

CHIEF'S SHOP PLAN OF THE WEEK



SIMPLE WOODWORKING: SHOE BENCH



WHAT YOU'LL NEED



LUMBER

- 1 - 1 x 3 x 4
- 1 - 1 x 3 x 8
- 2 - 1 x 6 x 8
- 1 - 1 x 10 x 4

(availability will vary)

HARDWARE/SUPPLIES

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

TOOLS

- table saw
- miter saw
- jigsaw
- sander
- drill/driver
- Kreg Pocket Hole Jig
- clamps
- square
- metal ruler

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

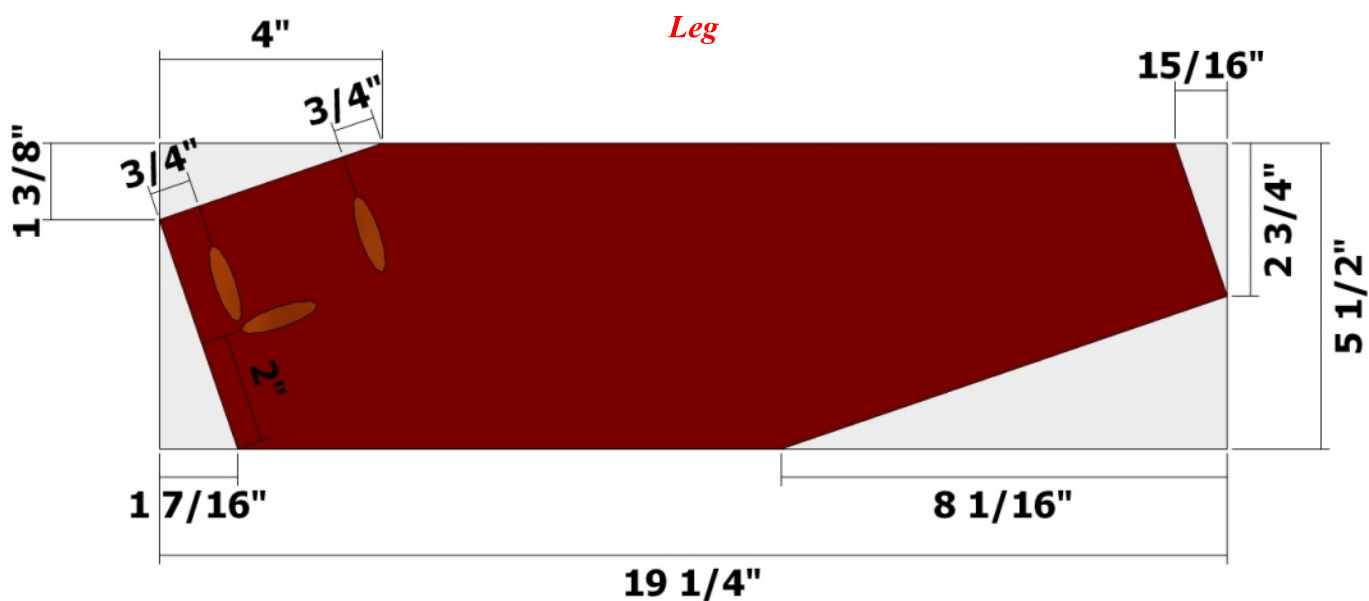
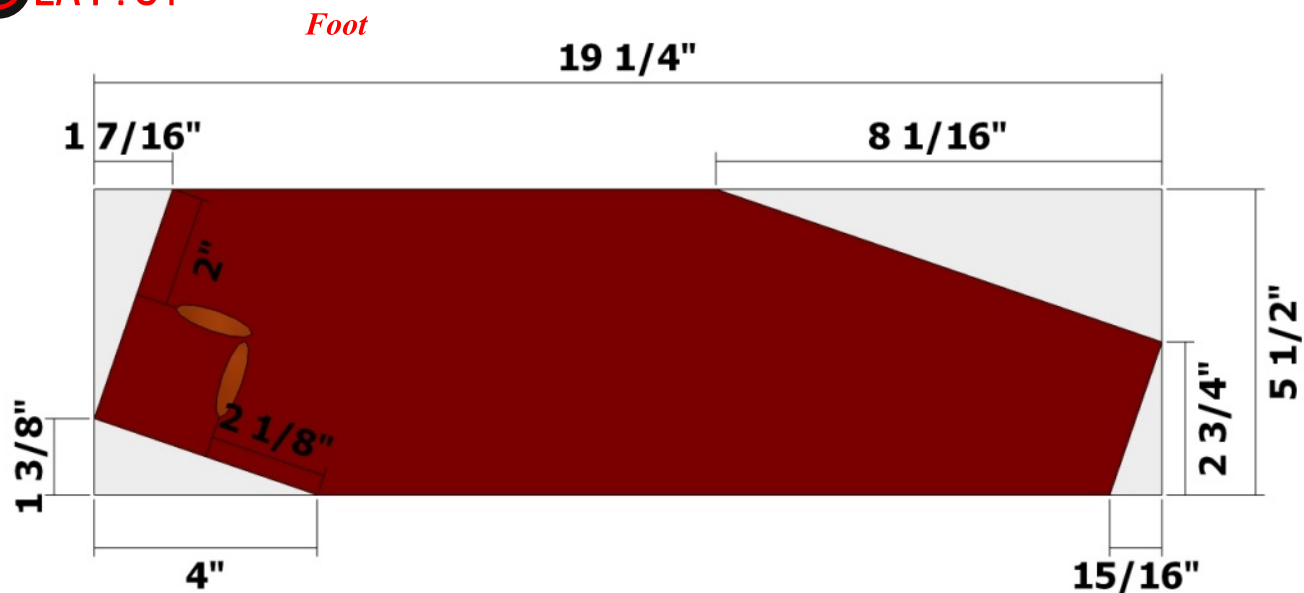
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PARTS

- Legs (4) - 3/4 x 5 1/2 x 19 1/4
- Bottom Side Rails (2) - 3/4 x 2 1/2 x 26
- End Rails (2) - 3/4 x 2 1/2 x 10 5/8
- Stretcher (1) - 3/4 x 2 1/2 x 10 5/8
- Top Side Rails (2) - 3/4 x 2 1/2 x 26
- Seat (1) - 3/4 x 9 1/4 x 31 1/2
- Center Slat (2) - 3/4 x 4 7/8 x 29 1/2
- Slats (2) - 3/4 x 4 1/2 x 25 7/8
- Handles (4) - 3/4 x 1 1/2 x 5 1/2

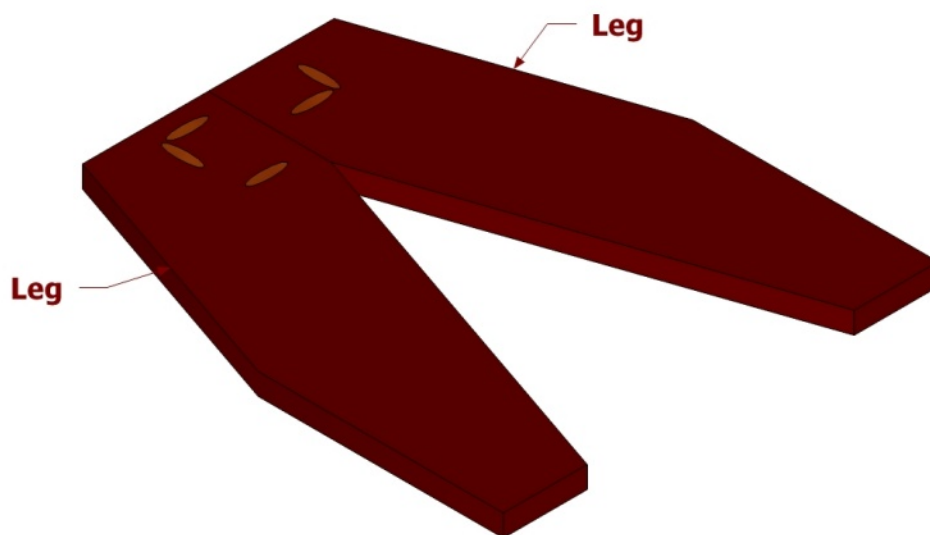
All parts are listed in actual dimensions. Refer to the Cutting Diagram on the last page of this plan as a guide for determining the specific board from which to cut the parts.

 LAYOUT



 NOTE

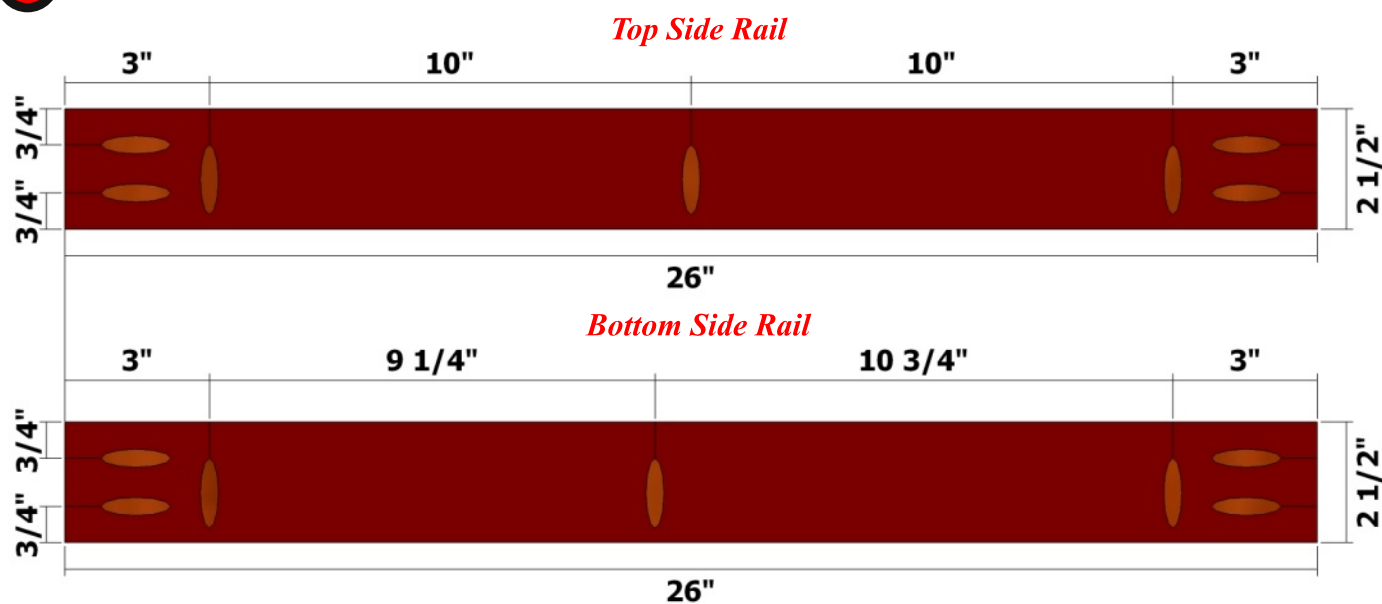
Use the layouts as guides for measuring, marking, cutting (using a jigsaw), and drilling pocket holes in the **Legs**. Be sure to set your pocket hole jig and drill bit for 3/4-inch stock.
Make two Legs from each layout (total of four parts).



Position the parts as shown above and attach using glue and 1 1/4-inch pocket hole screws. Create two assemblies.

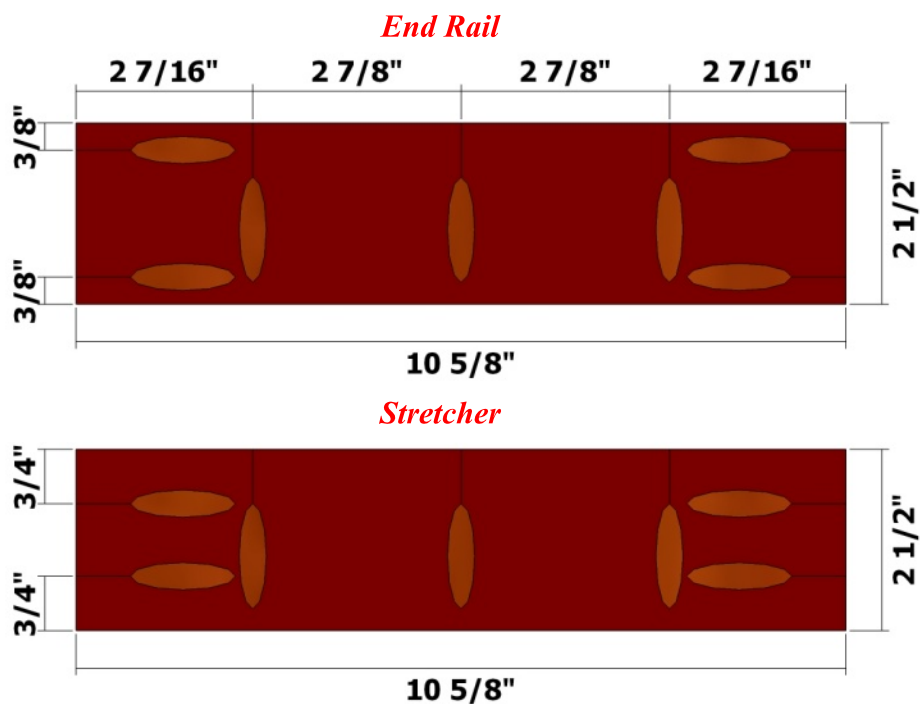


LAYOUT



Use the layouts as guides for measuring, marking, cutting, and drilling pocket holes in the **Top Side Rails** and **Bottom Side Rails**.
Be sure to set your pocket hole jig and drill bit for 3/4-inch stock.

LAYOUT



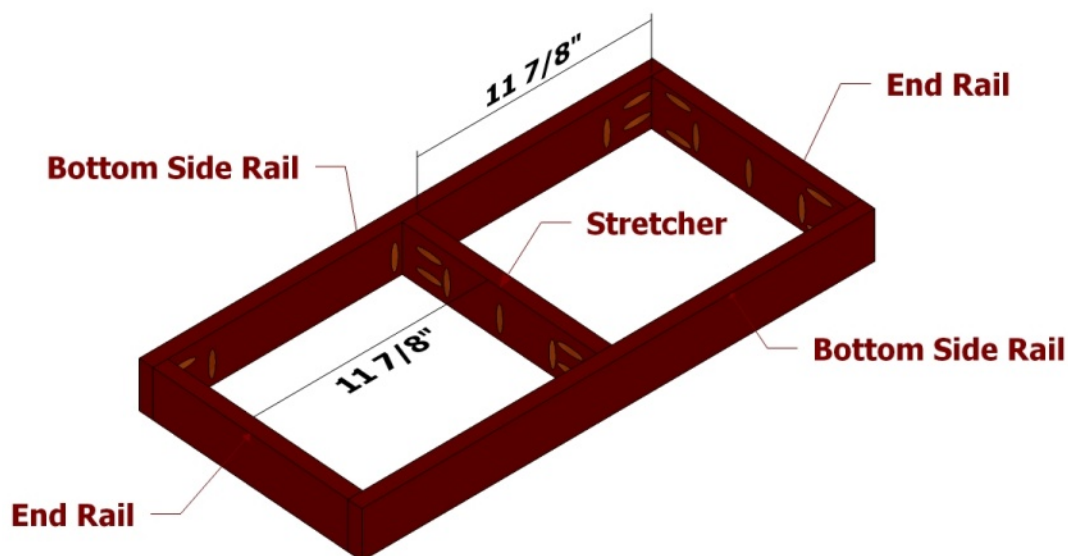
NOTE

Use the layouts as guides for measuring, marking, cutting, and drilling pocket holes in the **End Rails** and **Stretcher**. Be sure to set your pocket hole jig and drill bit for 3/4-inch stock.



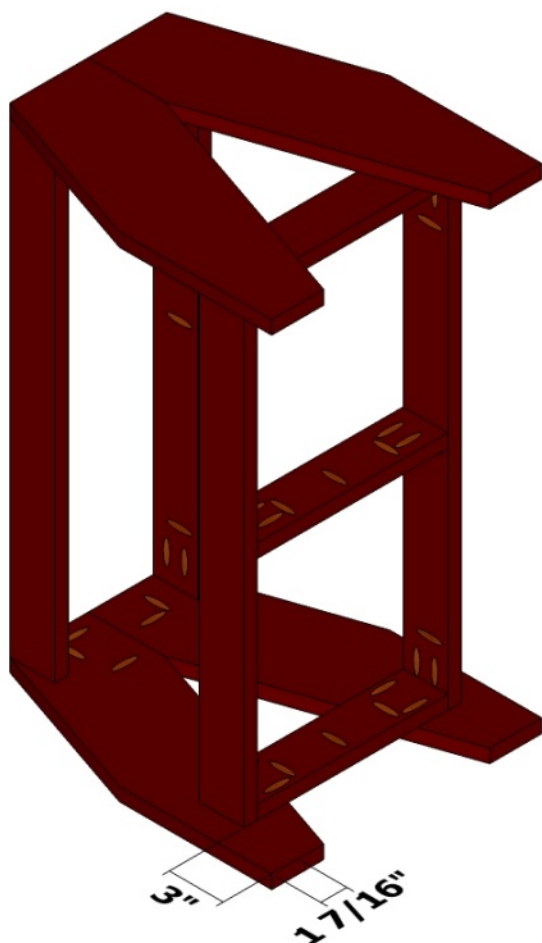
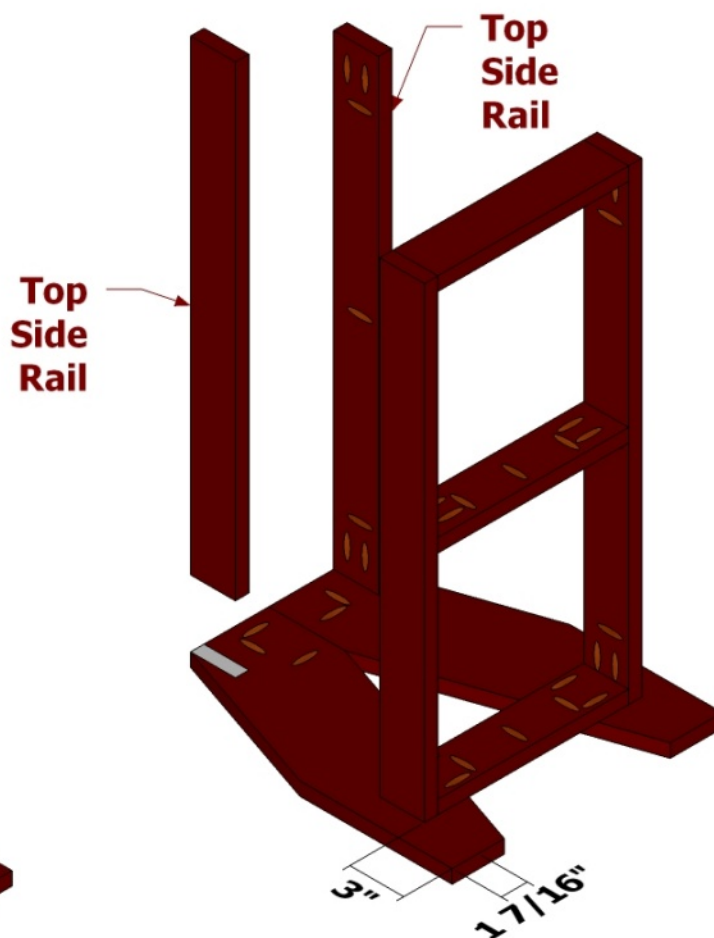
NOTE

Position the parts as shown below and attach using glue and 1 1/4-inch pocket hole screws.

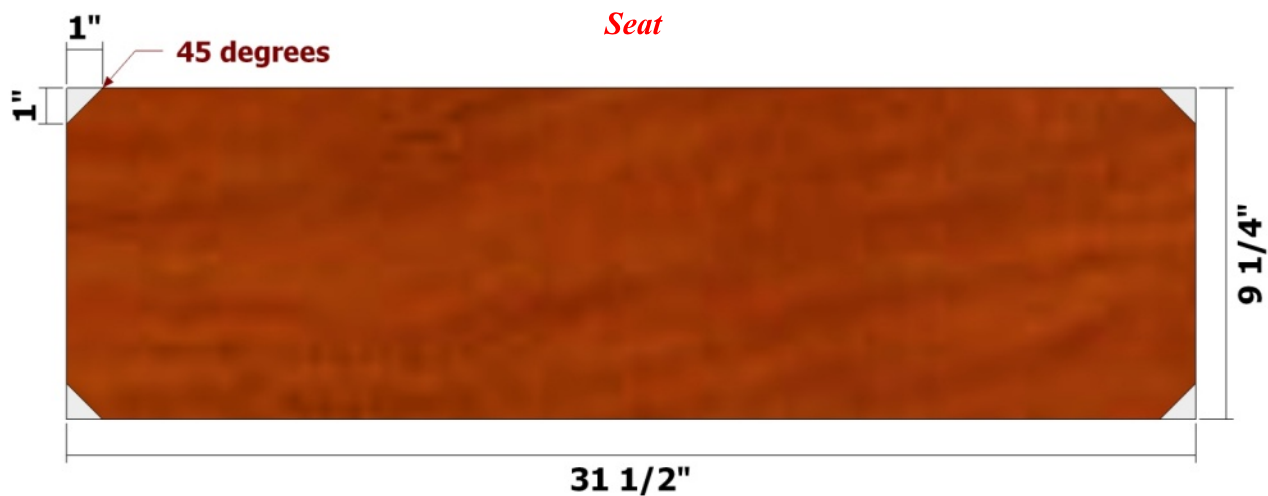


NOTE

Position the parts as shown at right and below attach using glue and 1 1/4-inch pocket hole screws. Use a square to keep the **Top Side Rails** and **Bottom Rail Assembly** at the correct angle. Clamp the parts in place while driving the screws.



LAYOUT

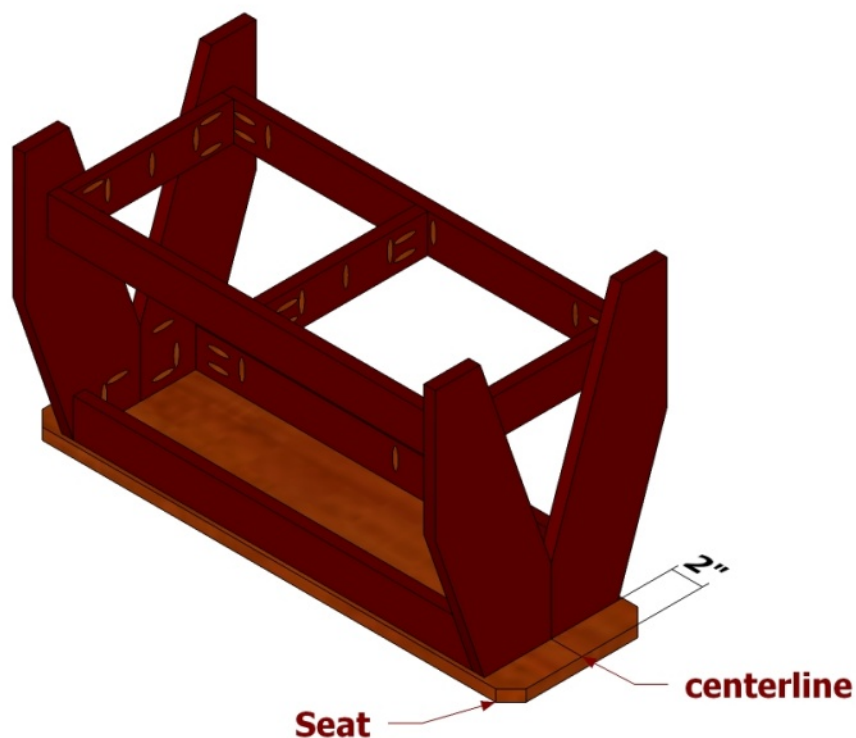


NOTE

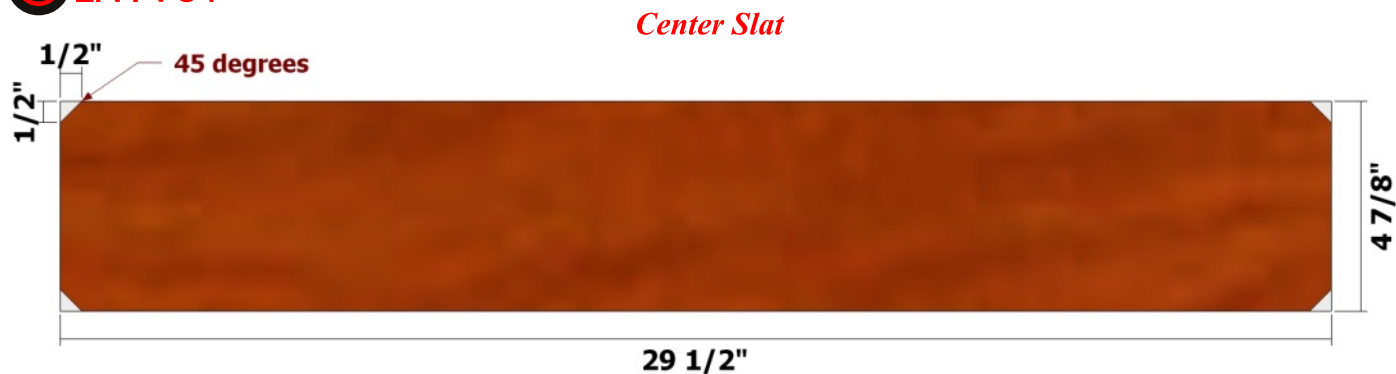
Use the layout as a guide for measuring, marking, and cutting the **Seat**.

NOTE

Position the **Seat** as shown at right and attach using glue and 1 1/4-inch pocket hole screws.



LAYOUT

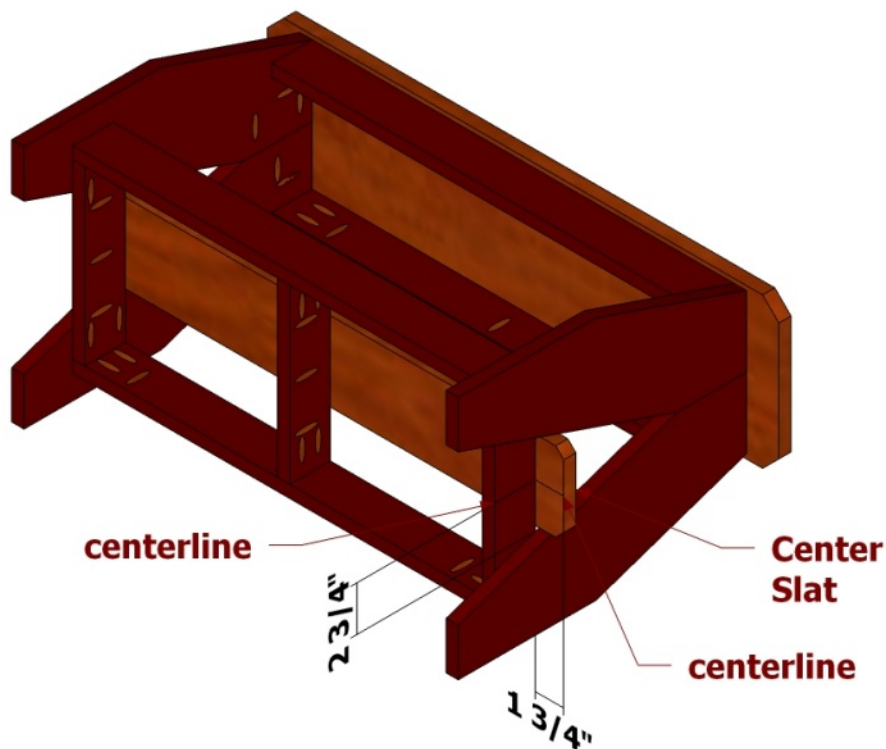


NOTE

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

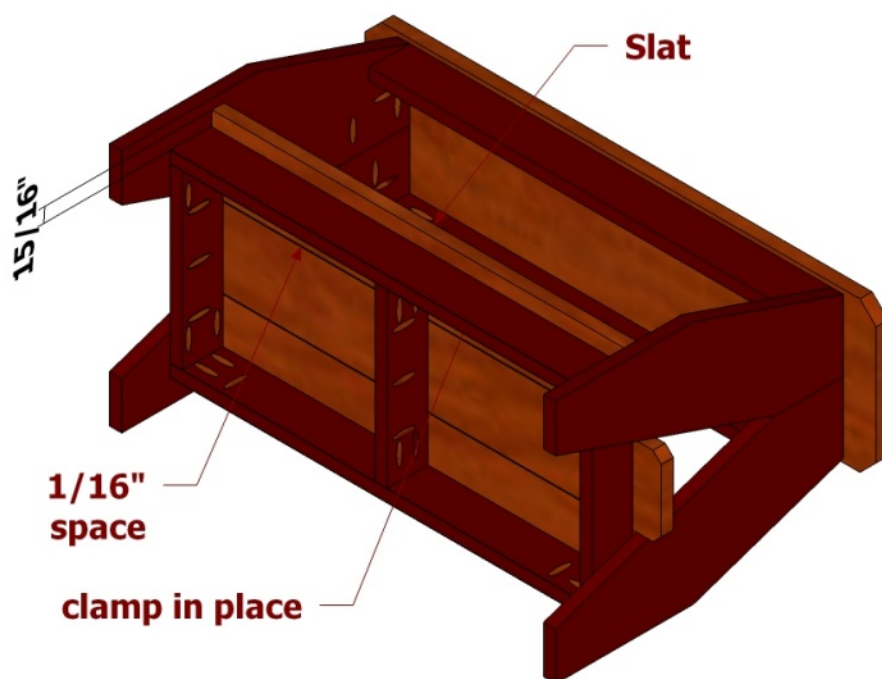
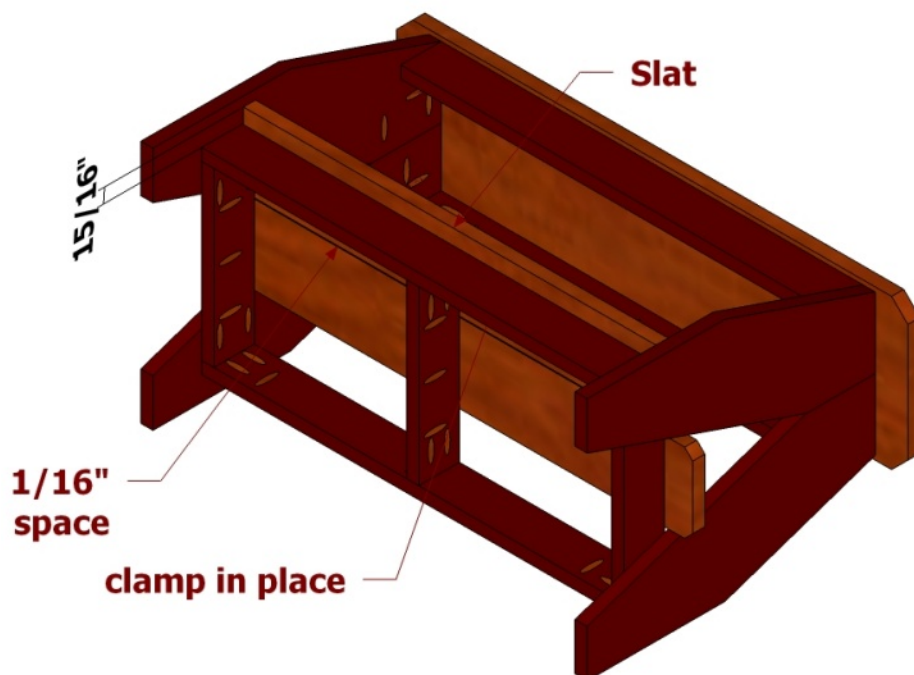
NOTE

Position the **Center Slat** as shown above and attach using glue and 1 1/4-inch pocket hole screws.





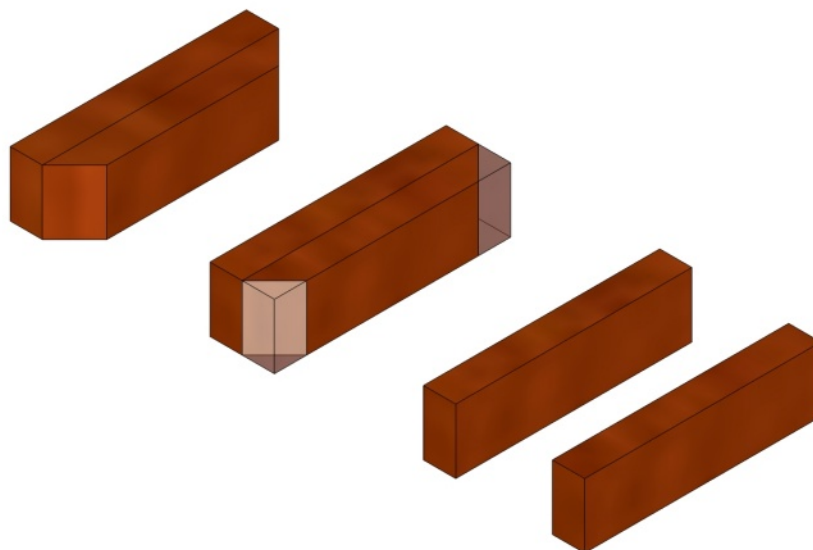
Position the **Slats** as shown at right and below and attach to using glue and 1 1/4-inch pocket hole screws.





NOTE

Position the **Handle** parts as shown at right, apply glue to two faces, clamp together and allow the glue to dry. Then cut a 45-degree miter on each end as shown at right. (Measure 3/4-inch in from the end and from the face.) Create two assemblies.



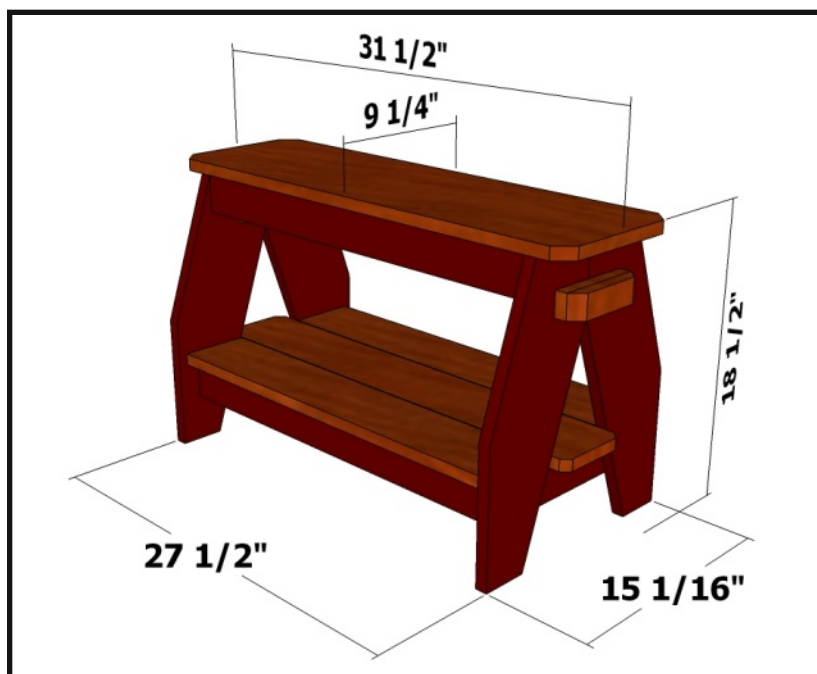
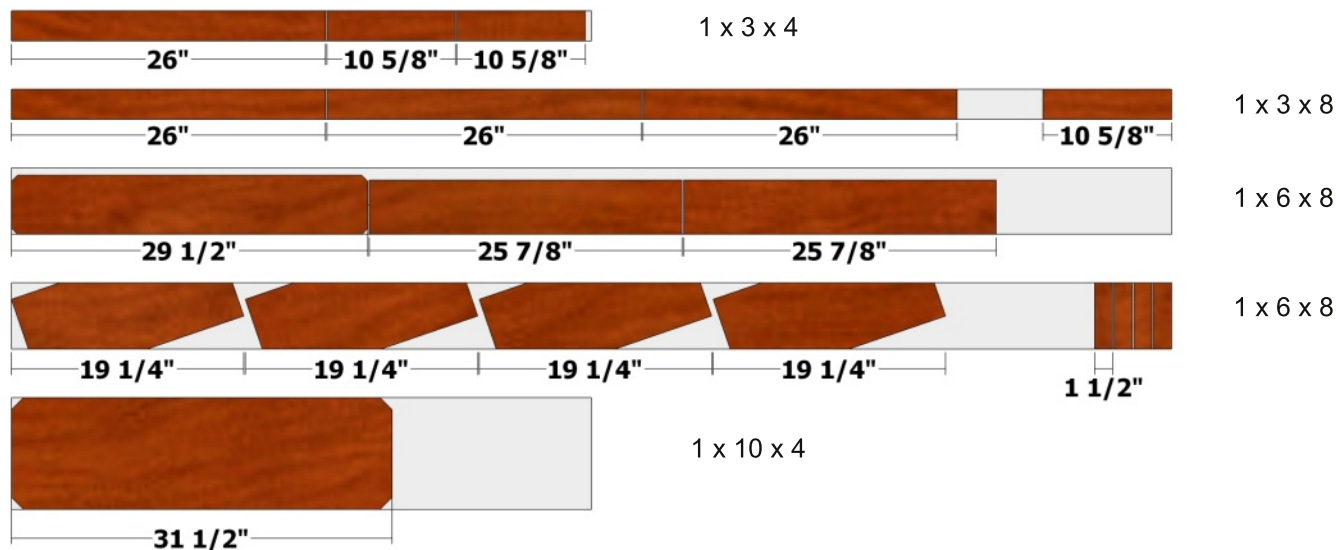
NOTE

Position the **Handle Assembly** as shown below and attach using glue and 2-inch wood screws. Drive the screws through the **Leg Assembly** and into the **Handle Assembly**. Repeat on the other side.





CUTTING DIAGRAM



PARTS

Legs (4) - 3/4 x 5 1/2 x 19 1/4
 Bottom Side Rails (2) - 3/4 x 2 1/2 x 26
 End Rails (2) - 3/4 x 2 1/2 x 10 5/8
 Stretcher (1) - 3/4 x 2 1/2 x 10 5/8
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 Handles (4) - 3/4 x 1 1/2 x 5 1/2

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!