



DIY ARCHED BOOKCASE

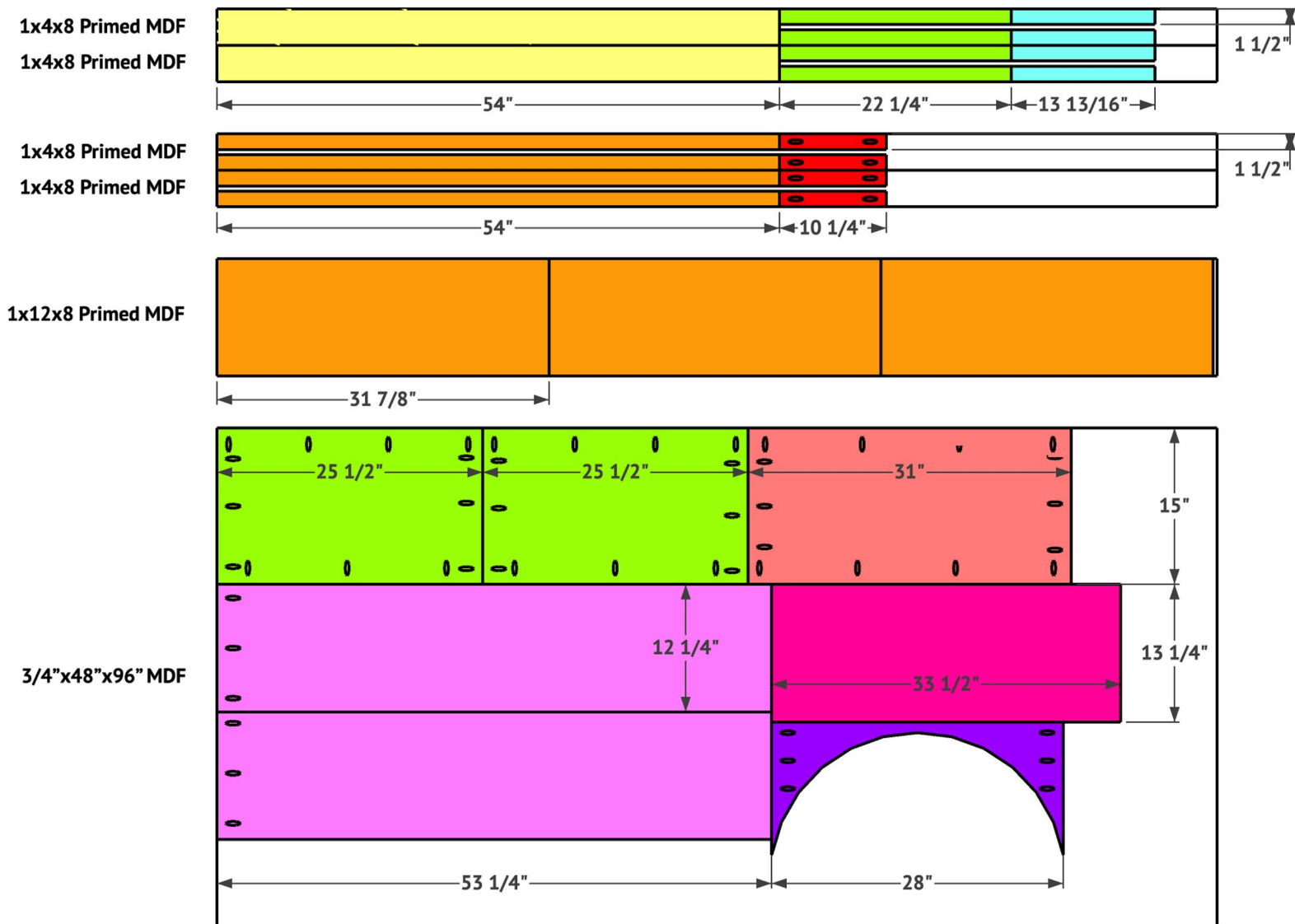
SUPPLY LIST

Item	Quantity	Description
1x4x8	4	Primed MDF
1x12x8	1	Primed MDF
1x4x8	2	Pine or Common Boards
2x4x8	4	Framing Boards
2x6x8	2	Framing Boards
3/4" x 48" x 96"	1	MDF
1/2" x 48" x 48"	1	Hardwod Plywood
48" x 96"	1	Beaded Plywood
Cabinet Pulls	2	Link in Post on Our Site
Shelf Pins (optional)		Link in Post on Our Site
Cabinet Hinges	4	Link in Post on Our Site
Magnetic Door Catch	4	Link in Post on Our Site
Wood Glue		Link in Post on Our Site
Finish		Link in Post on Our Site

Remember!

Many of these cuts are best made as you go. If you have questions, check out the tutorial on our site!

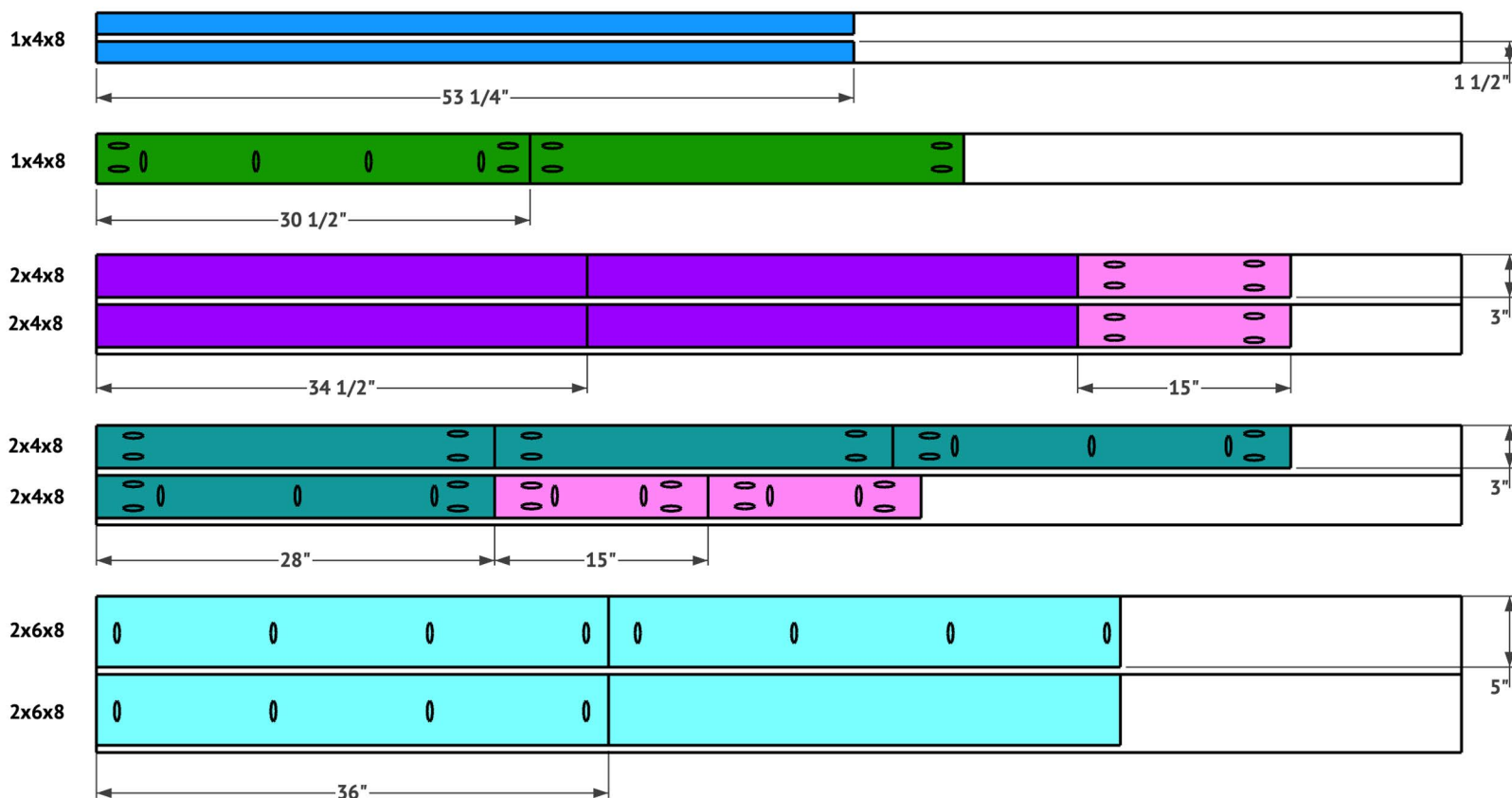
CUT LIST (Page 1) *Note: Plans are for one bookcase*



Remember!

Many of these cuts are best made as you go. If you have questions, check out the tutorial on our site!

CUT LIST (Page 2)

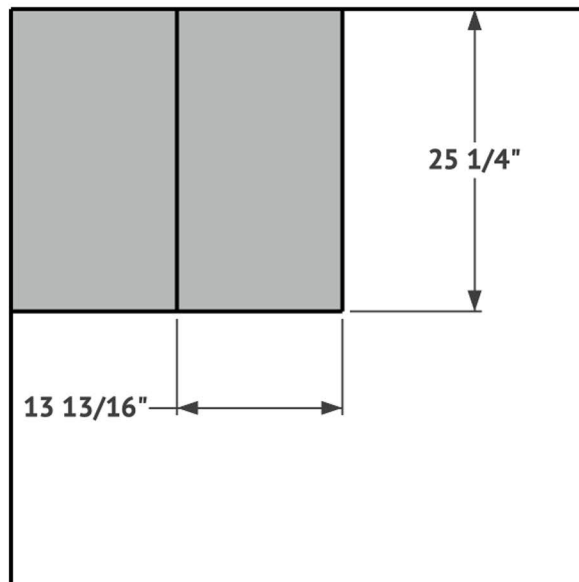


Remember!

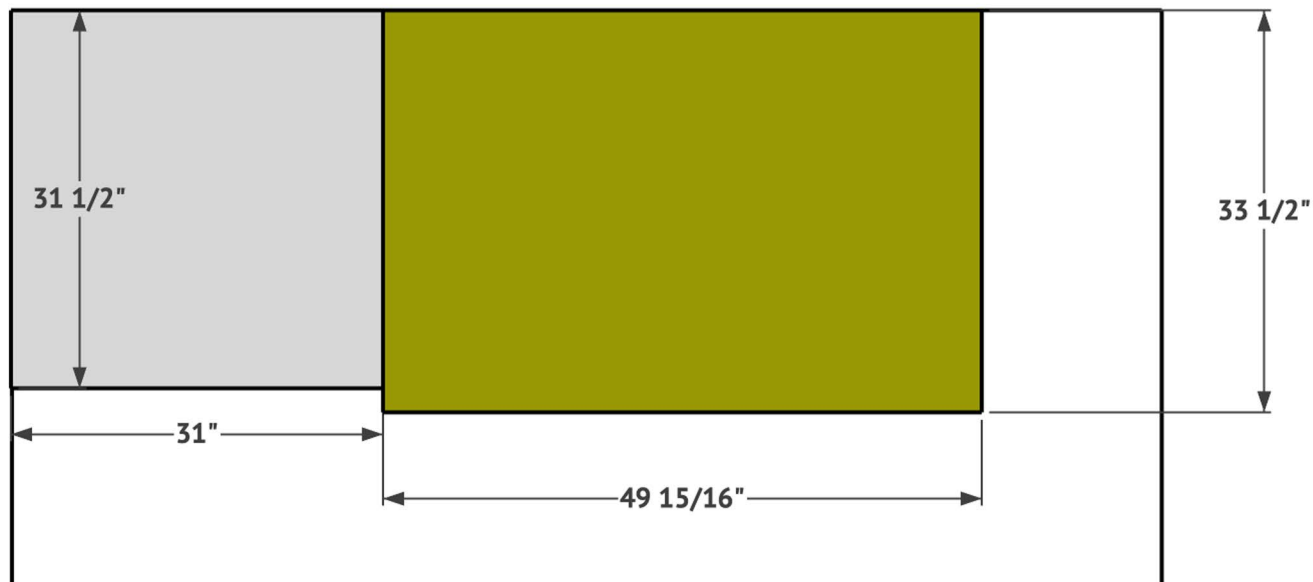
Many of these cuts are best made as you go. If you have questions, check out the tutorial on our site!

CUT LIST (Page 3)

1/2" x 48" x 48"
Hardwood Plywood



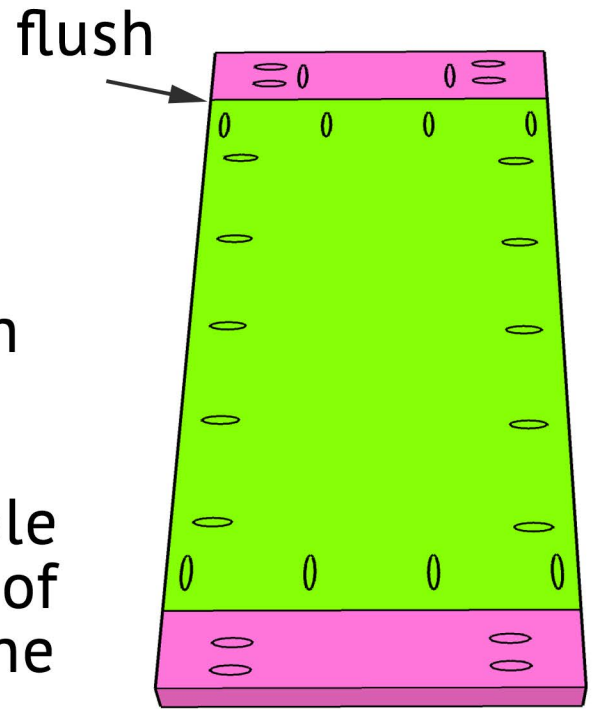
48" x 96"
Beaded Plywood



Note: I ripped the round edges off the 2x4 and 2x6 boards. This is not a necessary step but if you choose to not rip your boards, adjust the plans accordingly.

1

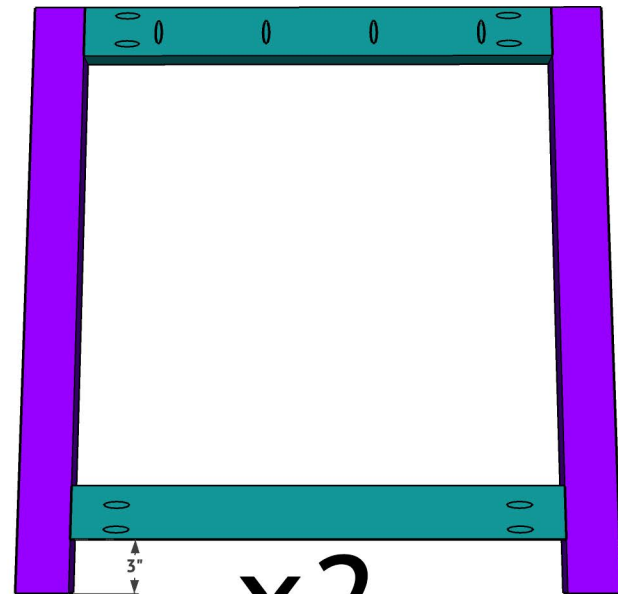
Cut the side aprons and side panels to size. Drill $\frac{3}{4}$ pocket holes on all sides of the panel and $1\frac{1}{2}$ " pocket holes on both ends and one edge of the top apron. Attach the panel to the 2x4 pieces with $1\frac{1}{4}$ " pocket hole screws and wood glue. The back of the panel should be flush with the back of the aprons. Build two side assemblies.



x2

2

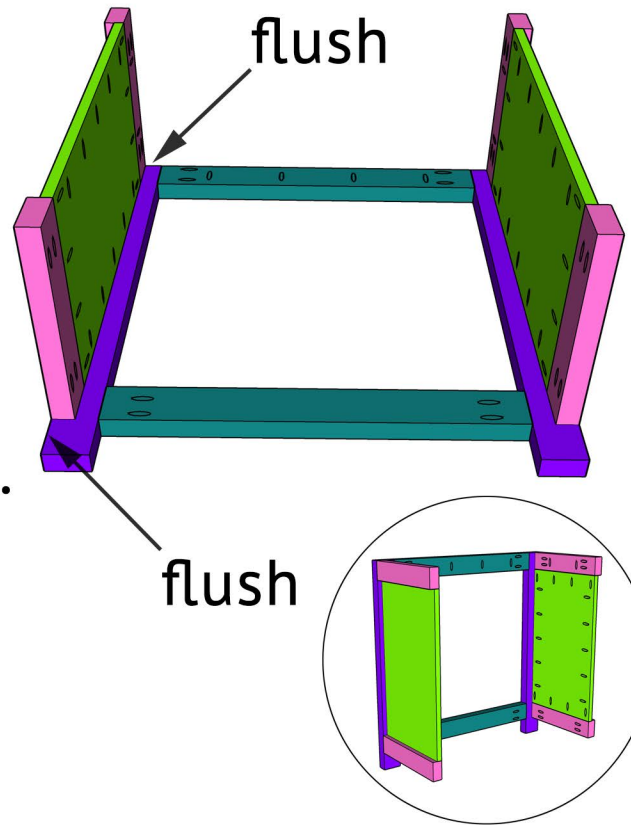
Cut the cabinet frame pieces to size and drill $1\frac{1}{2}$ " pocket holes at both ends of the horizontal pieces and one edge of the top horizontal piece. Attach them together with $2\frac{1}{2}$ " pocket hole screws and wood glue. The bottom horizontal piece should be 3" from the bottom of the legs. Build 2 frames.



x2

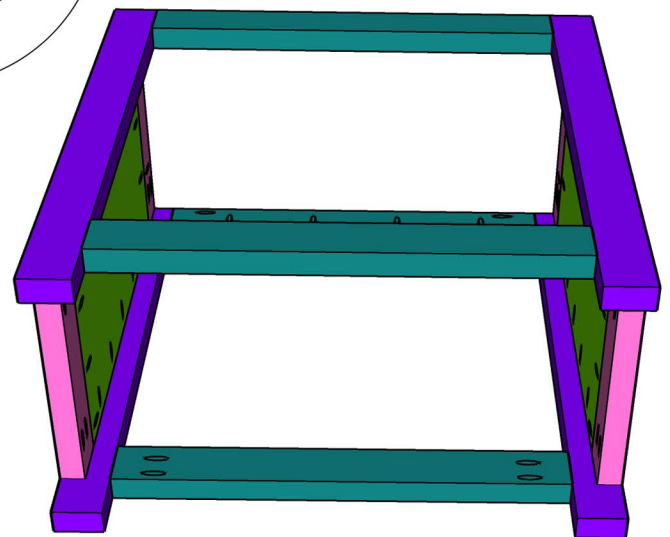
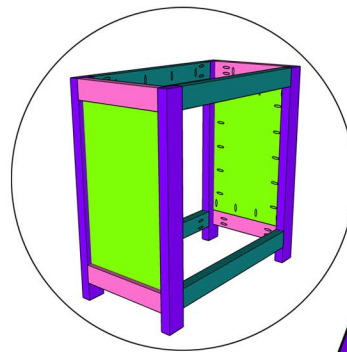
3

Attach a side panel to each side of the cabinet frame. Attach with 1 1/4" pocket hole screws through the panels and 2 1/2" pocket holes through the aprons. Use wood glue. The side aprons should be flush with the frame legs and the top aprons should be flush.



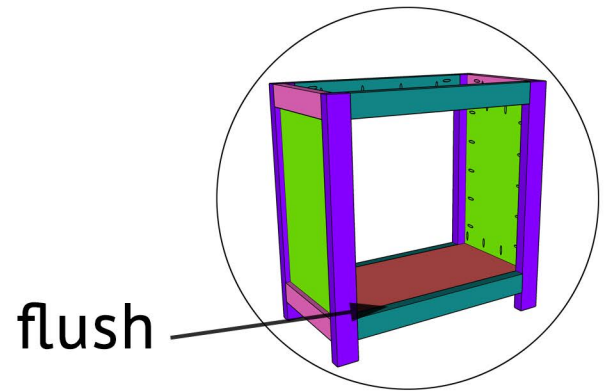
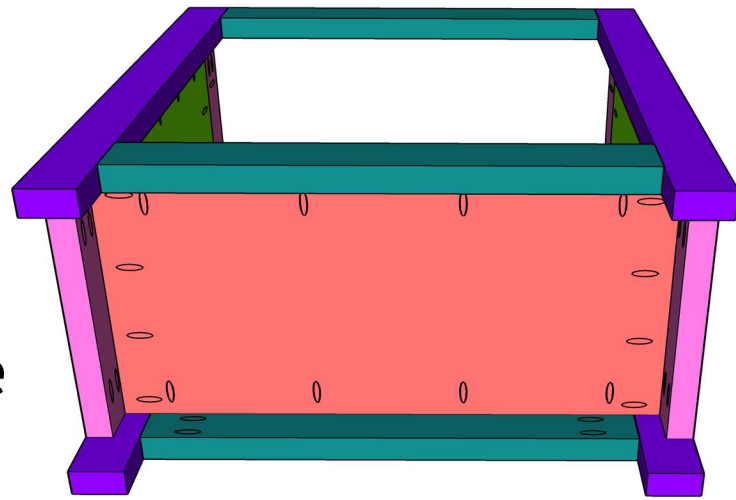
4

Attach the second cabinet frame to the side panels with 1 1/4" pocket hole screws 2 1/2" pocket hole screws and wood glue.



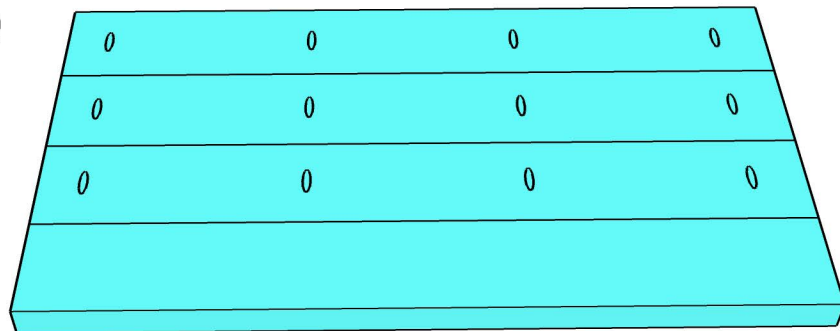
5

Measure and cut the bottom panel to size. Drill $\frac{3}{4}$ " pocket holes around the edge and attach it to the inside of the cabinet frame with $1\frac{1}{4}$ " pocket hole screws and wood glue. The bottom panel should be flush with the top of the bottom apron.



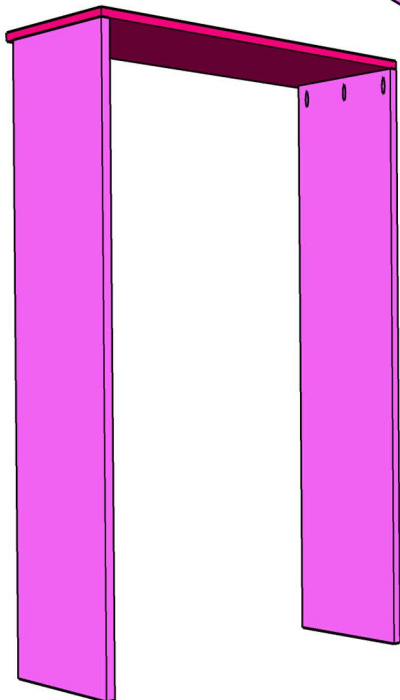
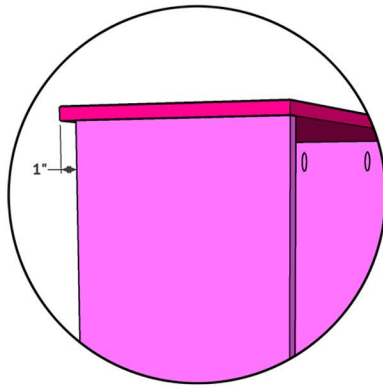
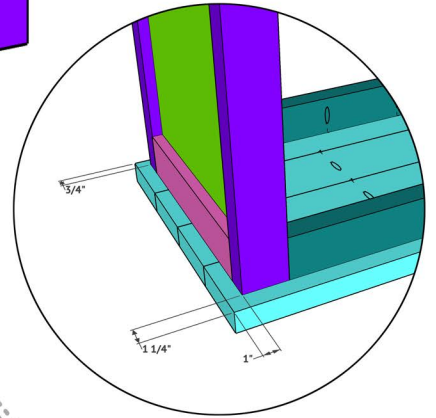
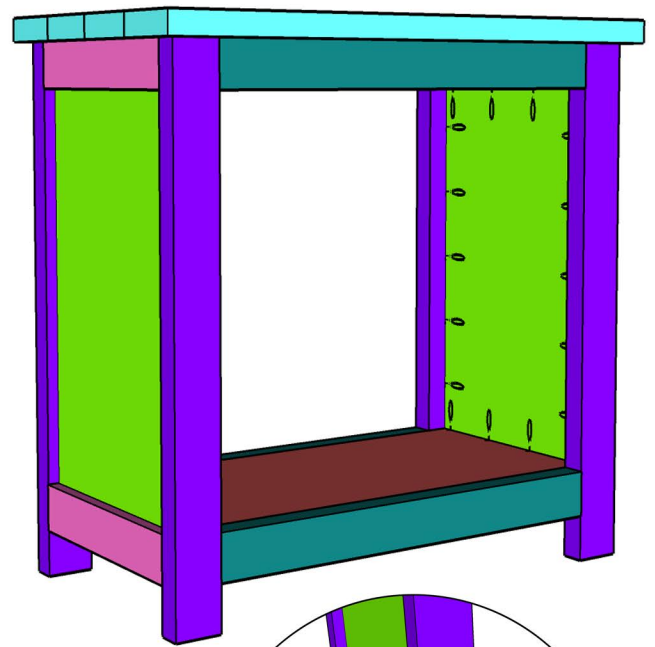
6

Cut the top planks to size and drill $1\frac{1}{2}$ " pocket holes on one edge of three of the boards. Attach them together with $2\frac{1}{2}$ " pocket holes.





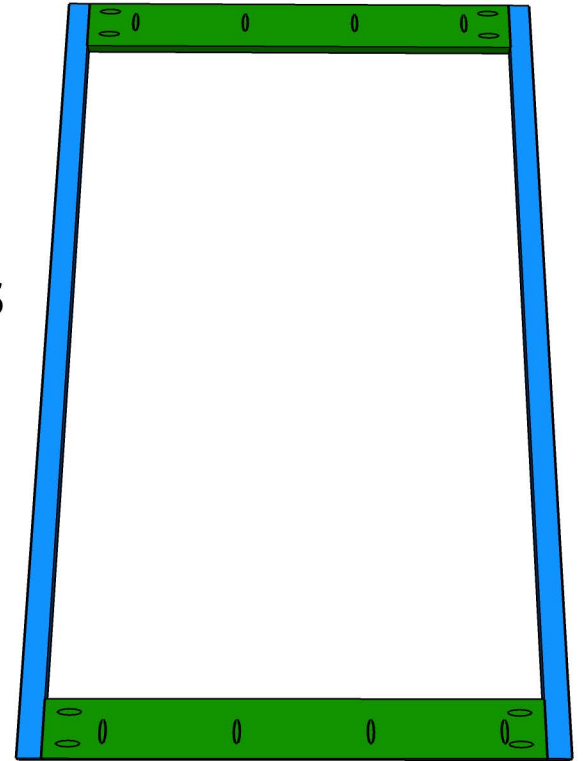
Attach the top to the cabinet base with 2 1/2" pocket holes from the inside of the aprons and into the planked tops. There should be a 1" overhang on both sides, 1 1/4" on the front and 3/4" on the back.



Cut the hutch side panels and top to size. Drill 3/4" pocket holes at one end of both side pieces. Attach the top to the side pieces with 1 1/4" pocket hole screws and wood glue. The front of the top piece should be flush with the front of the side panels. The back of the top piece should overhang a 1".

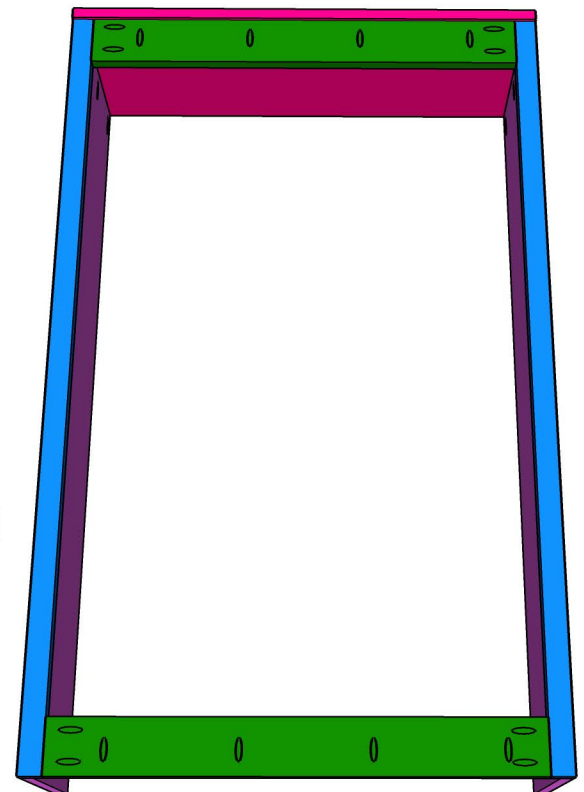
9

Cut the hutch back frame pieces to size and drill 3/4" pocket holes at both ends and one edge of the horizontal pieces. Attach them to the vertical pieces with 1 1/4" pocket hole screws and wood glue.



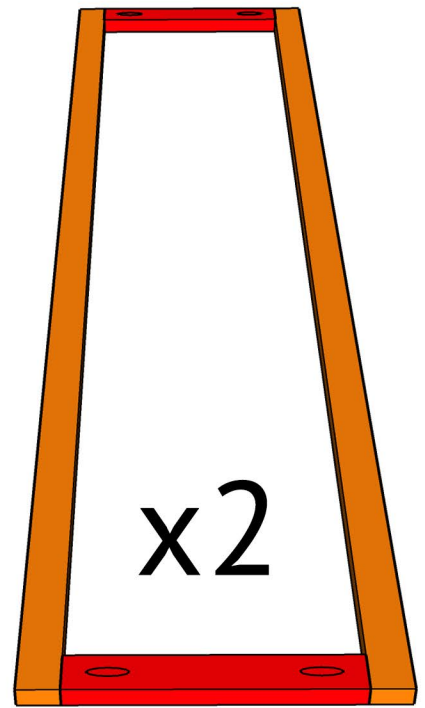
10

Flip the hutch on it's front side (so that the overhang is facing up) and attach the back frame to the hutch. Use 1 1/4" pocket holes and wood glue to attach the frame to the top of the hutch and 1 1/4" brad nails and wood glue to attach it to the side panels. the side of frame should be flush with the side panels.



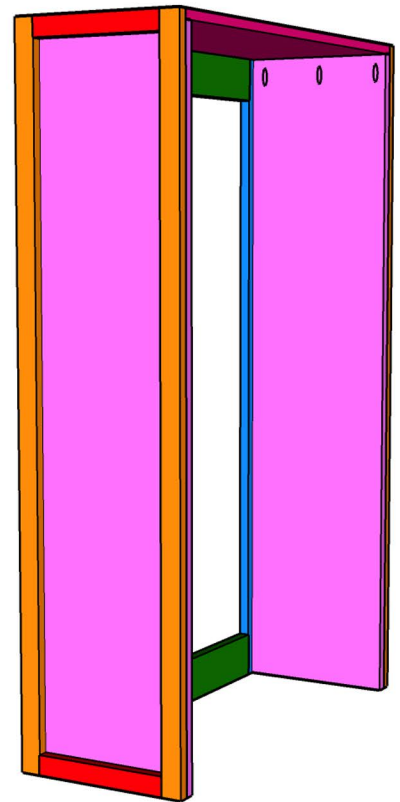
11

Measure and cut the side trim pieces to size and drill $\frac{3}{4}$ " pocket holes at each end of both short trim pieces. Attach them to the long trim pieces with $1 \frac{1}{4}$ " pocket hole screws and wood glue. Build two side frame assemblies.



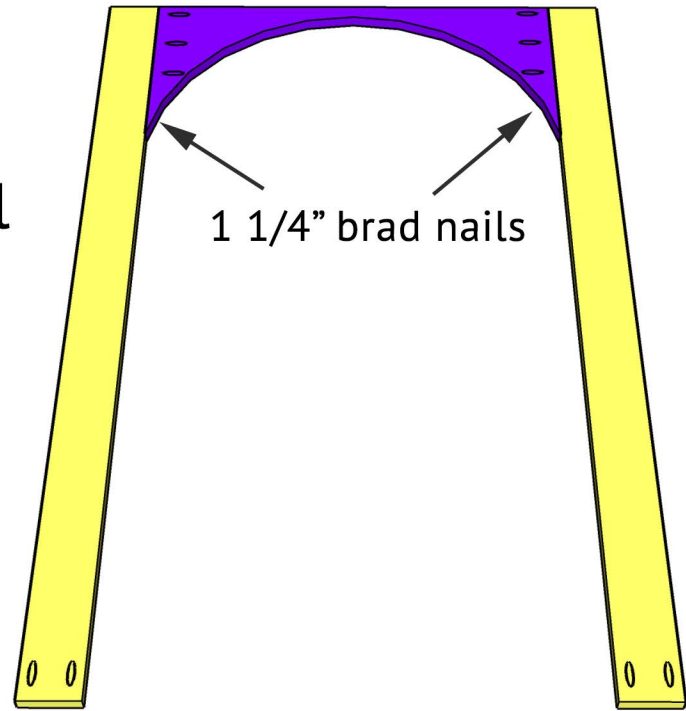
12

Attach the side trim assemblies to the sides of the hutch with $1 \frac{1}{4}$ " brad nails and wood glue.



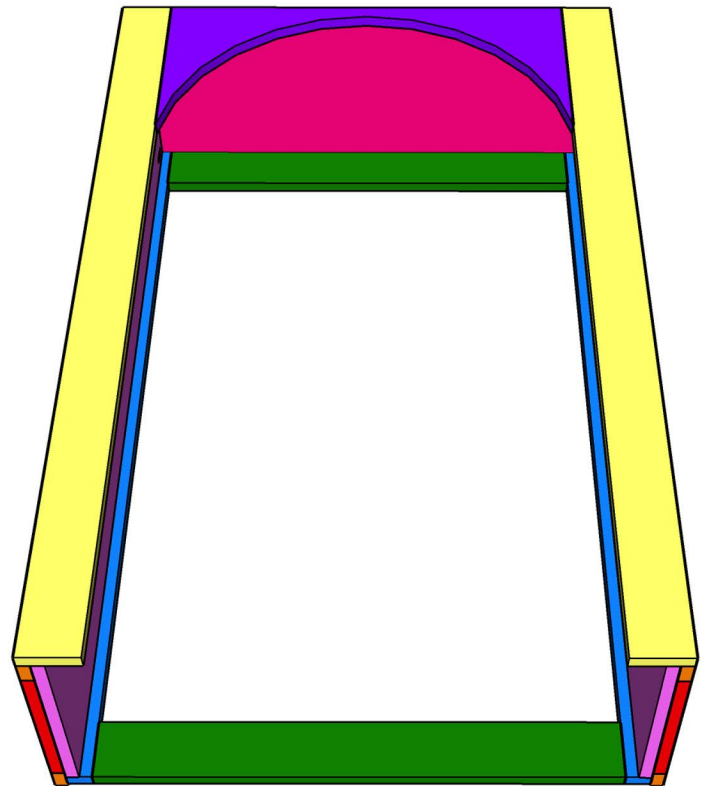
13

Measure and cut the hutch face frame pieces to size. Drill $\frac{3}{4}$ " pocket holes at the ends of both of the arch piece and one end of the long boards. Attach the long face frame pieces to the arch with $1\frac{1}{4}$ " pocket hole screws and wood glue. Add a few $1\frac{1}{4}$ " brad nails towards the bottom of the arch, securing the arch to the long trim pieces.



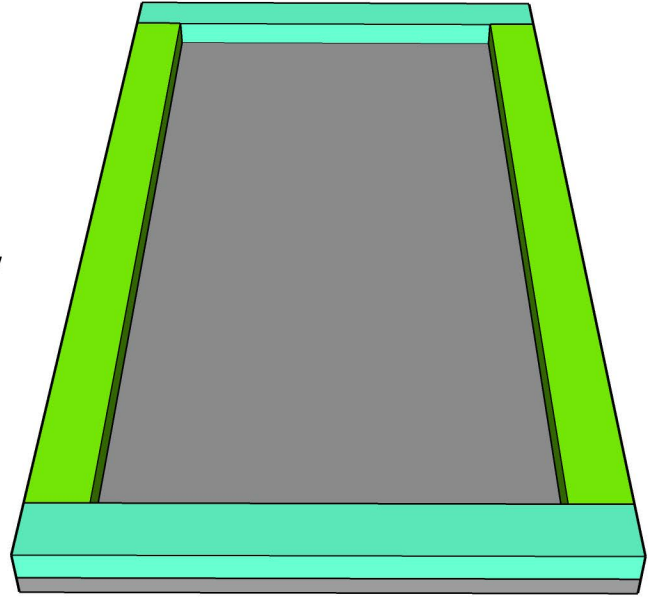
14

Attach the hutch face frame to the front of the hutch with $1\frac{1}{4}$ " brad nails and wood glue.



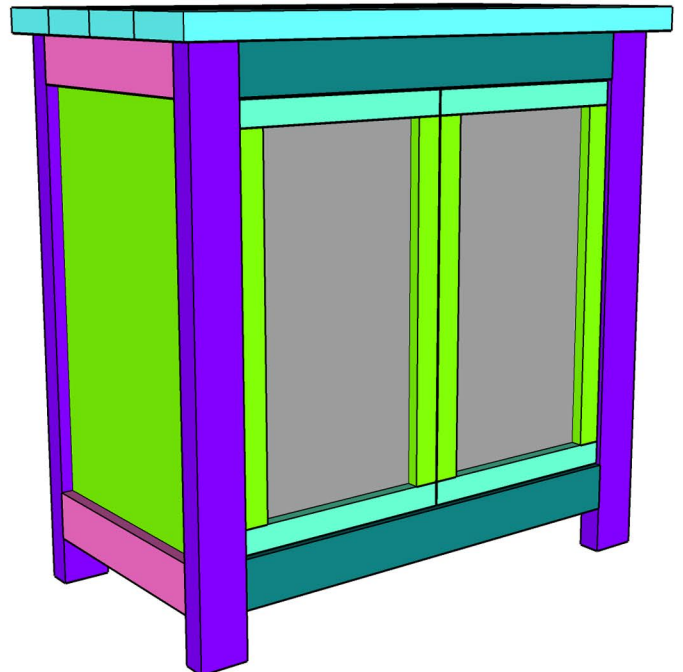
15

Cut the door panels to size then measure and cut the door trim size. The doors should have a 1/8" gap around all sides. Attach the door trim to the door panels with 1 1/4" brad nails and wood glue.



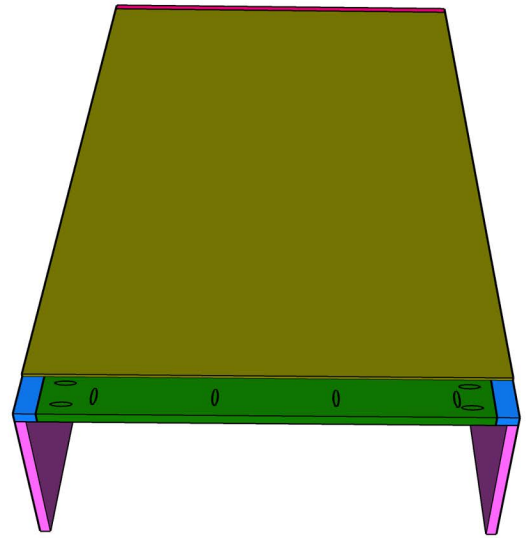
16

Attach the doors to the cabinet with the cabinet hinges. I waited until after painting the cabinet to attach.





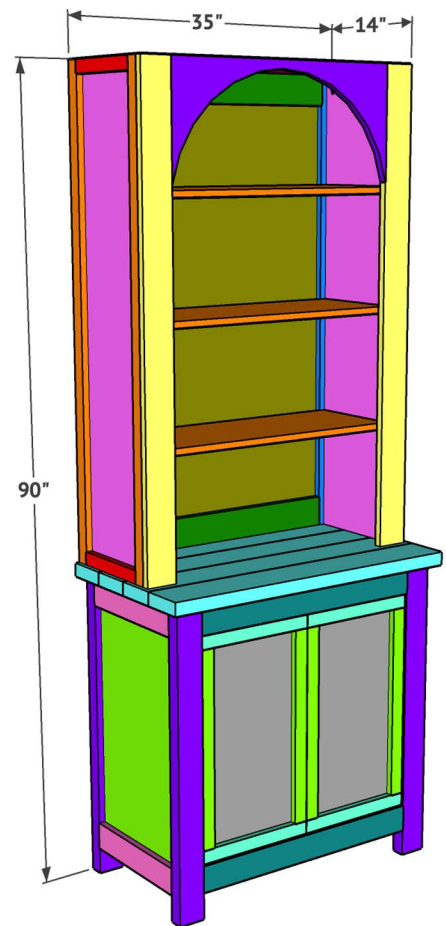
Cut the beadboard panel to size and attach it to the back of the hutch with 1" staples and wood glue. I stained the beadboard before attaching.



Attach the hutch to the cabinet base with 1 1/4" pocket hole screws through the pocket holes on the back frame of the hutch and into the cabinet top. Follow up with 1 1/4" pocket holes from the inside of the hutch face frame and into the cabinet top.

Fill any exposed nail holes, sand the entire piece down, give it a finish and add hardware!

Make sure to share your builds with us on social media and use #shanty2chic so we can share them too!



Happy Building!