

CHELSEA NIGHTSTAND by Jen Woodhouse



MATERIALS:

2 – 2x2x8'
 1 – Half Sheet of $\frac{3}{4}$ " Plywood
 3 – 1x2x8'
 2 – 1x4x8'
 25 $\frac{1}{4}$ " of 1x6'
 1 – Half Sheet of $\frac{1}{4}$ " Plywood
 6' of $\frac{3}{4}$ " Cove Moulding
 4 – Furniture Feet
 4 – Metal Corner Brackets
 2 – Drawer Knobs
 1 – Set of 14" Drawer Slides
 1 $\frac{1}{4}$ " Pocket Hole Screws
 1 $\frac{1}{4}$ " Wood Screws
 1" Brad Nails
 Wood Glue
 Iron-On $\frac{3}{4}$ " Edge Banding

CUT LIST:

4 – 2x2 @ 24 $\frac{1}{4}$ " (legs)
 2 – $\frac{3}{4}$ " plywood @ 13 $\frac{1}{2}$ " x 5 $\frac{3}{4}$ " (side panels)
 6 – 1x2 @ 13 $\frac{1}{2}$ " (rails)
 1 – $\frac{3}{4}$ " plywood @ 25 $\frac{1}{2}$ " x 5 $\frac{3}{4}$ " (back panel)
 6 – 1x2 @ 25 $\frac{1}{2}$ " (rails)
 1 – $\frac{3}{4}$ " plywood @ 28 $\frac{1}{2}$ " x 16 $\frac{1}{2}$ " (bottom shelf)
 1 – $\frac{3}{4}$ " plywood @ 30" x 18" (top)
 1 – $\frac{3}{4}$ " cove moulding @ 30"
 2 – $\frac{3}{4}$ " cove moulding @ 17 $\frac{1}{4}$ "

DRAWER:

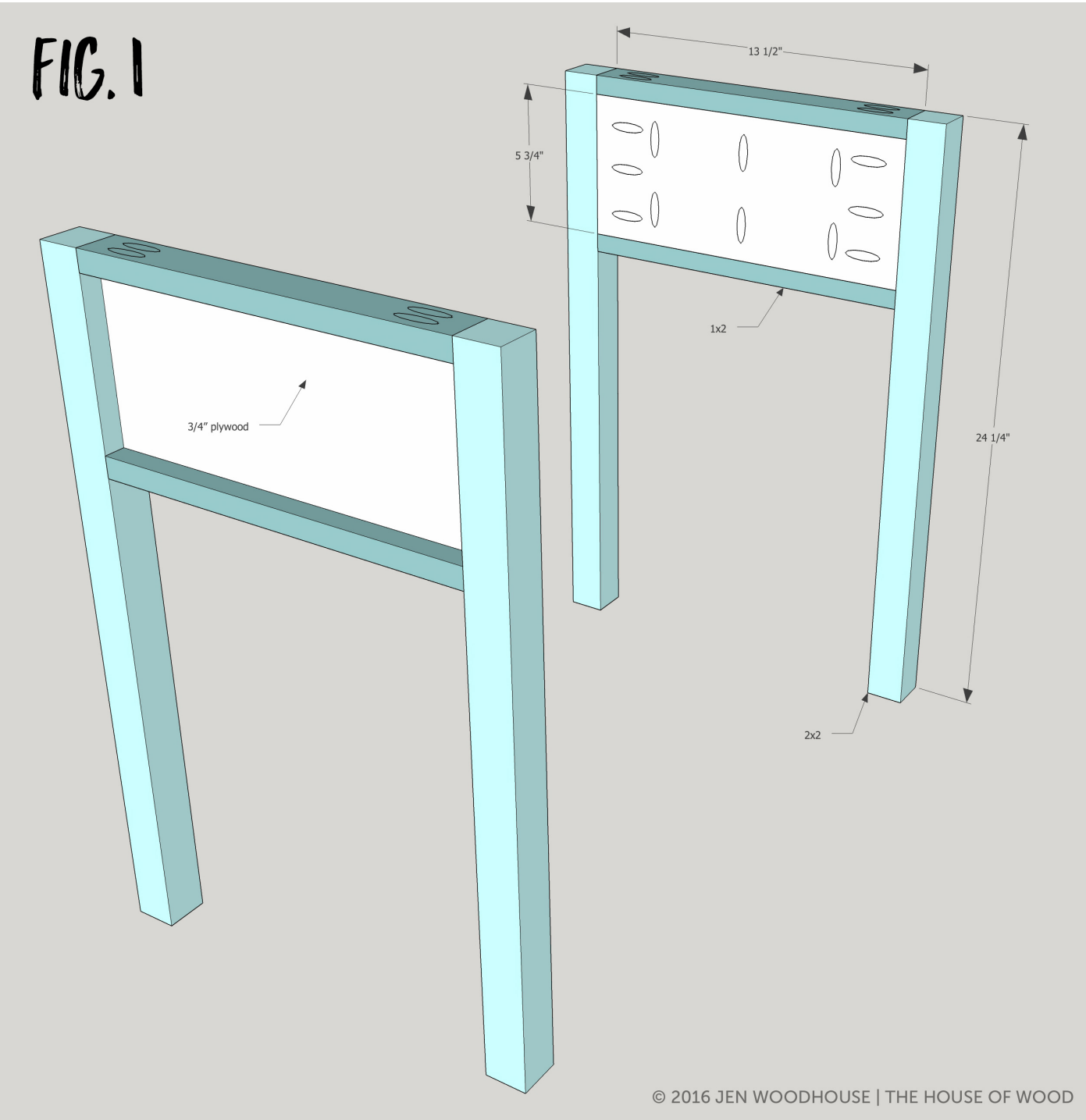
2 – 1x4 @ 23" (front/back)
 2 – 1x4 @ 14 $\frac{1}{4}$ " (sides)
 1 – $\frac{1}{4}$ " plywood @ 24 $\frac{1}{2}$ " x 14 $\frac{1}{4}$ " (bottom)
 1 – 1x6 @ 25 $\frac{1}{4}$ " (face)

TOOLS:

Tape Measure	Speed Square	Pencil	Drill with Countersink Drill Bit
Table Saw	Miter Saw	Jig Saw	Kreg Jig
Brad Nailer	Safety Glasses	Clamps	Hearing Protection

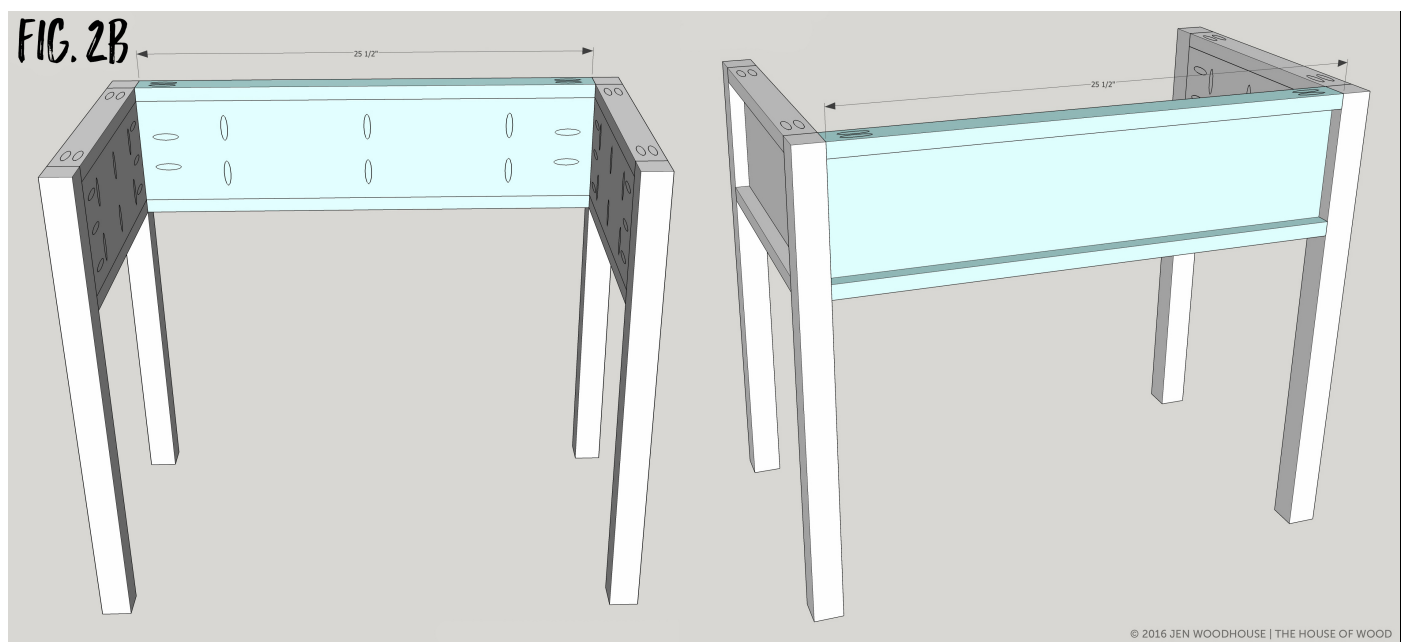
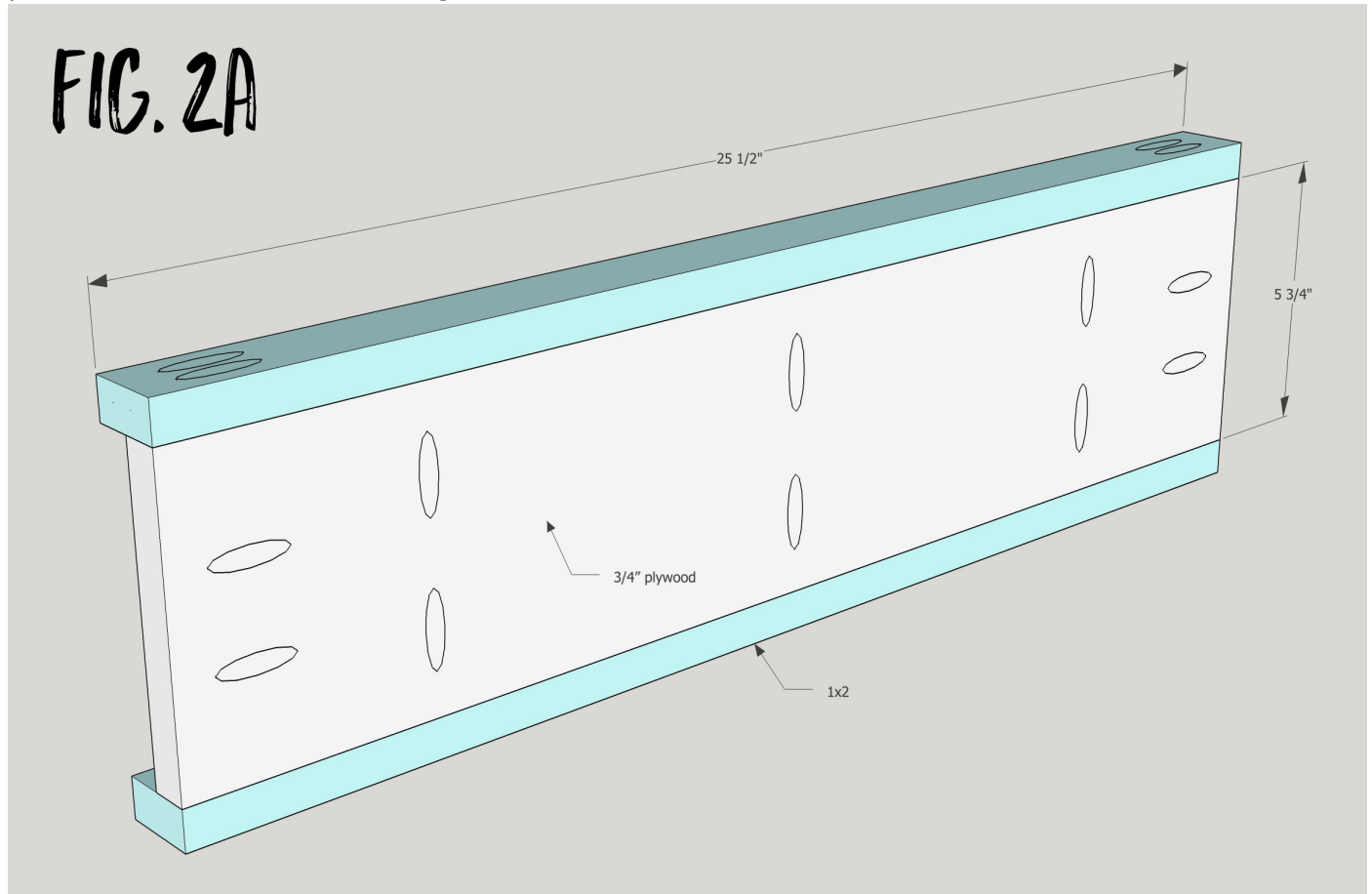
STEP 1

Build the sides. Drill $\frac{3}{4}$ " pocket holes as shown and construct with $1\frac{1}{4}$ " pocket hole screws and wood glue. Notice that the plywood side panels are flush to the interior.



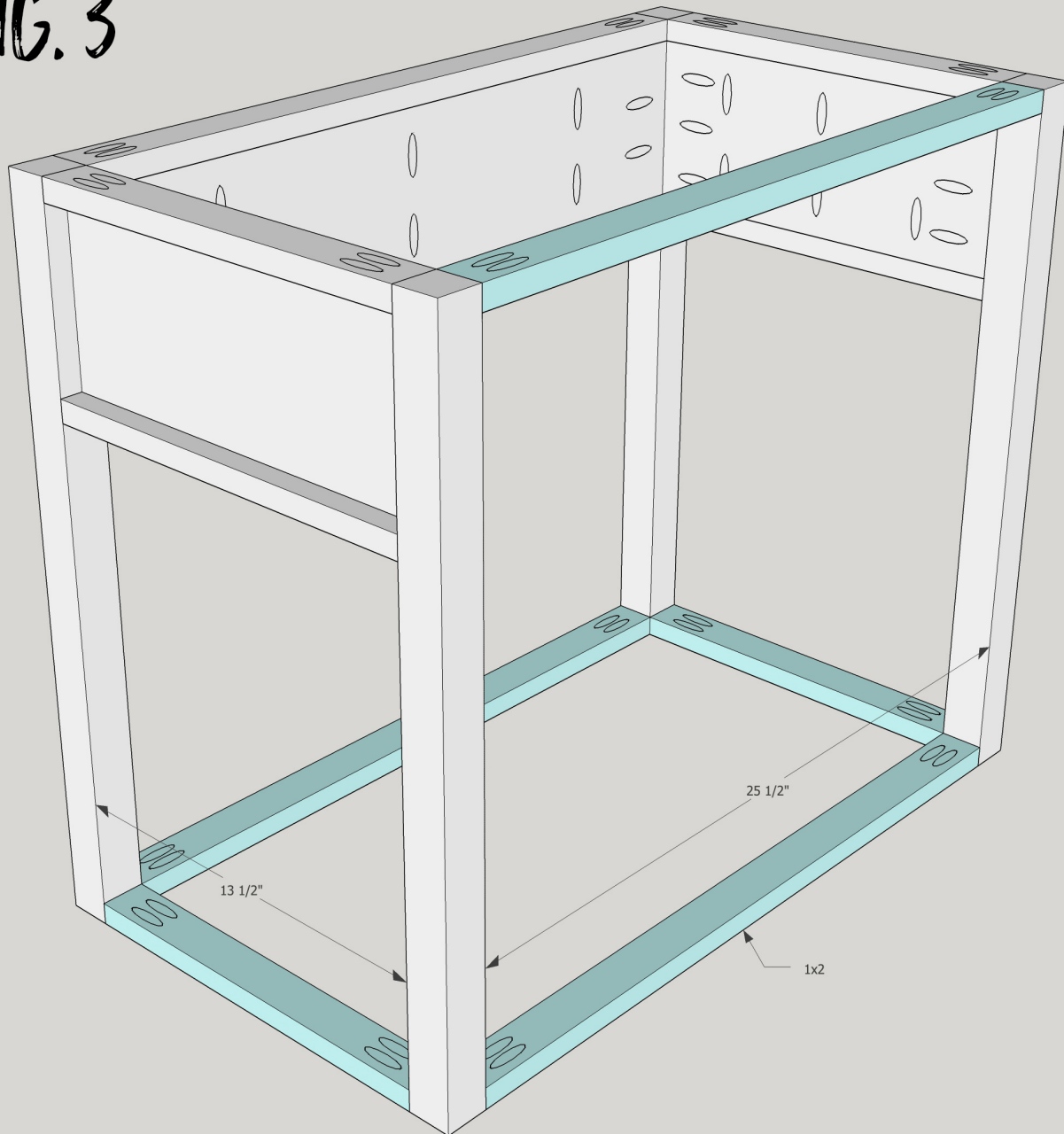
STEP 2

Build the back panel. Drill $\frac{3}{4}$ " pocket holes as shown and attach 1x2 rails with $1\frac{1}{4}$ " pocket hole screws and wood glue. Next, construct carcass by attaching back panel to sides with $1\frac{1}{4}$ " pocket hole screws and wood glue.



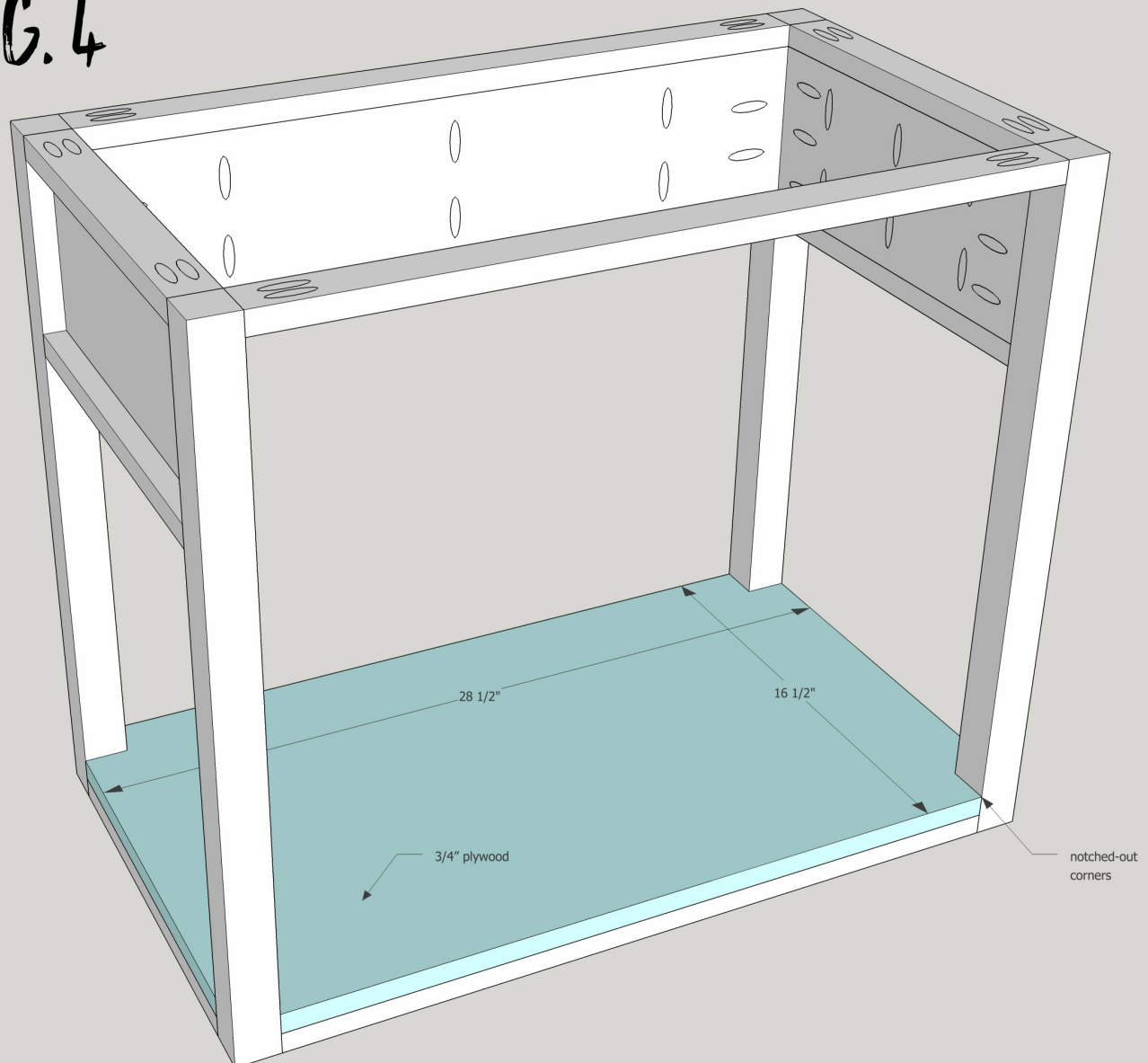
STEP 3

Drill $\frac{3}{4}$ " pocket holes into 1x2 rails as shown and attach to carcass with 1 $\frac{1}{4}$ " pocket hole screws and wood glue. Pre-drill pilot holes into the bottom rails to attach the bottom shelf in the next step.

FIG. 3

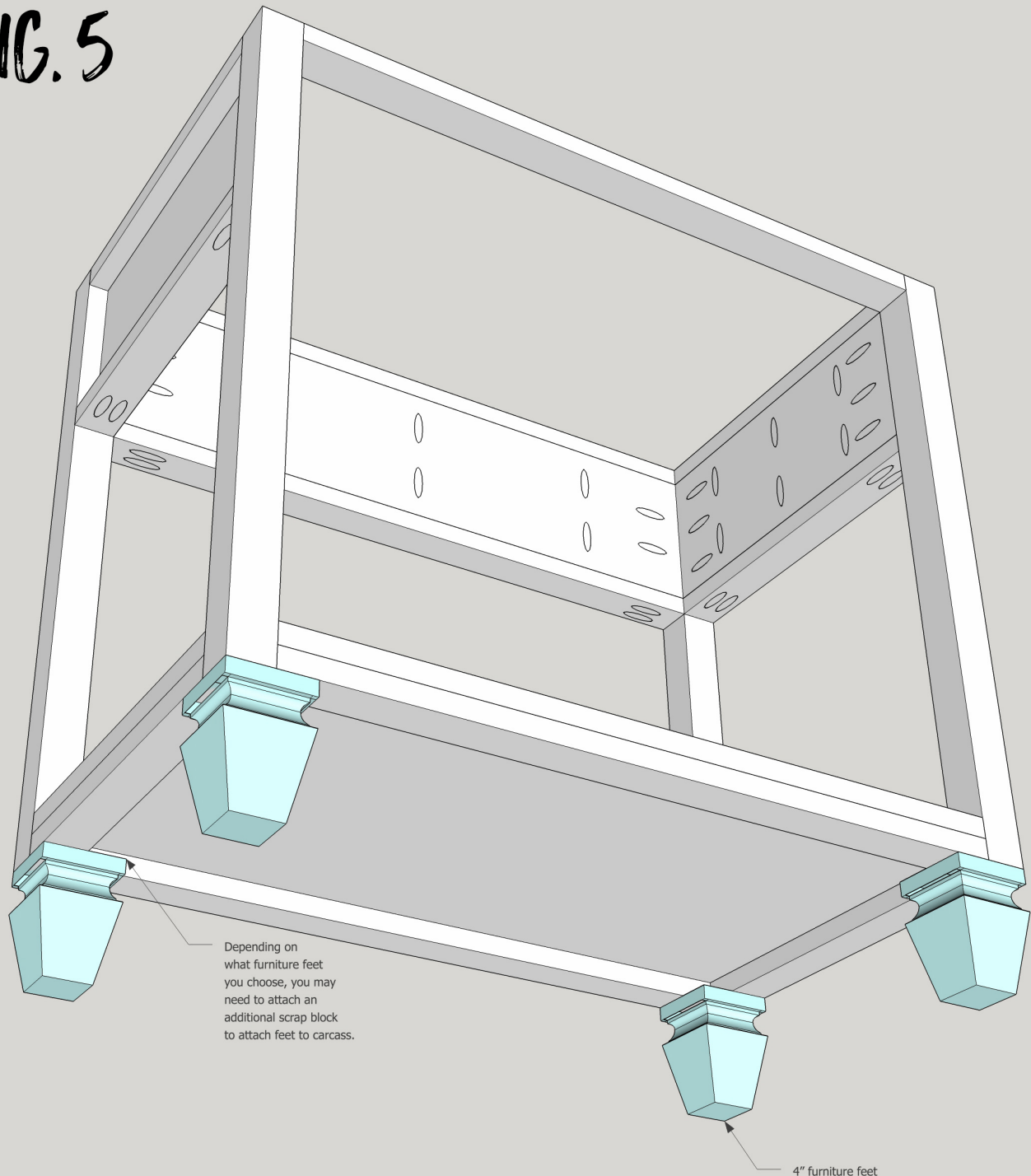
STEP 4

Notch out the corners of the $\frac{3}{4}$ " plywood bottom panel and drop into place. Attach to the bottom rails with 1 $\frac{1}{4}$ " countersunk wood screws driven from underneath. You may want to iron on $\frac{3}{4}$ " veneer edge banding to conceal raw plywood edges.

FIG. 4

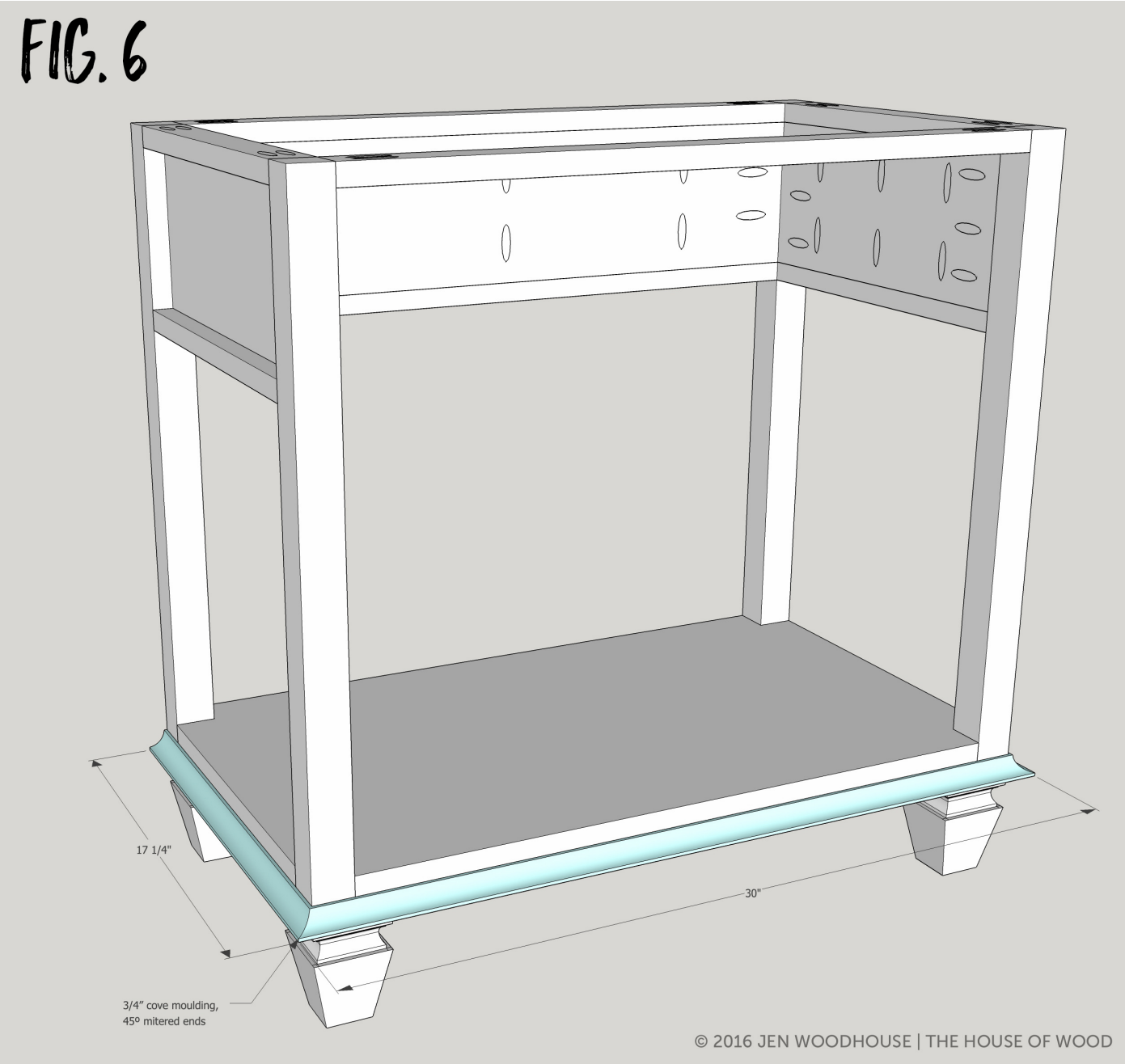
STEP 5

Attach metal corner brackets and screw in furniture feet. Depending on what feet you choose, you may need to attach an additional scrap block to attach the brackets to the carcass.

FIG. 5

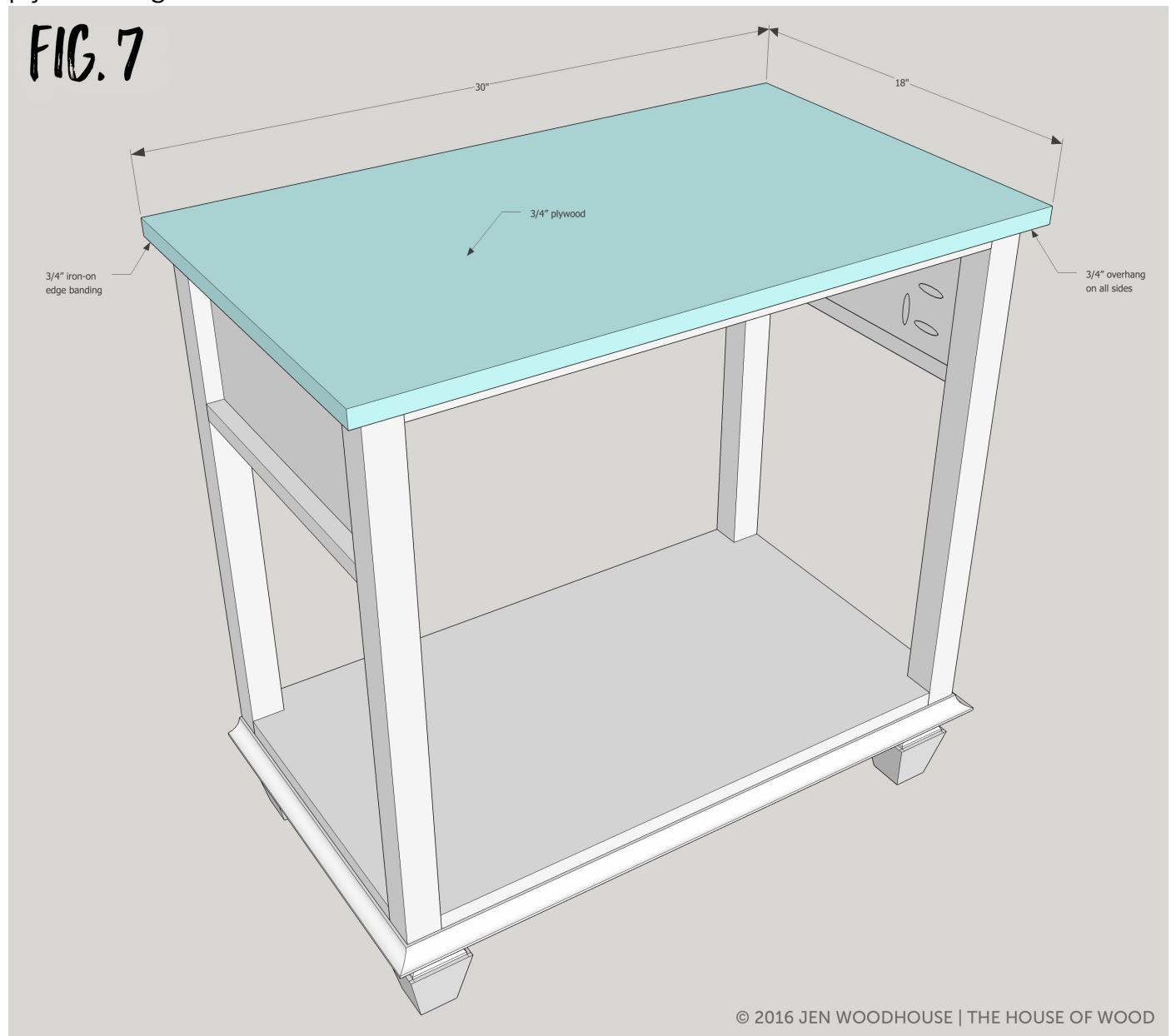
STEP 6

Measure, mark, and cut cove moulding to fit and attach to carcass with 1" brad nails and wood glue.



STEP 7

Pre-drill pilot holes into rails and attach top with 1 ¼" countersunk wood screws and wood glue, allowing for a ¾" overhang on all sides. Iron on ¾" veneer edge banding to conceal raw plywood edges.



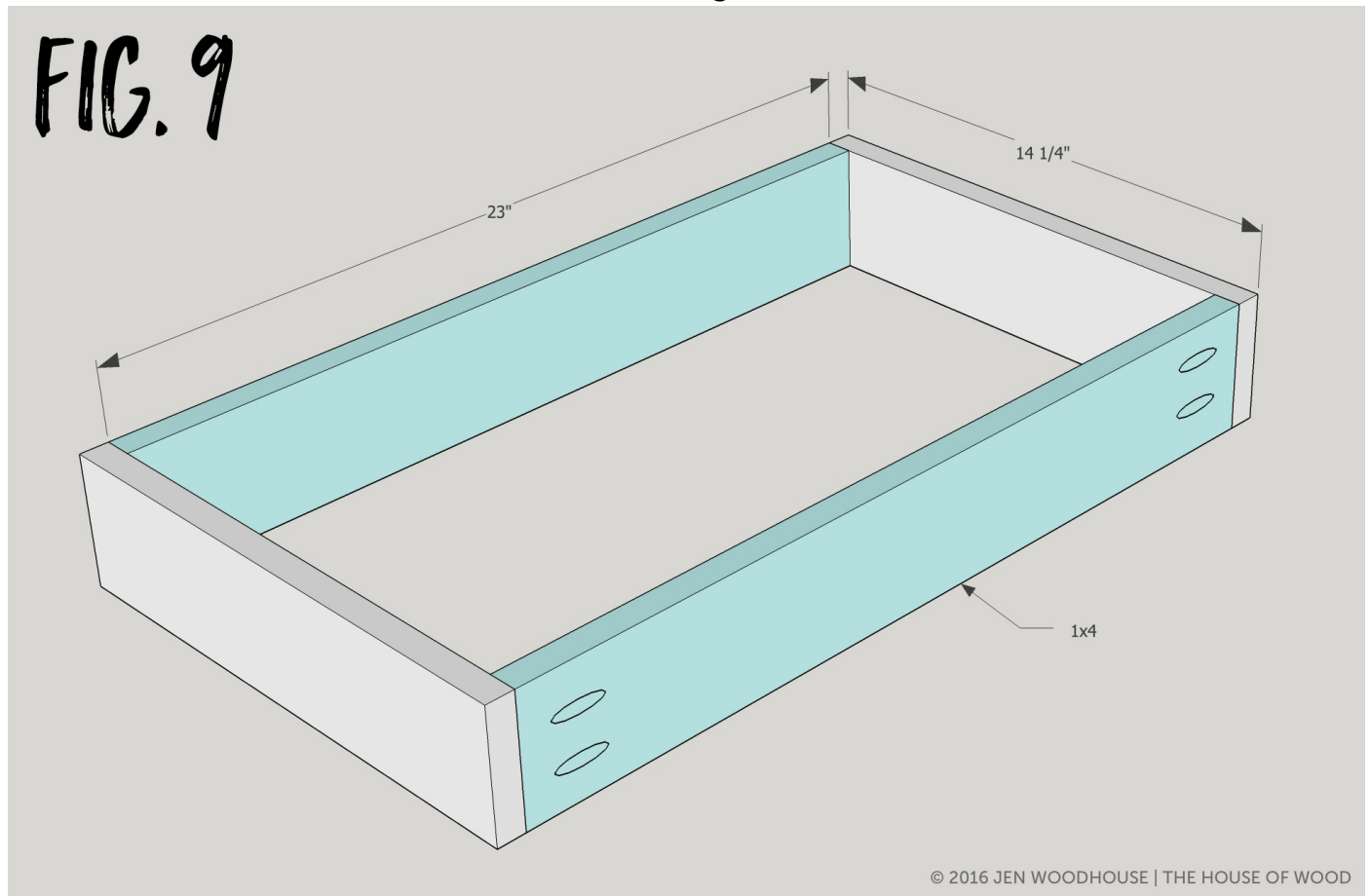
STEP 8

Drill $\frac{3}{4}$ " pocket holes into 1x2 rail and attach to carcass with 1 $\frac{1}{4}$ " pocket hole screws and wood glue.

FIG. 8

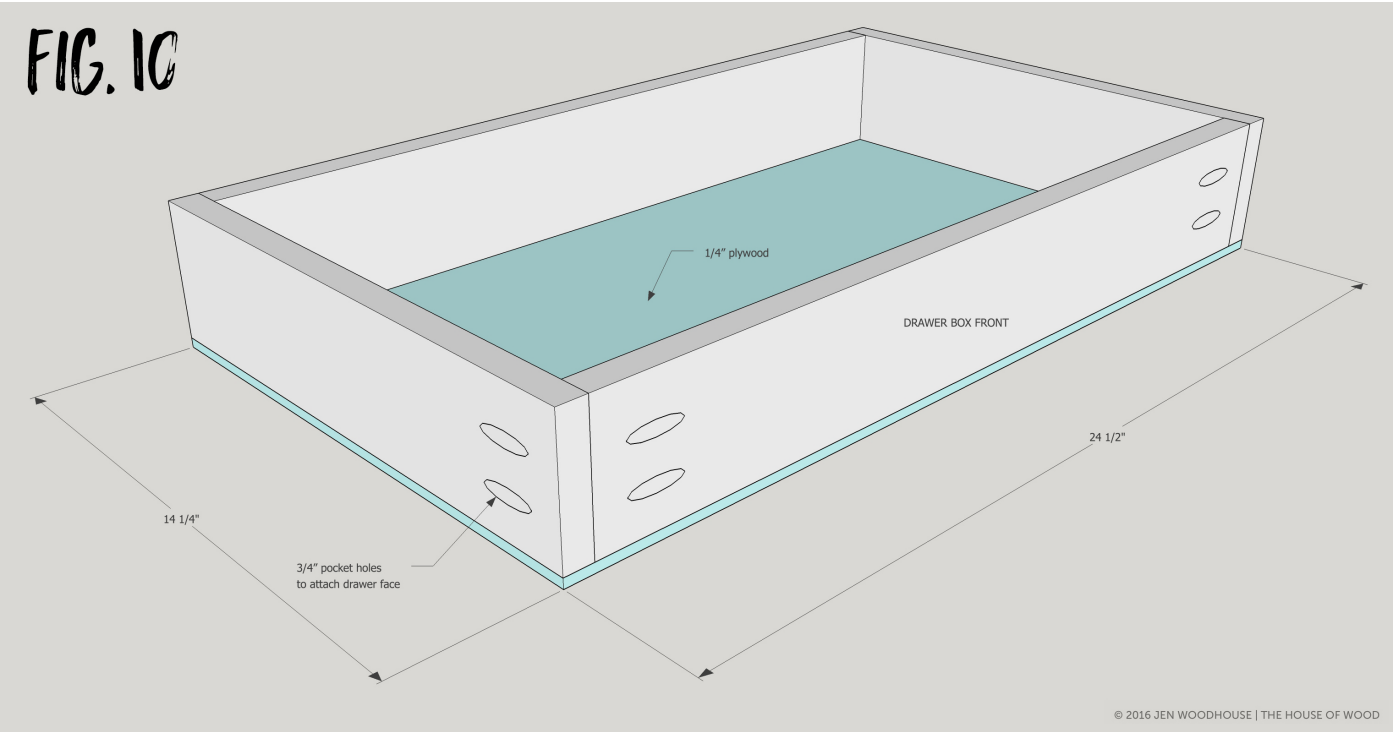
STEP 9

Build the drawer. Drill $\frac{3}{4}$ " pocket holes on the outside of the drawer front and back (pocket holes will be hidden by drawer face in Step 11), then construct the drawer box with $1\frac{1}{4}$ " pocket hole screws. Be sure to check for square. Additionally, drill $\frac{3}{4}$ " pocket holes into the sides, facing towards the front to attach the drawer face (see Fig. 10).



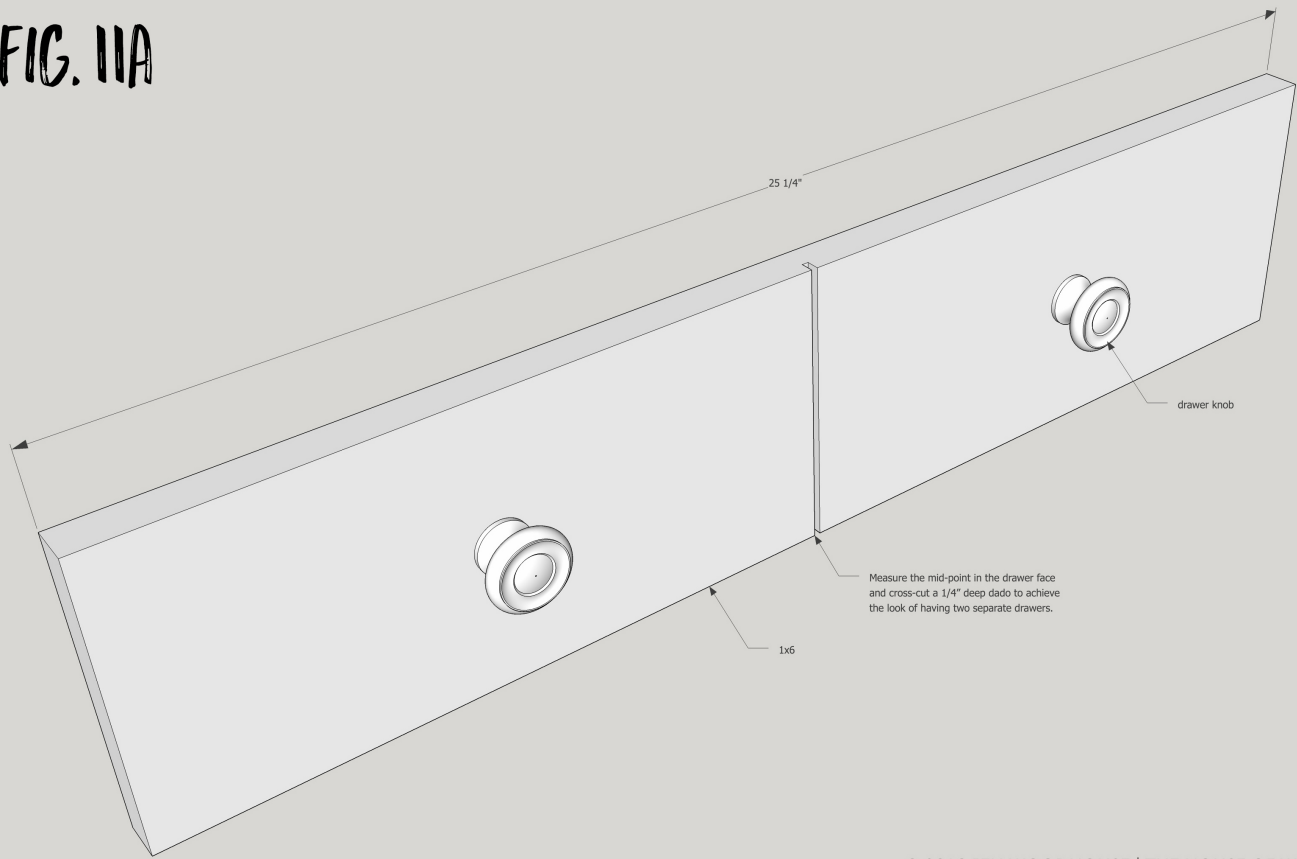
STEP 10

Attach the 1/4" plywood bottom with 1" brad nails and wood glue.

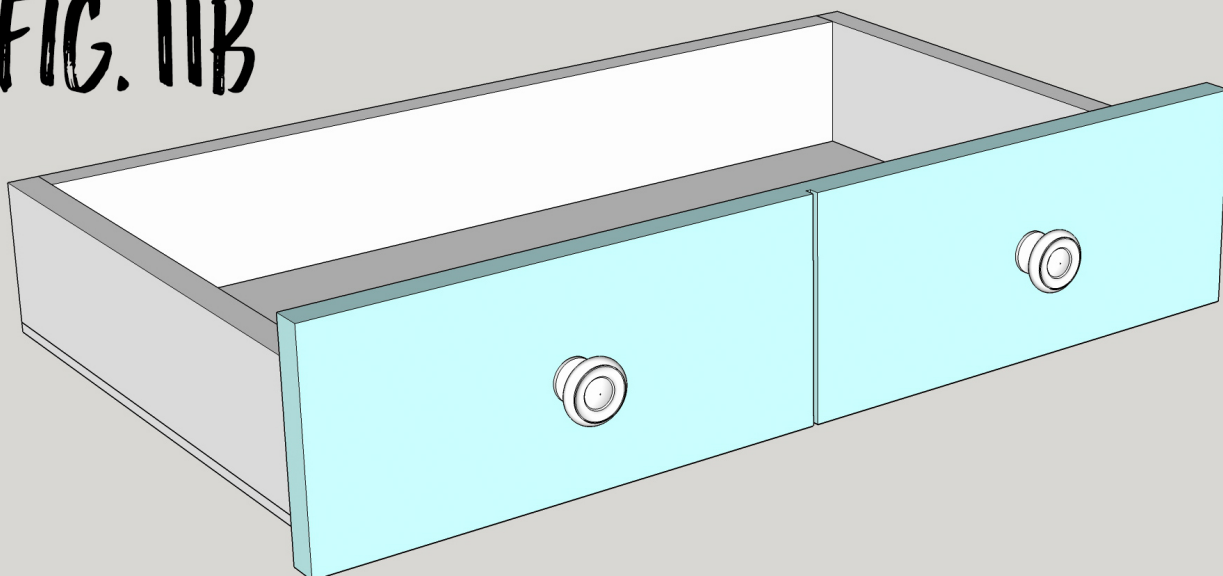


STEP 11

Find the mid-point in the 1x6 drawer front, then run the board through the table saw to cut a 1/4" deep dado. This will mimic the look of two separate drawer fronts. Alternately, you can make this cut with a circular saw, just be sure to adjust the depth of the blade so that the cut doesn't go all the way through the board. Attach drawer knobs to drawer face. You may need to countersink the screws on the inside so that the drawer face will sit flush onto the drawer box.

FIG. IIA

© 2016 JEN WOODHOUSE | THE HOUSE OF WOOD

FIG. IIB

© 2016 JEN WOODHOUSE | THE HOUSE OF WOOD

STEP 12

Install drawer slides according to manufacturer's directions, slide the drawer box into place, then position the drawer face with a 1/8" clearance around all sides. Clamp the drawer face onto drawer box, then attach it with 1 1/4" pocket hole screws.

FIG. 12