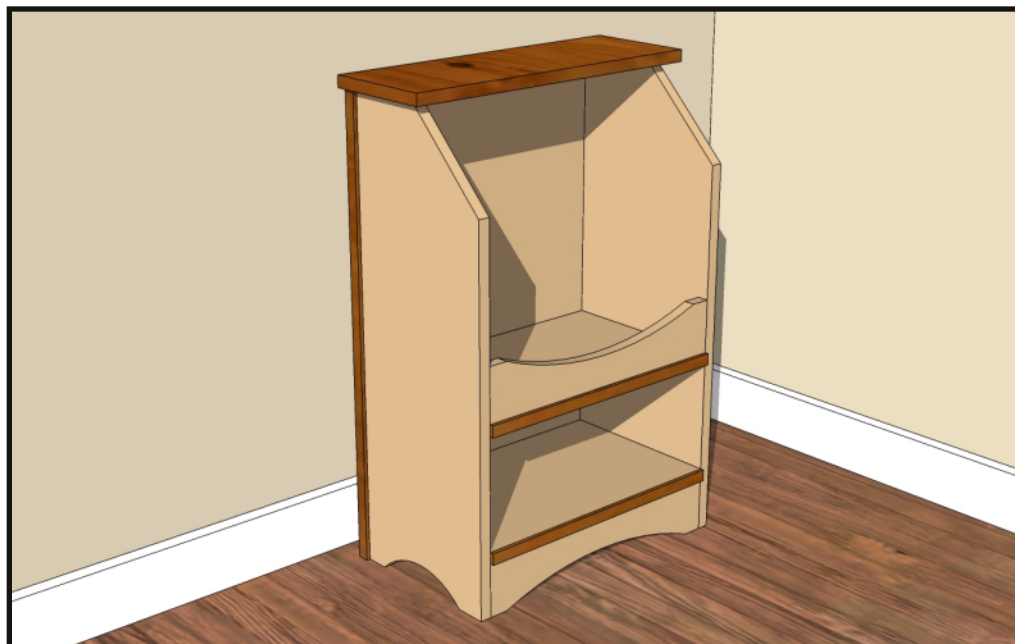


CHIEF'S SHOP PLAN OF THE WEEK

READY FOR SCHOOL STAND



ABOUT THESE PLANS

On this first page you will see above the project complete. On the last page you'll find the finished outer dimensions. Be sure to read ALL of the project steps before you start.

To the right is a list of the Lumber, Hardware/Supplies, and Tools you will need to complete this project. A measuring tape and pencil are not included because that should be pretty standard and self explanatory.

Below What You'll Need is the Parts list. This also is included on the Cutting Diagram page, which is the next to last page of this plan document. Also on the Cutting Diagram page is an estimate of the cost of the lumber. This estimate doesn't include any other supplies and does not factor in sales tax.

Throughout these plans you'll find the icons below:



LAYOUT This indicates a diagram detailing the dimensions of a project part and/or the placement for pocket holes, screws, nails, etc.



NOTE Notes are the instructions for a particular step/section of the project.



TAKE CARE! This indicates when to pay close attention to the diagrams, take precautions for safety, etc.



MORE PLANS

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VIDEO?

Check out Chief's Shop Videos on YouTube. ([click here](#))

WHAT YOU'LL NEED



LUMBER

2 - 1/4 x 3/4 x 8
screen moulding
1 - 1 x 4 x 4
1 - 1 x 8 x 2
1 - 1 x 12 x 2
1 - 1 x 12 x 8
1 - 1/4-inch x 2- x 4-foot
sheet of plywood
(availability will vary)

HARDWARE/SUPPLIES

Kreg 1 1/4" pocket hole screws
3/4" brads
wood glue
paint/stain/
sealer/polyurethane

TOOLS

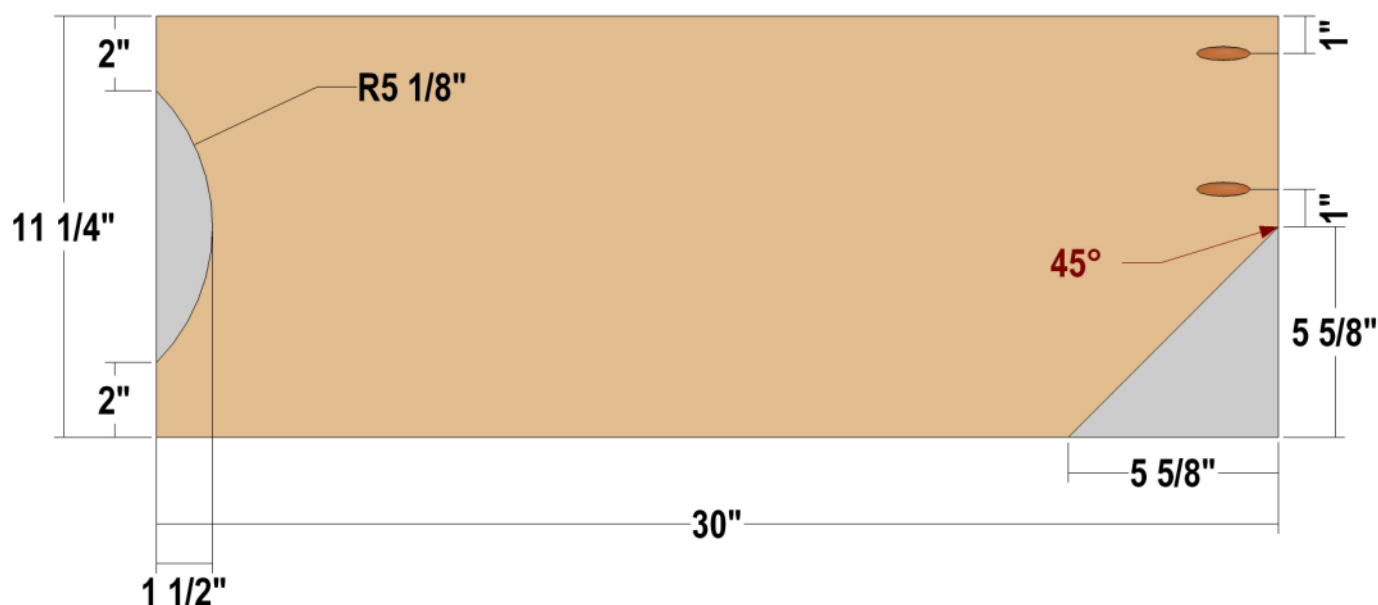
table saw or circular saw
miter saw
jigsaw or band saw
sander/belt sander
drill/driver
Kreg Jig
clamps
square
flexible metal ruler

PARTS

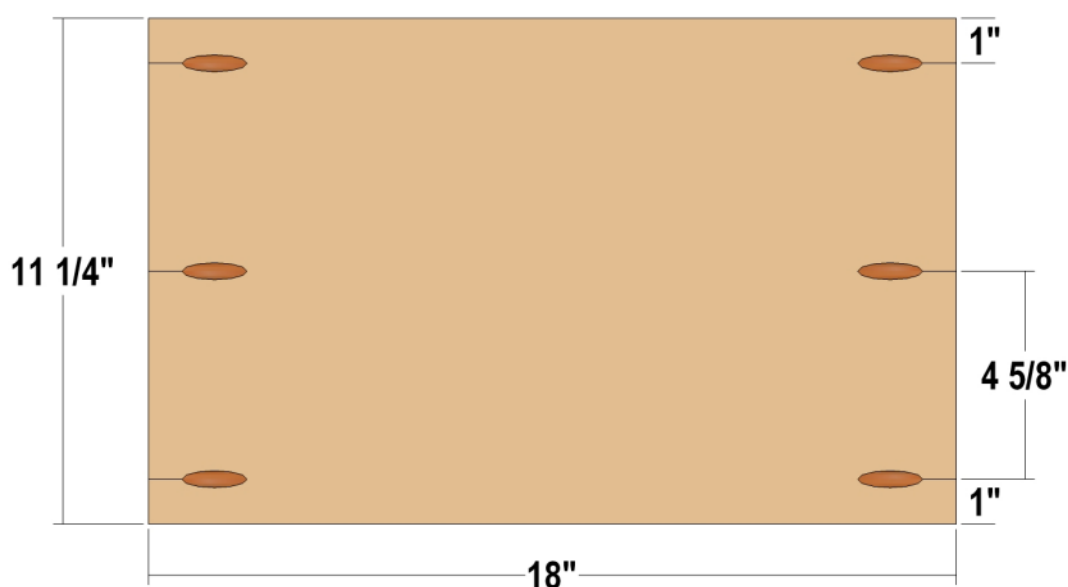
End Panels (2) - 3/4 x 11 1/4 x 30
Shelves (2) - 3/4 x 11 1/4 x 18
Rails (2) - 3/4 x 3 1/2 x 18
Top (1) - 3/4 x 7 1/4 x 24
Back Panel (1) - 1/4 x 19 1/2 x 30
Side Trim (2) - 1/4 x 3/4 x 30
End Trim (2) - 1/4 x 3/4 x 18

All parts are listed in actual dimensions. Refer to the Cutting Diagram on the last page of this plan as a guide for determining the specific board from which to cut the parts.

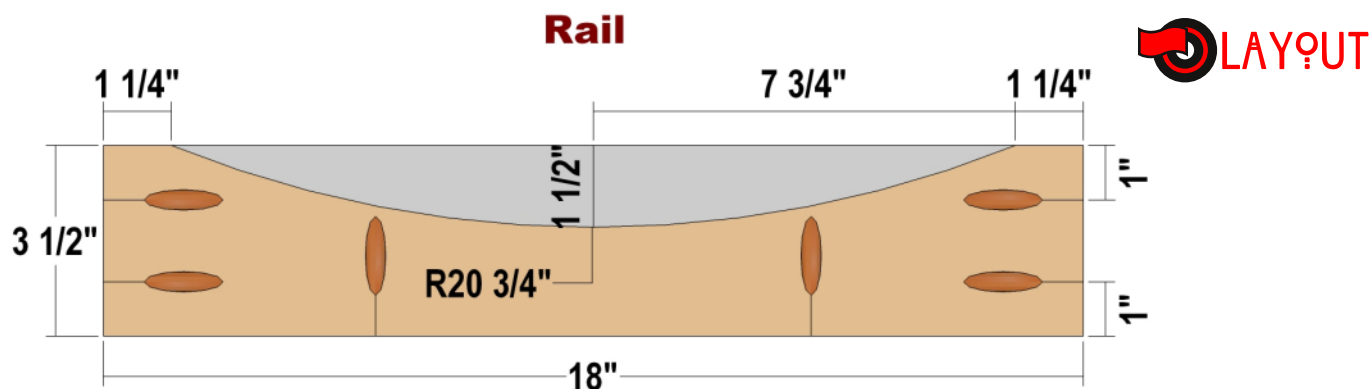
End Panel



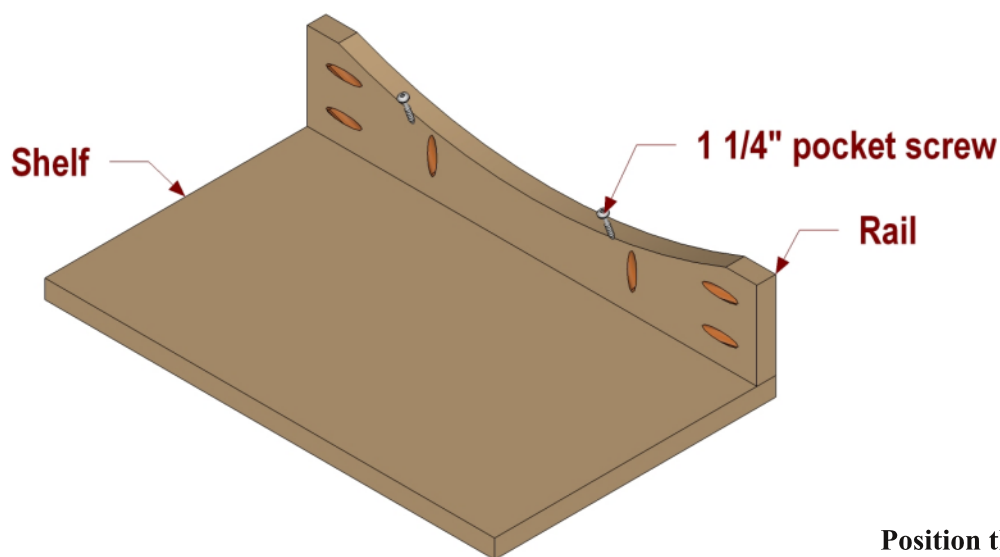
Shelf



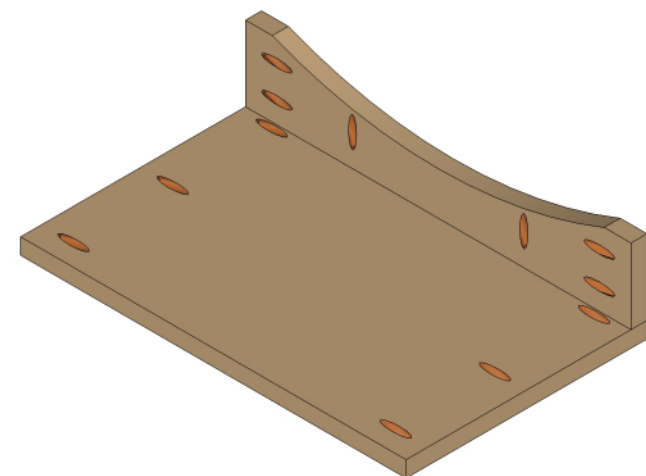
Use the layouts for creating the End Panels and Shelves. **Set your Kreg Jig and drill bit for 3/4" stock.** *Create one End Panel as a mirror image of the layout above. Use a flexible metal ruler to mark the arc on the bottom of the End Panels and cut it using a jigsaw or band saw.*



Use the layout for creating the Rails. Set your Kreg Jig and drill bit for 3/4" stock. Use a flexible metal ruler to mark the arc on the Rails and cut it using a jigsaw or band saw.

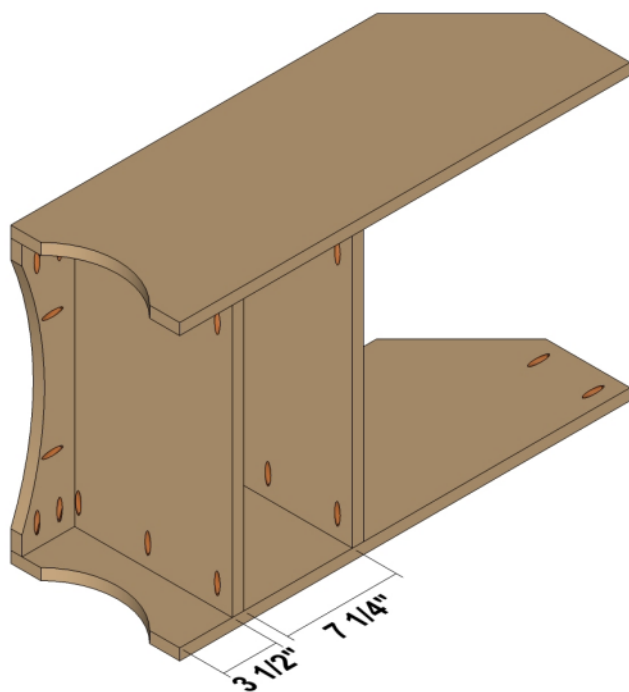
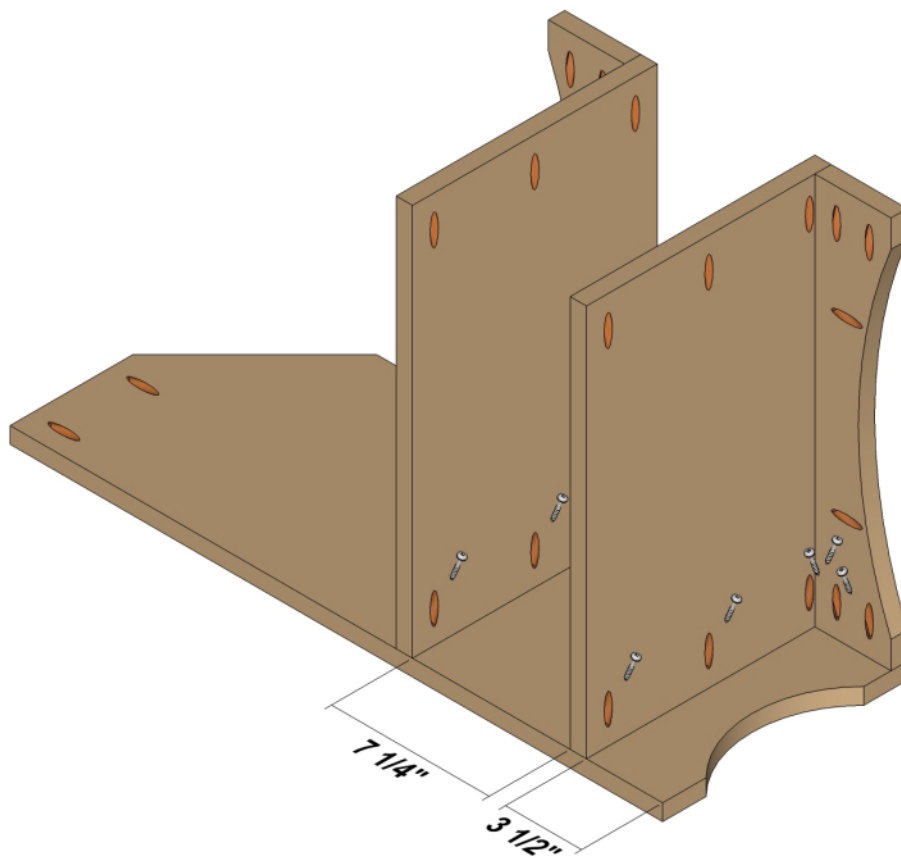


Position the parts as shown and attach using glue and 1 1/4" pocket hole screws. Note that one shelf is positioned with the pocket holes facing away from the rail, and one shelf is positioned with the pocket holes facing toward the rail. The bottom left assembly shown here will be positioned at the bottom of the overall assembly, as you will see on the next page.



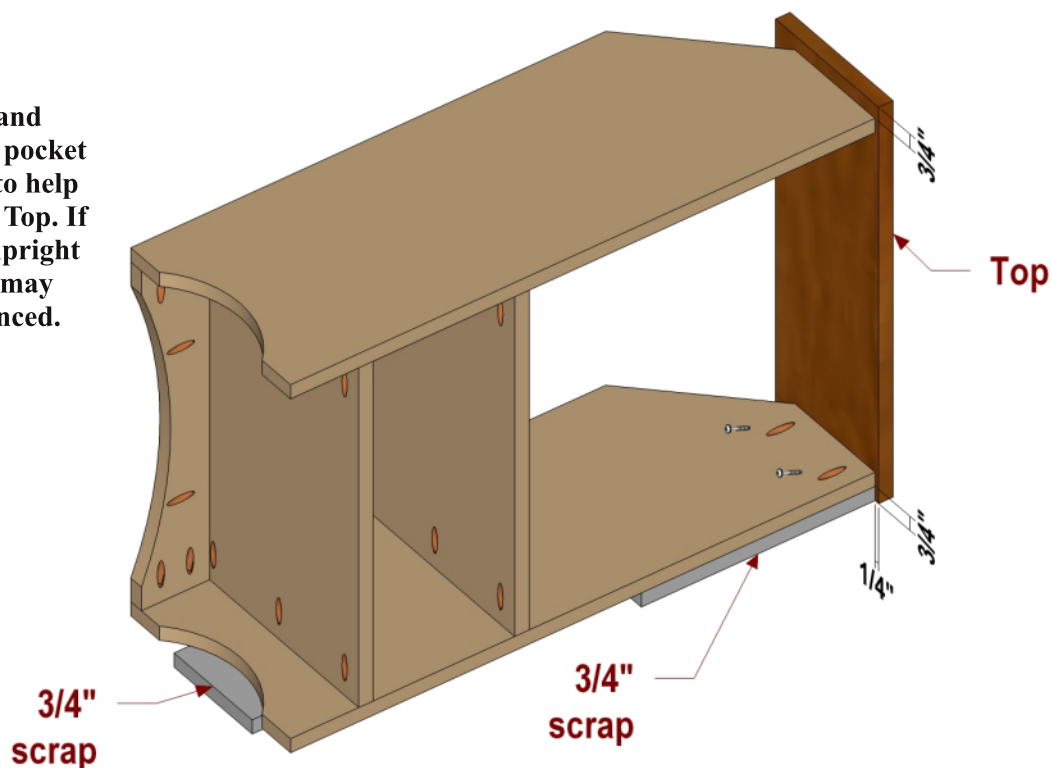
NOTE

Position the parts as shown and attach using glue and 1 1/4" pocket hole screws. Note that the two shelf/rail assemblies are positioned differently -- one with the rail arc facing up, and one with the rail arc facing down. Use a square and clamps during assembly. It will help to attach the bottom shelf/rail assembly (the one with the pocket holes on the shelf facing toward the rail) first.



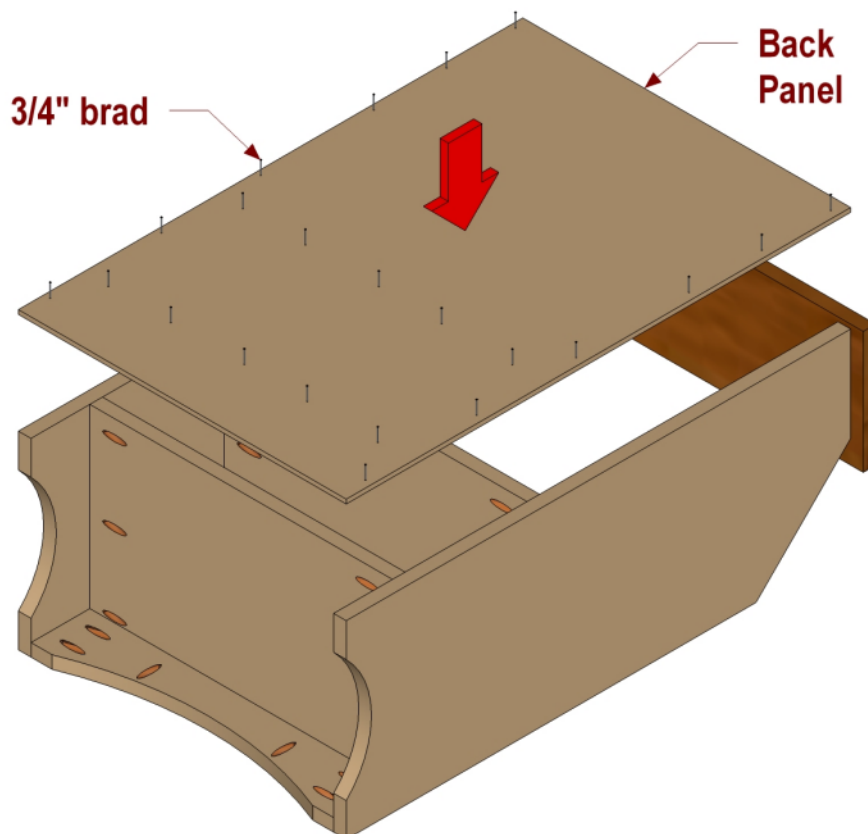
NOTE

Position the parts as shown and attach using glue and 1 1/4" pocket hole screws. Use 3/4" scrap to help create the 3/4" offset for the Top. If you try to set the assembly upright while attaching the Top you may have trouble keeping it balanced.



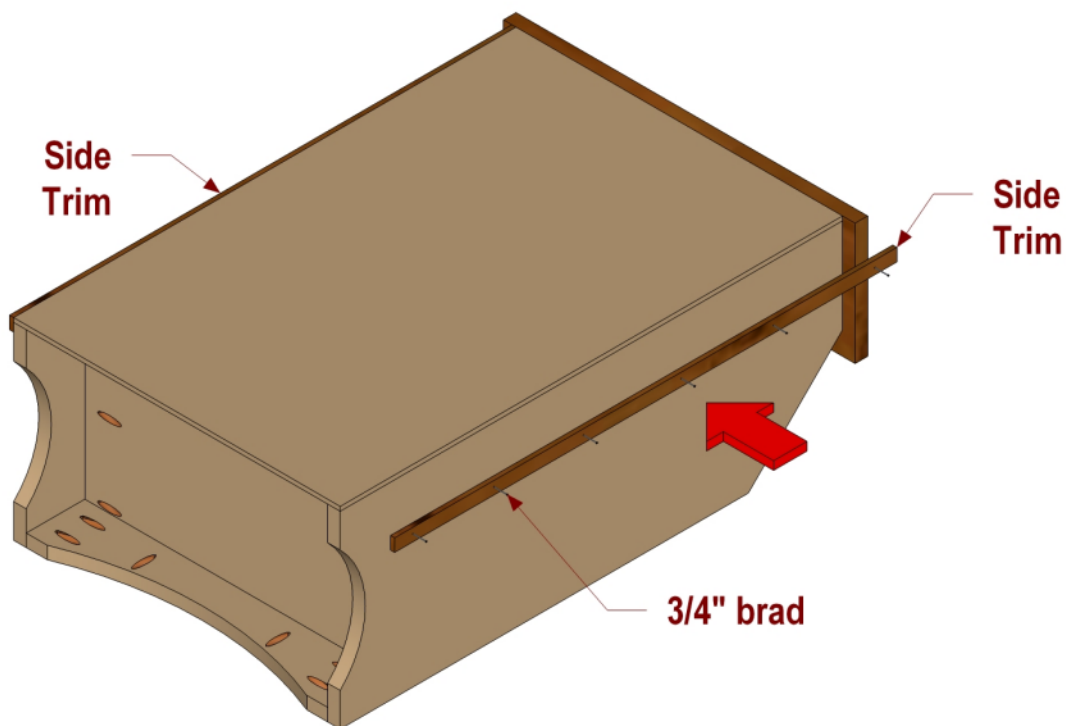
NOTE

Measure the width of the assembly and adjust the size of the Back Panel if needed. Position flush with the edges and ends of the End Panels and attach using glue and 3/4" brads. Be sure to drive brads through the Back Panel and into the Shelves and End Panels.



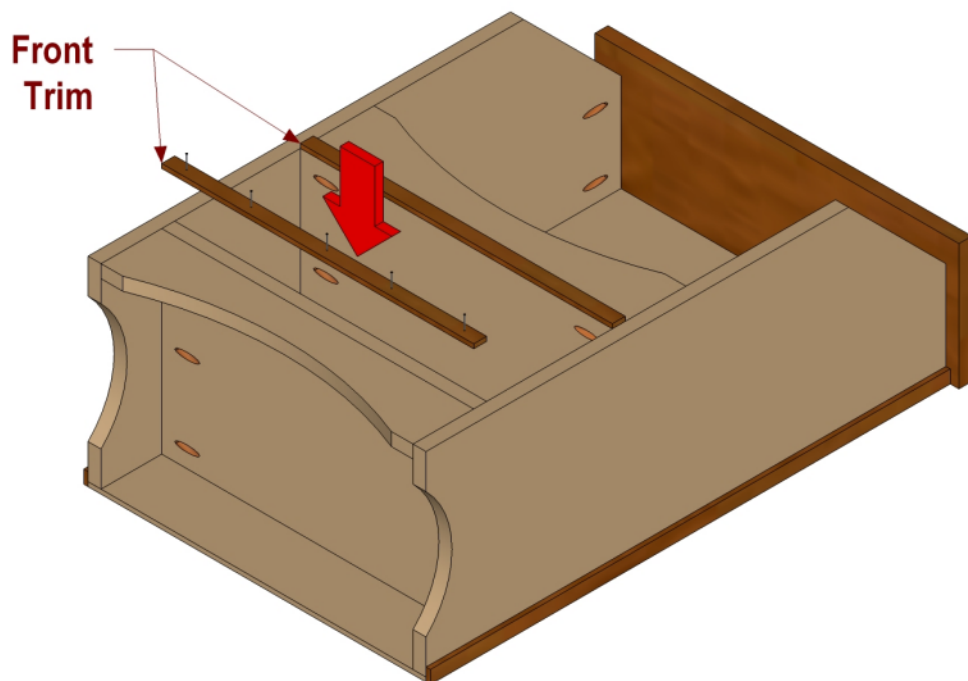
NOTE

Position the Side Trim flush with the back edge and ends of the Back Panel and attach using glue and 3/4" brads. Be sure to drive the brads through the Side Trim and into the End Panels. Driving the brads into the Back Panel could cause it to split.



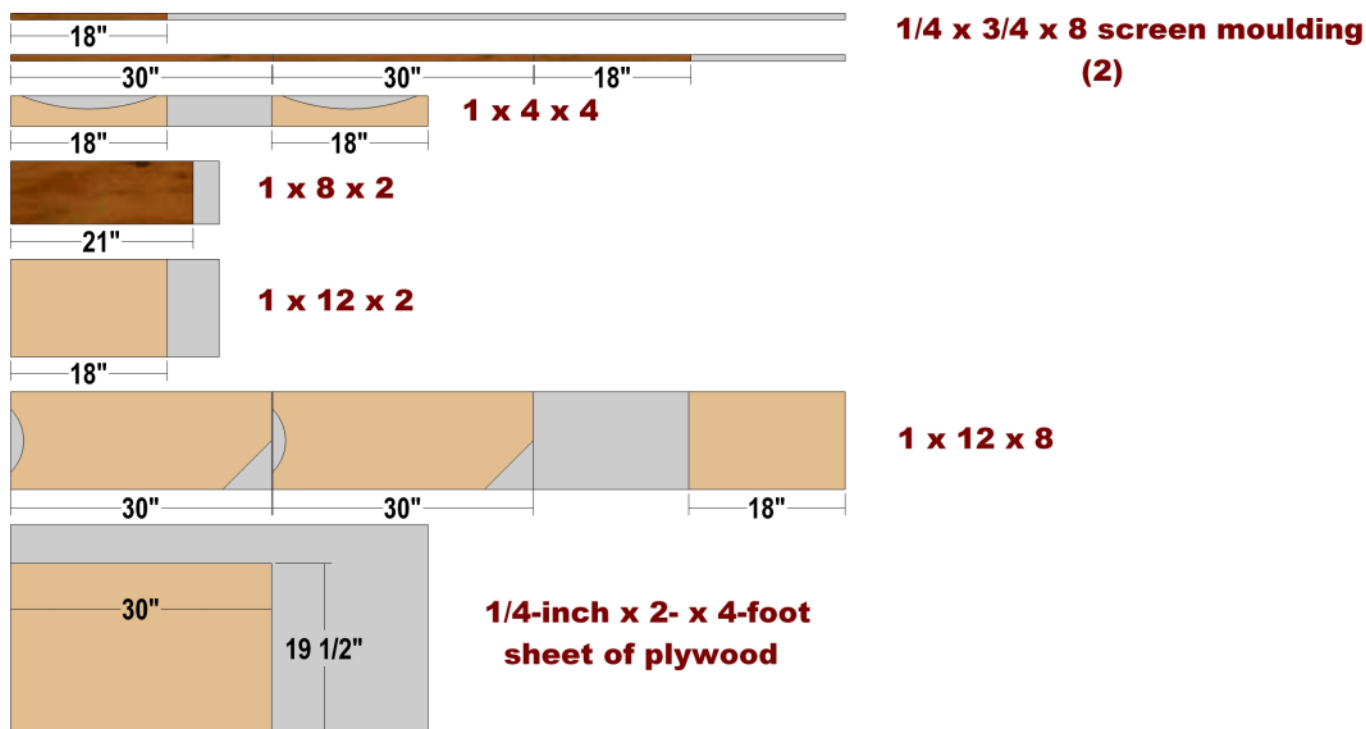
NOTE

Position the Front Trim on the front edge of the Shelves and attach using glue and 3/4" brads.





CUTTING DIAGRAM



PARTS

End Panels (2) - 3/4 x 11 1/4 x 30
 Shelves (2) - 3/4 x 11 1/4 x 18
 Rails (2) - 3/4 x 3 1/2 x 18
 Top (1) - 3/4 x 7 1/4 x 24
 Back Panel (1) - 1/4 x 19 1/2 x 30
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All parts are listed in actual dimensions. Refer to the Cutting Diagram on the last page of this plan as a guide for determining the specific board from which to cut the parts.



TAKE CARE!

Follow ALL SAFETY GUIDELINES AND RECOMMENDATIONS provided by the manufacturers of your tools, and any chemicals such as glue and finishes you use in this project. **YOU** are responsible for your safety, so use common sense when working in the shop!

