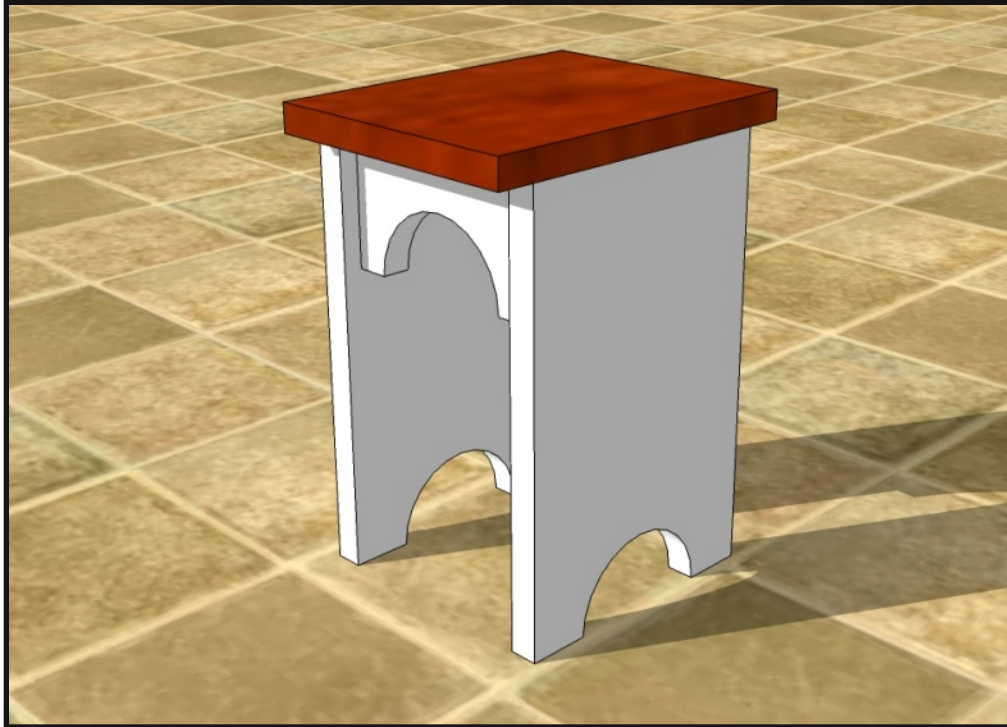


CHIEF'S SHOP PLAN OF THE WEEK



SIMPLE WOODWORKING: MULTIPURPOSE STAND



WHAT YOU'LL NEED



LUMBER

1 - 1 x 8 x 4

(availability will vary)

HARDWARE/SUPPLIES

1 1/4" pocket hole screws

1 1/4" wood screws

wood glue

paint/stain/polyurethane

TOOLS

miter saw or circular saw

drill/driver

4-inch hole saw bit

Kreg pocket hole jig

& drill bit

clamps

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.

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 last page of this plan document.

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.

PARTS

Sides (2) - 3/4 x 7 1/4 x 11 7/16

Rails (2) - 3/4 x 5 1/2 x 3 7/16

Top (1) - 3/4 x 7 1/4 x 9 1/4

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.



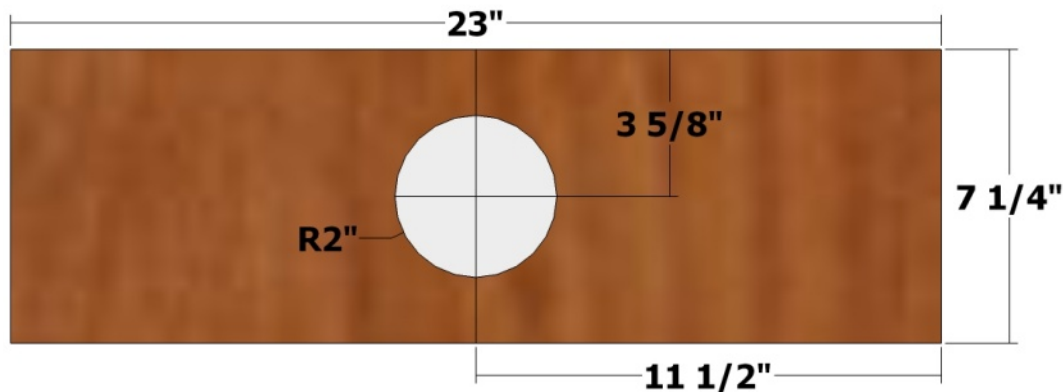
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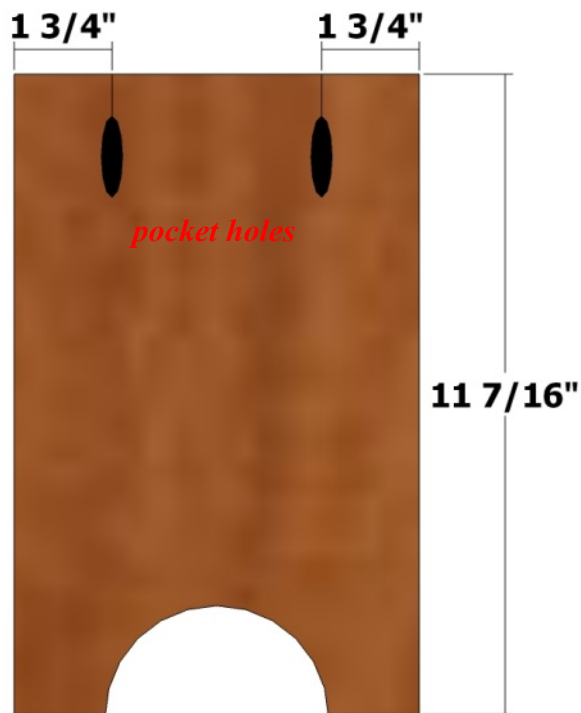
LAYOUT

Sides



NOTE

Cut a 23-inch section of the 1 x 8. Locate the center point, then use a 4-inch hole saw bit to create a hole in the center.

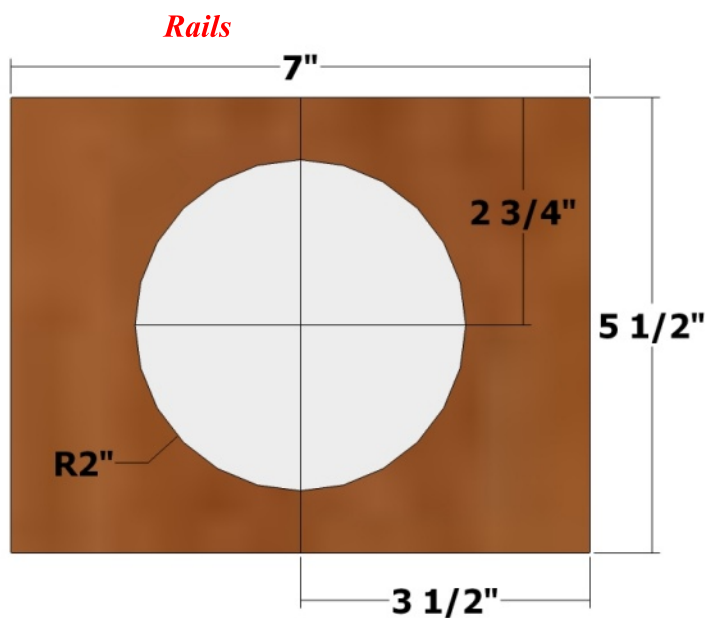


NOTE

Cut this section of 1 x 8 into two sections 11 7/16 inches long, cutting across the 4-inch hole. Drill two pocket holes on one end as shown. Be sure to set your pocket hole jig and drill bit for 3/4-inch stock.

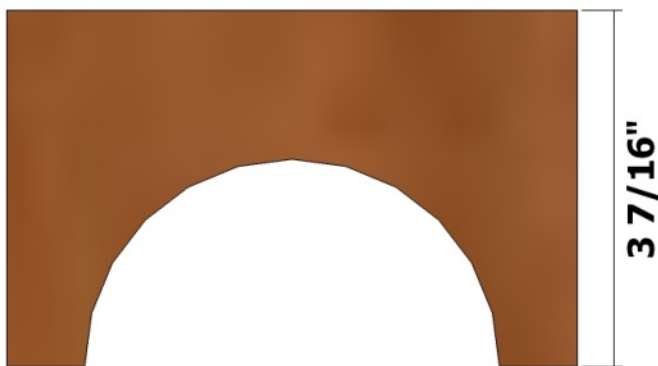


LAYOUT



NOTE

Cut a 5 1/2-inch section of the 1 x 8, then trim the 7 1/4-inch dimension to 7 inches. Locate the center point, then use a 4-inch hole saw bit to create a hole in the center.



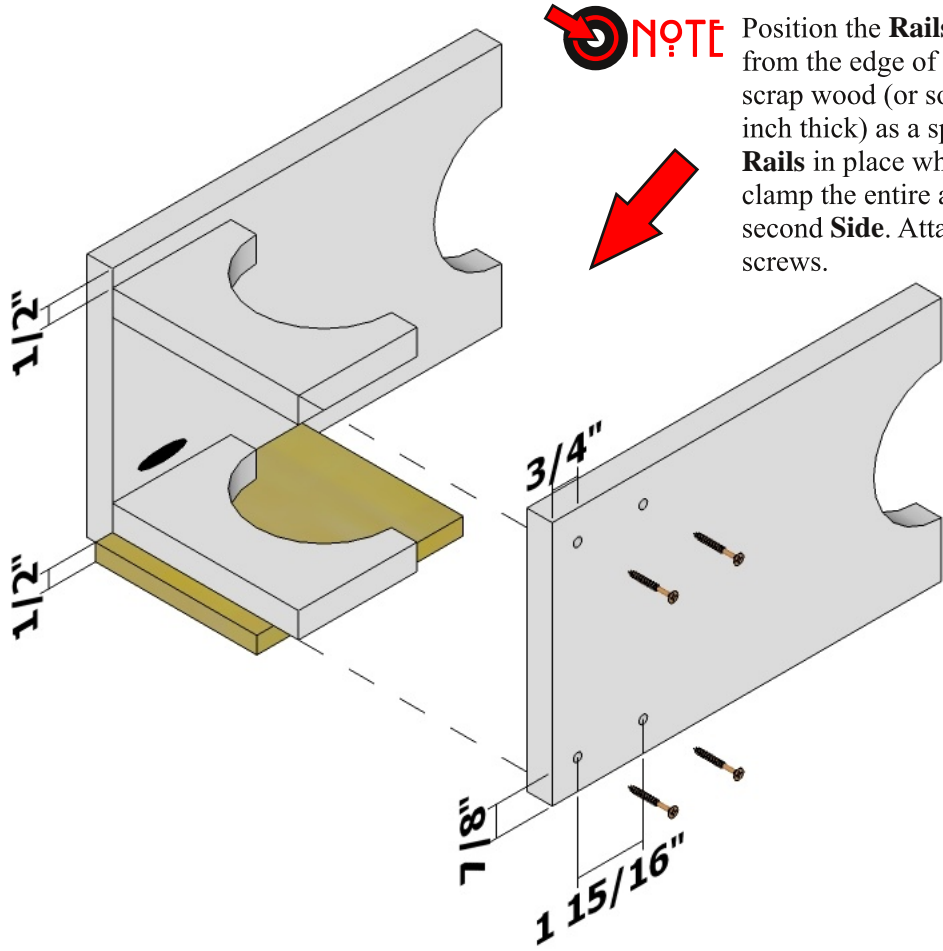
NOTE

Cut this section of 1 x 8 into two sections 3 7/16 inches long, cutting across the 4-inch hole.



TAKE CARE!

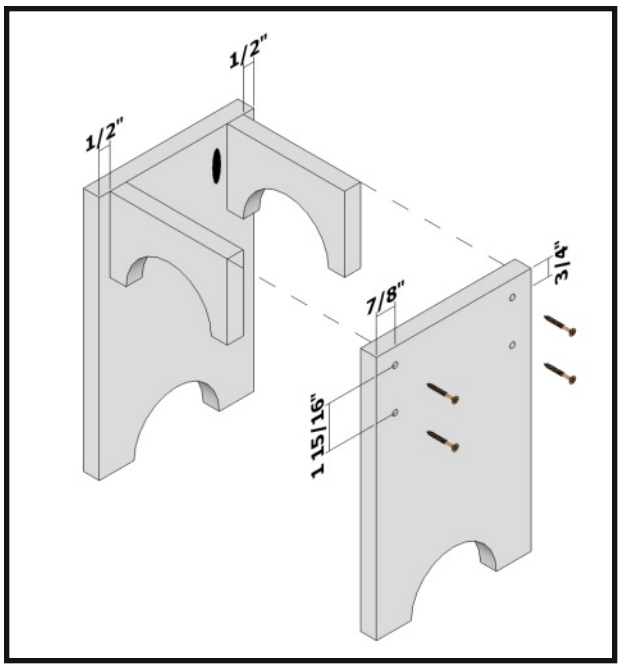
Be sure to clamp this part in place before cutting. Do not hold it in place with your hand.

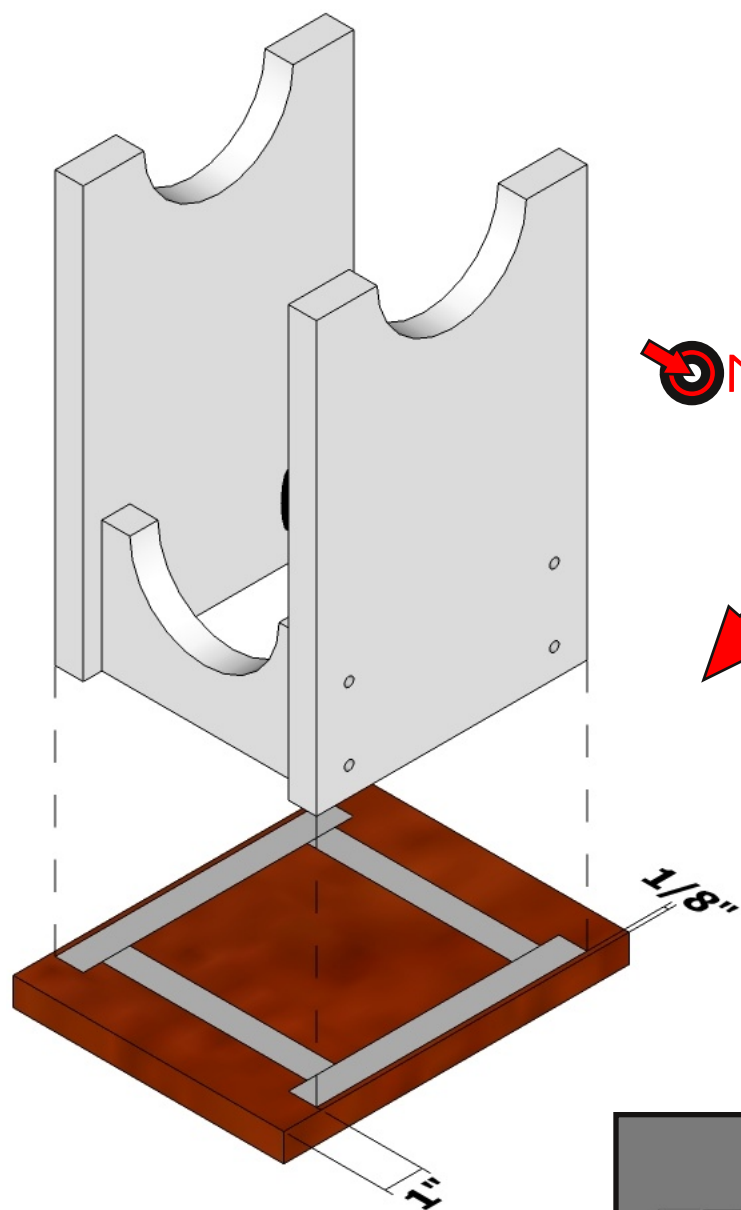


NOTE Position the **Rails** flush with the end and 1/2-inch from the edge of the **Sides**. Use a piece of 1/2-inch scrap wood (or some other substance measuring 1/2-inch thick) as a spacer during assembly. Clamp the **Rails** in place while attaching to the first **Side**, then clamp the entire assembly while attaching the second **Side**. Attach using glue and 1 1/4-inch wood screws.

TAKE CARE!
Drill countersunk pilot holes for the screws. Instead of screws, you can attach the **Sides** to the **Rails** using 1 1/2-inch brads or 4d nails. Follow the same positioning shown.

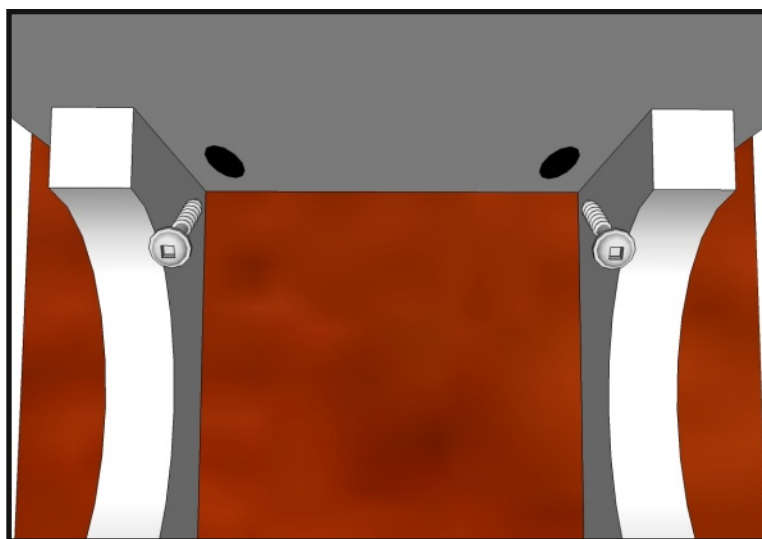
You can leave the screw holes open, or fill with wood filler or wood plugs. Paint or stain the **Base Assembly** as desired, but leave the ends of the assembly unfinished.



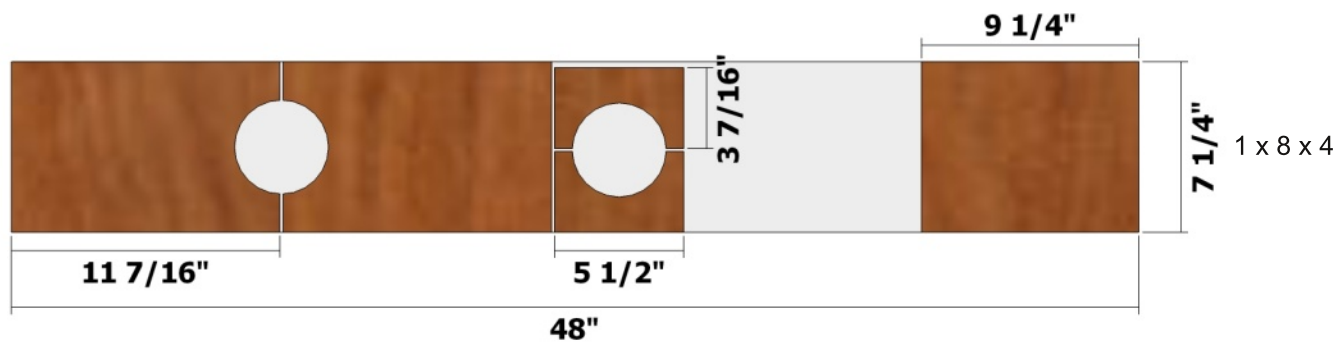


NOTE

Position the **Base Assembly** as shown (1-inch from the ends and 1/8-inch from the edges) on the **Top** and attach using glue and 1 1/4-inch pocket hole screws. If you stain or paint the **Top** a different color than the base, be sure to apply tape to the faces of the **Base Assembly** parts during application.



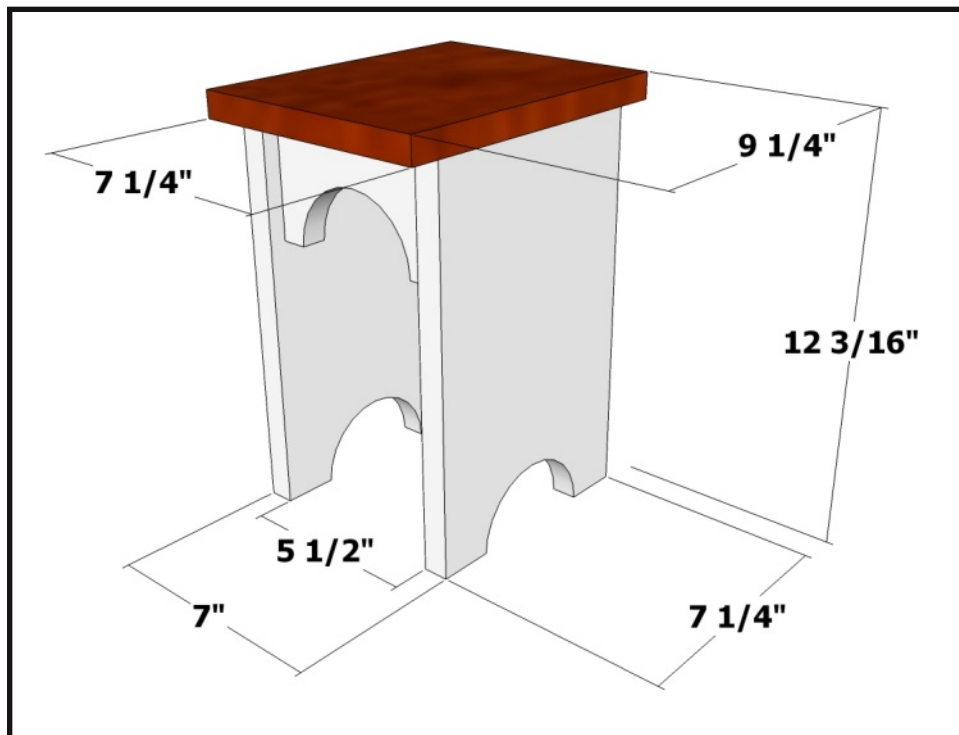
K CUTTING DIAGRAM



PARTS

Sides (2) - 3/4 x 7 1/4 x 11 7/16
 Rails (2) - 3/4 x 5 1/2 x 3 7/16
 Top (1) - 3/4 x 7 1/4 x 9 1/4

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.



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!