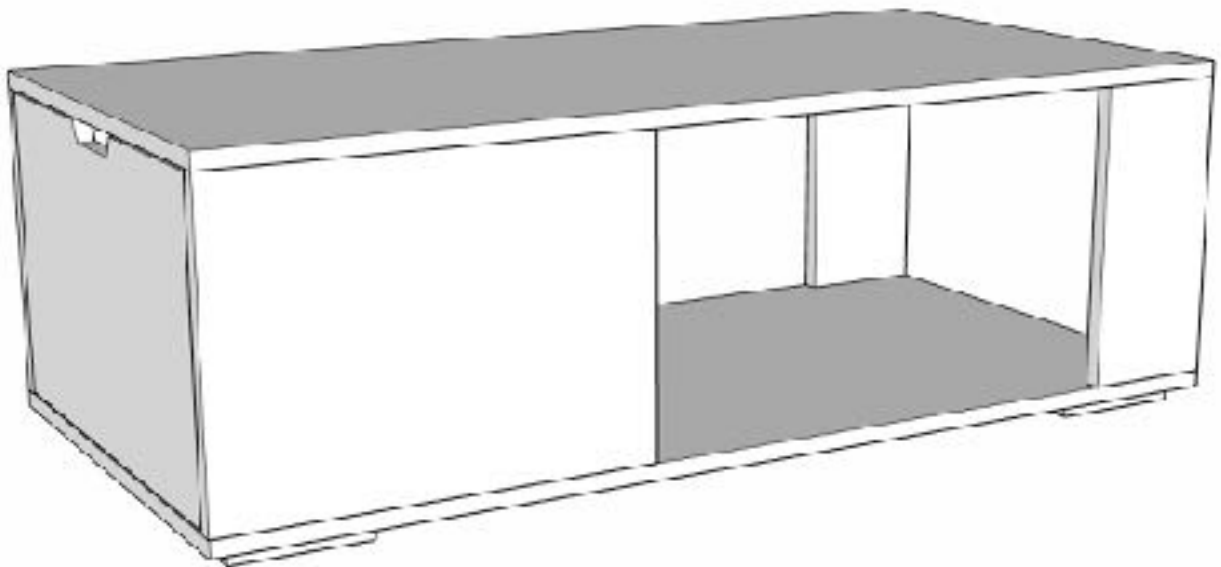

Modern Coffee Table for Under \$100

Addicted2DIY.com



Before beginning this project...

Please read through all of the plans as well as the blog post associated with this project . Always use safety precautions whenever using power tools and follow the manufacturer's suggested guidelines. Make sure to wear proper safety protection (eye protection, hearing protection, etc.) before beginning any project. Cut all pieces per the measurements in the plans, unless noted otherwise.

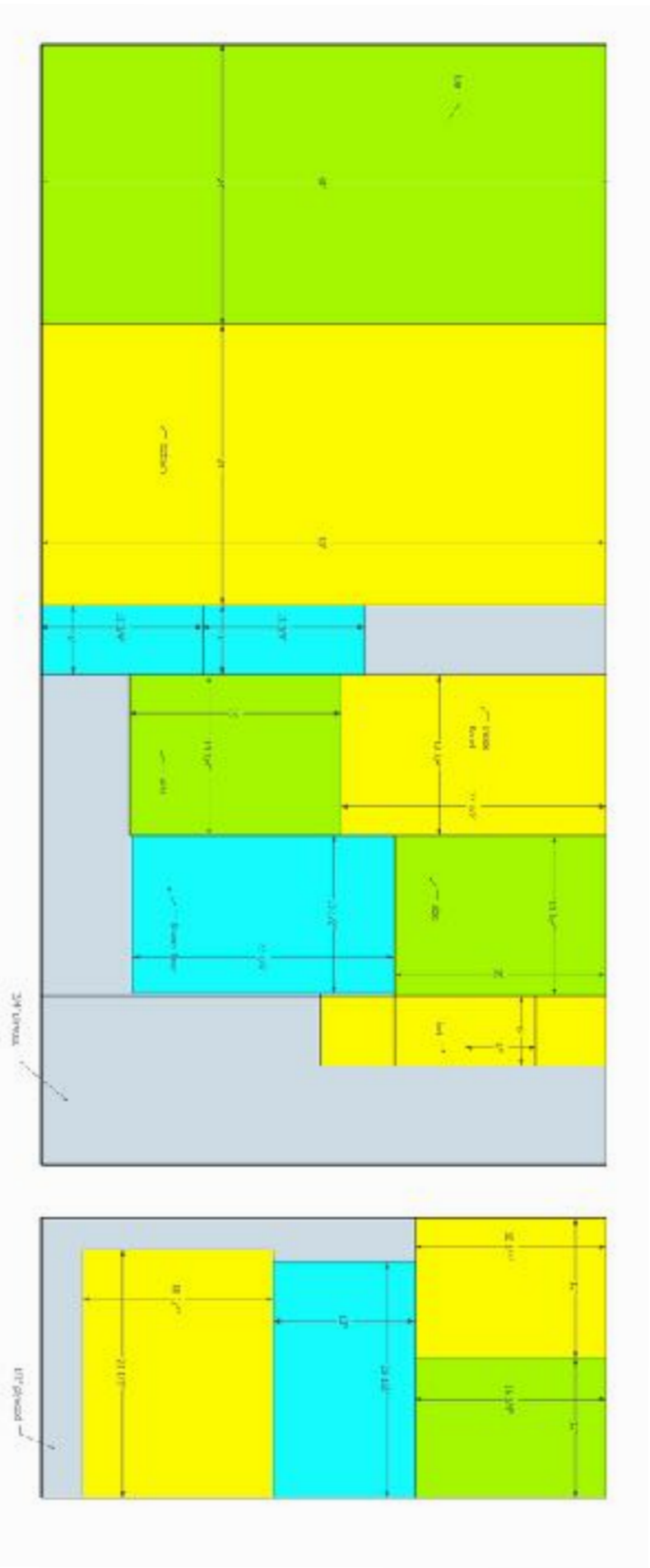
Materials and Cut List:

Materials Needed:

- 1 - 4'x8' sheet 3/4" veneer plywood
- 1 - 2'x4' sheet 1/2" veneer plywood
- 16" side mount drawer glides
- Veneer edge banding
- 1 1/4" pocket screws
- 1" pocket screws
- 1 1/4" brad nails
- Wood glue
- 220 grit sandpaper
- Clothes iron (for edge banding)
- Wood filler or 3/8" dowel (for filling pocket holes)
- Finish of choice (paint or stain)

Cut List:

- 2 - 3/4" plywood @ 2' x 4' (top and bottom pieces)
- 2 - 3/4" plywood @ 6" x 13 3/4" (legs)
- 2 - 3/4" plywood @ 19" x 13 3/4" (side panels)
- 1 - 3/4" plywood @ 22 1/2" x 13 3/4" (back panel)
- 4 - 3/4" plywood @ 6" x 6" (feet)
- 1 - 3/4" plywood @ 22 1/4" x 13 1/2" (drawer face)
- 2 - 1/2" plywood @ 16 1/4" x 12" (drawer sides)
- 1 - 1/2" plywood @ 21 1/2" x 16 1/4" (drawer bottom)
- 1 - 1/2" plywood @ 20 1/2" x 12" (drawer back)



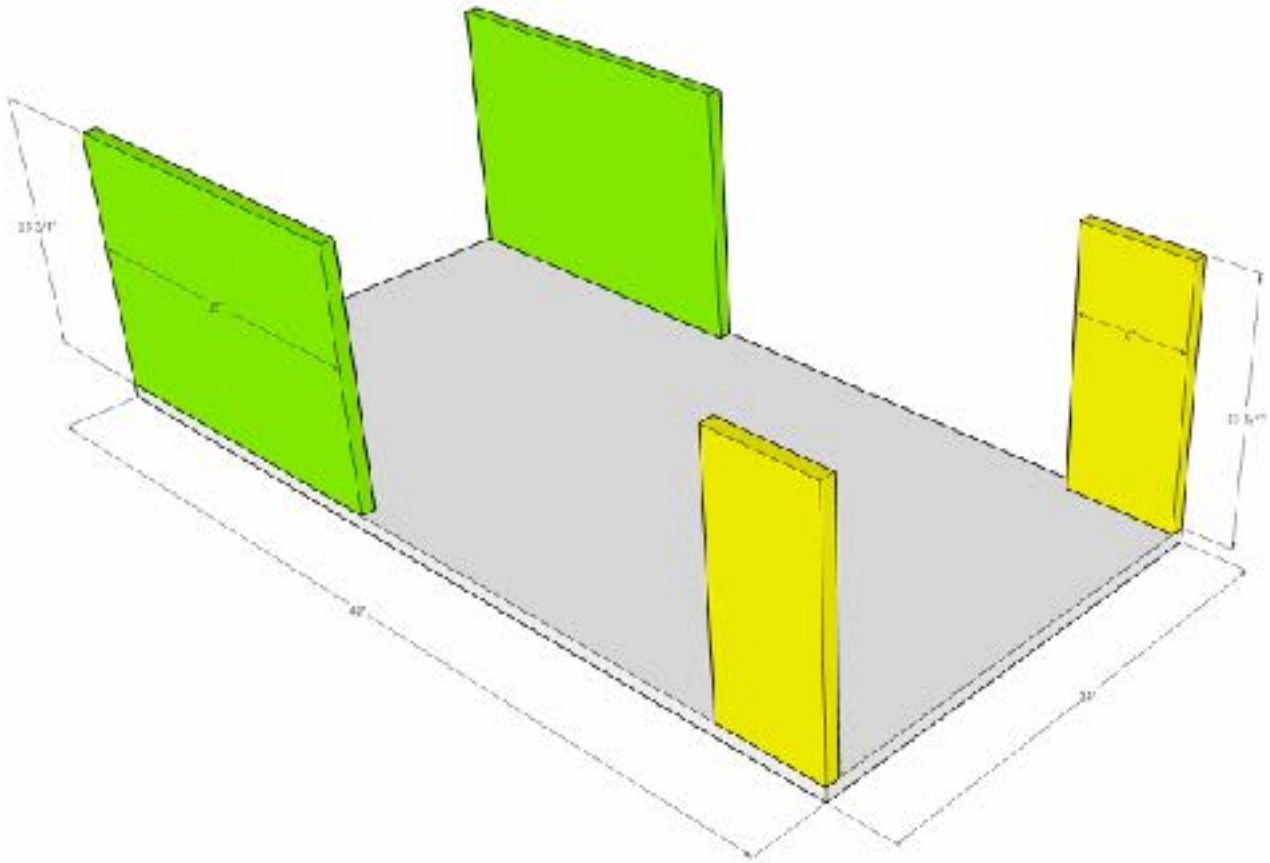
Step One:

Apply veneer banding

Using a hot clothes iron, apply veneer banding to all four edges of the coffee table top, bottom, and feet. Also apply veneer banding to the front and back edges of the side panels, as well as the long edges of the legs. Trim the veneer banding with a trimming tool or razor knife. Sand all of the pieces smooth with an orbital sander and 220 grit sandpaper.

Step Two:

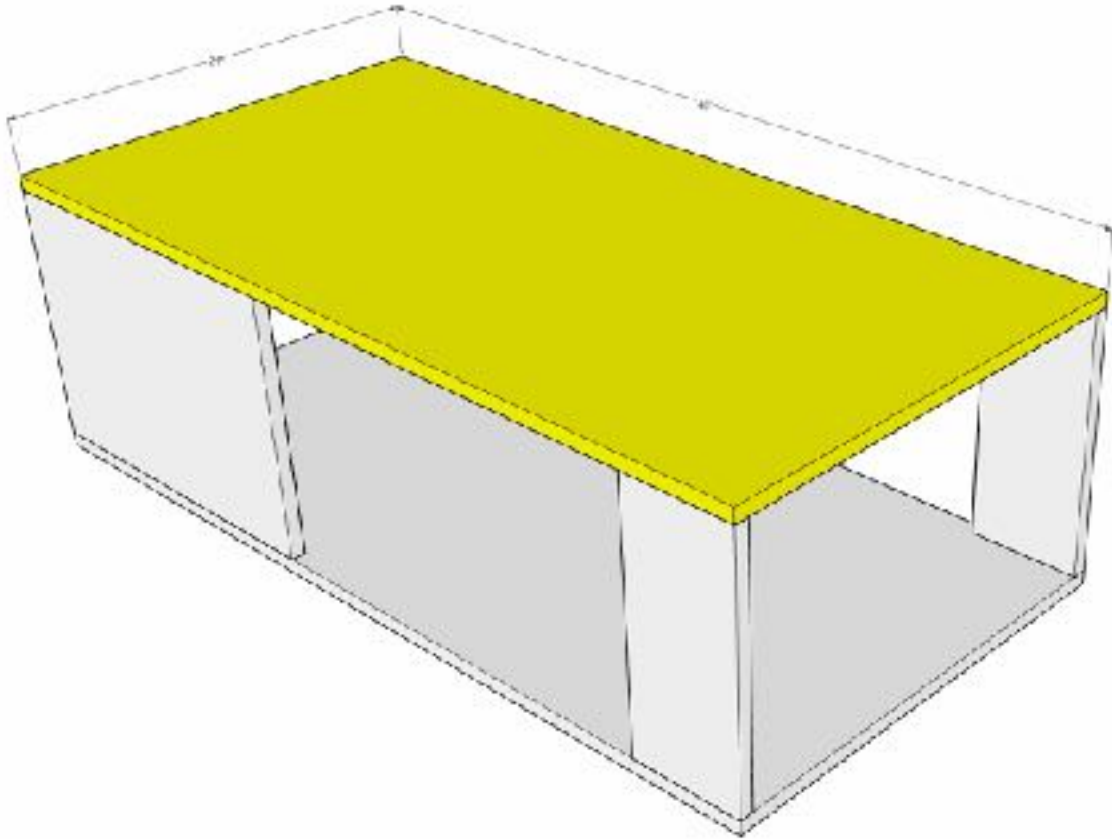
Attach the legs and side panels



Drill 3/4" pocket holes into the upper and lower edges of the legs and side panels. Using wood glue and 1 1/4" pocket screws, attach the legs and side panels to the coffee table bottom.

Step Three:

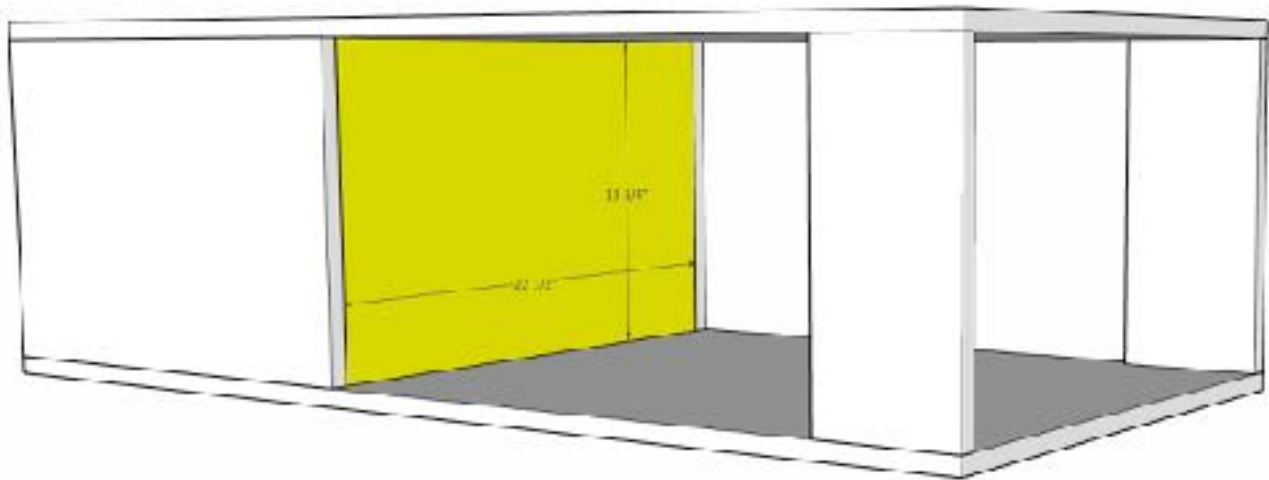
Attach the top



Using wood glue and 1 1/4" pocket screws attach the coffee table top to the legs and side panels, carefully clamping it into place and ensuring the panels and legs are square.

Step Four:

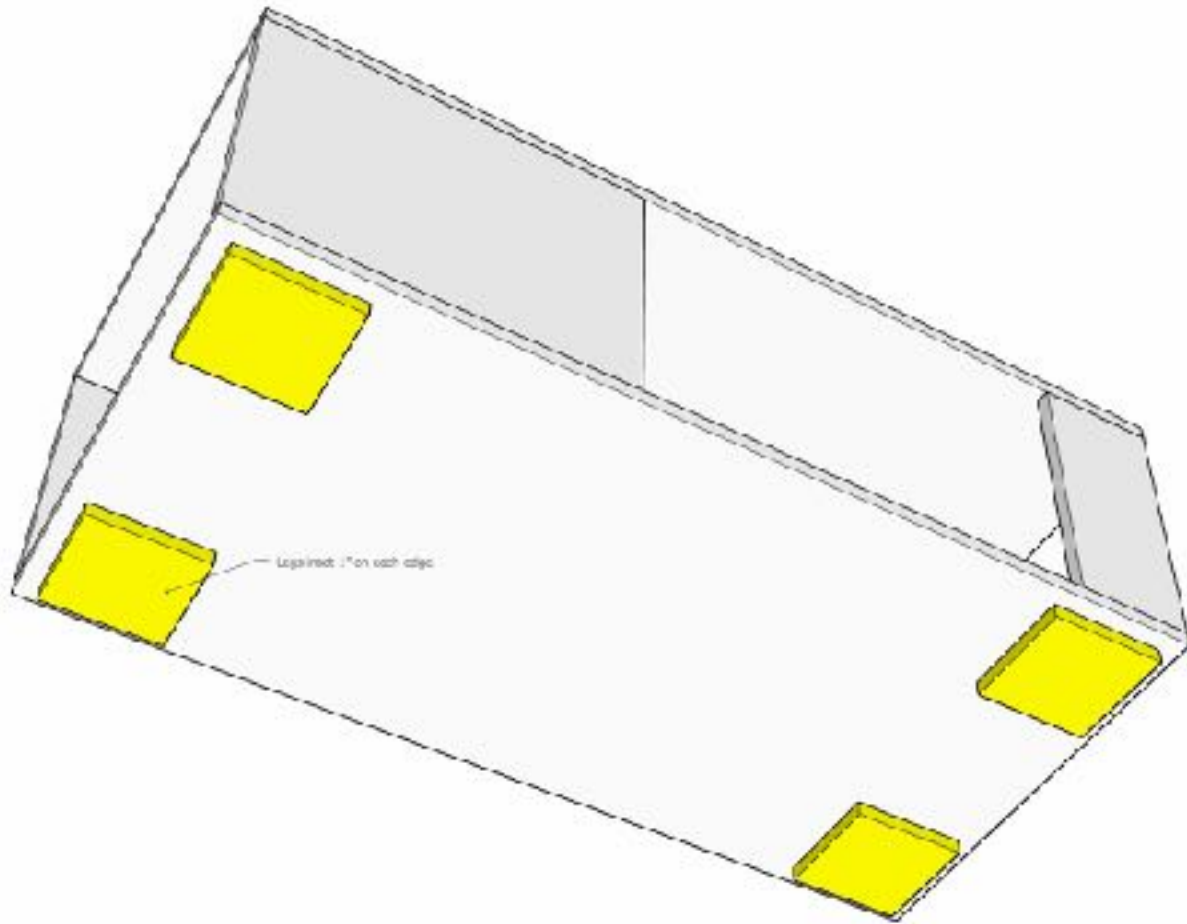
Attach the rear panel



Drill 3/4" pocket holes into all four edges of the rear panel. Install flush with the edges of the side panels and clamp into place. Secure in place with 1 1/4" pocket screws.

Step Five:

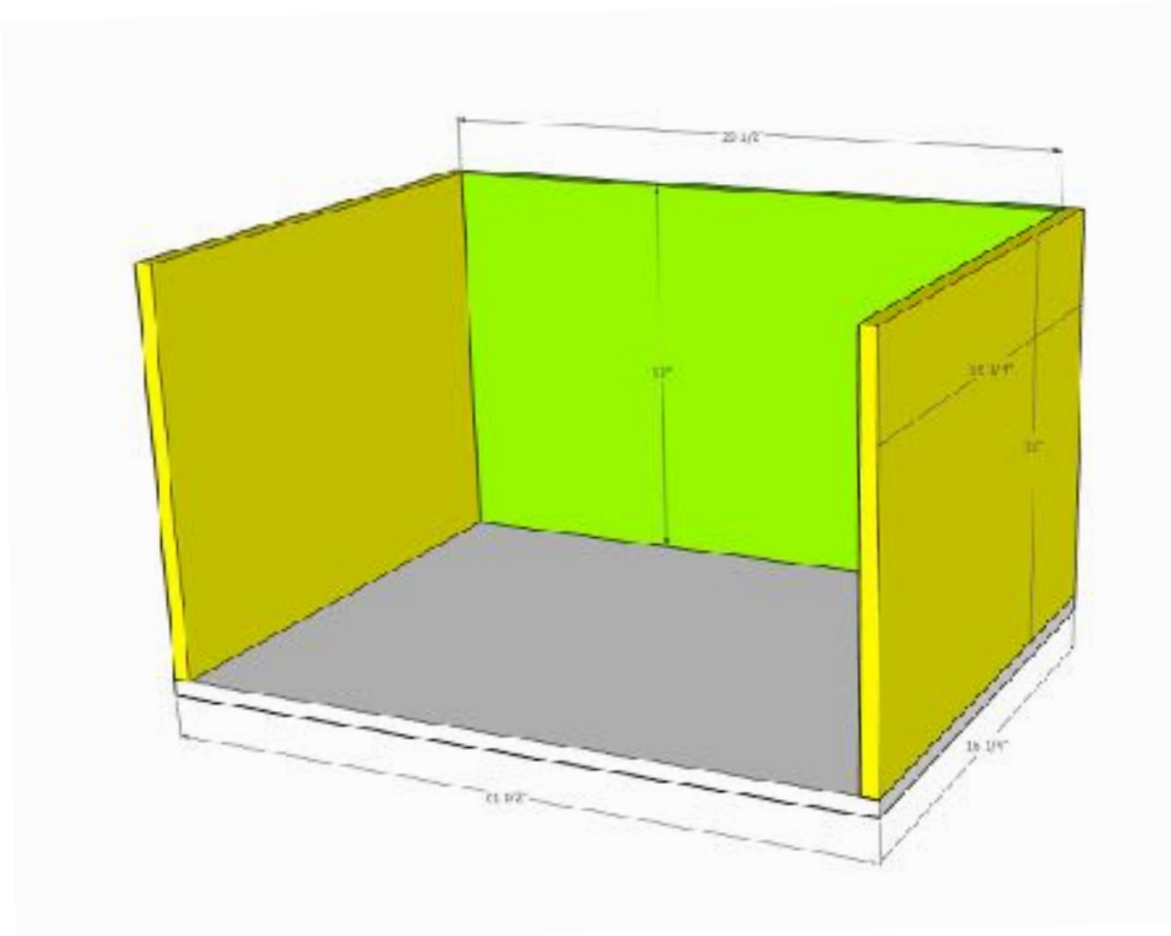
Attach the feet



Measure and mark 1" in from the corners of the coffee table bottom. Apply wood glue to the feet and set in place so that they are 1" in from each corner edge. Nail in place with 1 1/4" brad nails.

Step Six:

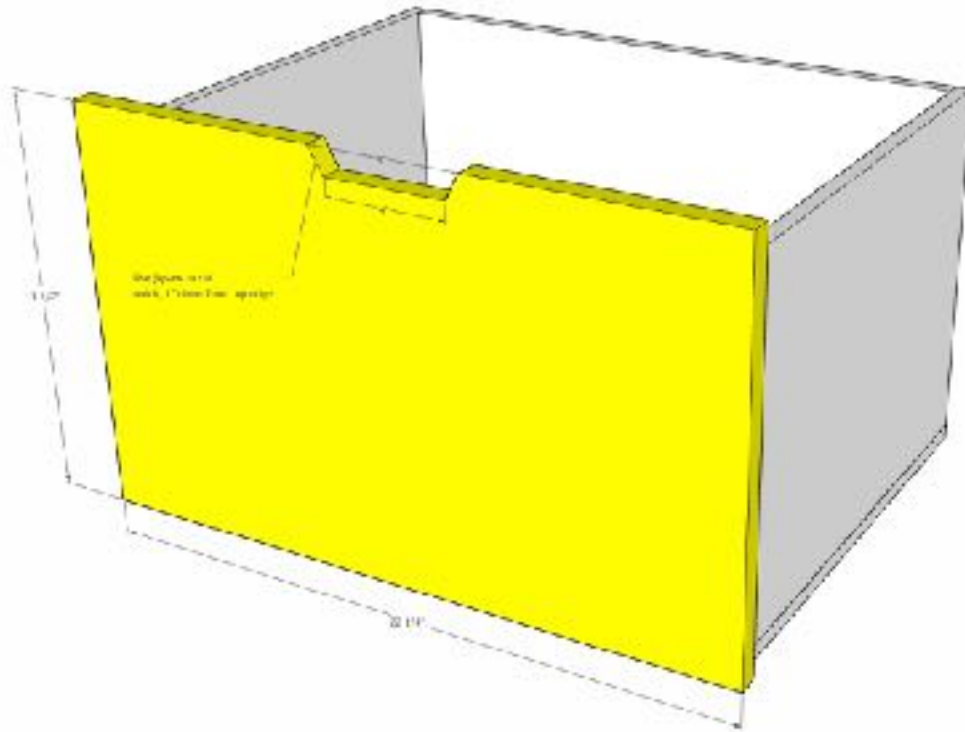
Build the drawer



To build the drawer, drill 1/2" pocket holes into the bottom and front edges of the drawer sides as well as the bottom and side edges of the drawer back. Also drill 1/2" pocket holes into the front edge of the drawer bottom, to help in attaching the drawer front in the next step. Using wood glue and 1" pocket screws, attach the drawer sides to the drawer back. Apply a bead of glue to the edges of the drawer sides and back, then line up the drawer bottom. Clamp in place and attach with 1" pocket screws.

Step Seven:

Attach the drawer front



Measure and mark the notch for the drawer front based on the diagram above. Cut the notch with a jigsaw. Using wood glue and 1" pocket screws, attach the drawer front to the rest of the drawer box.

Attach drawer slides so that the drawer fits flush inside the coffee table with a 1/8" gap around all sides, and finish as desired.

Dimensions:

