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CHIEF'S SHOP

Plan of the Week

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WHAT YOU'LL NEED



LUMBER

- 1 - 1 x 4 x 8
- 1 - 2 x 10 x 8

(availability will vary - lumber is enough to build two stools)

HARDWARE/SUPPLIES

- 2 1/2" pocket hole screws
- 1 1/4" brads
- wood glue
- paint/stain

TOOLS

- miter saw or circular saw
- jig saw
- drill/driver with 4" hole saw bit (optional)
- Kreg Pocket Hole Jig
- power sander
- pneumatic nailer or hammer
- clamps
- square

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 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

Legs (2) - 1 1/2 x 9 1/4 x 9 15/16

Seat (1) - 1 1/2 x 9 1/4 x 24

Rails (2) - 3/4 x 3 1/2 x 22

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.

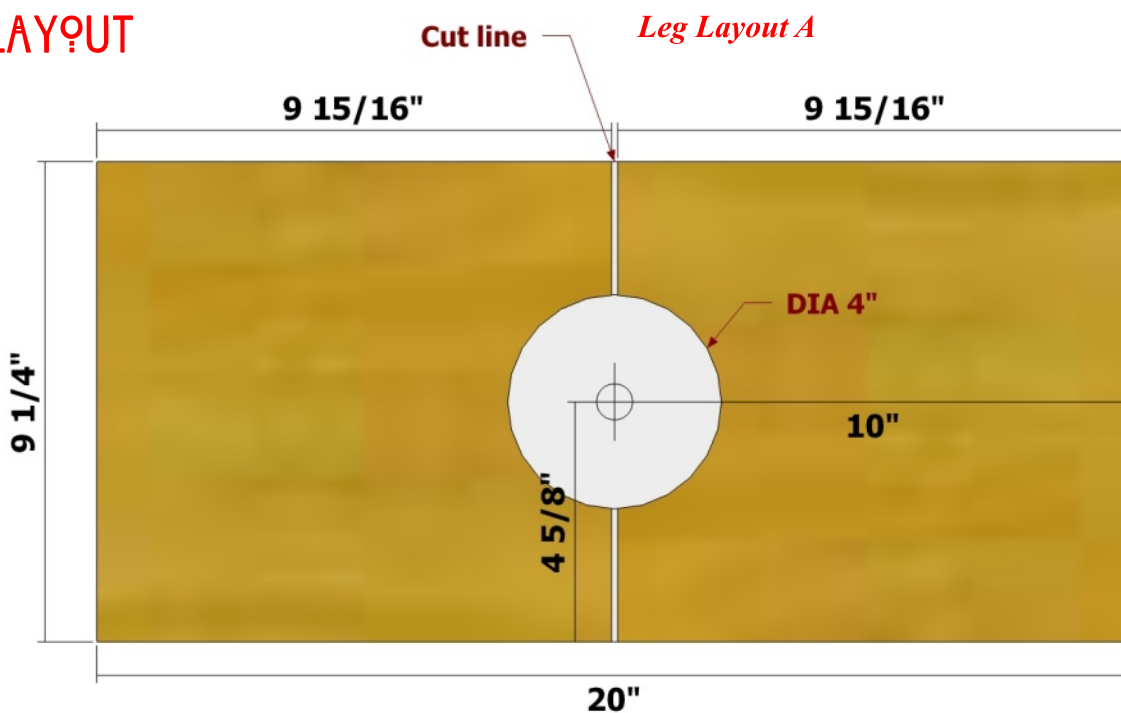


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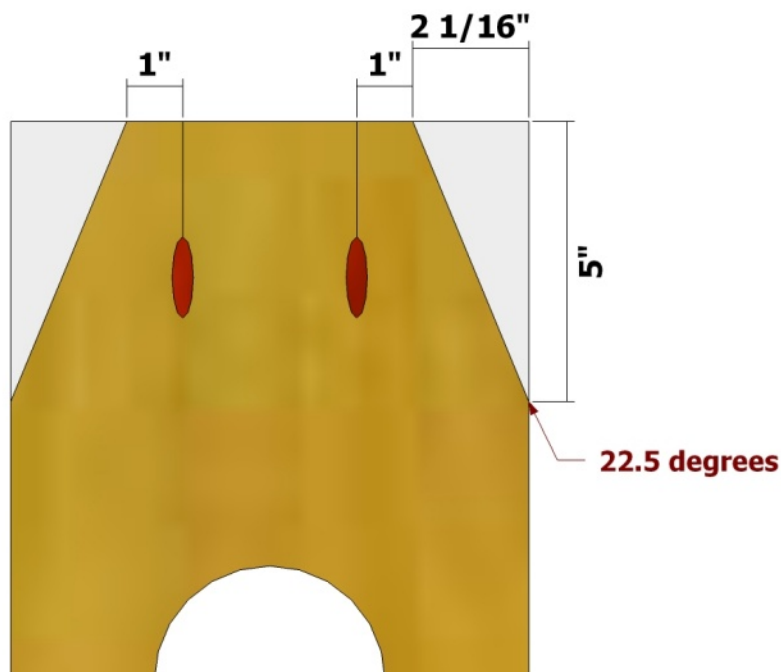
LAYOUT



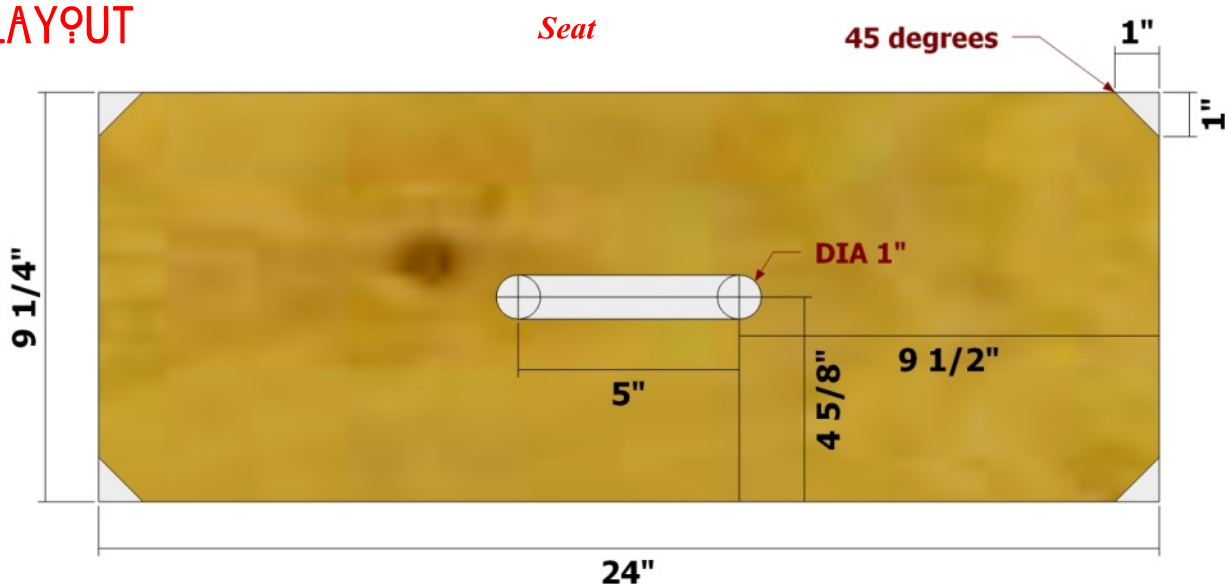
NOTE

Use the layouts as guides for measuring, marking, and cutting the **Legs**. Cut a 20-inch piece of 2 x 10 (**Leg Layout A**), then cut a 4-inch hole in the center using either a 4-inch hole saw bit, or a jig saw (after first drilling a starter hole). Cut the board in half across the center. Use **Leg Layout B** as a guide for cutting the taper and drilling pocket holes for each **Leg**. Be sure to set your Kreg Pocket hole jig and drill bit for 1 1/2-inch stock.

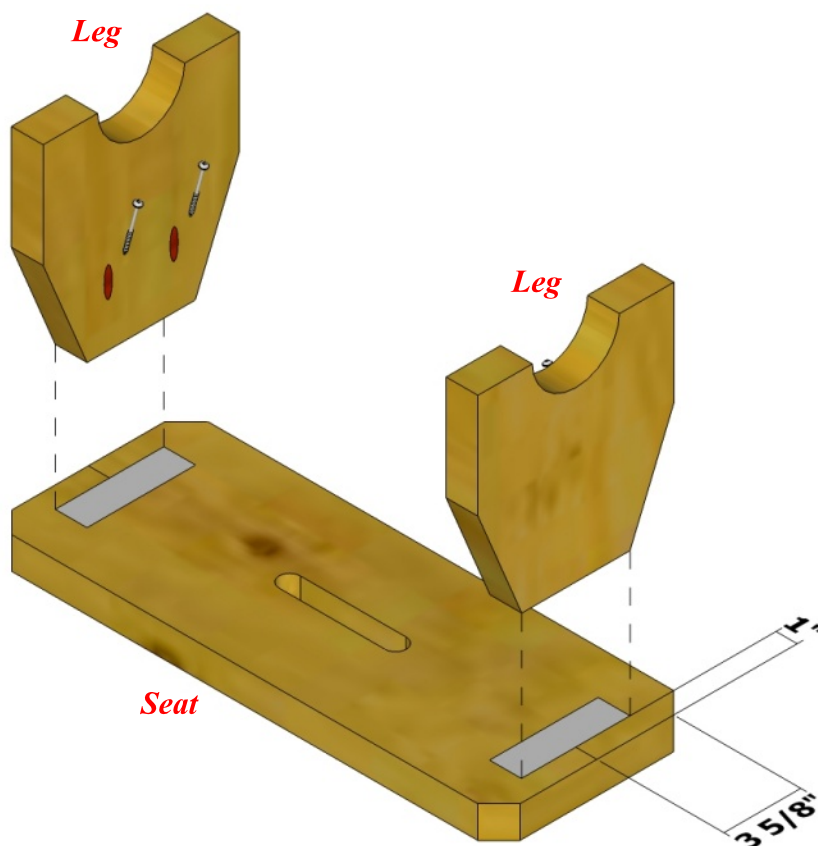
Leg Layout B



LAYOUT



NOTE Use the layout as a guide for measuring, marking, and cutting the **Seat**. Drill 1-inch holes as indicated above and cut the remainder of what will become the hand hold using a jigsaw.

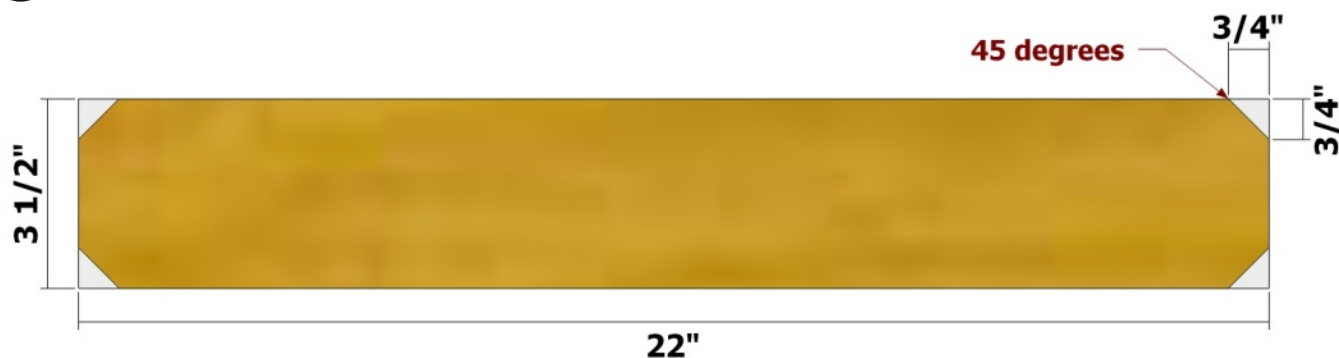


NOTE

Position the **Legs** as shown and attach them to the **Seat** using glue and 2 1/2-inch pocket hole screws.

LAYOUT

Rail

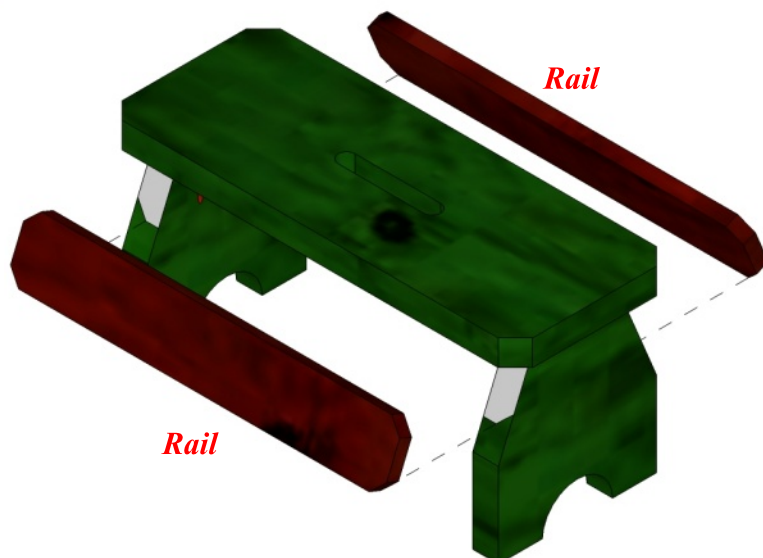
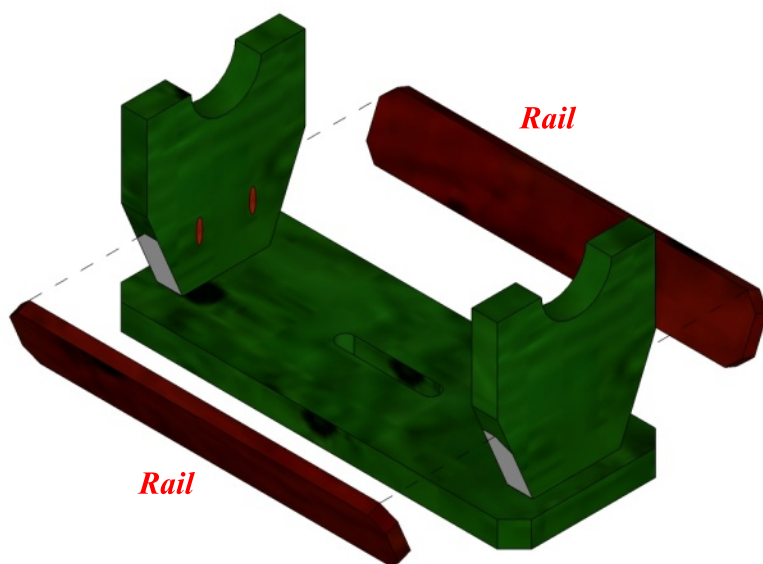


NOTE

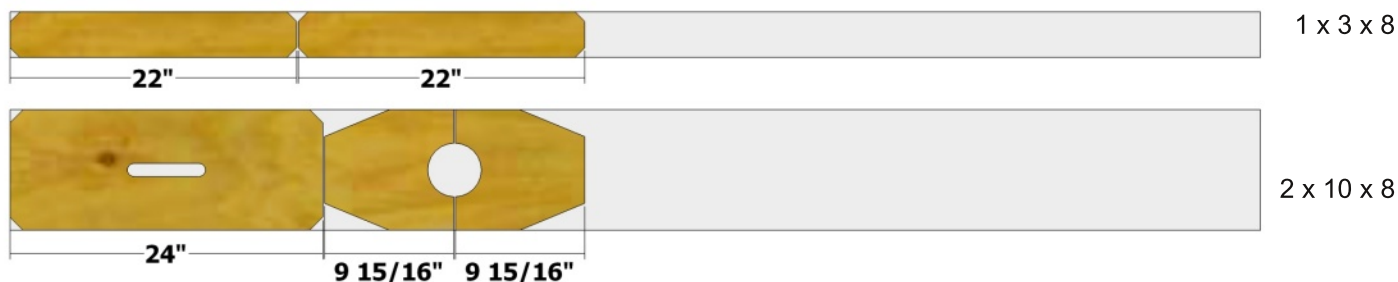
Use the layout as a guide for measuring, marking, and cutting the **Rails**.

NOTE

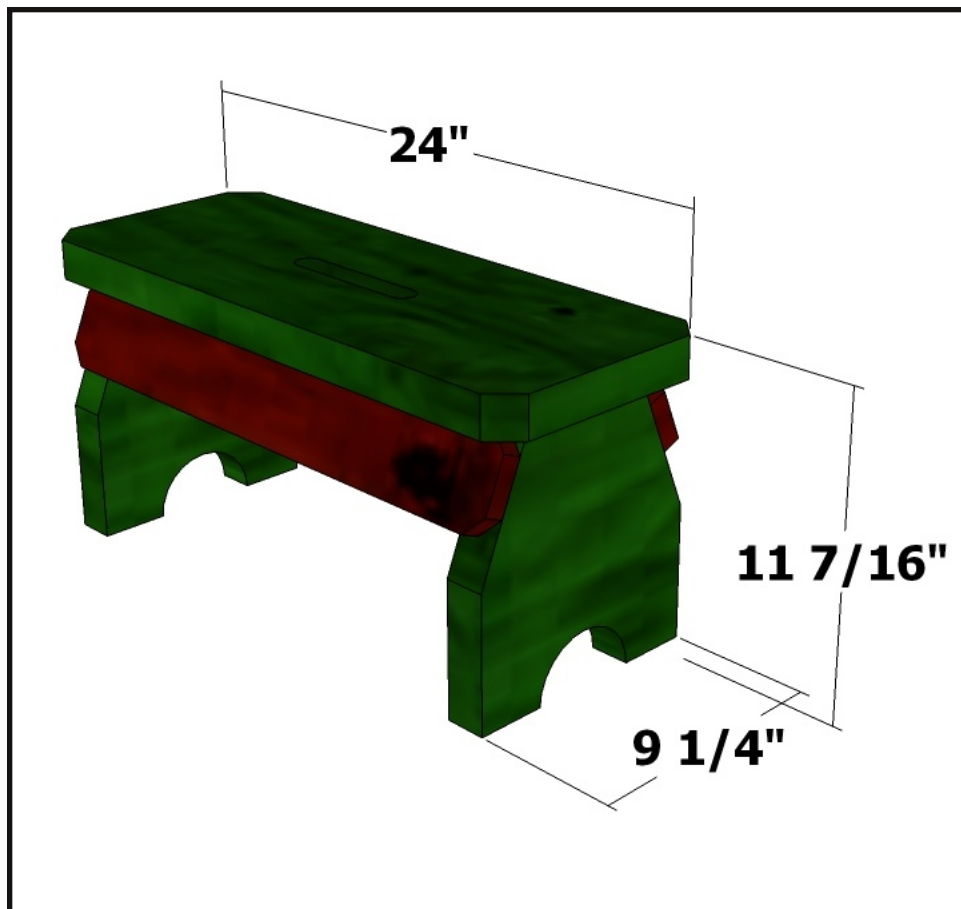
Position the **Rails** flush against the edges of the **Legs** and butted against the **Seat** as shown, and attach to the **Legs** using glue and 1 1/4-inch brads.



K CUTTING DIAGRAM



NOTE From this lumber you can create two stools.



PARTS

Legs (2) - 1 1/2 x 9 1/4 x 9 15/16
Seat (1) - 1 1/2 x 9 1/4 x 24
Rails (2) - 3/4 x 3 1/2 x 22

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!