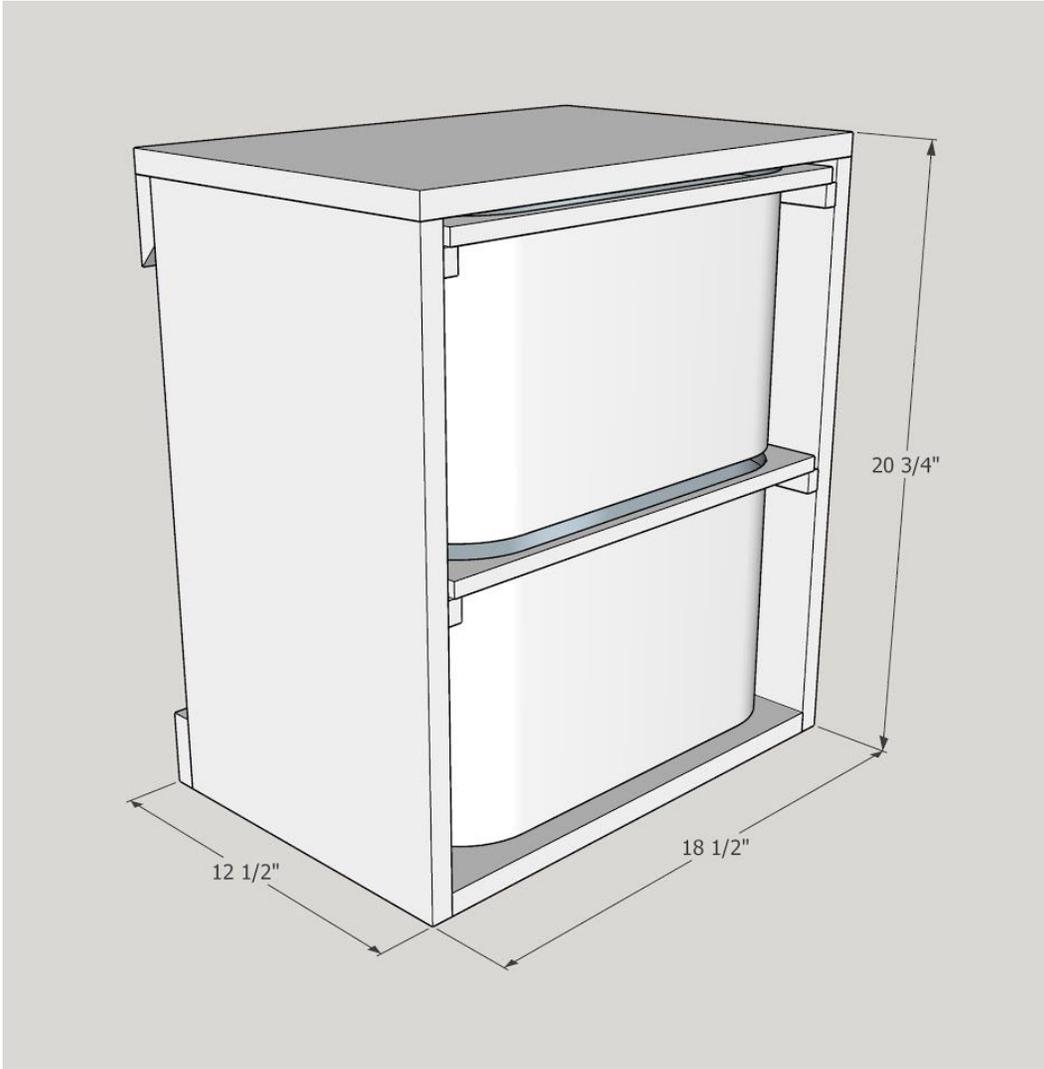


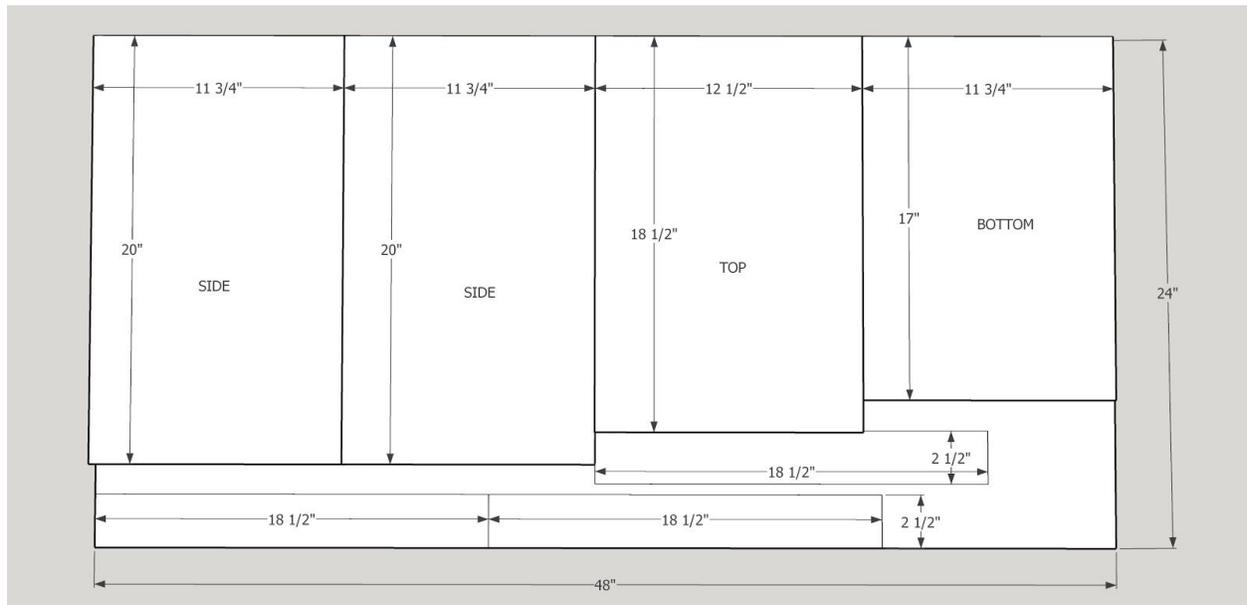
Wall Mount Storage Bins  
Plans by The Handyman's Daughter™  
Copyright 2020



## Materials

- 3/4" plywood
  - You need a 2'x4' sheet for each drawer unit.
- One 1x2 board for the drawer runners.
  - You can also use 3/4" square wood dowels.
- Edge banding
- Pocket hole jig
- 1 1/4" pocket hole screws
- Wood glue
- 18" or 24" clamps
- Brad nailer and 1 1/4" brad nails
- Paint or stain
- Circular saw or table saw
- Countersink bit
- 3" flat head wood screws
- Stud finder
- Level
- IKEA Trofast bins

## Plywood Cut Diagram



### Cut List

Sides - Cut 2 @ 11 3/4" x 20"

Top - Cut 1 @ 12 1/2" x 18 1/2"

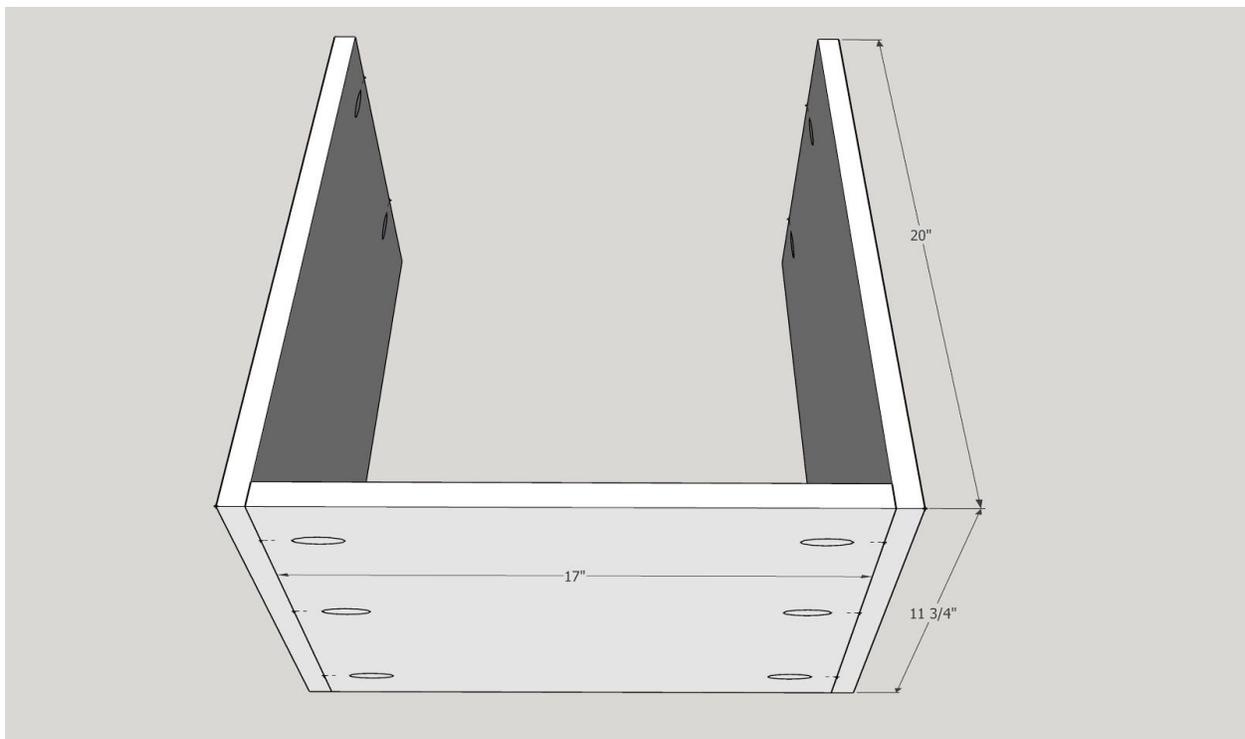
Bottom - Cut 1 @ 11 3/4" x 17"

Cleats - Cut 3 @ 2 1/2" x 18 1/2"

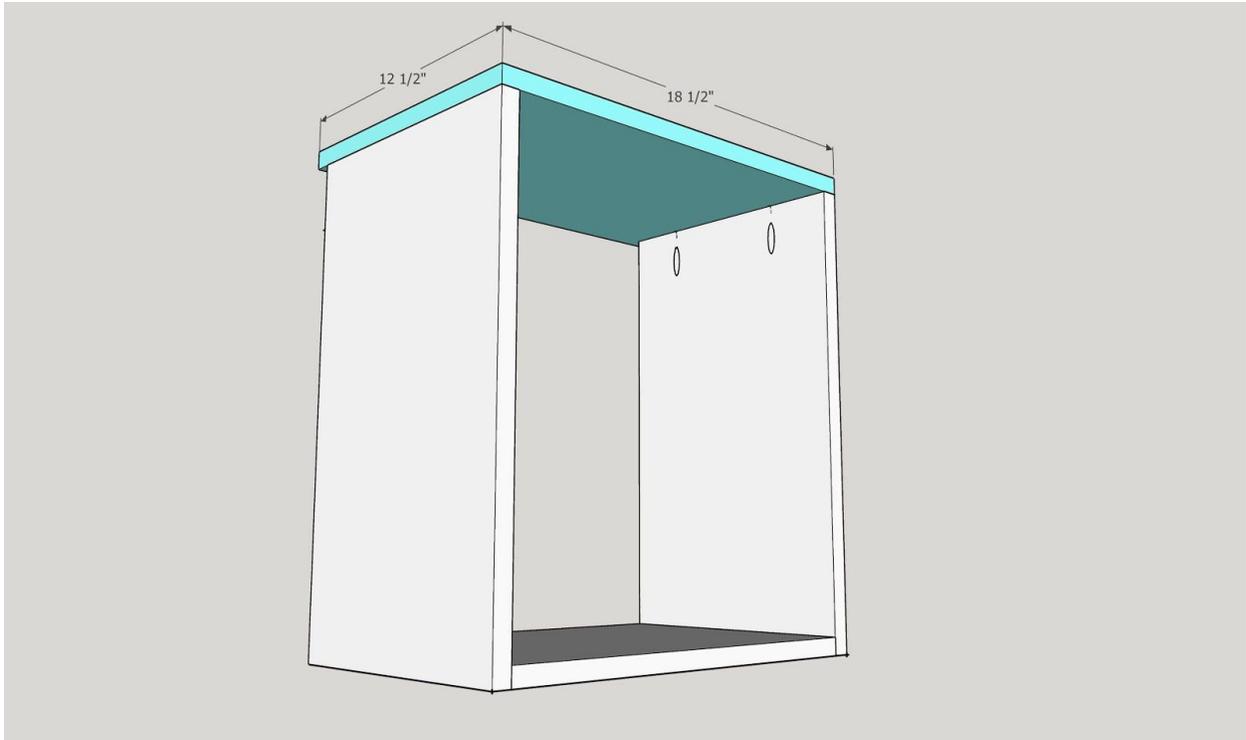
Drawer runners - Cut 4 @ 3/4" x 11 3/4" (solid wood is best, but you can use plywood)

## Instructions

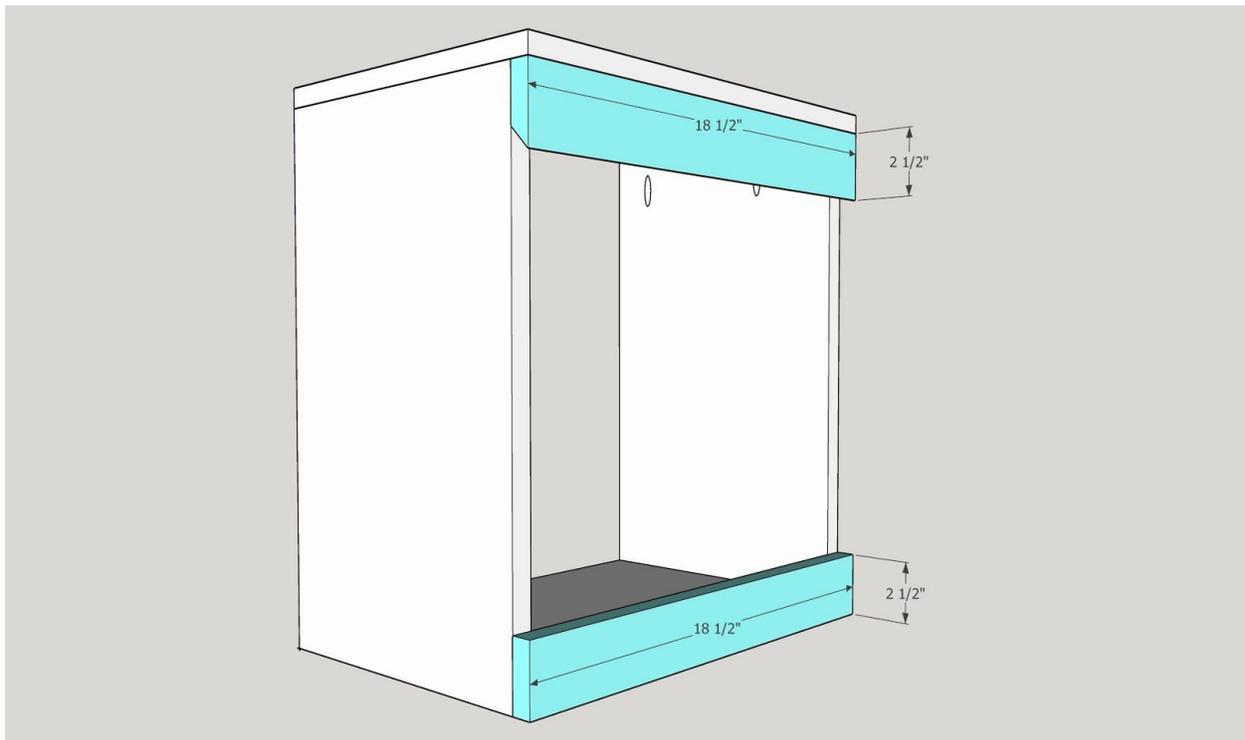
- ❑ Cut plywood as shown in the diagram above. If you're using a single sheet of 2'x4' plywood, you may have to adjust the width of each piece by  $1/16$ " in order to fit them all due to the kerf of the saw blade.
- ❑ Drill pocket holes on both of the  $11 \frac{3}{4}$ " sides of the bottom piece, and one end of the side pieces.
- ❑ Apply edge banding to the front edge of all plywood pieces, as well as the side edges of the top piece.
- ❑ Attach the bottom to the sides with wood glue and  $1 \frac{1}{4}$ " pocket hole screws. Make sure the pocket holes on the sides are facing up and inward.



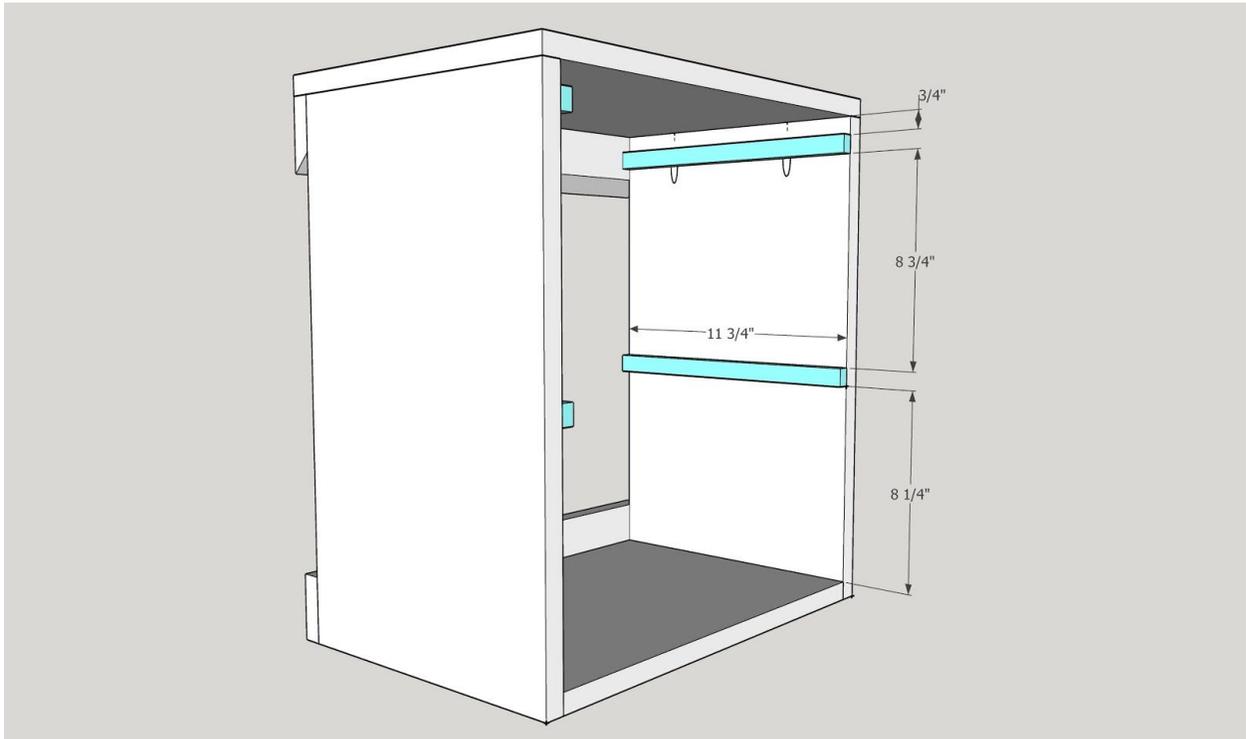
- ❑ Attach the top to the sides with wood glue and  $1\frac{1}{4}$ " pocket hole screws. The front edges should be flush, with a  $\frac{3}{4}$ " overhang on the back.



- ❑ Cut a 45 degree angle along one edge of two of the  $2\frac{1}{2}$ " x  $18\frac{1}{2}$ " pieces to make the two halves of the French cleat. You can find an in-depth tutorial on how to make a French cleat [here](#).
- ❑ Attach one side of the French cleat to the back of the frame with wood glue and brad nails. The point should face down and away from the frame, and it should be flush with the back edge of the top piece.
- ❑ Attach the remaining  $2\frac{1}{2}$ " x  $18\frac{1}{2}$ " piece to the bottom of the frame with wood glue and brad nails. This piece will allow the frame to sit straight against the wall.



- ❑ Place the frame on its side. Use one of the drawer runner slats as a spacer against the underside of the top. Attach the top slat to the side with wood glue and brad nails. Repeat for the other side.
- ❑ Mark the position of the bottom slat, with the top edge 9" up from the bottom of the frame. Use a square to make sure it's straight, then attach the slat with wood glue and brad nails. Repeat for the other side.
- ❑ Fill any holes with wood filler, then paint or stain as desired.



- ❑ Mark the location of the studs in the wall, and drill countersink holes into the French cleat where it will meet the studs.
- ❑ Screw the French cleat to the wall at the studs, using a level to make sure it's straight. The point should face up and away from the wall.
- ❑ Hook the French cleat on the back of the frame onto the cleat on the wall, then slide the IKEA Trofast bins into place.

**Have questions, or want to show off your build? Email me at [hello@thehandymansdaughter.com](mailto:hello@thehandymansdaughter.com), or tag me with a photo on [Instagram](#). I'd love to see it!**