



## DIY Doghouse

Thanks for downloading the DIY Doghouse Plans!

The complete project tutorial with detailed photos to go along with these plans can be found at <https://www.ryobitools.com/nation/projects/7069> - I invite you to make changes to the plans as you find necessary to best fit your needs. I've provided the measurements for the frame of the house. I'd recommend measuring and cutting your sheathing, metal roof, and trim using your own measurements, as they may differ slightly. Good luck with the project and have fun building it! Please post project photos on the Facebook page at [www.facebook.com/DIYPROJECTSWITHPETE](http://www.facebook.com/DIYPROJECTSWITHPETE) or elsewhere tagged with #DIYPETE





## Tools Needed

\*Please note - By using these links to purchase tools you are helping support DIYPete.com.

[Miter Saw](#)– I'd recommend a 12 inch sliding, miter saw.

[Drill](#)– I use Ryobi drills.

[Orbital Sander](#)– Ryobi makes a nice one.

[Kreg Jig](#) (Optional)

[Circular Saw](#) – Could be used in place of a miter saw

[Table Saw](#) - To rip the pickets and siding

Speed Square

Aviator Snips (to cut metal)

Tape Measure, Ruler, Pencil or Sharpie Marker

Eye and Ear protection, Rubber Gloves, Mask, Work gloves

[Clamps](#)– Clamps are helpful for any project.

## Supplies Needed

Qty: 3 2x4x8 pressure treated boards (for platform) \$6/board

Qty: 5 2x4x8 boards (I used cedar, redwood is another good choice) \$8/board

Qty: 2 1x6x6 fence pickets (front deck) \$2.65/board

Qty: 3 1x4x8 boards (Corner trim) \$7.75/board

Qty: 3 2x2x8 boards (framing and roof) \$6.00

Qty: 2 4x8 x 1/2 inch thick plywood (or similar thickness) \$17/board

Siding (I used Cedar) (t1-11 and other options would work) - Approx \$40

Qty: 1 Roofing Material (I used corrugated metal) 3x8 foot sheet \$24

Qty: 2 J channel (10 foot 6 inch pieces) \$11/piece

Wood finish (deck stain works great)

3" wood screws \$10

Wood Glue

2 1/2" pocket hole screws (if using to connect any of the framing)

1 1/2" screws or nails to attach siding \$7

1 inch metal roof screws: \$8

## Total Approximate Cost for supplies: \$275

\*Does not include things like glue, sandpaper, stain



Overall Dimensions: 36" tall x 63" deep x 32 1/2" wide



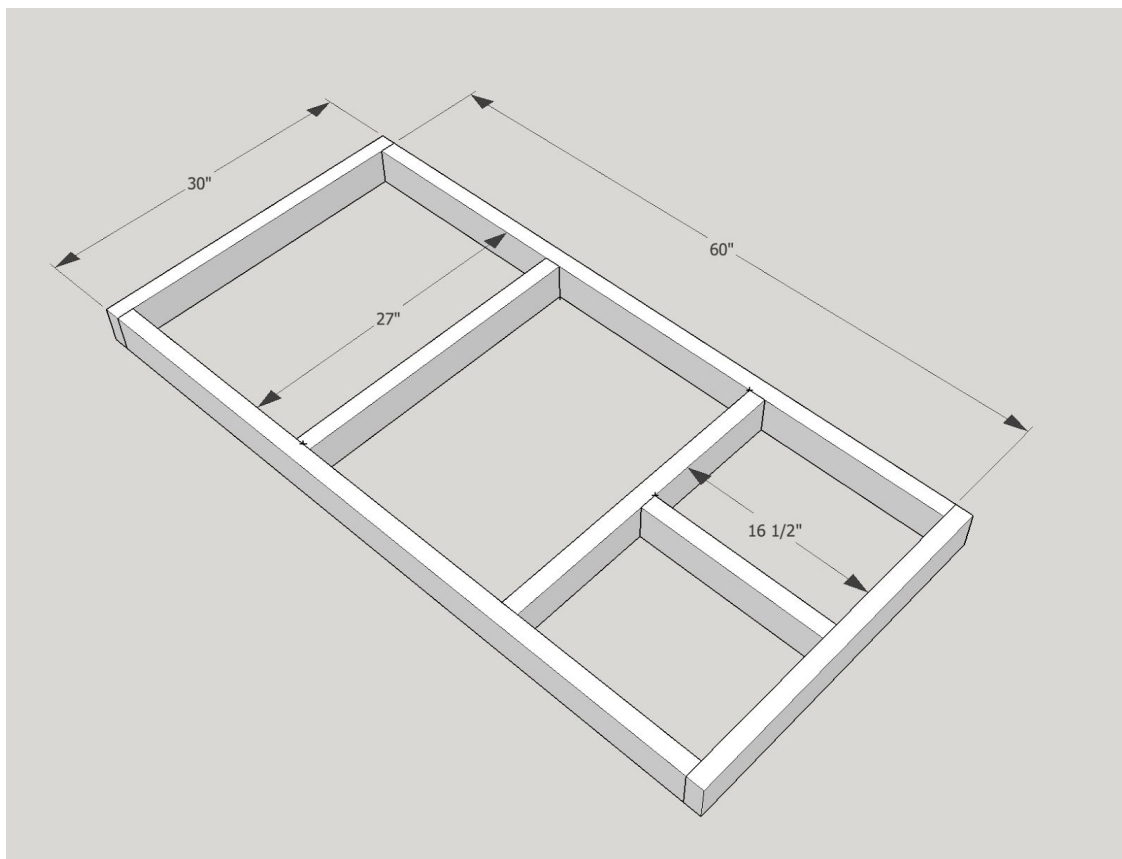


# Create the Platform

## Platform

- Qty 2 - 3 ½" wide x 1 ½ inch x 60" long (pressure treated)
- Qty 2 - 3 ½" wide x 1 ½ inch x 30" long (pressure treated)
- Qty 2 - 3 ½" wide x 1 ½ inch x 27" long (pressure treated)
- Qty 1 - 3 ½" wide x 1 ½ inch x 16 1/2" long (pressure treated)
- Qty 1 - 30" wide x 45" long x ½ inch plywood (top of platform)

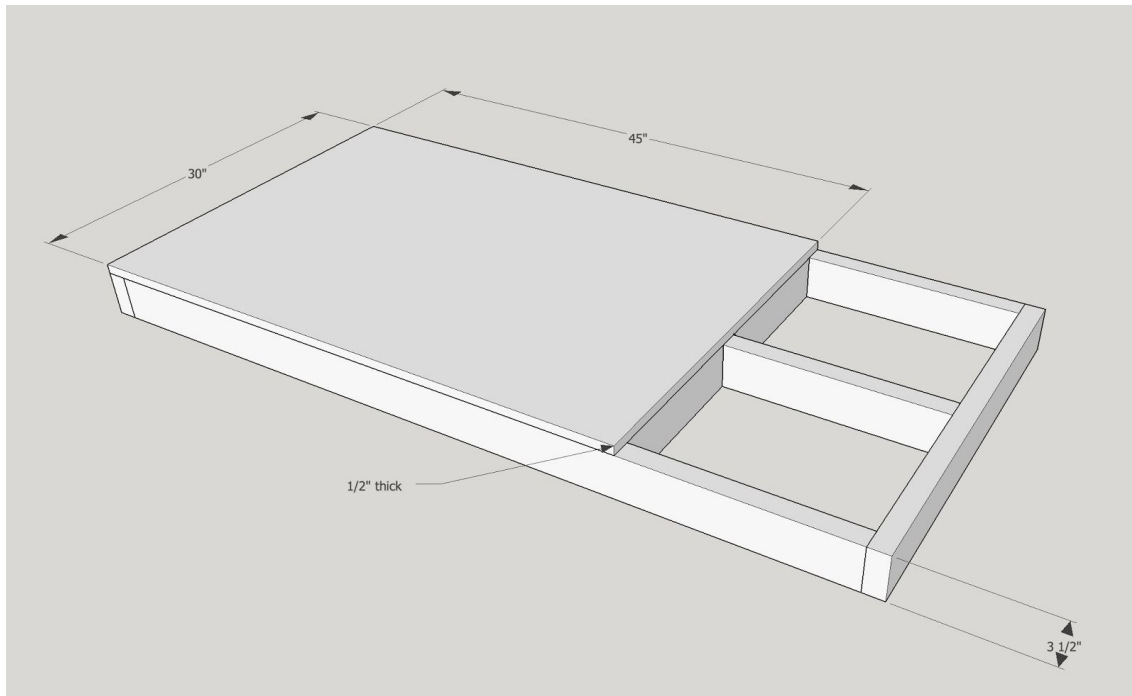
I would recommend using pressure treated wood for the base of the platform which will rest against the ground.







Cut the plywood for the top of the platform.

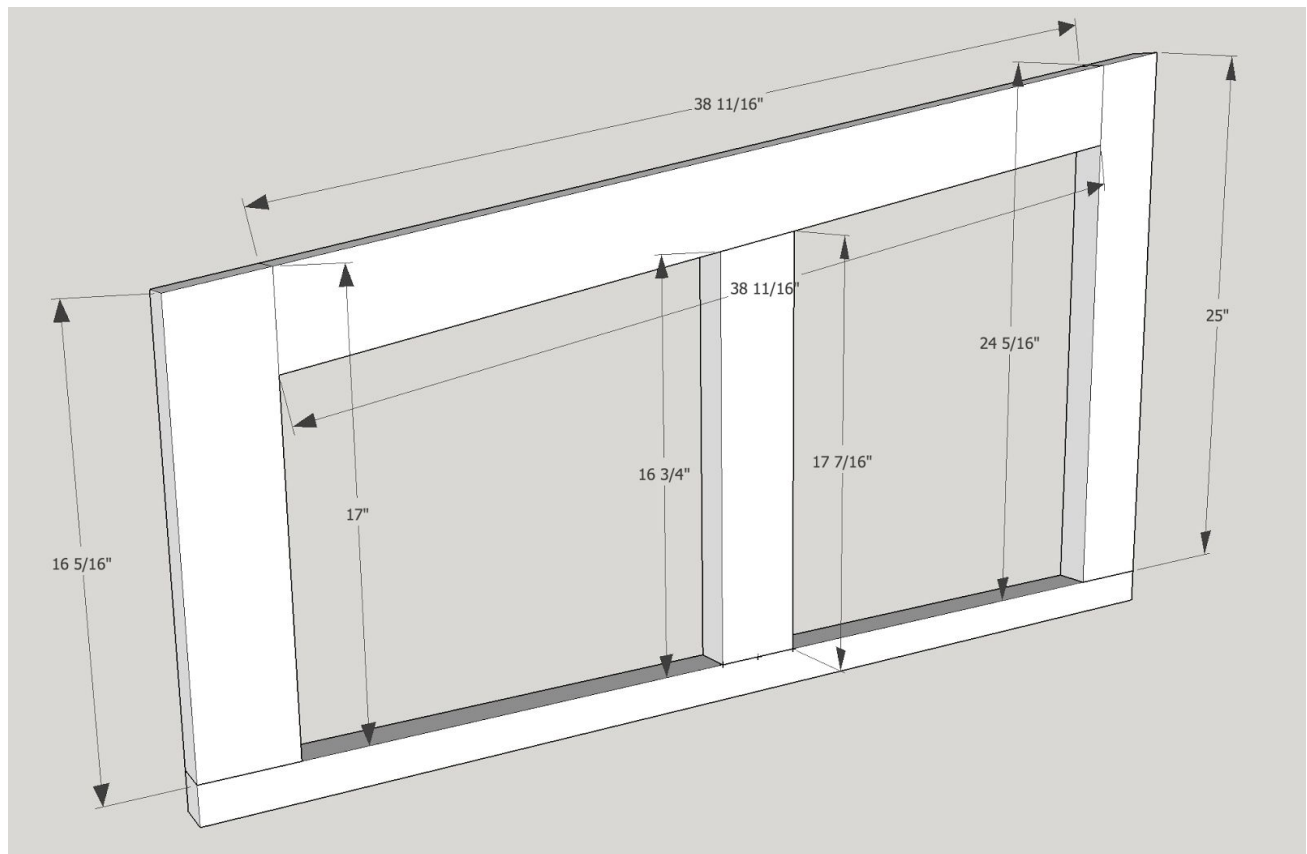




Create the sidewalls. The bottom is constructed of a 1 ½" by 1 ½" board. Connect the bottom board to vertical boards from the underside using 2 ½ inch wood screws. The other boards can be connected using longer screws or pocket holes and screws. The boards should be cut at about an 11 degree angle. I'd recommend test fitting the pieces while cut a bit long, and then shortening as needed to make sure you get the perfect fit.

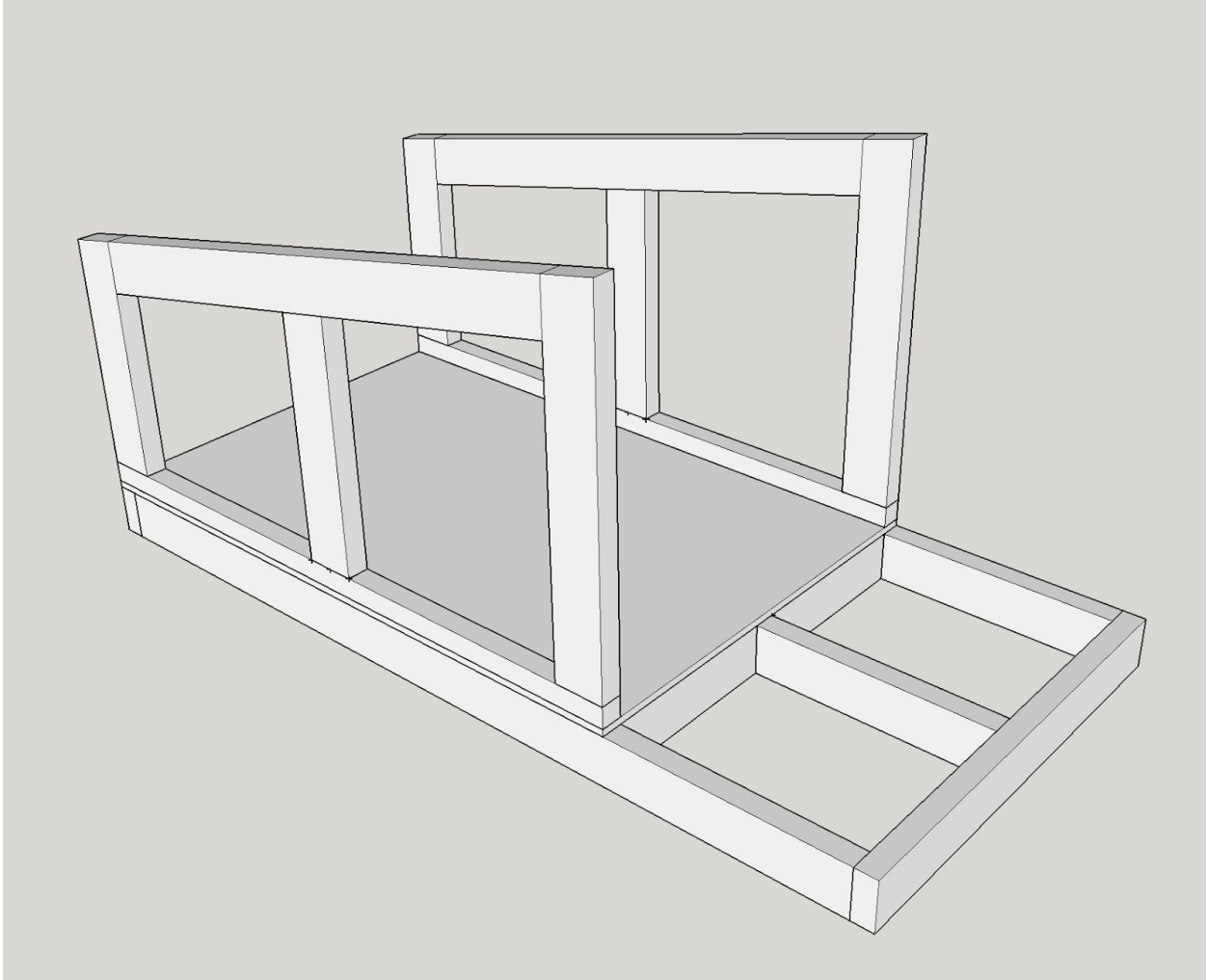
Cuts:

- Qty 2: 1 ½" by 1 ½" by 45" (bottom horizontal board)
- Qty 2: 3 ½" by 1 ½" by 25" (front board) 11 degree angle on one side
- Qty 2: 3 ½" by 1 ½" by 17 7/16" (middle board) 11 degree angle on one side
- Qty 2: 3 ½" x 1 ½" by 17" (back) 11 degree angle on one side
- Qty 2: 3 ½" x 1 ½" by 38 11/16" 11 degree angle both sides





Attach the sidewalls to the platform from the top side using 3 inch screws.



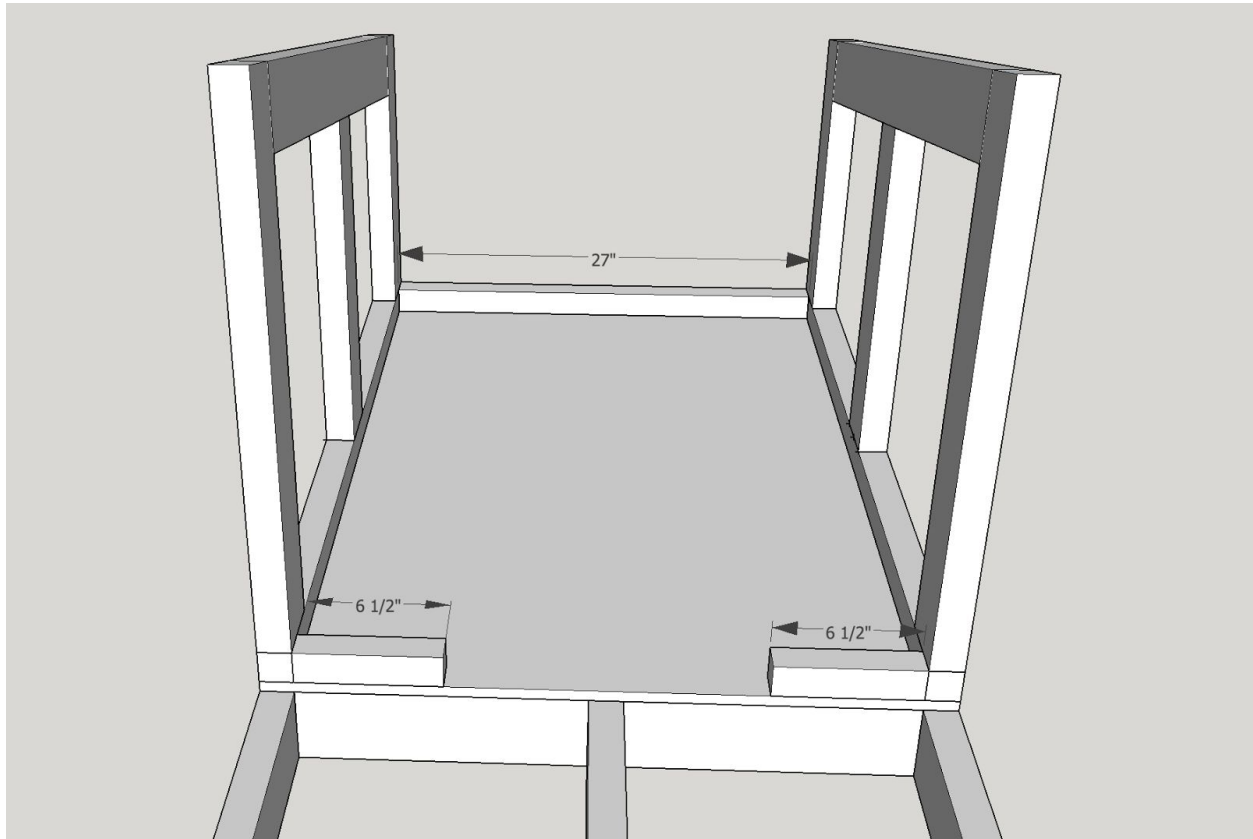


Add a board to the rear side of the platform and 2 shorter boards to the front side.

Cuts:

Qty 1: 1 ½" by 1 ½" by 27" long

Qty 2: 1 ½" by 1 ½" by 6 ½" long





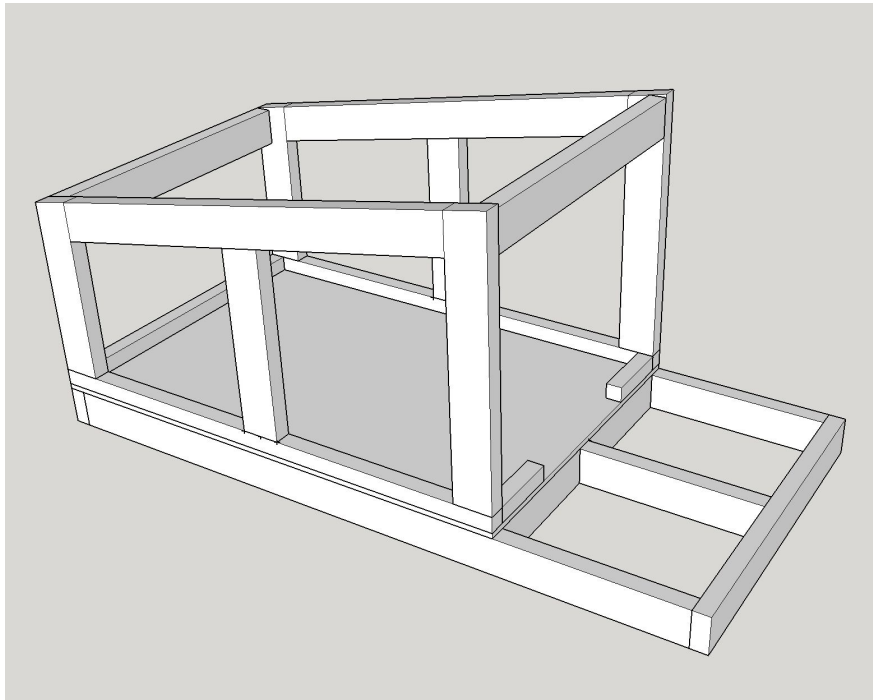


Connect the sidewalls to each other. These are 27" long. See the diagrams below for placement. Connect from the outside using 3 inch wood screws.

Cuts:

Qty 1: 3 ½" by 1 ½" by 27" (front of doghouse)

Qty 1: 3 ½" by 1 ½" by 27" (back of doghouse)





Up close diagram (front of doghouse)

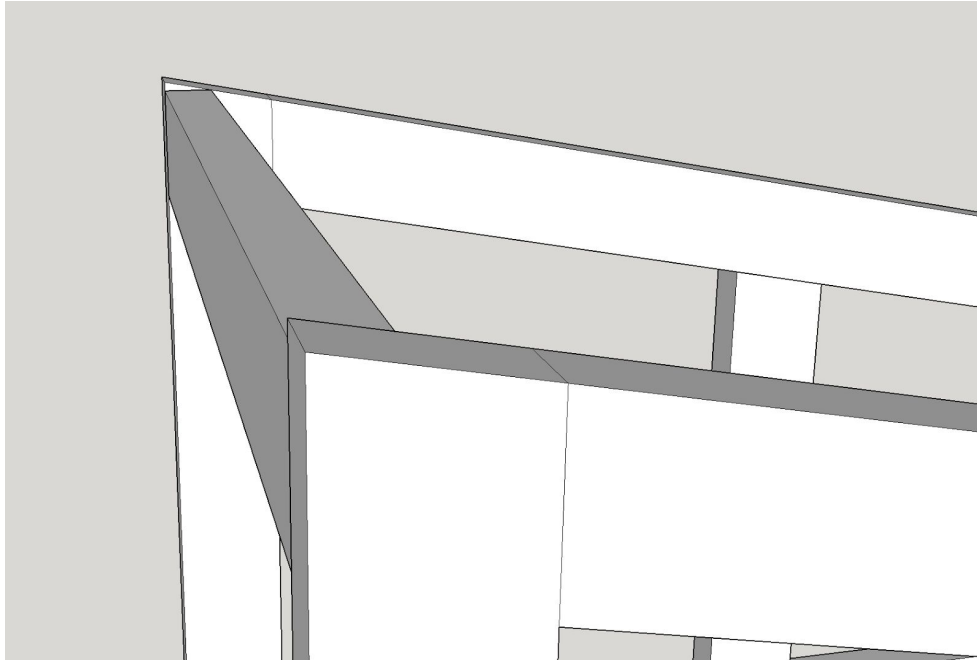
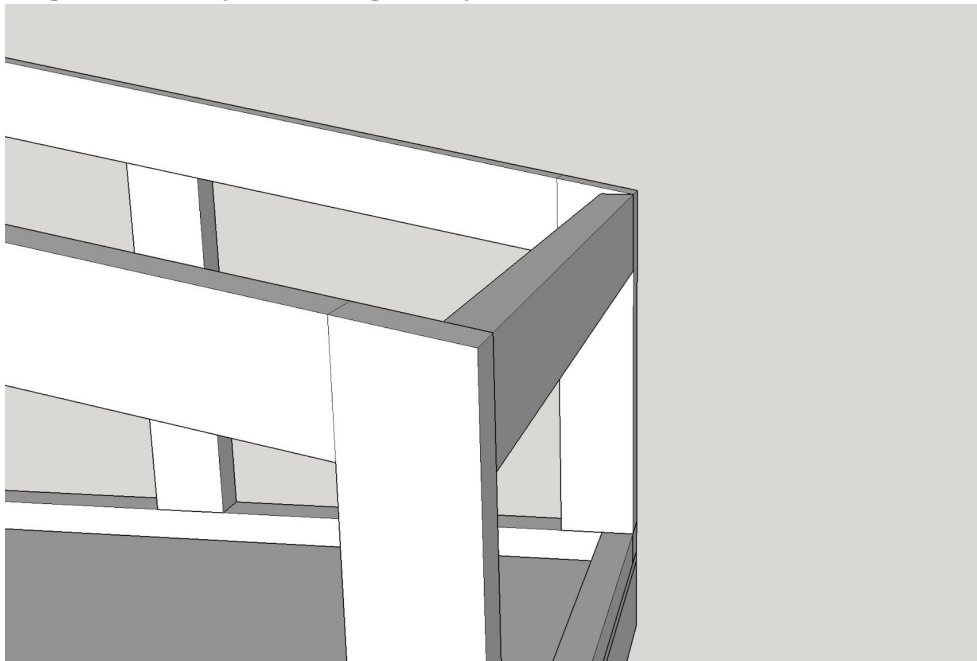


Diagram below (back of doghouse)



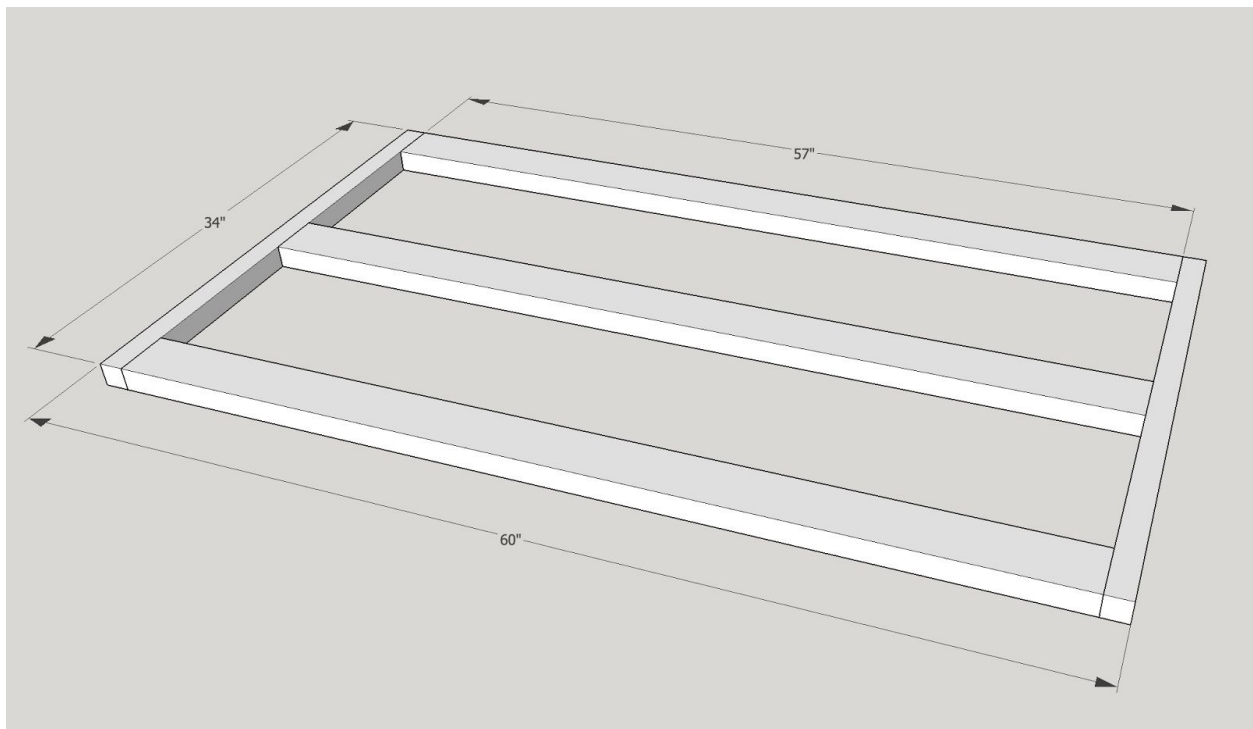


Construct the roof.

Cuts:

Qty 3: 3 ½" by 1 ½" by 57" long

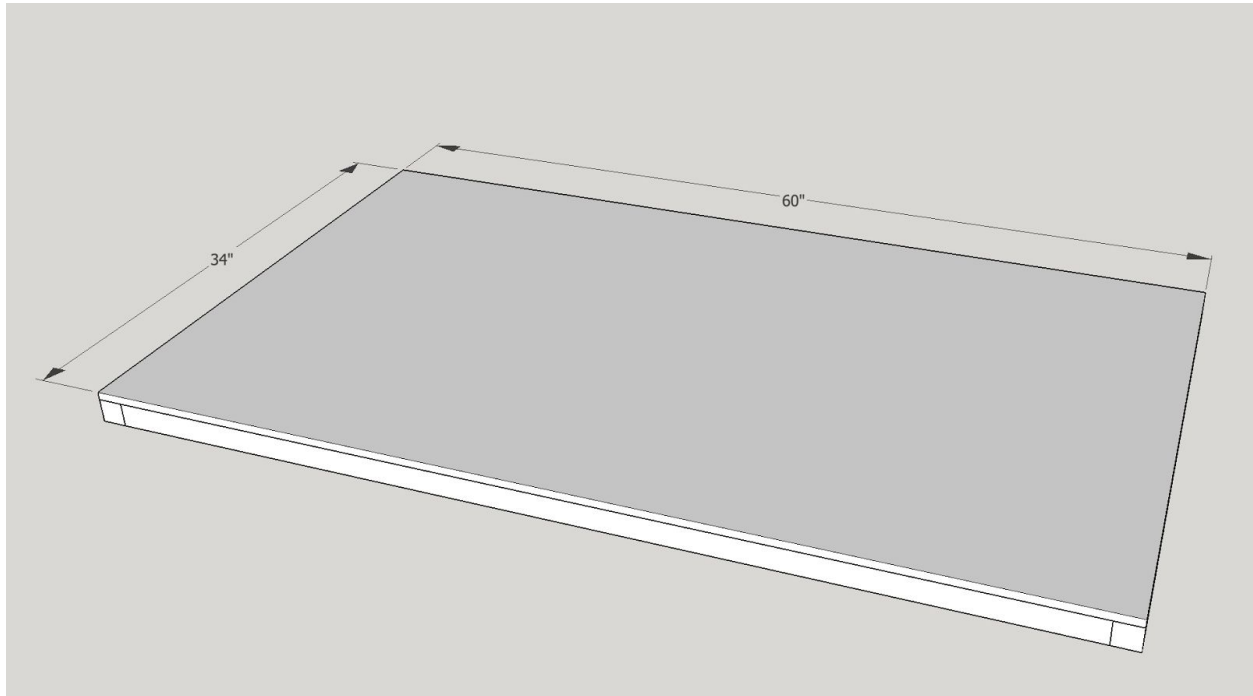
Qty 2: 1 ½" by 1 ½" by 34" long



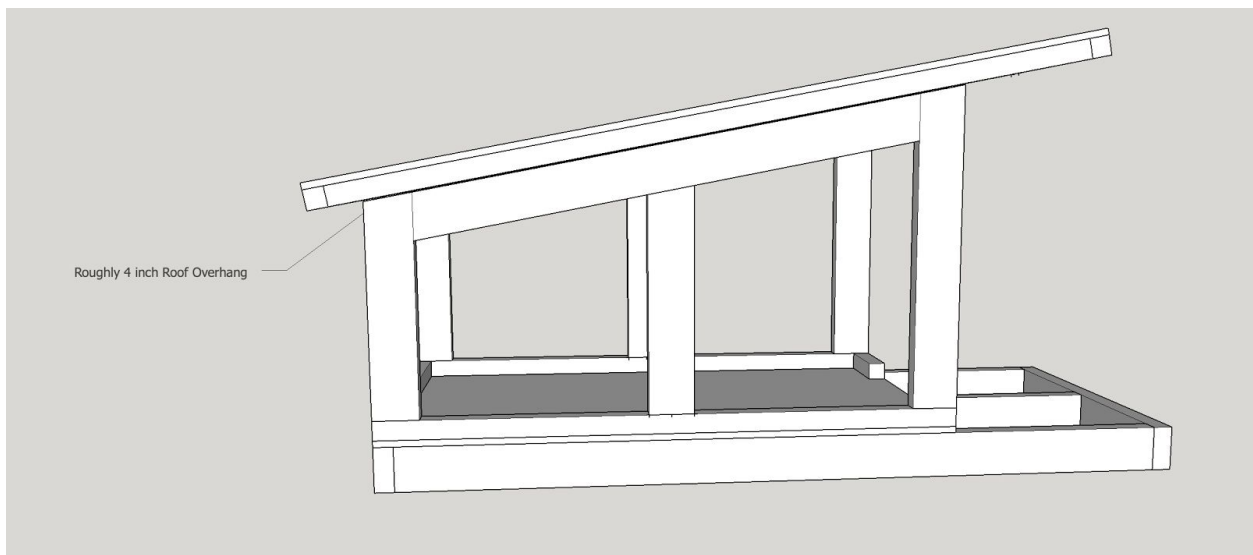


Cut the top of the roof using a circular saw.

Qty 1: 60" by 34" by ½" thick

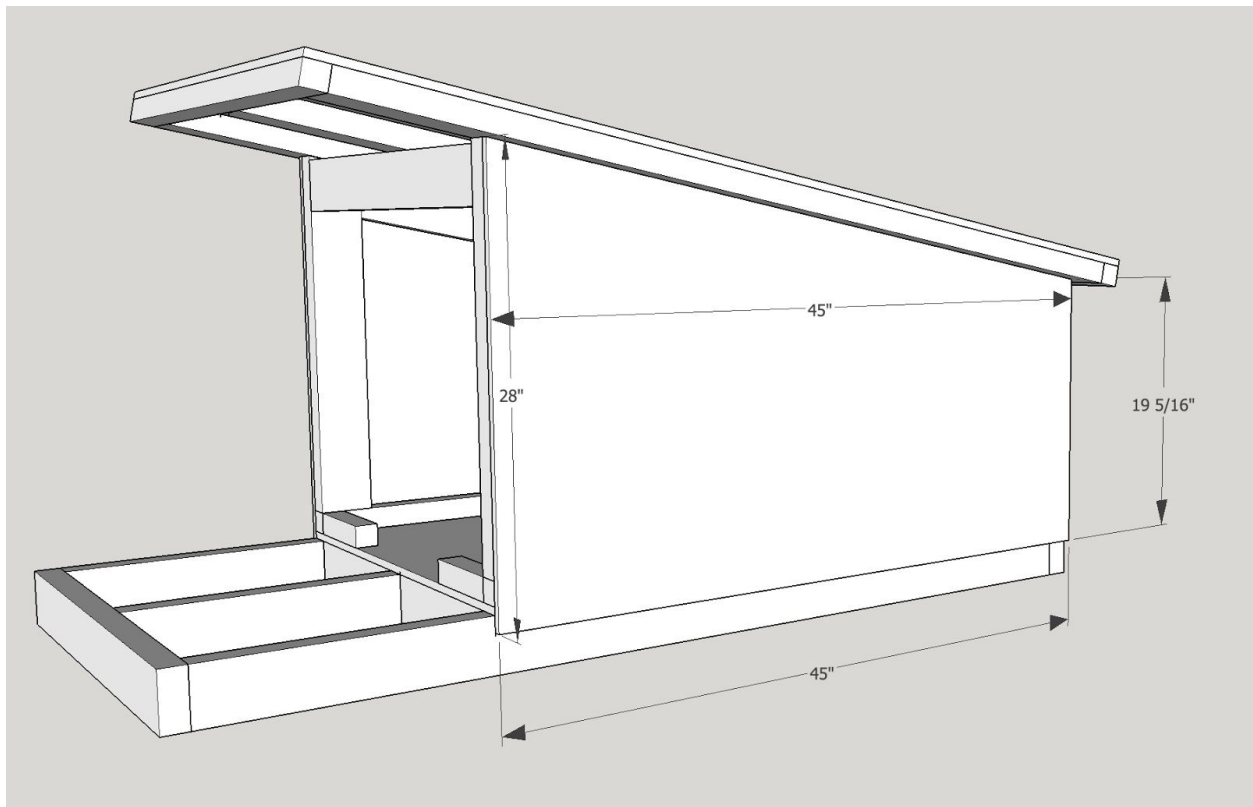


Attach the roof from the top using wood screws. The backside will overhang approximately 4 inches.





Add the sheathing (plywood sidewalls). I'd recommend measuring your frame to get a perfect fit instead of using my exact measurements for the sheathing. Use a circular saw. Attach to the studs using 1 ½" screws.







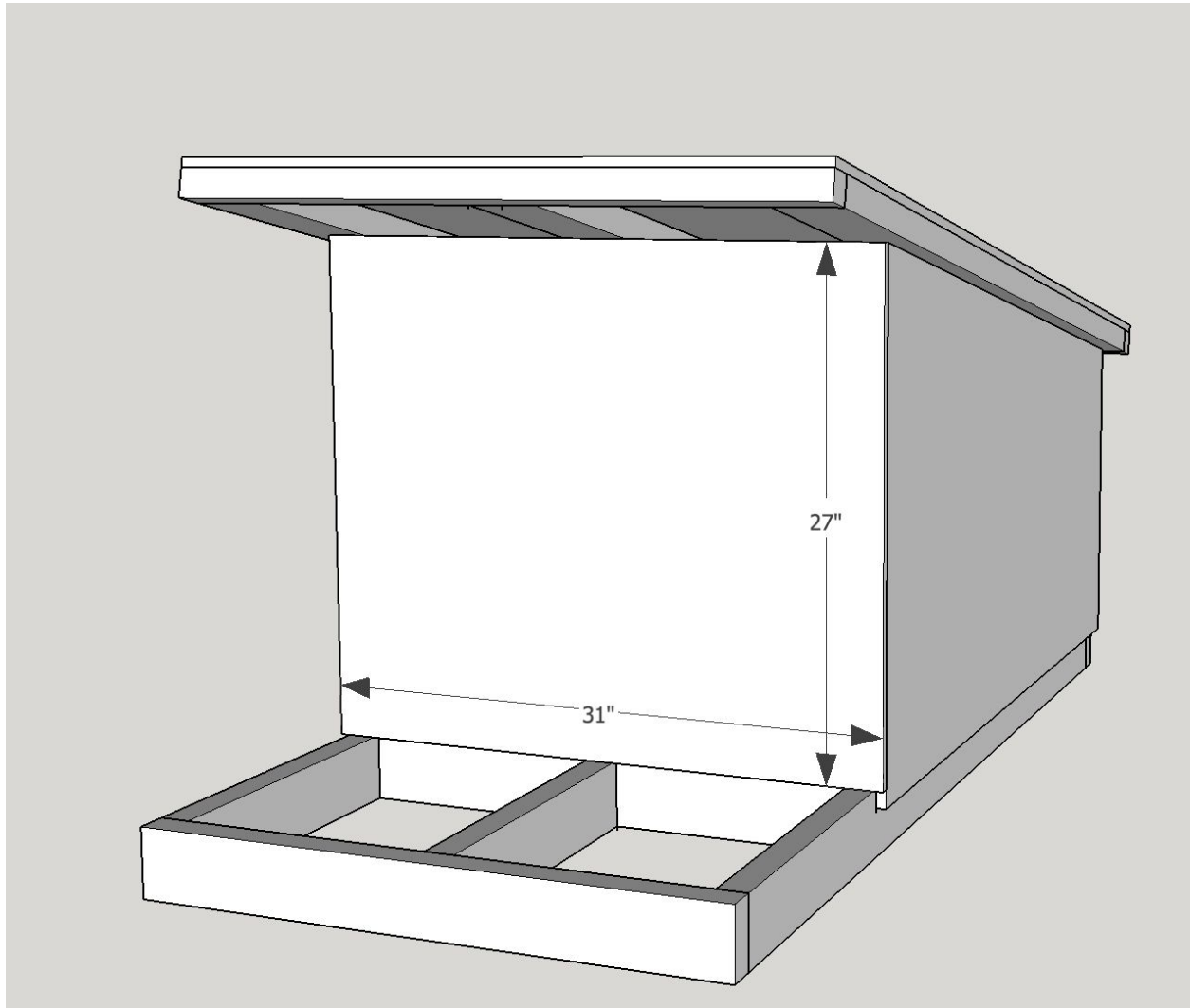
Projects  
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AS SEEN ON  
NBC NEWS  
**bob vila**  
the show of  
**MANLINES**  
**Make:**  
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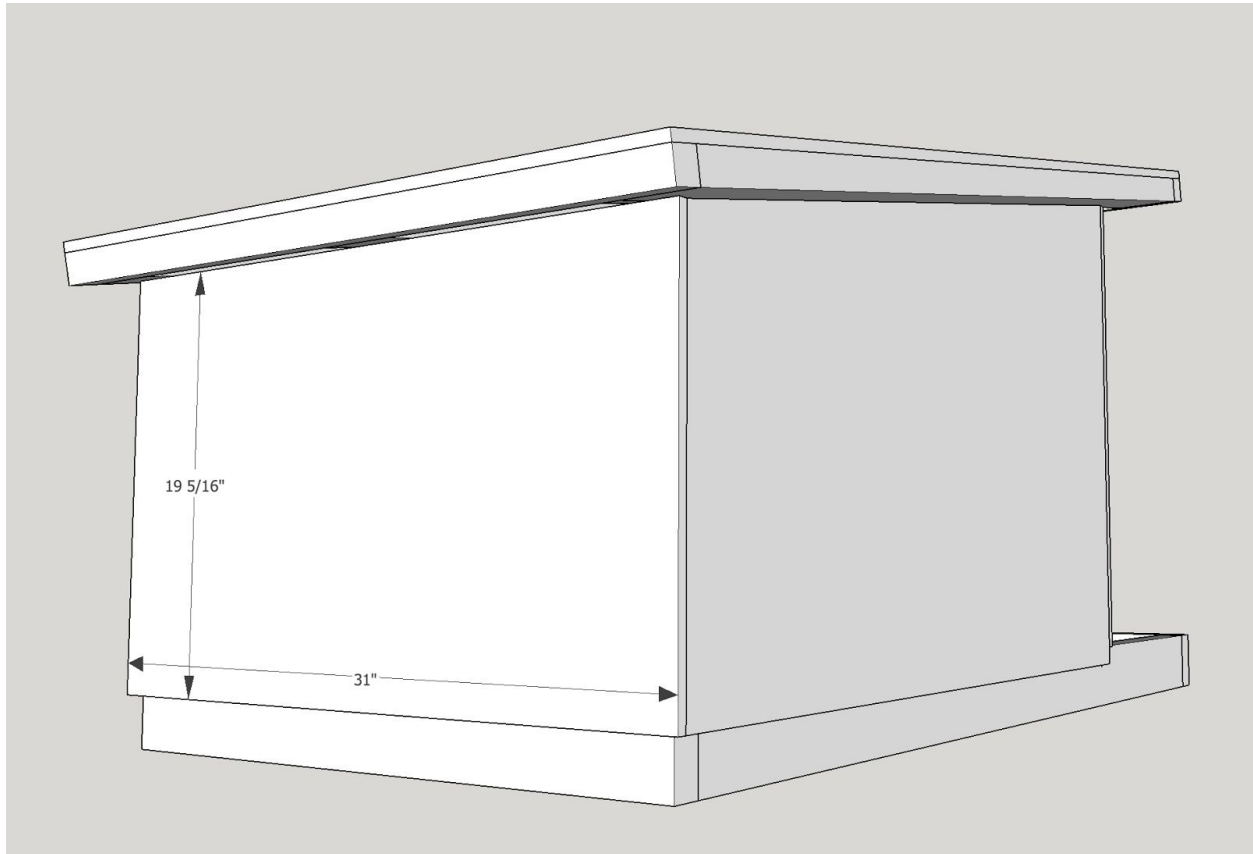
Plans, Tips, and Inspiration!

Add sheathing to the front.



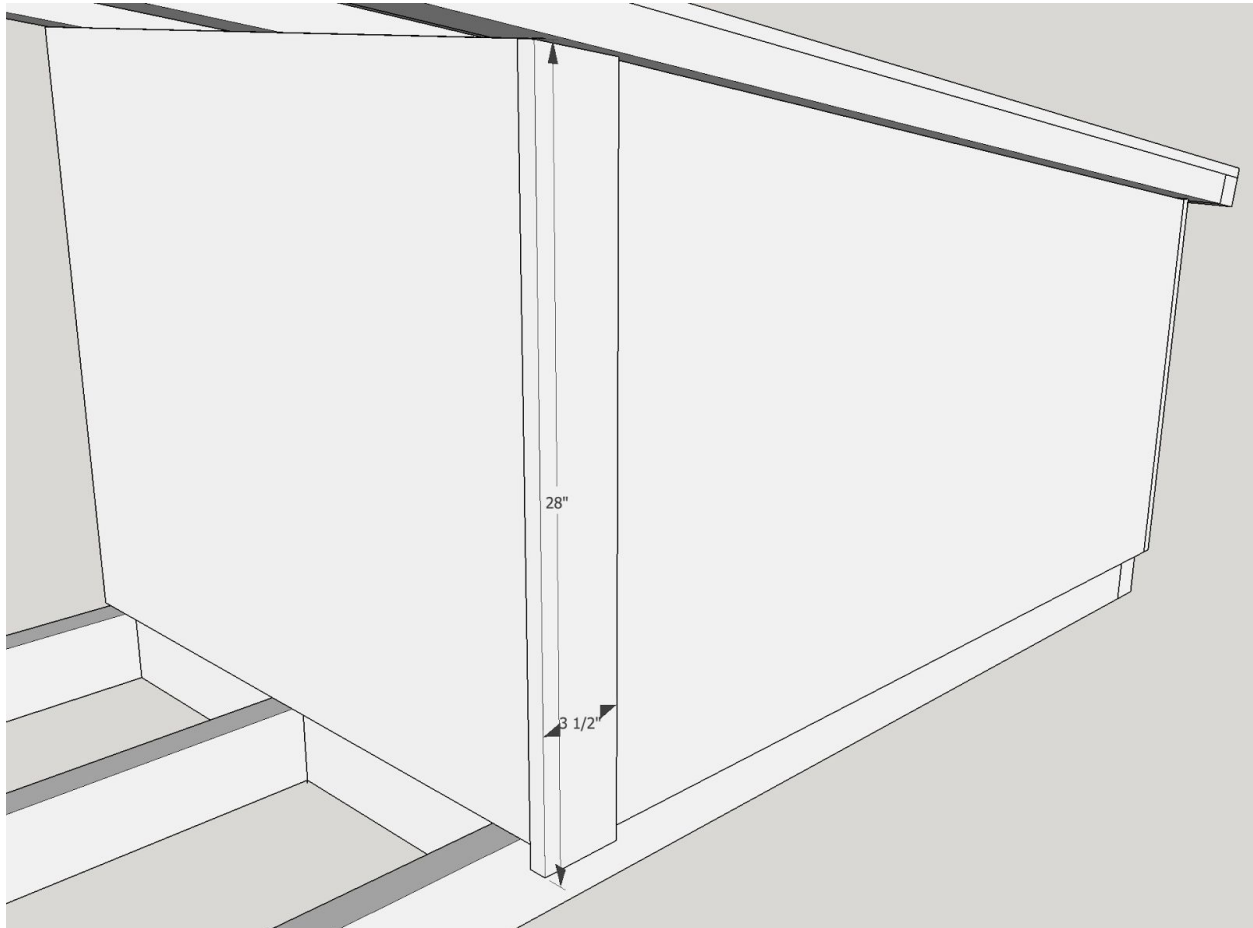


Add sheathing to the backside of the doghouse.



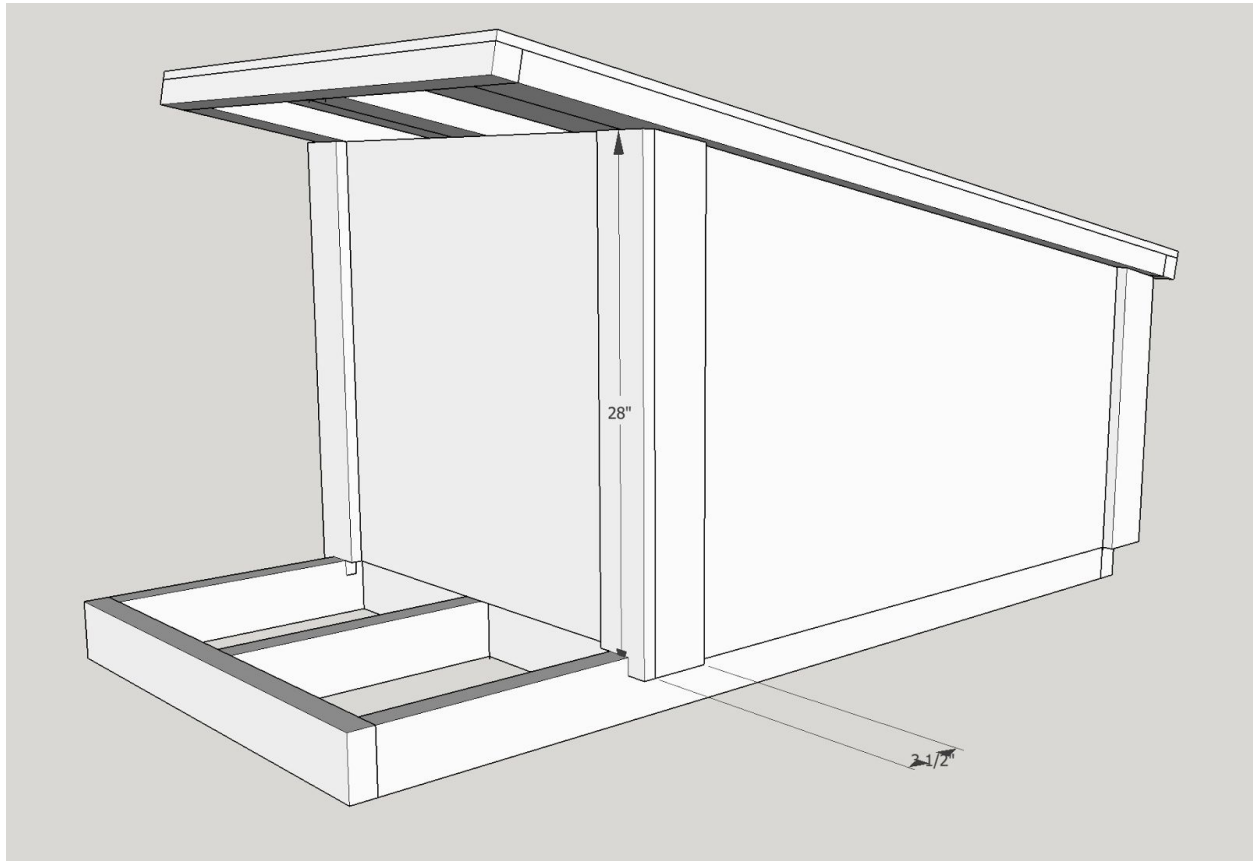


Cut 1x4 boards to size for each corner trim piece. Cut an angle on the top side of side boards and then attach.



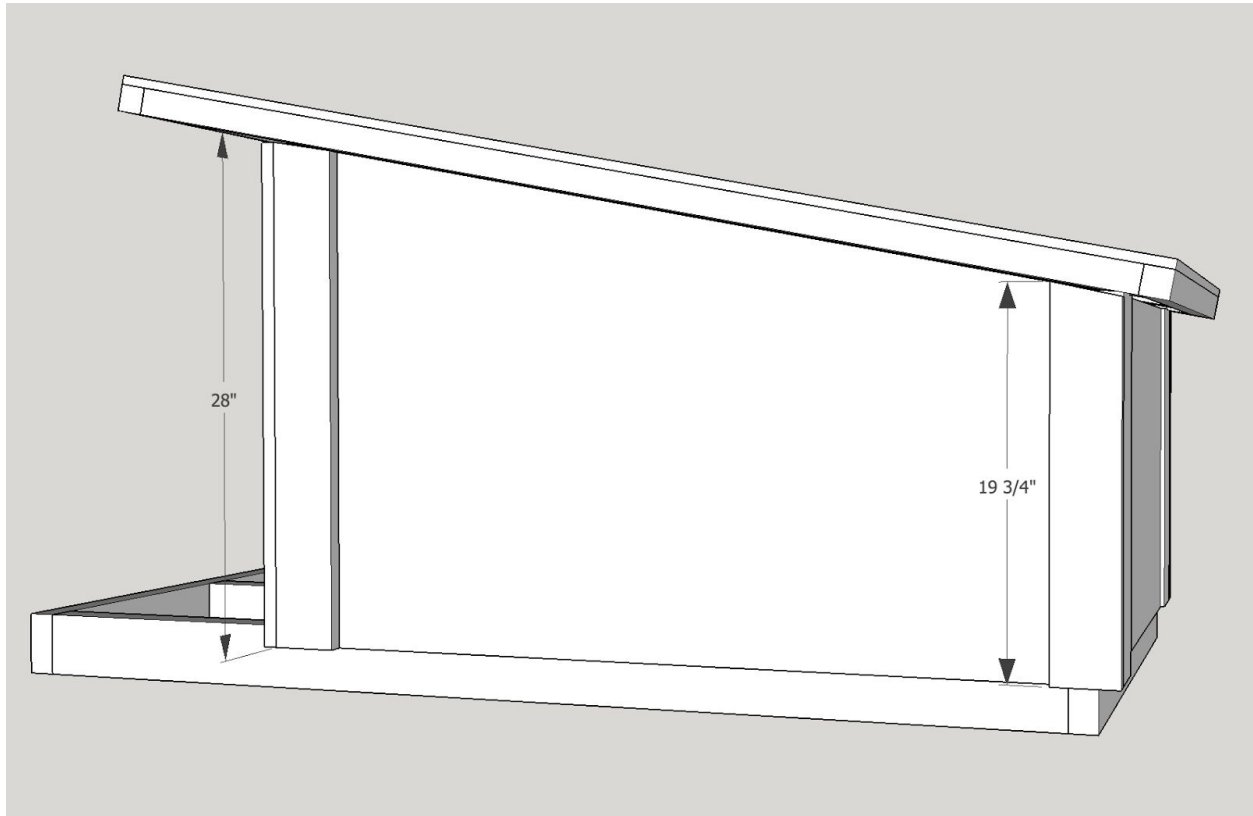


The front trim will be notched on the bottom side to accommodate for the deck. Use a jigsaw to make the notch.





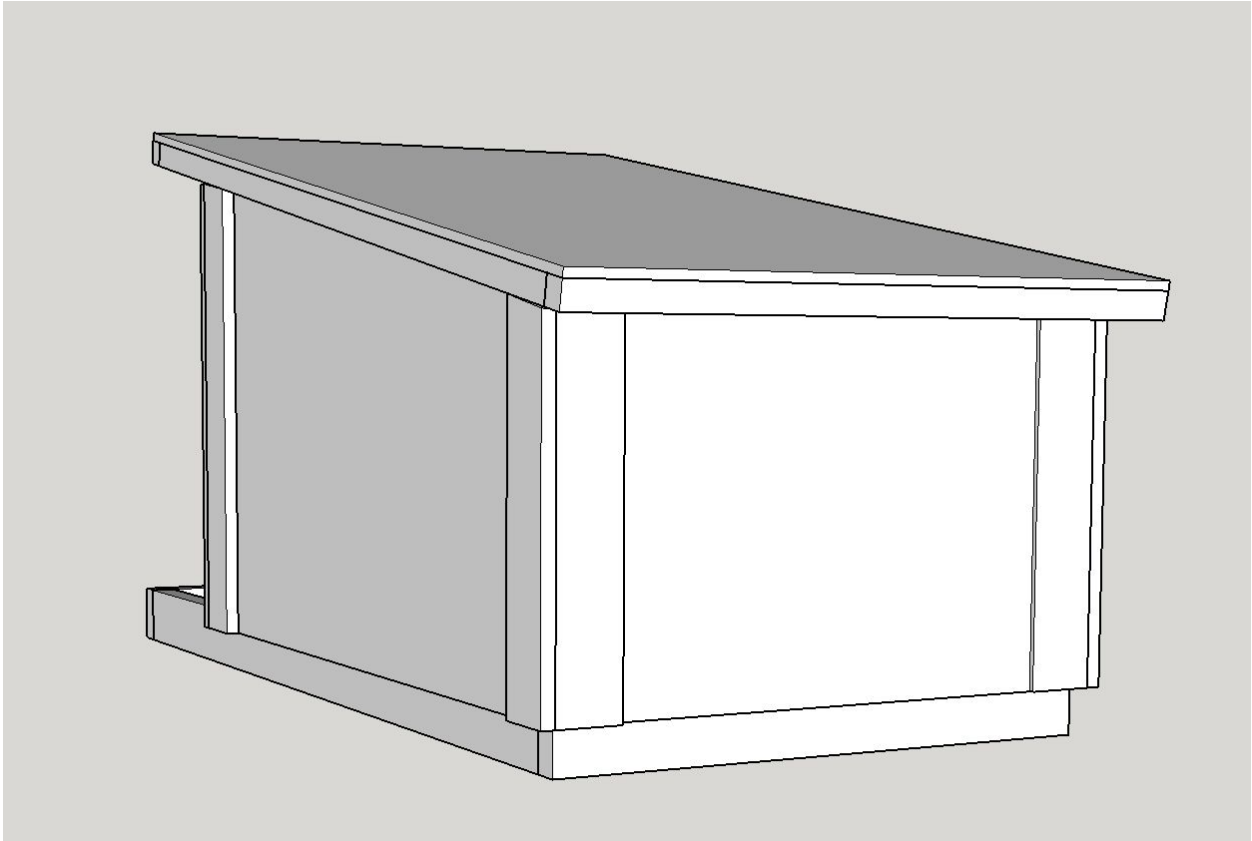
Approximate size for trim boards.





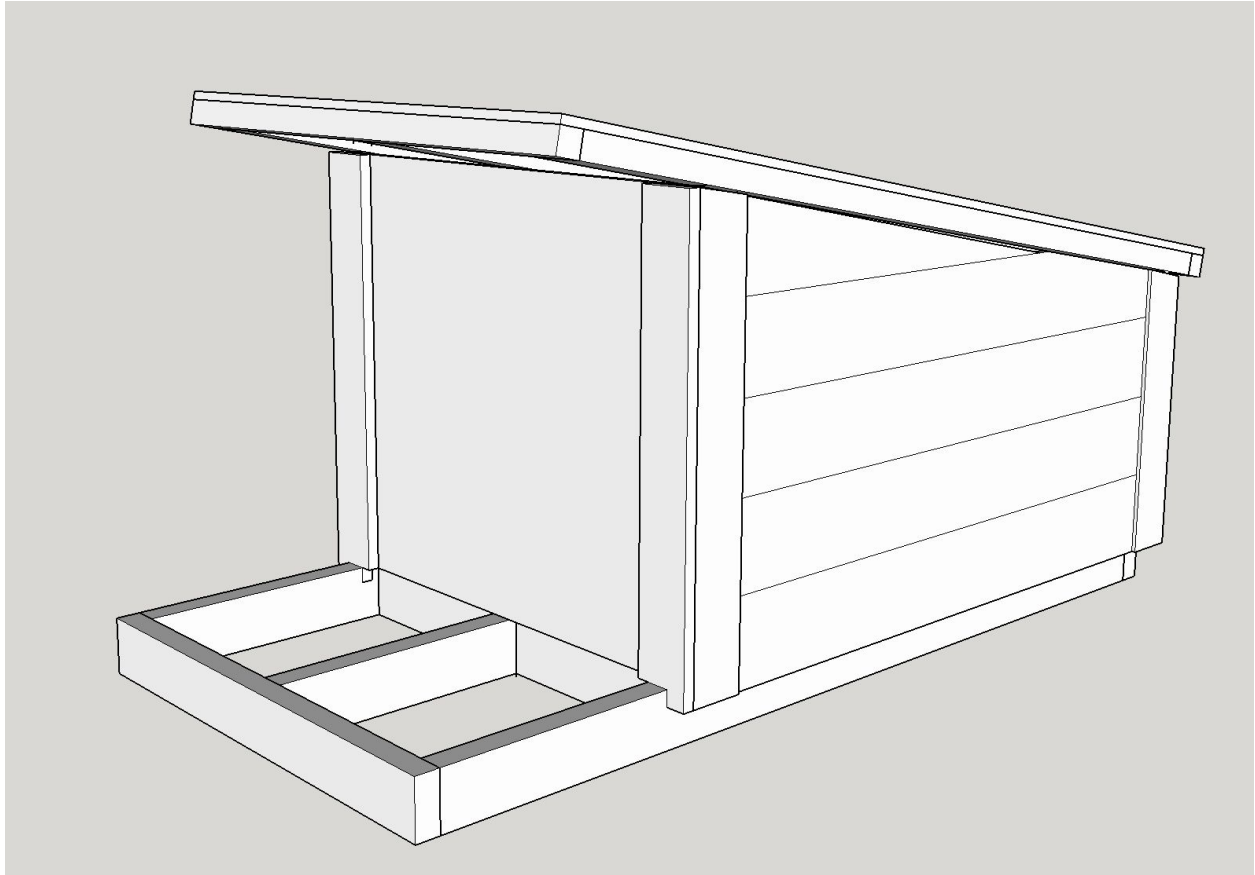


A look at the trim on all four sides.



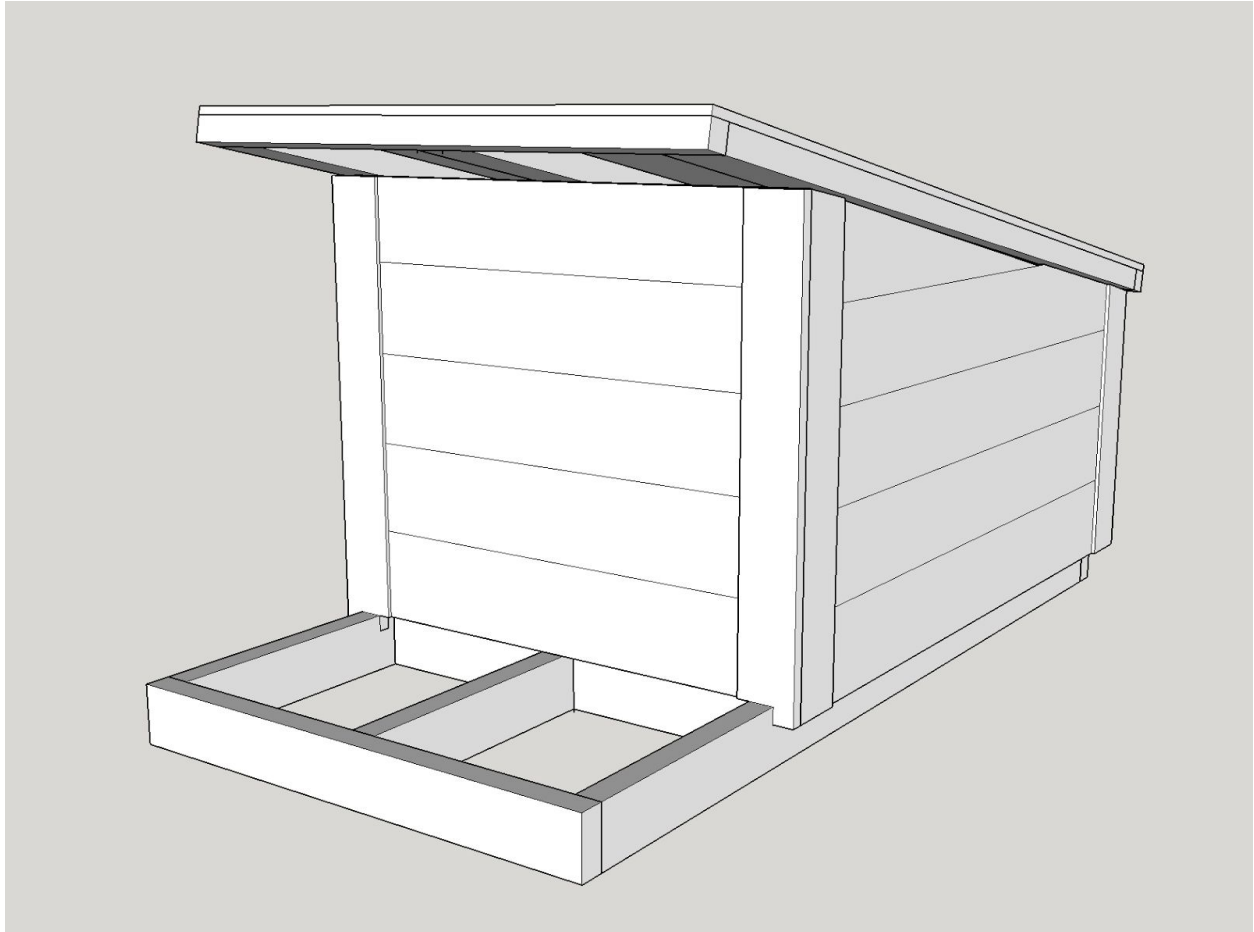


Now it is time to choose your siding. I used cedar siding. Start at the bottom and work your way up. Cut angles as needed to match the angle of the roof.



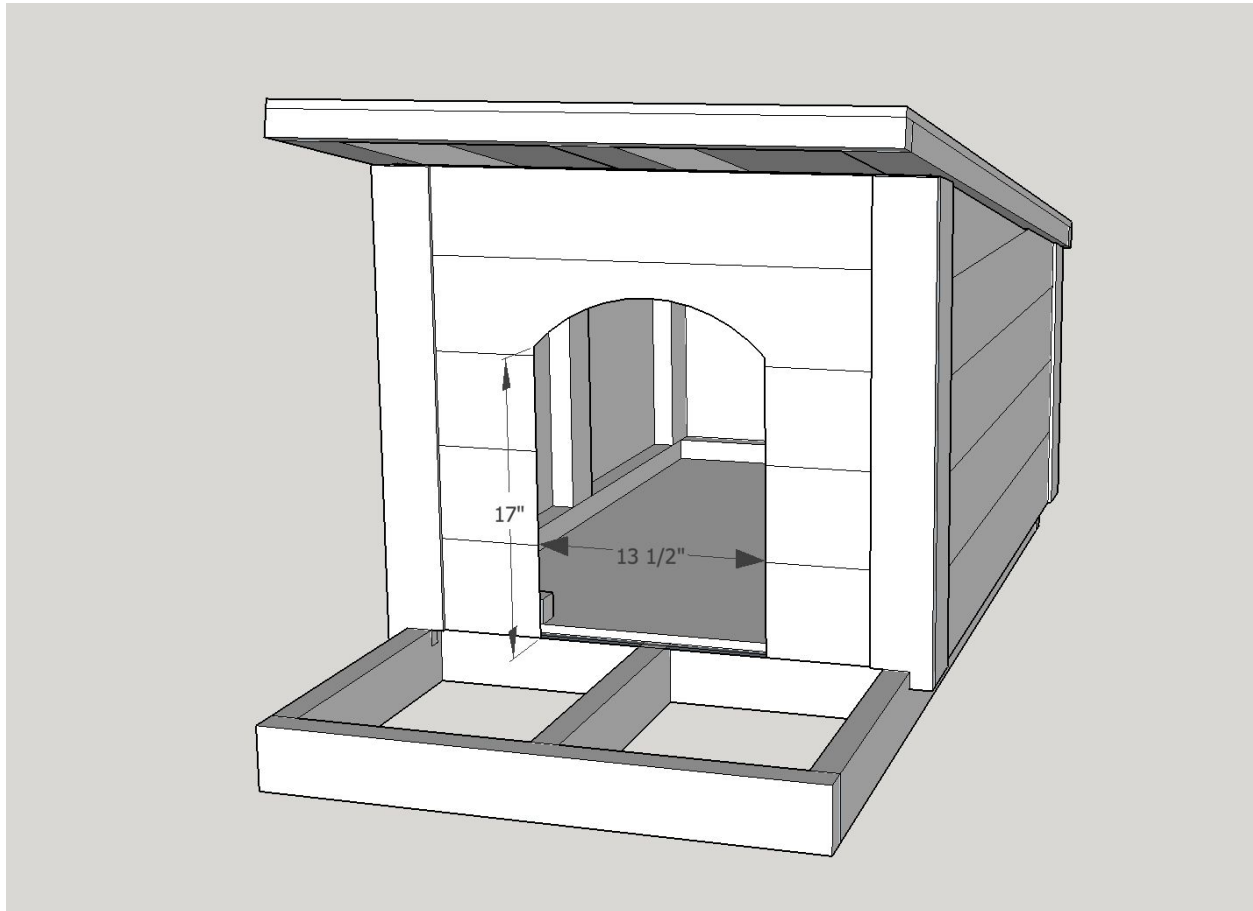


Add siding to the front and all sides.



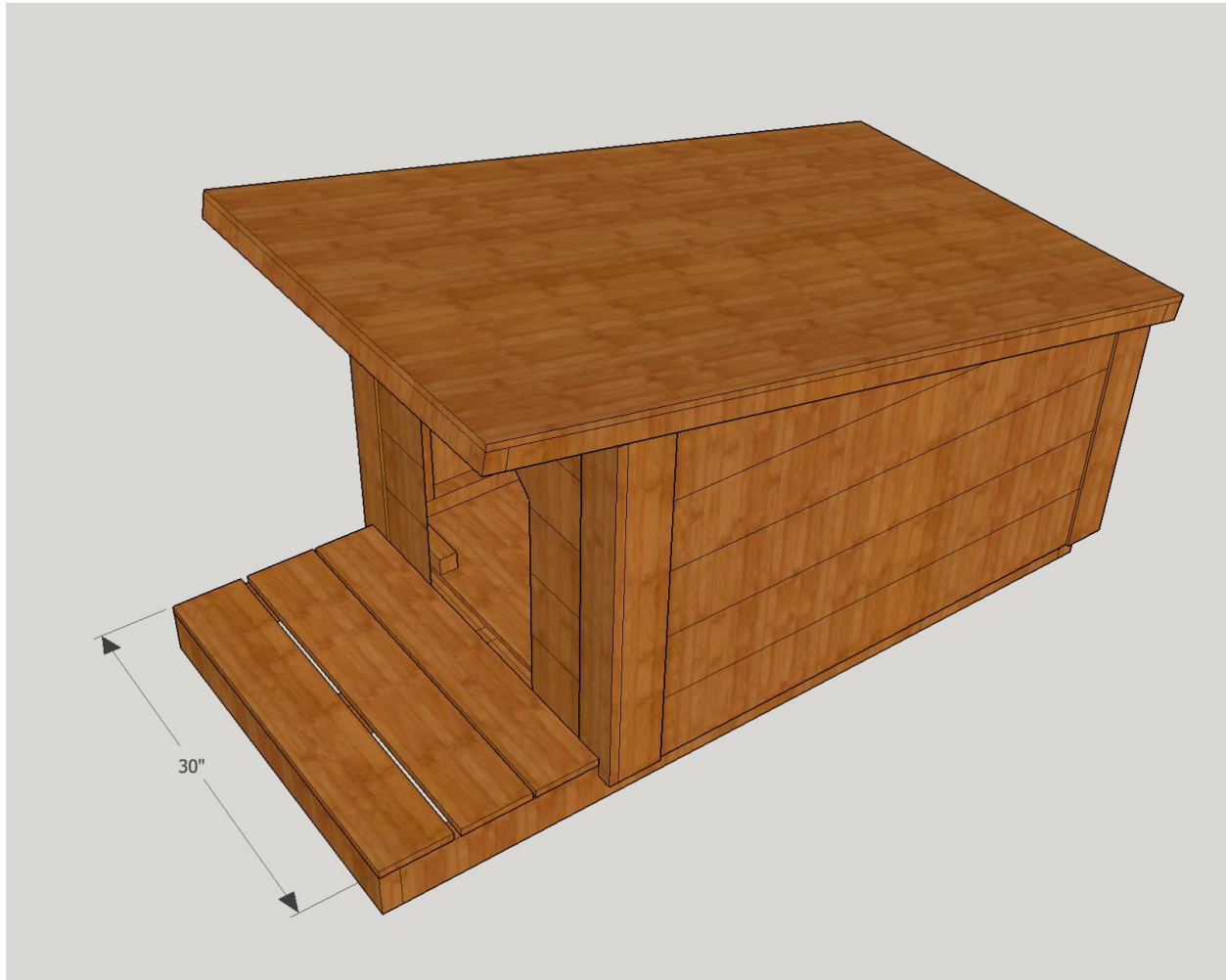


Use a jig saw to cut out a door. My door is 13 ½" wide and the top of the arc is 20 inches. I started the arc about 17 inches up. First drill a hole in the center so you have a place to start cutting with the blade.





Cut the decking (30 inches long). You'll likely need to make one of the boards a bit narrower using a table saw. I used cedar pickets for the decking.







Add a roof. I chose to use metal, but shingles would work well if you'd prefer. Because metal is sharp, I used J channel around the front and 2 sides to cover up the sharp ends. The channel was screwed to the top and then the panel slid in from the backside. The metal was cut to 34" by 60" (same as roof). The J channel will need to be cut to fit around it. You can find more detailed photos at Ryobi Nation. Secure the metal using 1 inch metal roofing screws into the studs.





Add a wood or metal plaque on the front with your dog's name if you'd like. This doghouse works perfect for Nala, who is a 40 pound Golden Retriever.



## Enjoy!

You've done the work, now let your dog enjoy his or her new home! Modify your build as needed and share this project with your friends. Thanks for following along and be sure to check out the free blog post and video tutorial at

<https://www.ryobitools.com/nation/projects/7069>.

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## Cheers!

Thanks so much for checking out the DIY Doghouse plans and I'd love to hear how your project goes! Please post photos on Facebook at [www.facebook.com/diyprojectswithpete](http://www.facebook.com/diyprojectswithpete) and subscribe to my Youtube channel at [www.youtube.com/diyprojectswithpete](http://www.youtube.com/diyprojectswithpete).



Cheers from Montana,

*Pete Smeen*

\* Please refer to the post at <https://www.ryobitools.com/nation/projects/7069> and check out the video tutorial for more information, instructions, and tips.