

DIY Outdoor Bar



free plans on diyhuntress.com

diy outdoor bar from diyhuntress.com

DIMENSIONS & DISCLAIMER:

Please double check the overall dimensions for your specific build before starting.

Please wear appropriate safety gear when operating power tools.

DIY Huntress is not responsible for any injury or mismeasurement caused by individual error. For my full disclaimer policy, please visit my website at diyhuntress.com/aboutme.

In better news, thank you for downloading my plan! Please share your build on social media by tagging it to #diyhuntress or #diyhunted.
Happy DIY'ing!



WHAT YOU'LL NEED

TOOLS:

Miter Saw (or Circular Saw)
Table Saw
Nail Gun
Drill/Driver

Pocket Hole Jig
Sander
Measuring Tape
Pencil

MATERIALS:

(2) Sheets 1/2" Plywood
(2) 4 x 4 x 96" Boards
(6) 2 x 4 x 96" Boards
(5) 1 x 6 x 96" Boards

Carpenter's Wood Glue
1" & 1 1/4" Brad Nails
1" & 2 1/2" Pocket Hole Screws
2 1/2" Wood Screws

CUT LIST:

Plywood:

(1) Top @ 21 x 50"
(1) Front Panel @ 41 x 42"

(2) Side Panels @ 13 x 34"
(2) Shelves @ 15 1/4 x 42"

4x4's:

(4) Legs @ 41"

1x6's:*

Cut one 1x6 into 1/2" trim:

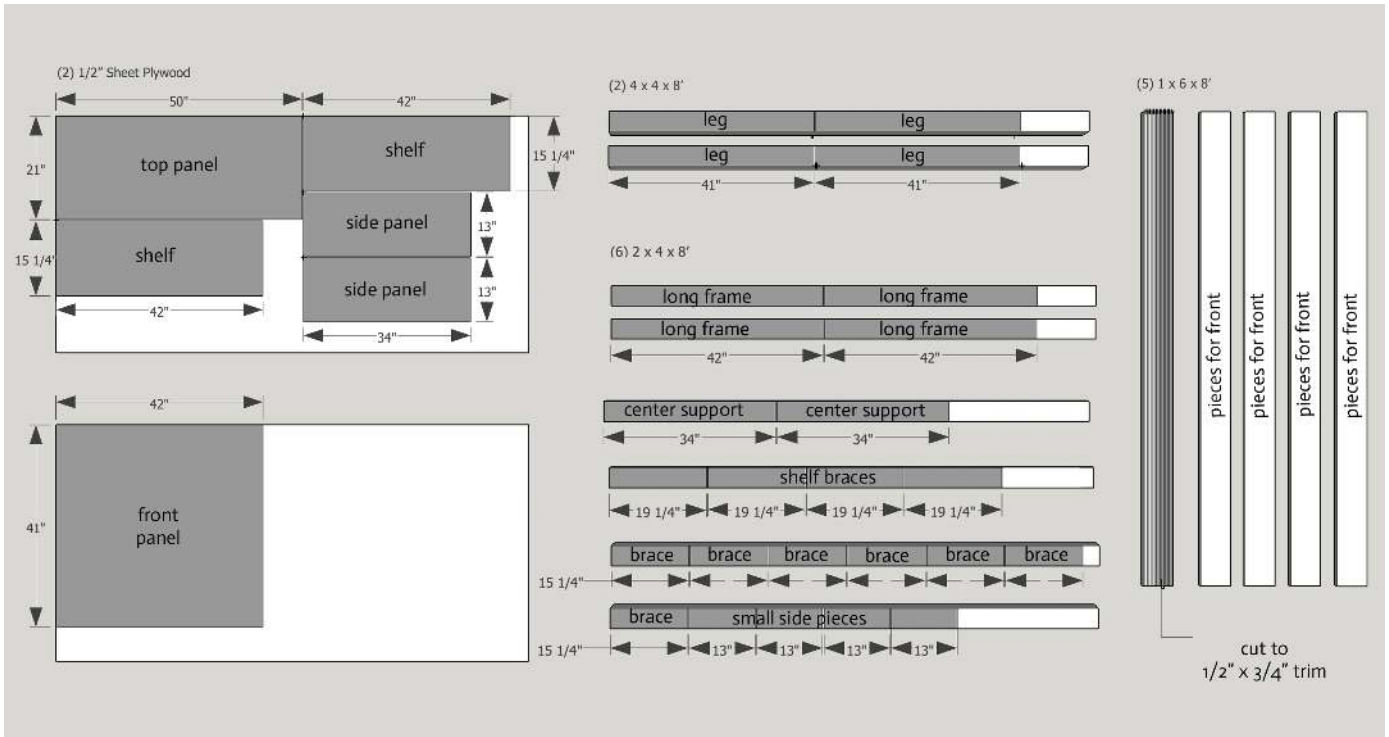
(2) 1/2 x 3/4 " top trim @ 21"
(2) 1/2 x 3/4 " top trim @ 51"
(2) 1/2 x 3/4 " front trim @ 40 1/2"
(2) 1/2 x 3/4 " front trim @ 41"

2x4's:

(4) Long Frames @ 42
(4) Short Side Frames @ 13"
(8) Supports @ 15 1/4"
(2) Long Middle Supports @ 34"
(4) Shelf Braces @ 19 1/4"

*Follow instructions in plans to make cuts for front design.

CUT LIST:



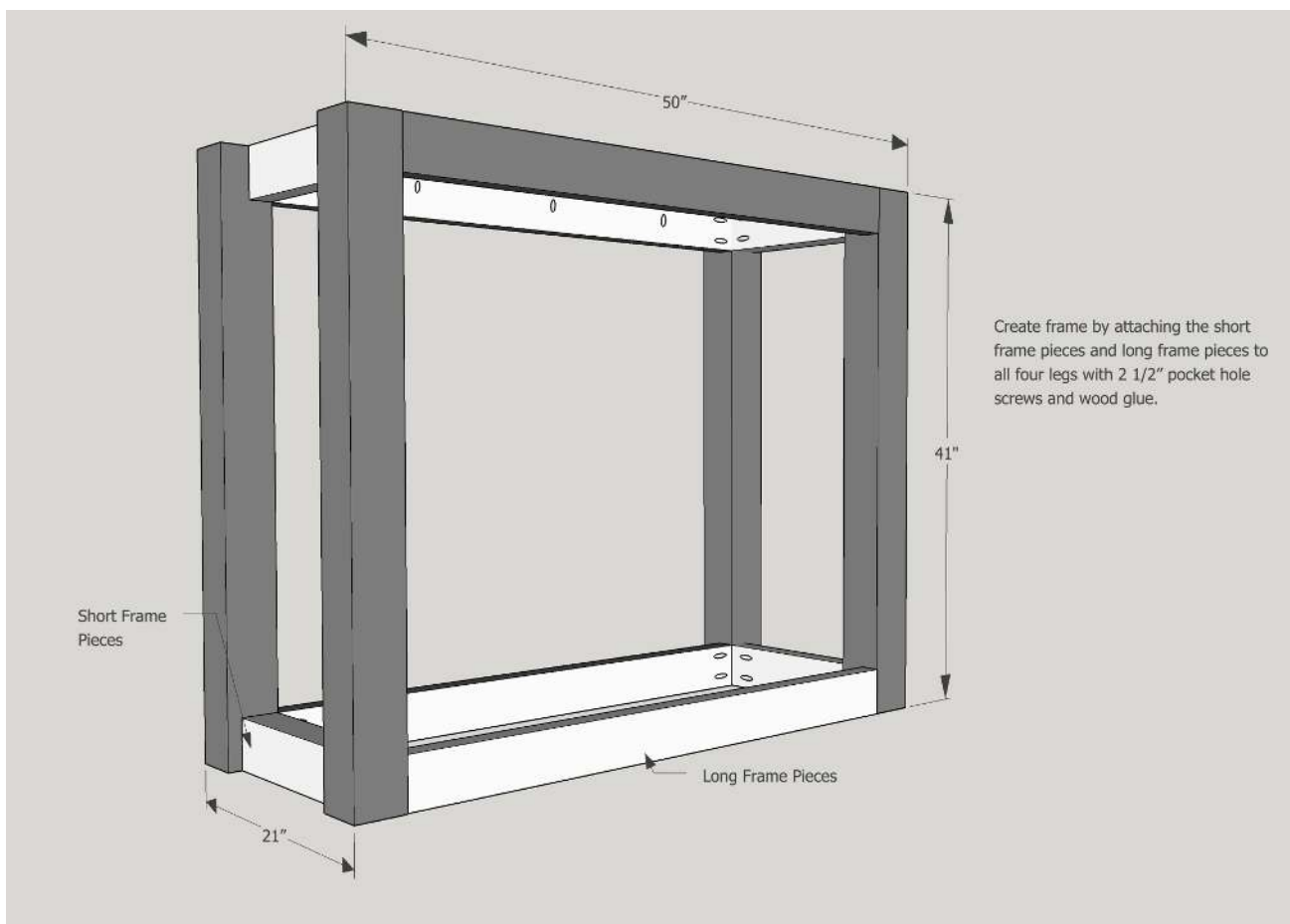
THE STEPS:

STEP 1

Build frames by first attaching your short side frames to the legs of the bar with 2 1/2" pocket hole screws and wood glue.

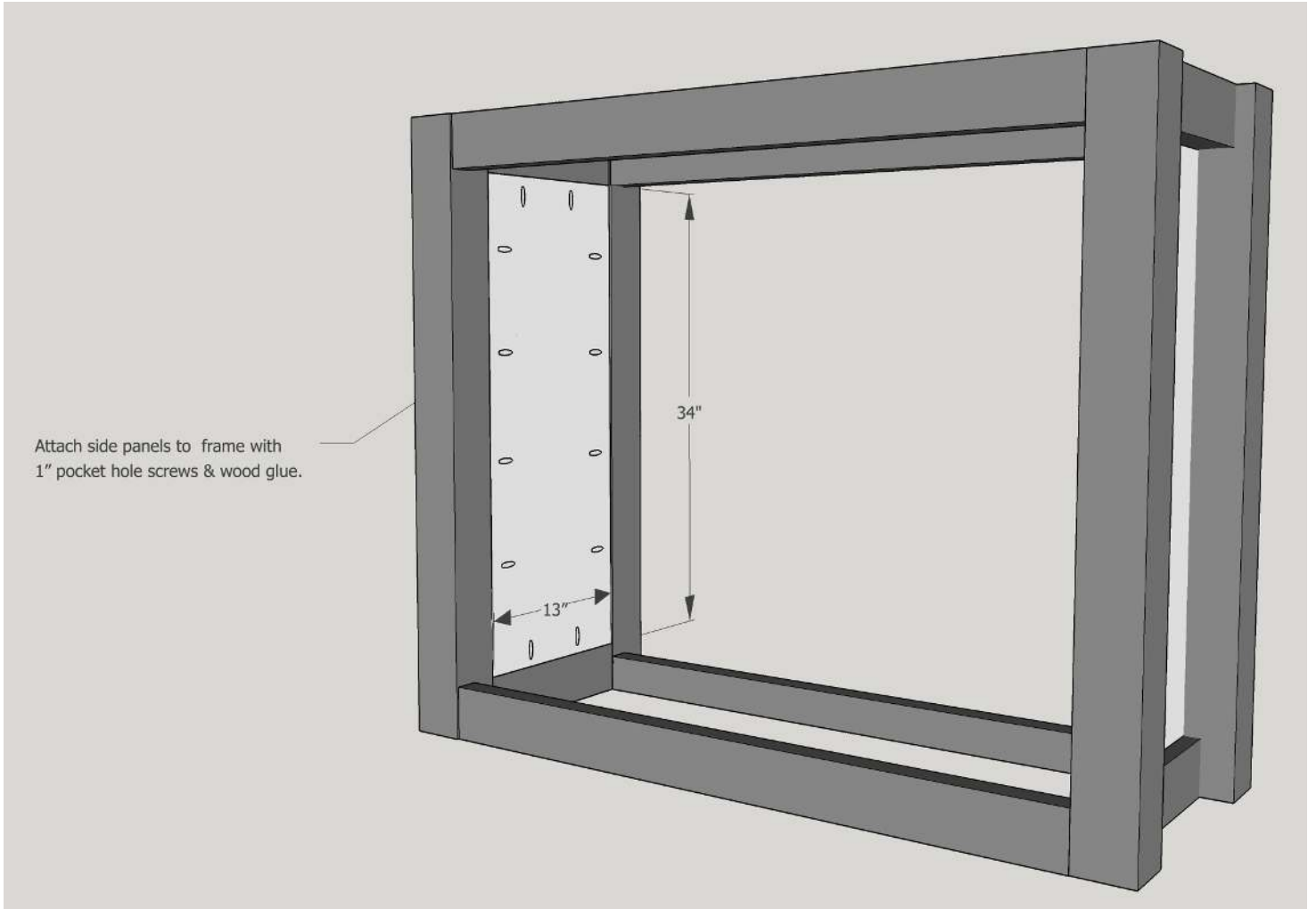
Next, attach your long frame pieces using the same method of joinery.

IMPORTANT: make sure to include pocket holes in all top frame pieces that are facing up for attaching the top panel later!



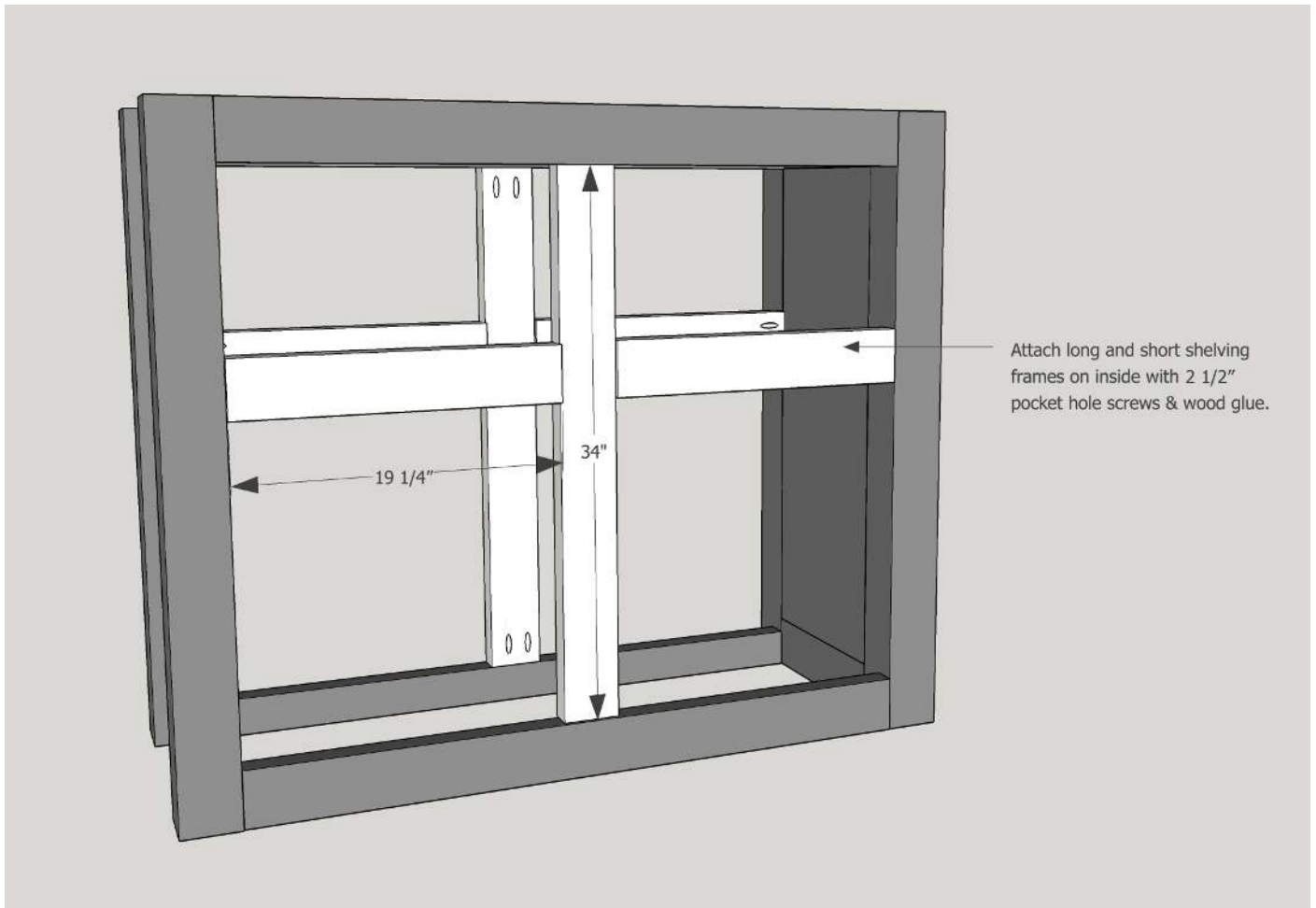
STEP 2

Add the side panels with pocket hole screws and wood glue.



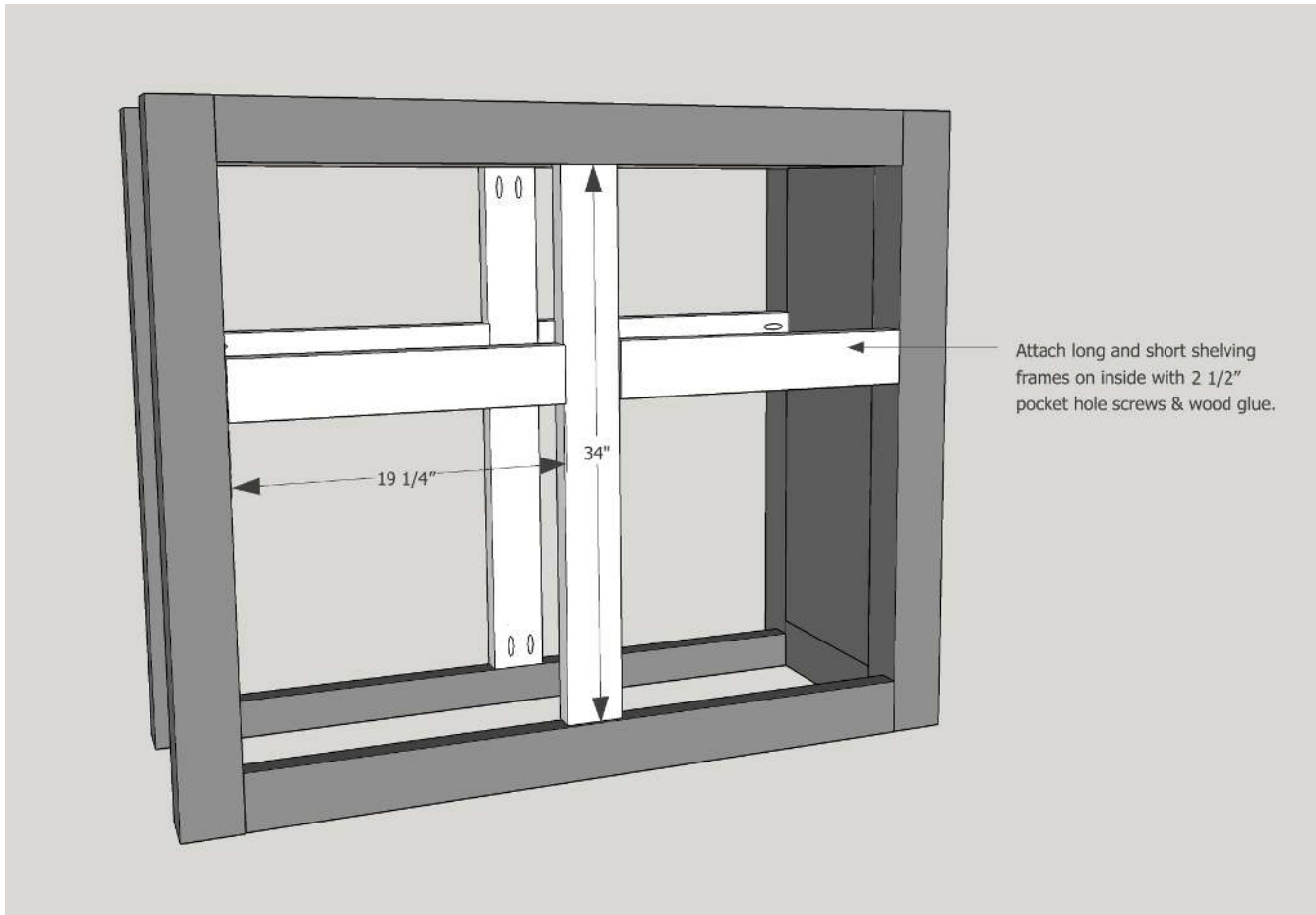
STEP 3

Attach the long supports/large frame pieces with 2 1/2" pocket hole screws and wood glue.



STEP 4

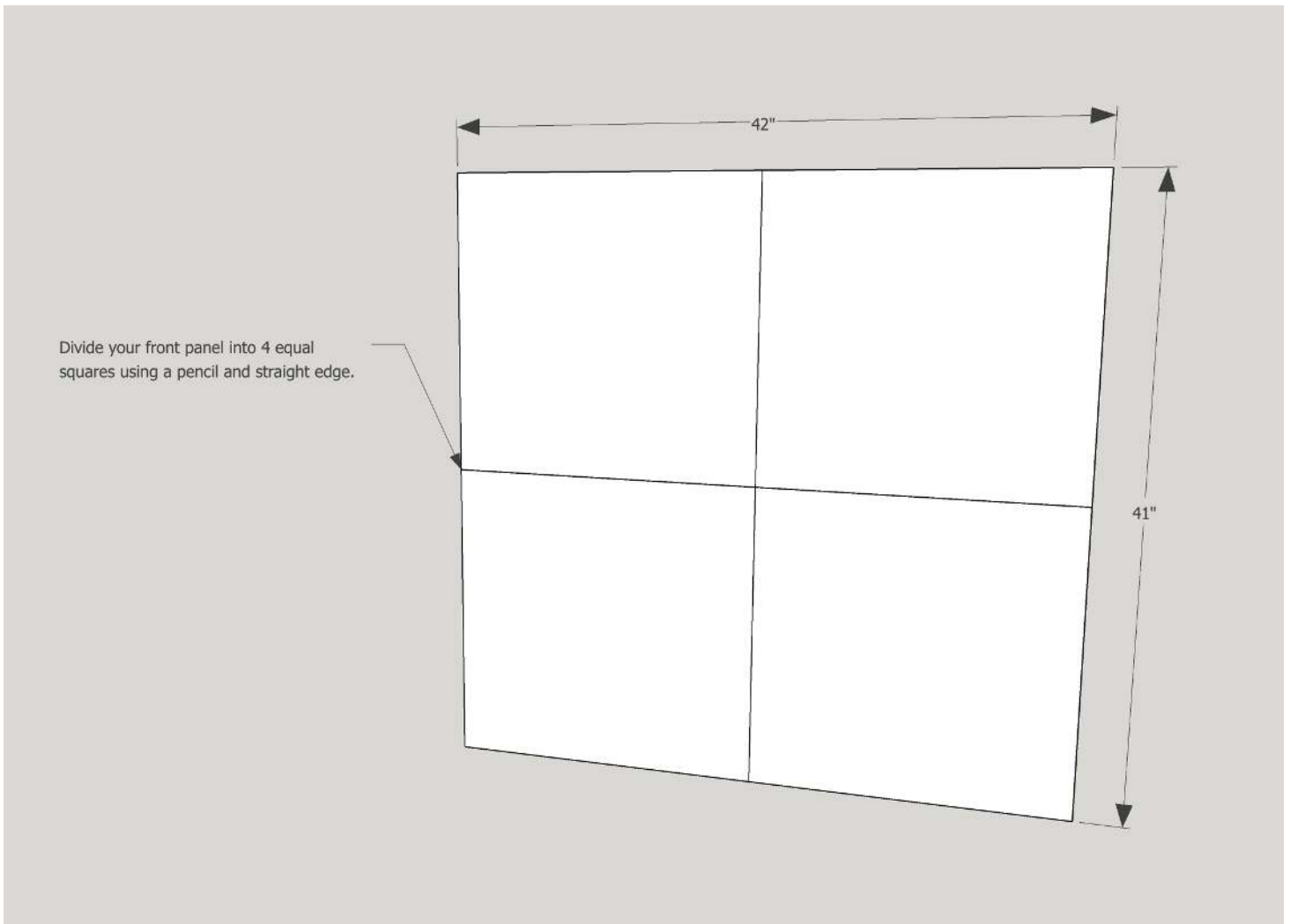
Attach your shelving braces with 2 1/2" pocket hole screws and wood glue.



STEP 5

Prep your front panel for artwork!

Use a pencil and a straight edge to split your front panel into four equal sections.
This will help with lining up your pieces in the next step.



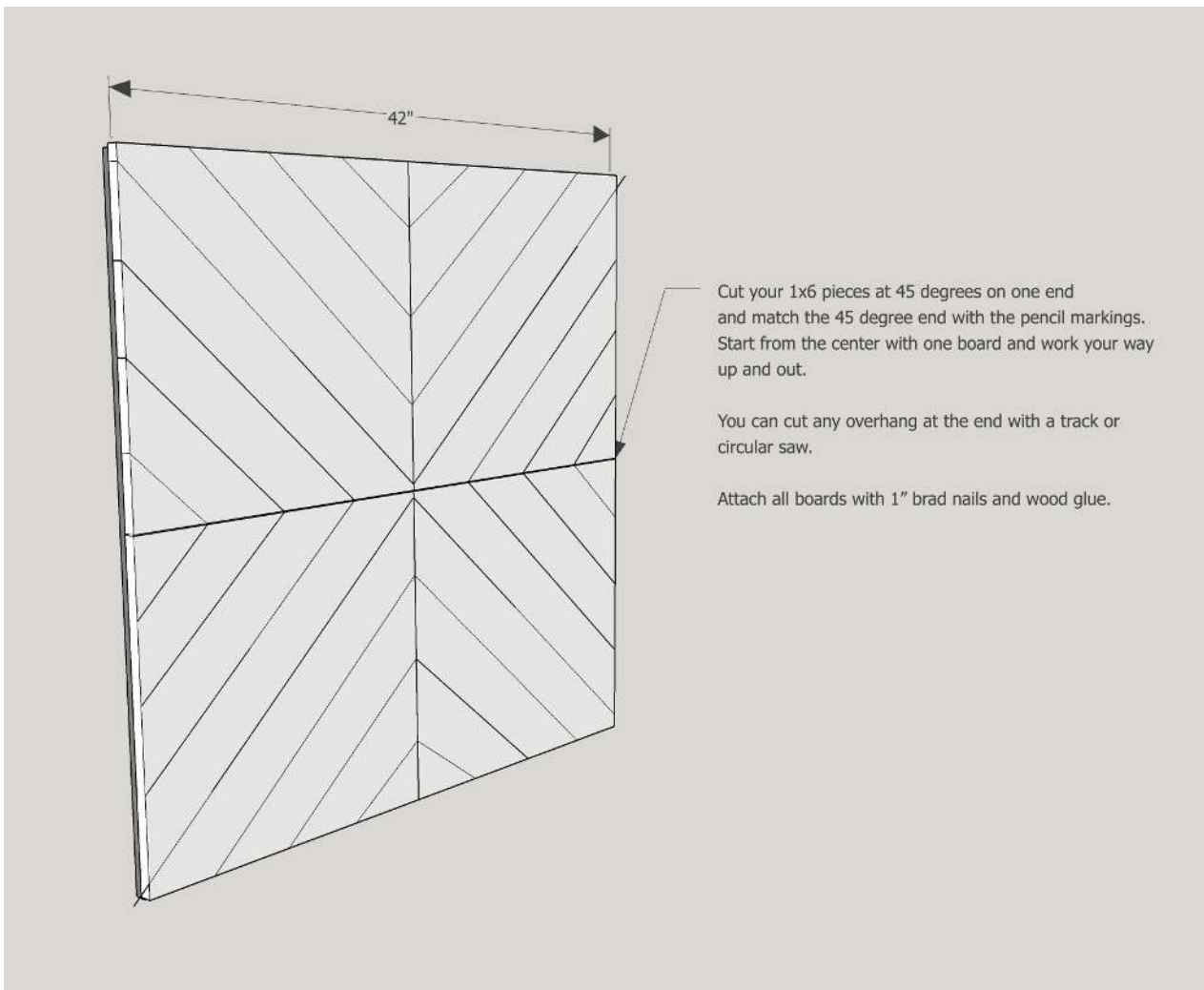
STEP 6*

Begin attaching 1x6 pieces. This is done by cutting one end of a 1x6 board at a 45 degree angle and lining it up with the middle intersection you made with your pencil.

You can either mark the cut that overhangs at the end here (and trim your pieces as you go), or you can cut your pieces a little long and trim the entire panel down later.

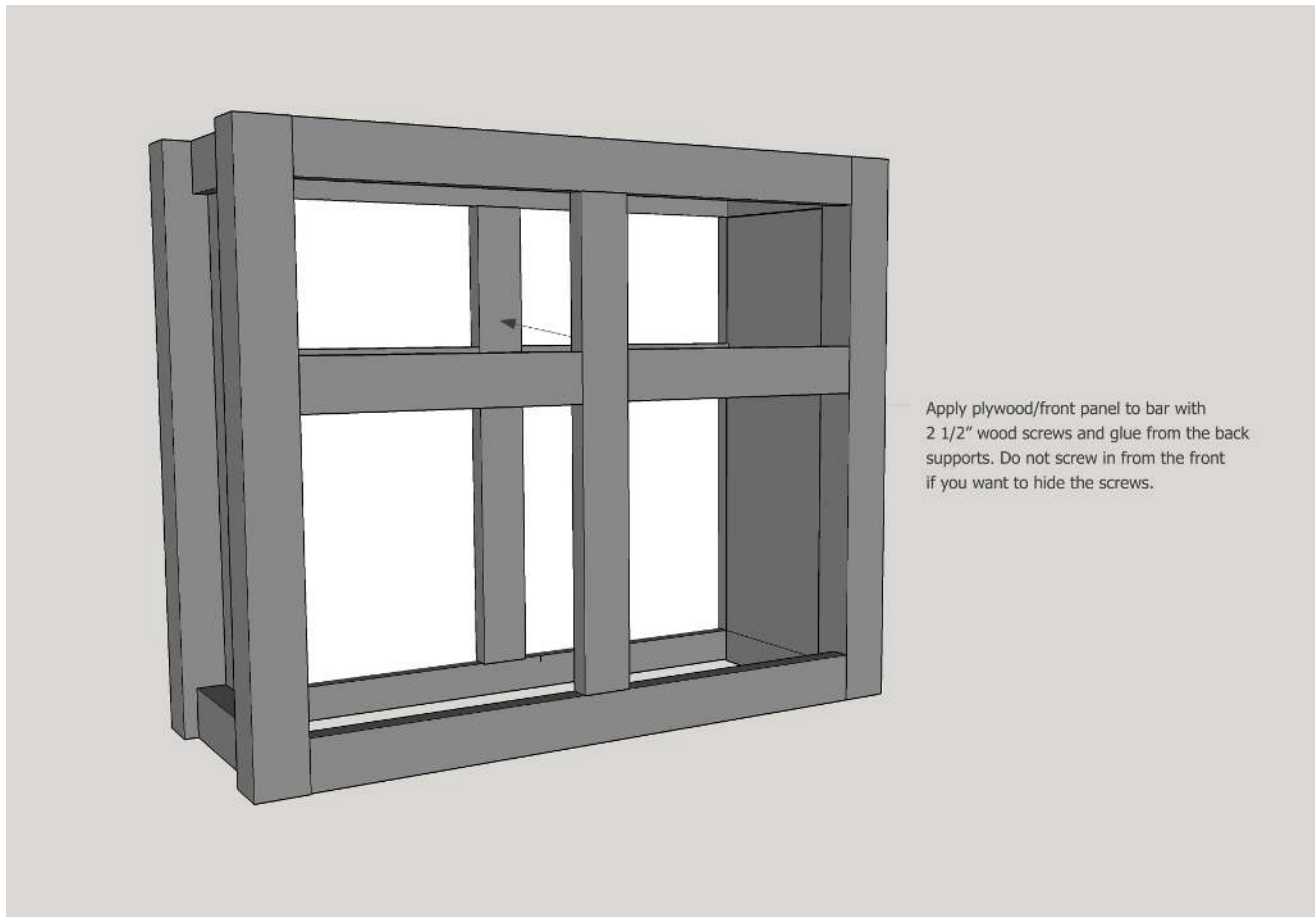
Work in one section at a time to avoid mistakes! Use a nail gun and glue to hold your boards down.

**For a full visual tutorial of how this works, search for "DIY Yoga Mat Holder" on the blog!*



STEP 7

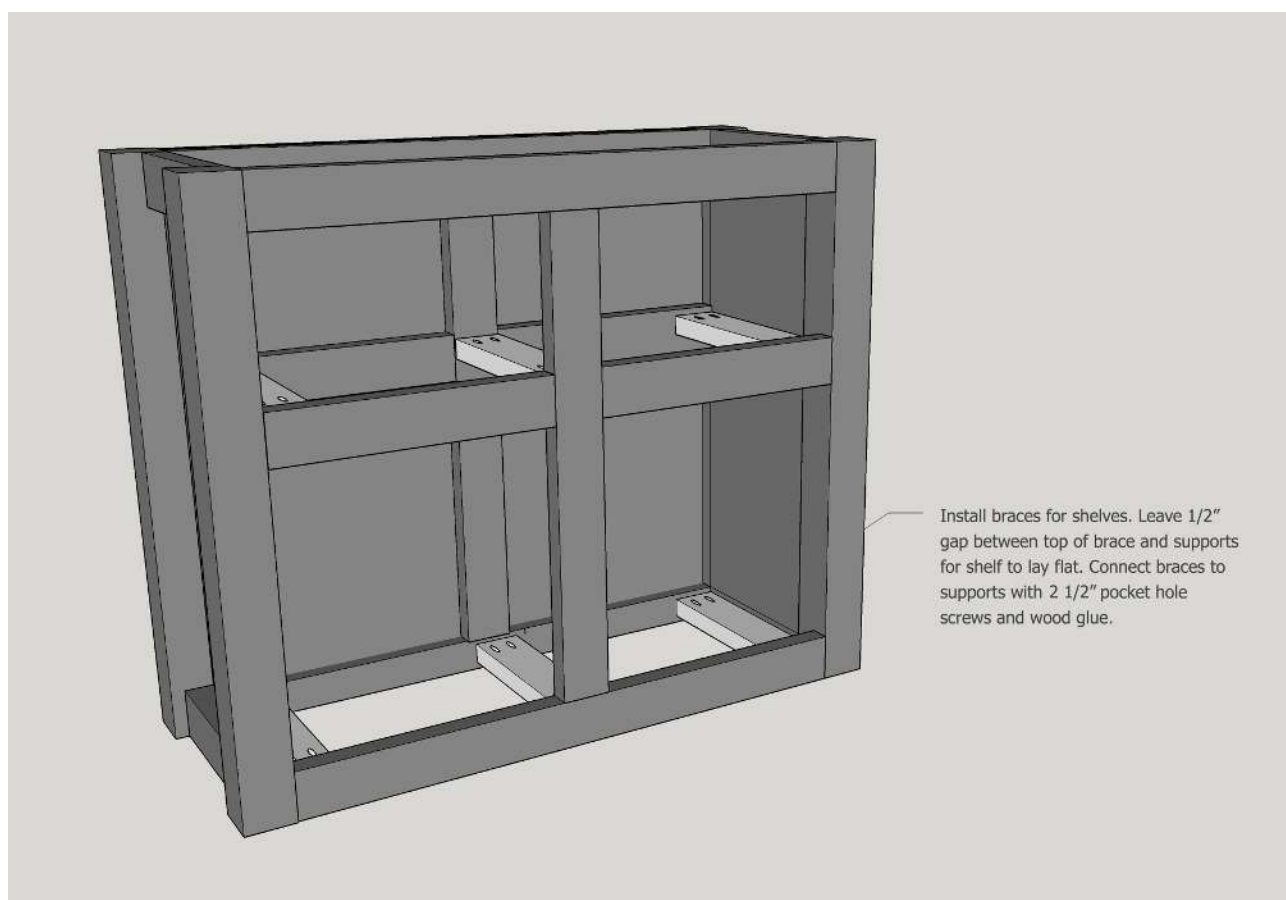
Once your panel is complete and the sides are flush, attach it to the front of the bar by screwing and gluing it onto the frames from the inside. This will hide the wood screws on the inside of the bar.



STEP 8

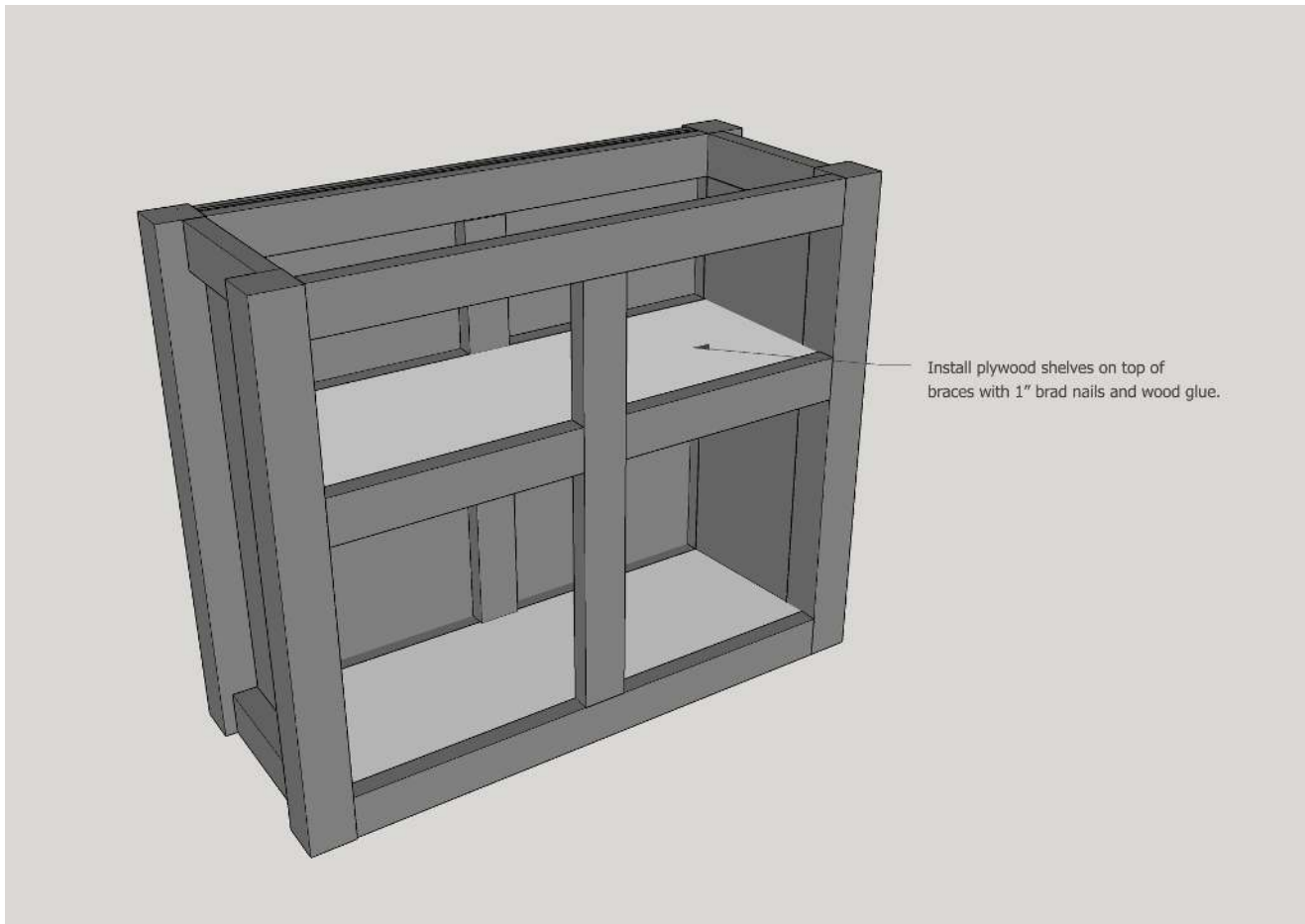
Begin adding your supports to help hold the weight of the shelves and the top (top supports not shown in image below). Attach these to the frames with 2 1/2" pocket hole screws and wood glue.

IMPORTANT: In order to make your shelving panels lay flush with the shelving frames, you will have to install your shelf supports 1/2" (or the equivalent width of your plywood) below the top of your frame pieces. In other words, leave a 1/2" gap at the top of your supports for the shelf to drop in later.



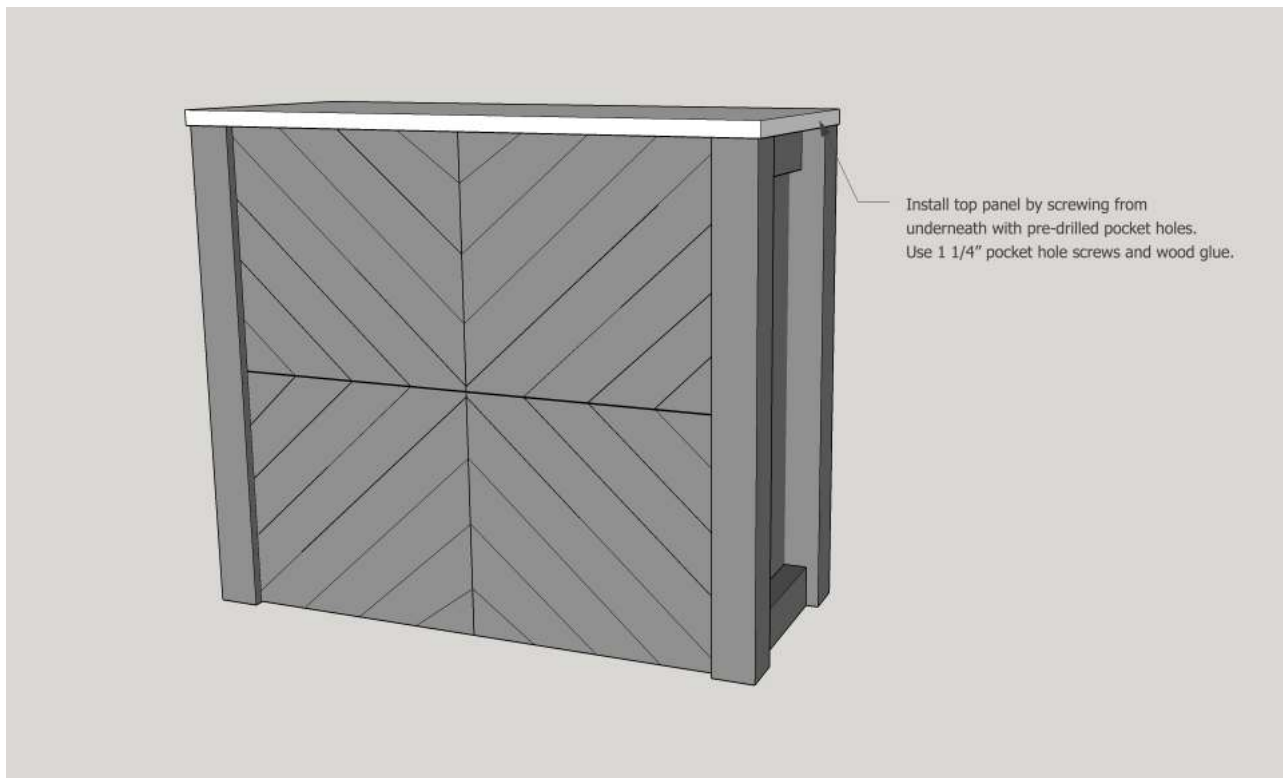
STEP 9

Drop your shelving panels into place and secure them to the supports with 1" brad nails and wood glue.



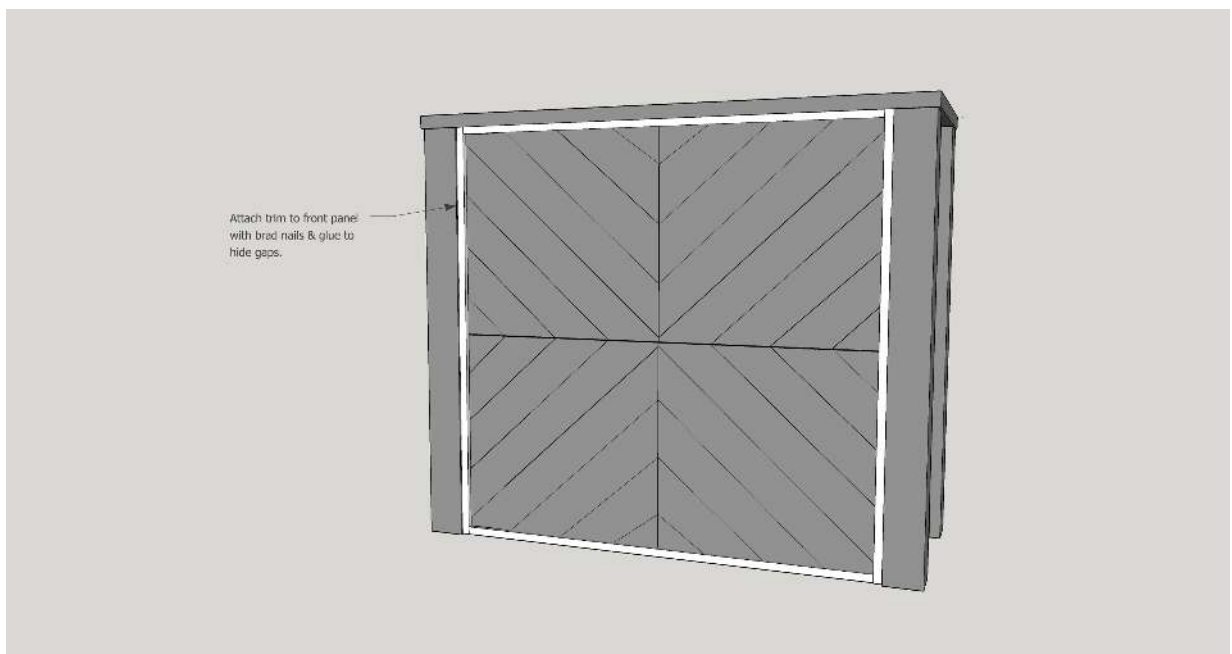
STEP 10

Install your top panel with 1 1/2" pocket hole screws and wood glue from the bottom frame.



STEP 11

Attach $\frac{1}{2}$ x $\frac{3}{4}$ " trim pieces cut from your 1x6's to the front panel (@ 41" and 42" -- to hide any imperfect gaps -- this is optional!) and the top (@ 23" and 51" -- to hide the plywood edging).



STEP 12

Sand and then stain and seal your bar with outdoor/waterproofing sealer or stain!

