

CHEVRON STORAGE CABINET



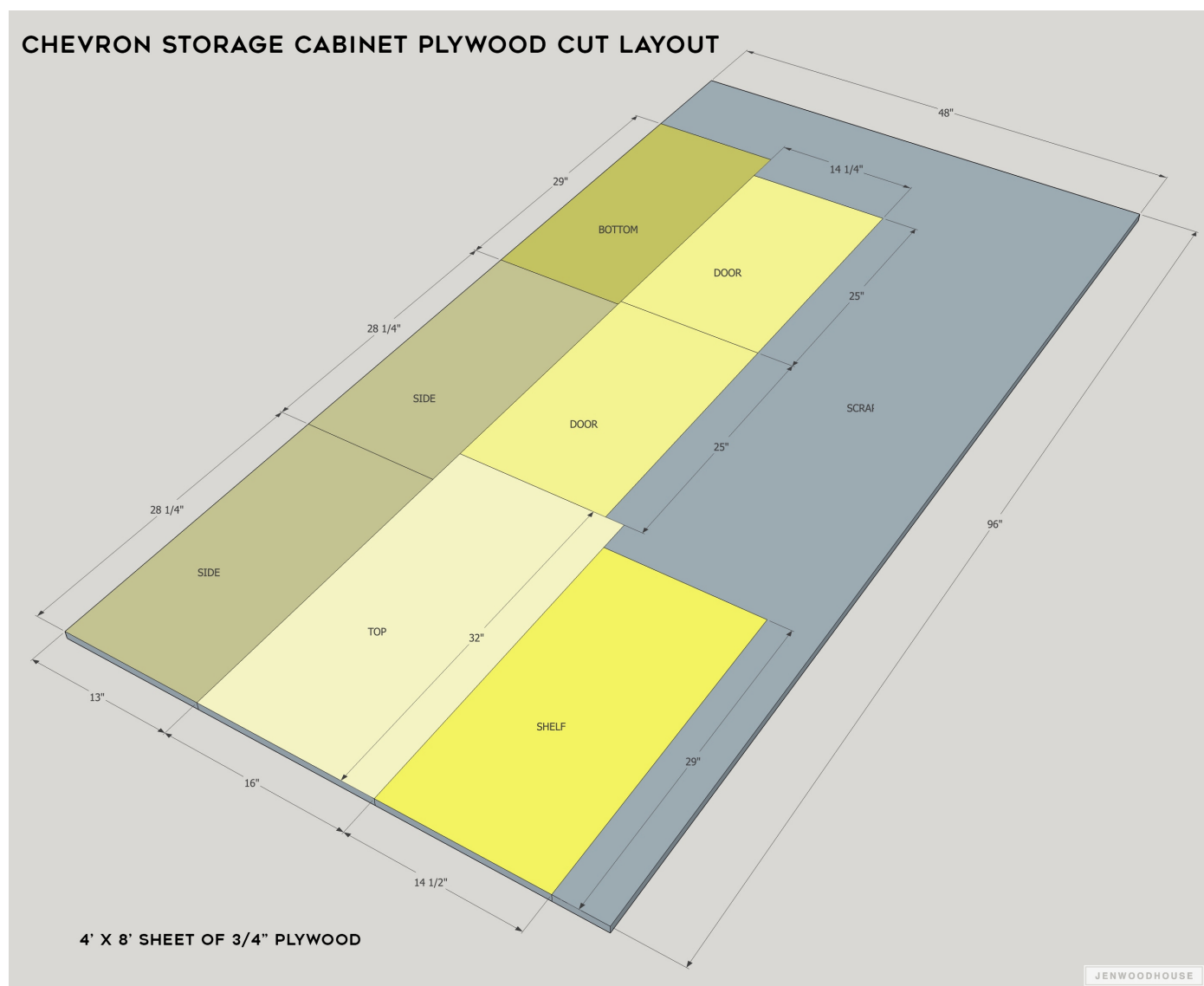
JENWOODHOUSE

MATERIALS:

- (1) 4 x 8 Ft. Sheet of $\frac{3}{4}$ -inch Plywood
- (3) 2 x 2 x 8 Ft. Boards
- (1) 4 x 4 Ft. Sheet of $\frac{1}{4}$ -inch Plywood
- 30 Feet of 1 $\frac{1}{2}$ -inch Lattice Boards
- 2 $\frac{1}{2}$ -inch and 1 $\frac{1}{4}$ -inch Pocket Screws
- 1-inch Brad Nails
- (4) Bi-Fold Door Hinges
- (2) Magnetic Catches
- (2) Cabinet Knobs
- Veneer Edge Banding
- Wood Glue
- Wood Filler

TOOLS:

- Tape Measure
- Pencil
- Carpenter's Square
- Drill/Driver
- Table Saw or Circular Saw
- Miter Saw
- Pocket Hole Jig
- Brad Nailer or Hammer
- Shelf Pin Jig (optional)
- Safety Glasses
- Hearing Protection
- Dust Mask

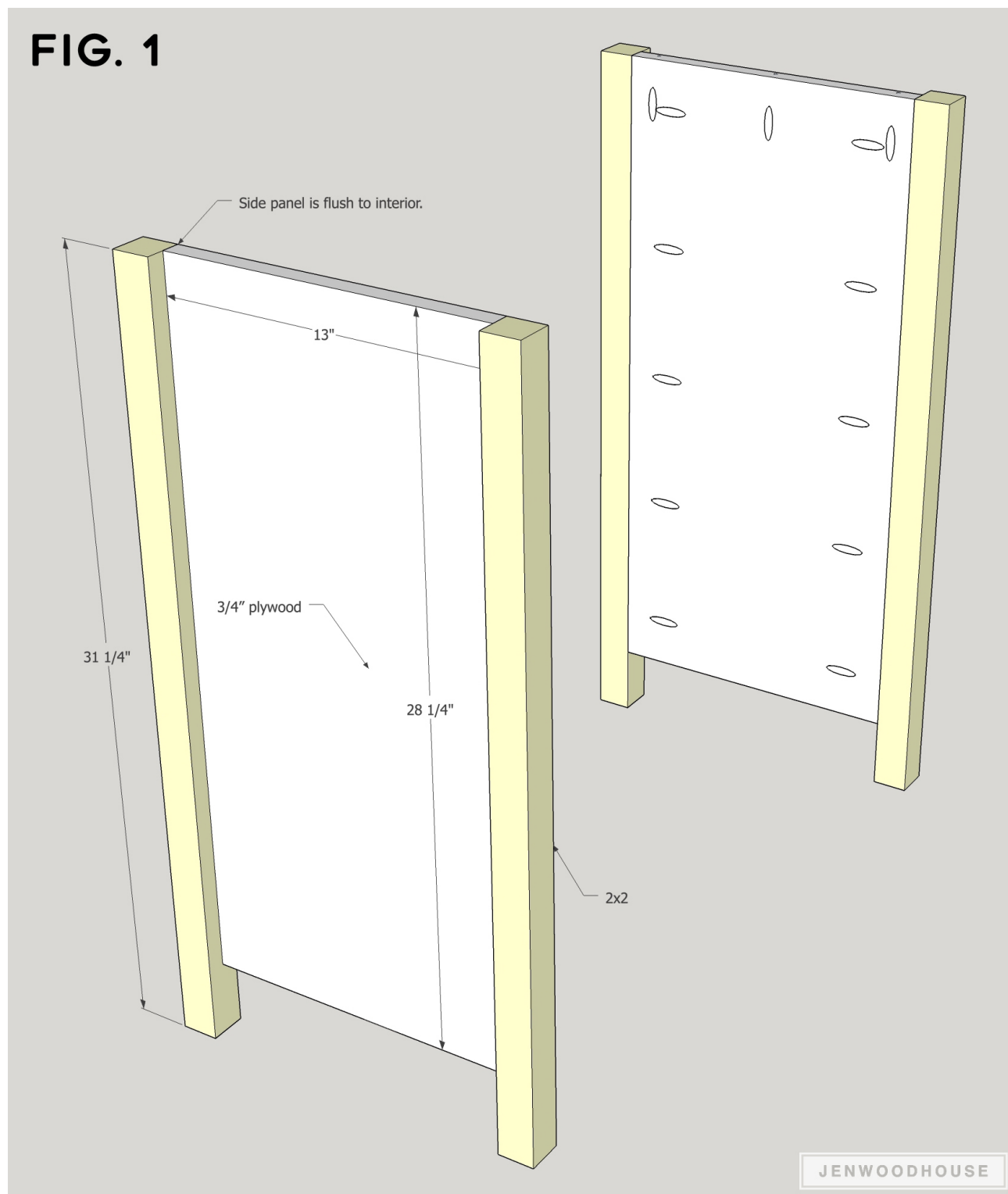
**CUT LIST:**

- (4) 2x2 @ 31 1/4 inches (legs)
- (2) 3/4-inch plywood @ 28 1/4 inches x 13 inches (sides)
- (4) 2x2 @ 29 inches (aprons)
- (1) 3/4-inch plywood @ 29 inches x 13 inches (bottom)
- (1) 3/4-inch plywood @ 29 inches x 14 1/2 inches (shelf)
- (1) 3/4-inch plywood @ 32 inches x 16 inches (top)
- (2) 3/4-inch plywood @ 25 inches x 14 1/4 inches (doors)
- (1) 1/4-inch plywood @ 32 inches x 28 1/4 inches (back)
- (4) lattice @ 25 inches (stiles)
- (6) lattice @ 11 1/4 inches (rails)

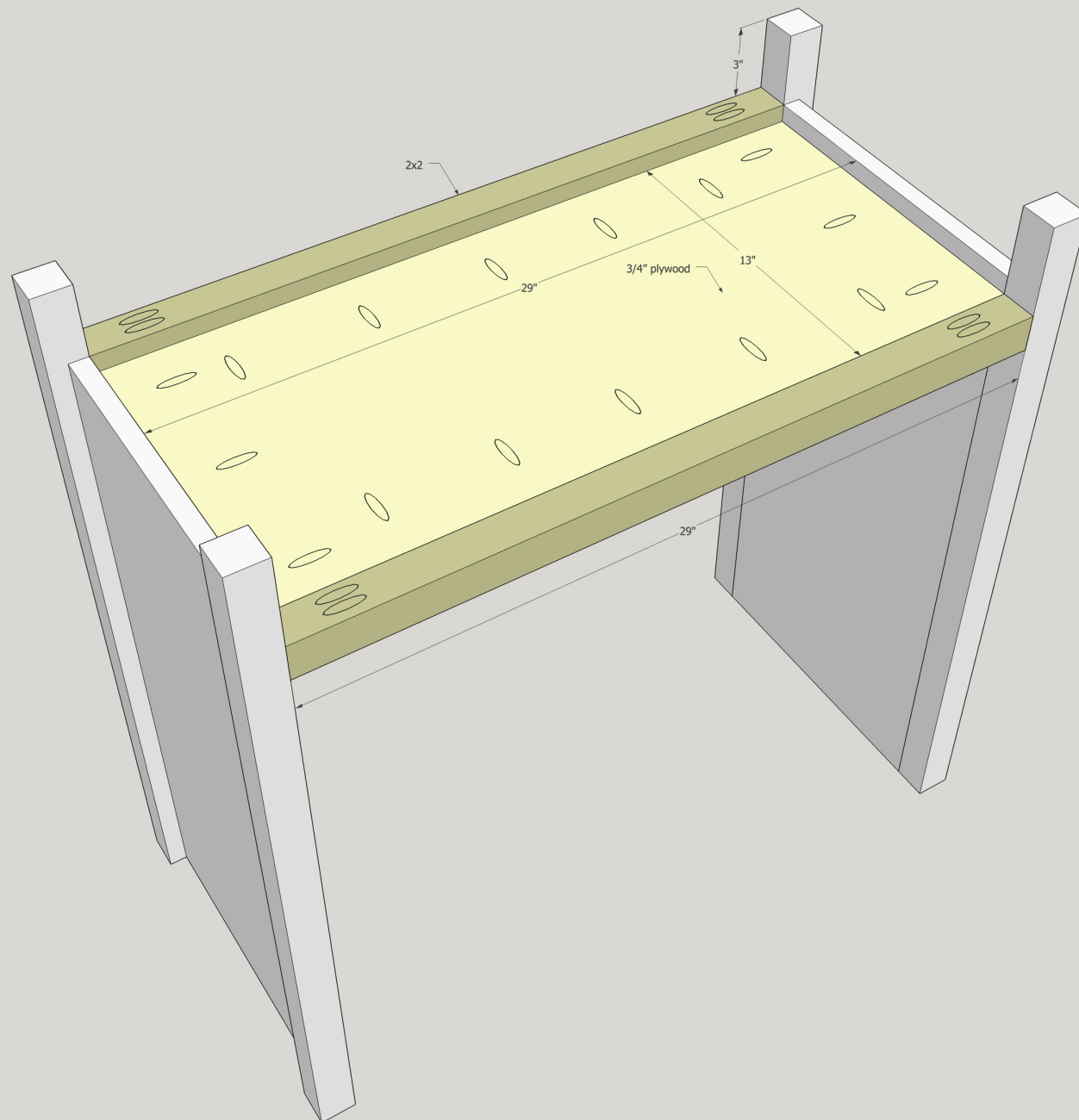
**Decorative angled chevron pieces are all cut at a 45° angle, not parallel. Measurements are from longest points. See diagram for dimensions.*

- (4) lattice @ 15 11/64 inches
- (4) lattice @ 11 13/32 inches
- (4) lattice @ 10 inches
- (4) lattice @ 5 13/32 inches

- (4) lattice @ 4 inches

FIG. 1**STEP 1**

Measure, mark, and cut 2x2 legs and 3/4-inch plywood side panels to size. Drill 3/4-inch pocket holes into side panels as shown. Attach side panels to legs with 1 1/4-inch pocket screws and wood glue. Notice that the side panels are flush to the interior.

FIG. 2

JENWOODHOUSE

STEP 2

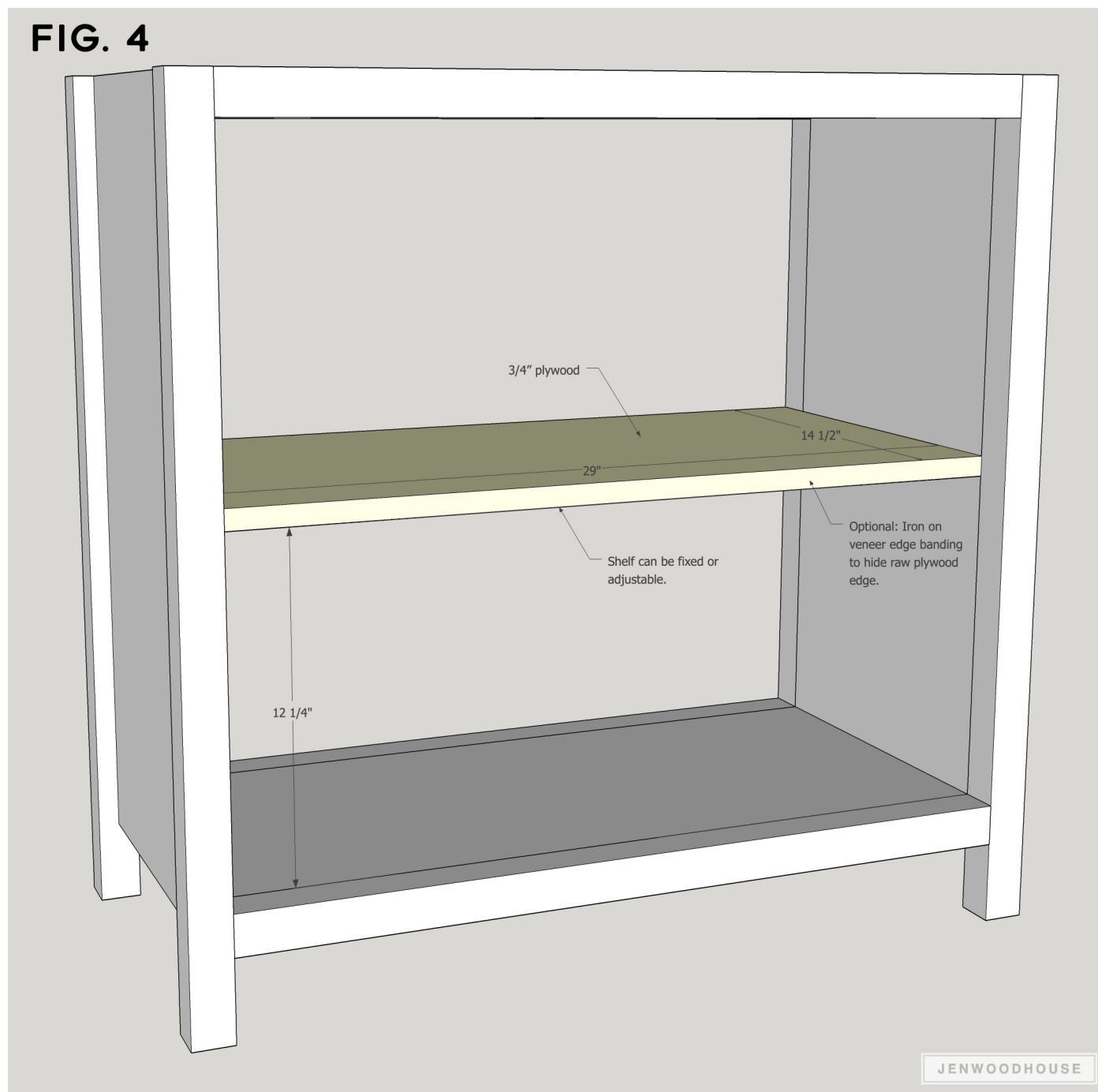
Above, Figure 2 shows the cabinet upside down. Measure, mark, and cut 2x2 aprons and 3/4-inch plywood bottom panel to size. Drill 3/4-inch pocket holes around all four edges of the plywood and drill 1 1/2-inch pocket holes into the ends of the 2x2 aprons. Attach the plywood to the aprons with 1 1/4-inch pocket screws and wood glue. Attach the constructed bottom to the two sides – use 1 1/4-inch pocket screws for the plywood panel and 2 1/2-inch pocket screws for the 2x2 aprons.

FIG. 3

JENWOODHOUSE

STEP 3

Measure, mark, and cut 2x2 aprons to length. Drill 1 ½-inch pocket holes into the ends, flip the cabinet right side up, and attach the 2x2 aprons to the legs with 2 ½-inch pocket screws and wood glue.

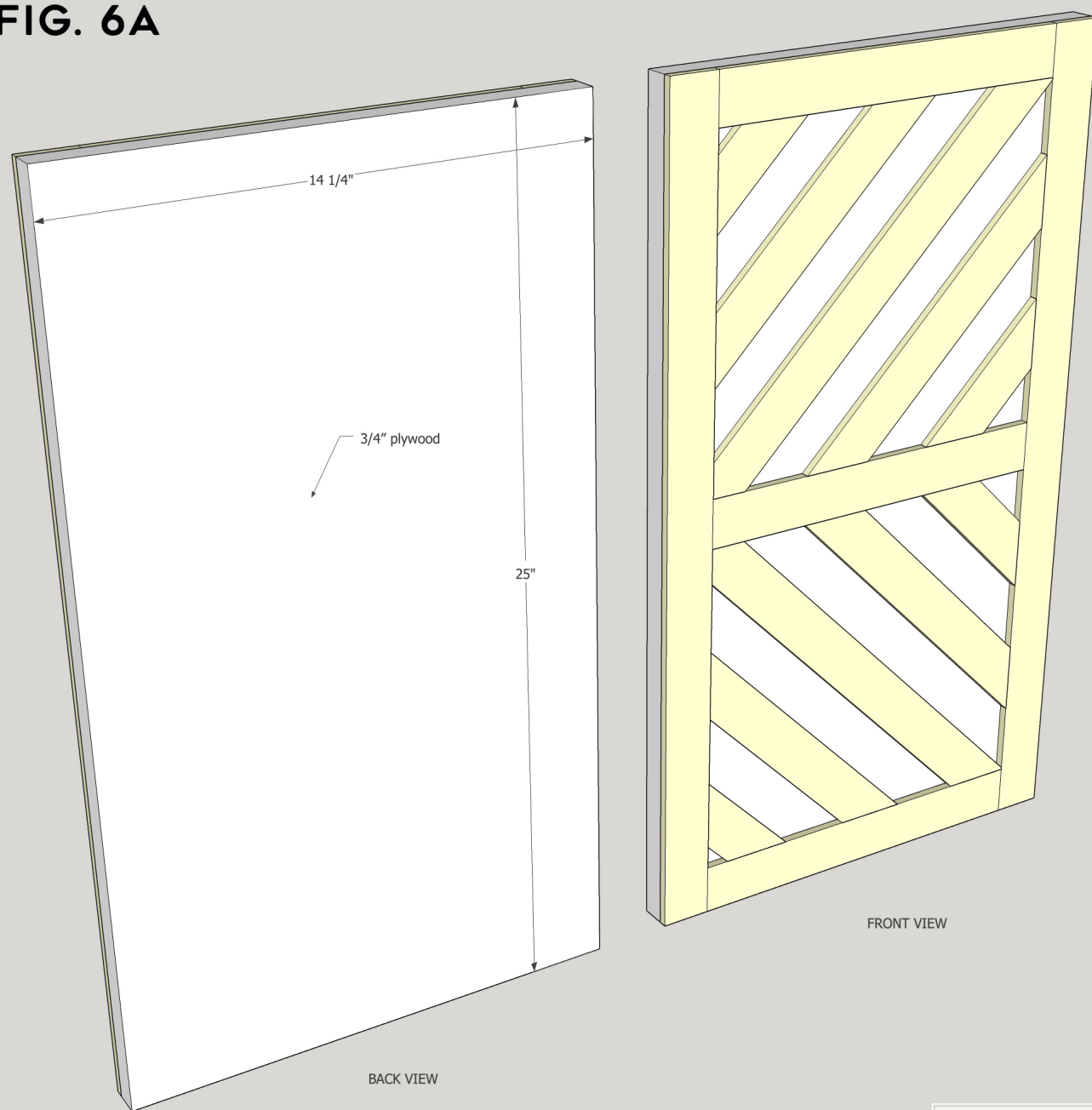
FIG. 4**STEP 4**

Measure, mark, and cut 3/4-inch plywood shelf to size. If you'd like to attach the shelf in a fixed position, attach with 3/4-inch pocket holes and 1 1/4-inch pocket screws and wood glue. If you'd like to make this shelf adjustable, use a shelf pin jig to drill shelf pin holes into the cabinet. *Optional: iron on veneer edge banding to the front edge of the shelf to hide the raw plywood edges.*

FIG. 5**STEP 5**

Measure, mark, and cut $\frac{3}{4}$ -inch plywood top to size. Attach top with 1 $\frac{1}{4}$ -inch pocket screws and wood glue driven from underneath. If you'd like to have a slight overhang on the top, make the top a bit bigger.

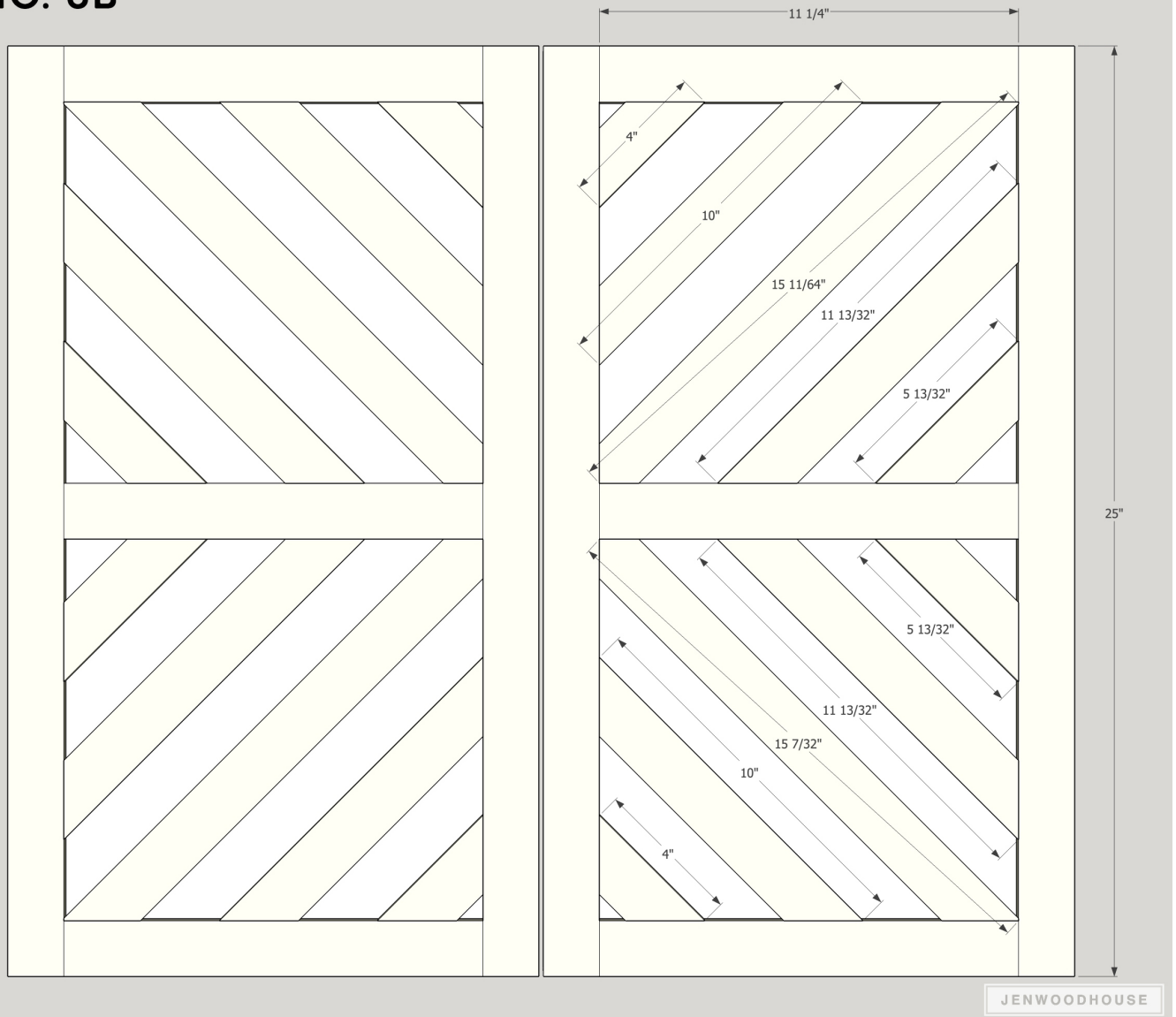
Optional: iron on veneer edge banding to hide raw plywood edges.

FIG. 6A

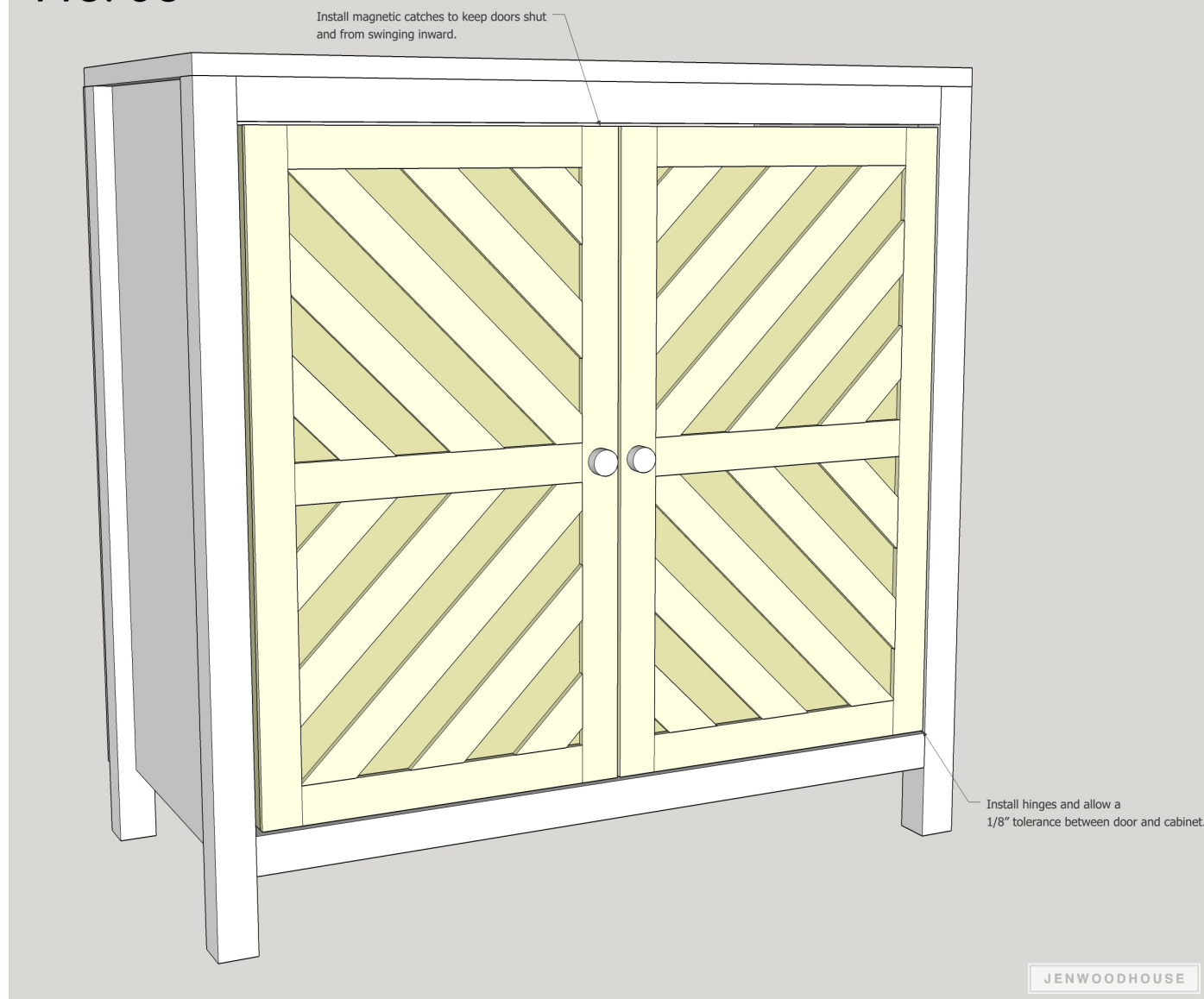
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STEP 6a

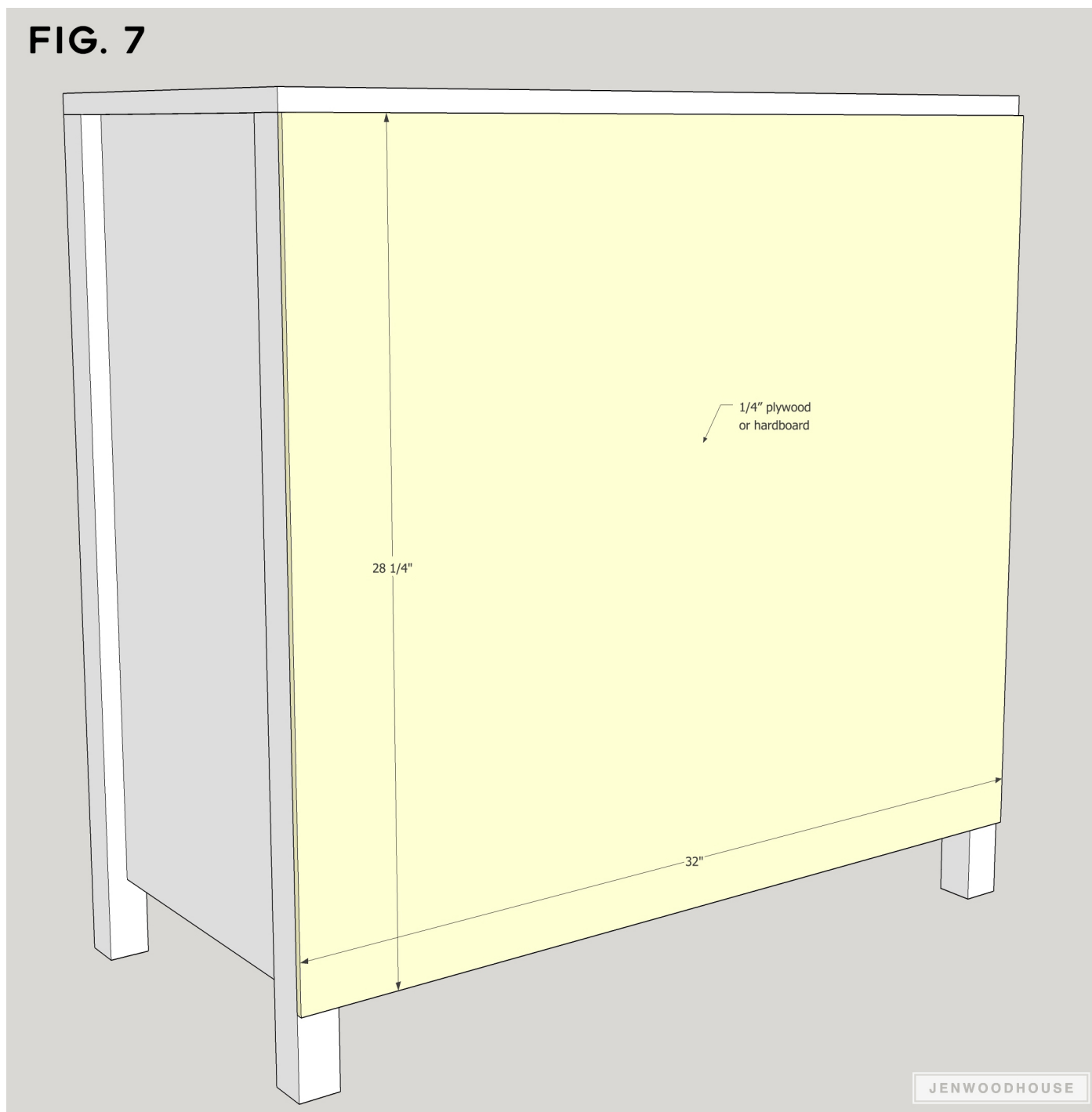
Measure, mark, and cut $\frac{3}{4}$ -inch plywood door panels to size. Measure, mark, and cut lattice rails and stiles first and attach them to the doors with 1-inch brad nails and wood glue. Then move onto cutting the angled pieces to fit.

FIG. 6B**STEP 6b**

I recommend using these measurements as a guide – it's best to hold the boards in place, mark, and cut to fit. Cut slightly long and shave off a bit at a time for the tightest fit. All angles should be cut at 45 degrees, however, notice how the longest center pieces have a right angle at one end. Attach lattice to plywood with 1-inch brad nails and wood glue.

FIG. 6C**STEP 6c**

Install doors with bi-fold hinges. There should be a 1/8-inch tolerance all around the doors, however you may need to make small adjustments, depending on the thickness of the hinges. Install magnetic door catches to keep the doors shut and also to keep them from swinging too far inward. Install cabinet knobs.

FIG. 7**STEP 7**

Measure, mark, and cut $\frac{1}{4}$ -inch plywood back to size. Attach to the back of the cabinet with 1-inch brad nails and wood glue.

Fill all nail holes with wood filler, sand, stain and/or paint, and finish as desired.