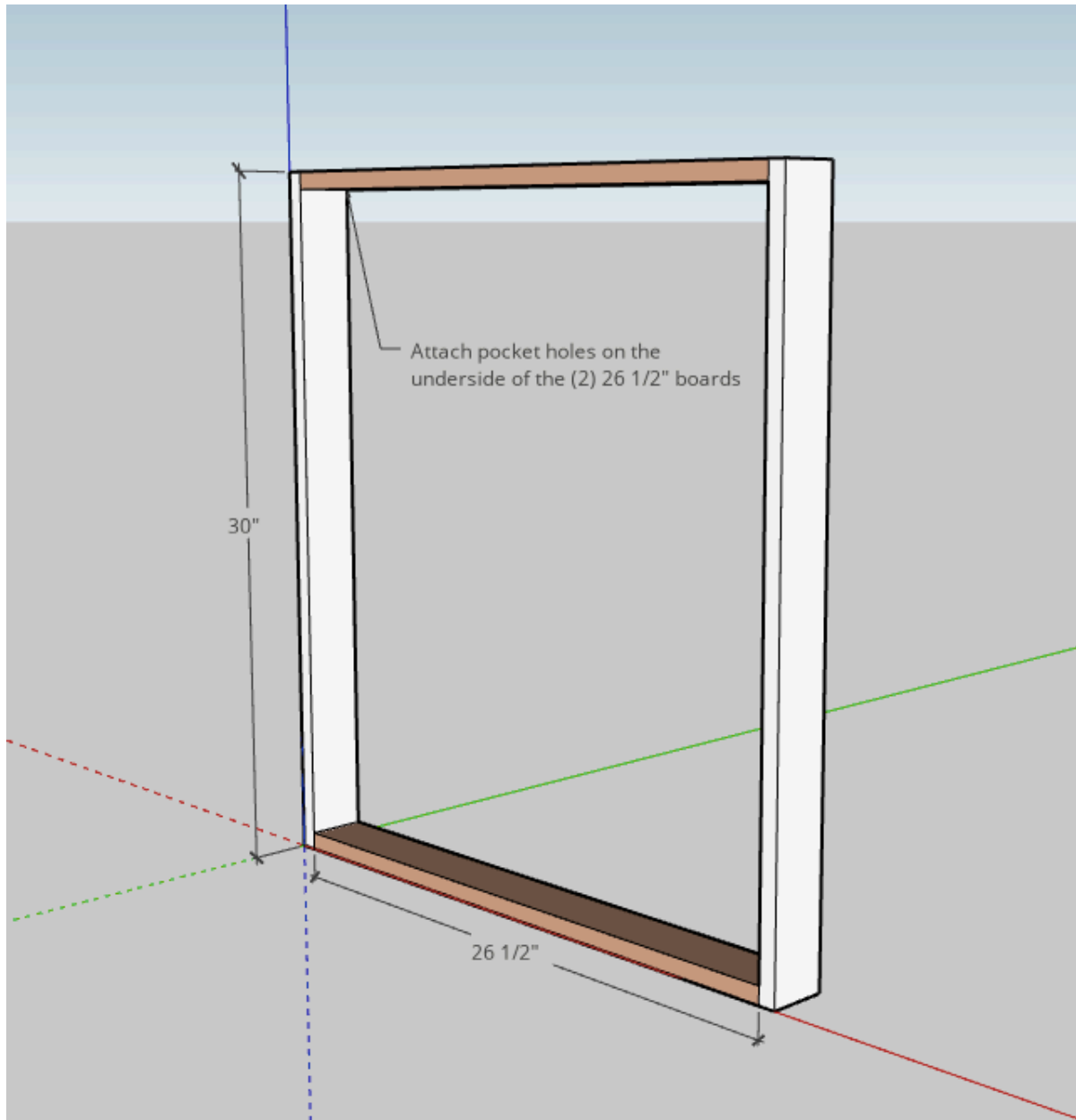


# DIY Modern Outdoor Sofa

By Kourtni Leigh [www.houseonlongwoodlane.com](http://www.houseonlongwoodlane.com)

## Step 1: Build arm base

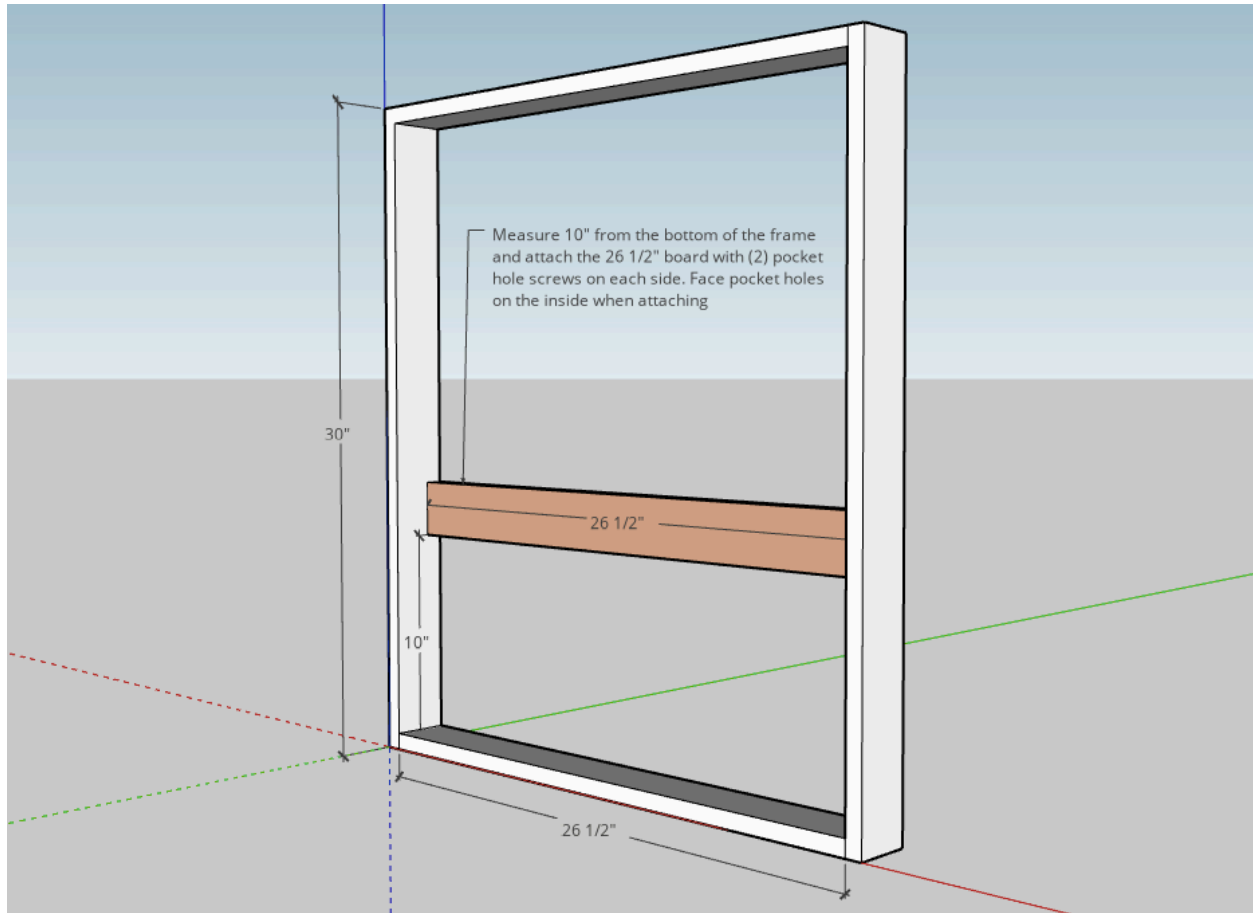


### Step 1 Directions:

Cut your arm base pieces using a miter saw and the 1x3x8 select pine boards. By cutting all of these pieces at once you can also make all the pocket holes for the arm bases as well! Cut 4 pieces at 26 1/2" and 4 pieces at 30".

Make your pocket holes using a Kregjig! I use the the Kregjig K4 and absolutely love it. Set your drill guide to 3/4" thickness and a screw length of 1 1/4". The pocket holes will ONLY go into the 26 1/2" boards.

## Step 2: Attach arm base seat mount

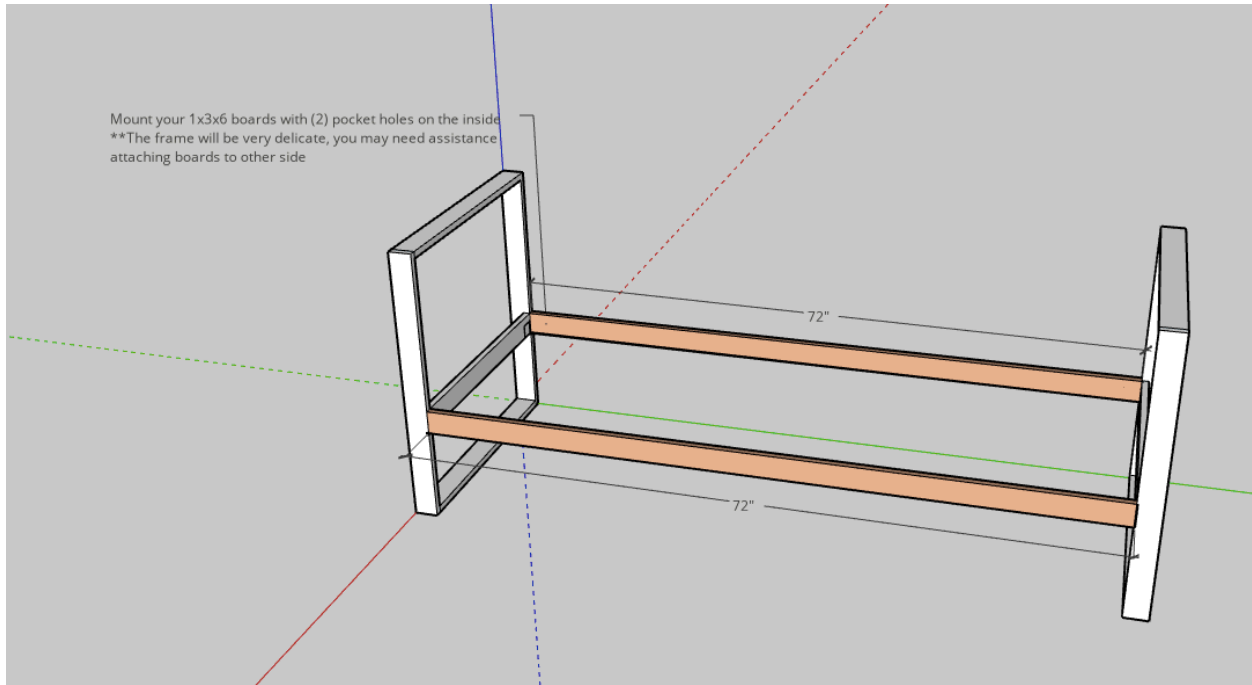


### Step 2 Directions:

Cut 2 more 26 1/2" boards from the 1x3x8 for the center base mount. Measure 10" from the bottom of the 30" board and attach the 26 1/2" board with pocket holes facing inward.

Attach the 26 1/2" board to the innermost side of the arm rest frame. You may want to use some scrap pieces to brace the piece while you attach.

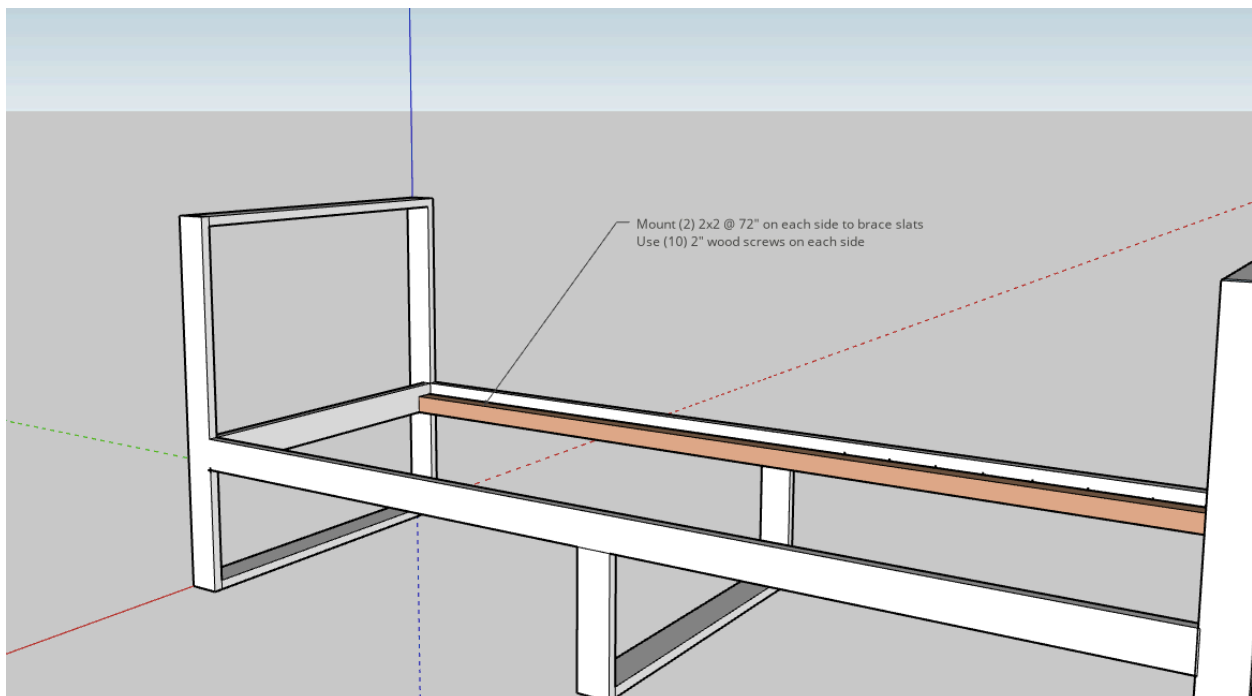
## Step 3: Attach seat frame

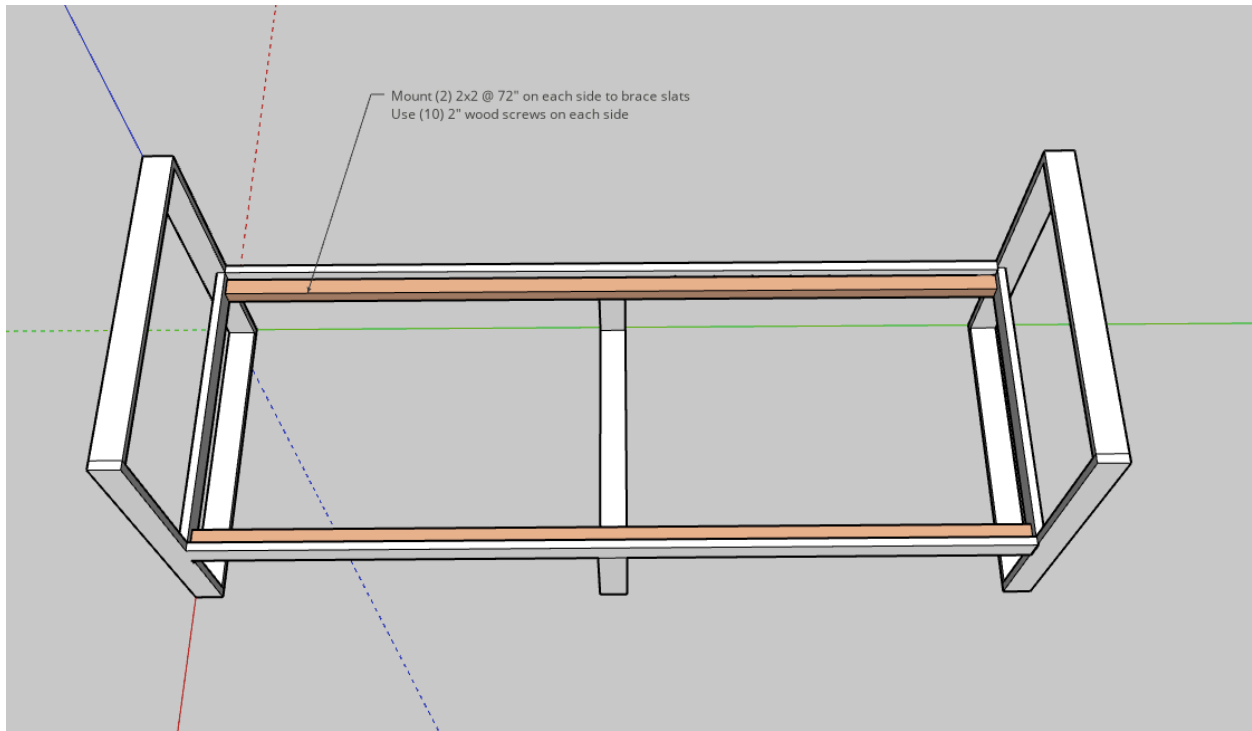


### Step 3 Directions:

Cut a 1x3x8 @ 25" for both the front and back of the chair to form the seat frame. Make 2 pocket holes on each end and face pocket holes inward to hide when attaching.

### Step 4: Attach 2x2 slat supports

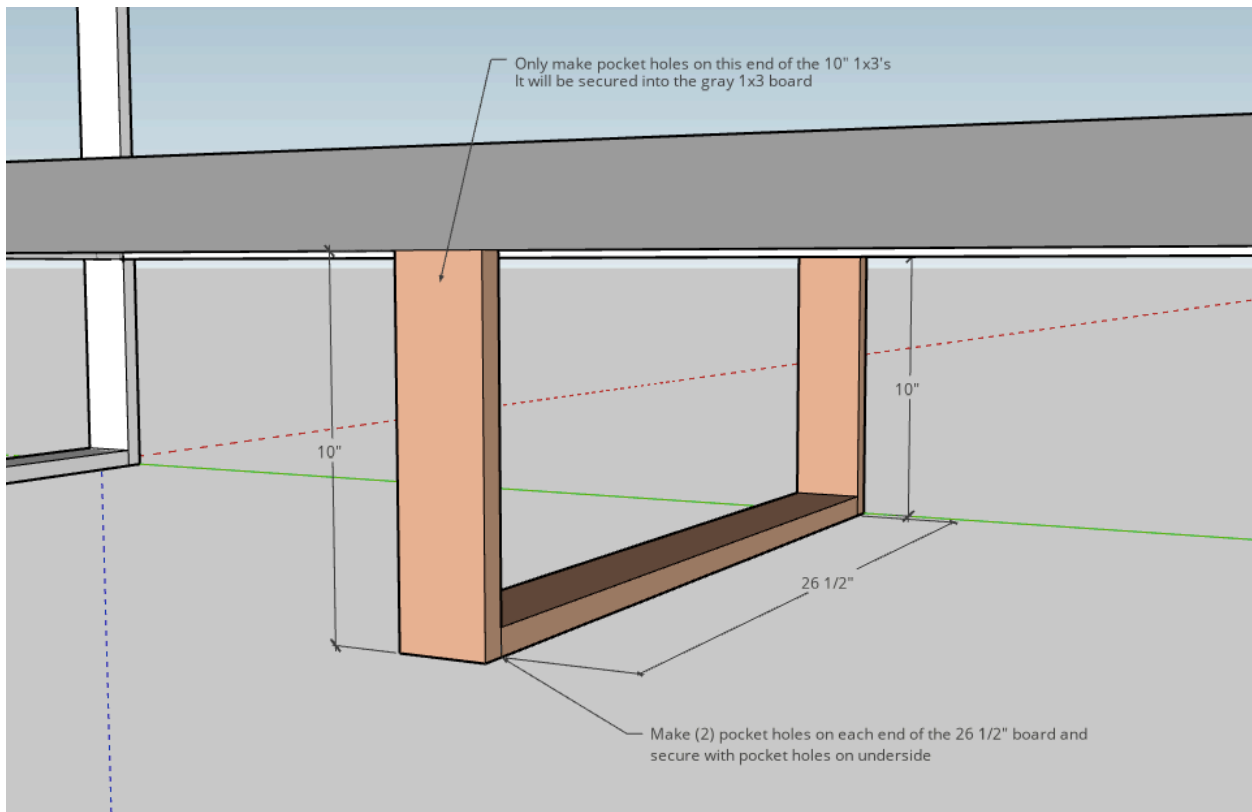




**Step 4 Directions:**

Cut a 2x2x8 @ 72", you may need to cut to fit. This will be a snug fit and you may need a hammer or mallet to push into place. The 2x2 should be lined up with the bottom of the 1x3. Attach the 2x2 with (10) 2" wood screws on each side.

**Step 5: Attach middle brace**

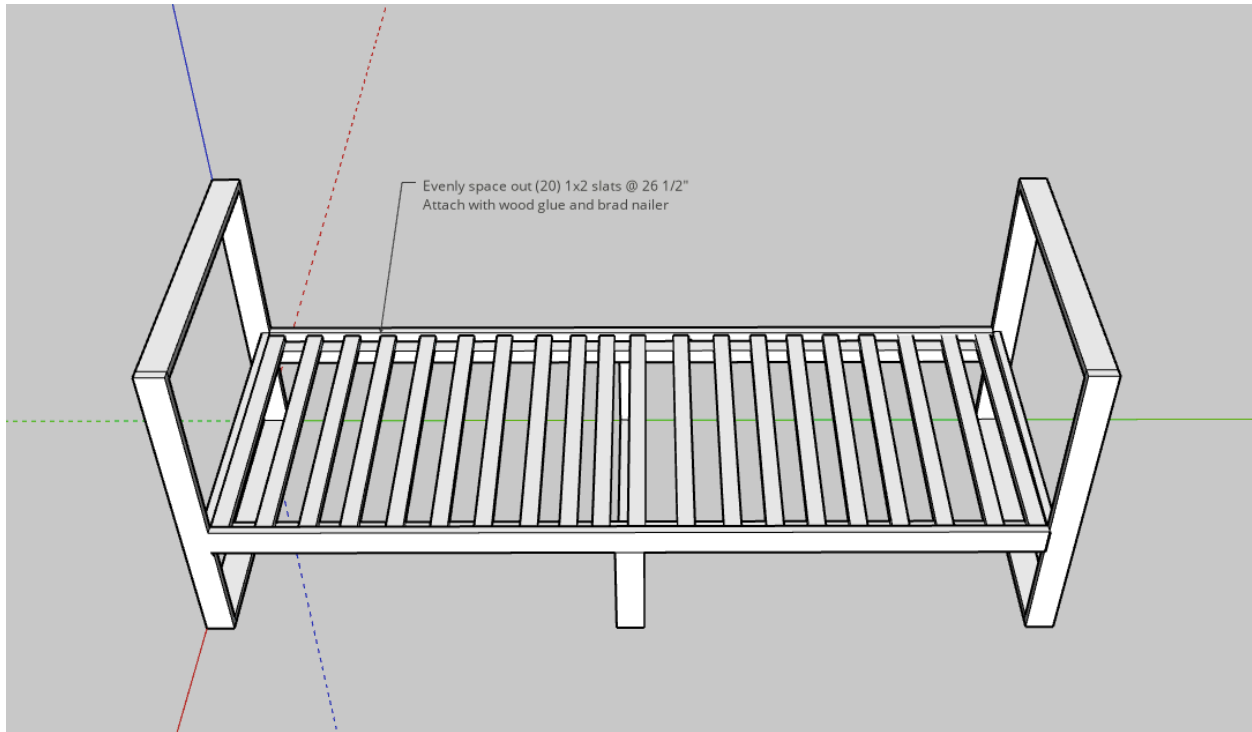


**Step 5 Directions:**

Attach (2) 10" 1x3's to the middle of the seat frame. Only make pocket holes on one end of the 10" pieces (don't mind my rogue pocket holes). You must attach the (2) 10" pieces first before the 26 1/2" piece.

Attach the 26 1/2" board on the underside to hide the pocket holes.

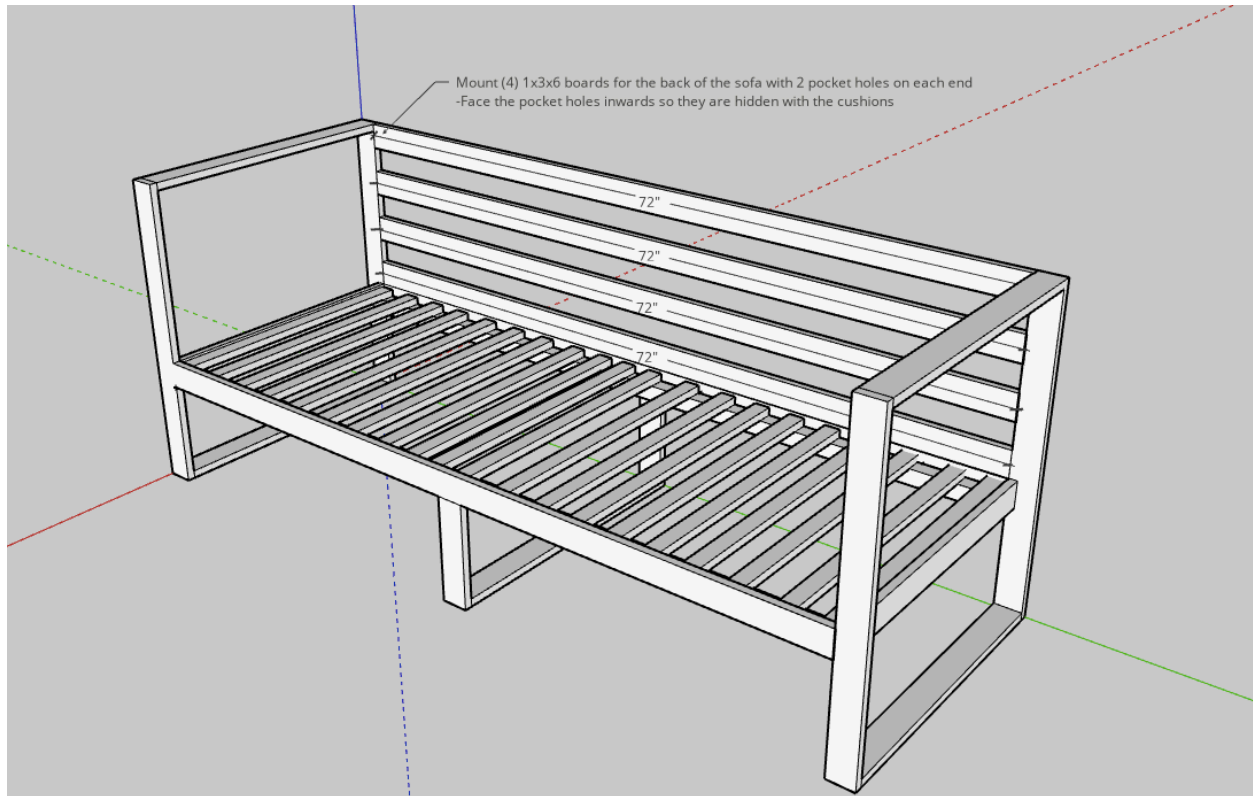
**Step 6: Attach seat slats**



**Step 6 Directions:**

Attach the 20 - 1x2 seat slats at 25", again, measure to fit if needed! Use wood glue and 3/4" brad nails for each slat. Evenly space out the slats at about 2 1/4" apart, the back and front slats will fit snug against the 1x3 seat frame.

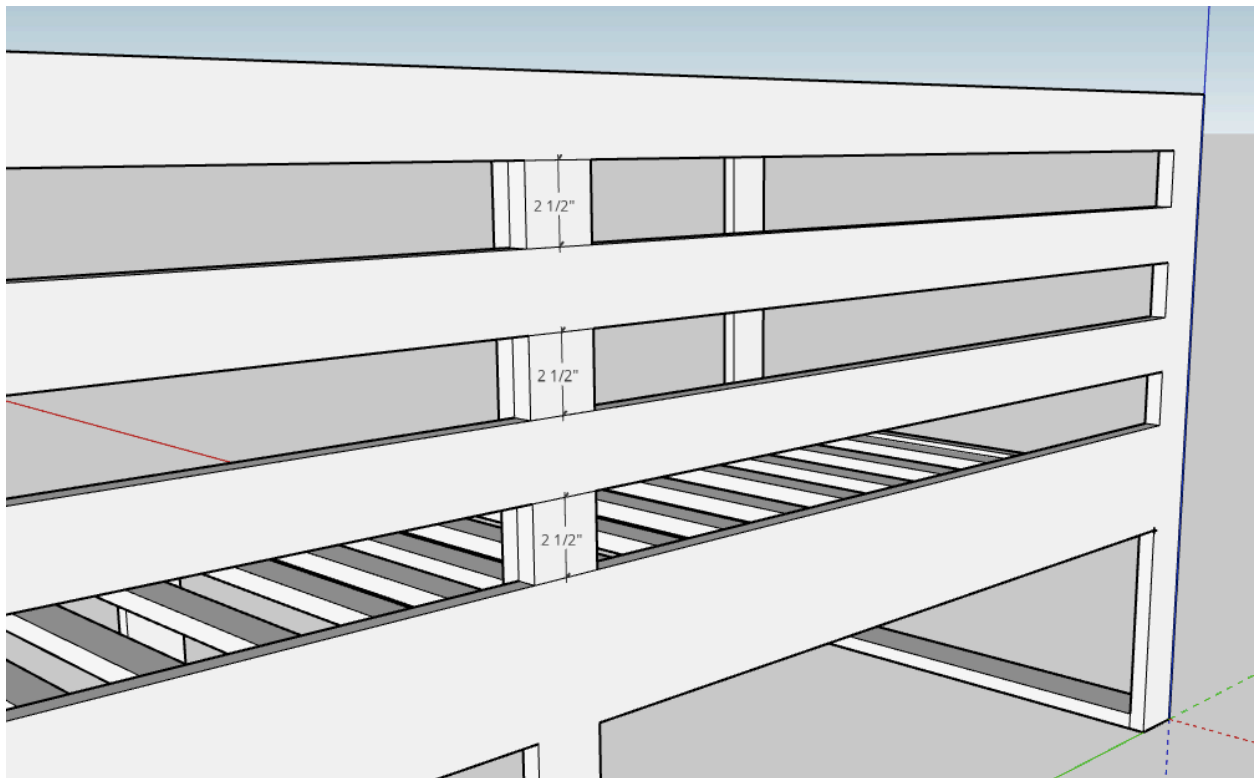
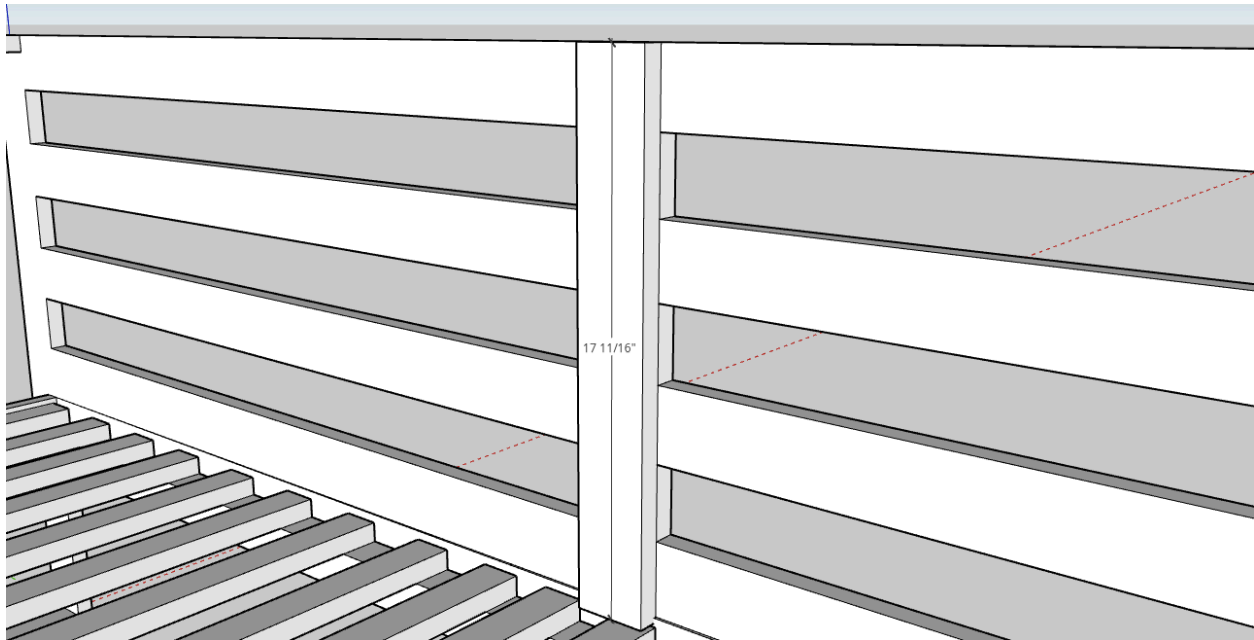
## Step 7: Attach back slats



### Step 7 Directions:

Attach the back slats with 1x3x6 @ full length. Each slat should have 2 pocket holes on each end attached with the pocket holes on the inside. I used scrap 1x3's as spacers between the back slats.

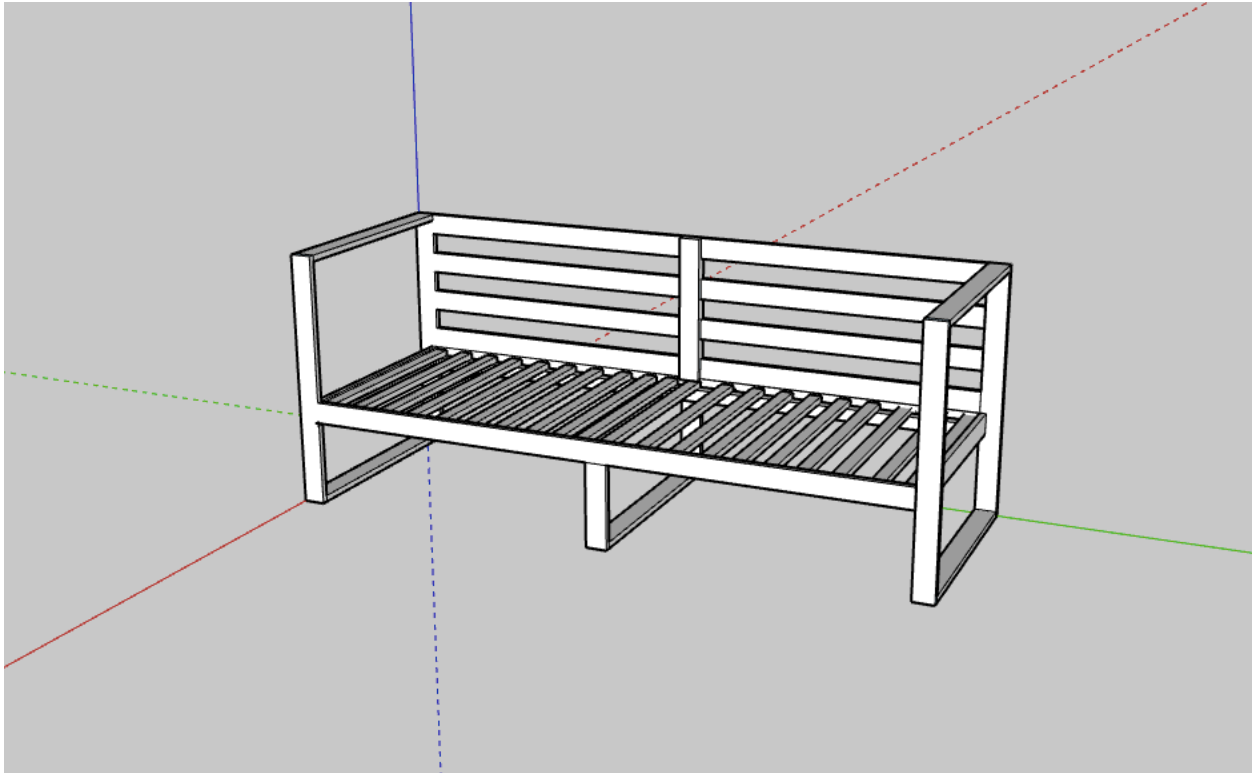
## Step 8: Attach slat brace



**Step 8 Directions:**

Attach a 1x3 @  $17\frac{11}{16}$ " board to the middle back slats. Use wood glue and a brad nailer to secure. In the spaces behind the  $17\frac{11}{16}$ " board attach 1x3 @  $2\frac{1}{2}$ " with wood glue and brad nails.

## Step 8: Finished product



### Step 8 Directions:

Now it's time to stain the sofa! I used the same stain I used on the chairs on the sofa, a new stain Varathane came out with this year called Flagstone available at Home Depot. Before staining sand with 180G and 220G sand paper and wipe down thoroughly of any dust.

Now that the chairs are finished it's time to stain them! I used a new stain Varathane came out with this year called Flagstone available at Home Depot.

## SHOPPING LIST :

- 6 – 1x2 select pine @ 8FT
- 4 – 1x3 select pine @ 8FT
- 6 – 1x3 select pine @ 6FT
- 2 – 2x2 @ 8FT
- 20 – 2" wood screws (for 2x2 base)
- 52 - 1 1/4" Kreg screws
- 56 - 3/4" Brad Nails
- 180 and 250 grit sand paper
- Wiping Cloths
- 1QT Varathane Stain in Flagstone (will be enough for 2 chairs and sofa)
- 1 can - Varathane Poly in Satin
- Wood Glue



## **TOOLS :**

- Tape Measure
- Pencil
- Safety Glasses
- Ear Protection
- Mask
- Drill
- Miter Saw
- Sander (or Sanding Sponge)
- Kreg Jig Mini or Kreg Jig K4
- Brad Nailer

## **CUT LIST :**

20 - 1x2x8 @ 26 1/2"  
2 - 2x2x8 @ 72"  
7 - 1x3x8 @ 26 1/2"  
2 - 1x3x8 @ 10"  
3 - 1x3x8 @ 2 1/2"  
4 - 1x3x8 @ 30"  
1 - 1x3x8 @ 17 11/16"  
6 - 1x3x6 full pieces

## **SKILL LEVEL :**

Beginner/Intermediate

## **PROJECT COST:**

\$127