

CHIEF'S SHOP PLAN OF THE WEEK



SIMPLE WOODWORKING: RUSTIC BUFFET



WHAT YOU'LL NEED



LUMBER

- 5 - 1 x 3 x 6
- 2 - 1 x 4 x 6
- 4 - 1 x 4 x 8
- 4 - 1 x 6 x 8
- 2 - 1 x 8 x 8

(availability will vary)

HARDWARE/SUPPLIES

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

TOOLS

- miter saw
- jigsaw
- pneumatic nailer/hammer
- drill/driver
- Kreg Pocket Hole Jig
- 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.



MORE PLANS

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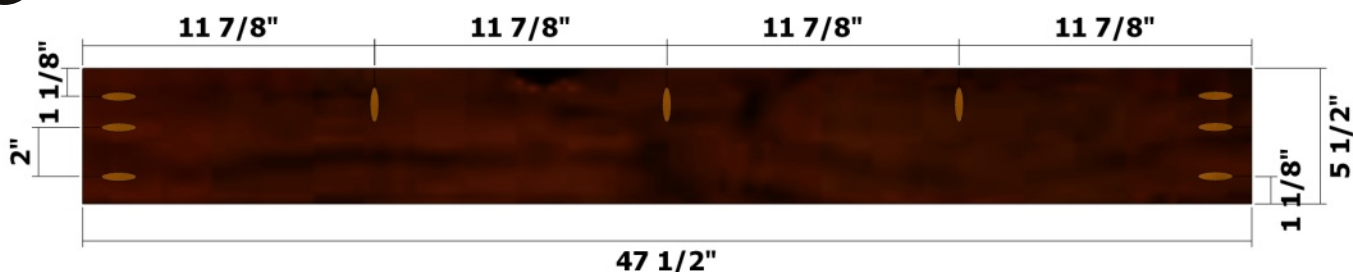
PARTS

- Top Side Rails (2)** - 3/4 x 5 1/2 x 47 1/2
- Top End Rails (2)** - 3/4 x 5 1/2 x 18
- Top Stretcher (2)** - 3/4 x 5 1/2 x 16 1/2
- Bottom Side Rails (2)** - 3/4 x 3 1/2 x 61 7/16
- Bottom End Rails (2)** - 3/4 x 3 1/2 x 18
- Bottom Stretcher (2)** - 3/4 x 3 1/2 x 16 1/2
- Legs (4)** - 3/4 x 7 1/4 x 38 11/16
- Wide Top Slats (3)** - 3/4 x 5 1/2 x 67
- Narrow Top Slats (2)** - 3/4 x 3 1/2 x 67
- Side Bottom Slats (2)** - 3/4 x 3 1/2 x 67
- Mid Bottom Slats (5)** - 3/4 x 2 1/2 x 67

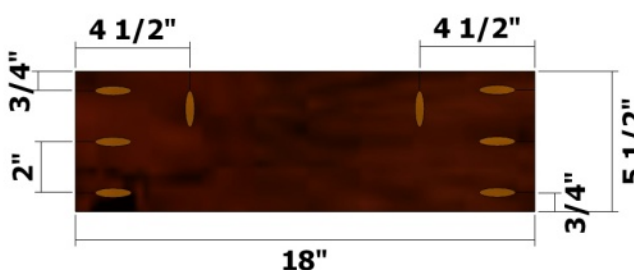
All parts are listed in actual dimensions. Refer to the Cutting Diagram on the last page of this plan as a guide for determining the specific board from which to cut the parts.

LAYOUT

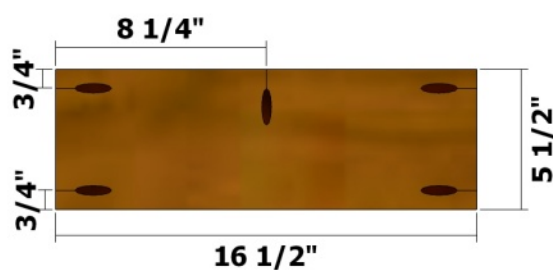
Top Side Rail



Top End Rail



Top Stretcher

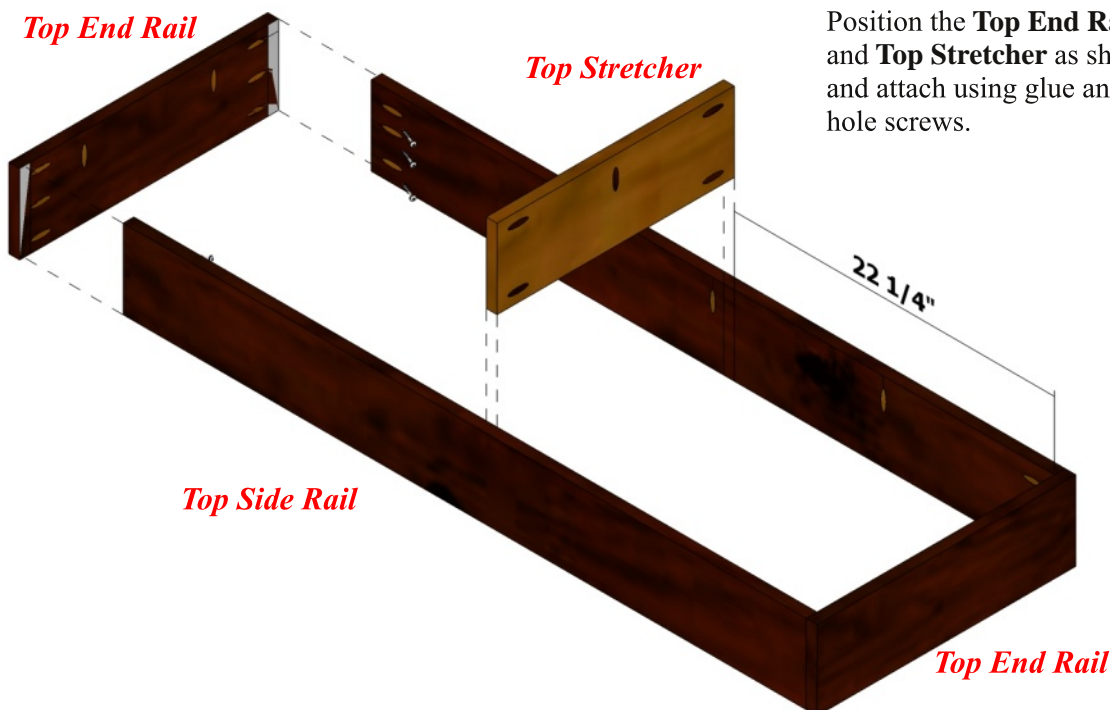


NOTE

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

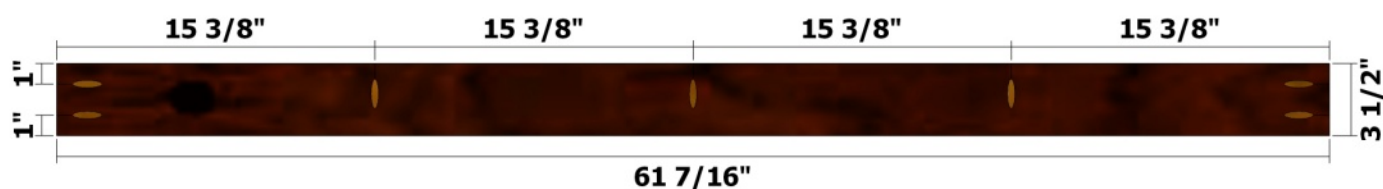
NOTE

Position the **Top End Rails**, **Top Side Rails**, and **Top Stretcher** as shown at left, and attach using glue and 1 1/4-inch pocket hole screws.

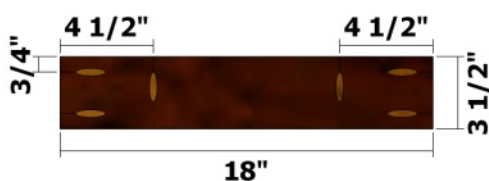


LAYOUT

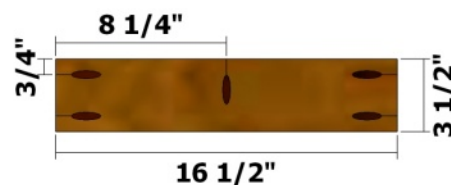
Bottom Side Rail



Bottom End Rail



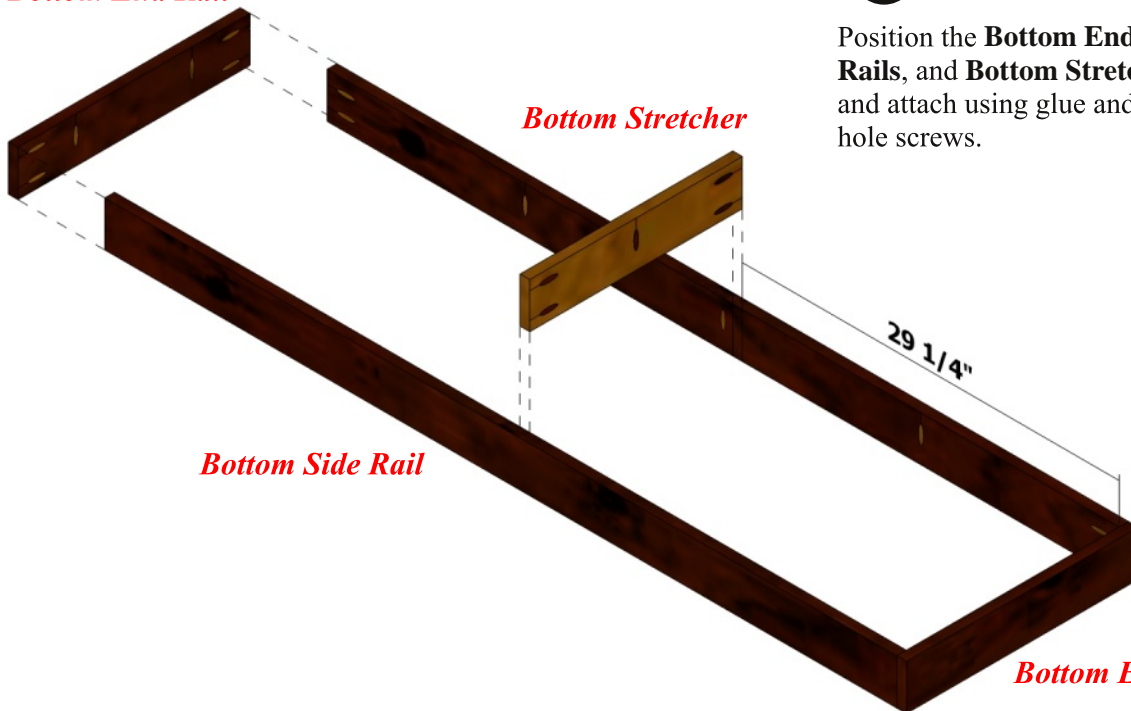
Bottom Stretcher



NOTE

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

Bottom End Rail



NOTE

Position the **Bottom End Rails**, **Bottom Side Rails**, and **Bottom Stretcher** as shown at left, and attach using glue and 1 1/4-inch pocket hole screws.

LAYOUT



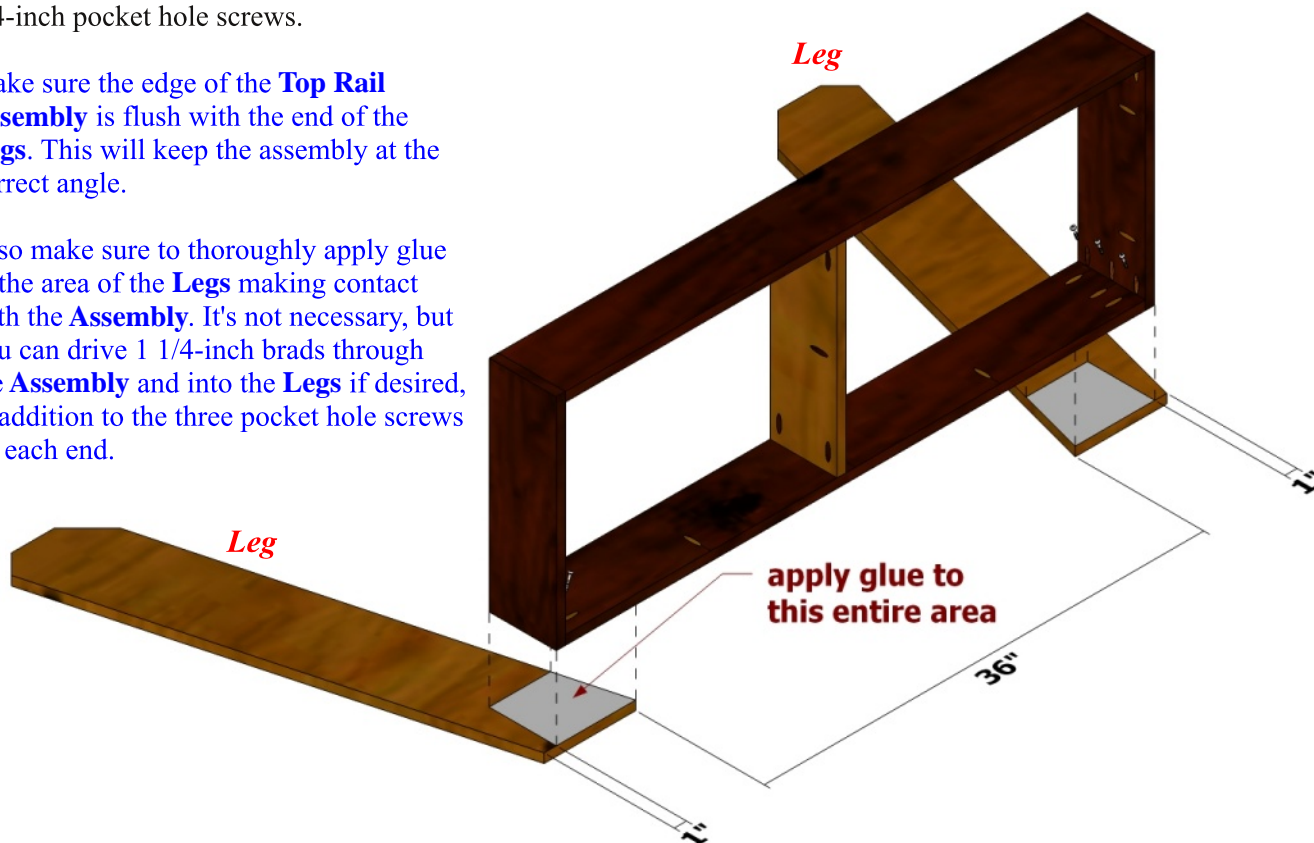
NOTE Use the layout as a guide for measuring, marking, and cutting the **Legs**. **Note: Mark ALL of the cutlines on the part before cutting. On the bottom end (the right side of the image above), cut the 15-degree cut first.**

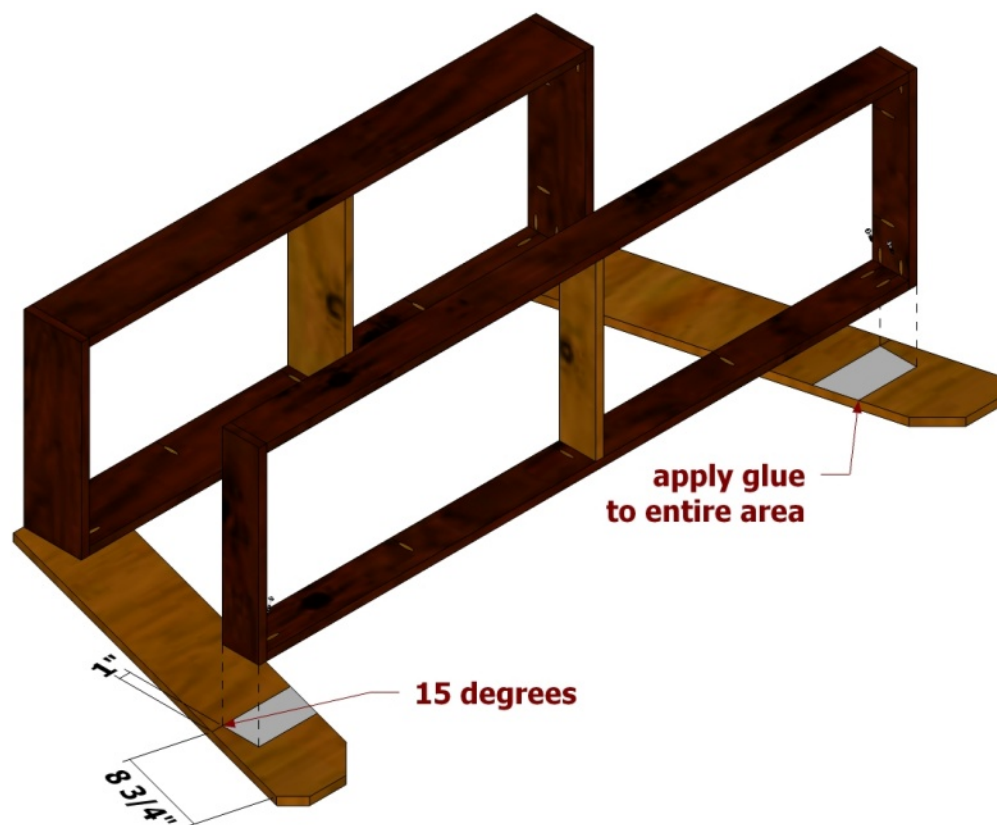
NOTE

Position the **Top Rail Assembly** as shown and attach to the **Legs** using glue and 1 1/4-inch pocket hole screws.

Make sure the edge of the **Top Rail Assembly** is flush with the end of the **Legs**. This will keep the assembly at the correct angle.

Also make sure to thoroughly apply glue to the area of the **Legs** making contact with the **Assembly**. It's not necessary, but you can drive 1 1/4-inch brads through the **Assembly** and into the **Legs** if desired, in addition to the three pocket hole screws on each end.





NOTE

Position the **Bottom Rail Assembly** as shown and attach to the **Legs** using glue and 1 1/4-inch pocket hole screws.

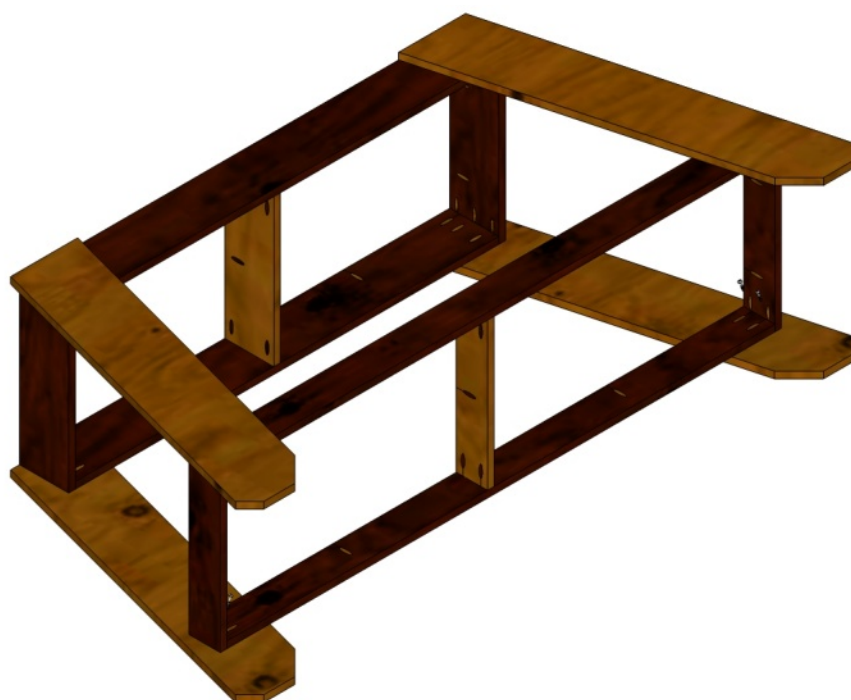
Be sure to mark the starting point of the **Assembly** on both **Legs**.

Also make sure to thoroughly apply glue to the area of the **Legs** making contact with the **Assembly**. It's not necessary, but you can drive 1 1/4-inch brads through the **Assembly** and into the **Legs** if desired, in addition to the three pocket hole screws on each end.

NOTE

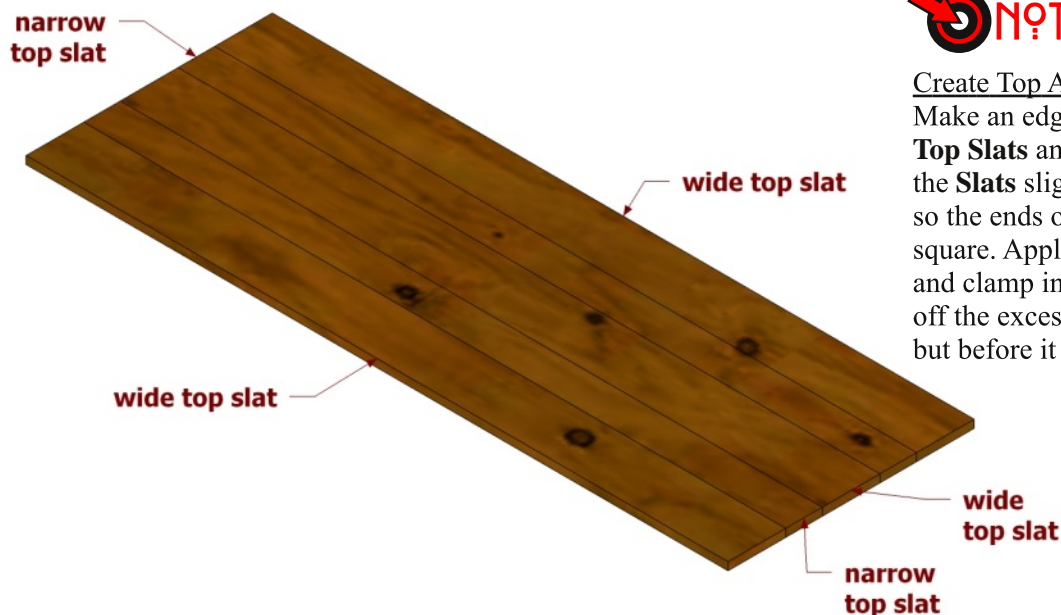
Place the remaining two **Legs** on your work surface, flip over the **Assembly** on the **Legs**, position as shown previously, and attach the **Assembly** to the **Legs** using glue and 1 1/4-inch pocket hole screws.

Be sure to thoroughly apply glue to the area of the **Legs** making contact with the **Assembly**. It's not necessary, but you can drive 1 1/4-inch brads through the **Assembly** and into the **Legs** if desired, in addition to the three pocket hole screws on each end.



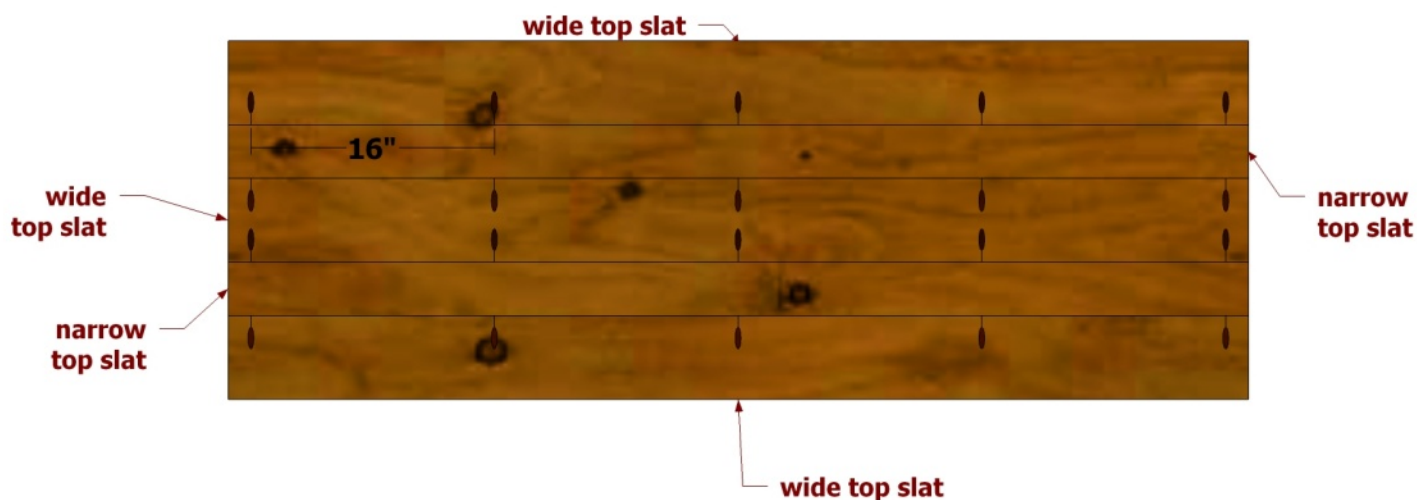
NOTE

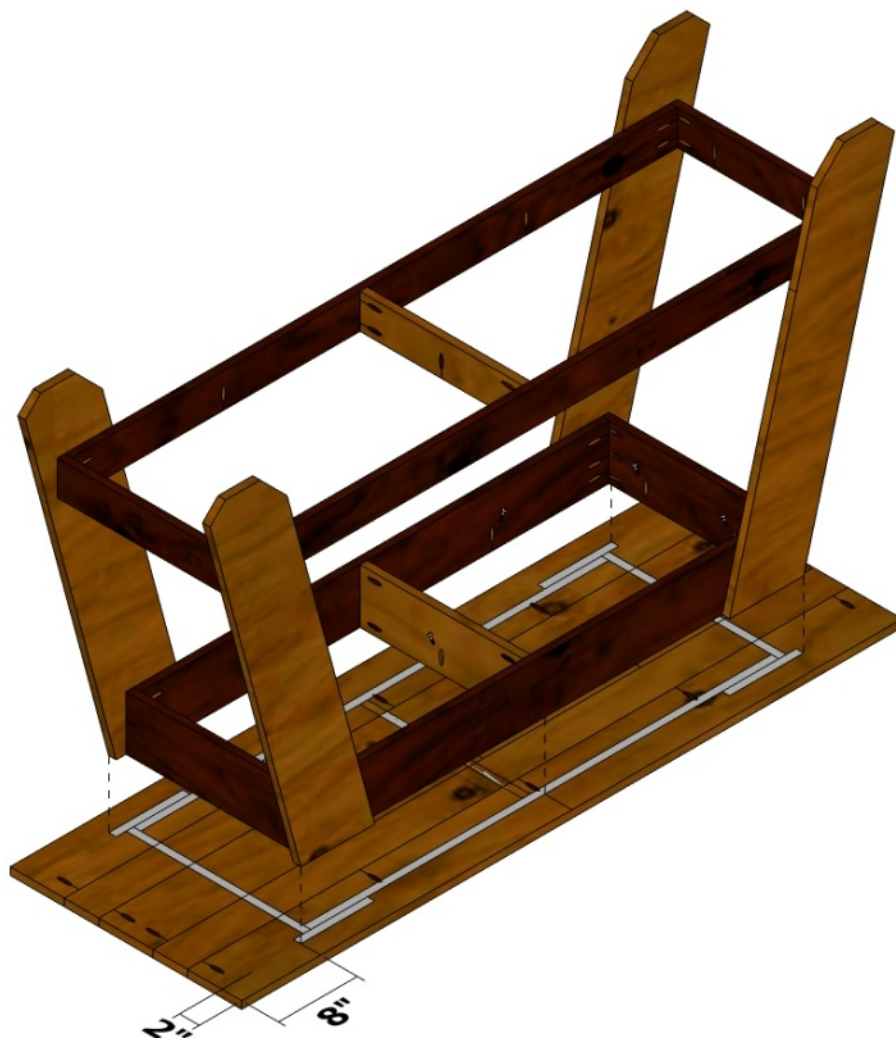
Create Top Assembly - Option 1
Make an edge-glued panel from the **Wide Top Slats** and the **Narrow Top Slats**. Cut the **Slats** slightly longer than the parts list so the ends of the assembly can be cut square. Apply glue to the inside edges and clamp in place using cawls. Scrape off the excess glue after it has dried a bit, but before it fully sets.



NOTE

Create Top Assembly - Option 2
Drill pocket holes in a pattern as shown below, and attach the **Slats** using glue and 1 1/4-inch pocket holes. Cut the **Slats** slightly longer than the parts list so the ends of the assembly can be cut square. Scrape off the excess glue after it has dried a bit, but before it fully sets.





 **NOTE**

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

LAYOUT

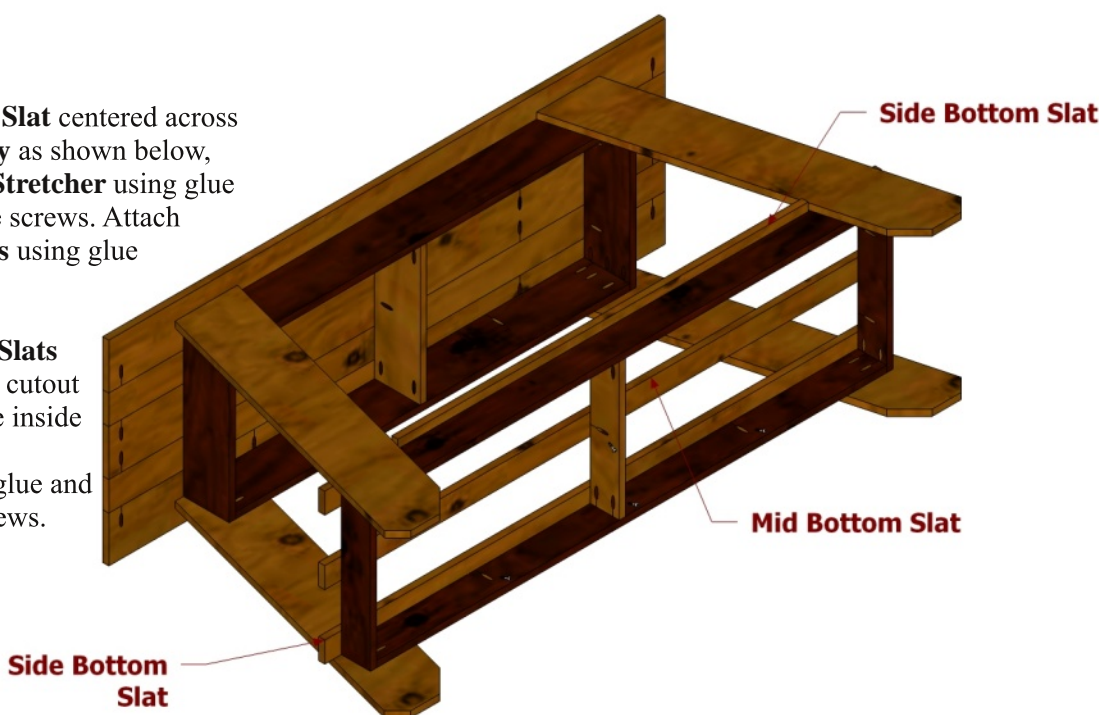


NOTE Use the layout as a guide for measuring, marking, and cutting the **Side Bottom Slats**.

NOTE

Position one **Mid Bottom Slat** centered across the **Bottom Rail Assembly** as shown below, and attach to the **Bottom Stretcher** using glue and 1 1/4-inch pocket hole screws. Attach it to the **Bottom End Rails** using glue and 1 1/4-inch brads.

Position the **Side Bottom Slats** as shown at right, with the cutout sections resting against the inside of the **Legs**. Attach to the **Bottom Side Rails** using glue and 1 1/4-inch pocket hole screws.

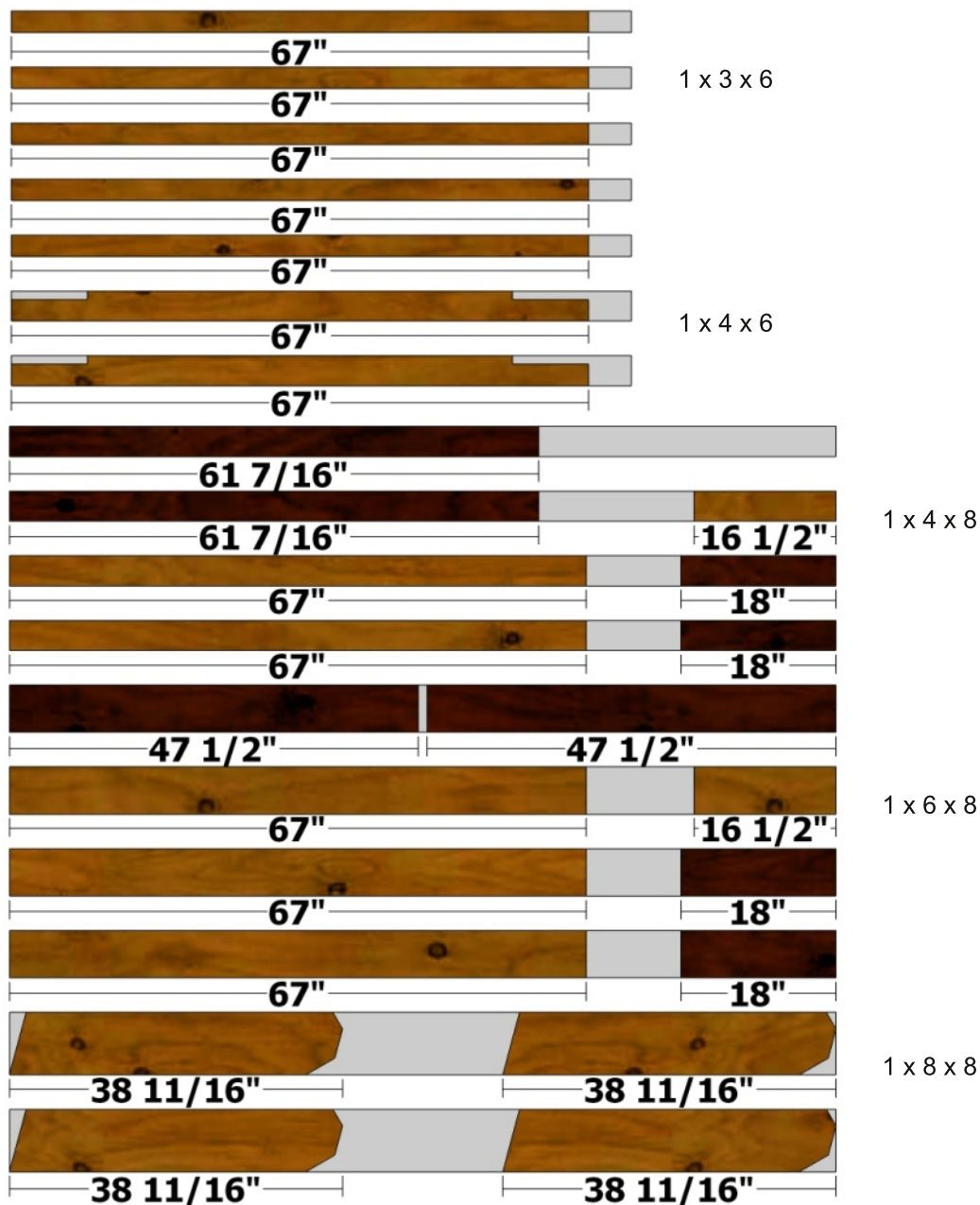


 **NOTE**

Position the remaining **Mid Bottom Slats** space equidistantly apart. Attach the two outer **Slats** to the **Bottom End Rails** using glue and 1 1/4-inch pocket hole screws, and to the **Bottom Stretcher** using glue and 1 1/4-inch brads. Attach the remaining **Slats** using glue and 1 1/4-inch brads.



 **CUTTING DIAGRAM**



✚ PARTS ✚

Top Side Rails (2) - 3/4 x 5 1/2 x 47 1/2
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 **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!

