

CHIEF'S SHOP PLAN OF THE WEEK



GRILL SIDE TABLE



WHAT YOU'LL NEED



LUMBER

- 1 - 1-inch round dowel
- 1 - 2x2x8
- 4 - 2x4x8
- 2 - 2x6x8

(availability will vary)

HARDWARE/SUPPLIES

- 2 1/2" deck screws
- Kreg 2 1/2" pocket hole screws
- wood glue
- wood filler, choice of finish

TOOLS

- miter saw, circular saw
- sander/belt sander
- drill/driver
- drill press (optional)
- 1" Forstner bit
- Kreg Jig
- clamps
- square

ABOUT THESE PLANS

On this first page you will see above the project complete. On one of the last two pages 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. 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.



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PARTS



- bottom stretchers (3) - 1 1/2 x 1 1/2 x 19 5/8
- bottom rails (2) - 1 1/2 x 1 1/2 x 16 1/4
- legs (4) - 1 1/2 x 3 1/2 x 32
- top end rails (2) - 1 1/2 x 3 1/2 x 19 1/4
- top stretcher (1) - 1 1/2 x 3 1/2 x 14 5/8
- top side rails (2) - 1 1/2 x 3 1/2 x 21 1/8
- top end slats (2) - 1 1/2 x 5 1/2 x 26 1/4
- top slats (4) - 1 1/2 x 3 1/2 x 26 1/4
- bottom end slats (2) - 1 1/2 x 3 1/2 x 16 1/4
- bottom slats (3) - 1 1/2 x 5 1/2 x 19 1/4
- handle brackets (4) - 1 1/2 x 3 1/2 x 3
- handles (2) - 1 x 17 1/4

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.

VIDEO?

Check out Chief's Shop Videos on YouTube. ([click here](#))

GRILL SIDE TABLE

Bottom Stretcher



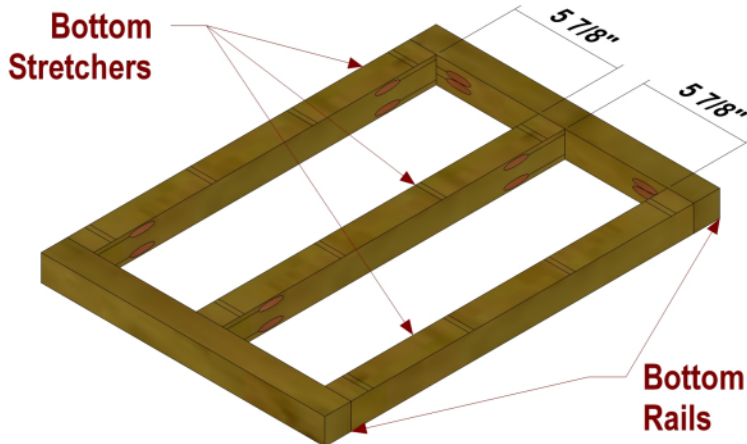
Bottom Rail



LAYOUT

NOTE

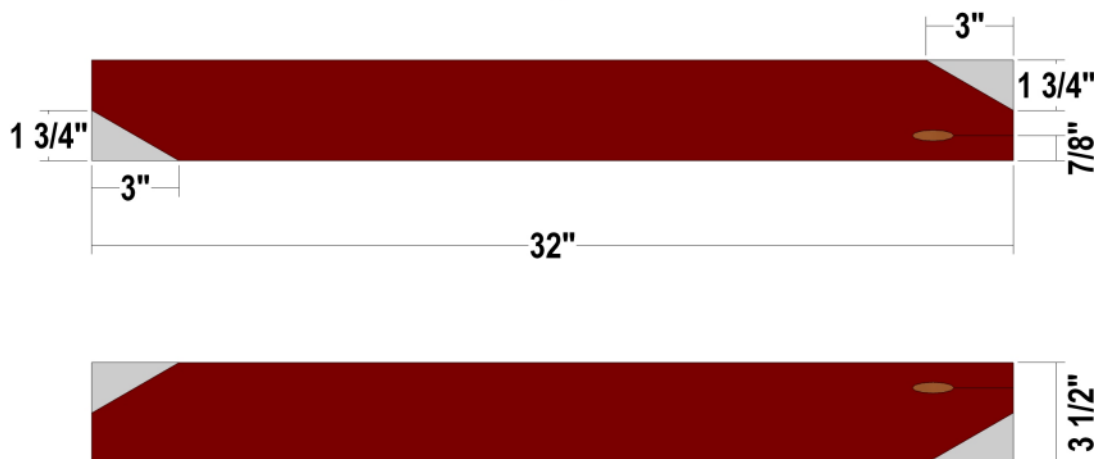
Use the layout for creating the Bottom Stretchers and Bottom Rails. **Set your Kreg Jig and drill bit for 1 1/2" stock.**



NOTE

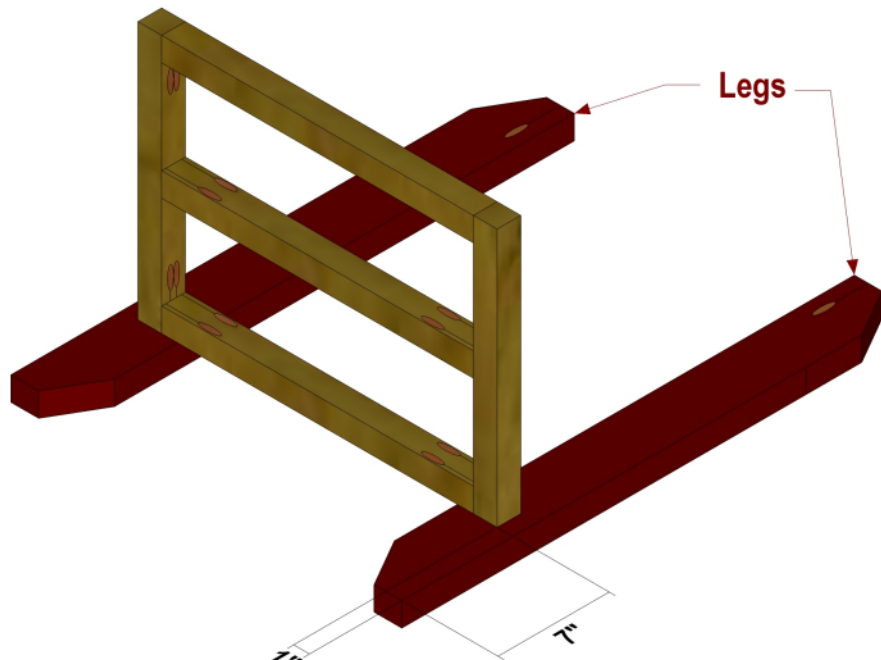
Apply glue to the ends of the Bottom Stretchers, position as shown, and attach using 2 1/2" pocket hole screws.

Legs



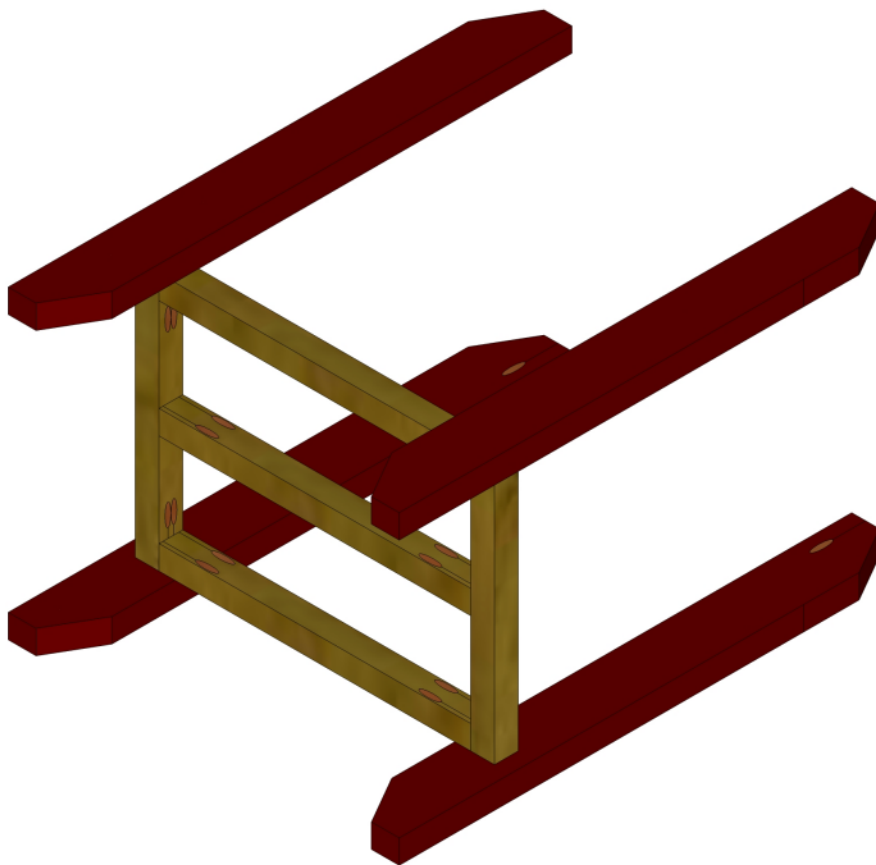
NOTE

Use the layout for creating the Legs. **Create two of each layout. Set your Kreg Jig and drill bit for 1 1/2" stock.**

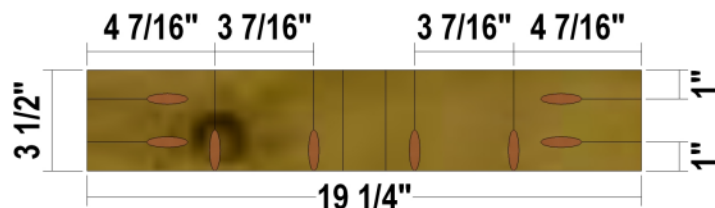


NOTE

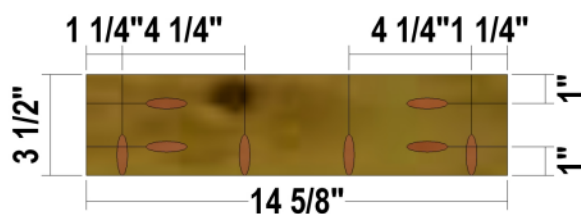
Apply glue to the end of the Bottom Rails, position as shown, and attach using 2 1/2" pocket hole screws. You may need to use a right angle attachment for your drill if you find it difficult to tilt your drill and drill bit at the slight angle to drive the screws.



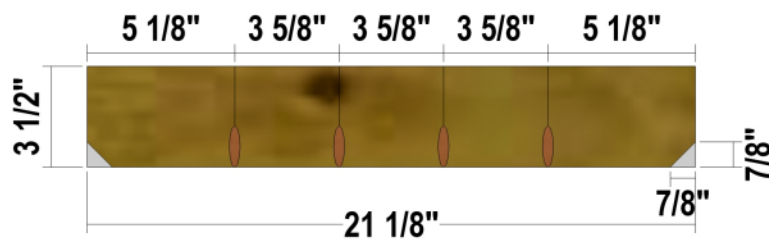
Top End Rail



Top Stretcher



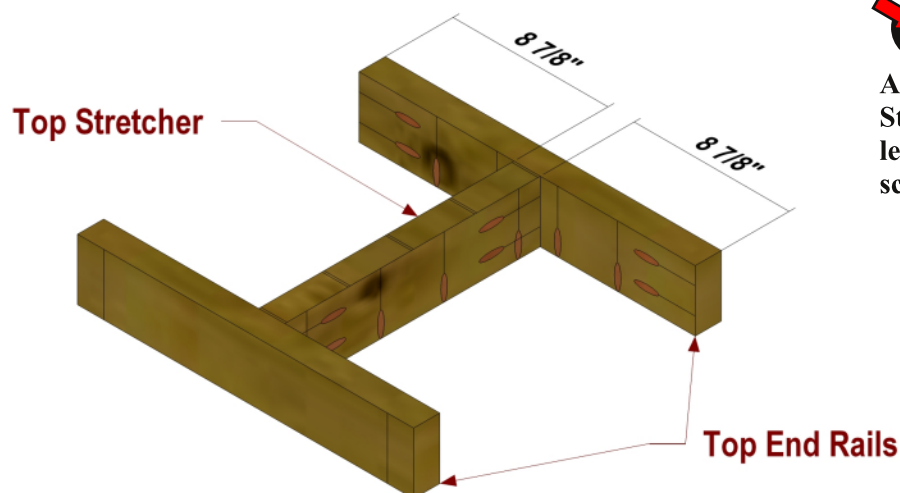
Top Side Rail



LAYOUT

NOTE

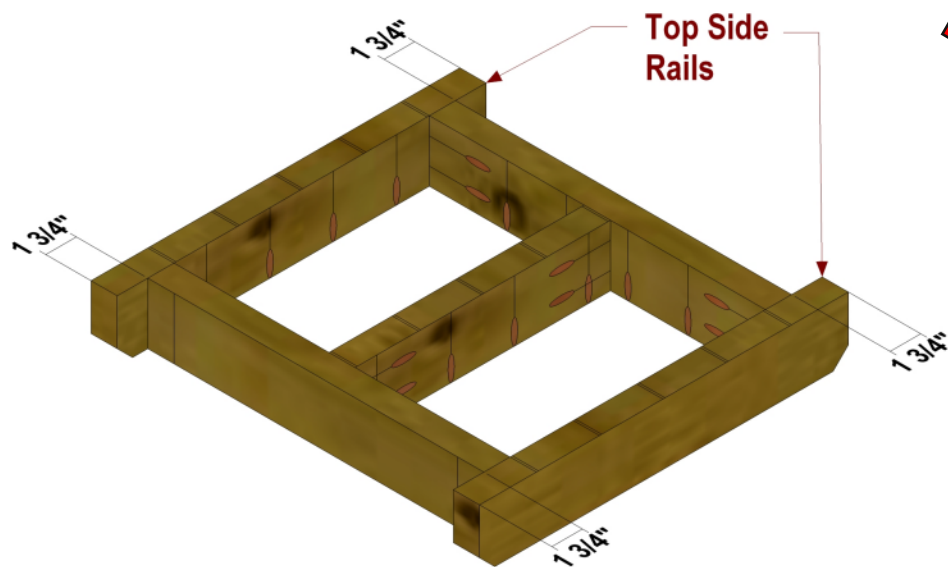
Use the layout for creating the Top End Rails, Top Stretcher, and Top Side Rails. Set your Kreg Jig and drill bit for 1 1/2" stock.



NOTE

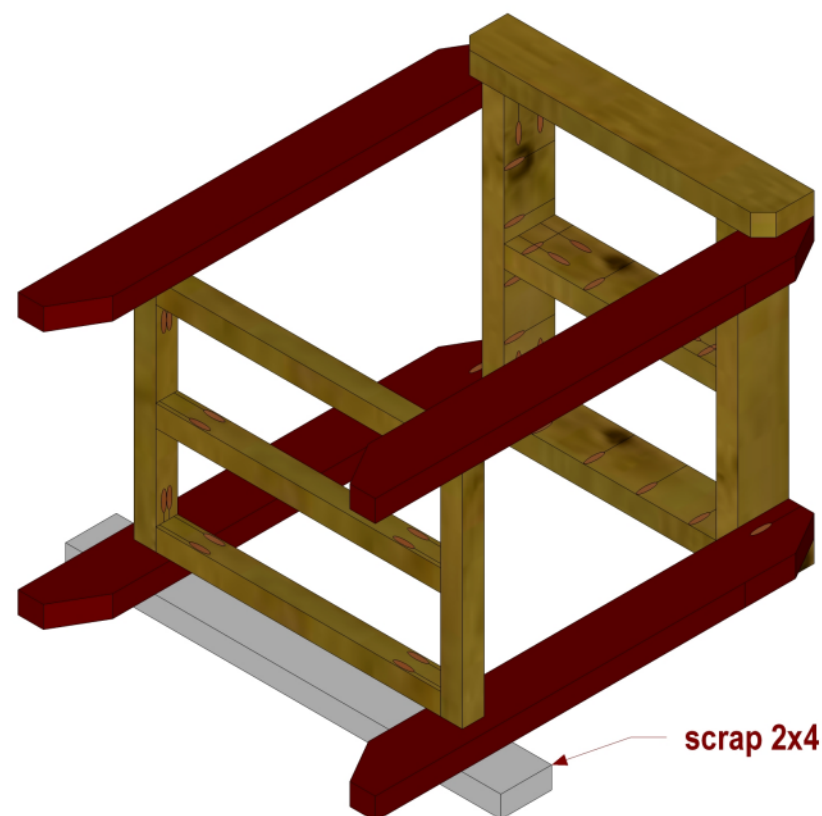
Apply glue to the ends of the Top Stretcher and position as shown at left. Attach using 2 1/2" pocket hole screws.

GRILL SIDE TABLE



NOTE

Apply glue to the ends of the Top End Rails and position as shown at left. Attach using 2 1/2" pocket hole screws.



NOTE

Apply glue to the inside face of the Top Side Rails (the part that extends beyond the Top End Rails), position as shown at left (use scrap 2x4 for example to support the assembly), and attach using 2 1/2" deck screws driven through the Top Side Rails and into the Legs. Position these screws so that they are not in the path of the pocket hole on the inside of the Legs.

Top End Slat

LAYOUT

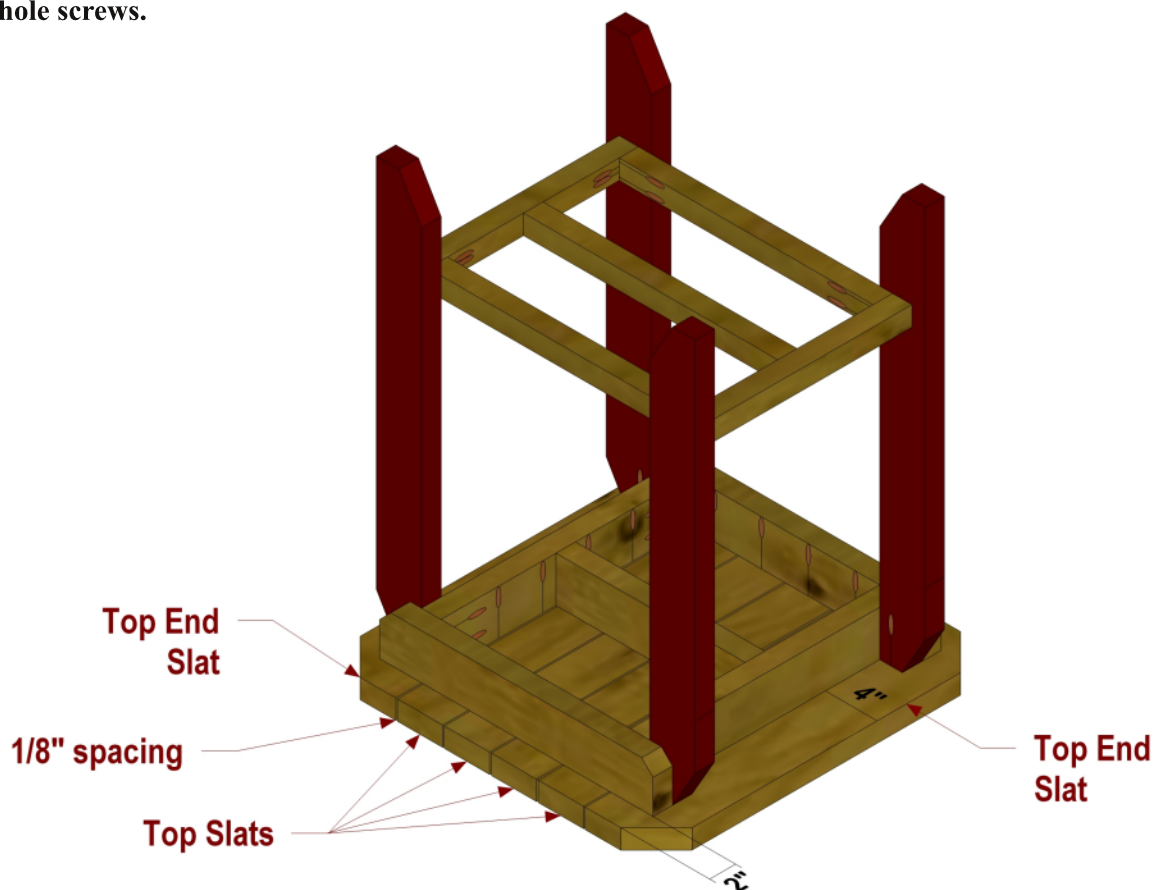
NOTE

Use the layout for creating the Top End Slats.



NOTE

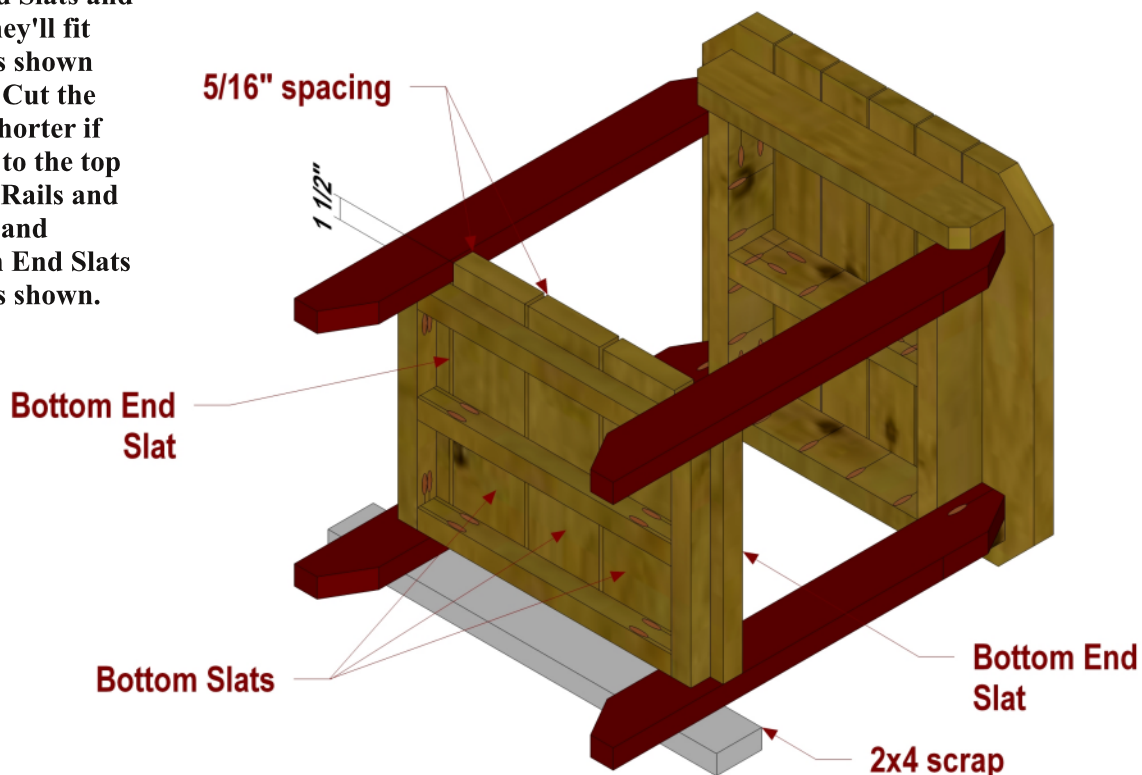
Apply glue to the top end of the Legs, and top edges of the Top End Rails, Top Stretcher, and Top Side Rails, and position on the Top End Slats and Top Slats as shown. Attach using 2 1/2" pocket hole screws.



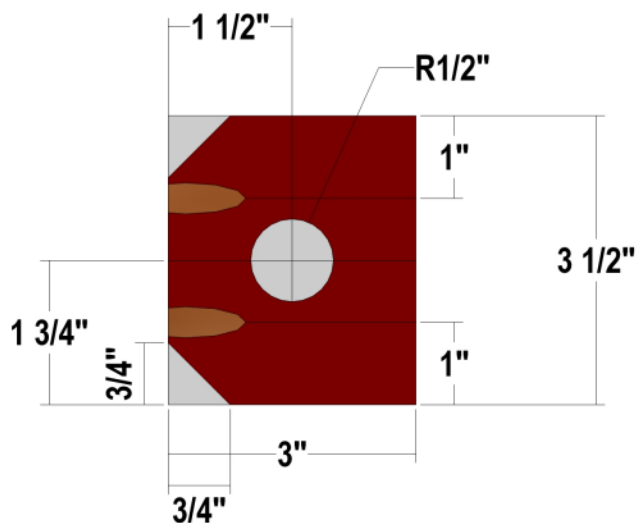
NOTE

Cut the Bottom End Slats and test to make sure they'll fit between the Legs as shown positioned at right. Cut the Bottom End Slats shorter if needed. Apply glue to the top edge of the Bottom Rails and Bottom Stretchers, and position the Bottom End Slats and Bottom Slats as shown.

Attach by driving 2 1/2" deck screws through the Rails and Stretchers and into the Slats.



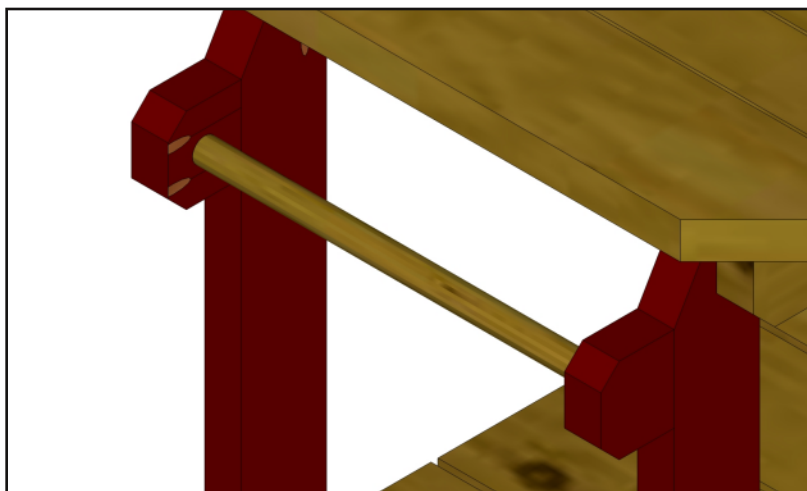
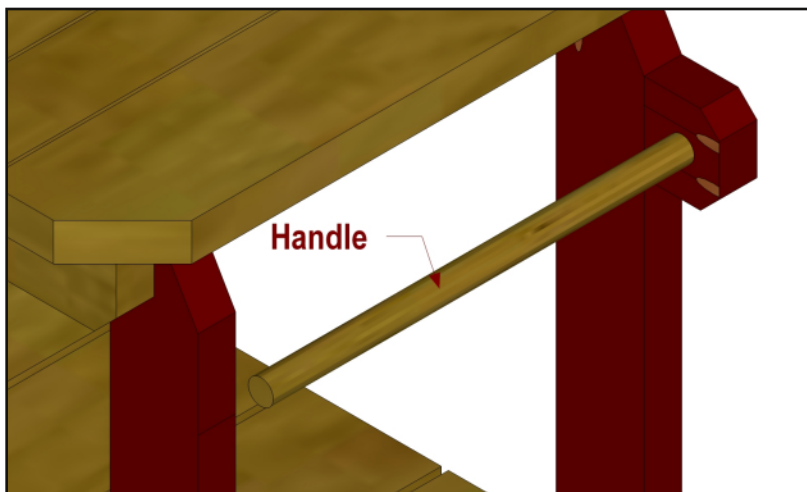
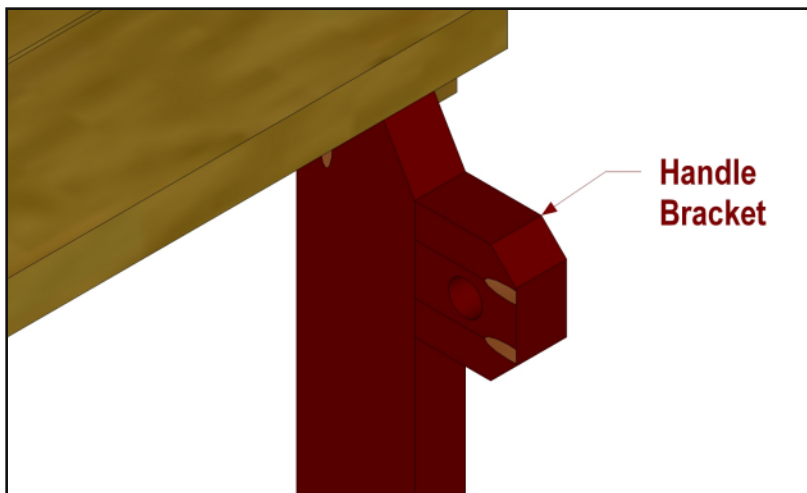
Handle Bracket



LAYOUT

NOTE

Use the layout for creating the Handle Brackets. Drill the 1" hole 3/4" deep using a 1-inch Forstner bit.



NOTE

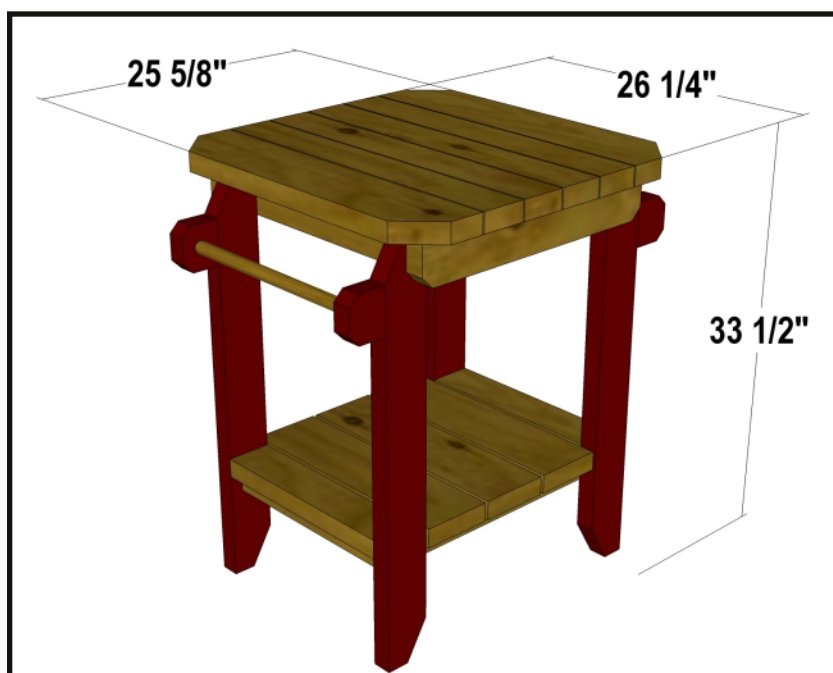
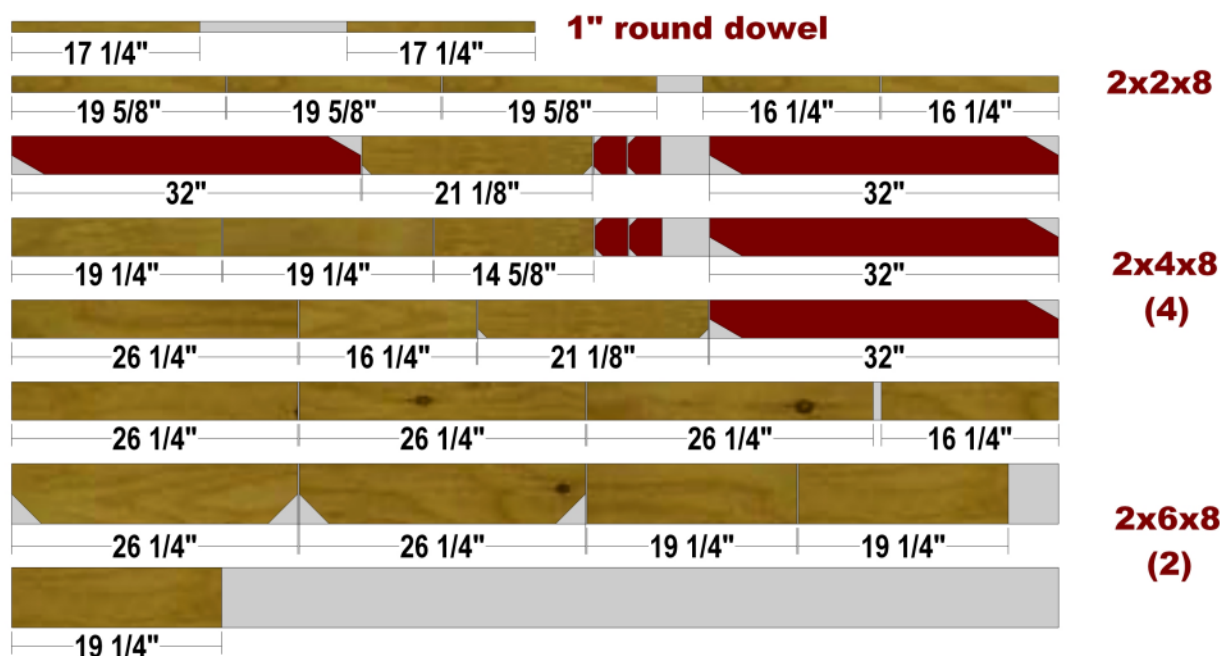
Apply glue to the end of the Handle Bracket and position as shown at top left. Attach using 2 1/2" pocket hole screws.

Sand the ends of the Handle to taper them a bit. Insert one end into the Handle bracket about 1/2" deep, as shown in the middle image at left.

Apply glue to the end of another Handle Bracket, place it on the Handle, position on the Leg as shown at bottom left, and attach using 2 1/2" pocket hole screws.



CUTTING DIAGRAM



Estimated lumber cost:
starting at \$27

PARTS

bottom stretchers (3) - 1 1/2 x 1 1/2 x 19 5/8
bottom rails (2) - 1 1/2 x 1 1/2 x 16 1/4
legs (4) - 1 1/2 x 3 1/2 x 32
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handle brackets (4) - 1 1/2 x 3 1/2 x 3
handles (2) - 1 x 17 1/4

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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!