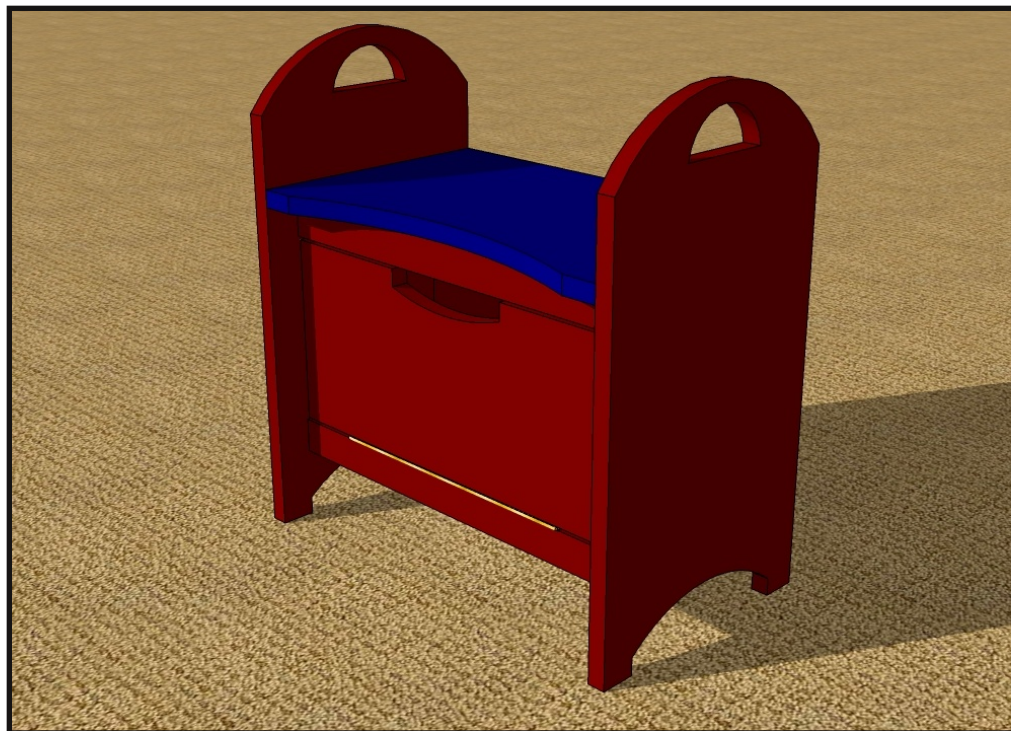


CHIEF'S SHOP PLAN OF THE WEEK



SIMPLE WOODWORKING: KID'S ACTIVITY STOOL



ABOUT THESE PLANS

On this first page you will see above the project complete with 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.

WHAT YOU'LL NEED



LUMBER

2 - 1 x 12 x 6

(availability will vary)

HARDWARE/SUPPLIES

1 1/4" pocket hole screws

#18 x 1 1/2 brads or

pocket hole plugs

12-inch continuous hinge

magnetic catch

wood glue

paint/stain/polyurethane

TOOLS

table saw, circular saw,

or miter saw

jig saw

pneumatic nail gun

drill/driver

Kreg pocket hole jig

& drill bit

clamps

compass/beam compass

PARTS

Sides (2) - 3/4 x 11 1/4 x 21

Rails (2) - 3/4 x 1 1/2 x 18

Bottom (1) - 3/4 x 6 3/4 x 18

Back (1) - 3/4 x 11 1/4 x 18

Seat (1) - 3/4 x 11 1/4 x 18

Door (1) - 3/4 x 8 x 17 3/4

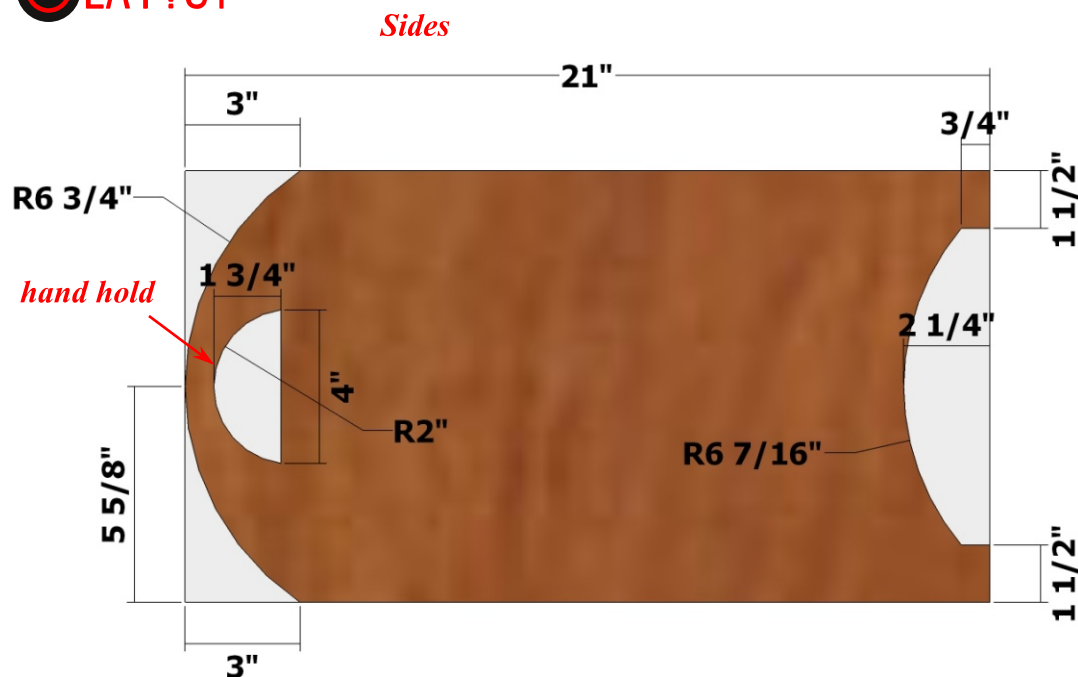
All parts are listed in actual dimensions. Refer to the Cutting Diagram on the last page of this plan as a guide for determining the specific board from which to cut the parts.

MORE PLANS

Want more Chief's Shop plans? Visit chiefsshop.wordpress.com and select "Plans" in the Blog Subjects box. Older plans can be found at chiefs-shop.com/plans.

Be sure to "Like" Chief's Shop on facebook by heading over to [facebook.com/ChiefsShop](https://www.facebook.com/ChiefsShop).

LAYOUT

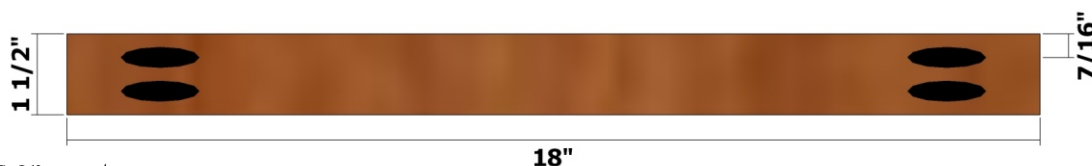


NOTE

Use the layout for measuring, marking, and cutting the **Sides**. Use a jig saw to cut the notch in the bottom. Drill a 3/8- to 1/2-inch pilot hole before cutting out the hand hold at the top. Create two.

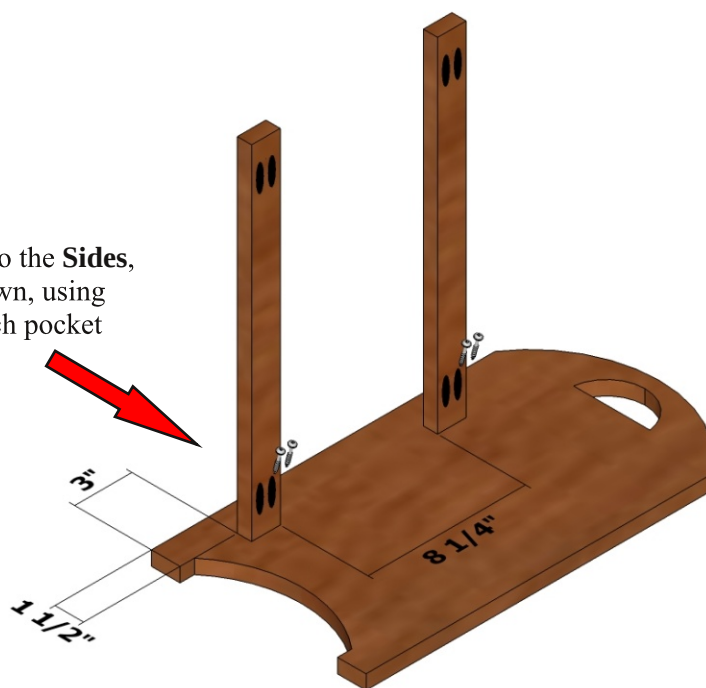
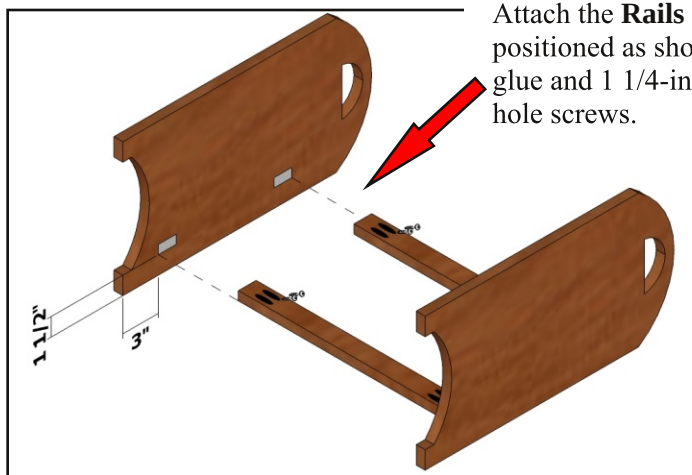
NOTE

Drill two pocket holes on each end of the **Rails**. Be sure to set your pocket hole jig and drill bit for 3/4-inch stock.

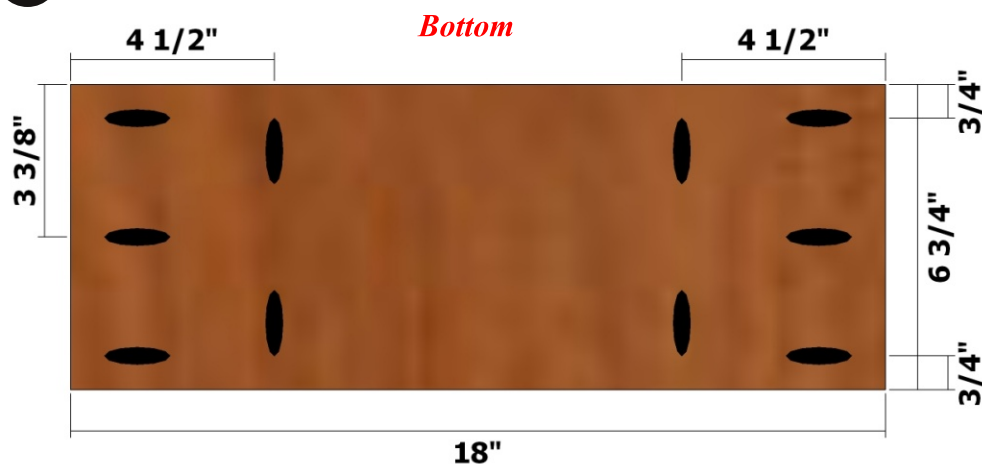


NOTE

Attach the **Rails** to the **Sides**, positioned as shown, using glue and 1 1/4-inch pocket hole screws.



LAYOUT



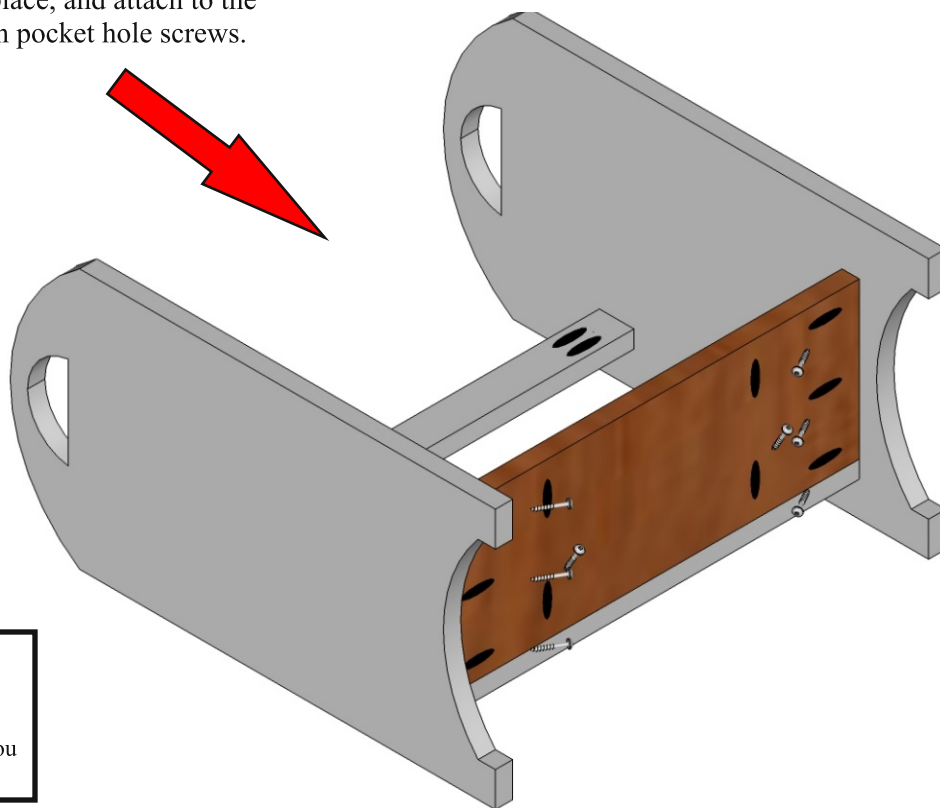
NOTE

Use the layout for measuring, marking, cutting, and drilling pocket holes in the **Bottom**. (Be sure to set your pocket hole jig and drill bit for 3/4-inch stock.)



NOTE

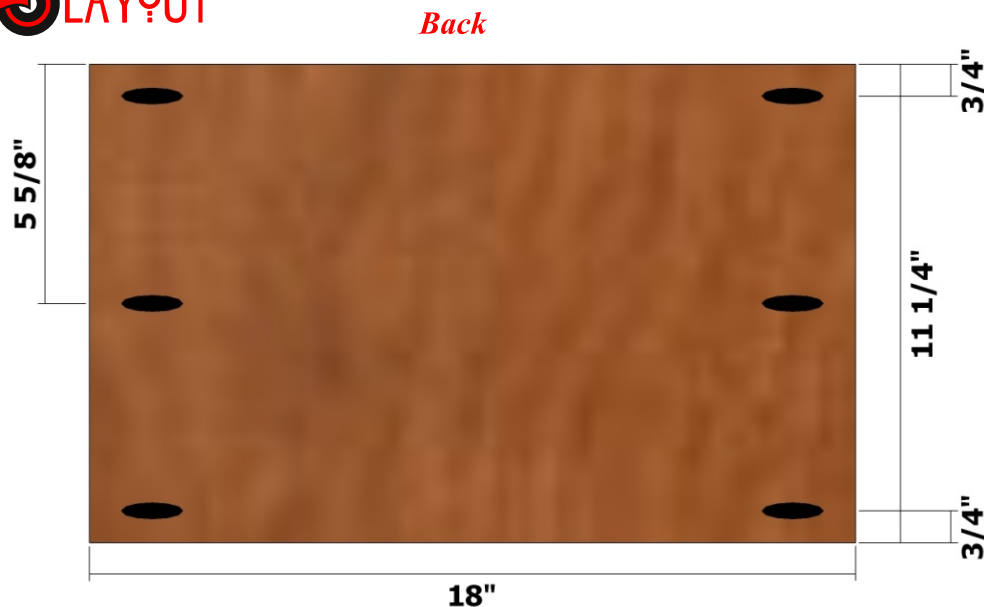
Position the **Bottom** flush with the bottom edge of the bottom **Rail** as shown and attach to the **Rail** using glue and 1 1/4-inch pocket hole screws. Square the **Bottom**, clamp in place, and attach to the **Sides** using glue and 1 1/4-inch pocket hole screws.



TAKE CARE!

Make sure the **Bottom** is square before you attach it to the **Sides**.

LAYOUT



NOTE

Use the layout for measuring, marking, cutting, and drilling pocket holes in the **Back**. (Be sure to set your pocket hole jig and drill bit for 3/4-inch stock.)



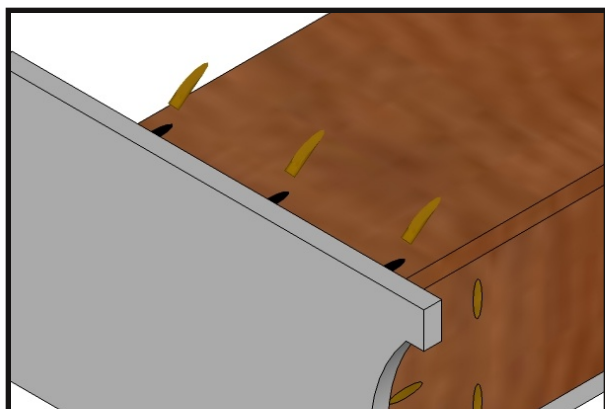
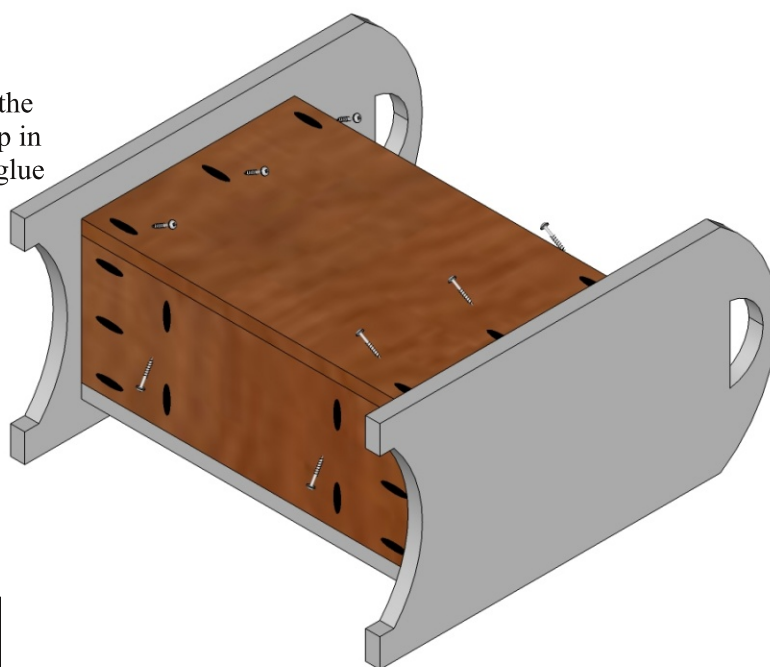
NOTE

Position the **Back** flush with the bottom edge of the **Bottom** as shown, square it with the **Sides**, clamp in place and attach to the **Sides and Bottom** using glue and 1 1/4-inch pocket hole screws.



TAKE CARE!

First drive the screws through the **Bottom** into the **Back**, then continue with the screw holes nearest the **Bottom**.

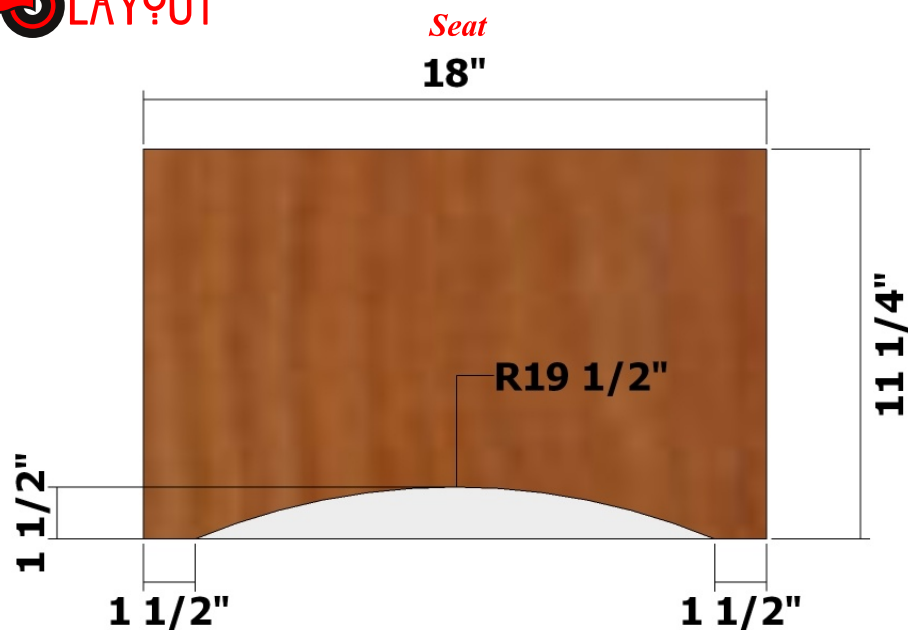


NOTE

Apply glue to the pocket holes and insert the pocket hole plugs. Sand smooth. For tips on making your own pocket hole plugs, visit the video section of the Chief's Shop Blog at chiefsshop.wordpress.com/category/videos.



LAYOUT



NOTE

Use the layout for measuring, marking, and cutting the **Seat**. Use a jig saw to cut the notch in the front.



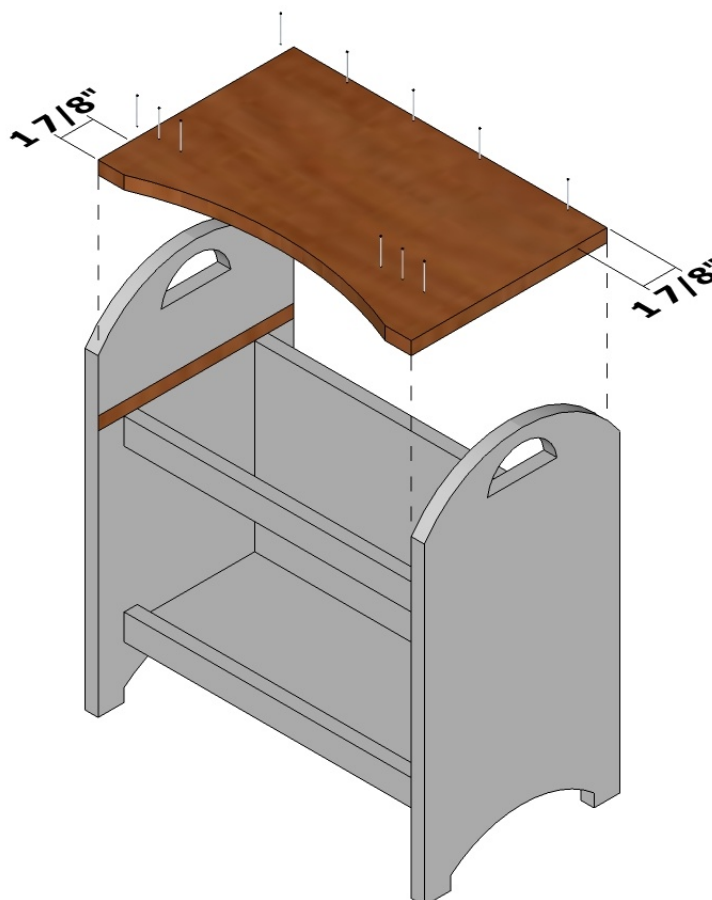
NOTE

Position the **Seat** flush with the edges of the **Sides** and on the top edge of the top **Rail** and **Back**. Attach using glue and 1 1/2-inch brads.

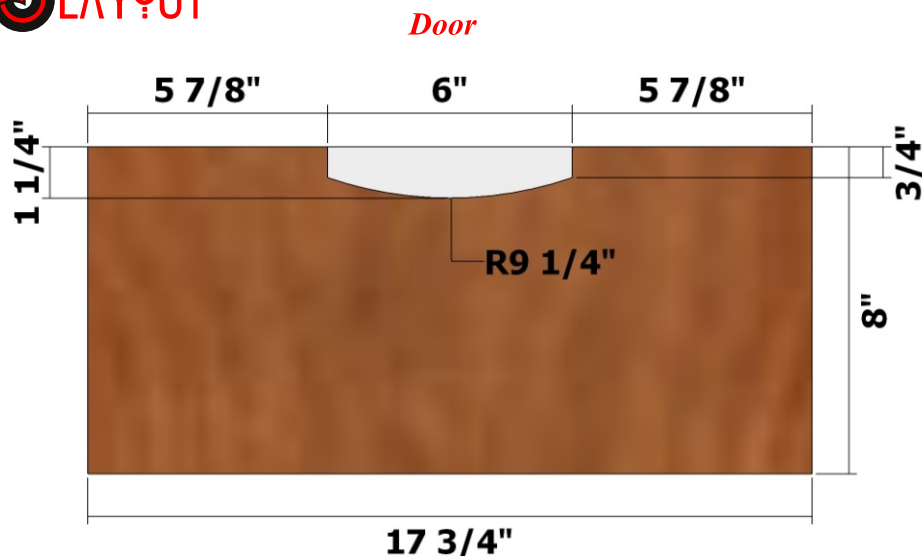


TAKE CARE!

Mark a line 1 7/8 inch in from the front and back edges of the **Seat** and drive the brads using these lines as a guide.

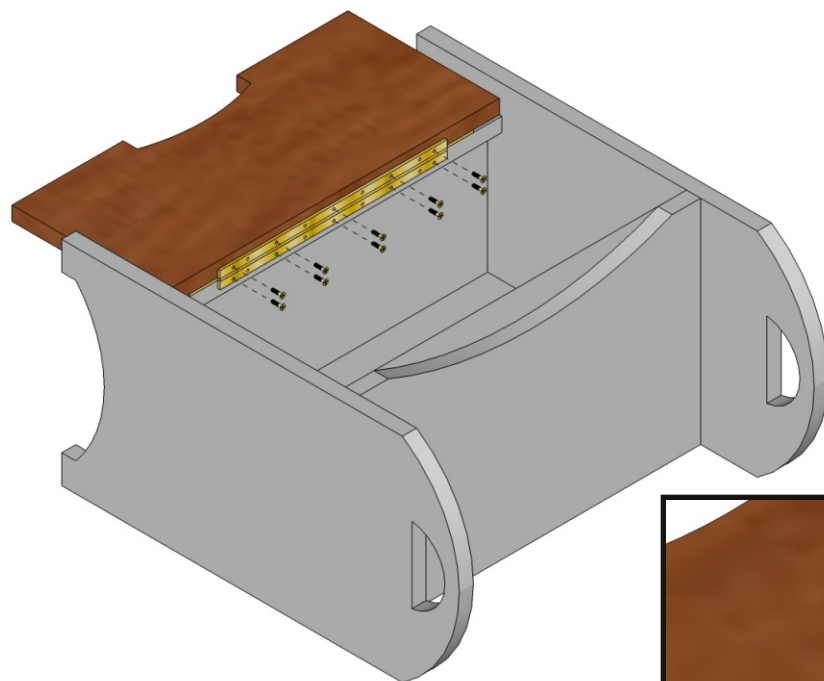


LAYOUT



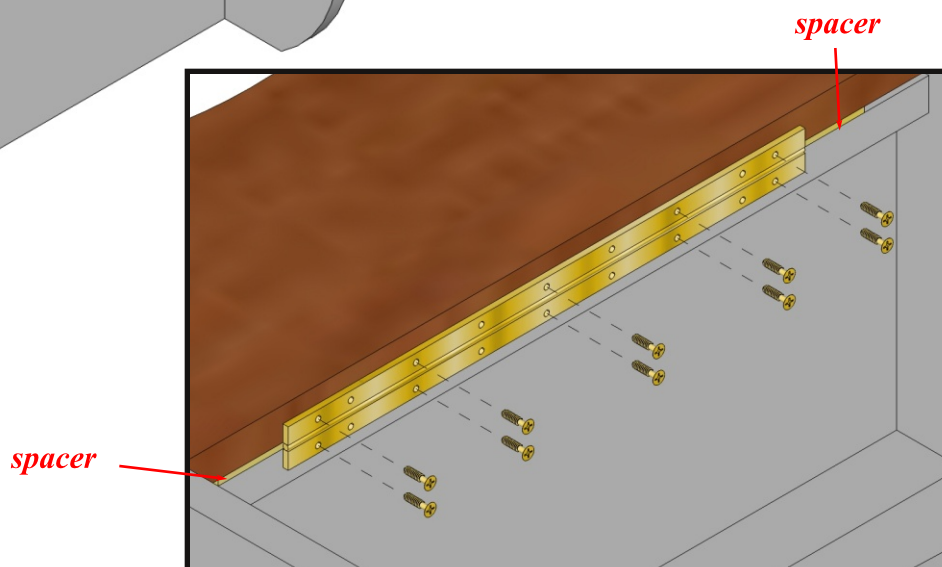
NOTE

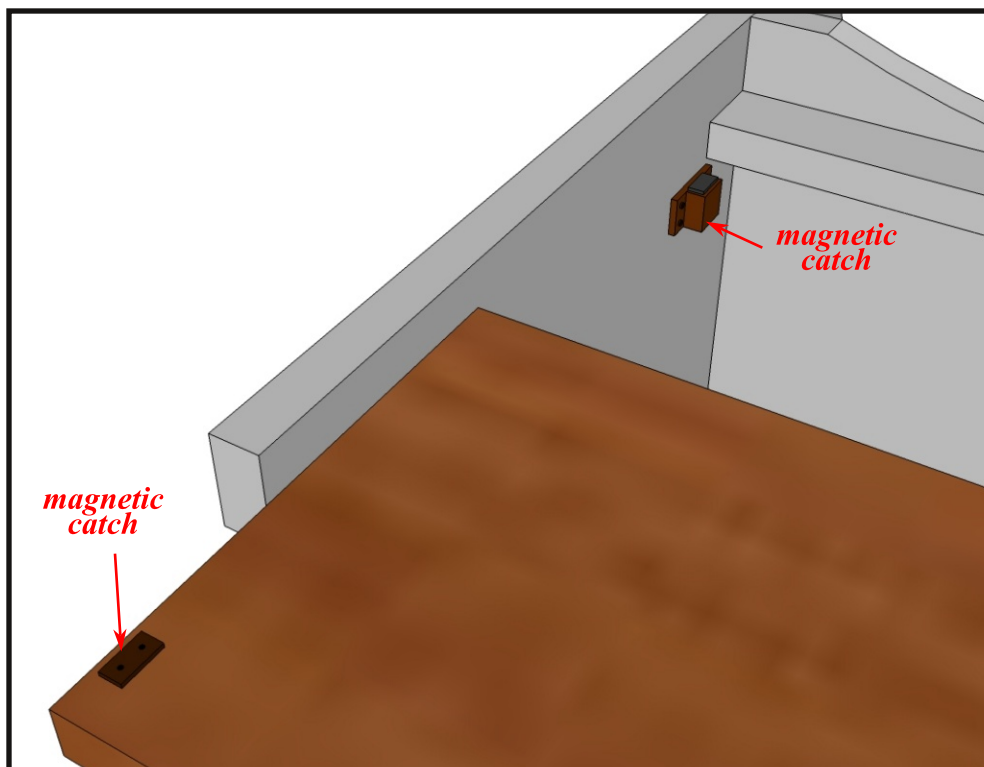
Use the layout for measuring, marking, and cutting the **Door**. Use a jig saw to cut the notch in the top.



NOTE

Use a piece of scrap 1/8-inch thick (a paint stir stick will work), as a spacer for positioning the **Door** on the bottom **Rail** as shown. Clamp in place and attach a 12-inch continuous hinge centered on the **Rail** and the edge of the **Door**. Attach every other screw, then test the fit and make adjustments as needed.

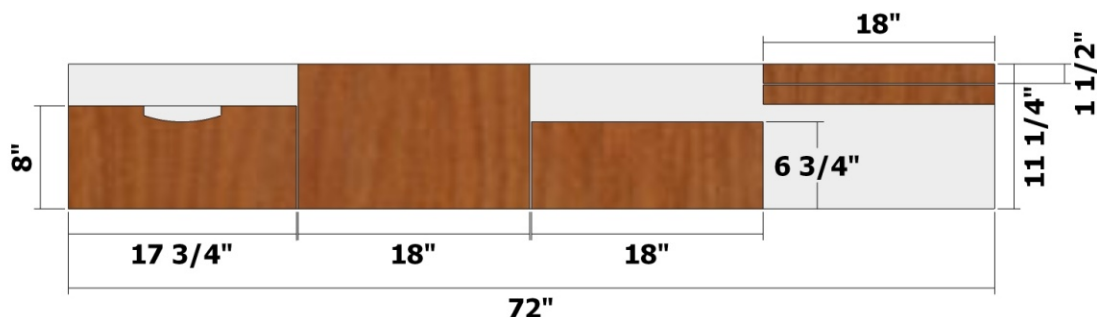




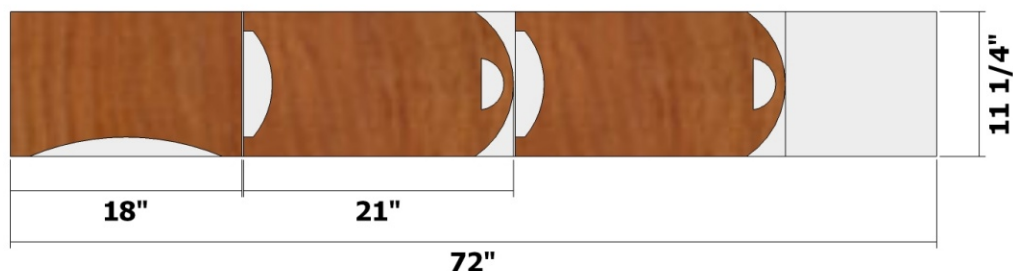
 NOTE

Attach a magnetic catch (using the included hardware) to the inside of the **Side** and the back of the **Door**.

K CUTTING DIAGRAM



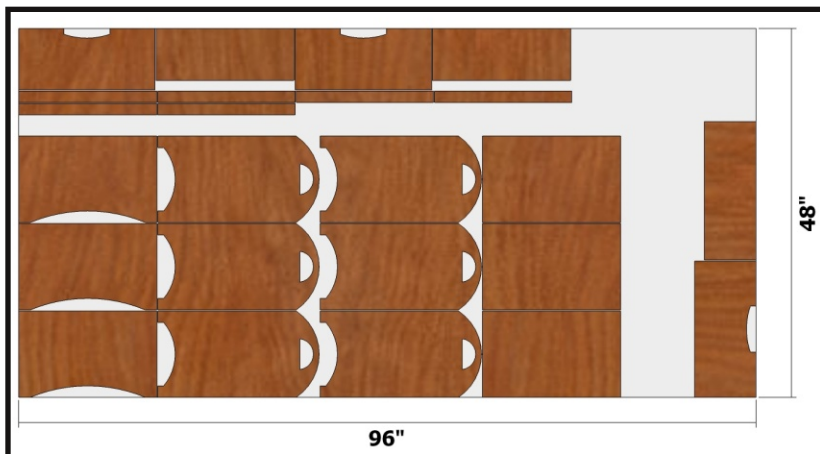
1 x 12 x 6 (2)



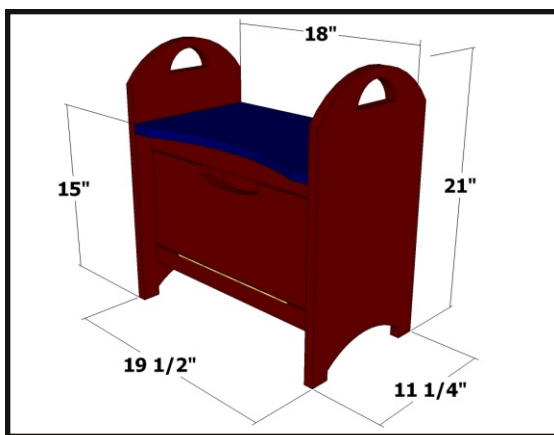
PARTS

Sides (2) - 3/4 x 11 1/4 x 21
 Rails (2) - 3/4 x 1 1/2 x 18
 Bottom (1) - 3/4 x 6 3/4 x 18
 Back (1) - 3/4 x 11 1/4 x 18
 Seat (1) - 3/4 x 11 1/4 x 18
 Door (1) - 3/4 x 8 x 17 3/4

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.



Save some money! You can cut enough parts from a 3/4 -inch x 4- x 8-foot sheet of plywood to make 3 stools.



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!