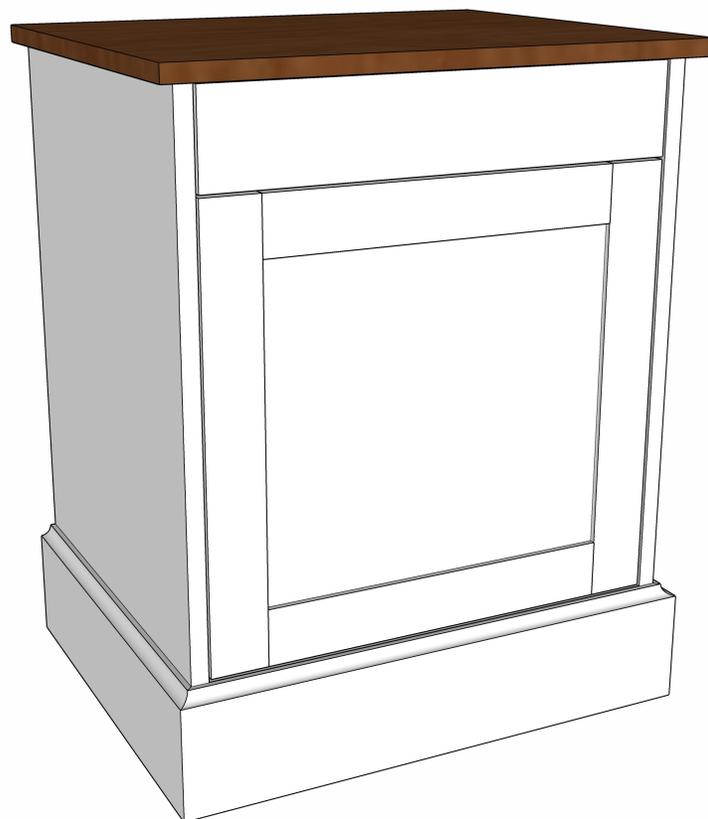
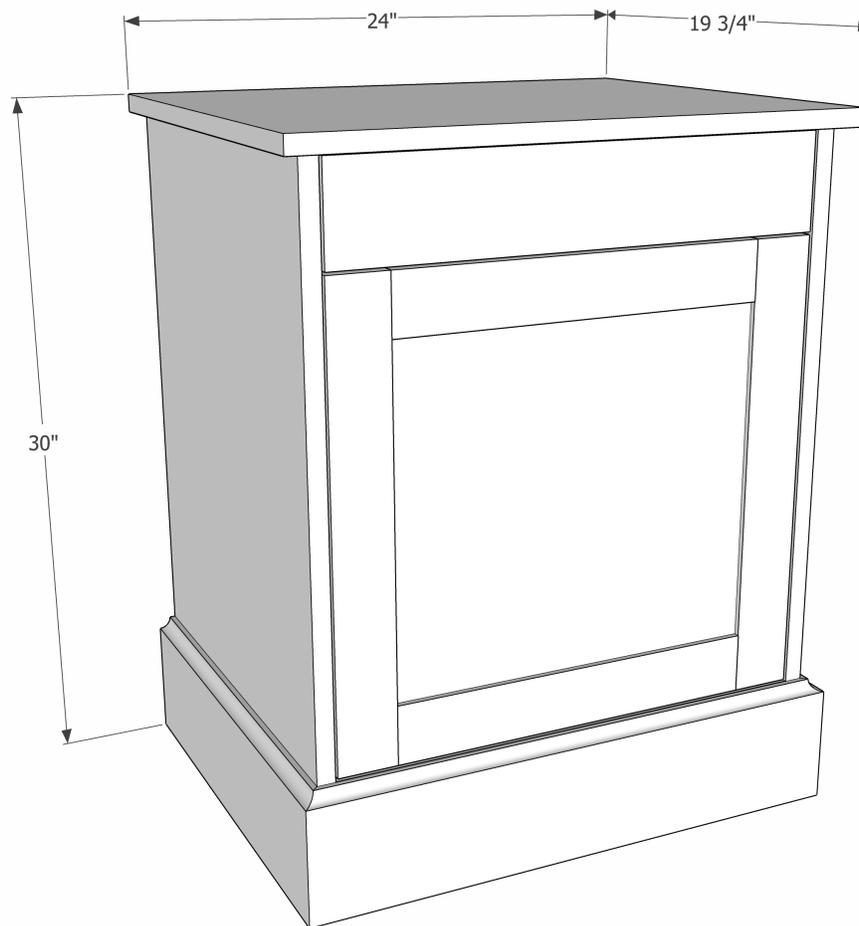

Modern Farmhouse Printer Cabinet

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' x 8' sheet 3/4" veneer plywood
1 - 2' x 4' sheet 1/2" veneer plywood (or baltic birch)
1 - 2' x 4' sheet 1/4" veneer plywood (or baltic birch)
1 - 1x6 select pine @ 6' long
1 - 1x3 select pine @ 8' long
Veneer edge banding
1 1/4" pocket screws
Wood filler
Wood glue
220 grit sandpaper
1 1/4" brad nails
16" drawer slides (bottom or side mount)
Cabinet pulls
Cabinet Hinges (frameless inset, or euro style)

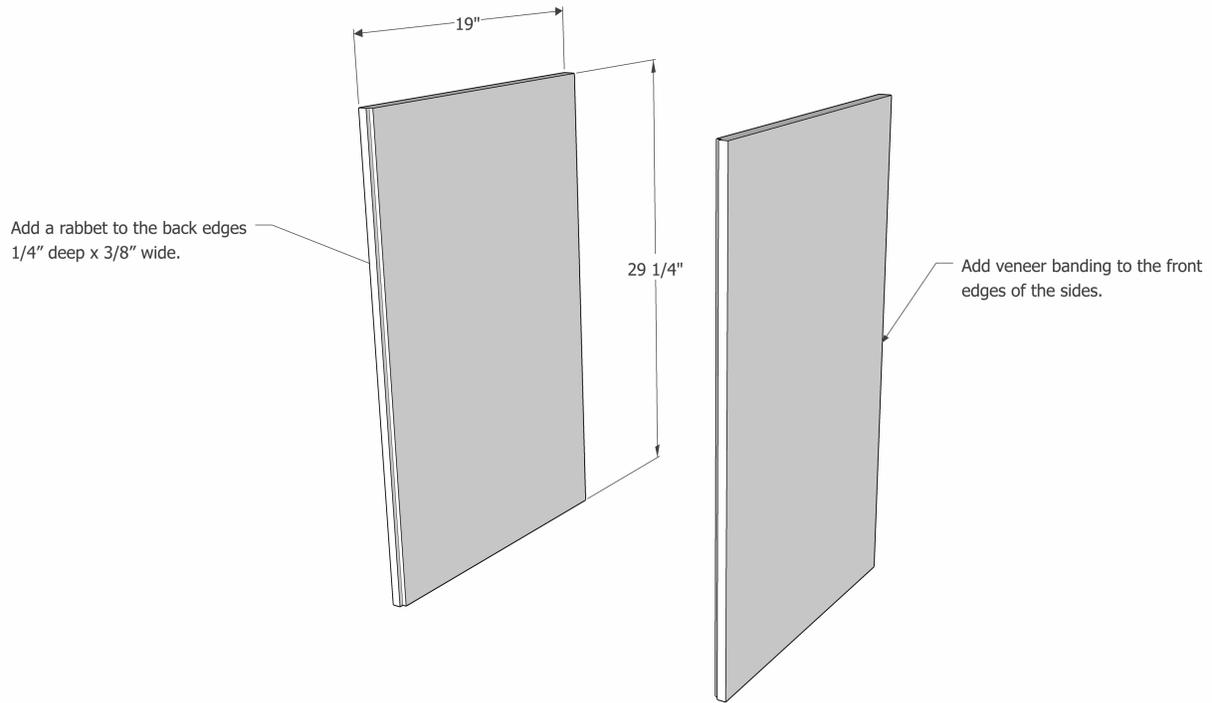
Cut List:

2 - 3/4" plywood @ 29 1/4" x 19" (cabinet sides)
1 - 3/4" plywood @ 21" x 18 3/4" (cabinet bottom) (*see note below)
1 - 3/4" plywood @ 24" x 19 3/4" (cabinet top)
1 - 3/4" plywood @ 4" x 20 3/4" (drawer front)
1 - 1/4" plywood @ 21 3/4" x 24 1/2" (*see note below)
1 - 1x6 @ approx 24" w/ 45 degree mitered ends (measure and cut to size)
2 - 1x6 @ approx 19 3/4" w/ one 45 degree mitered end (measure and cut to size)
2 - 1/2" plywood @ 3" x 19"
2 - 1x2" plywood @ 3" x 16"
1 - 1/2" plywood @ 20" x 16"
1 - 1/4" plywood @ 16 1/4" x 14 7/8"
2 - 1x3 @ 15 3/4" (cut at 16 1/2" if using tongue and groove joinery)
2 - 1x3 @ 19 3/8"

*cabinet bottom and back are based on using a 1/4" rabbet in the back edge of the cabinet. Alternately, a 1/8" backer board can be added as the back of the cabinet and painted, omitting the need for a rabbet. If using a backer board, the cabinet bottom will be 19" deep.

Step One:

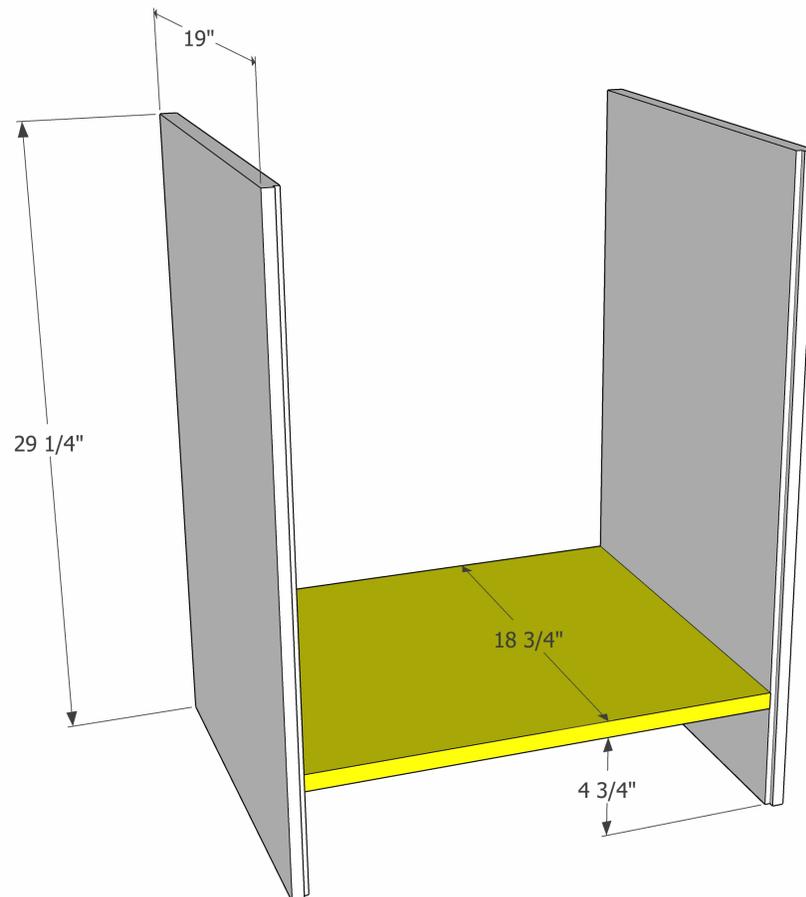
Add 1/4" Rabbets



If using a 1/4" plywood backing for the cabinet, add a 1/4" deep x 3/8" wide rabbet to the back edge of the side pieces of the cabinet using either a rabbeting bit on a router or a dado stack on a table saw.

Step Two:

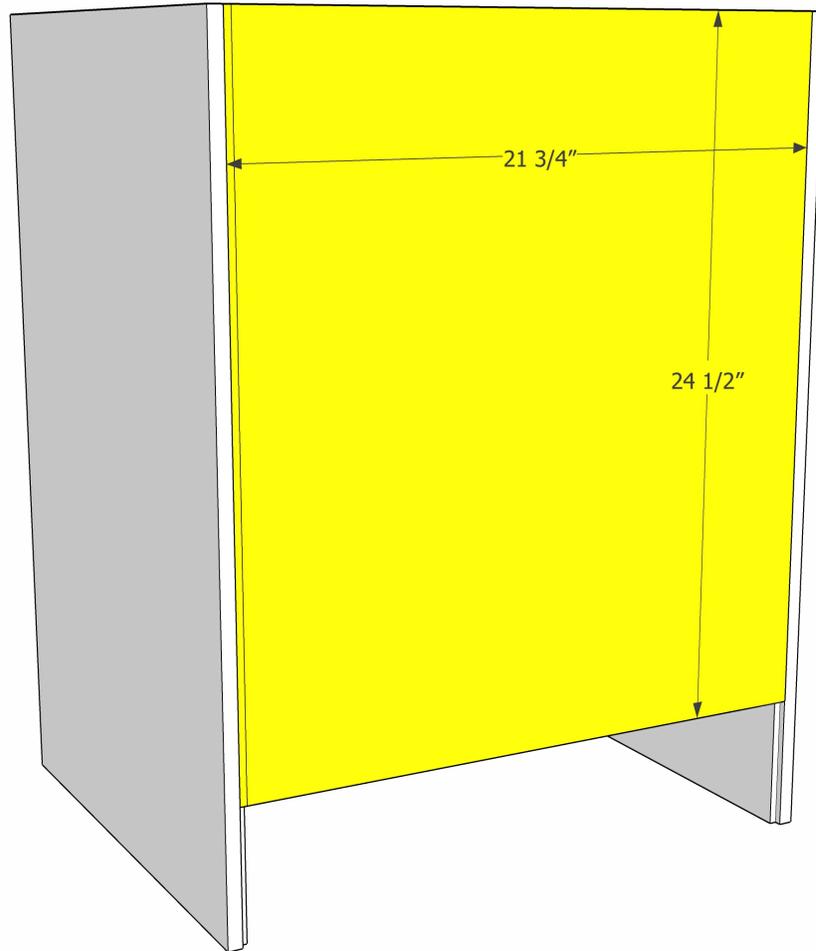
Build The Main Carcass



Before assembling the carcass of the cabinet, drill 3/4" pocket holes into the top, inside ends of the cabinet sides as well as 3/4" pocket holes into the two shorter ends of the cabinet bottom. Measure and mark 4 3/4" up from the bottom of the cabinet sides. Add glue to the ends of the bottom piece and set in place along the marks. Clamp and attach to the sides using 1 1/4" pocket screws.

Step Three:

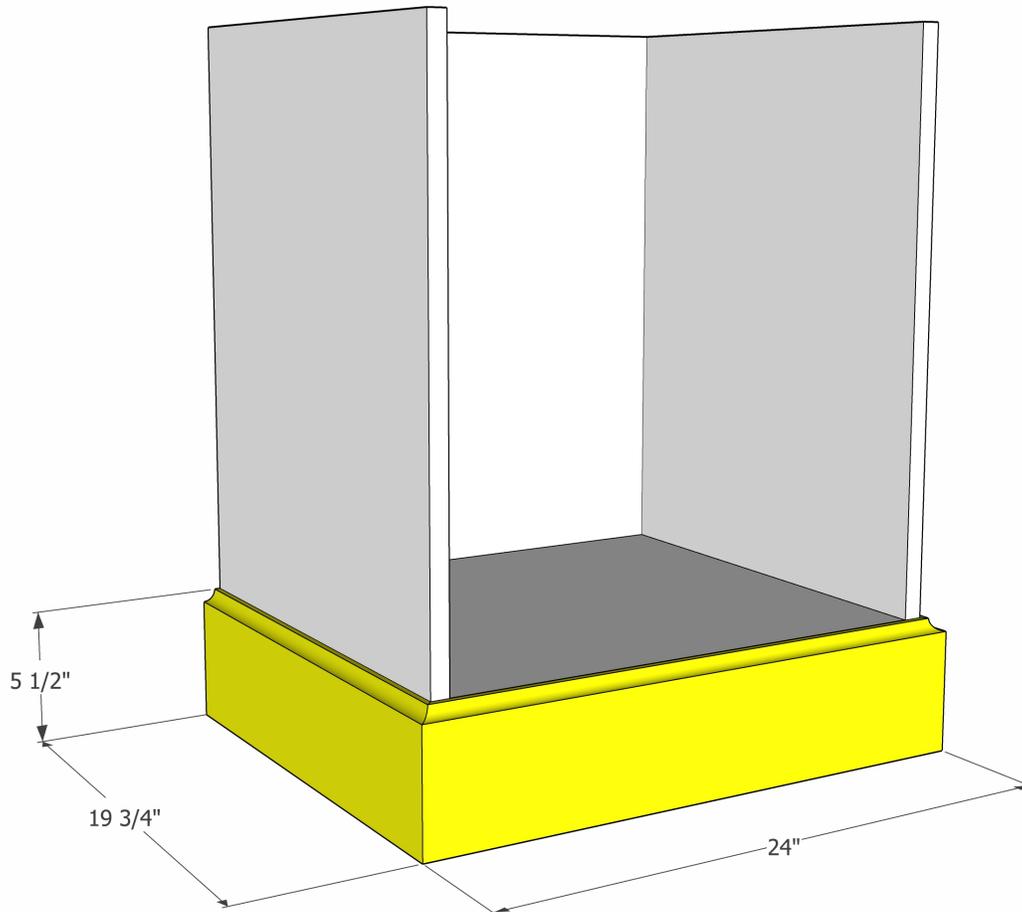
Attach the Rear Aprons



Add a bead of glue to the rabbeted grooves on the back of the cabinet carcass. Place the $\frac{1}{4}$ " plywood backing in the grooves and nail in place with $\frac{3}{4}$ " brad nails.

Step Four:

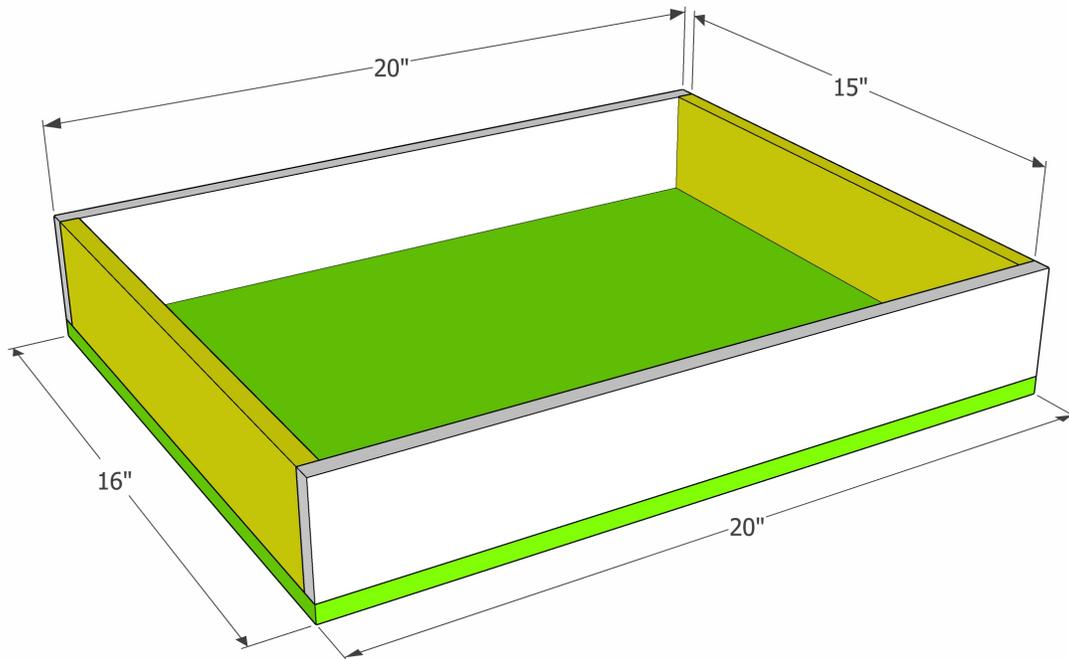
Add Moulding To Base of Cabinet



Measure and install the moulding to the base of the cabinet. The moulding can be made using a cove bit on a router, or left as a solid 1x6. Glue and nail the moulding in place with 1 1/4" brad nails. Fill the nail holes with wood filler, let dry, then sand with 220 grit sandpaper.

Step Five:

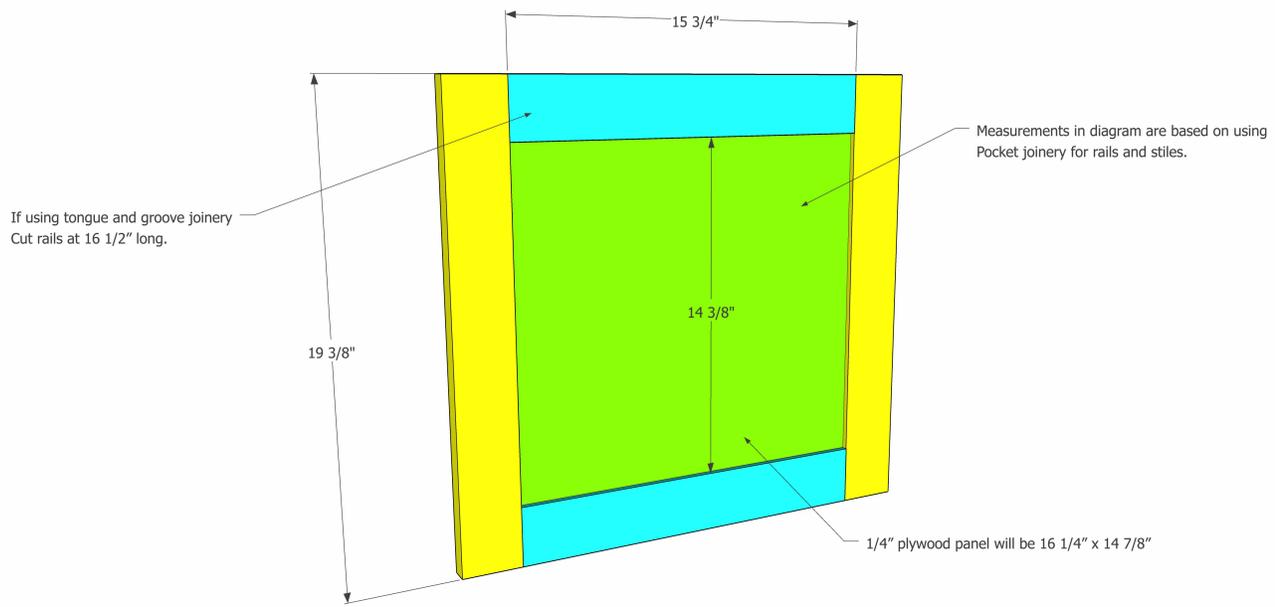
Build the Drawer



Drill 1/2" pocket holes into the 15" sides of the drawer box. Glue the ends and attach to the drawer front and back pieces with 1" pocket screws. Cut the bottom to size, glue and attach with 1" brad nails. Install the drawer into the cabinet using desired drawer slides (i.e. bottom mount or side mount).

Step Six:

Build The Cabinet Door

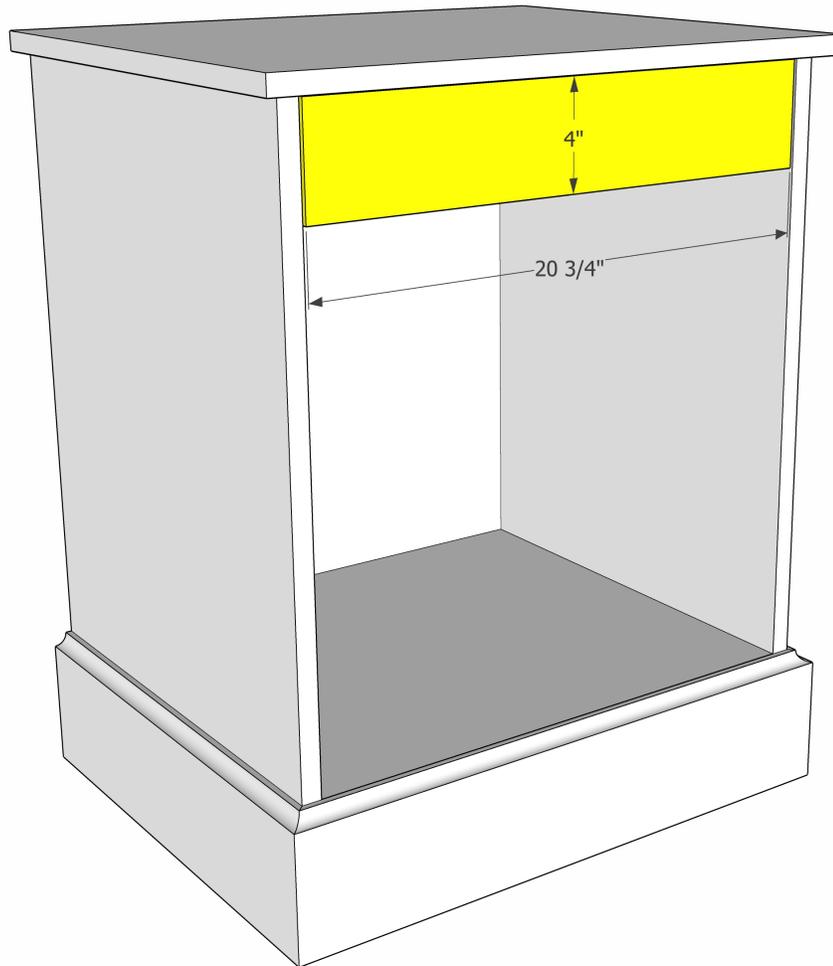


If using pocket joinery, cut the rails and stiles based on the diagram above. Drill $\frac{3}{4}$ " pocket holes into the rails. Add a $\frac{1}{4}$ " wide x $\frac{3}{8}$ " deep groove to the inside edge of the rails and stiles to fit the $\frac{1}{4}$ " plywood panel. Set the plywood into the grooves. Glue and clamp the rails and stiles together, then attach with $\frac{3}{4}$ " pocket screws.

If using tongue and groove joinery, cut the rails at $16 \frac{1}{2}$ " long. Using a tongue and groove router bit, add tenons to the ends of the rails, then add a groove to both the rails and stiles. Add glue to the rail tenons, insert the plywood panel, and clamp the cabinet door frame together, allowing the glue to cure overnight.

Step Seven:

Install The Drawer Front



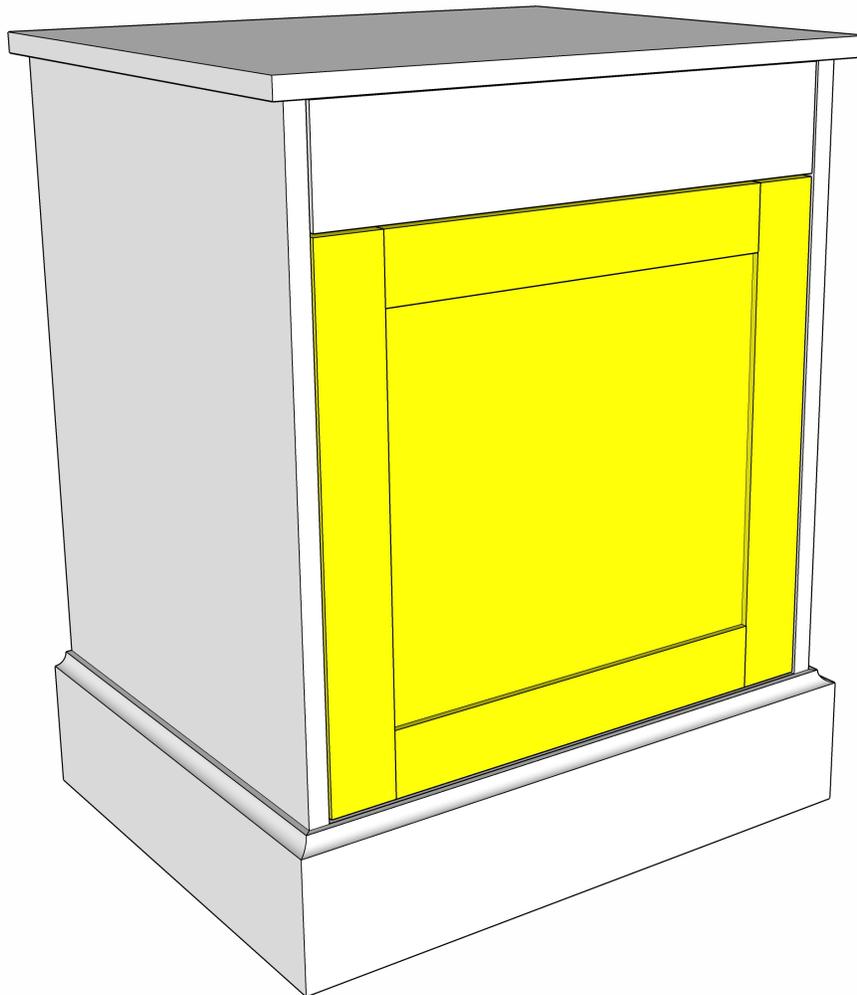
To install the drawer front, pre-drill the holes for the drawer pull hardware into the drawer front. Set the drawer front against the drawer box with an 1/8" gap around the top and sides. Stacked playing cards are a great way to set this gap.

Drill 1 1/4" screws through the pre-drilled holes, into the drawer box to temporarily attach the drawer front. Pull the drawer out and attach 1" screws through the inside

front of the drawer box, to fully attach the drawer front. Remove the screws in the front, finish drilling the holes for the hardware, and attach the drawer pull.

Step Eight:

Install The Cabinet Door



Using inset hinges (i.e. frameless inset hinges or euro style hinges), install the cabinet door. Use equally stacked playing cards to achieve an even 1/8" gap around the door. Install the door hardware and a magnetic stop on the opposite side of the cabinet.

Shelf pin holes can be drilled into the inside of the cabinet as well to add an adjustable shelf, if desired.