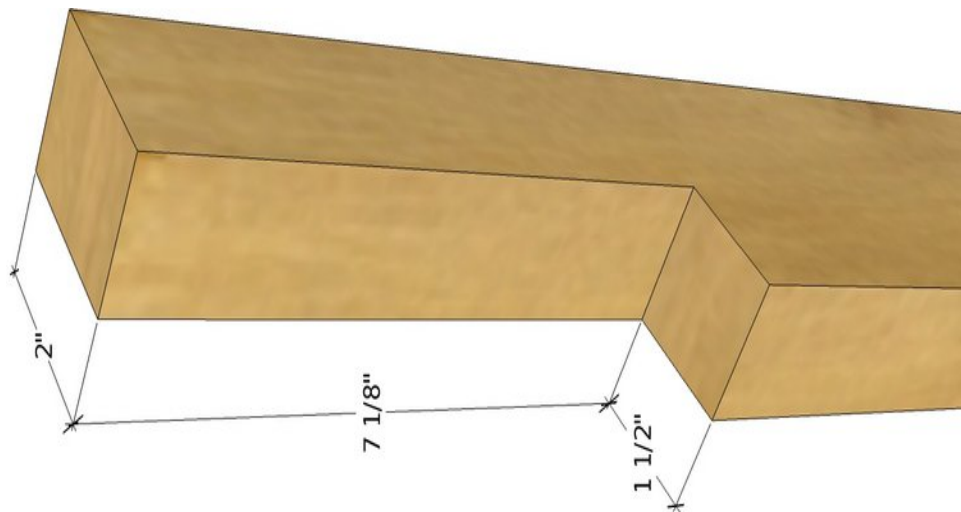
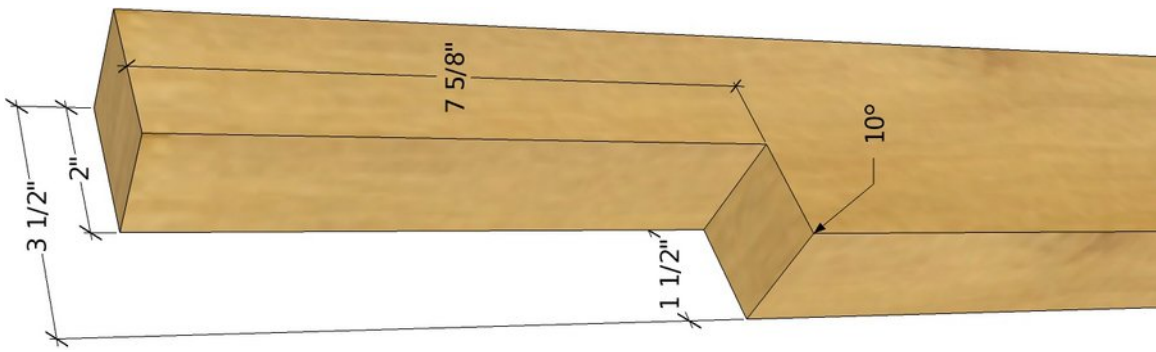
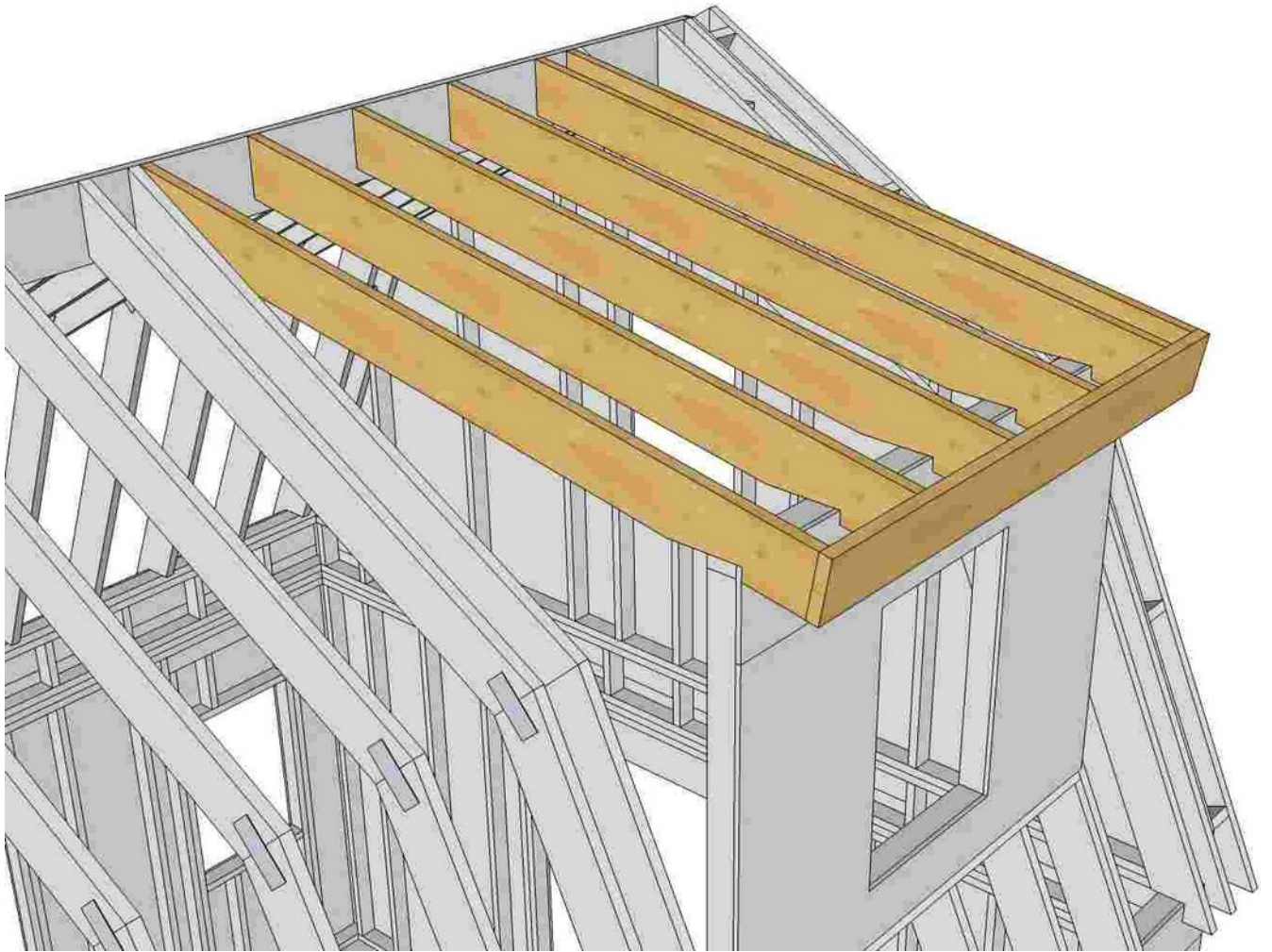
From (1) 5/8" sheet of plywood, as well as some excess material, cut and install the two pieces to the dormer wall as depicted in the below illustration. The 10 1/2" by 5' 10 7/8" piece may need to be made of two pieces.



From (7) 2x8x8s, construct the dormer rafter assembly as depicted in the right and below illustrations.

Install this rafter assembly to the structure as depicted on the next page.

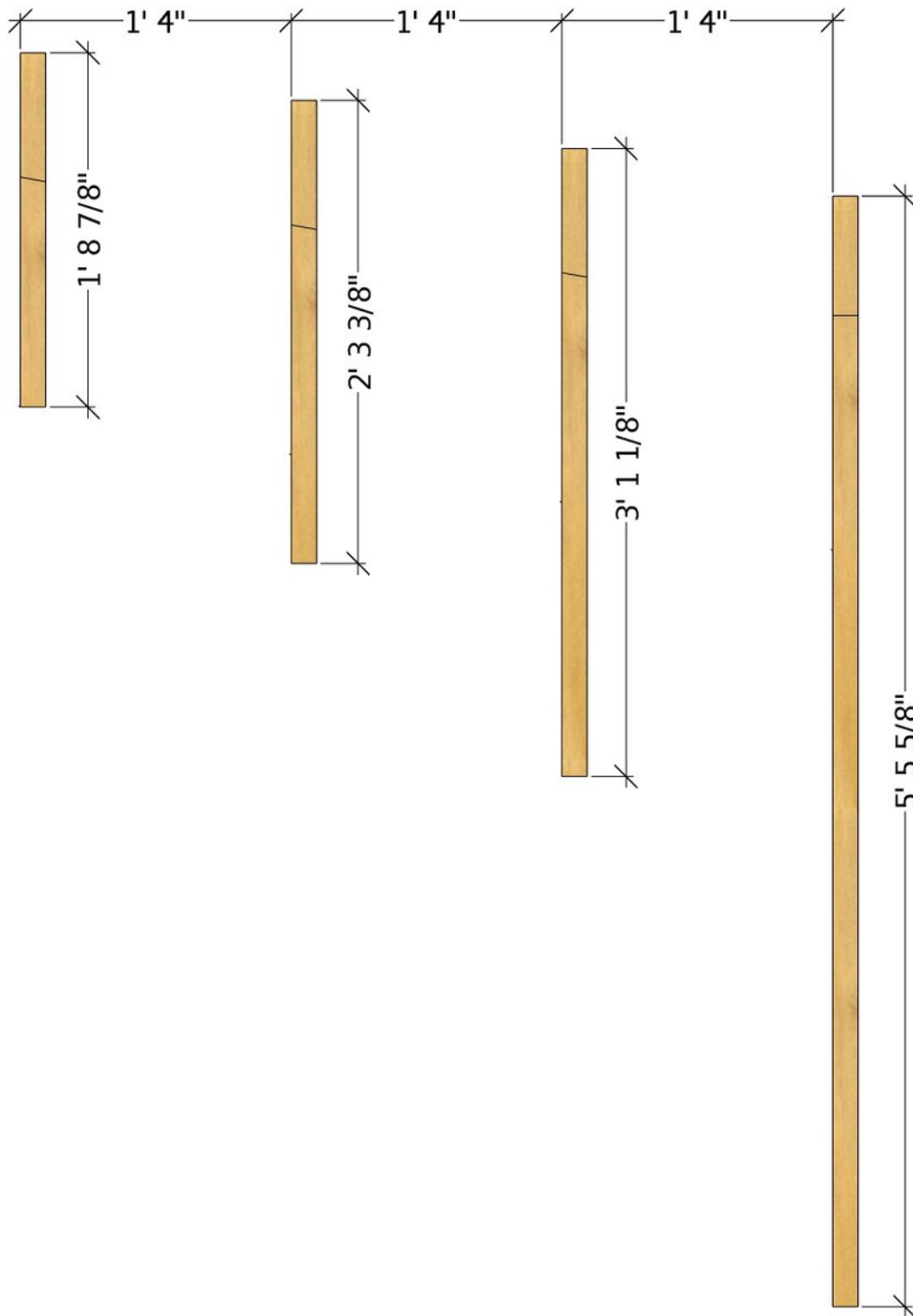


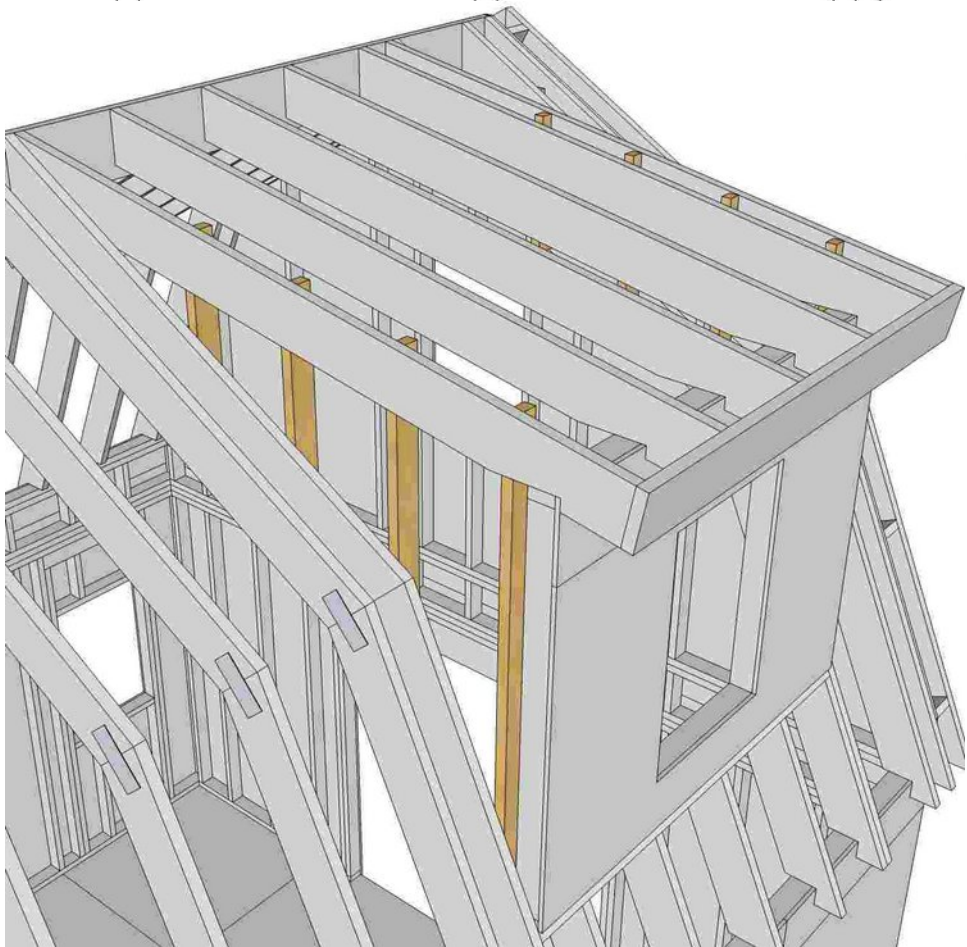
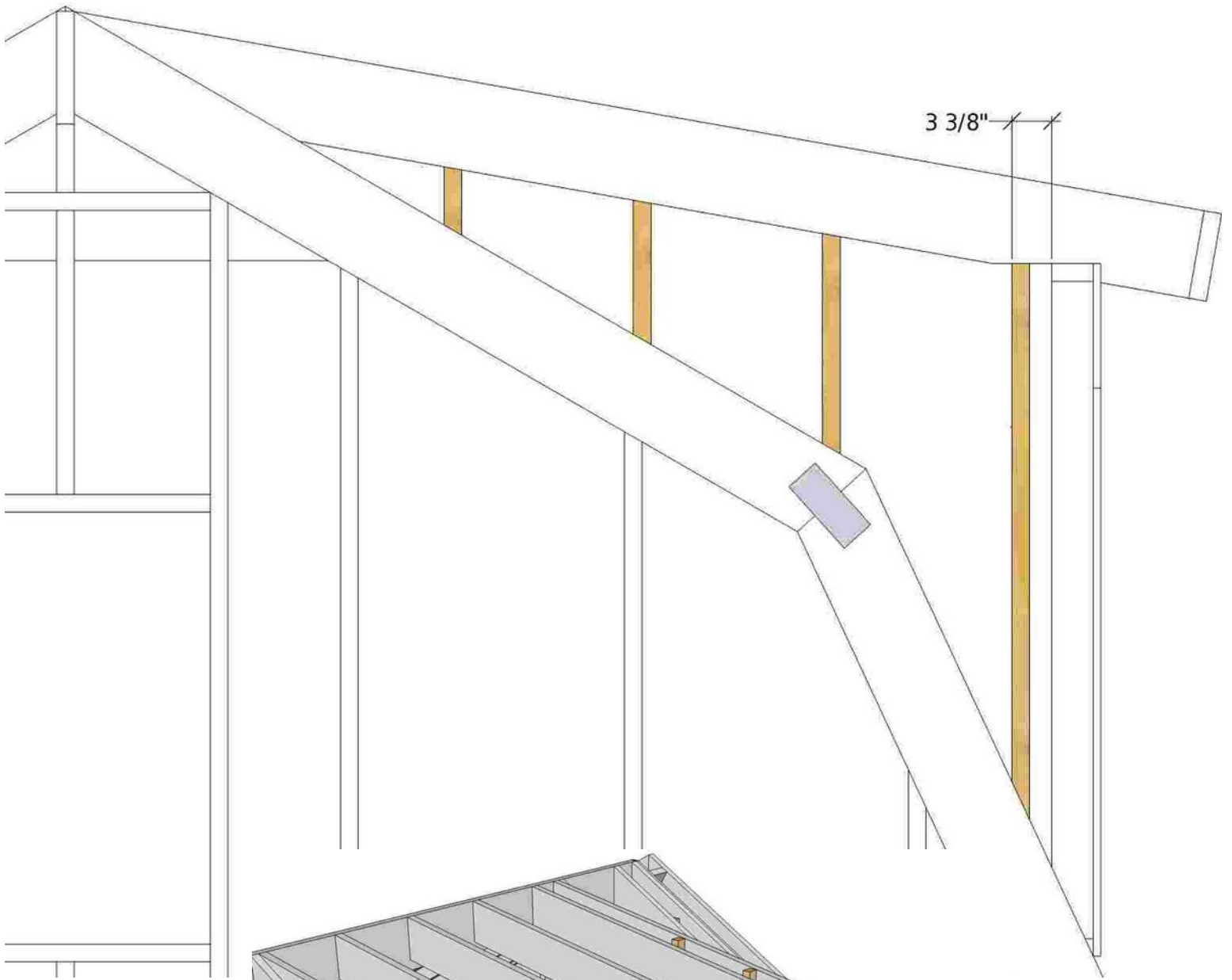


From (2) 2x4x8s, construct the dormer left side stud assembly as depicted in the below illustration. This assembly will use the notches depicted on the previous page.

A **2<sup>nd</sup>**, **mirrored** assembly will also be required.

Install these two assemblies to the left and right sides of the dormer as depicted on the next page.





# 17

## Framing the Interior Railing

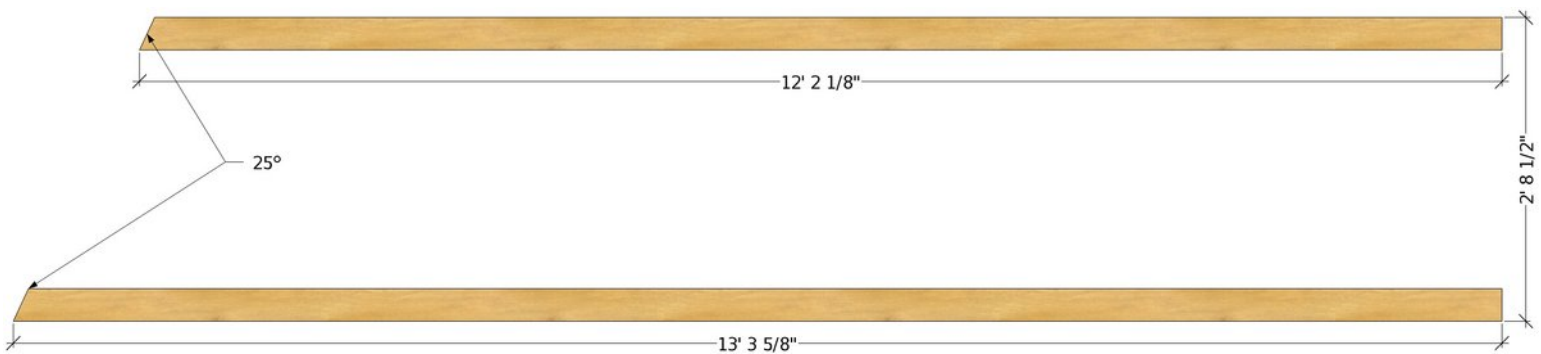
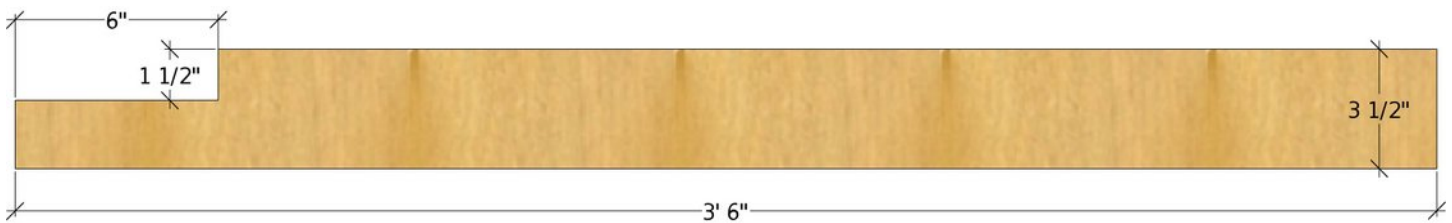
From (2) 4x4x8s, cut two of the piece depicted in the below illustration.

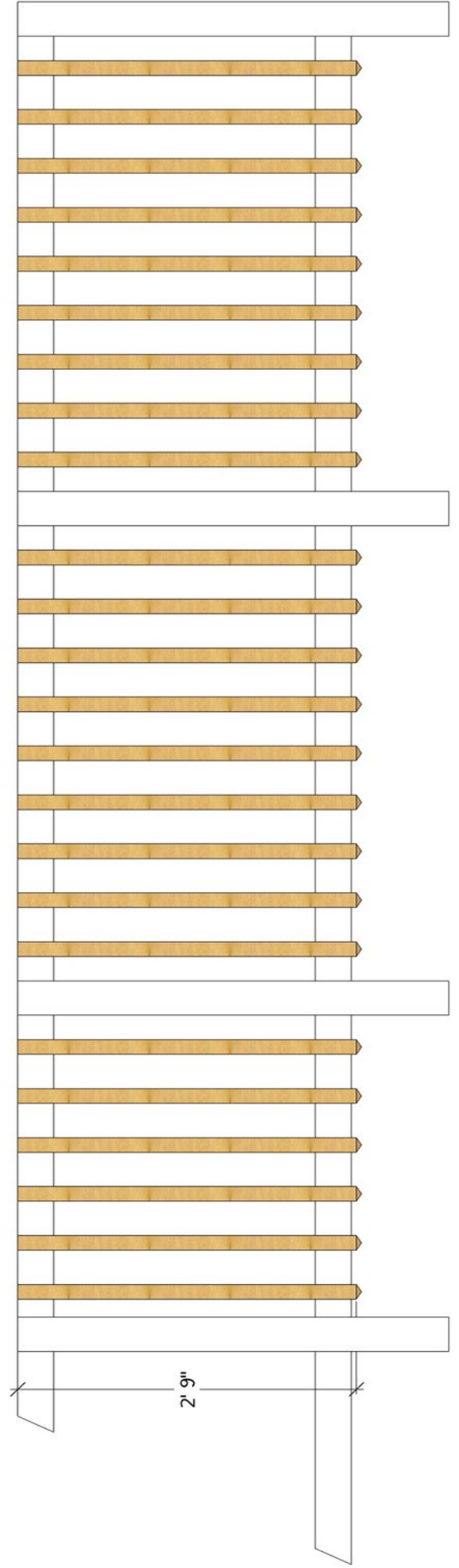
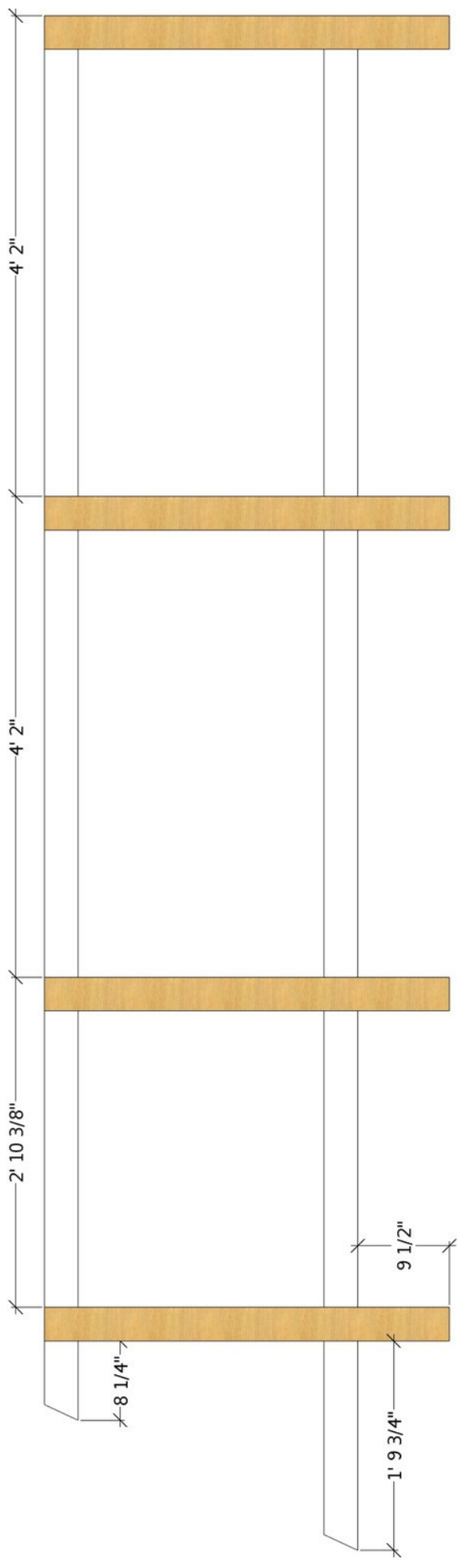
From (2) 2x4x16s, cut the two pieces depicted in the bottom illustration.

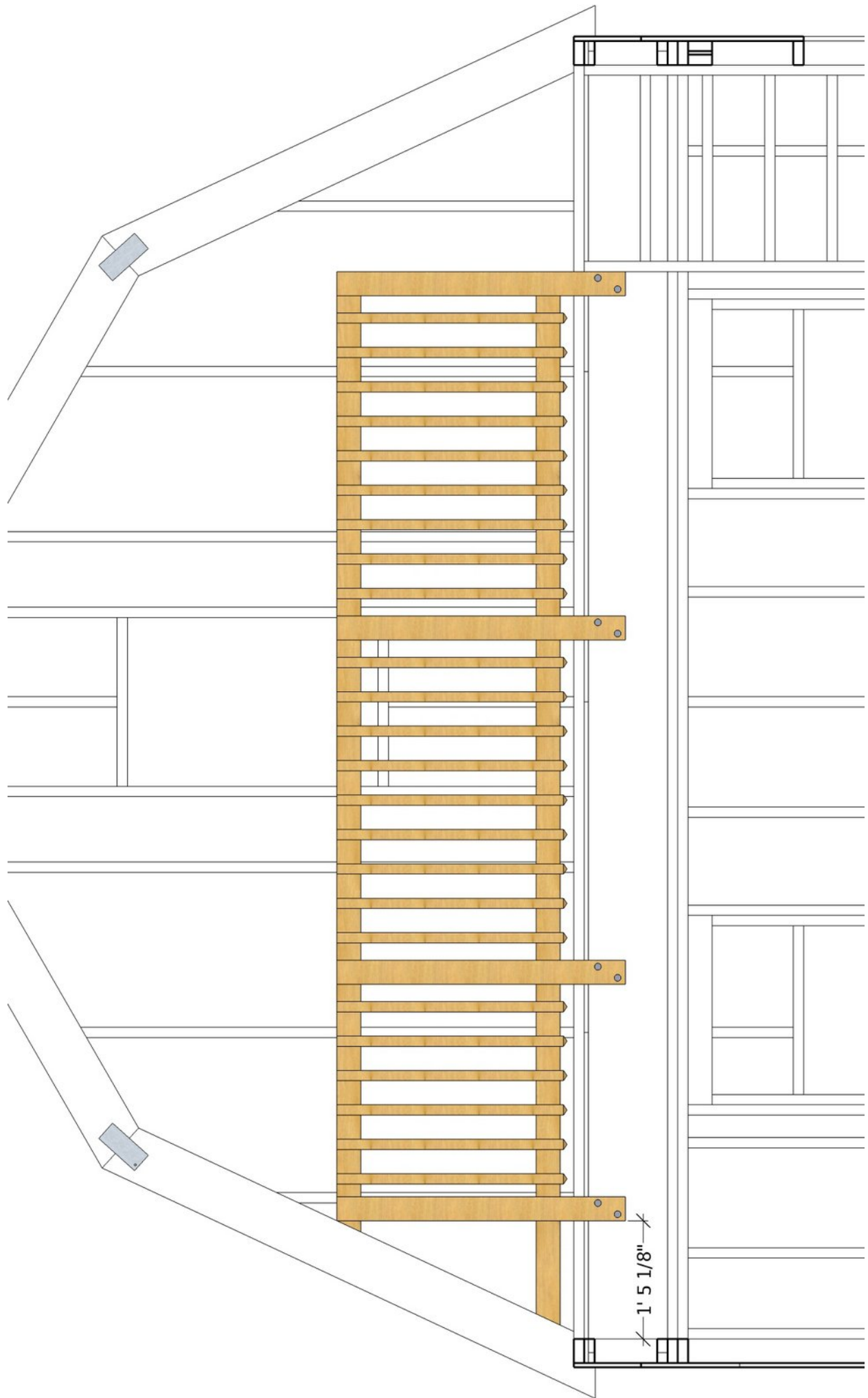
These posts and railings will be arrange as depicted on the next page.

From (24) 2x2x36" balusters, cut twenty four 2' 9" pieces. Install these balusters to the railing assembly as depicted on the right side of the next page.

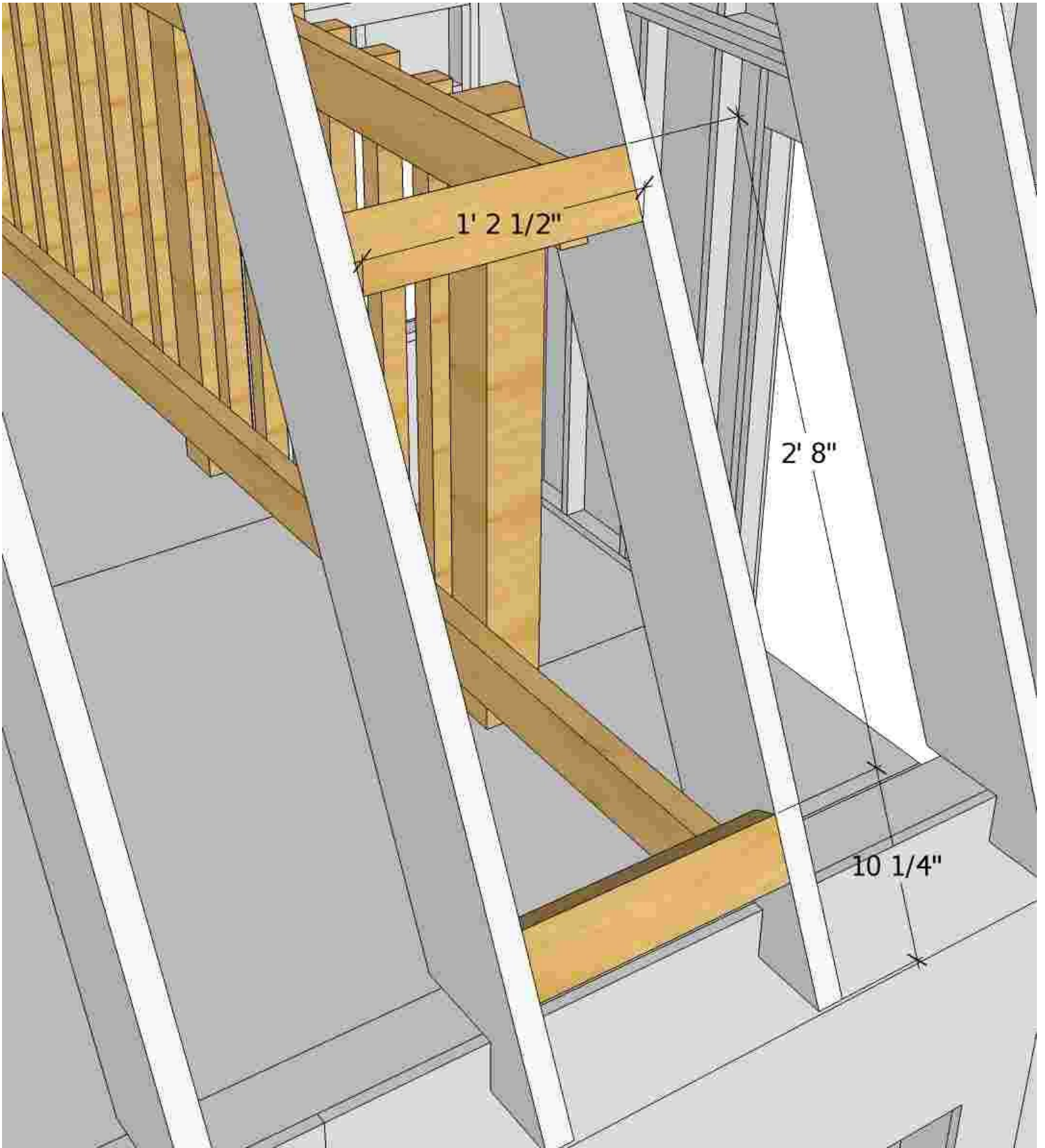
Along with some excess 2x4 material, install this complete railing assembly to the 2<sup>nd</sup> level as depicted on page 72 and 73.











# 18

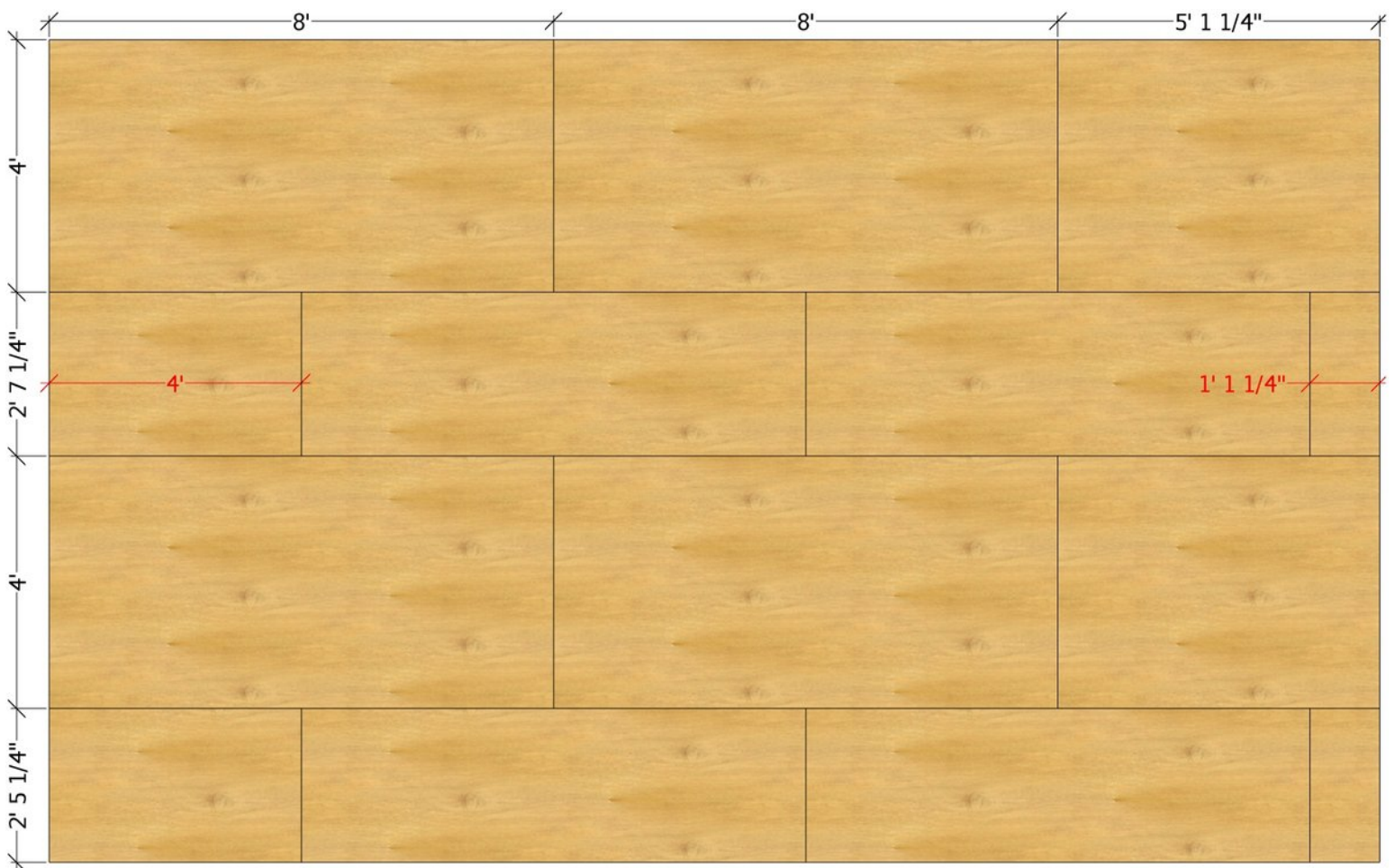
## Sheeting the Rafters

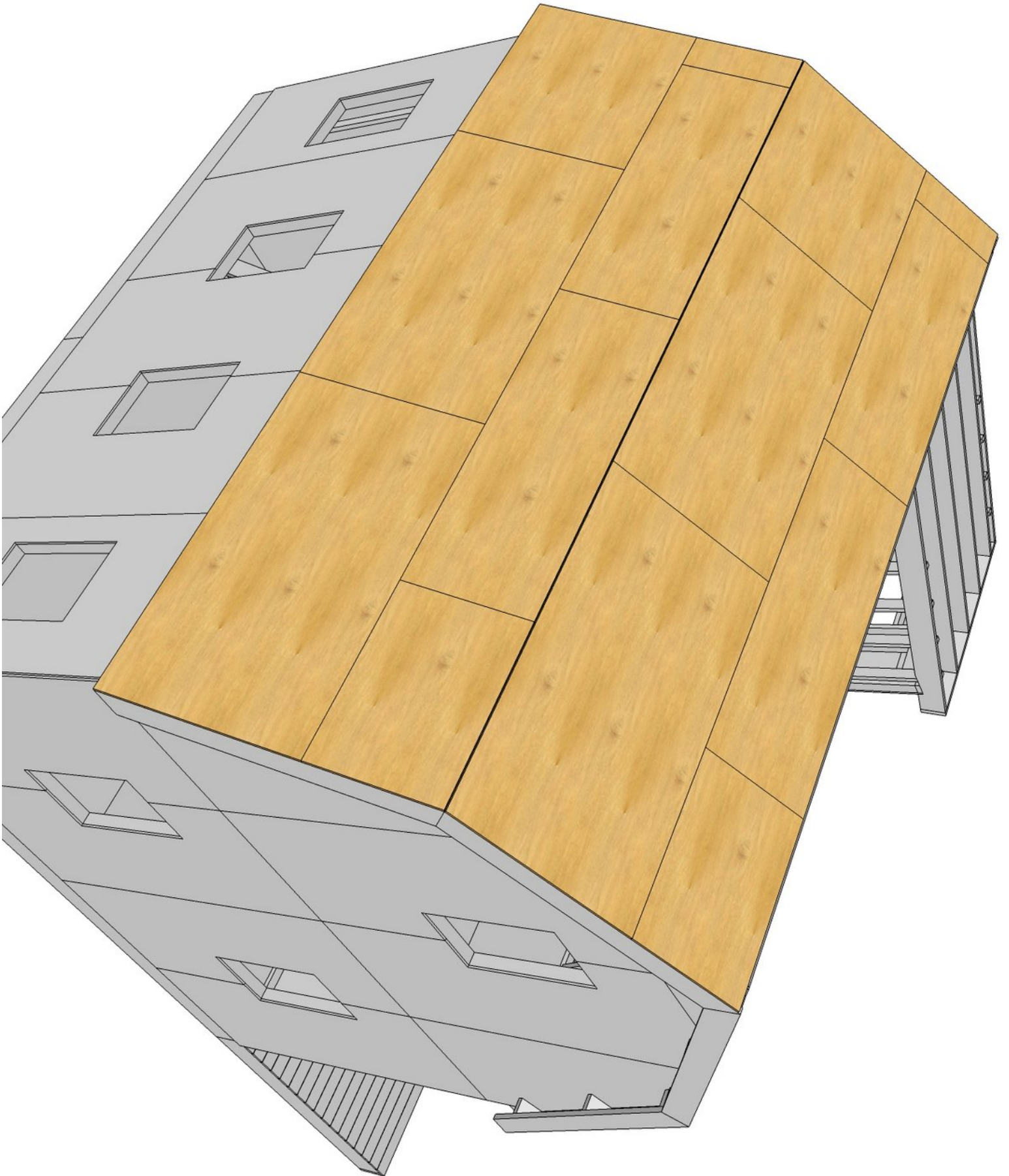
From (10) 5/8" sheets of plywood, construct the back roof sheeting assembly as depicted in the below illustration.

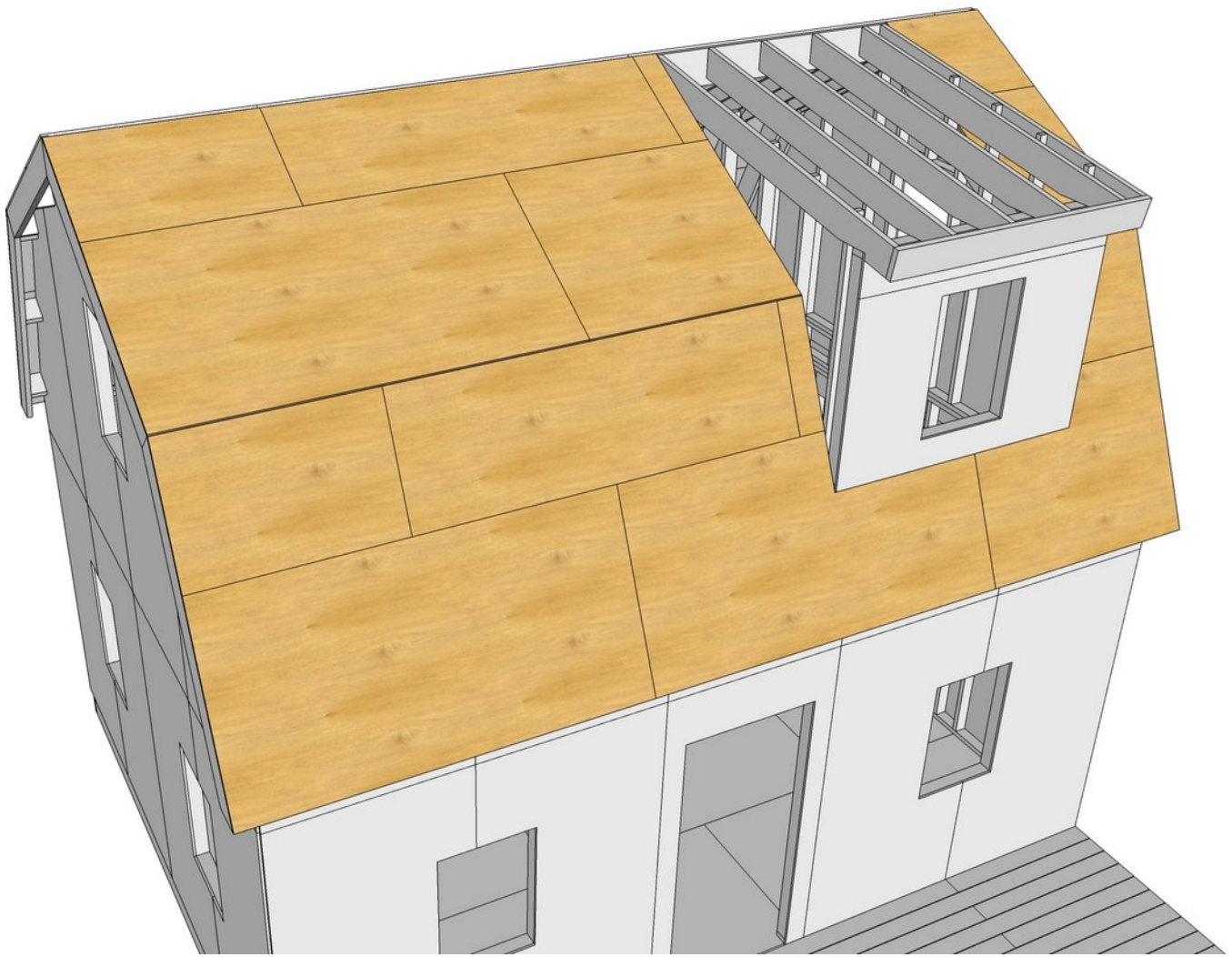
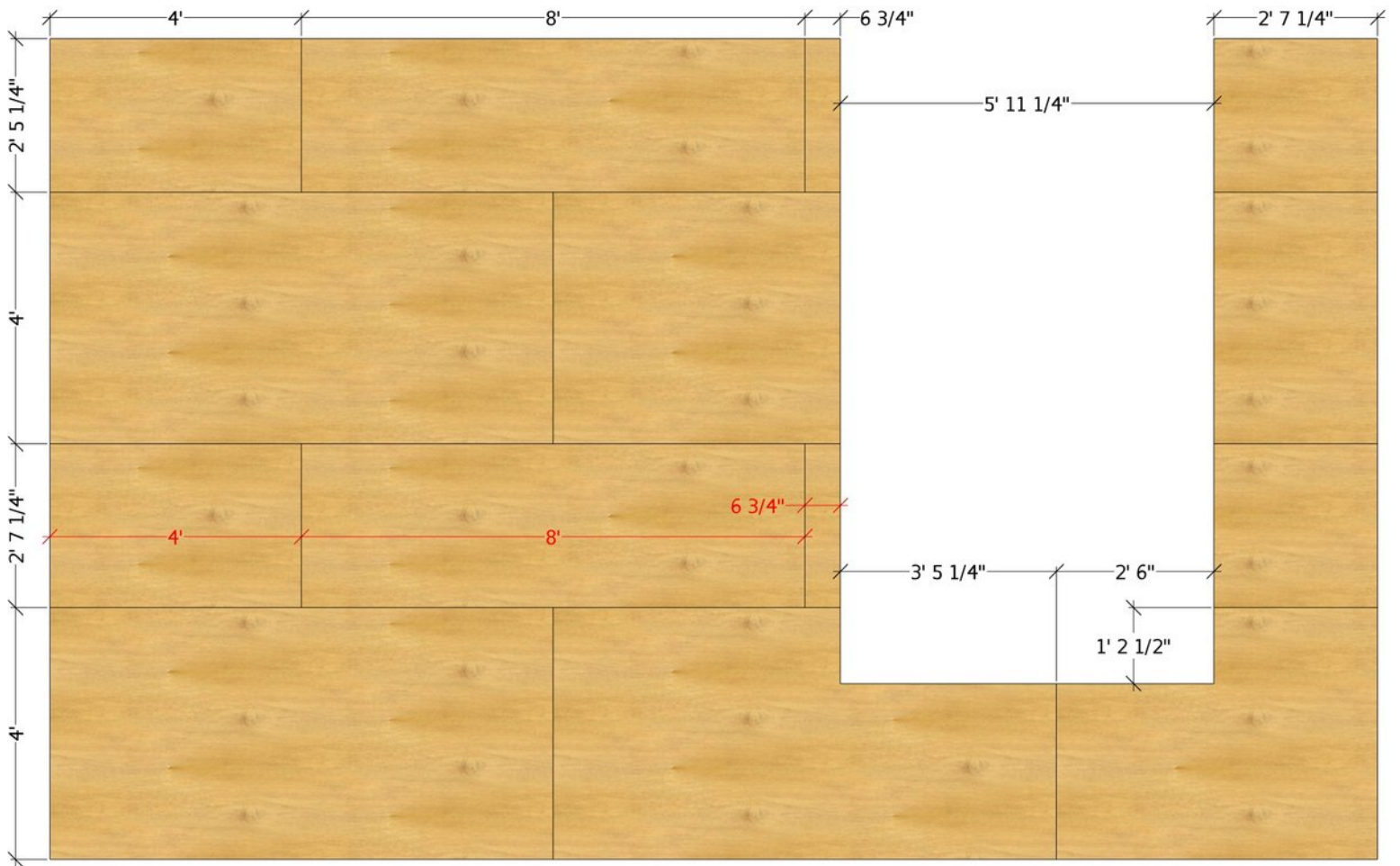
Install this assembly to the structure as depicted on the next page.

From (8) 5/8" sheets of plywood, construct the front roof sheeting assembly as depicted at the top of page 76.

Install this assembly to the structure as depicted on page 76.

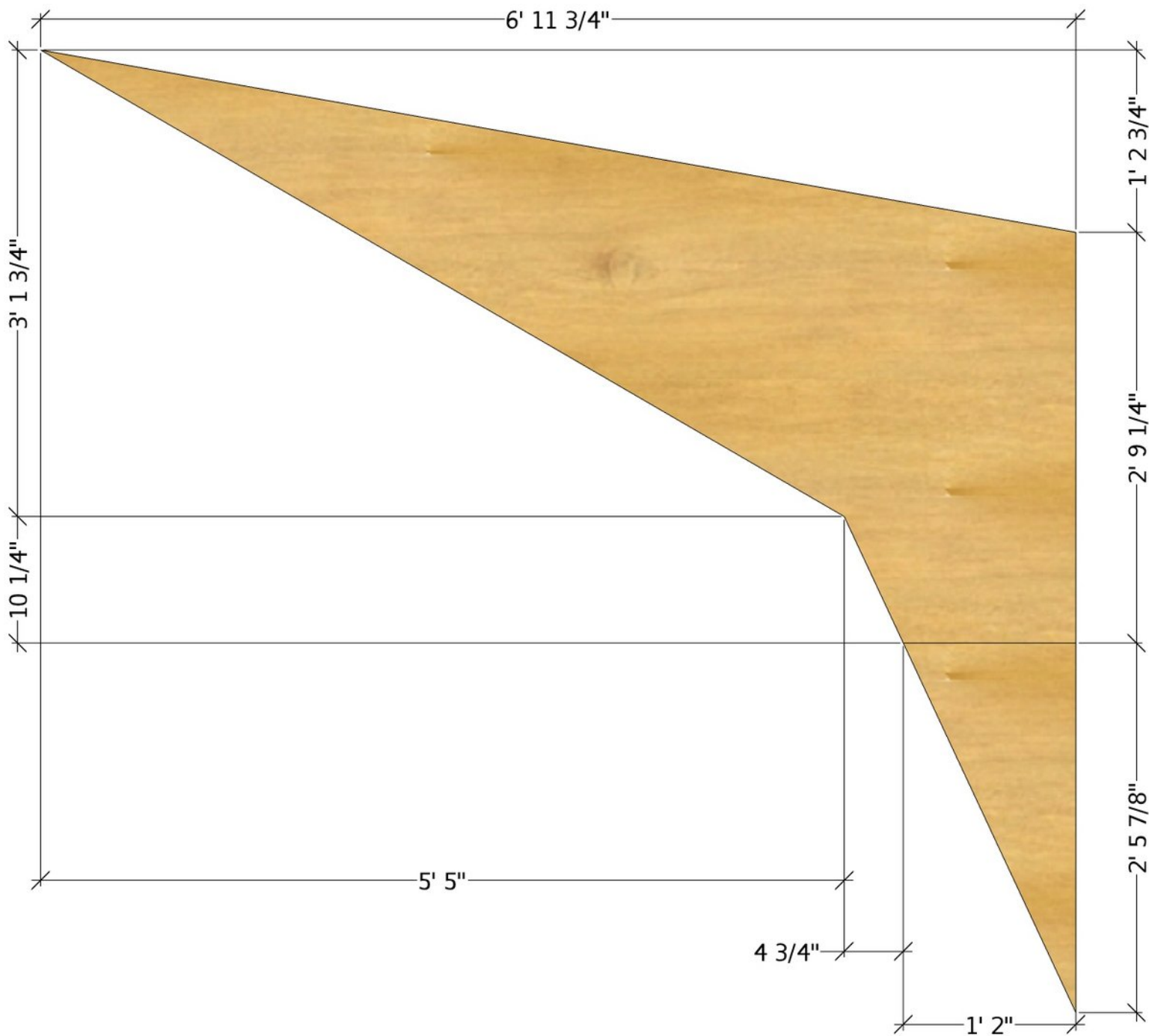


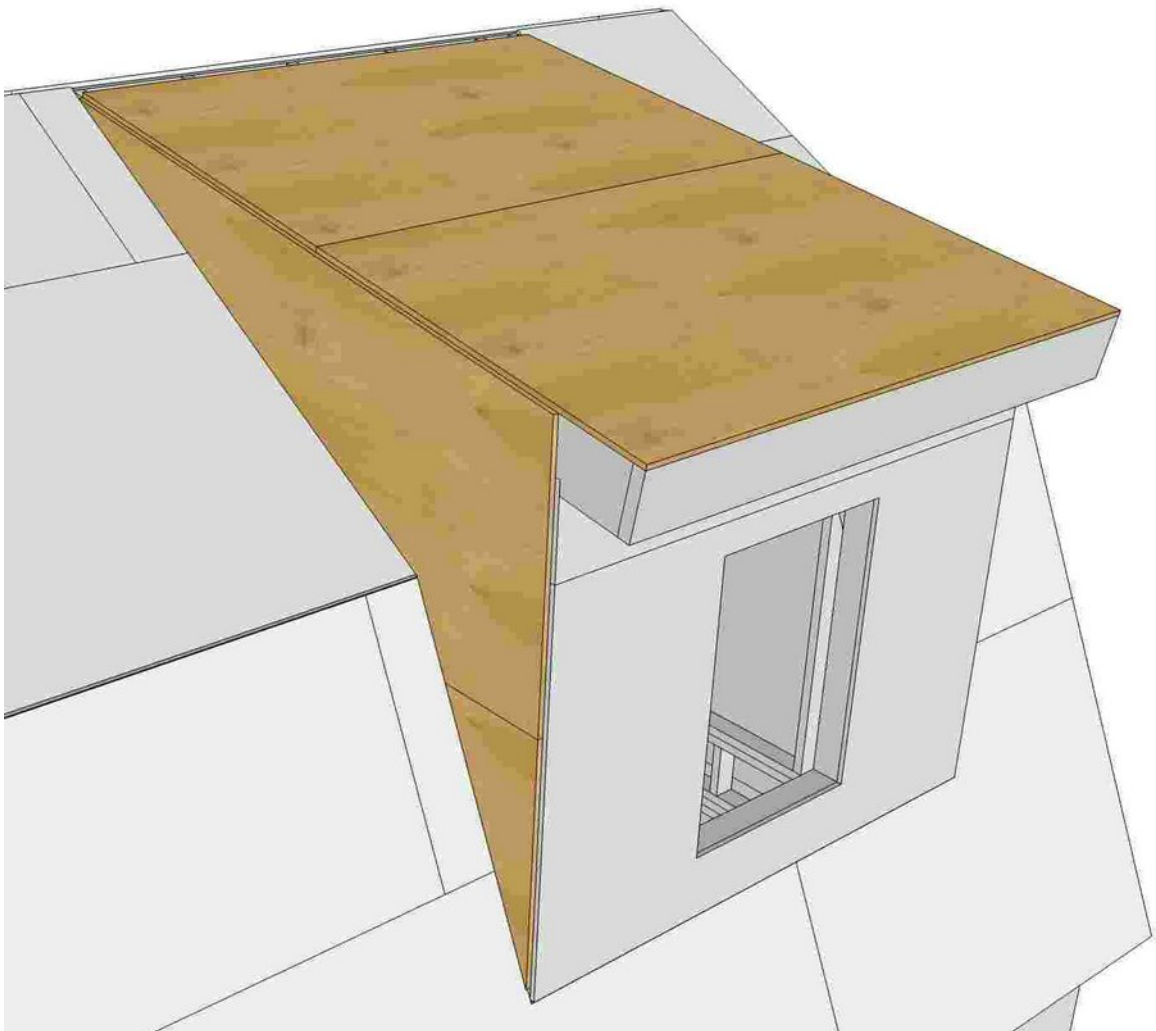
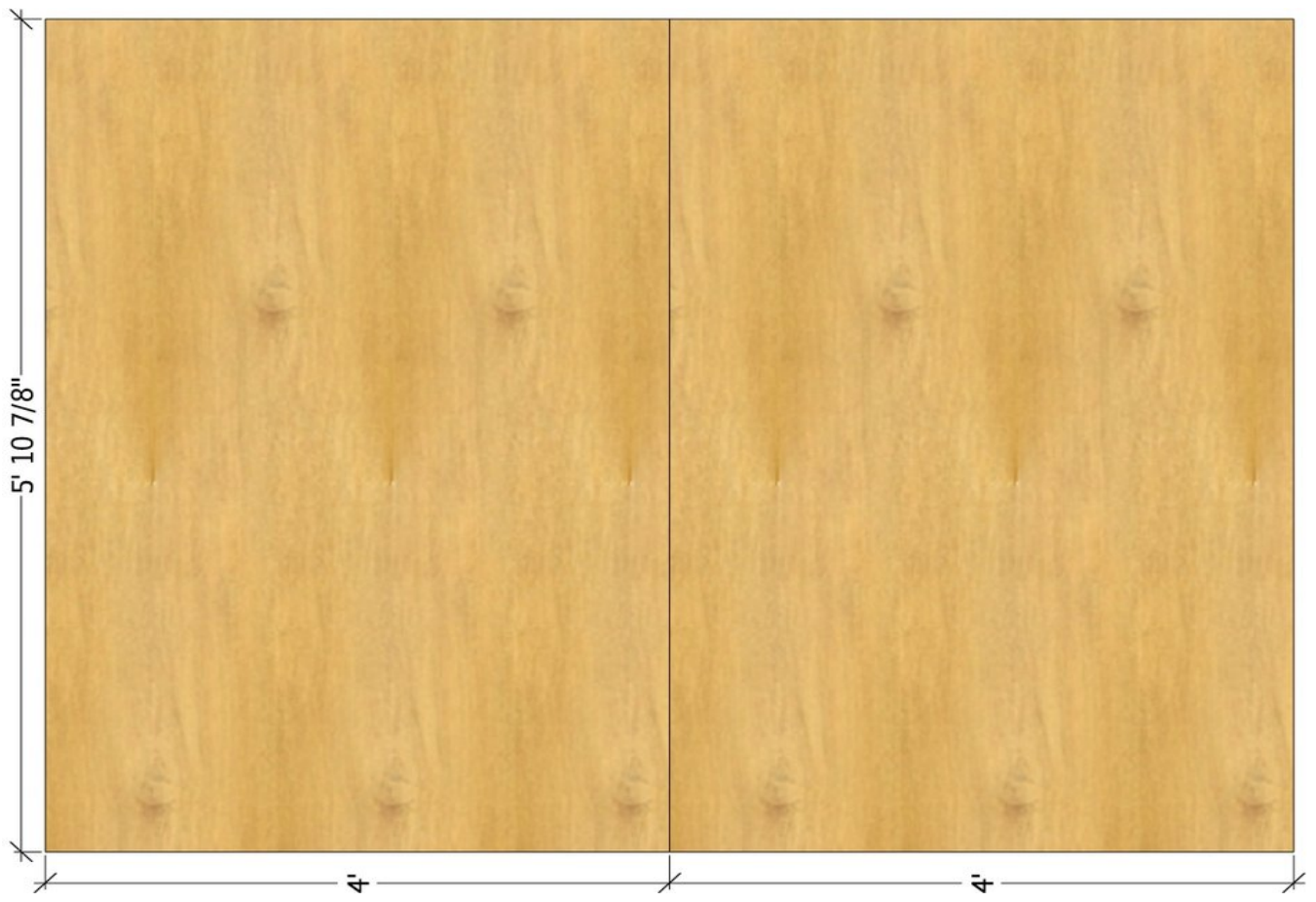




From (4) 5/8" sheets of plywood, construct two of the side dormer units depicted in the below illustration, as well as the dormer roof unit depicted on the next page.

Install these units to the dormer as depicted at the bottom of the next page.





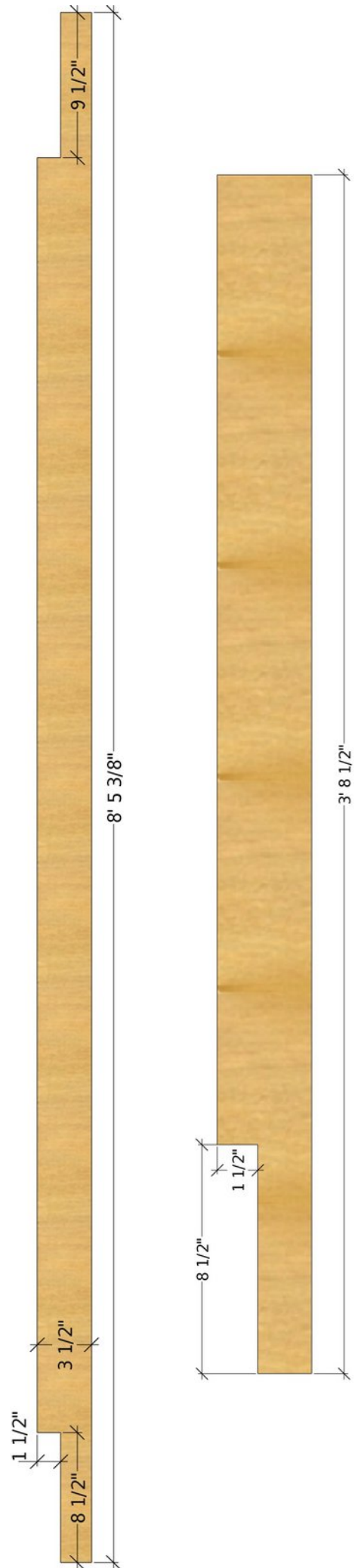
# 19

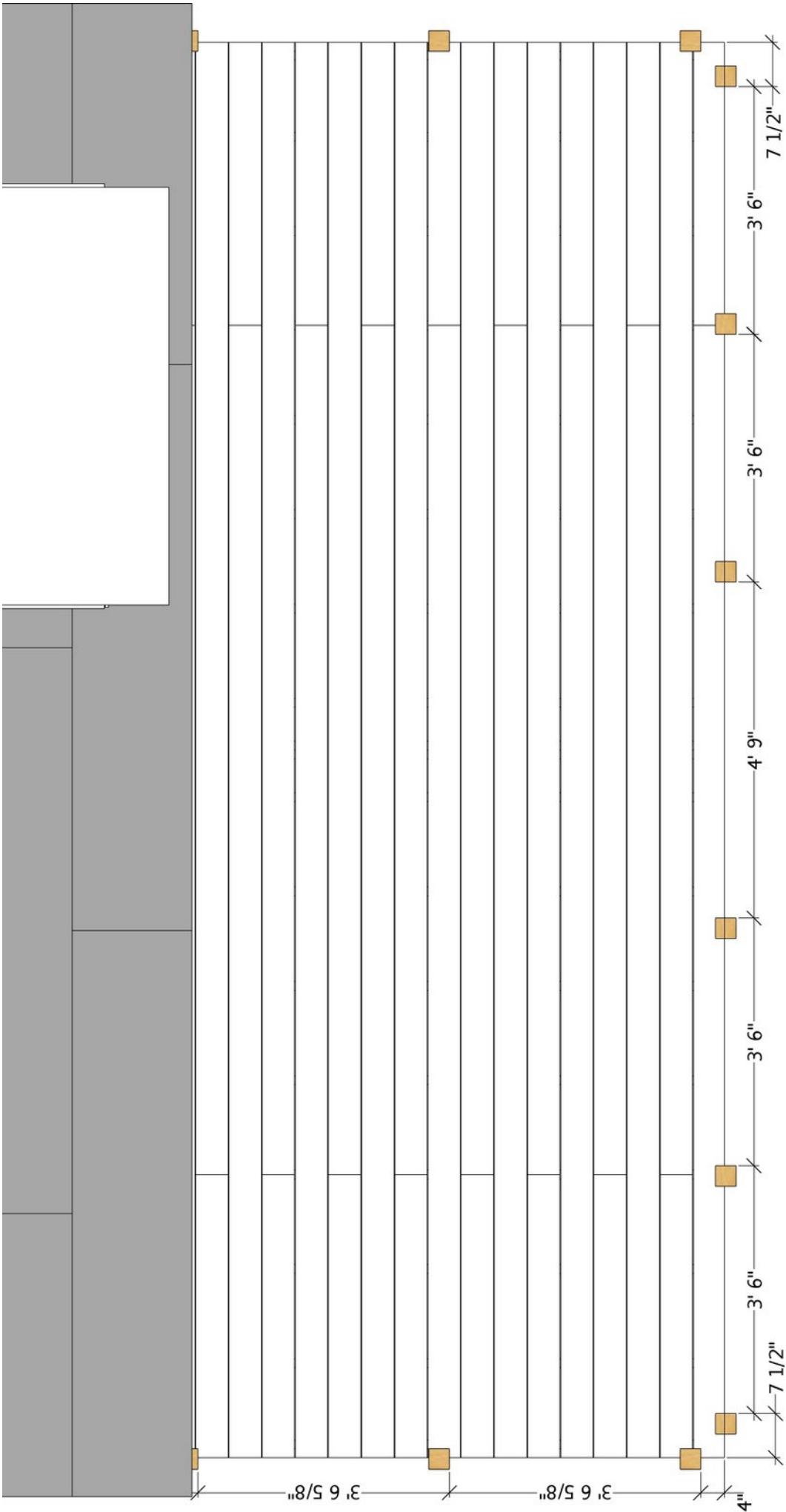
## Framing the Exterior Railing

From (4) 4x4x10s, cut four of the 8' 5 3/8" piece depicted in the near right illustration.

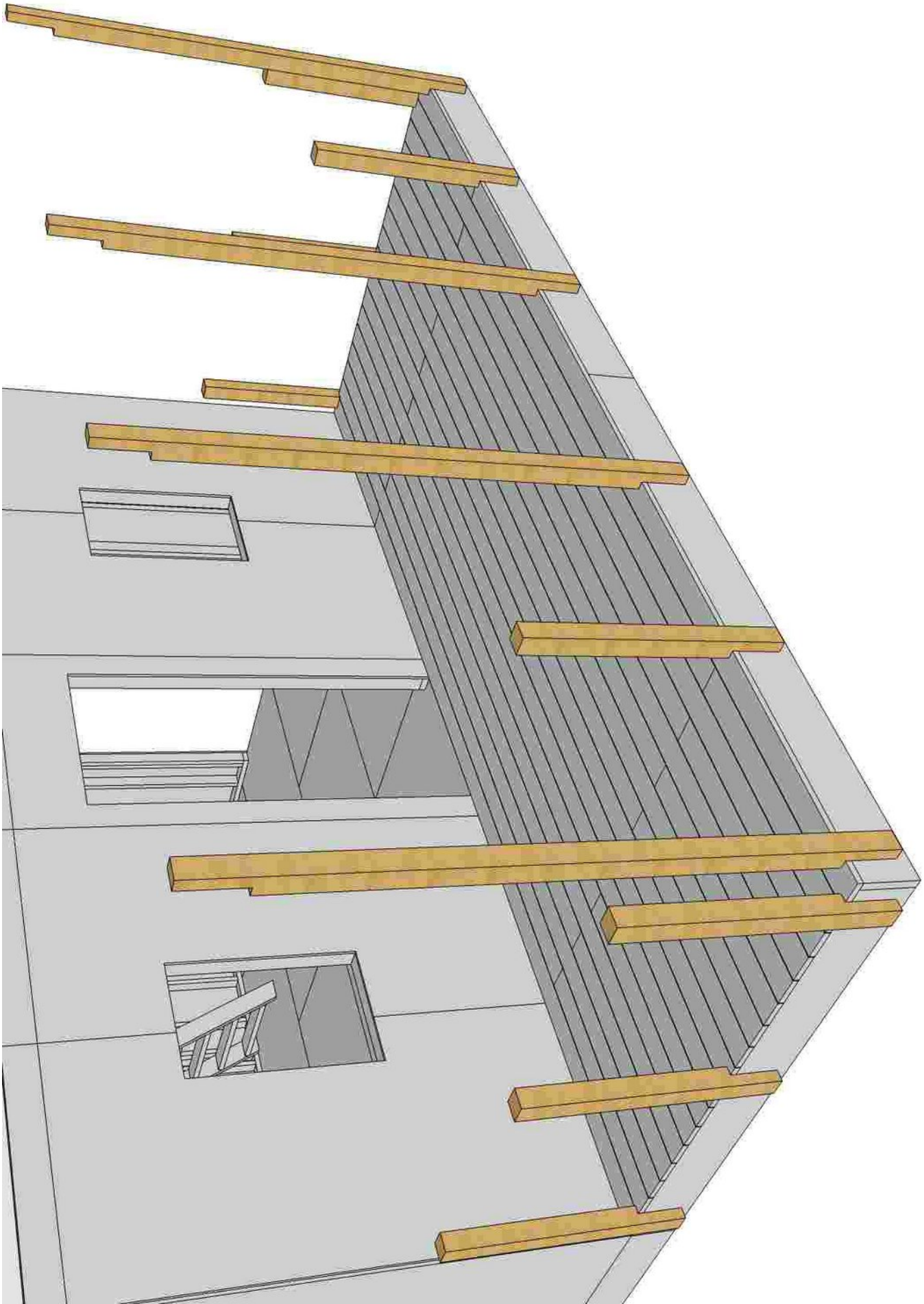
From (4) 4x4x8s, cut eight of the 3' 8 1/2" piece depicted in the far right illustration.

Install these twelve posts to the front porch as depicted on the following two pages.







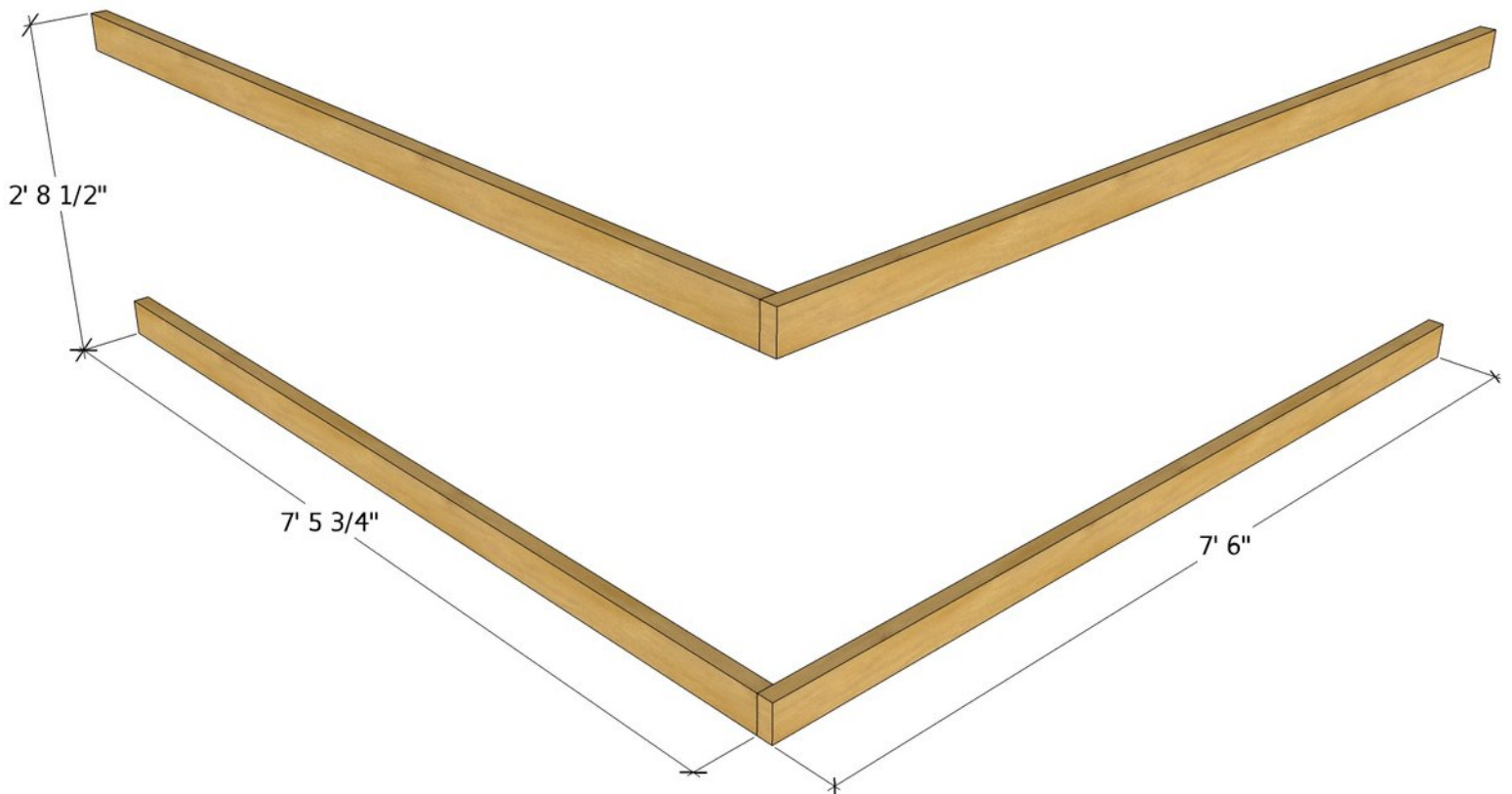


From (4) 2x4x8s, construct the left railing assembly as depicted in the below illustration.

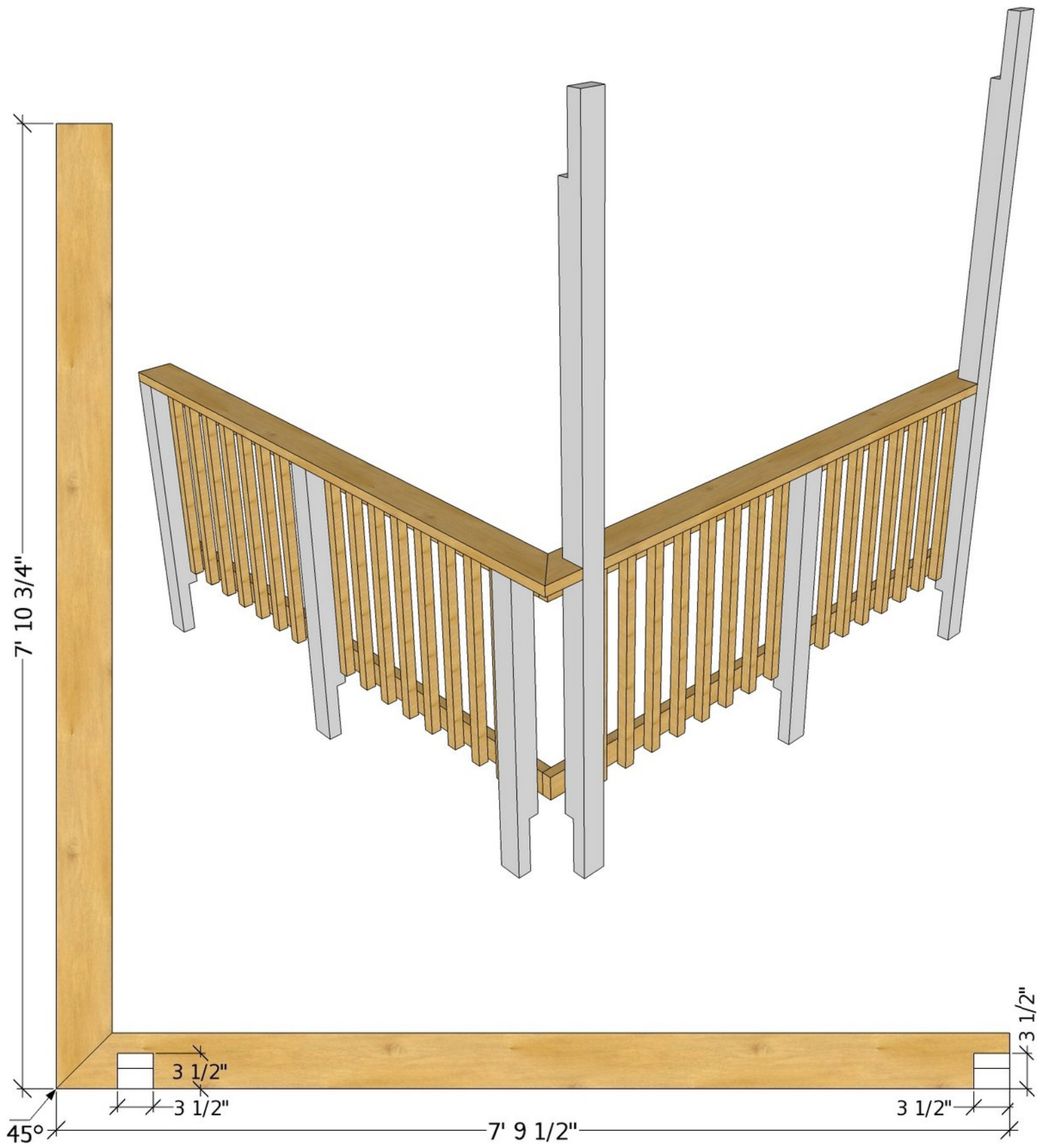
From (32) 2x2x36" balusters, cut thirty two 2' 8" pieces. These balusters will be install to the left railing assembly as depicted on the next page. Space the balusters apart 5" on center.

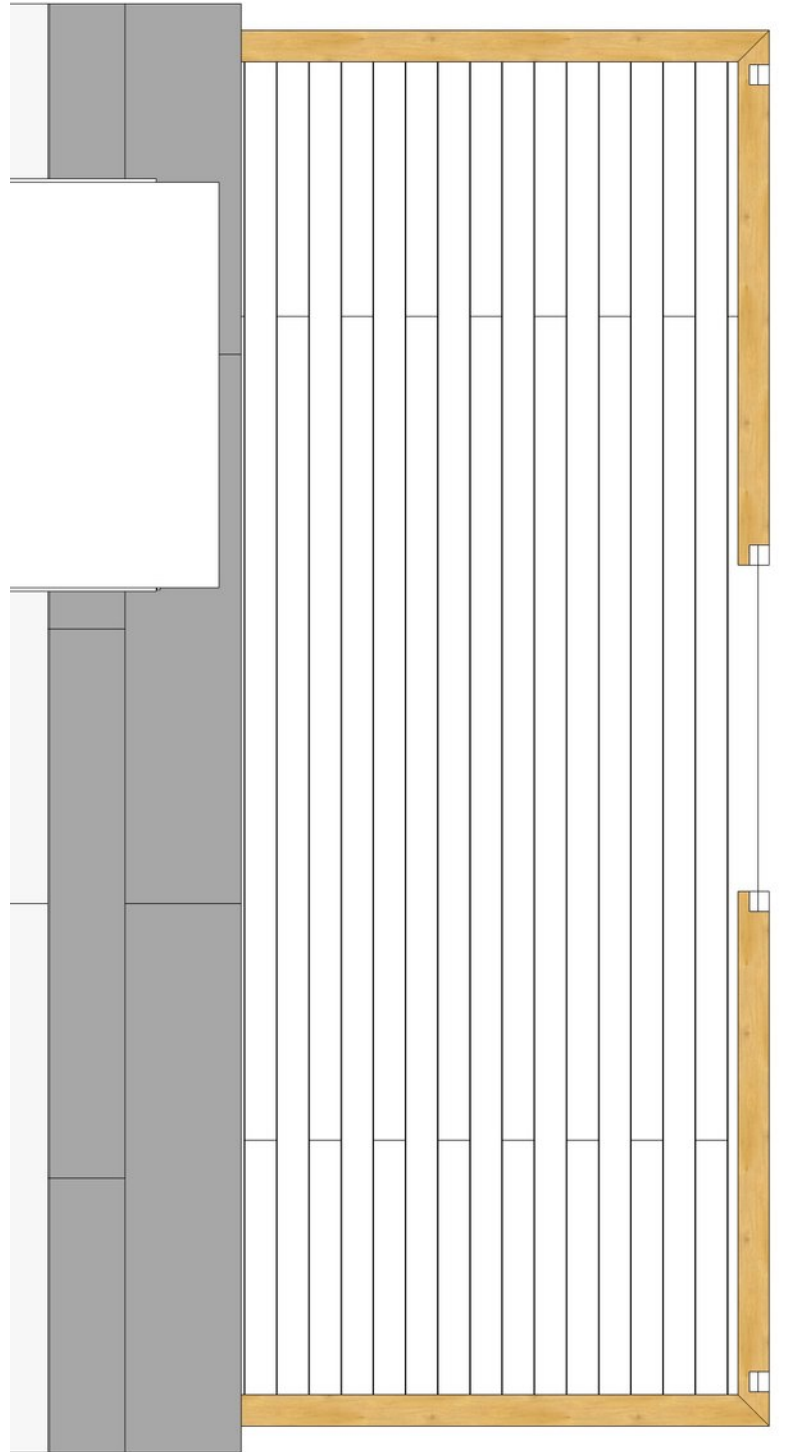
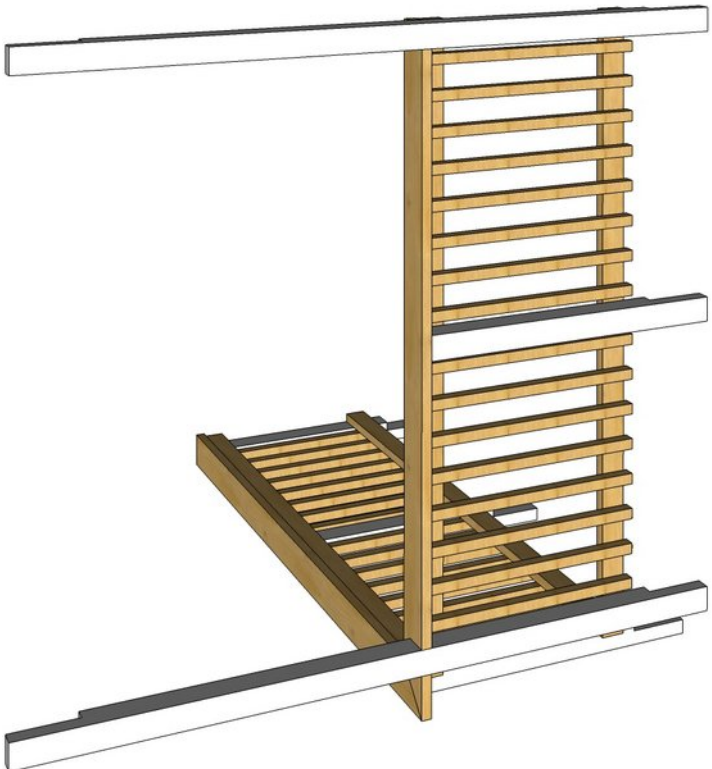
From (2) 2x6x8s, cut and install the railing cap as depicted on page 84.

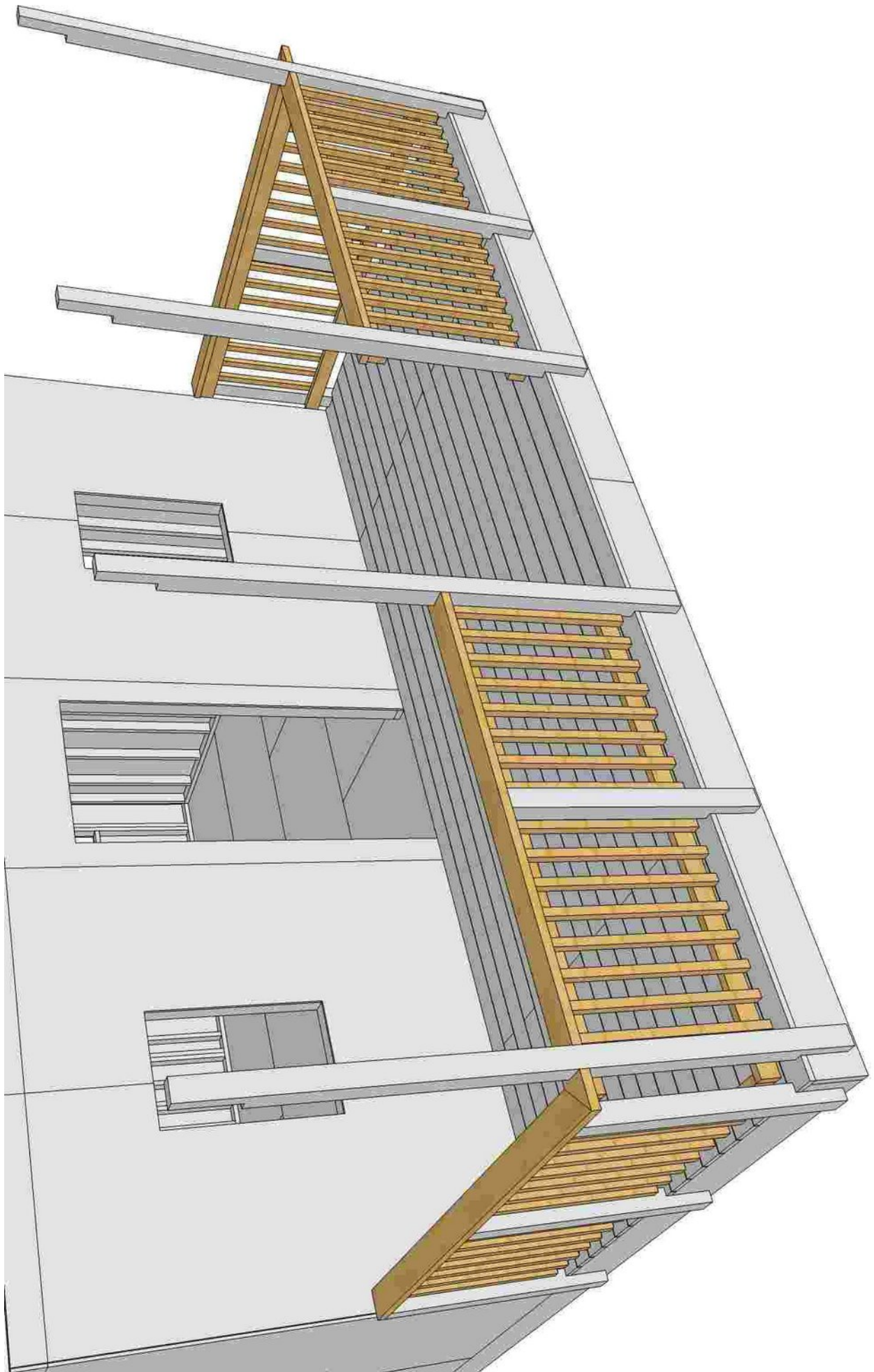
A 2<sup>nd</sup>, **mirrored** version of this railing assembly will also be required. Install these two railing assemblies to the porch posts as depicted on pages 85 and 86.





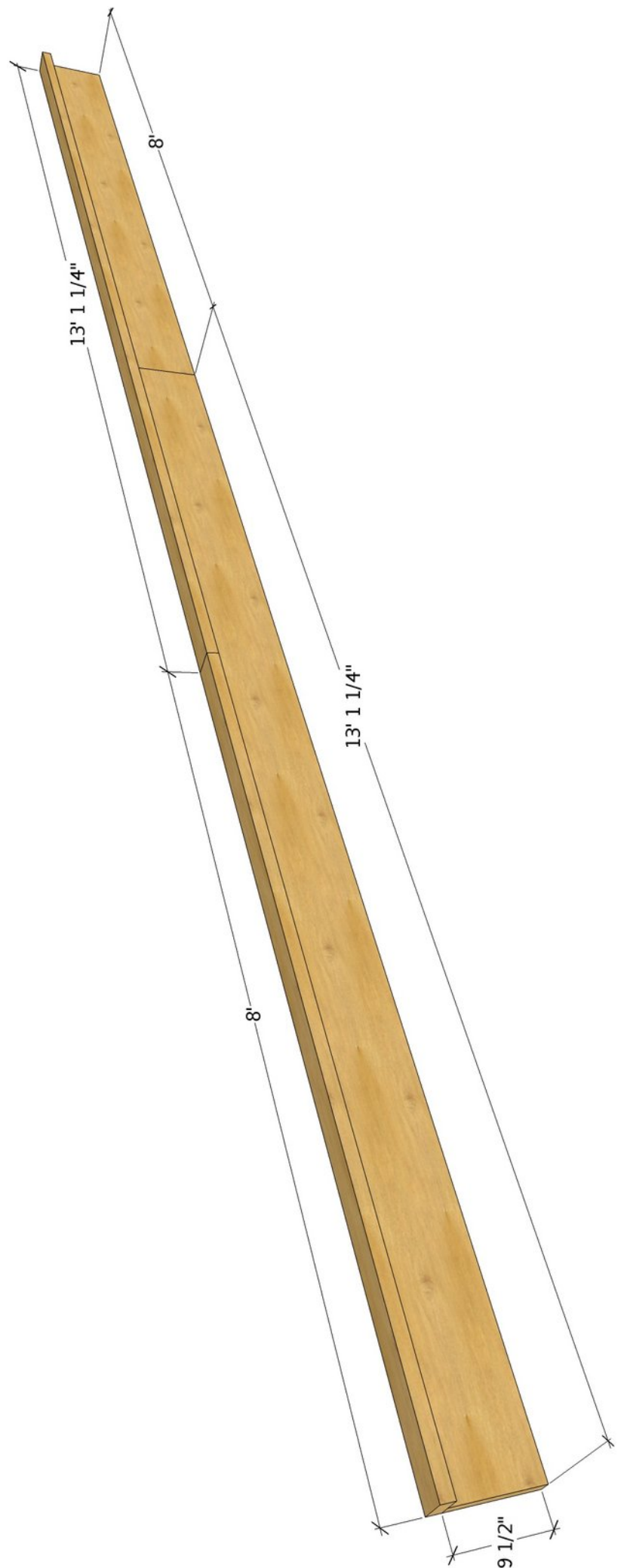


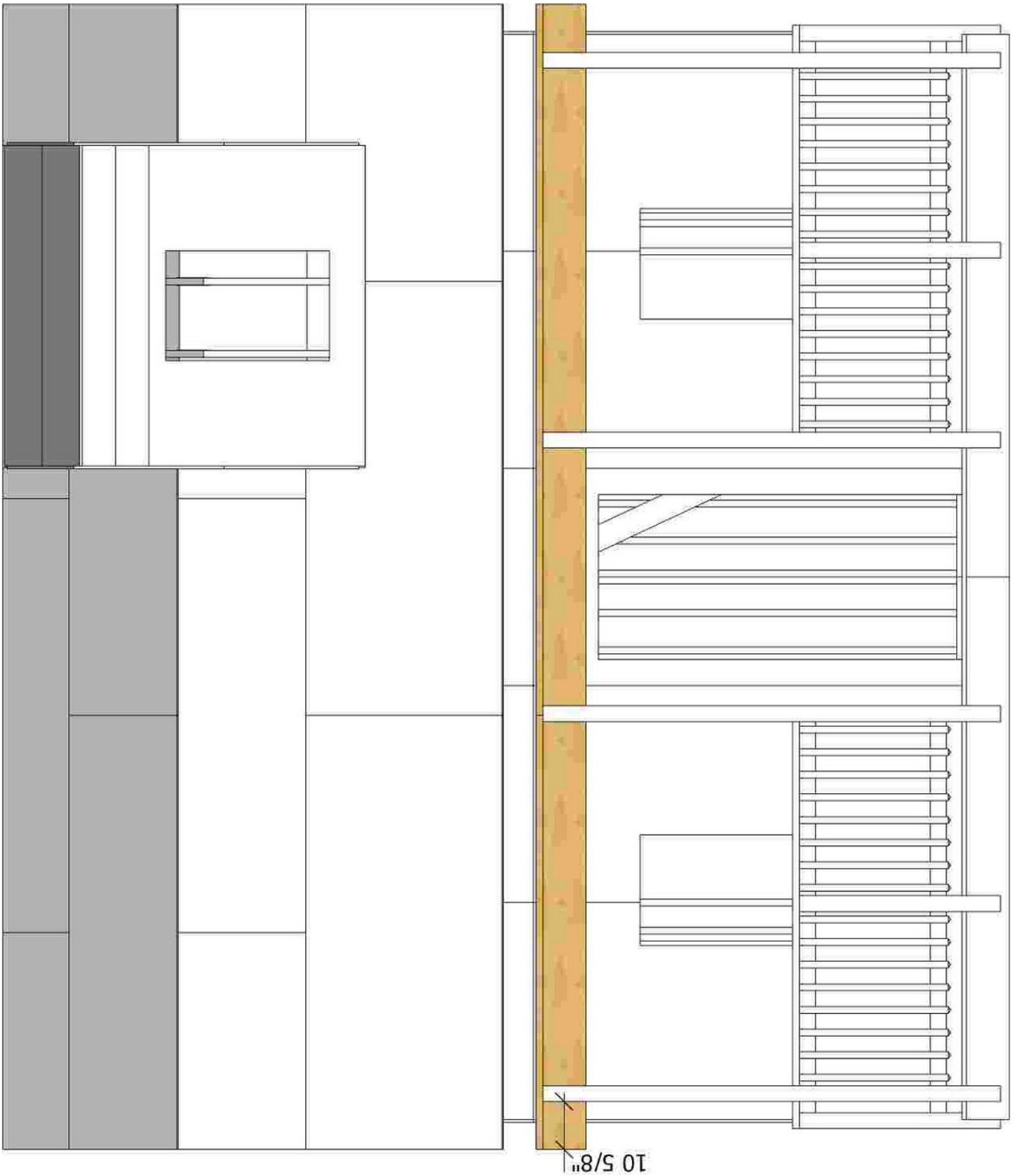




From (1) 2x4x8, (1) 2x4x16, (1) 2x10x8 and (1) 2x10x16, construct the porch roof support beam as depicted in the right illustration.

Install this beam to the top of the porch posts as depicted on the next page.





10 5/8"



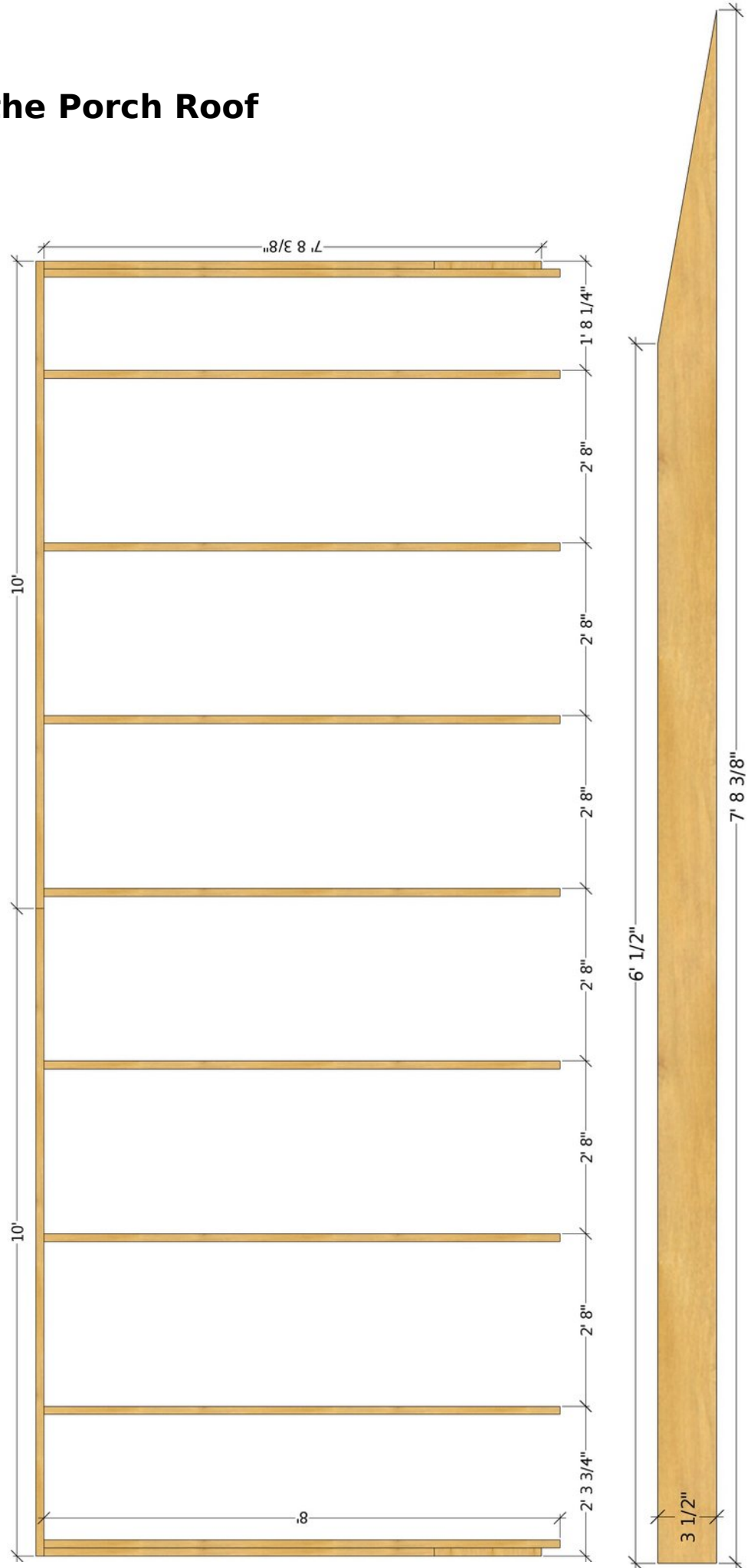
# 20

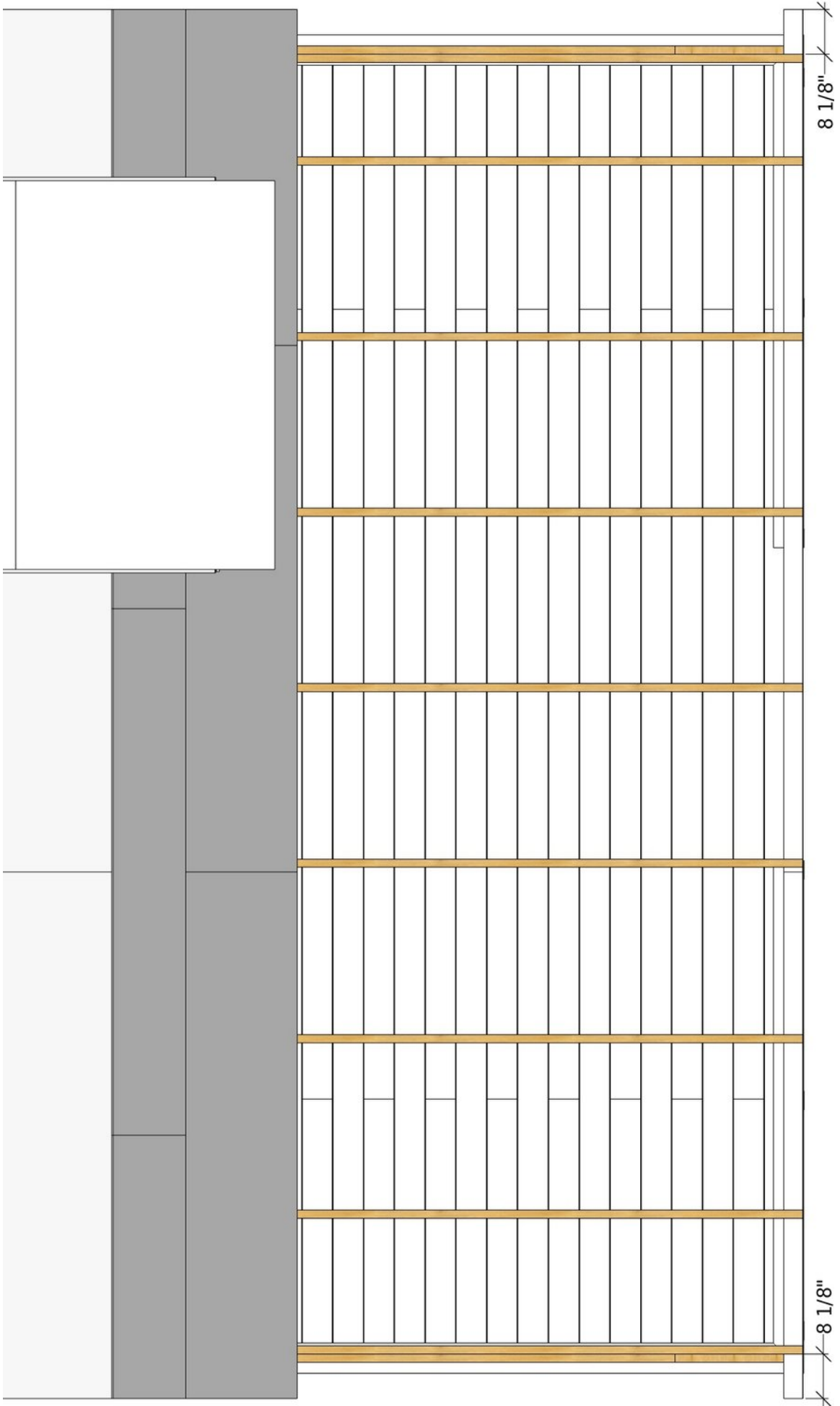
## Framing the Porch Roof

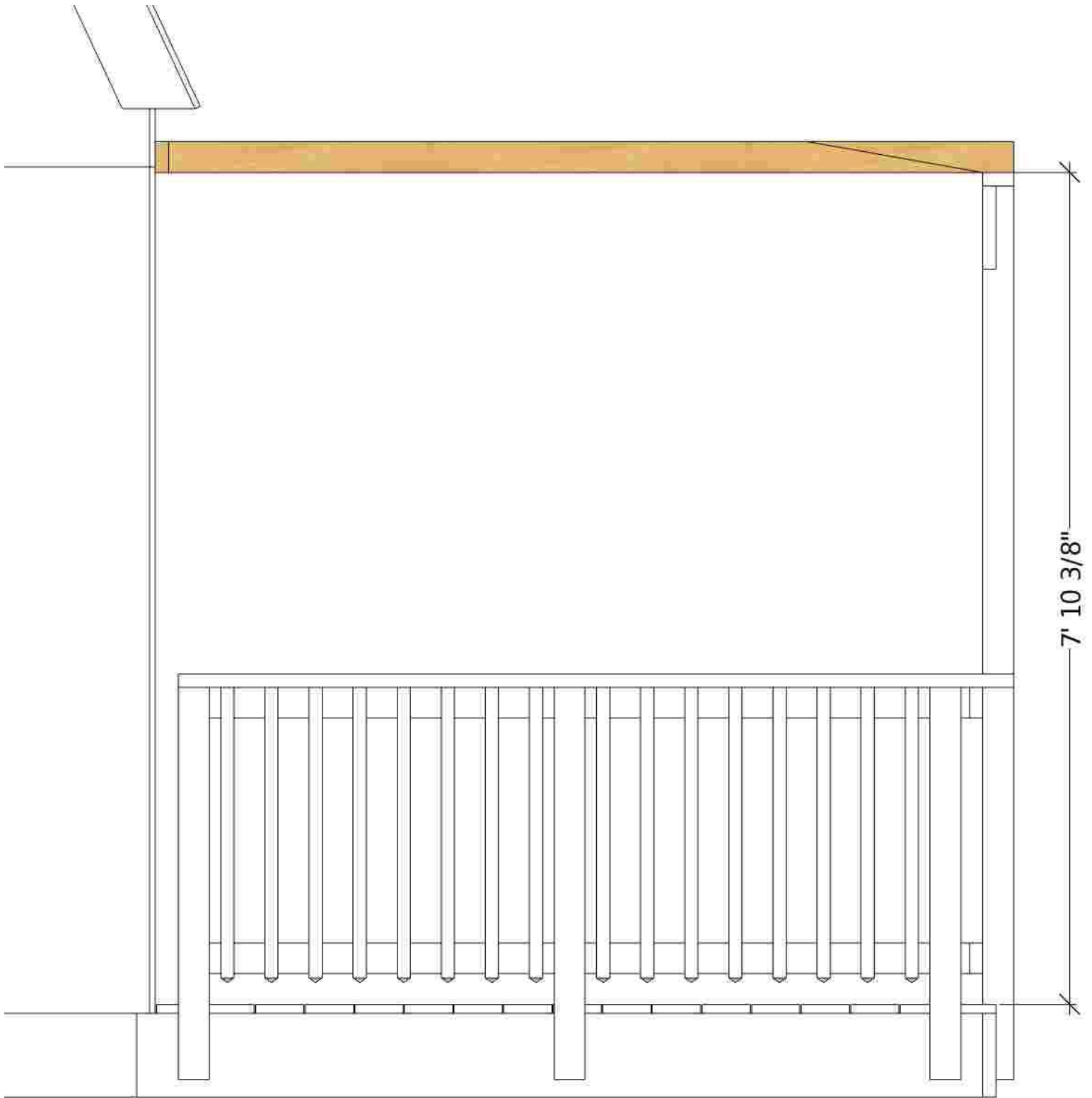
From (2) 2x4x8s, cut two of the piece depicted in the far right illustration.

Using these two pieces, along with (9) 2x4x8s and (2) 2x4x10s, construct the sub-rafter porch assembly as depicted in the right illustration.

Install this assembly to the structure as depicted on the next two pages.





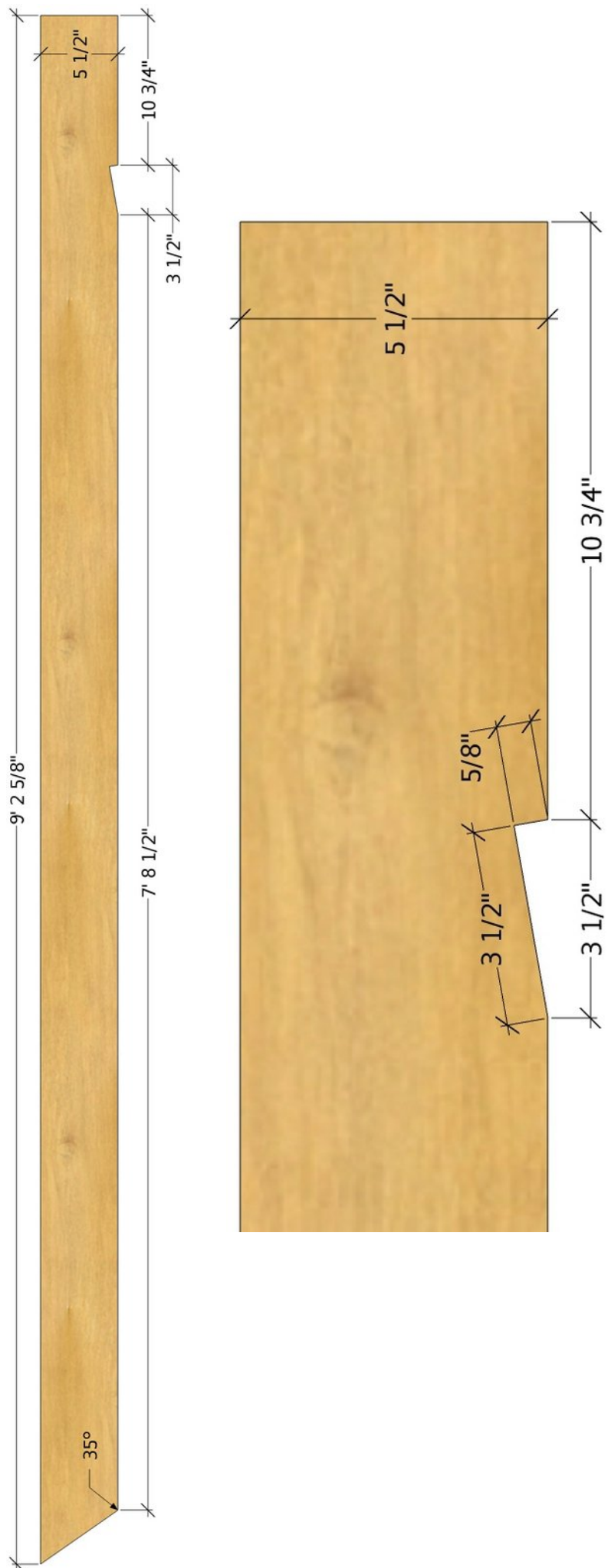


From (19) 2x6x10s, cut nineteen of the rafter depicted in the right illustration. Use the far right illustration for a more detailed look at the rafter's birds mouth.

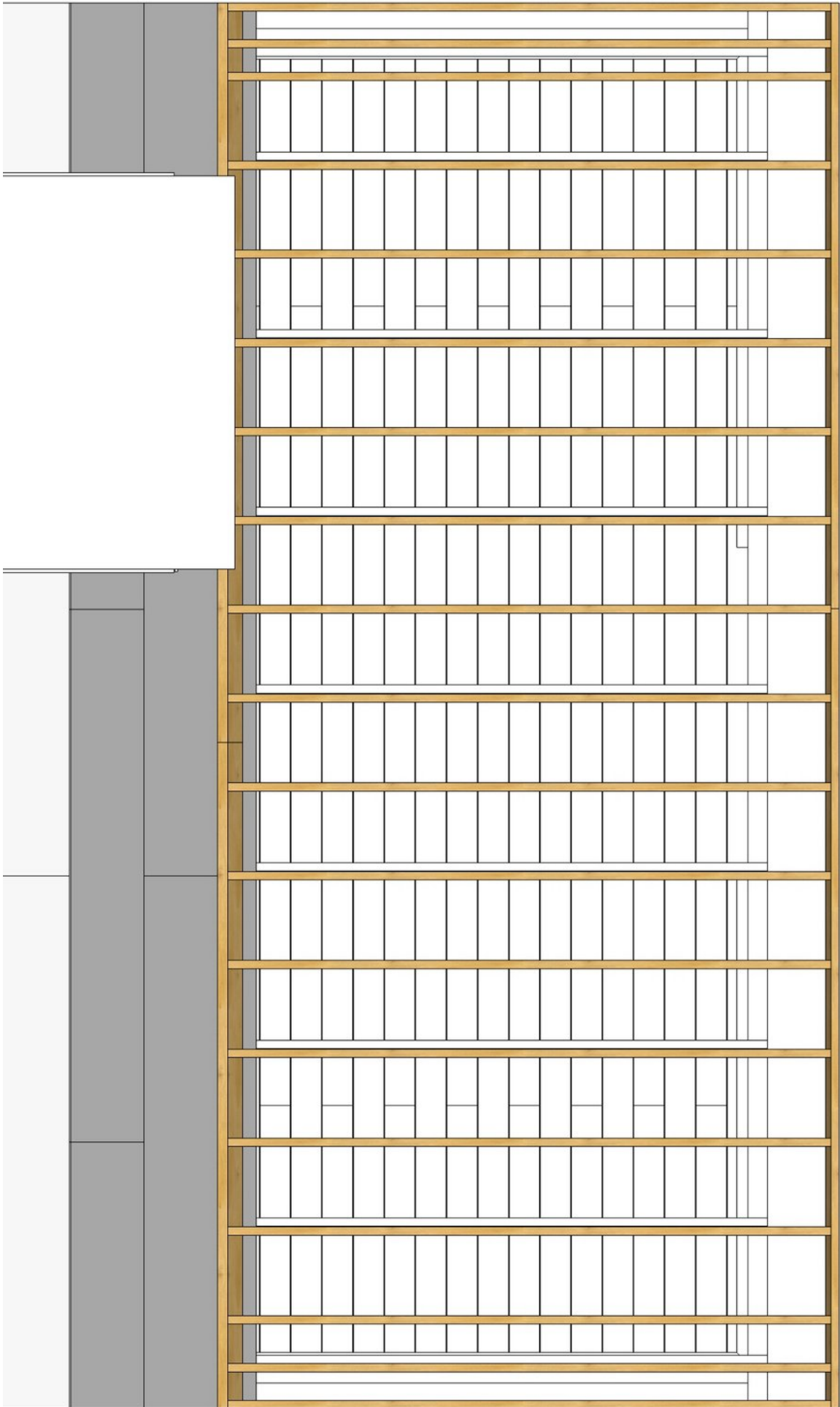
From (1) 2x8x10 and (1) 2x8x12, rip a 35 degree angle off one edge as depicted on the left side of the next page. Cut these two pieces to 10' and 11' 1 1/4" in length. These two pieces will rest on the main roof.

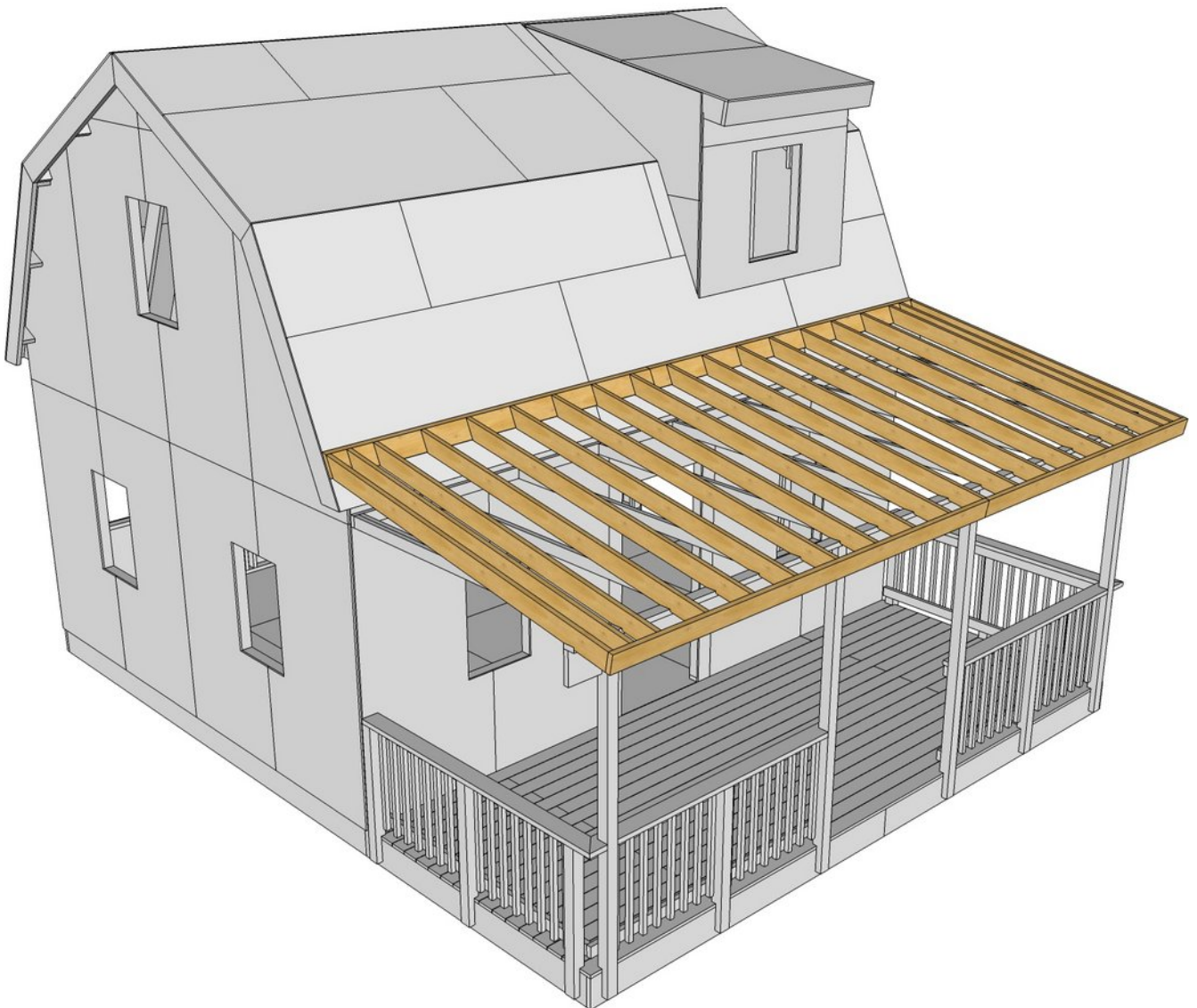
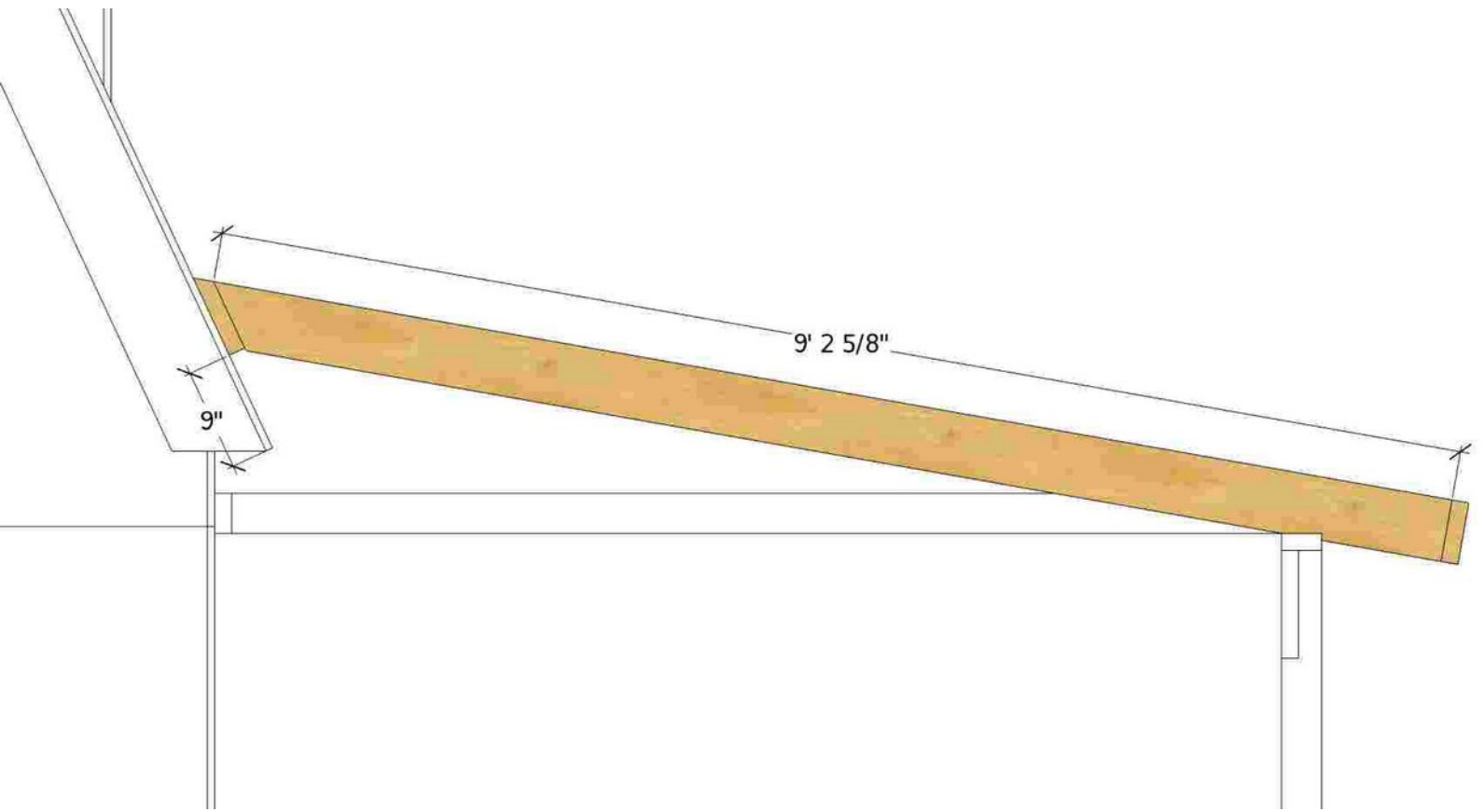
Using these components, as well as (1) 2x8x10 and (1) 2x8x12, construct the porch roof assembly as depicted on the following three pages.

Install the porch roof assembly as depicted on page 95.



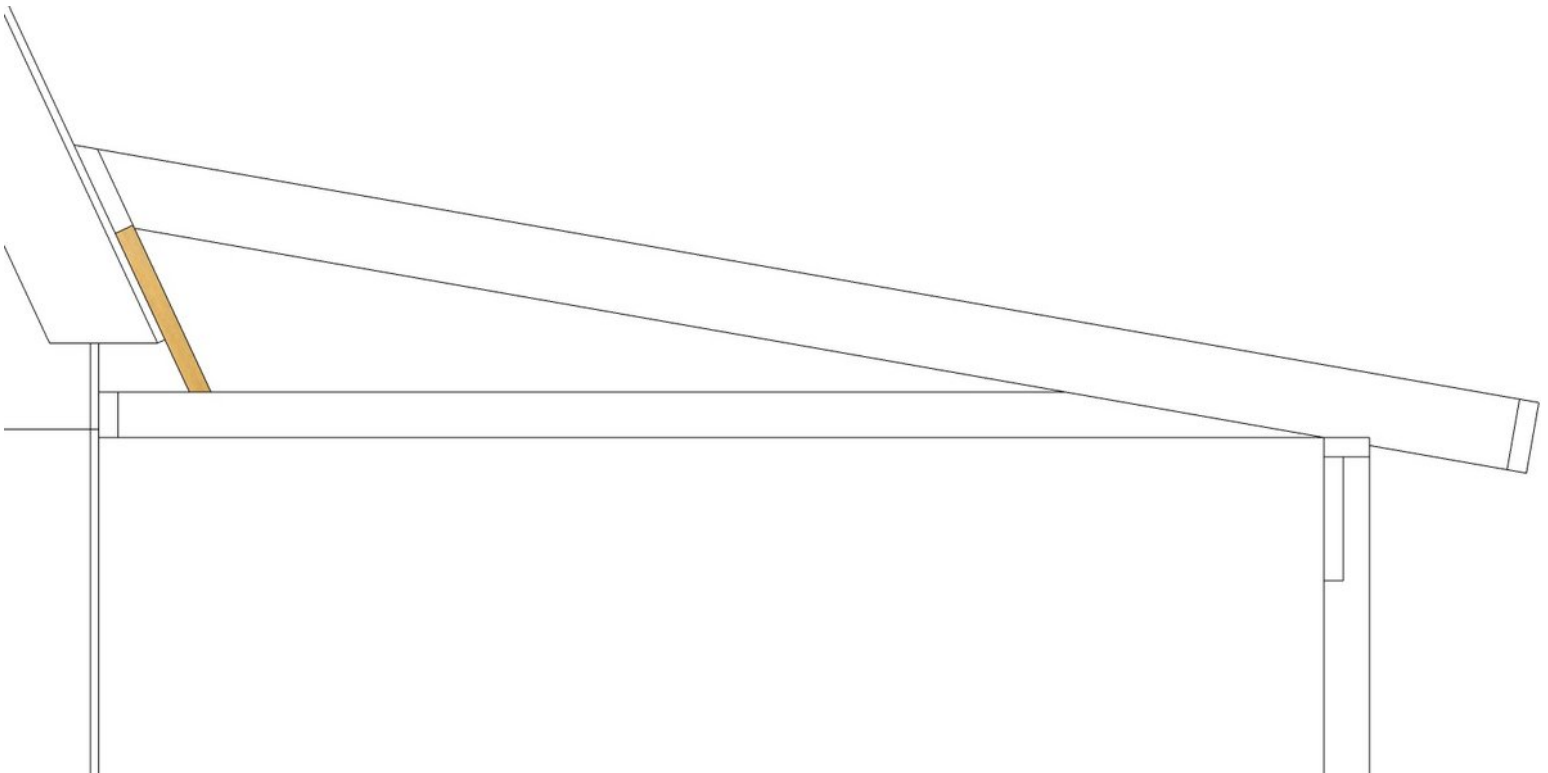
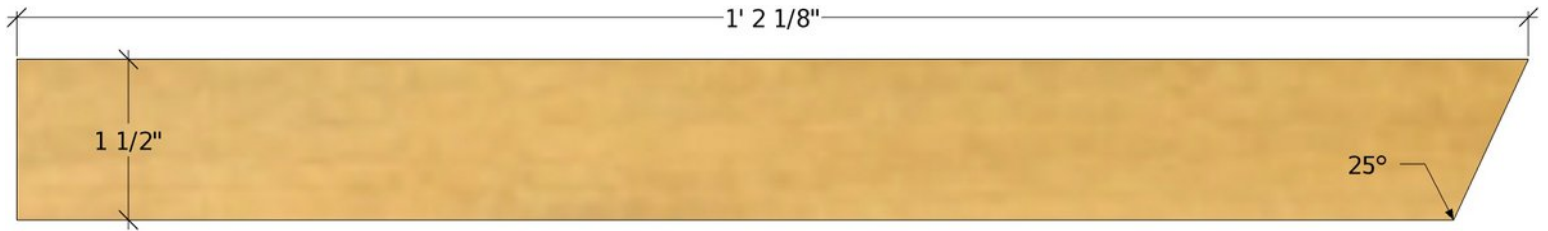






From some excess 2x4 material, cut two of the piece depicted in the below illustration.

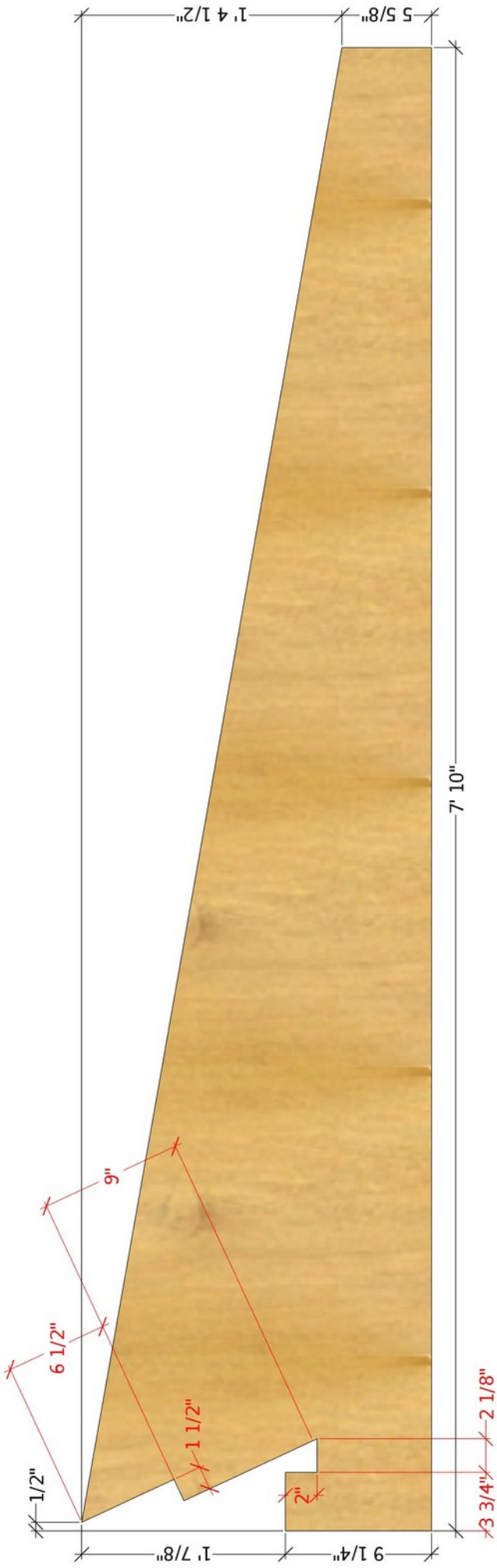
Install these two pieces to the left and right sides of the porch roof as depicted in the 2<sup>nd</sup> below illustration.

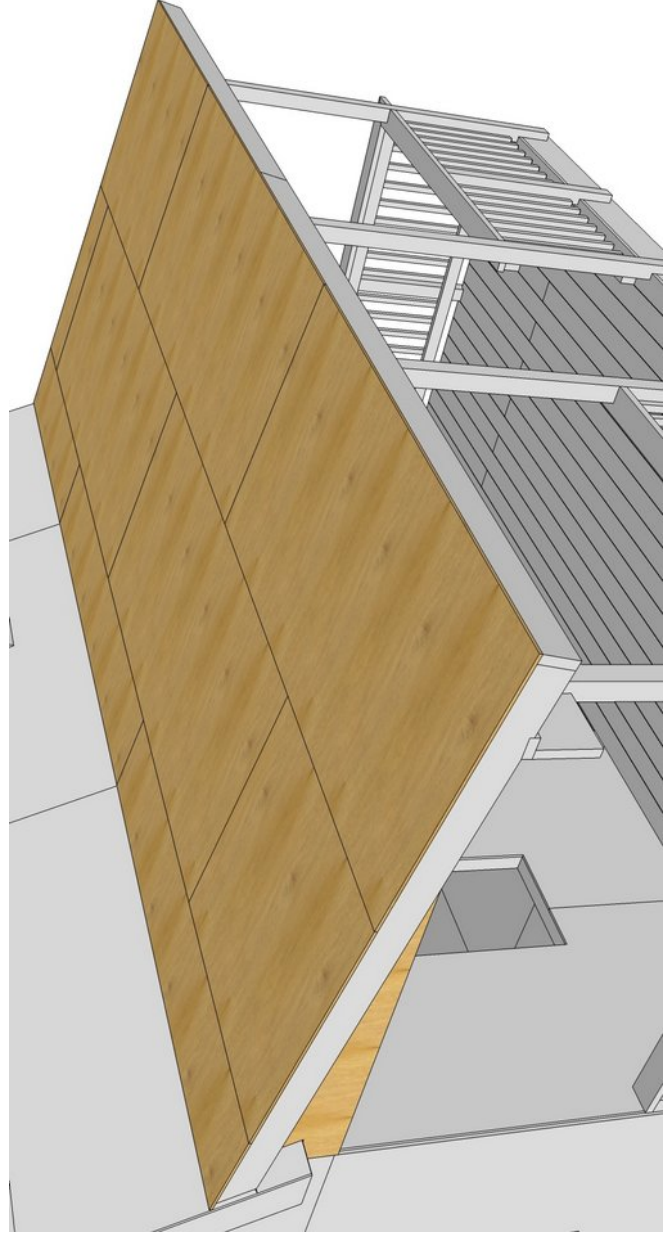
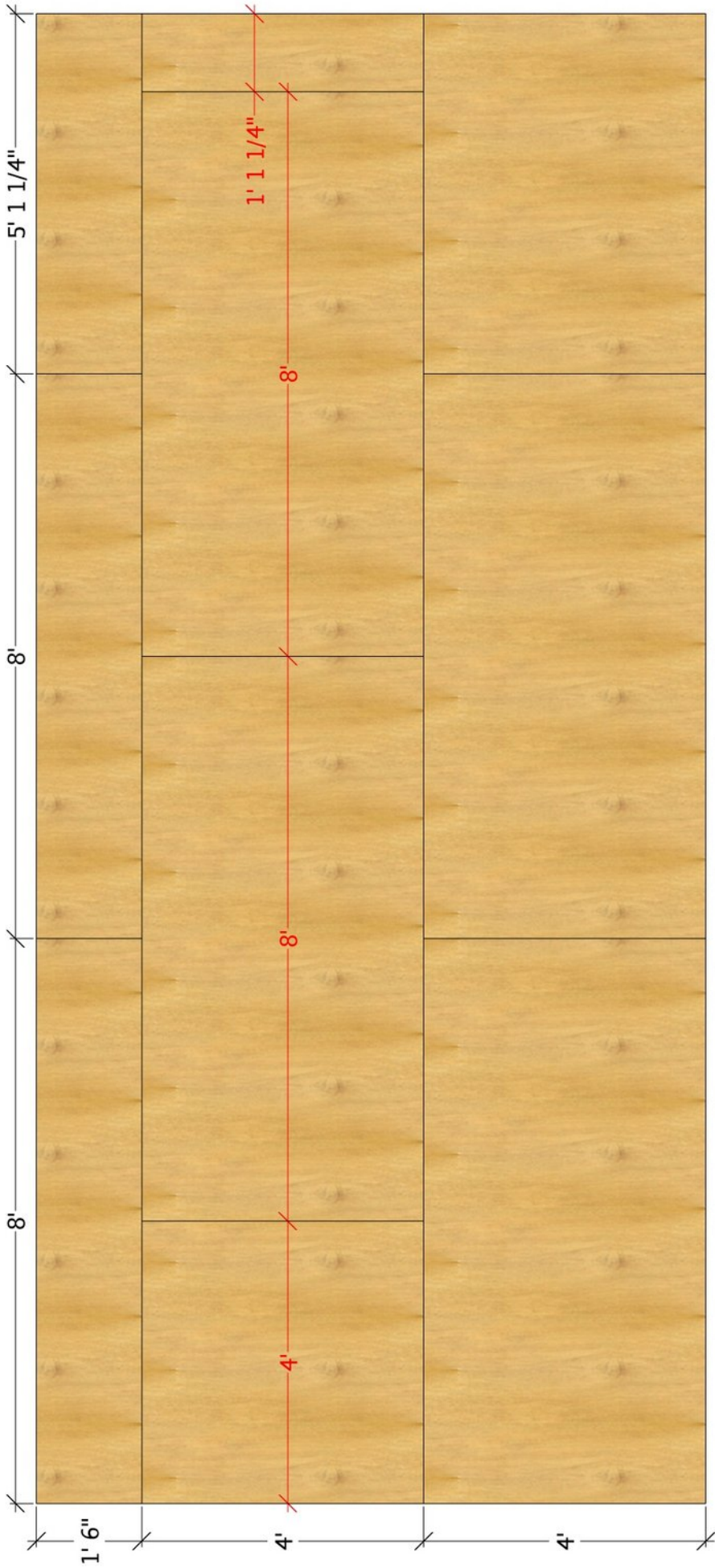


From (1) 5/8" sheet of plywood, cut and install two of the piece to the left and right sides of the porch roof as depicted on the next page.

From (7) 5/8" sheets of plywood, cut and install the porch roof sheeting assembly as depicted on page 98.







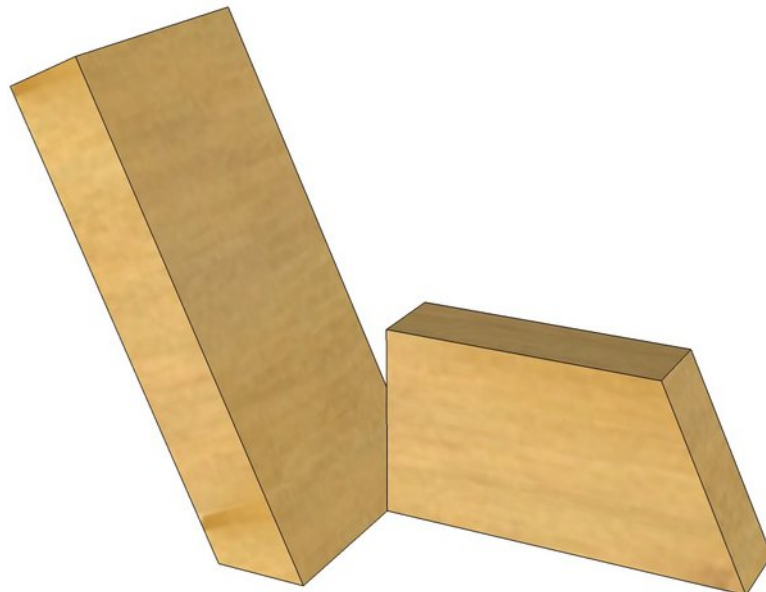
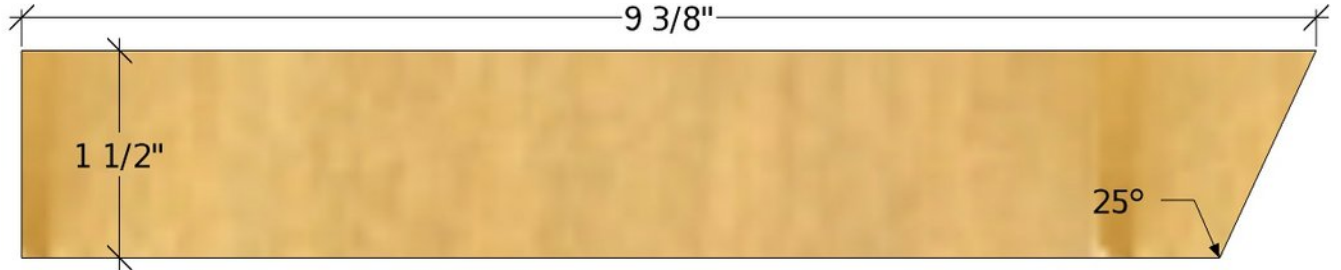
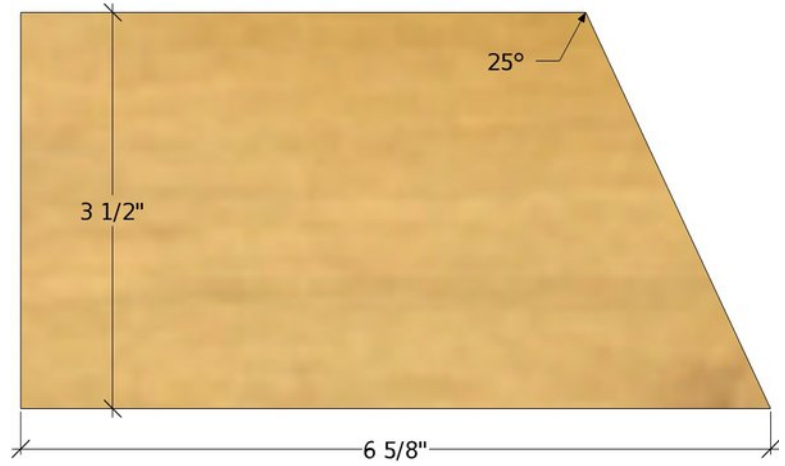
# 21

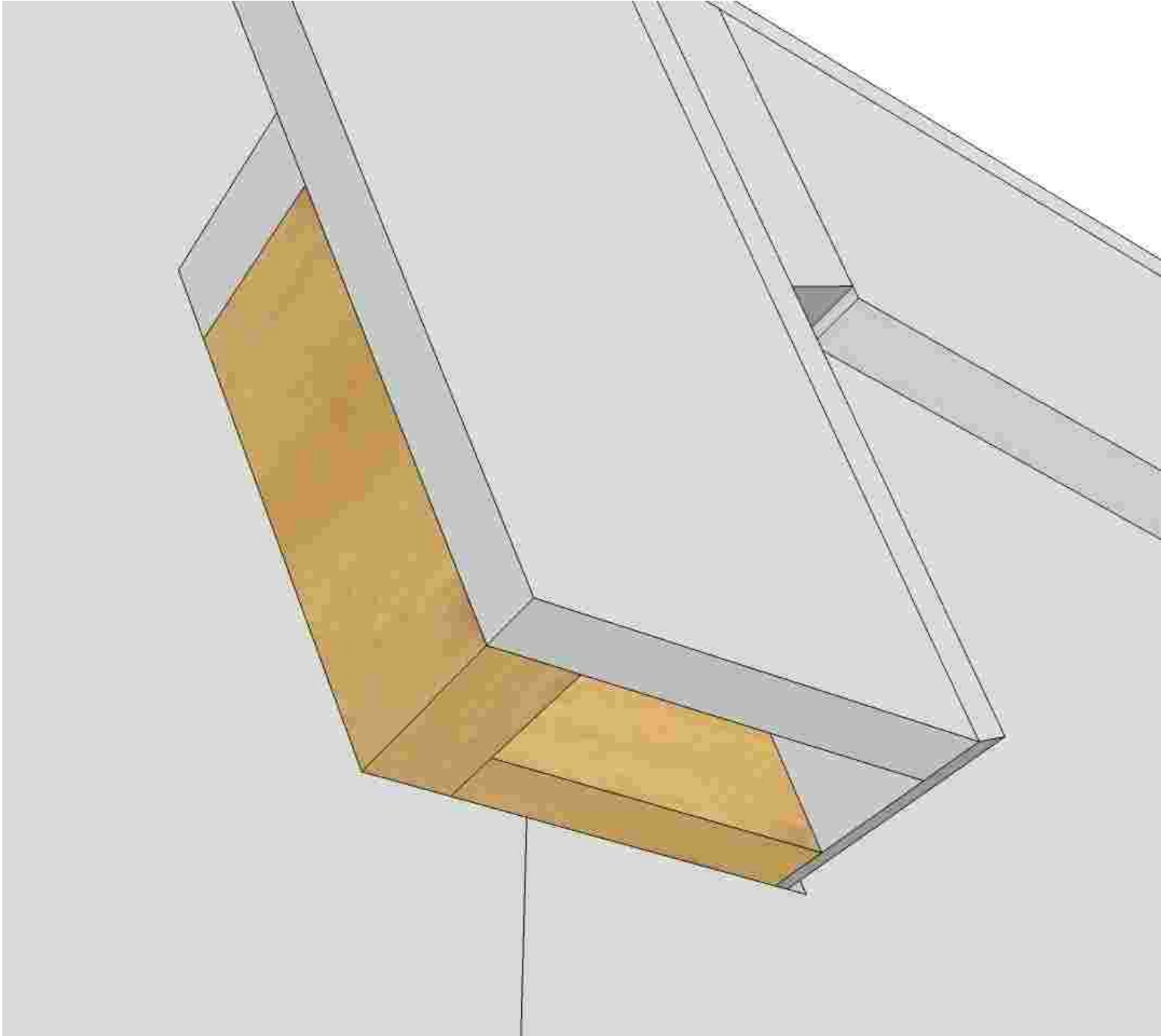
## Framing the Corner Trim

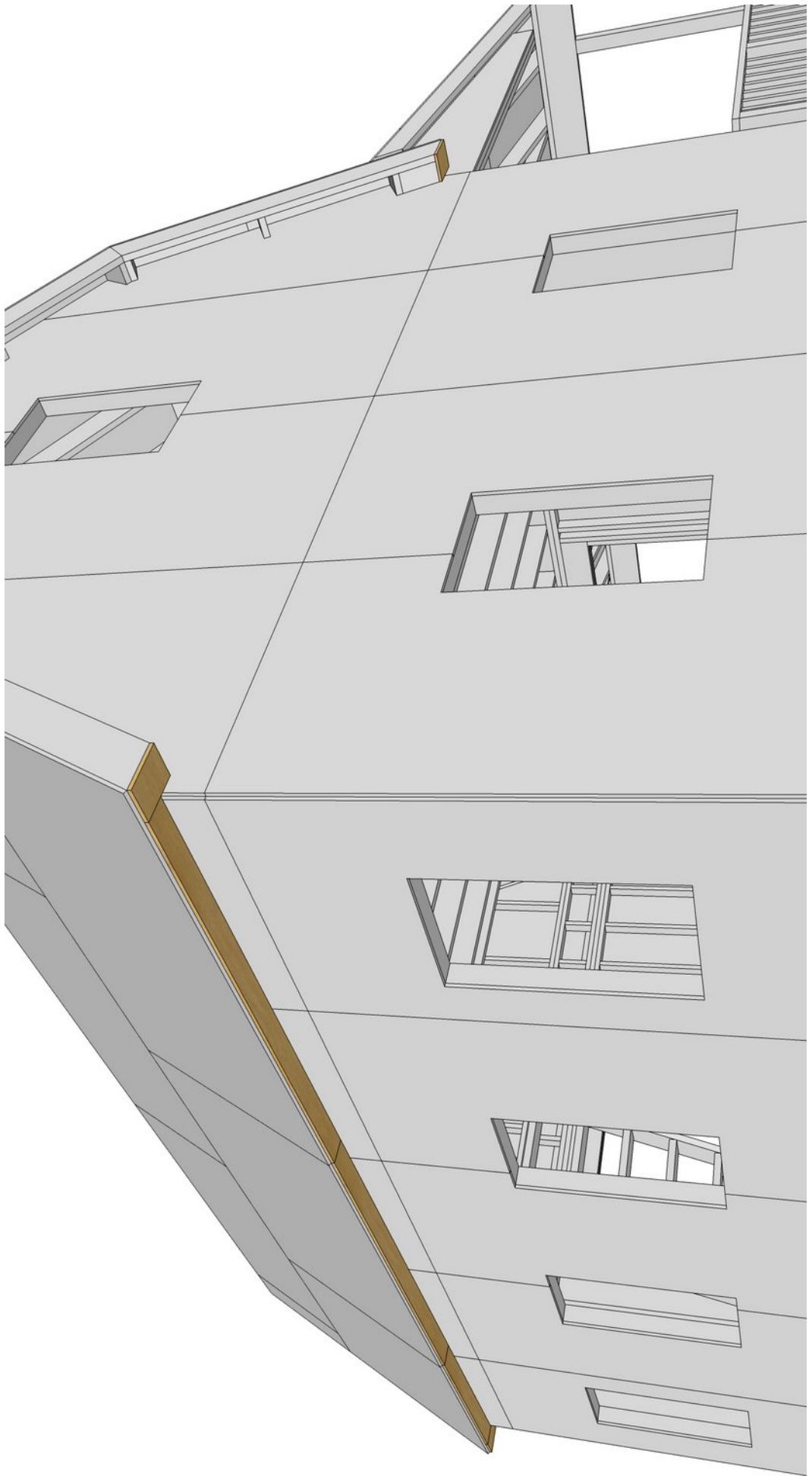
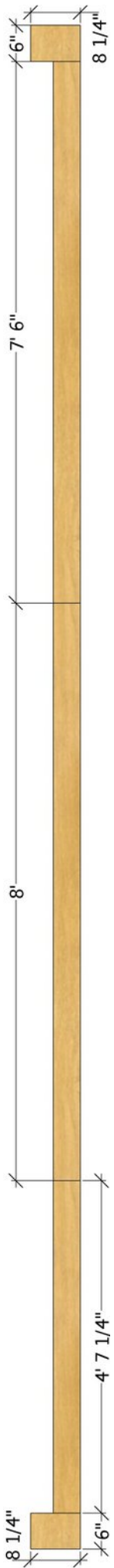
From some excess 2x4 material, cut four of the piece depicted in the right and below illustrations.

Arrange and install these pieces to the bottom of the main roof rakes as depicted on the next page.

From some excess plywood, construct and install the soffit unit as depicted on page 101.





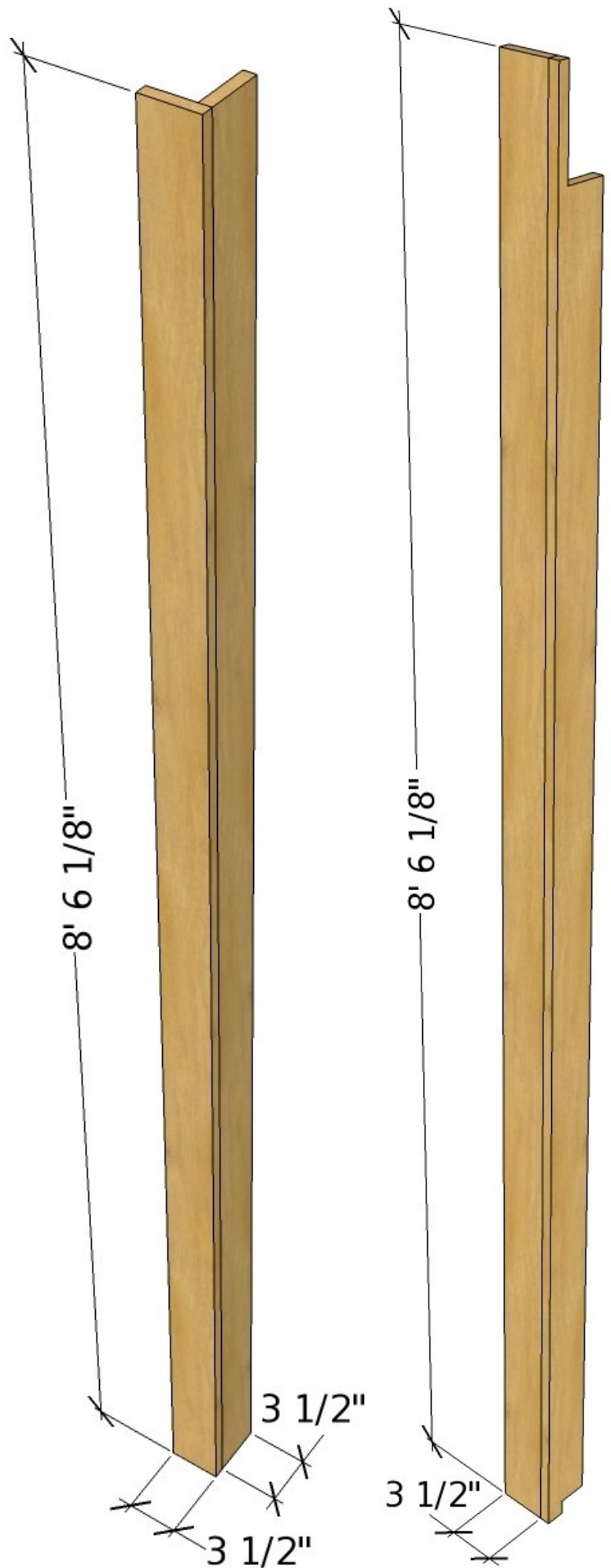


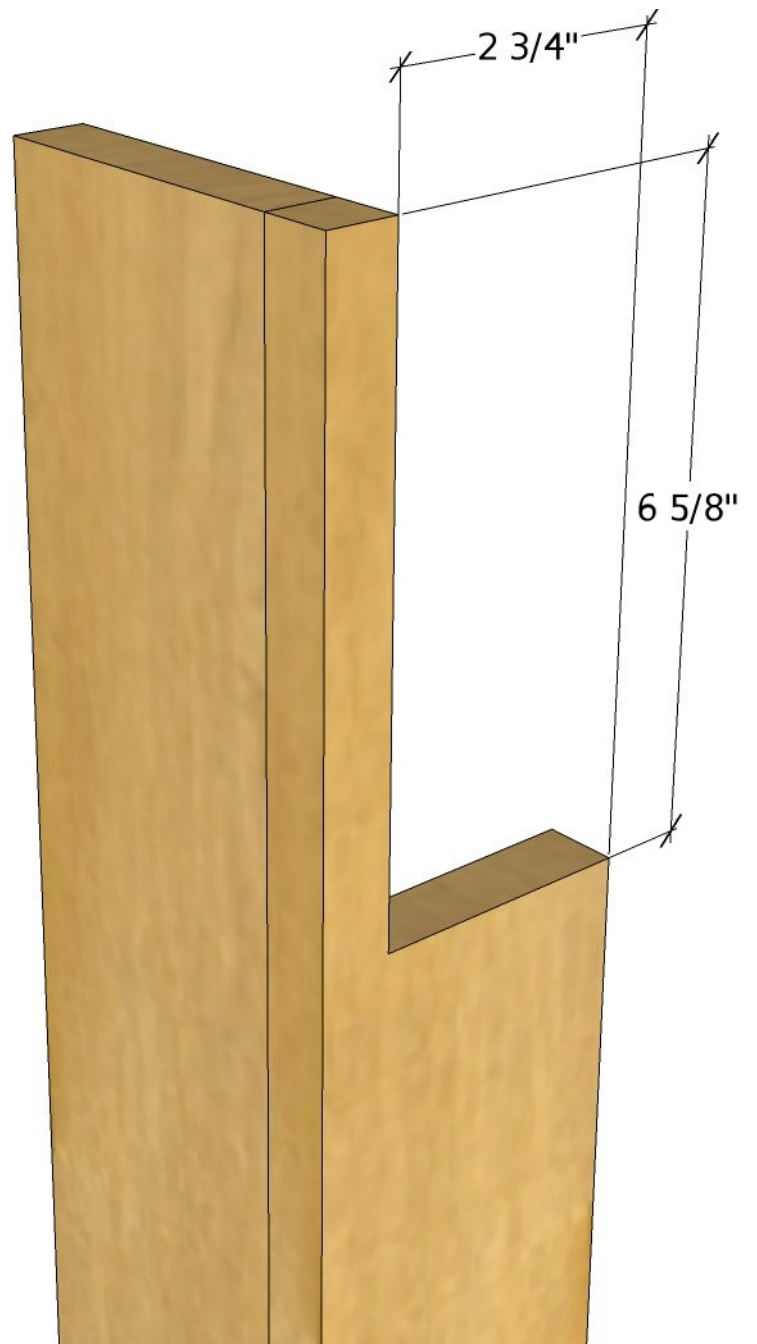
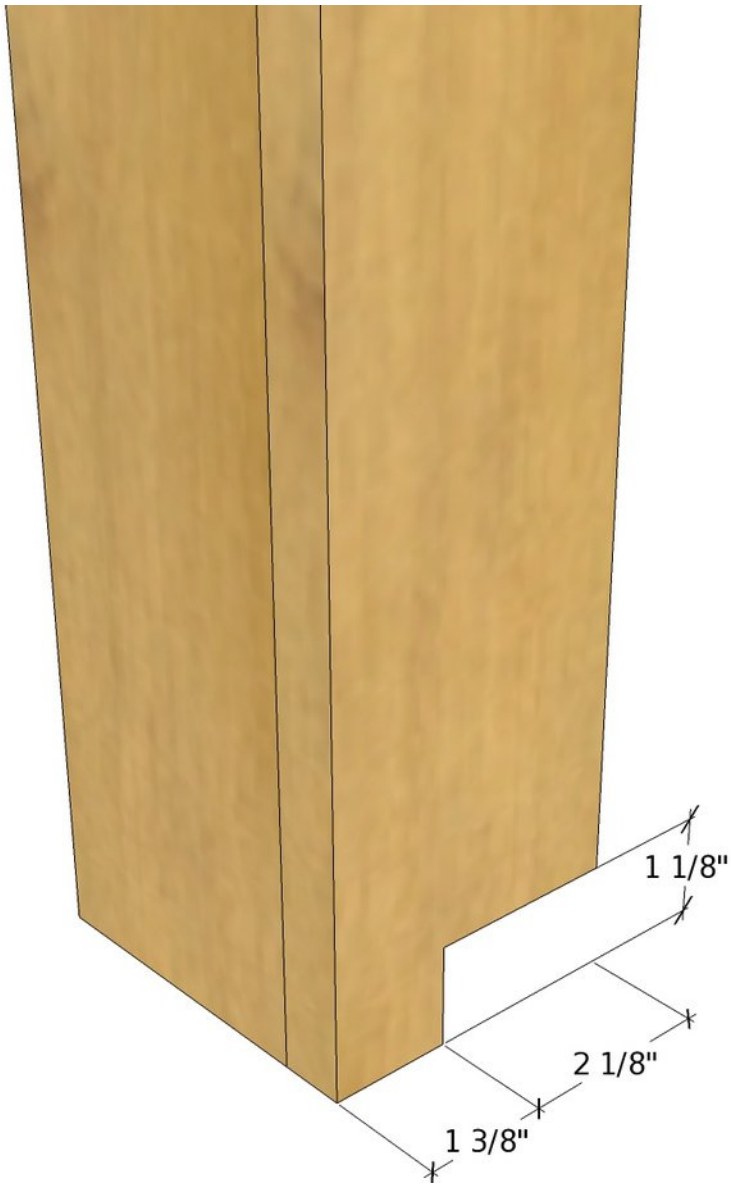
From (8) 1x4x10s, construct the two trim units depicted in the right illustrations, as well as two mirrored units. Use the illustrations on the next page for further details.

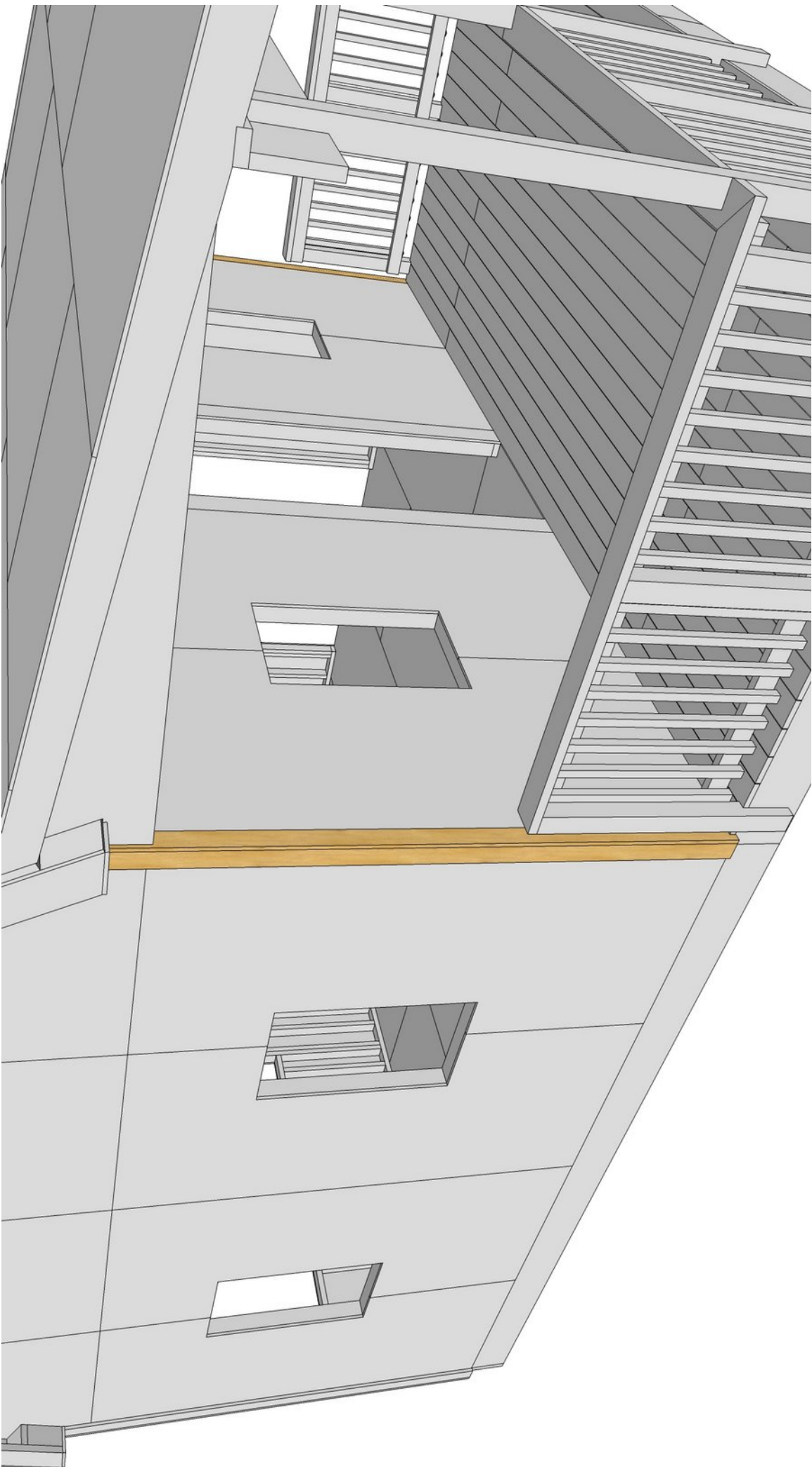
Install these four units to the four corners of the structure as depicted on page 104.

From (2) 1x4x12s, construct the unit, as well as a mirrored unit depicted on page 105.

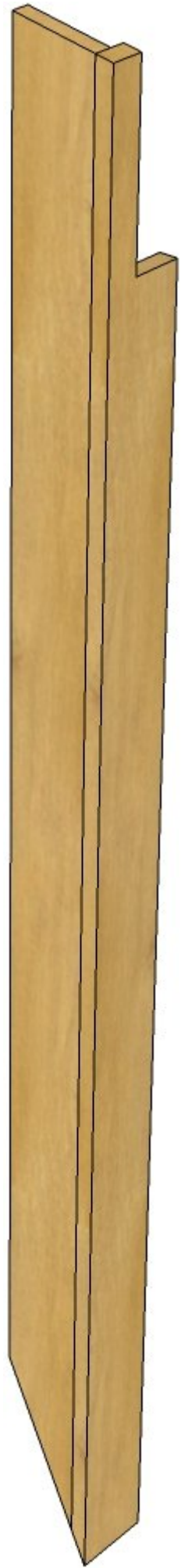
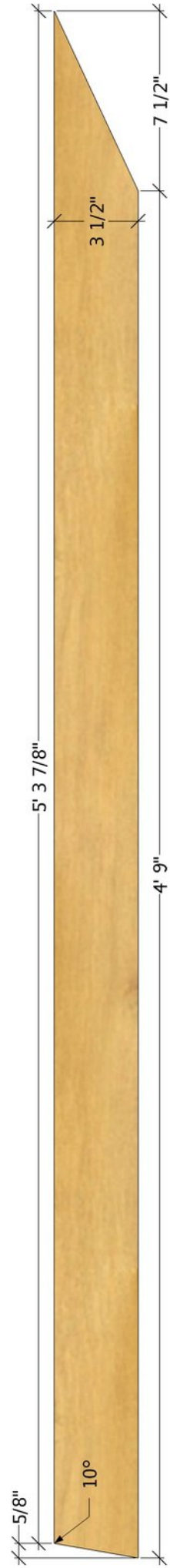
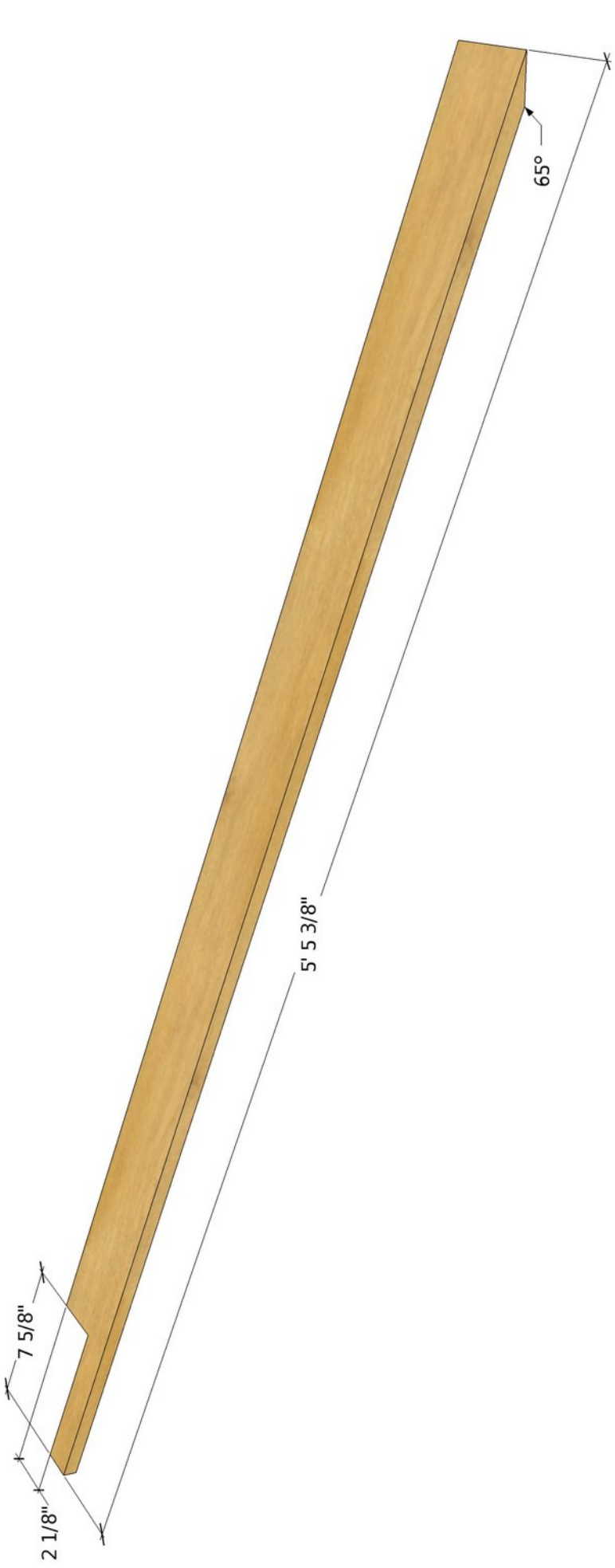
Install these two units to the dormer as depicted on page 106.

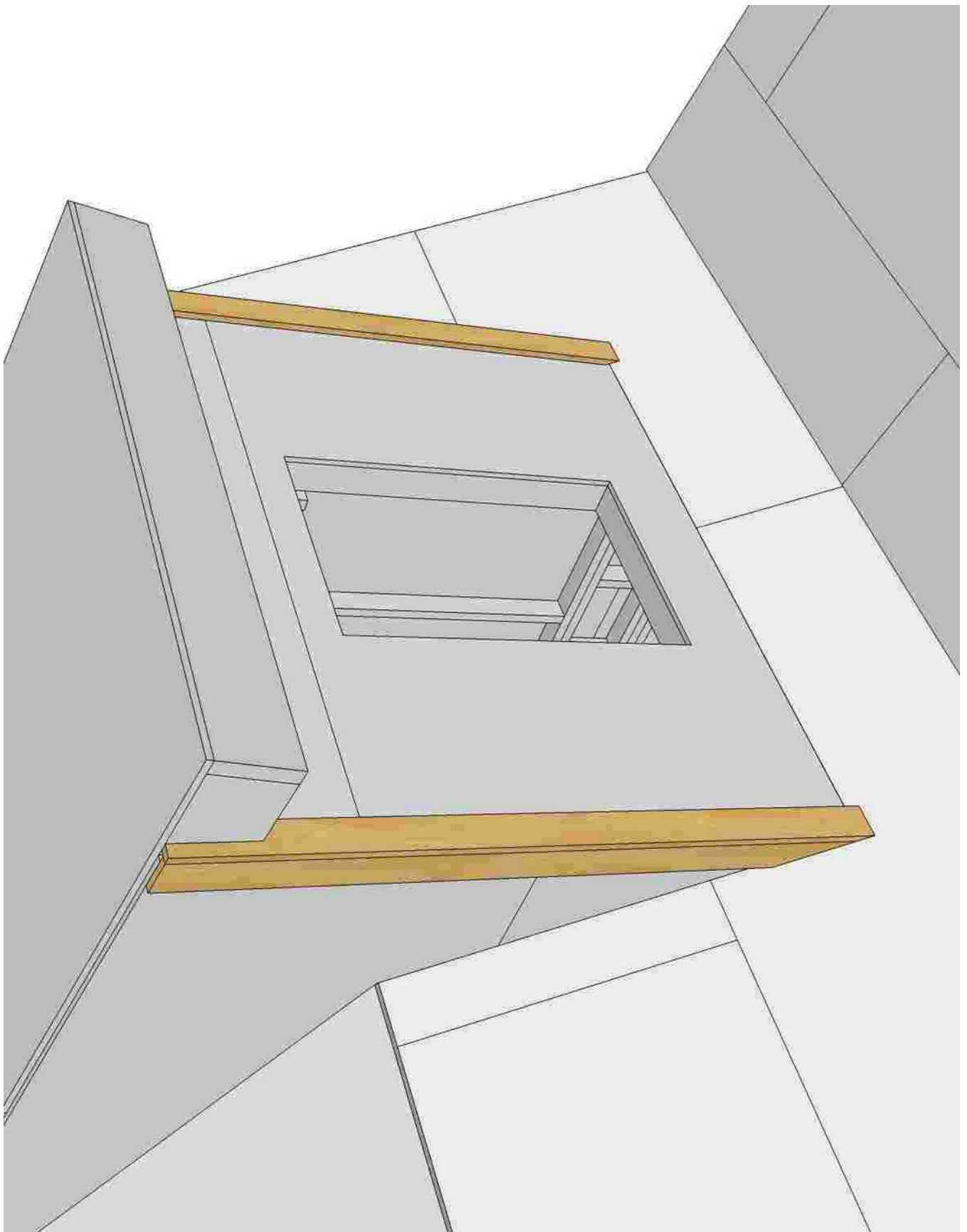












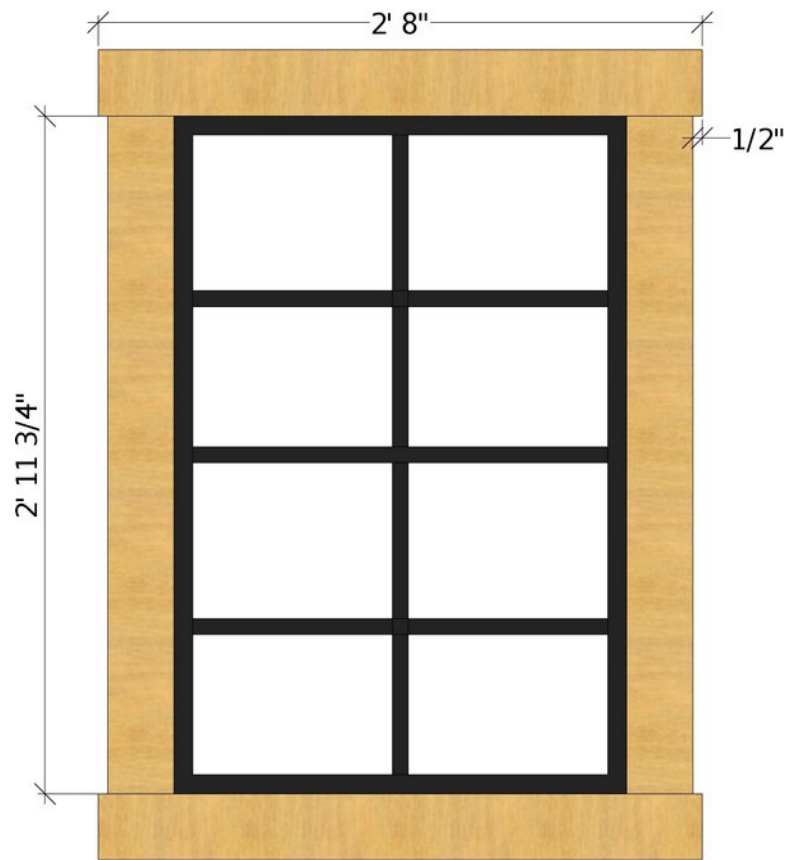
# 22

## Window Trim & Shutters

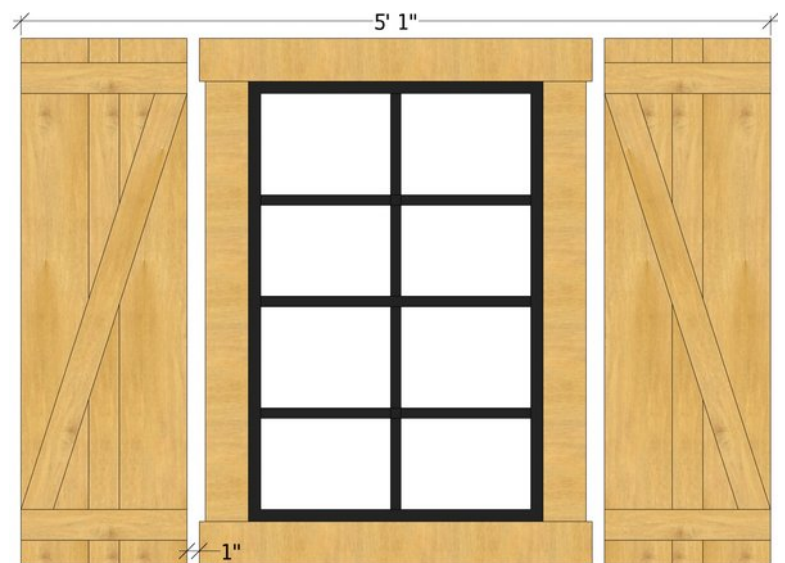
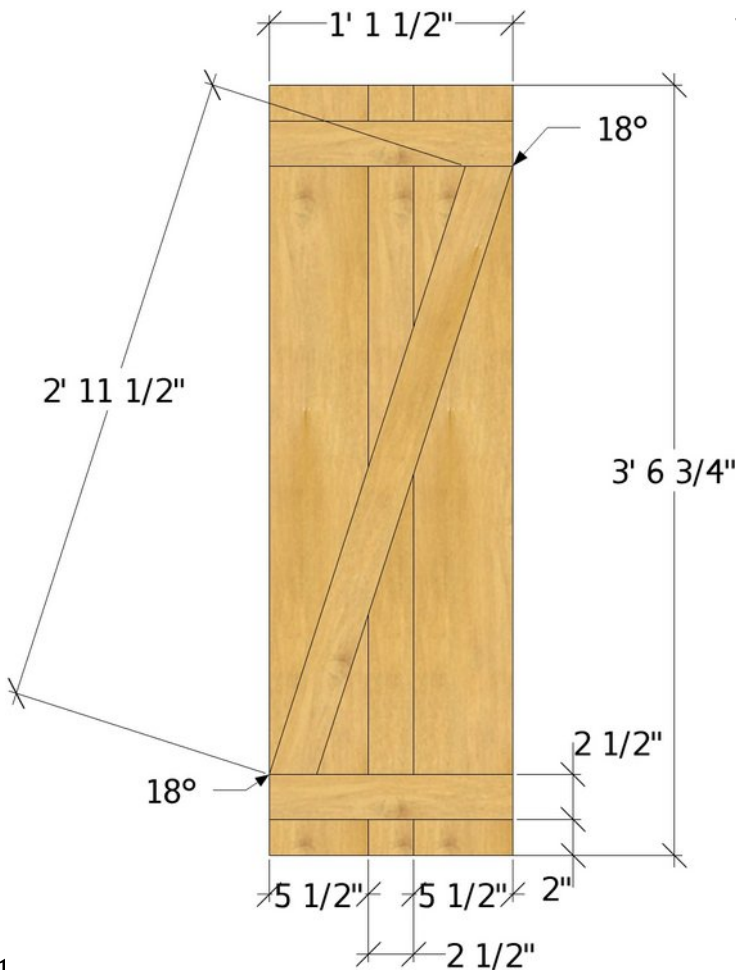
From (1) 1x4x12, cut and install the four pieces around the 2x3' window as depicted in the left illustration.

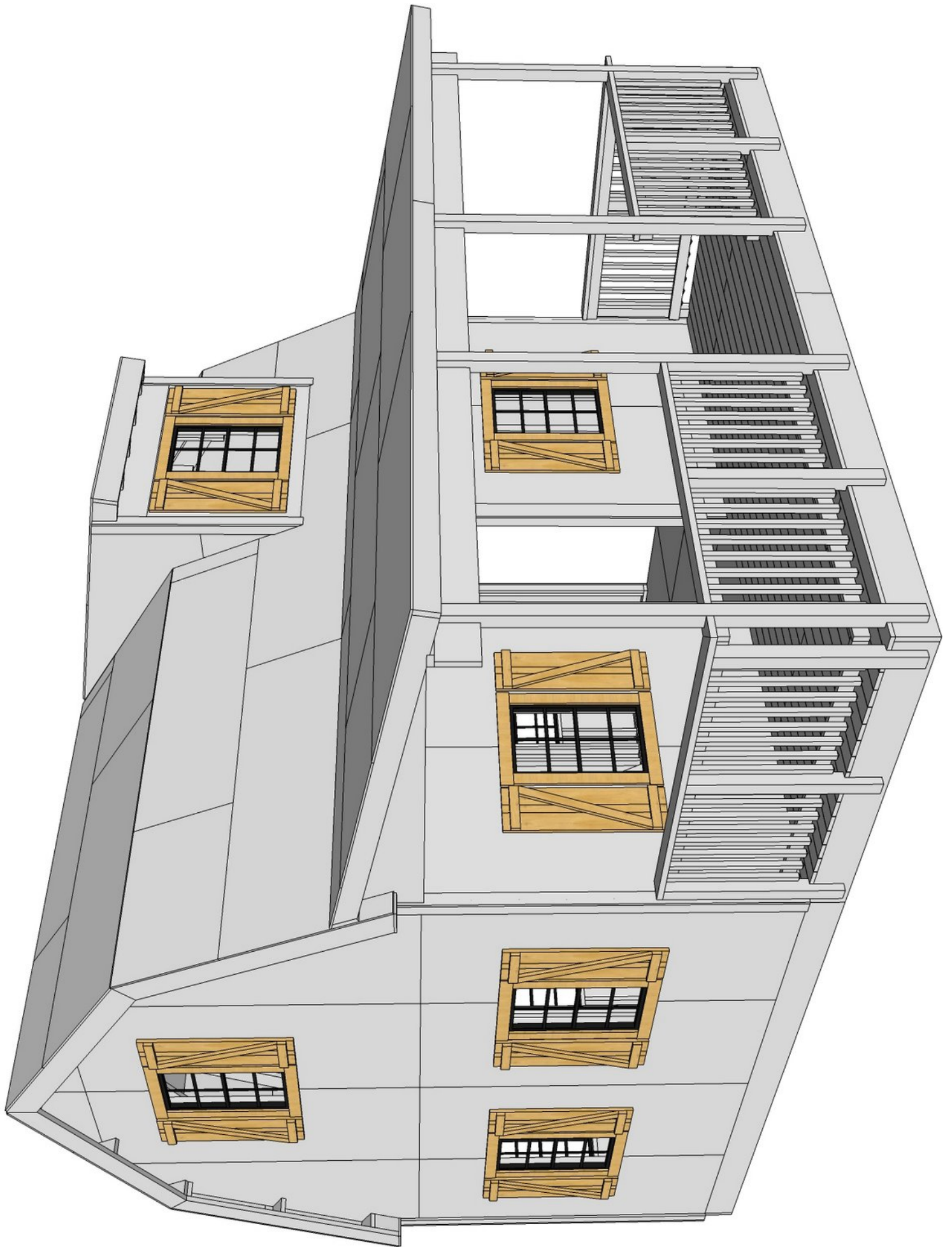
**11** of these trim units will be required for each of the eleven 2x3 windows.

From (1) 1x6x12, construct the shutter shown in the lower left illustration. The "Z" framing of the shutter should be ripped to 2 1/2" wide. Use 1 1/2" screws to secure everything together.



**20** of these shutters will be required. Install them to the left and right sides of the appropriate windows as shown in the below and following page illustrations.



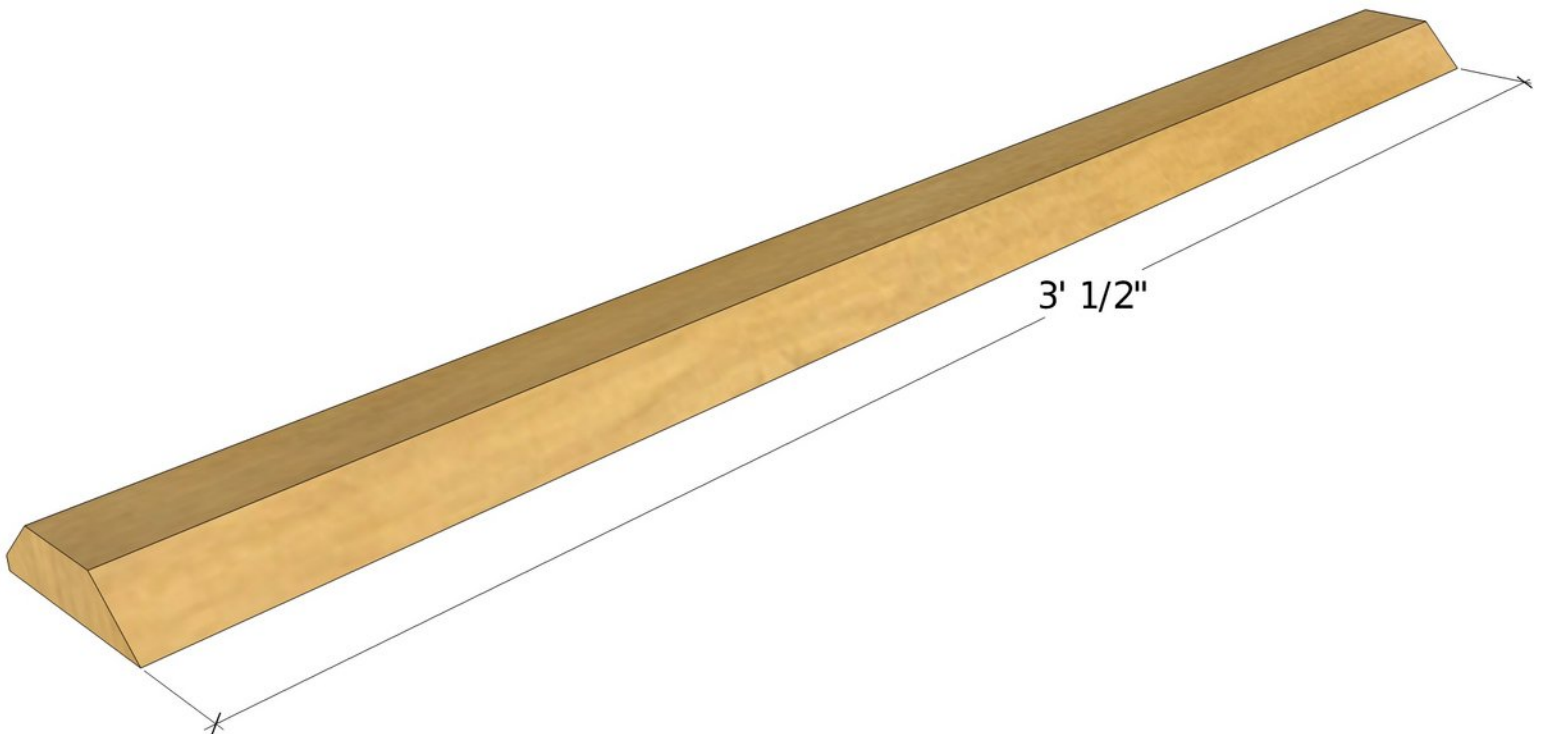
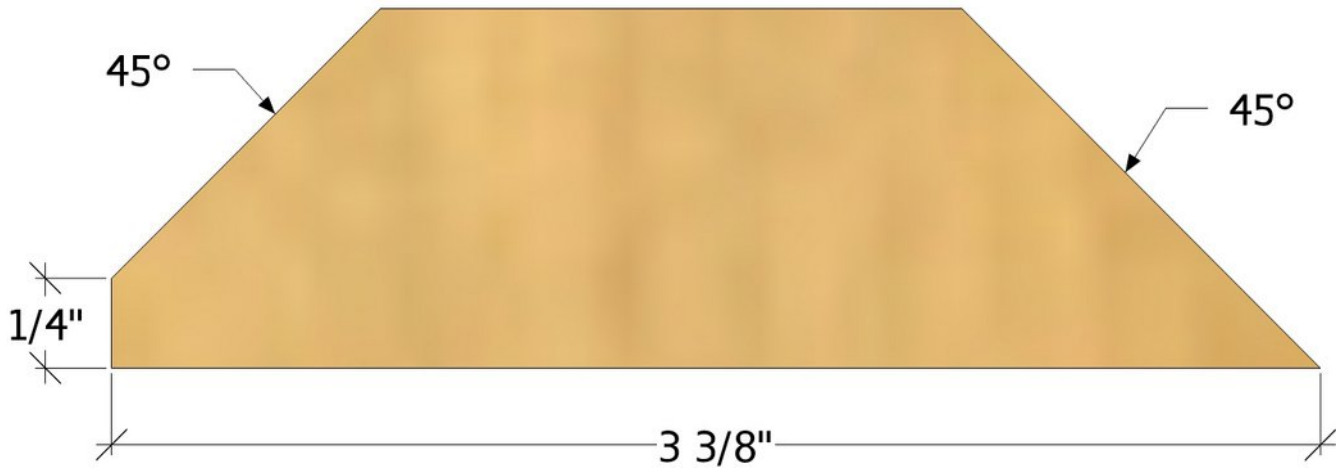


# 23

## Framing the Front Door

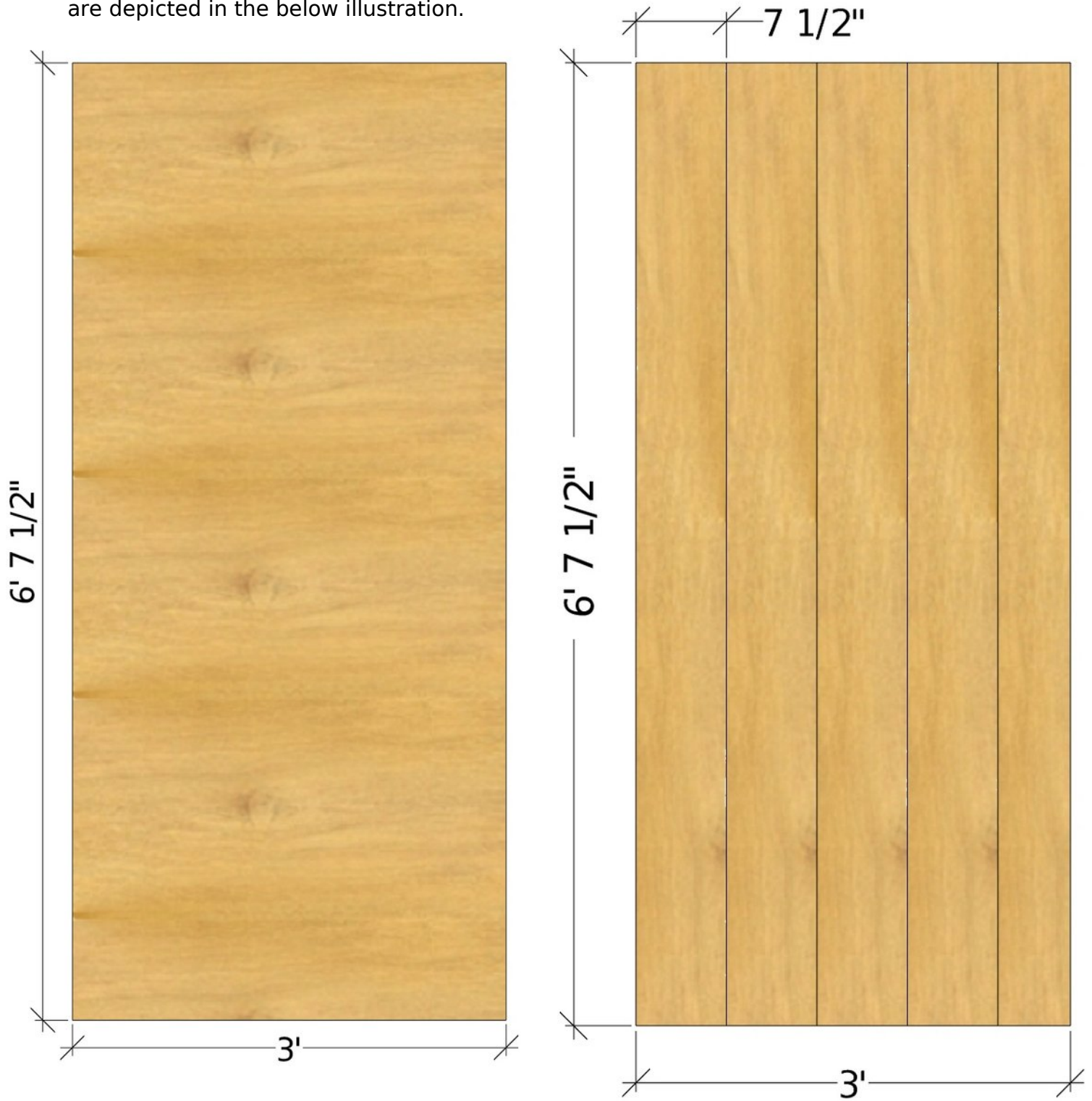
### Threshold

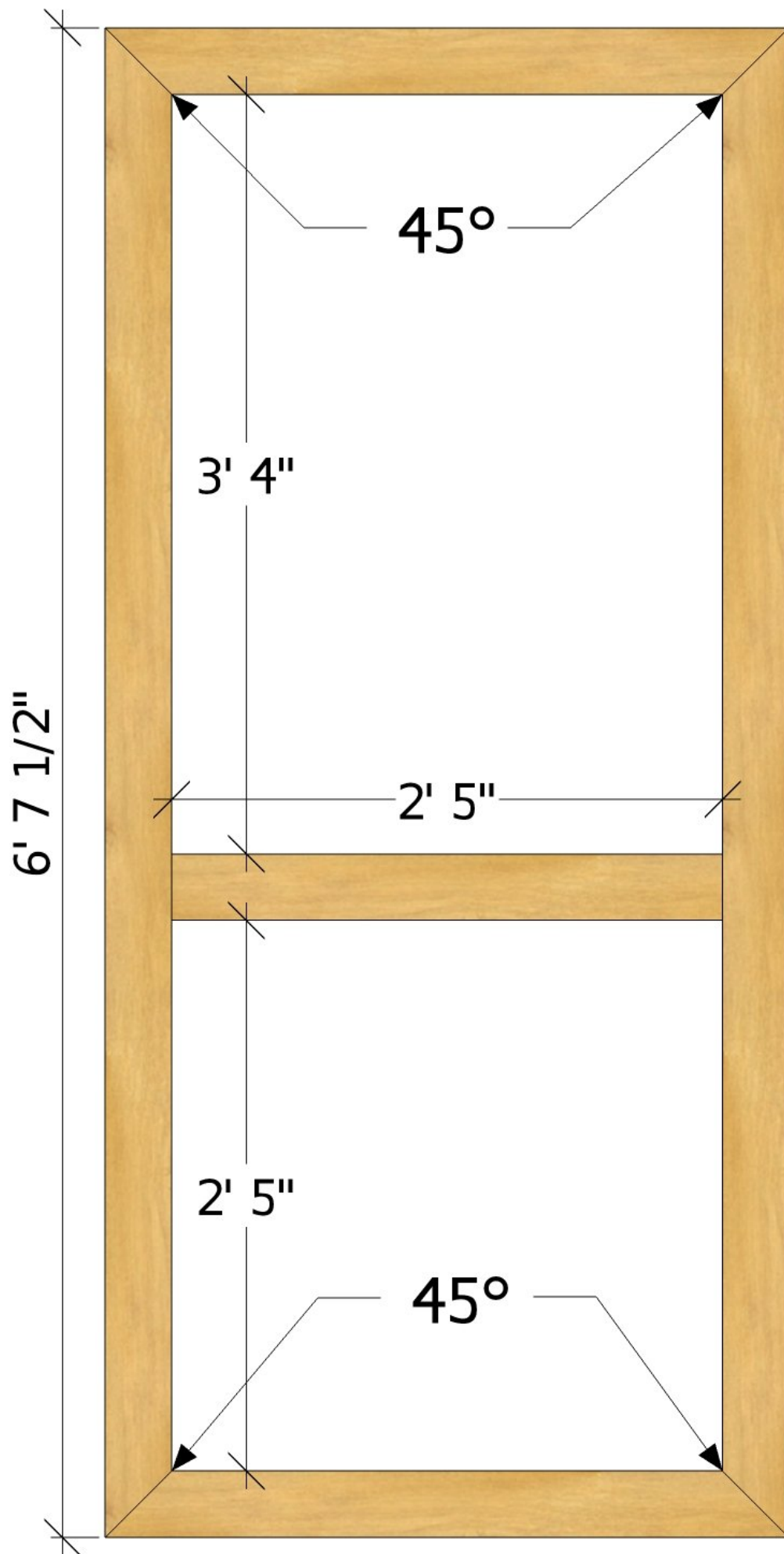
To construct the threshold, cut (1) 5/4 x 6 decking board to 3' 1/2". With a table saw or circular saw, rip the two 45 degree edges onto this piece as depicted in the below illustrations. Install this piece at the bottom of the rough door opening.



### Front Door

The main door can be based from either a single sheet of  $\frac{3}{4}$ " plywood, or (5) pieces of 1x8x8s. The lumber list at the start of this plan assumes the  $\frac{3}{4}$ " plywood. Both methods are depicted in the below illustration.



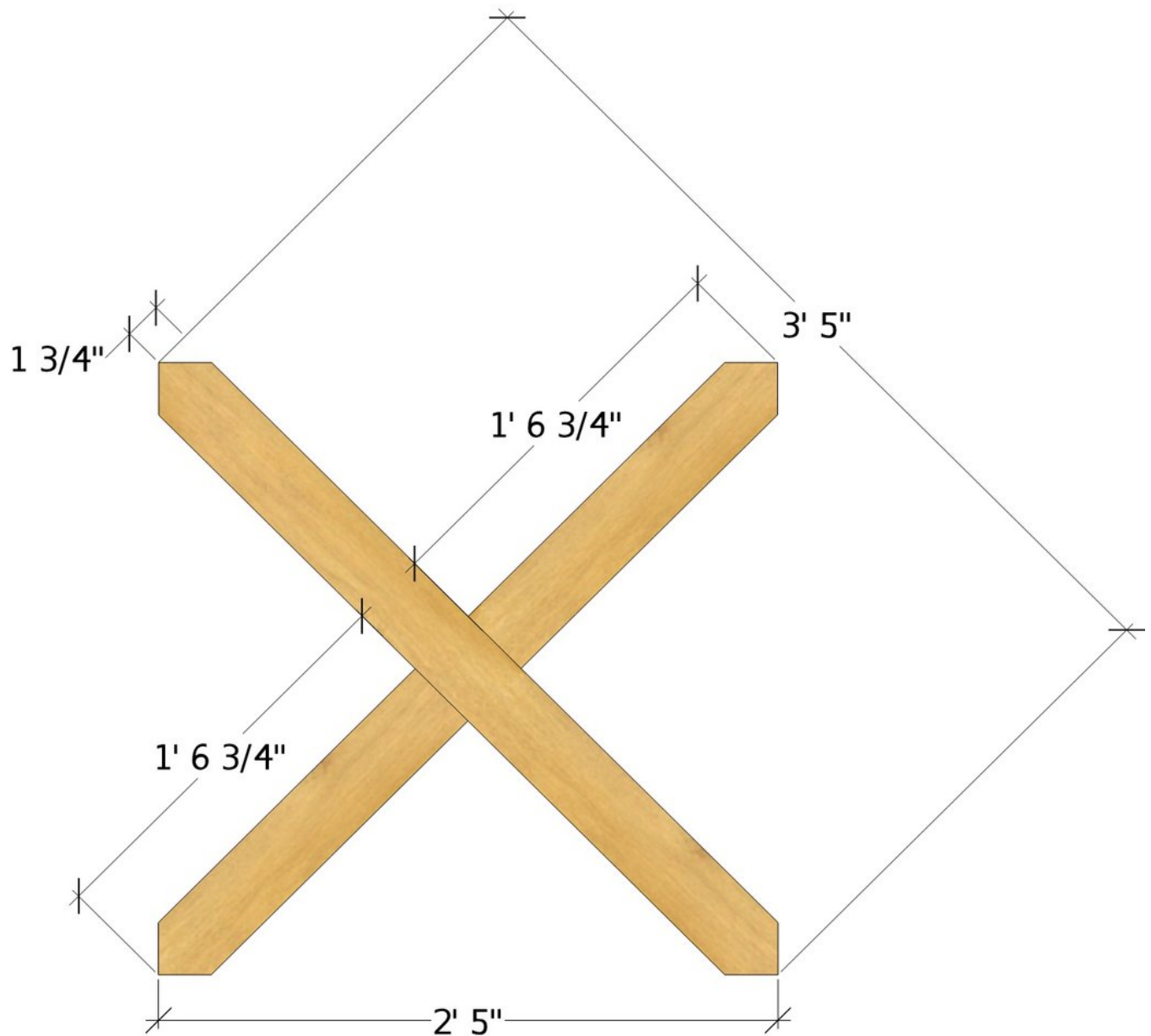


From (1) 1x4x10 and (2) 1x4x8s, cut and assemble the five pieces together as depicted on the previous page.

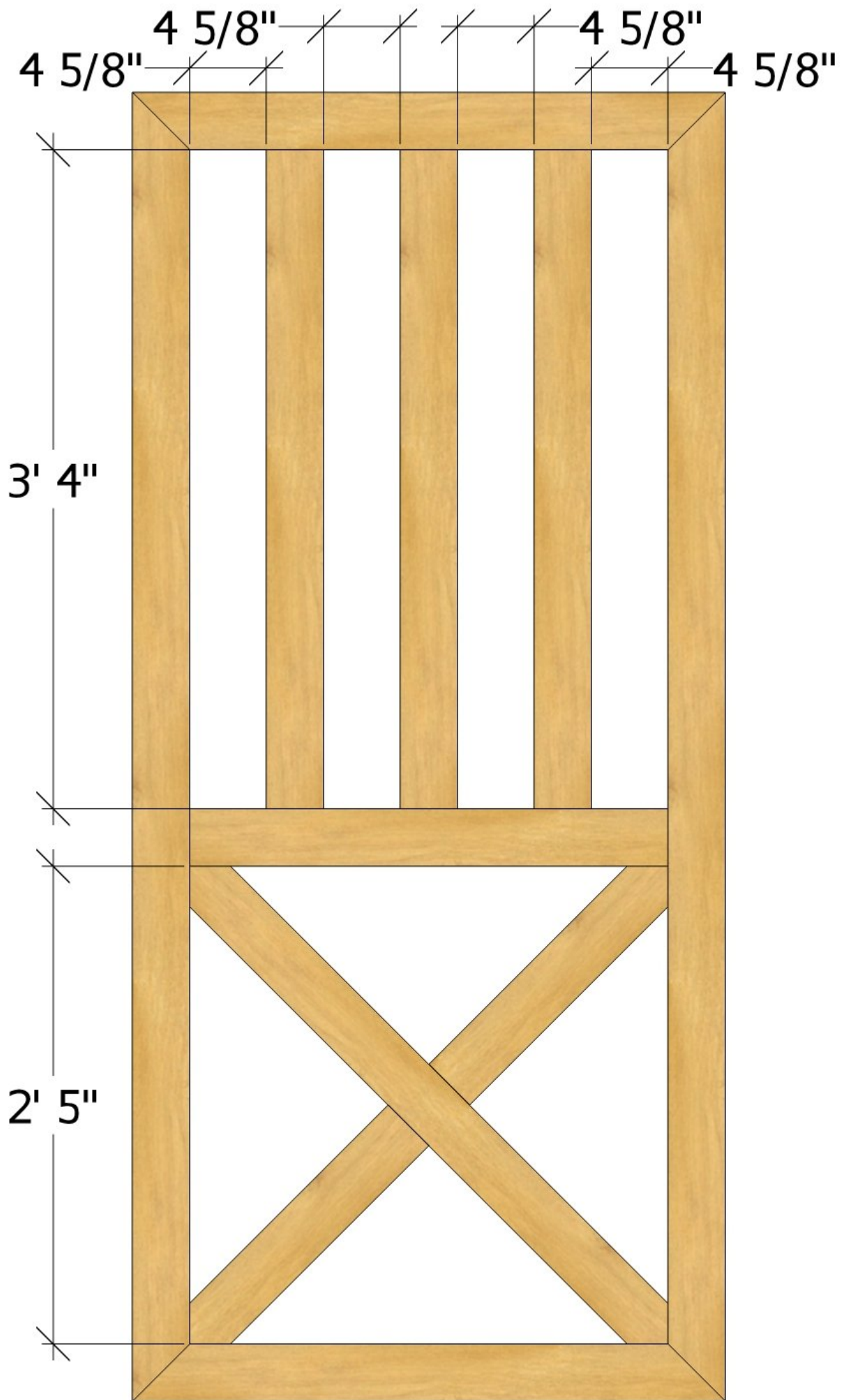
**Two** of these assemblies will be required. Install these two assemblies to the front and back side of the  $\frac{3}{4}$ " plywood or five piece 1x8x8.

From (1) 1x4x8, cut and assemble the three pieces in the shape of an "X" as depicted in the below illustration. Install this "X" to the bottom, front side of the door as depicted on the next page.

From (1) 1x4x10, cut three 3' 4" pieces. Install these pieces to the top, front side of the door as depicted on the next page.







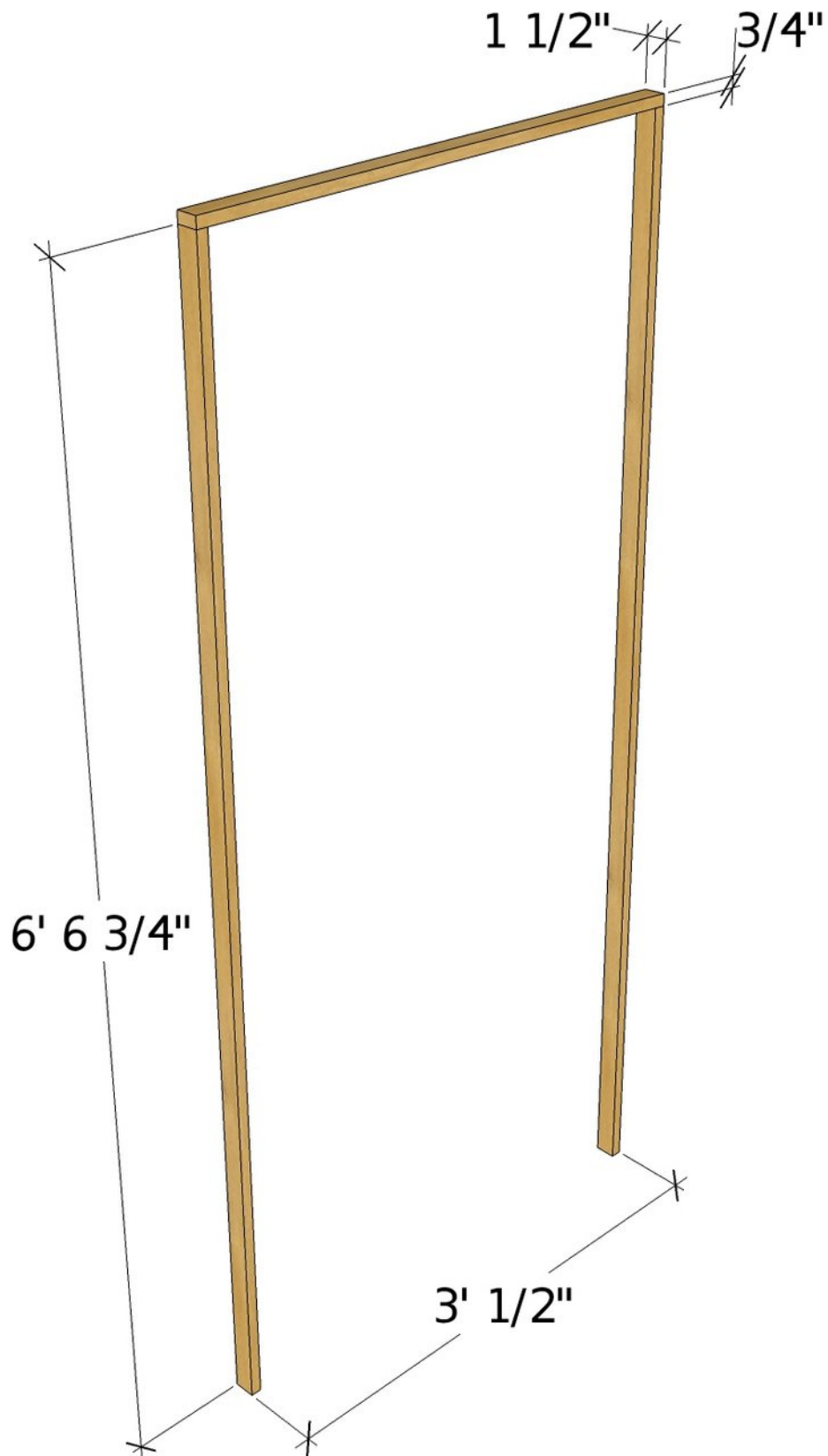


From (1) 1x4x12 and (1) 1x4x8, cut and install the three trim pieces around the door opening. Along with three hinges, door handle and door latch, install the door assembly into the rough door opening as depicted in the below illustrations



## Door Jamb

From (1) 2x4x8, rip off three  $\frac{3}{4}$ " pieces, and cut two of them to 6' 6  $\frac{3}{4}$ " and one at 3'  $\frac{1}{2}$ ". Assemble and install these pieces to the rough door opening as depicted in the below and next page illustrations.



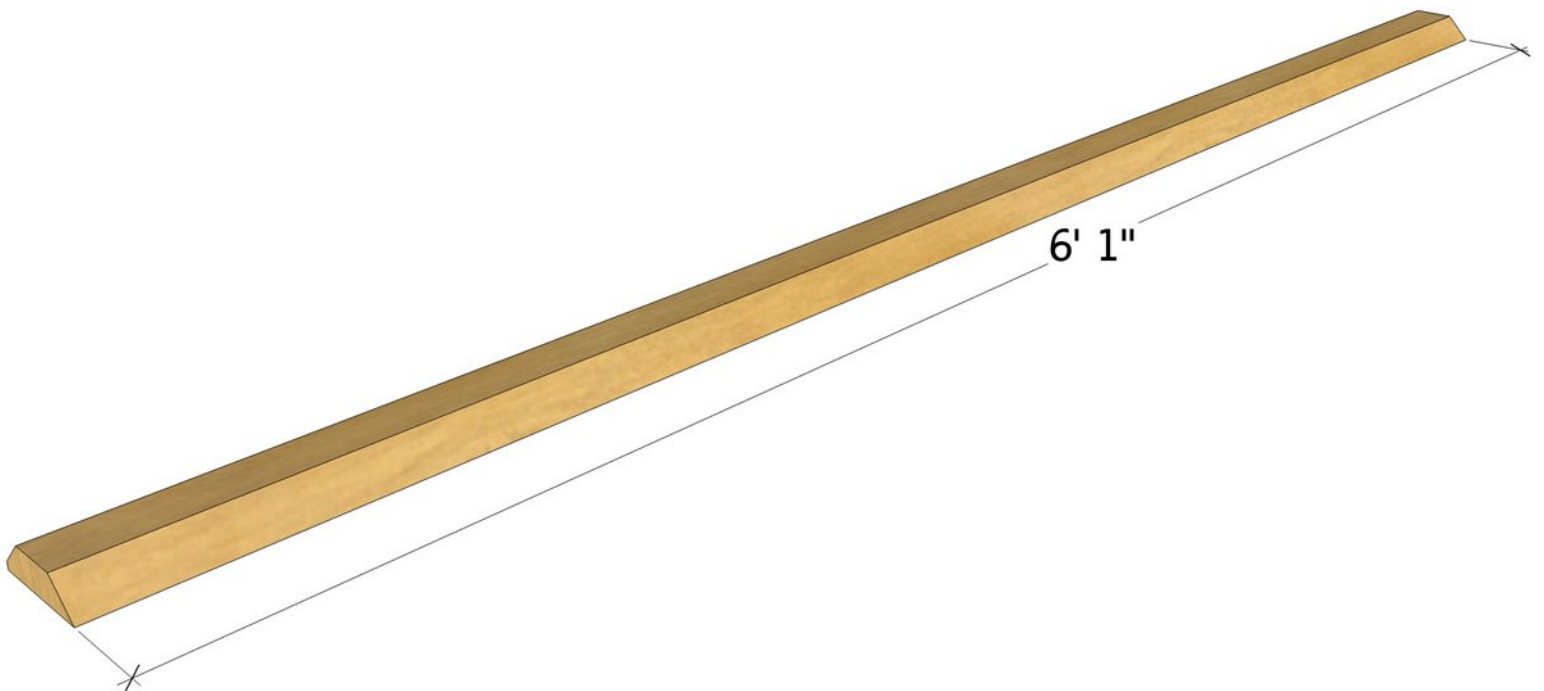


# 24

## Framing the Double Wide Door

### Threshold

To construct the threshold, cut (1) 5/4x6x8 decking board to 6' 1". With a table saw or circular saw, rip the two 45 degree edges onto this piece as depicted in the below illustrations. Install this piece at the bottom of the rough door opening.

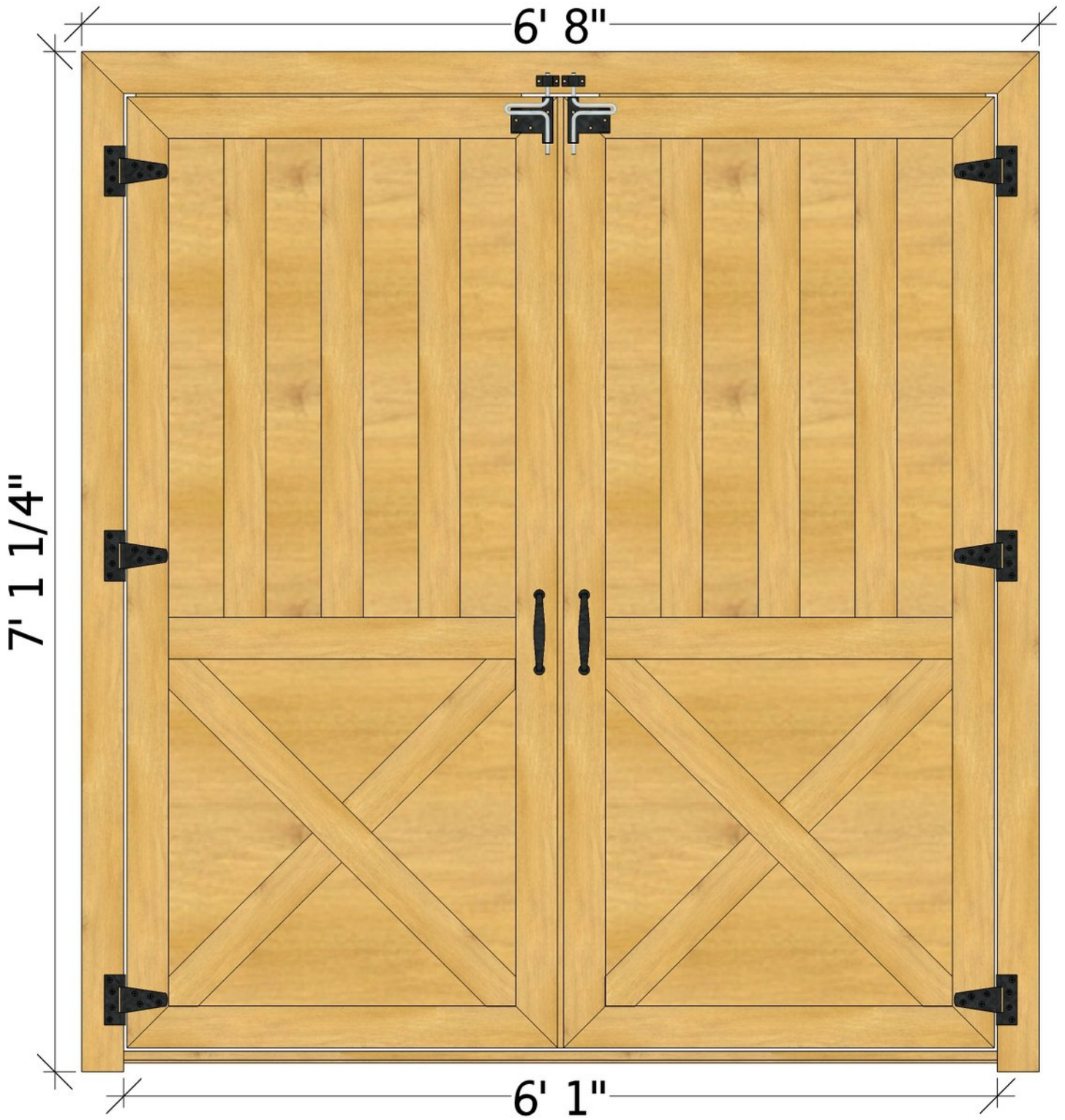


## Duel Doors

Use the same procedure from step 32 to build two doors. Install these doors to the double wide opening as depicted in the below and next page illustrations.



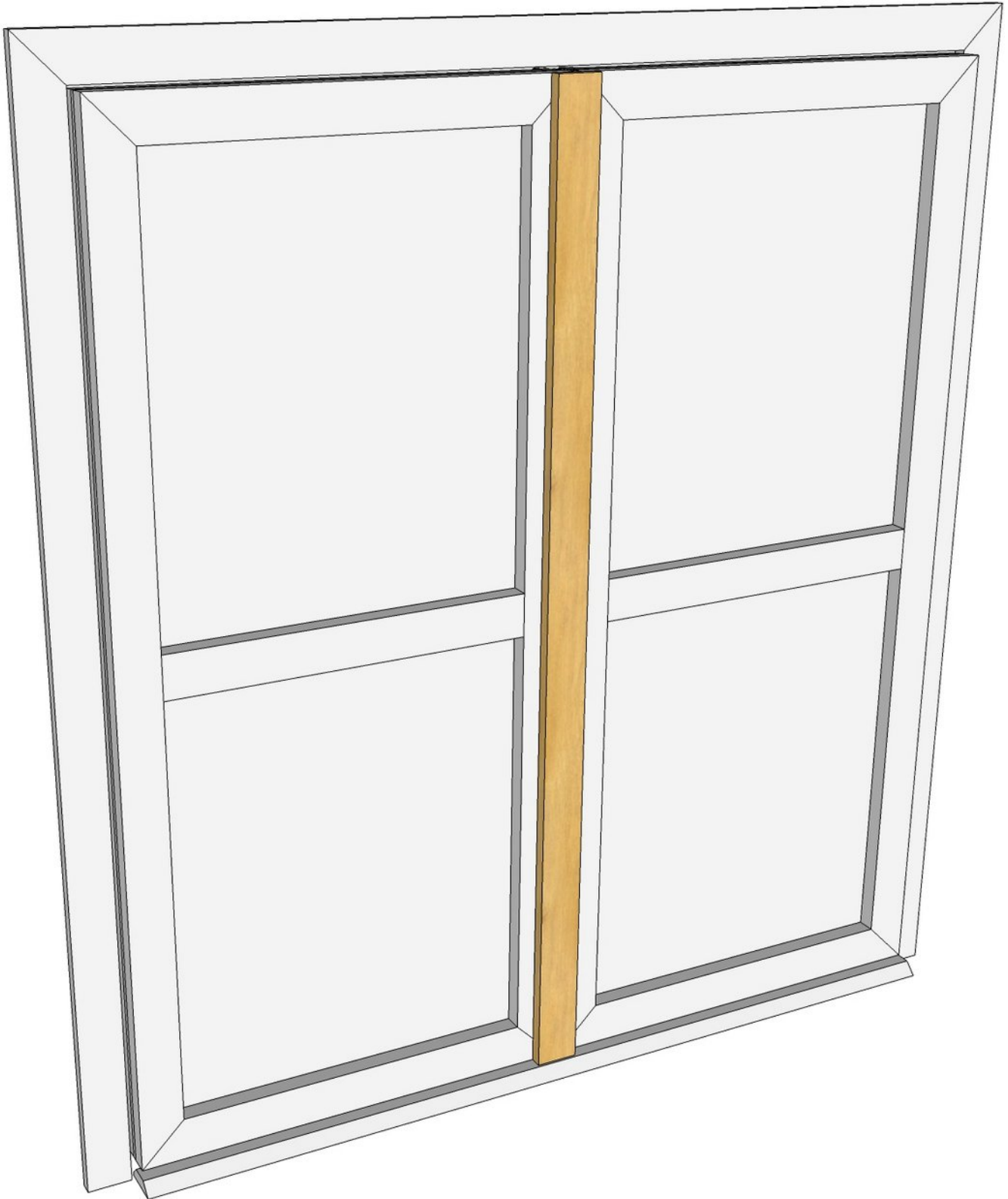
From (3) 1x4x8s, cut and install the three pieces of trim around the doors as depicted in the below illustration. Use (6) door hinges, (2) door hinges and (2) door latches to hand and properly operate the doors.





## Door Jamb

Cut (1) 1x4x8 to 6' 7 1/2". Screw this piece to the back of the right door, overhanging just enough to catch the opposite door by 1/2". This piece will act as a door jamb for the left door.



From (2) 2x2x36" balusters, cut two 2' 8" pieces. Attach these pieces to the top of the double wide door opening as depicted in the below illustration. These two pieces will act as a door jamb for both the doors.



