

CHIEF'S SHOP PLAN OF THE WEEK

SIMPLE WOODWORKING: PICNIC STOOL



WHAT YOU'LL NEED



LUMBER

1 - 2 x 6 x 8

1 - 2 x 12 x 8

(availability will vary - cedar, redwood or treated))

HARDWARE/SUPPLIES

2 1/2" pocket hole screws

4" atrium grate

wood glue

paint/stain/sealer

TOOLS

miter saw or circular saw

jig saw

drill/driver, hole saw bit

Kreg Pocket Hole Jig

power sander

clamps

square

compass

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

Legs (2) - 1 1/2 x 11 1/4 x 14 3/4

Rail (1) - 1 1/2 x 5 1/2 x 17

Seat (1) - 1 1/2 x 11 1/4 x 30

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.



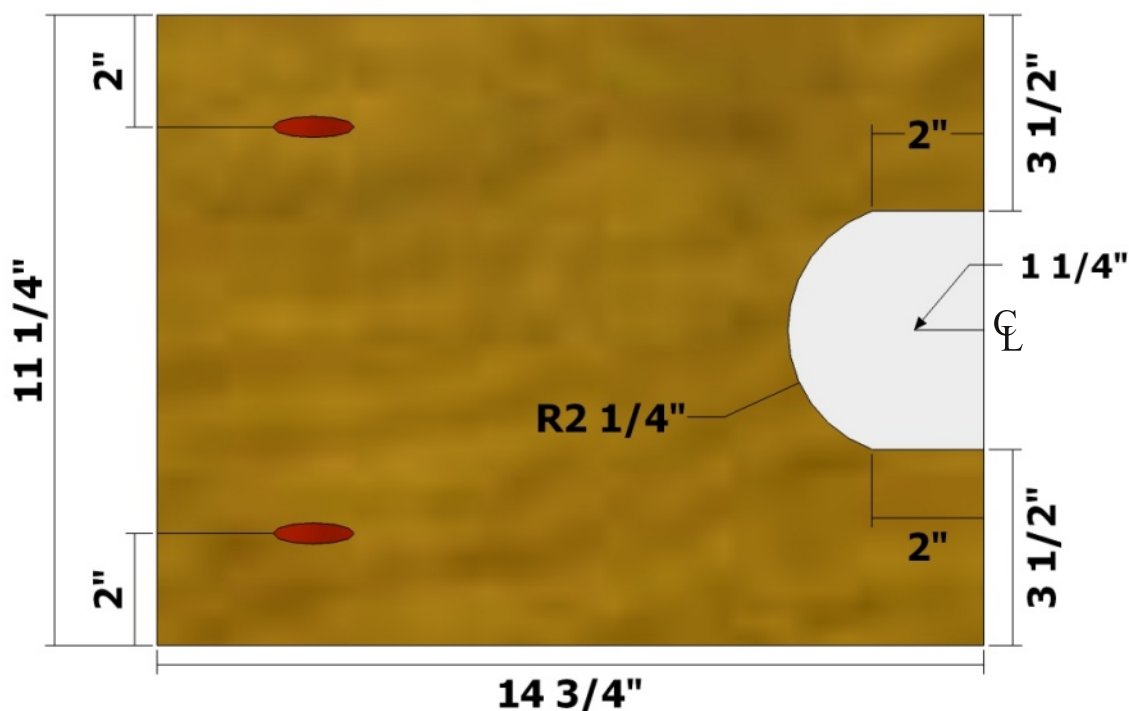
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LAYOUT

Leg

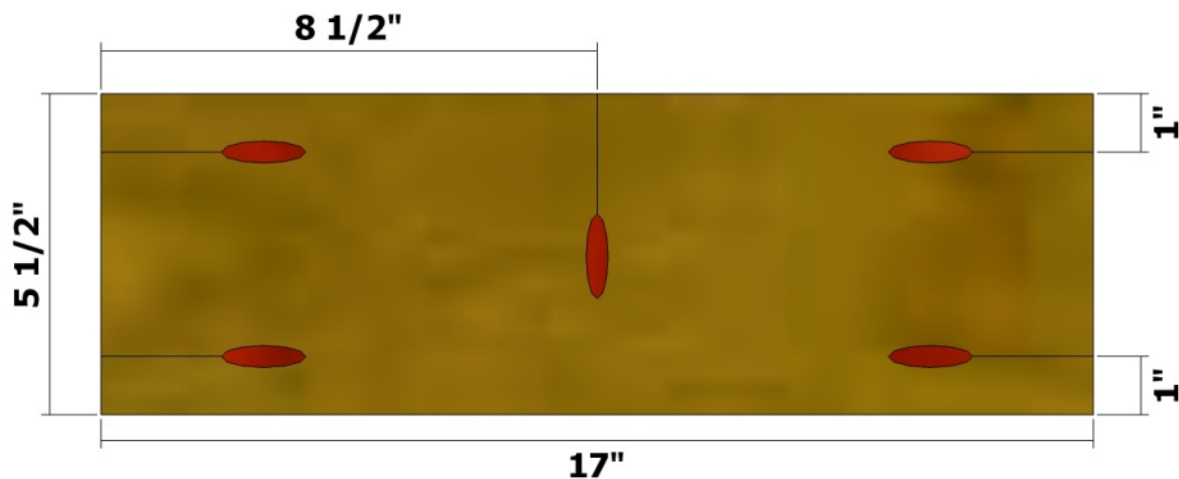


NOTE

Use the layout as a guide for measuring, marking, cutting, and drilling pocket holes in the **Legs**. Use a compass to mark the 2 1/4-inch radius from 1 1/4-inch from the center line as shown above. Set your Kreg pocket hole jig and drill bit for 1 1/2-inch stock.

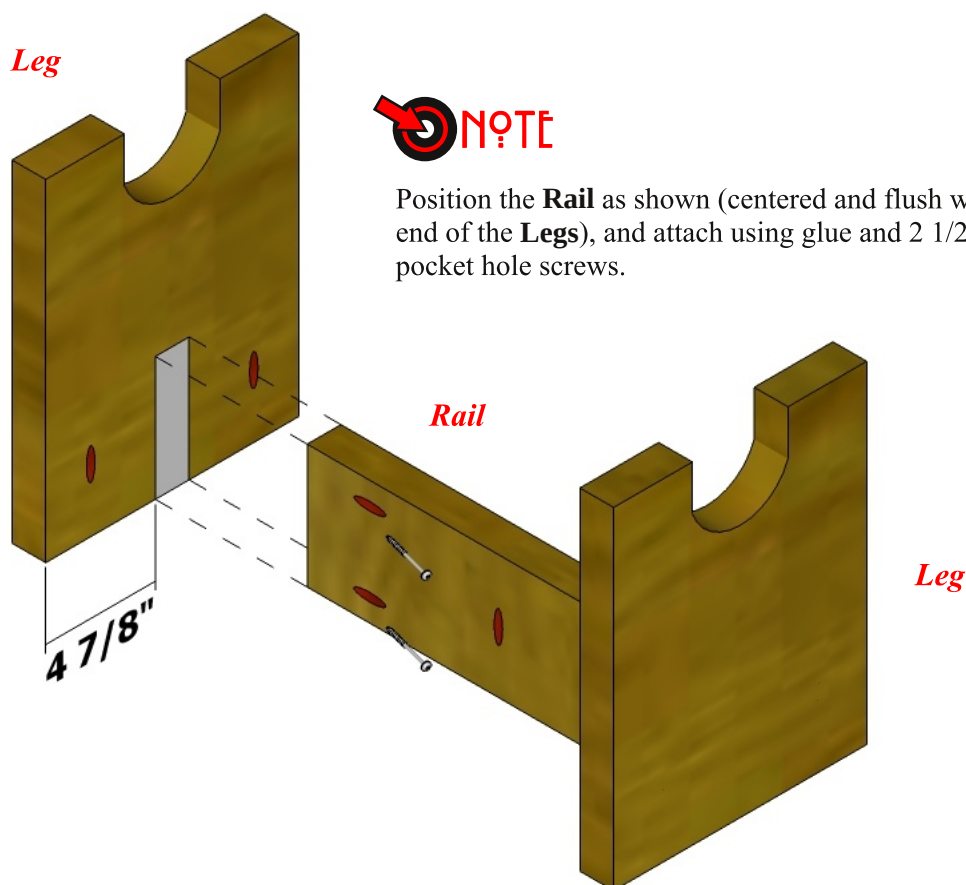
LAYOUT

Rail



NOTE

Use the layout as a guide for measuring, marking, cutting, and drilling pocket holes in the **Rail**. Set your Kreg pocket hole jig and drill bit for 1 1/2-inch stock.



LAYOUT

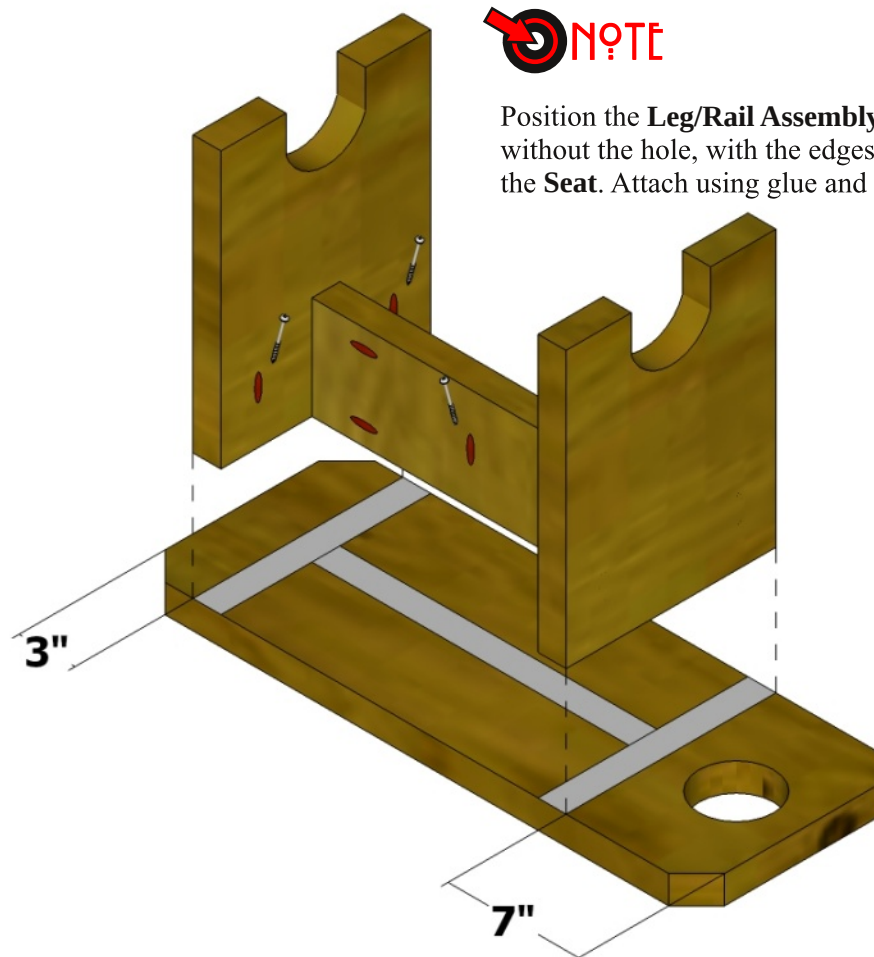


NOTE

Use the layout as a guide for measuring, marking, and cutting the **Seat**. The angle of the cuts on the corners is 45 degrees. Use a 4-inch hole saw to cut the hole.



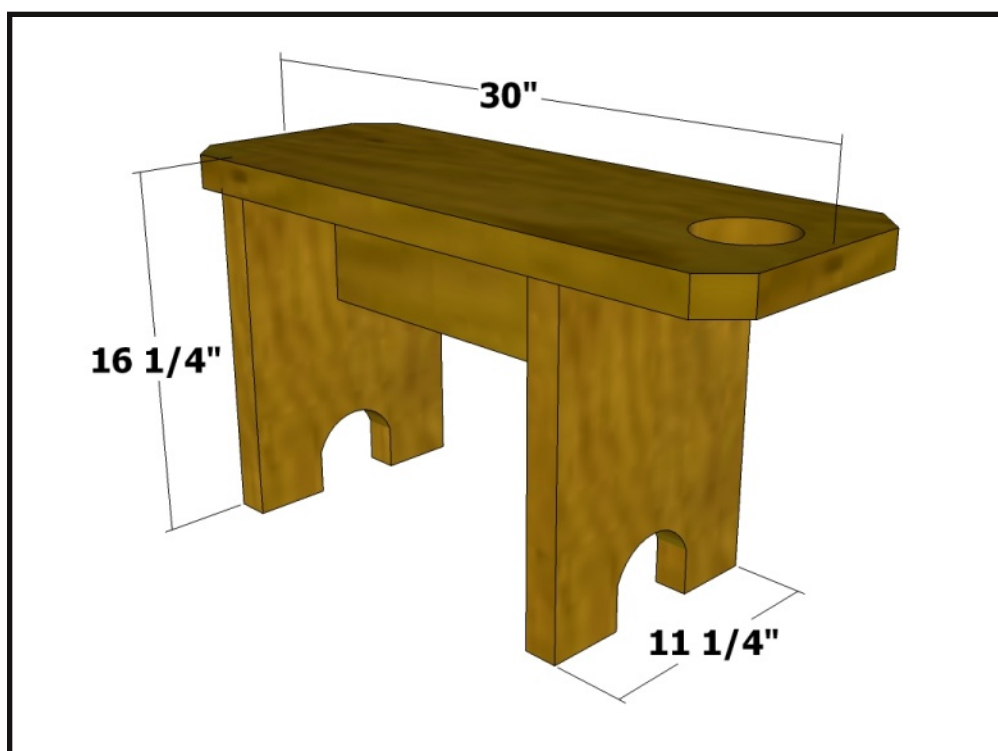
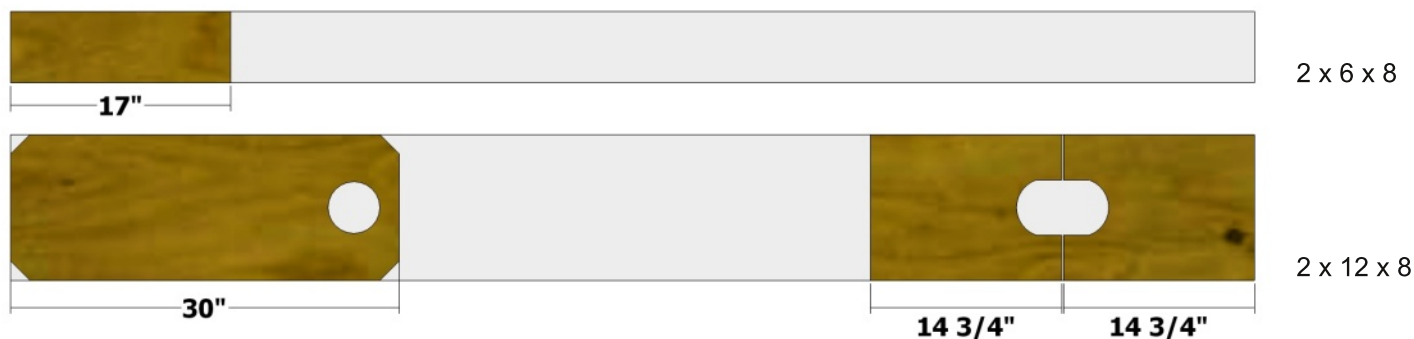
Position the **Leg/Rail Assembly** on the **Seat** 3 inches from the end without the hole, with the edges of the **Legs** flush with the edges of the **Seat**. Attach using glue and 2 1/2-inch pocket hole screws.



Place the **4-inch atrium grate** in the hole on the end of the bench. Glass beverage bottles and soft drink cans fit comfortably inside, as well as various cups and glasses.

Atrium grates can be found with exterior drainage components in your local home improvement store. They're about \$5.

K CUTTING DIAGRAM



PARTS

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Rail (1) - 1 1/2 x 5 1/2 x 17
Seat (1) - 1 1/2 x 11 1/4 x 30

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!