



# Paul's Outpost One Play-set Plan



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## Introduction

Thanks for downloading Paul's Outpost One Play-set Plan! We hope that both the building process and the final, complete project make for a great time for the whole family.

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. Happy play housing!



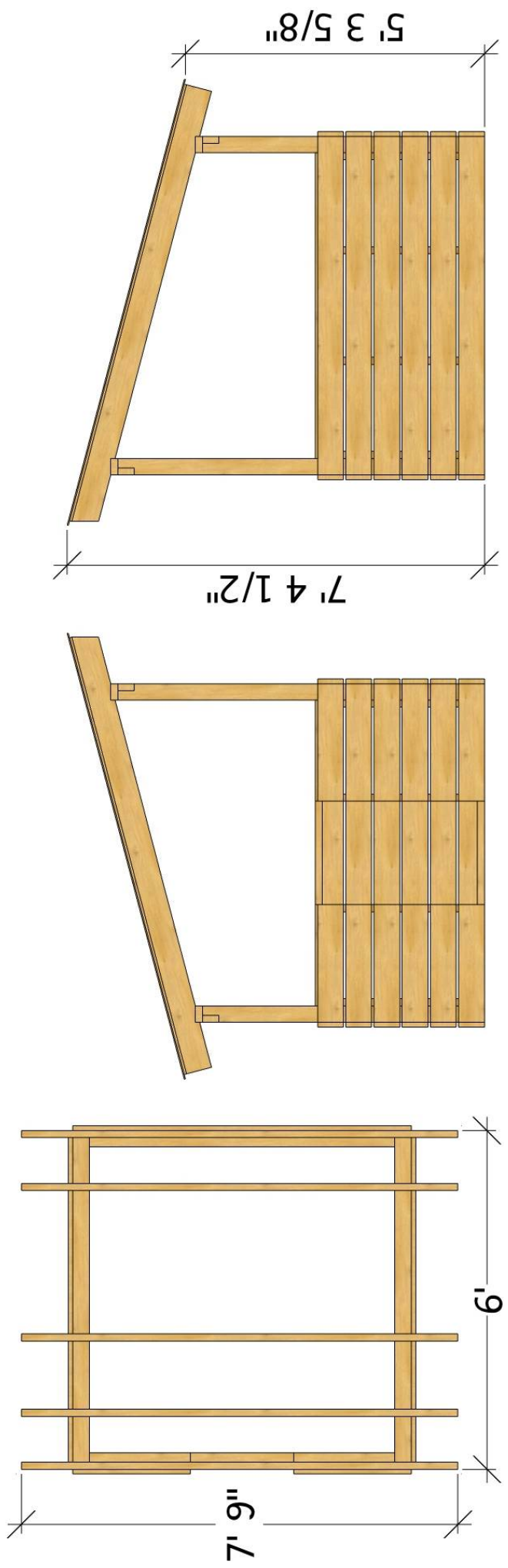
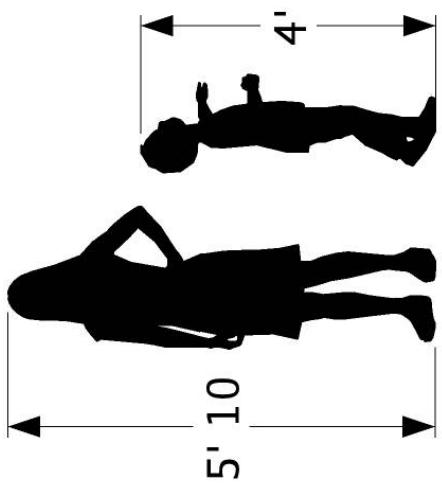
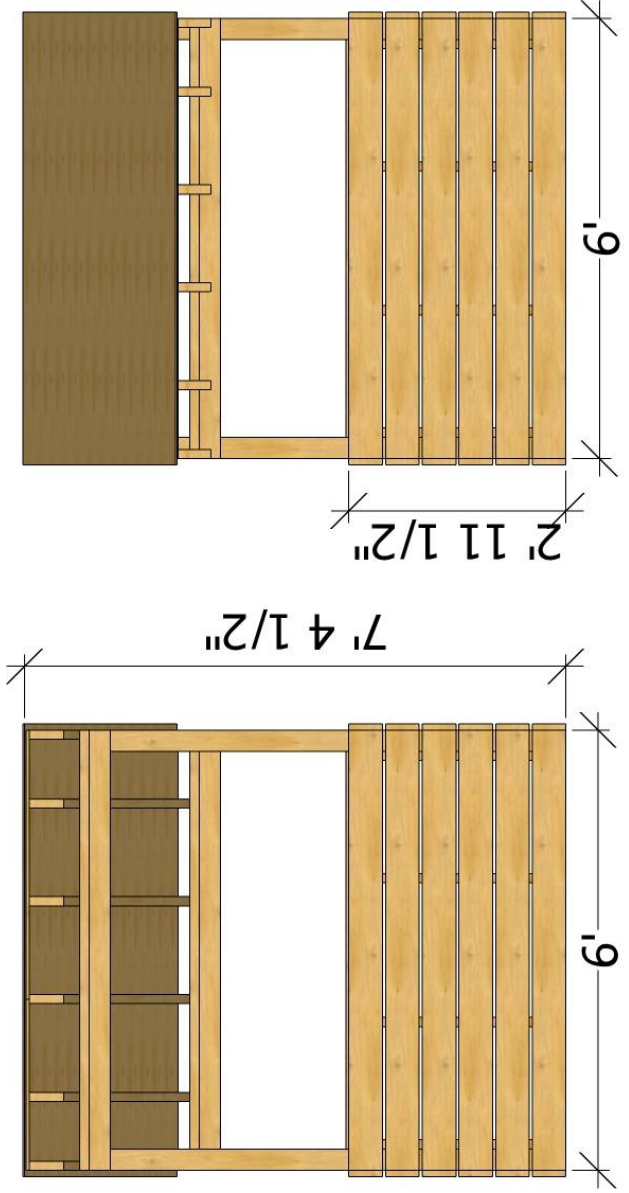
## Before you swing that hammer:

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.
- 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 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 playhouse design, be sure to check out [TreehouseSupplies.com](#) for treehouse hardware, kits, zip-lines and other accessories.
- Spreading mulch and having distinguished walks can help reduce trip and fall injuries. Be sure to also add handles in climbing areas, as well as sand sharp edges in high traffic areas.
- Read over the United States CPSC's [Outdoor Home Playground Safety Handbook](#). This short publication goes over important safety factors when it comes to a variety of topics regarding backyard play structures.
- For areas that use the metric system: **1" = 2.54cm** | **1' = 30.48cm**
- Many answers to common questions can be found on the [FAQ](#) page.
- 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:

- (5 lbs) [GRK 3" R4 Screws](#)
- (5 lbs) [GRK 2.5" R4 Screws](#)
- (Optional) [GRK 4" RSS](#)

### 1/2" Bolts:

N/A

### Windows:

N/A



## Tools

[Pencils](#)

[Hand saw](#)

[Measuring Tape](#)

[Speed Square](#)

[Hammer](#)

[Drill & Impact Driver](#)

[Circular Saw](#)

[Sander](#)

[Jig Saw](#)

[Miter Saw](#)

[Chalk Line](#)

[Reciprocating saw](#)

(optional)

(optional)

(optional)

(optional)



## Lumber List

### Decking:

- (3) 5/4" x 6" x 10'
- (9) 5/4" x 6" x 12'

### Framing:

- (1) 2" x 4" x 10'
- (9) 2" x 4" x 12'
- (6) 2" x 6" x 8'
- (2) 4" x 4" x 8'
- (1) 4" x 4" x 10'

### Other:

- (2) 4' x 8' x 1/2" Plywood



## Roofing

The total roofing area is **50** square feet. Generally, account for a 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.



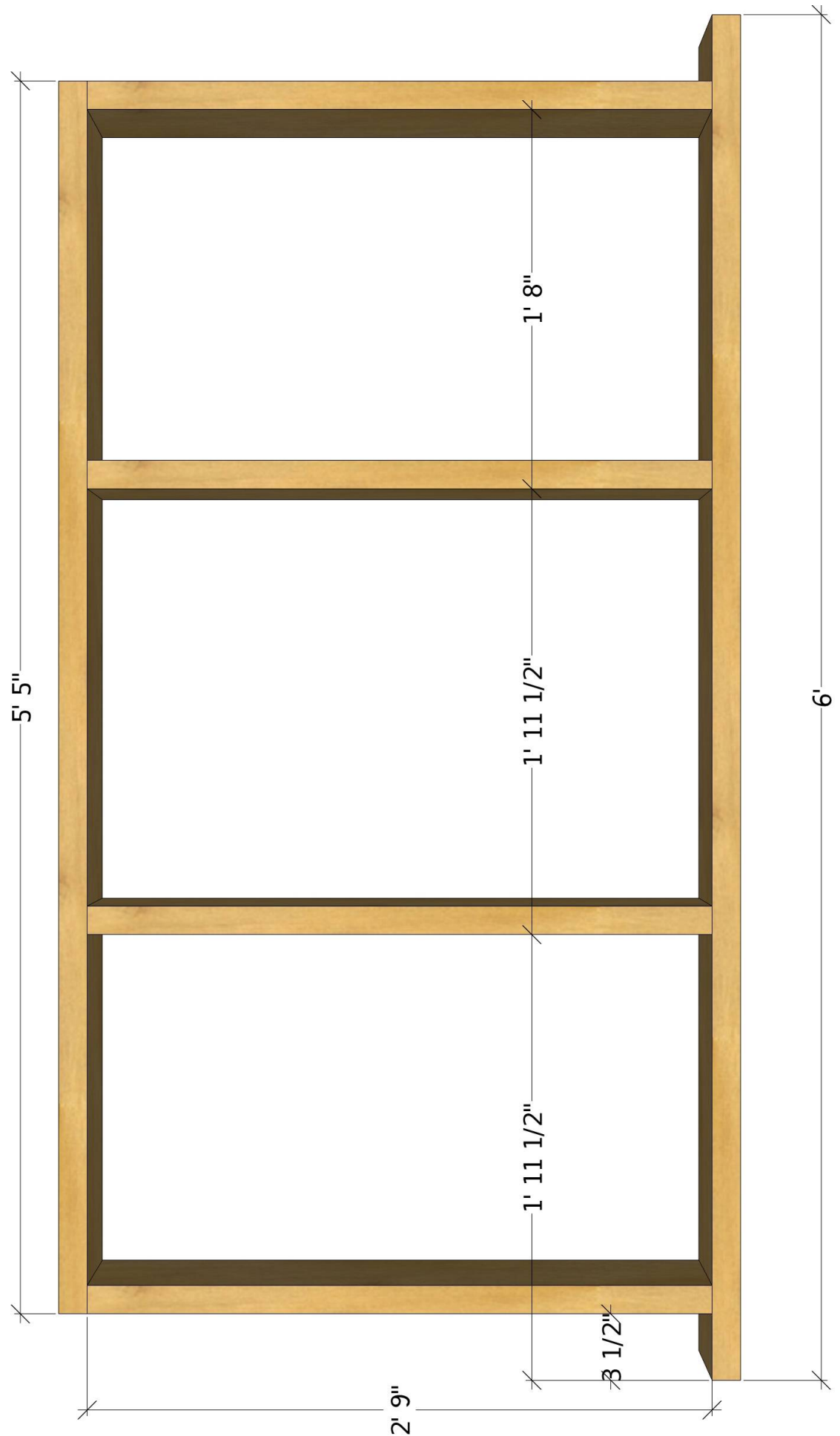
# 1

## Framing the Back Wall

From (1) 2x4x12, cut a 6' piece and a 5' 5" piece.

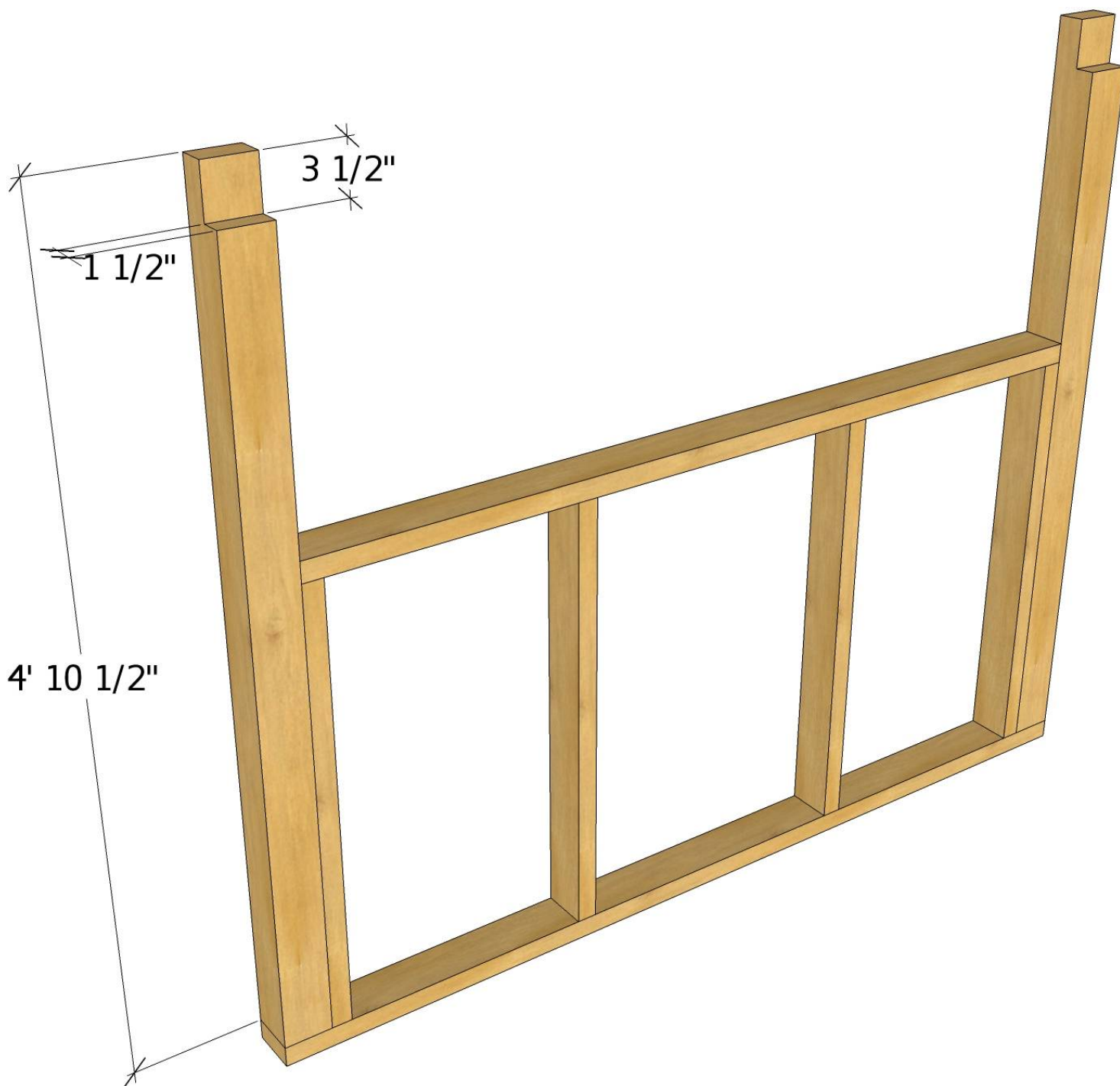
From (1) 2x4x12, cut four 2' 9" pieces.

Assemble these pieces into the unit shown in the right illustration.





From (1) 4x4x10, cut and install the two 4' 10 1/2" pieces to the previous unit as depicted in the below illustration.



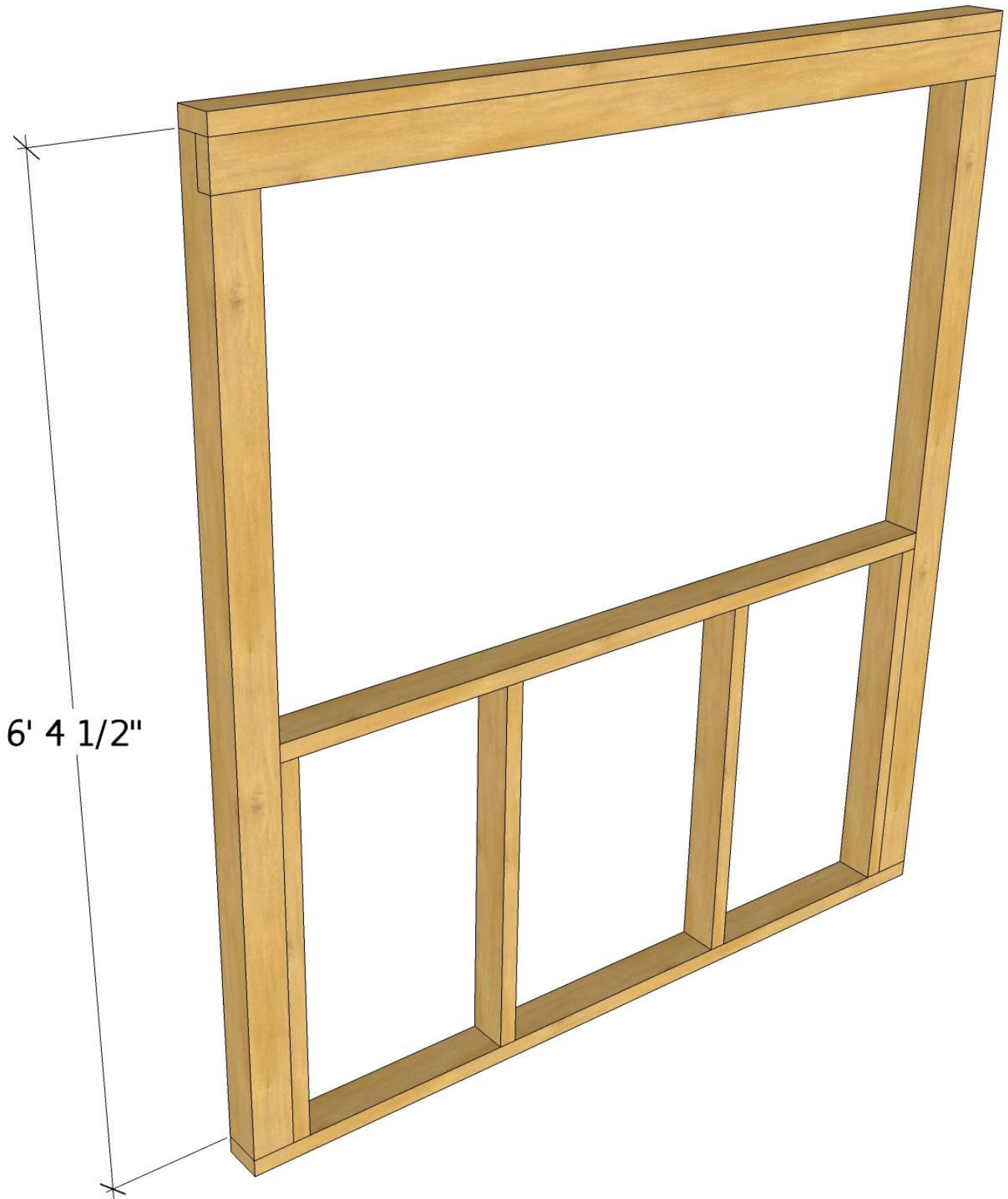
From (1) 2x4x12, cut two 6' pieces and install them to the top of the 4x4s as depicted in the below illustration.



# 2

## Framing the Front Wall

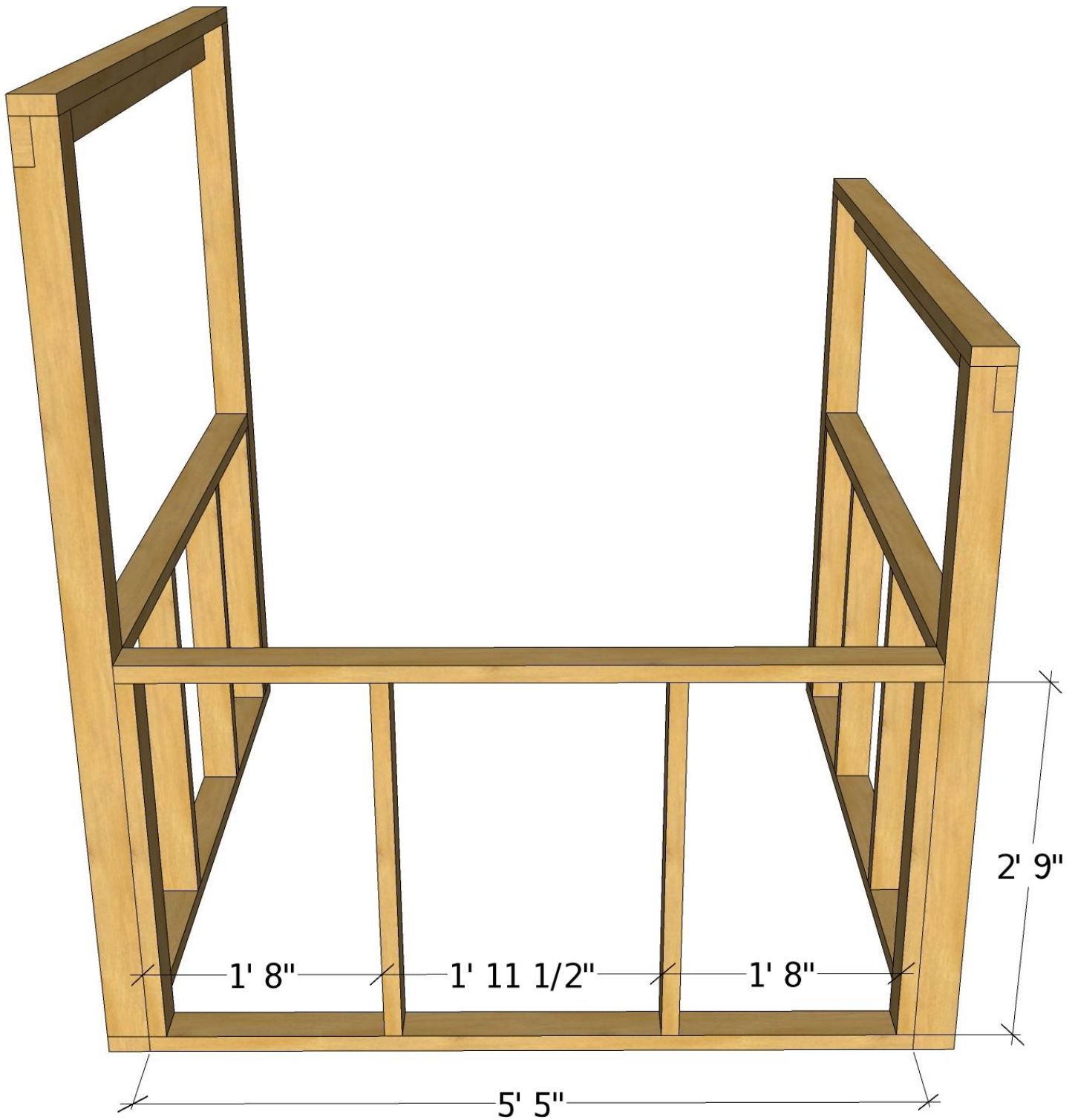
Repeat the instructions from step 1 for the front wall, except use (2) 4x4x8s for two 6' 4 1/2" pieces, instead of the two 4' 10 1/2" pieces. See the below illustration for details.



# 3

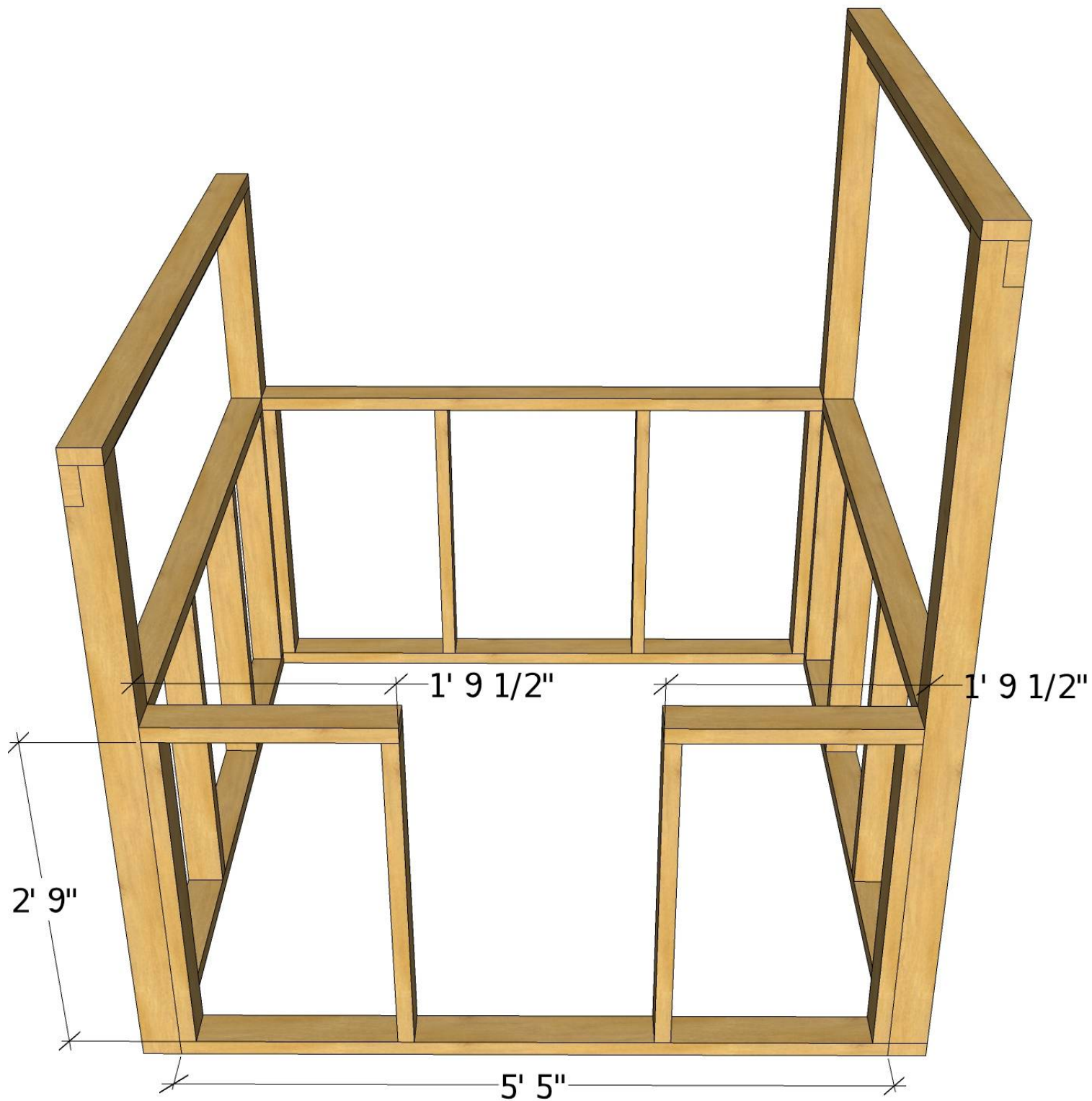
## Framing the Side Walls

From (1) 2x4x12, cut two 5' 5" pieces. From (1) 2x4x12, cut four 2' 9" pieces. Assemble these pieces into the wall shown in the below illustration.





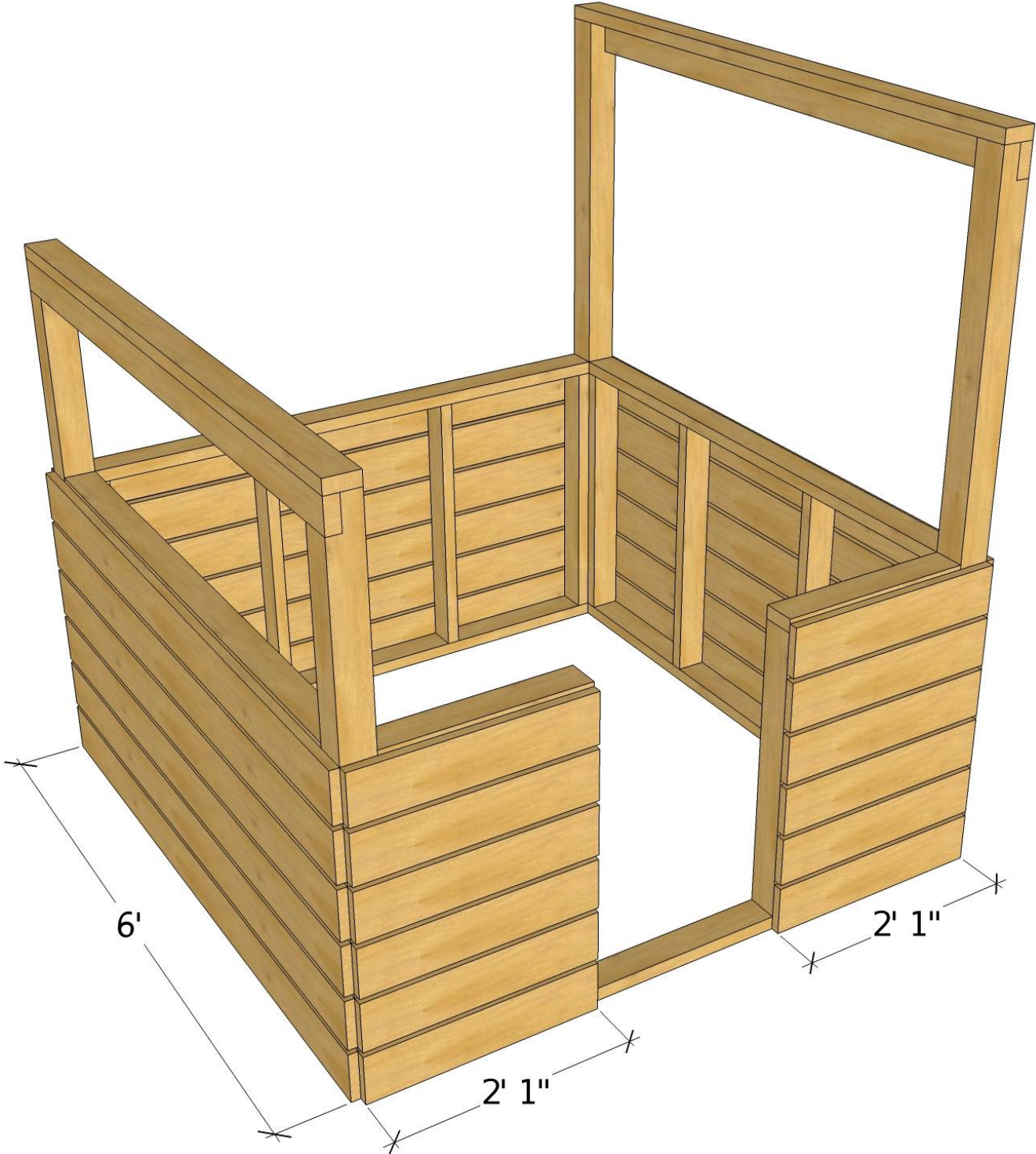
From (1) 2x4x10, cut one 5' 5" piece and two 1' 9 1/2" pieces. From (1) 2x4x12, cut four 2' 9" pieces. Assemble these pieces into the wall shown in the below illustration.



# 4

## Installing the Siding

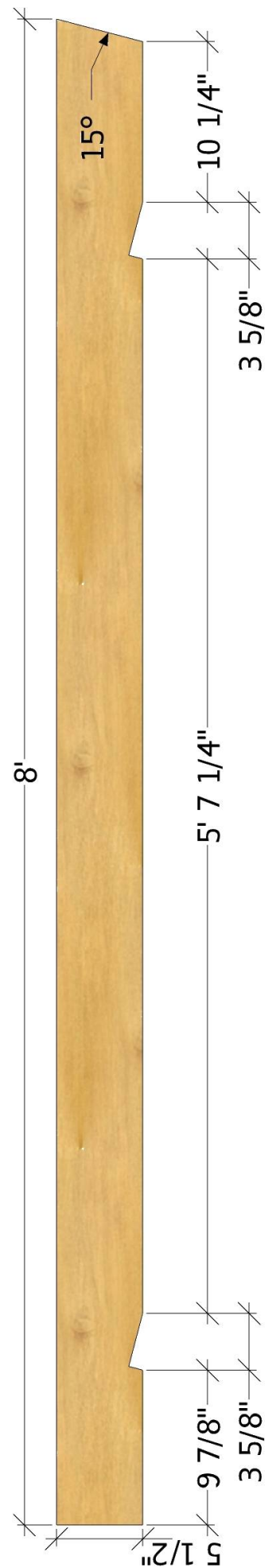
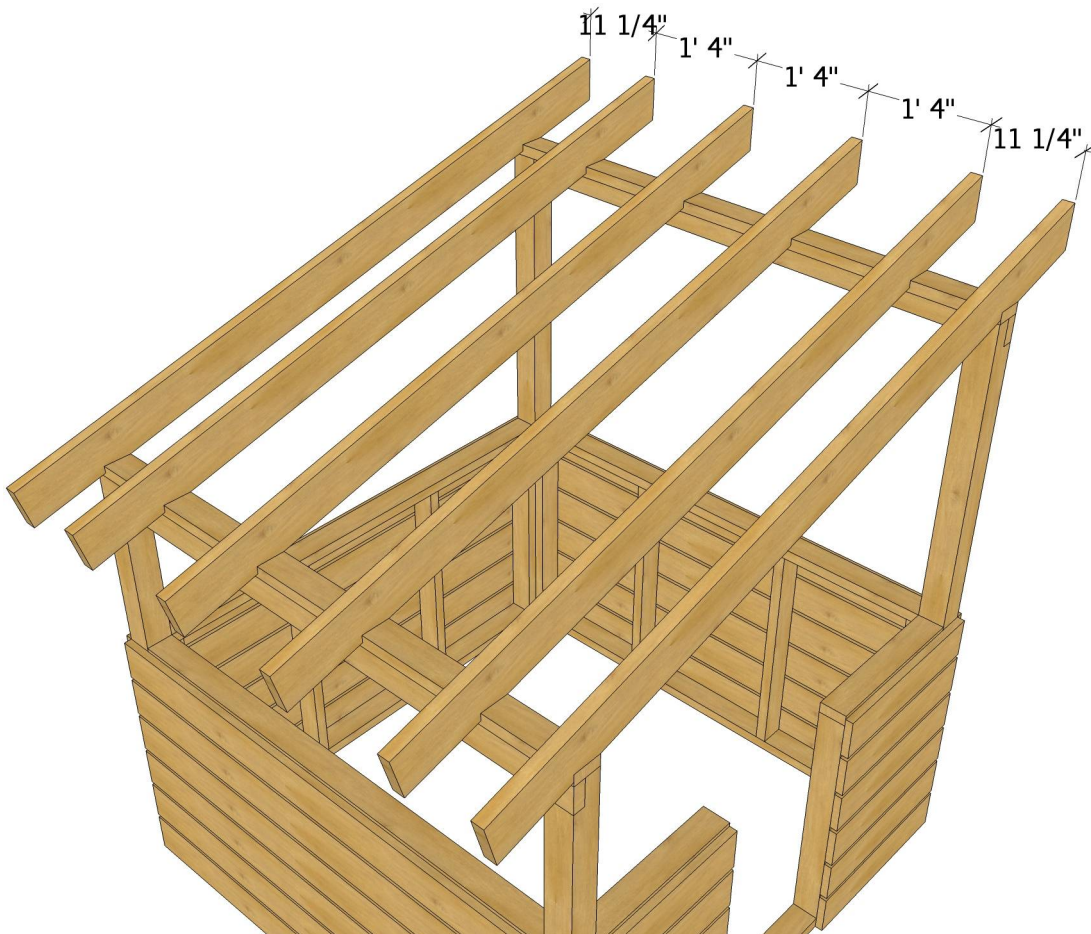
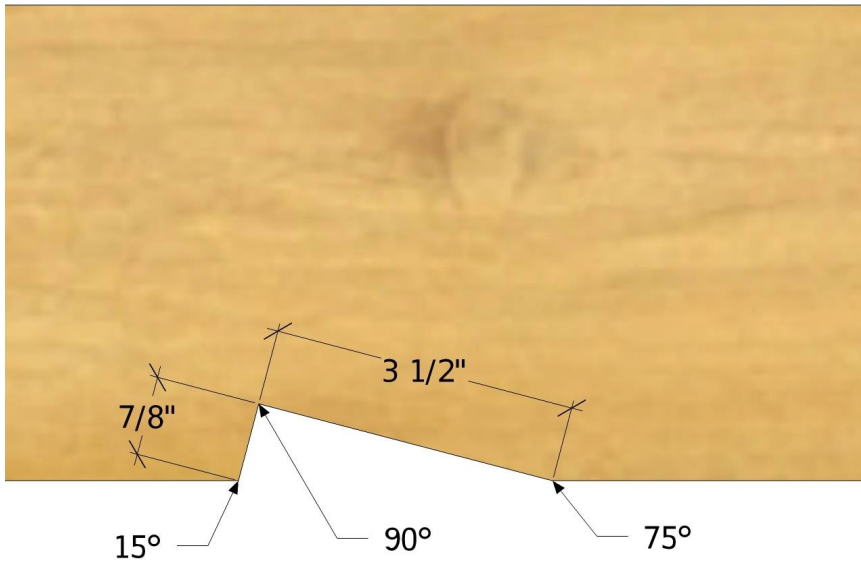
From (9) 12' decking boards, cut eighteen 6' pieces. From (3) 10' decking boards, cut twelve 2' 1" pieces. Install these pieces to the four walls of the playhouse as depicted in the below illustration. Space the boards  $\frac{1}{2}$ " apart from each other.



# 5

## Cutting & Installing the Rafters

From (6) 2x6x8s, cut six of the rafter depicted in the right illustration. The below illustration is a close up of the bird's mouth. Install these six rafters to the top of the play-set as depicted in the bottom illustration.

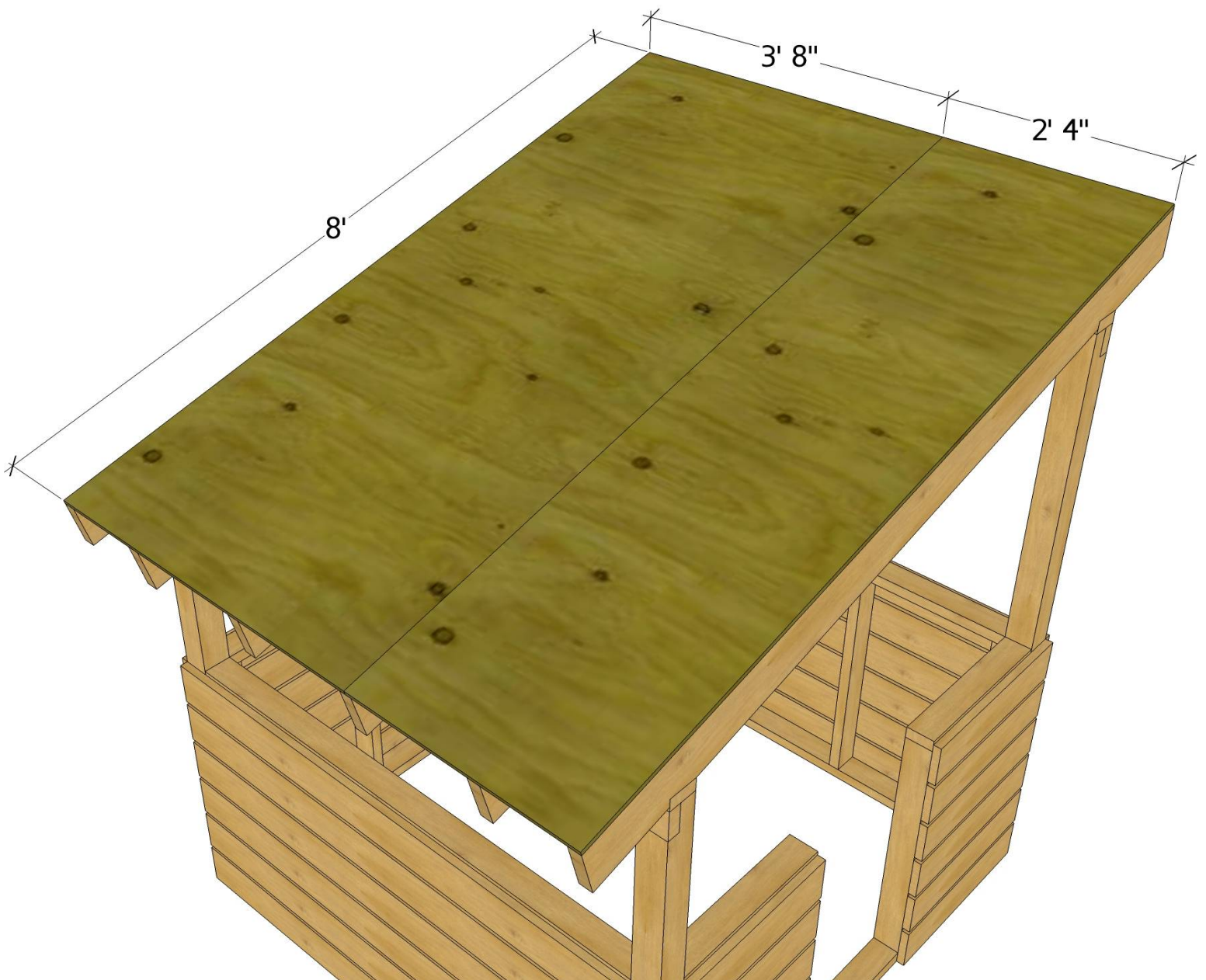




# 6

## Roof Sheeting

From (2) sheets of  $\frac{1}{2}$ " plywood, cover the top of the rafters as depicted in the below illustration.



# B

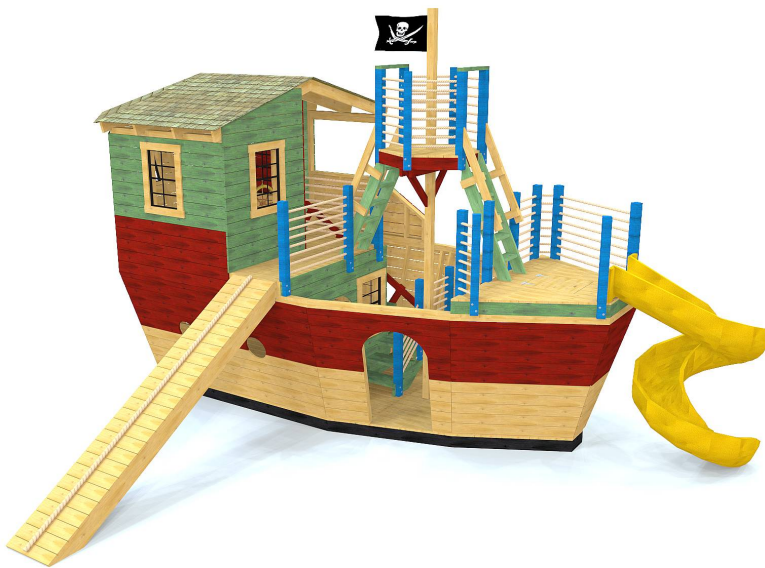
## Best Selling Plans



[Barn & Silo Playhouse Plan](#)



[Happy Camper Play-set Plan](#)



[Davy Jones' Locker Pirate ship Plan](#)



[Playground Playhouse Plan](#)





Paul's Clubhouse Plan



O'Connor Play-set Plan



King Author's Castle Play-set Plan



Randy's Ranch Playhouse Plan