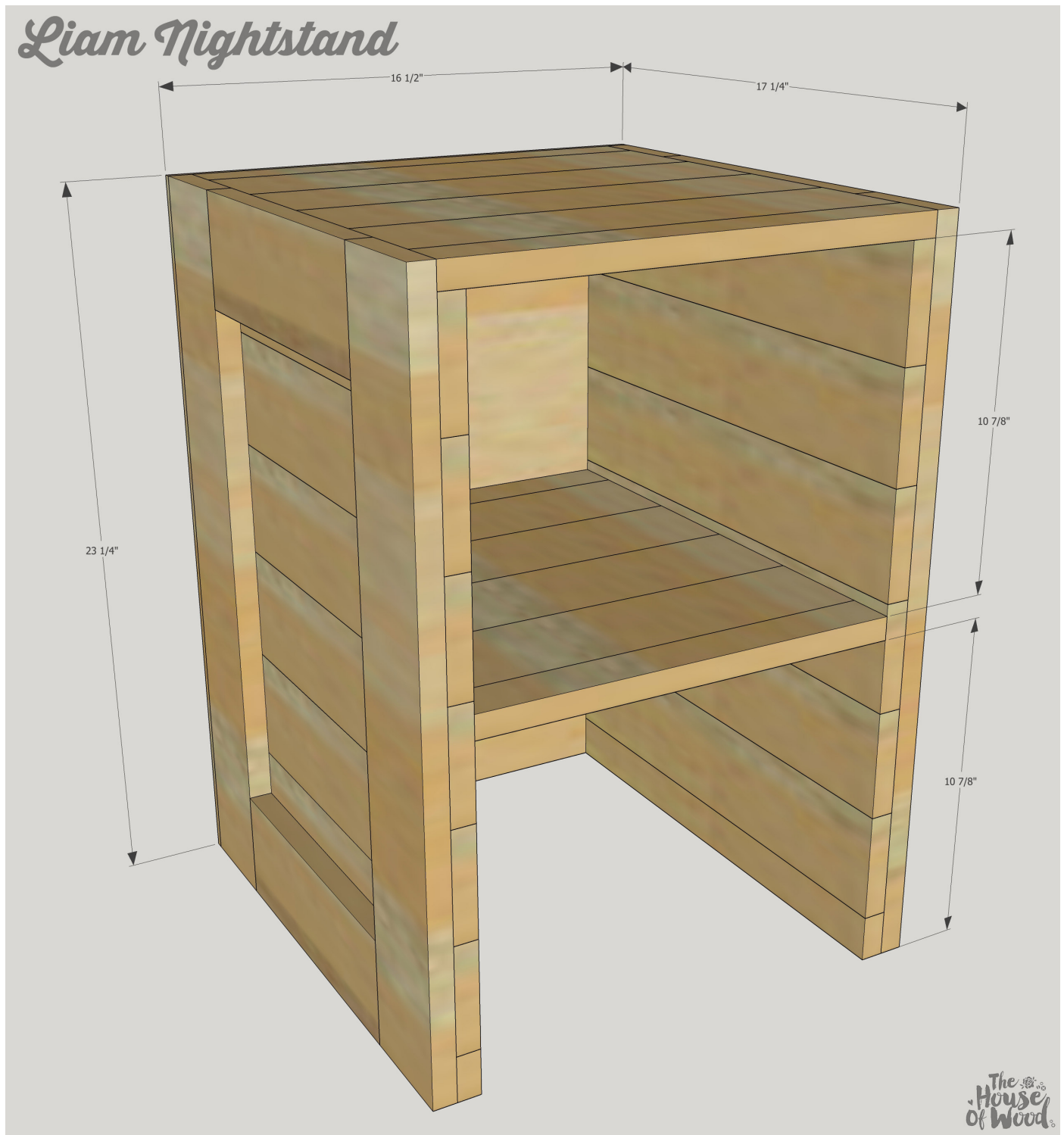


**MATERIALS:**

5 – 1x4x8'
 1 – 1x2x8'
 1 – Quarter Sheet of 1/4" Plywood
 1 1/4" Pocket Hole Screws
 1 1/4" Brad Nails
 3/4" Brad Nails or Staples
 Wood Glue

CUT LIST:

4 – 1x4 @ 23 1/4" (side stiles)
 4 – 1x4 @ 10" (side rails)
 12 – 1x4 @ 17" (side planks)
 2 – 1x2 @ 17" (side planks)
 2 – 1x2 @ 13 1/2" (shelf)
 4 – 1x4 @ 13 1/2" (shelf)
 2 – 1x2 @ 15" (top)

TOOLS:

Tape Measure

Pencil

Speed Square

Circular Saw

Cordless Drill

Pocket Hole Jig

Brad Nailer

Stapler

Safety Glasses

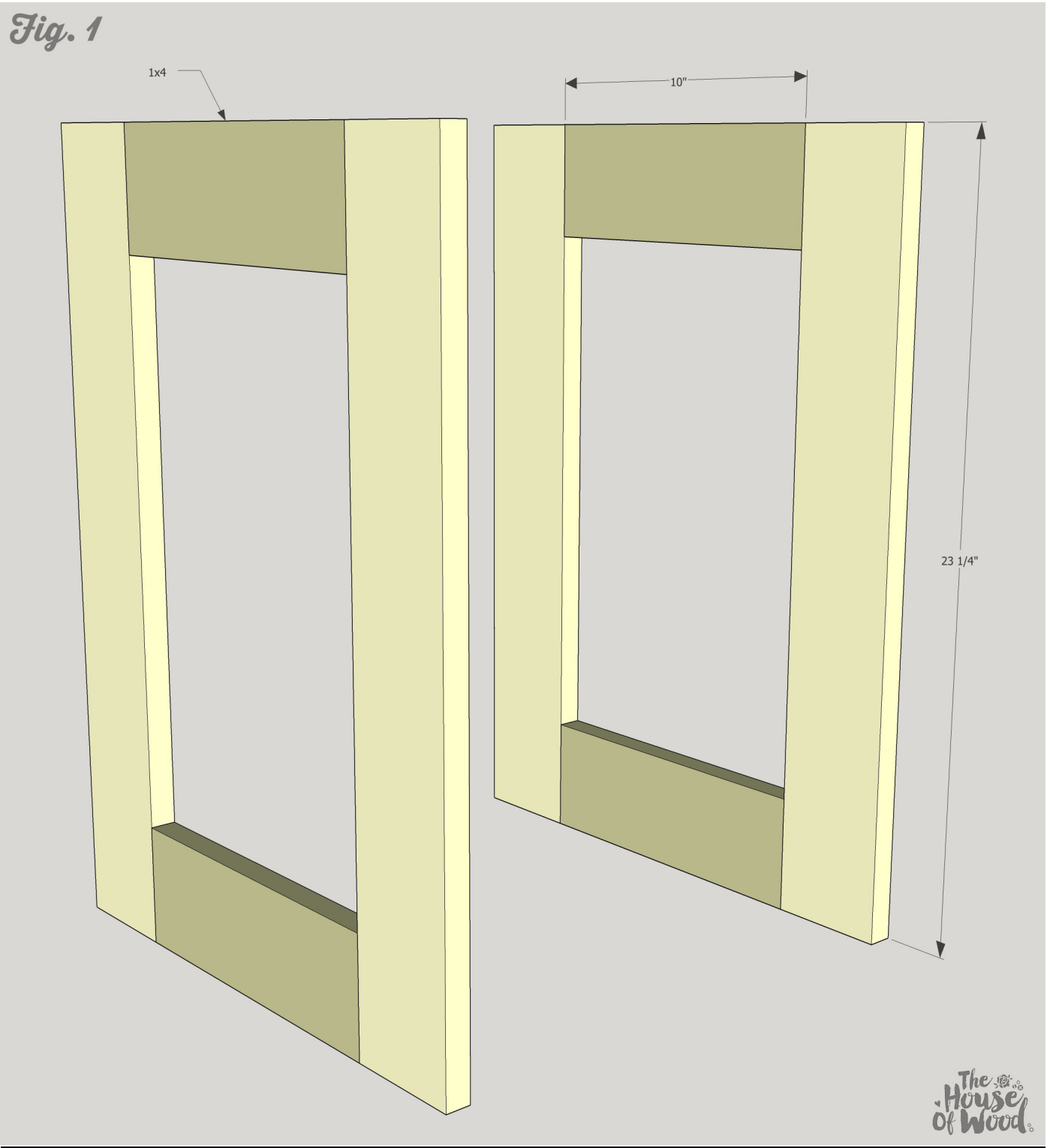
Hearing Protection

4 – 1x4 @ 15" (top)

1 – ¼" plywood @ 23 ¼" x 16 ½" (back)

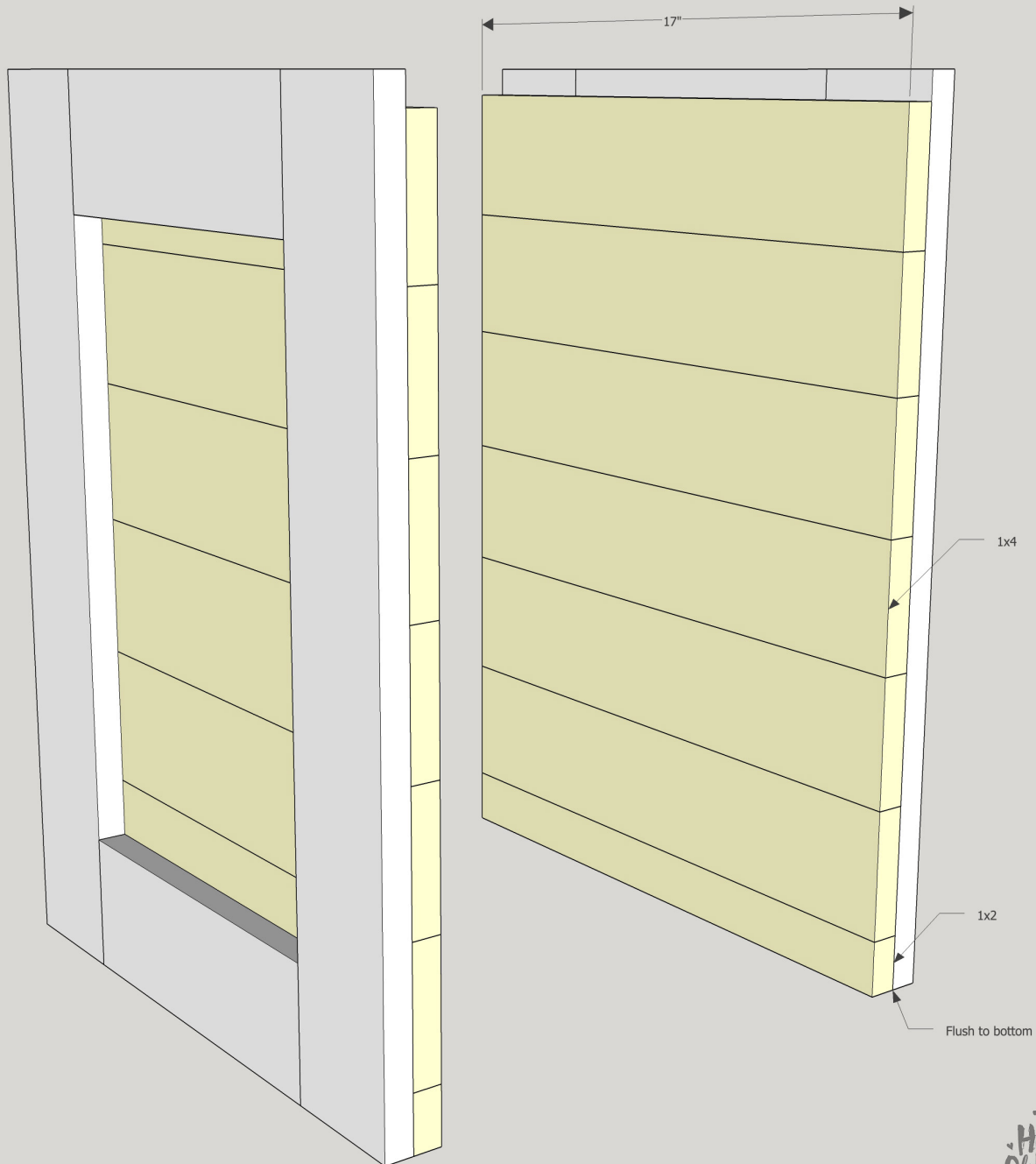
STEP 1

Build the two sides. Drill $\frac{3}{4}$ " pocket holes into the 1x4 rails and attach it to the 1x4 stiles with 1 $\frac{1}{4}$ " pocket hole screws and wood glue.



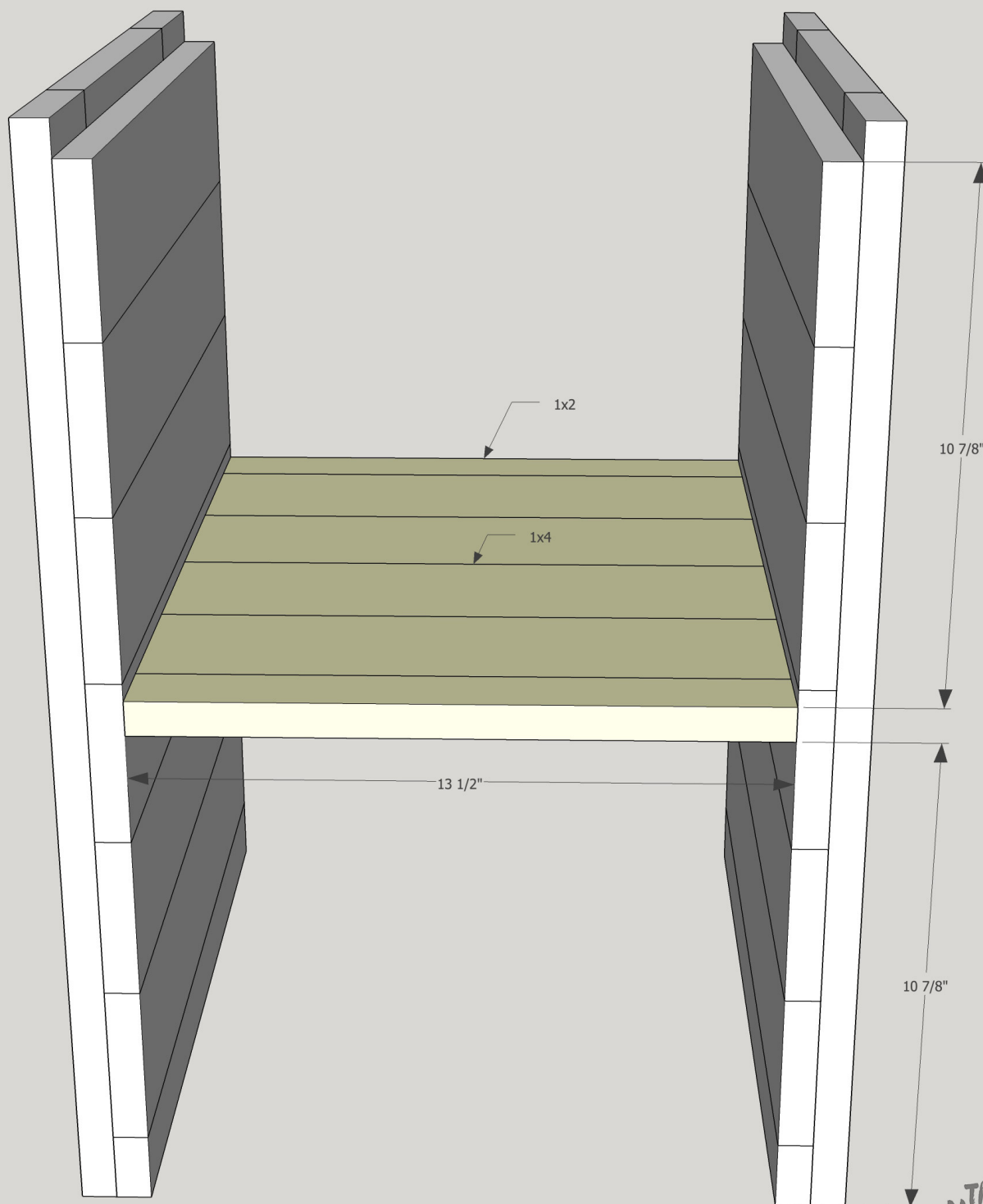
STEP 2:

Plank the sides. Attach the 1x2s and 1x4s to the sides with 1 ¼" brad nails and wood glue. Notice that the boards are flush to the bottom, which will leave a ¾" inset at the top.

Fig. 2

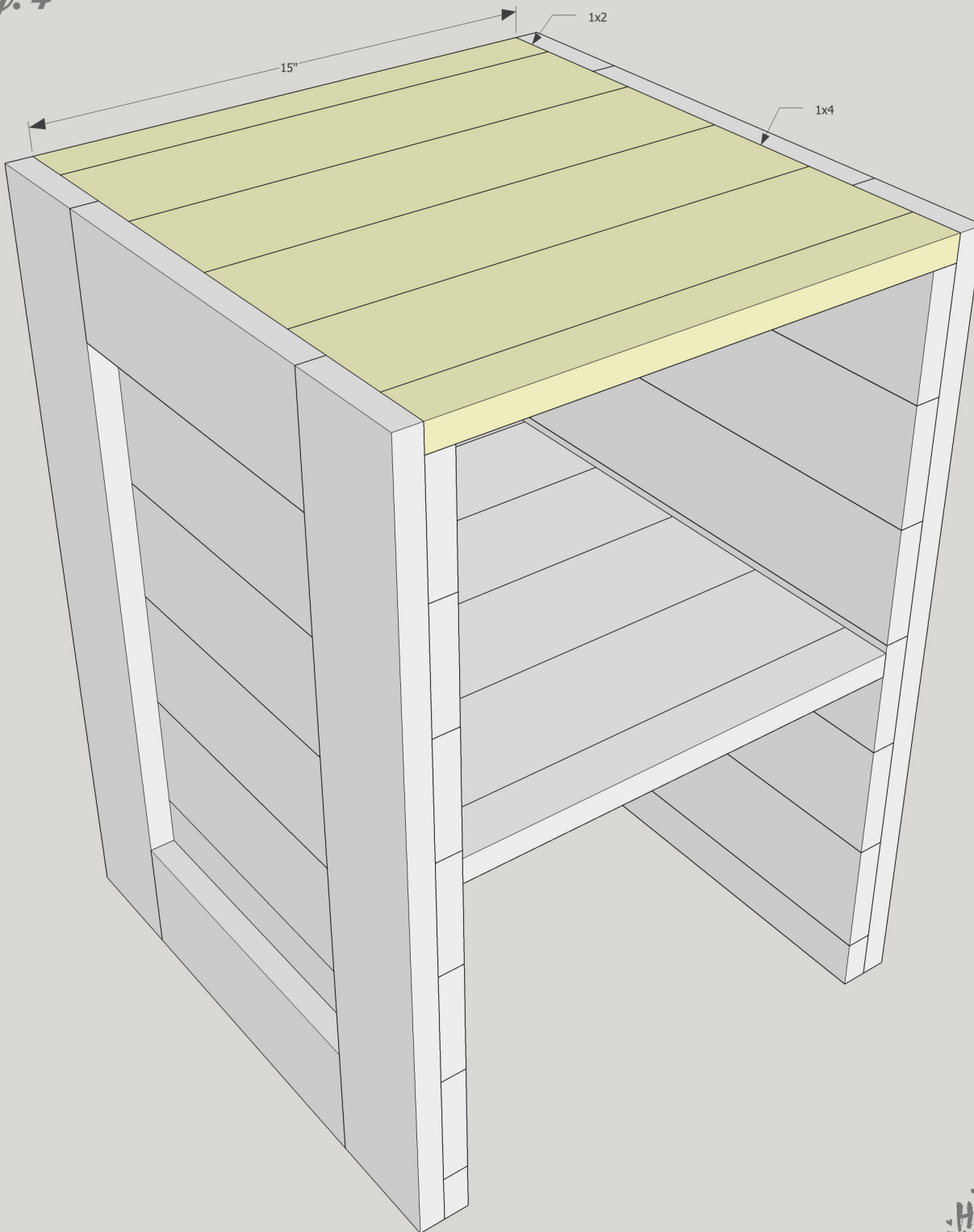
STEP 3:

Add the shelf. First, construct the shelf by planking the boards together. Drill $\frac{3}{4}$ " pocket holes into the edges and ends of the shelf boards and join with $1\frac{1}{4}$ " pocket hole screws and wood glue. Next, attach the constructed shelf to the side panels with $1\frac{1}{4}$ " pocket hole screws and wood glue. Alternately, you can use a shelf pin drilling jig to make the shelf adjustable.

Fig. 3

STEP 4:

Add the top. Once again, construct the top by planking the boards together and drilling $\frac{3}{4}$ " pocket holes into the edges and ends of the boards. Join them together with $1\frac{1}{4}$ " pocket hole screws and wood glue. Attach the top to the carcass with $1\frac{1}{4}$ " pocket hole screws and wood glue.

Fig. 4

STEP 5:

Attach the back panel with $\frac{3}{4}$ " brad nails or staples and wood glue.

Fig. 5