

CHIEF'S SHOP PLAN OF THE WEEK



SIMPLE WOODWORKING: RUSTIC COFFEE TABLE



WHAT YOU'LL NEED



LUMBER

1 - 1 x 3 x 6
1 - 1 x 6 x 6
1 - 1 x 6 x 8
1 - 1 x 8 x 8
1 - 4 x 4 x 8
1 - 3/4" x 2' x 4'
sheet of plywood
(availability will vary)

HARDWARE/SUPPLIES

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

TOOLS

circular saw or table saw
with tapering jig
miter saw
sander
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 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



Side Rails (2) - 3/4 x 5 1/2 x 30 1/2
End Rails (2) - 3/4 x 5 1/2 x 21 1/2
Cleats (3) - 3/4 x 2 1/2 x 21 1/2
Legs (4) - 3 1/2 x 3 1/2 x 14
Bottom (1) - 3/4 x 21 7/16 x 30 7/16
End Slats (2) - 3/4 x 5 1/2 x 20
Side Slats (2) - 3/4 x 7 1/4 x 40

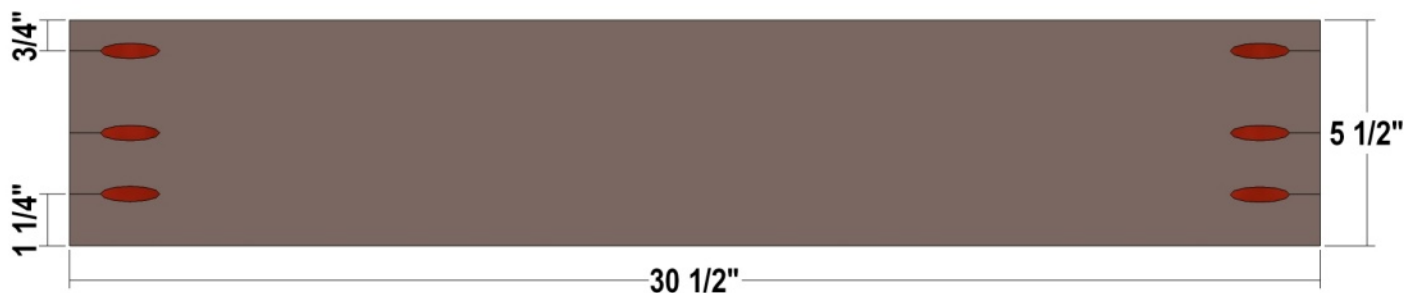
All parts are listed in actual dimensions. Refer to the Cutting Diagram on the last page of this plan as a guide for determining the specific board from which to cut the parts.

VIDEO

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

LAYOUT

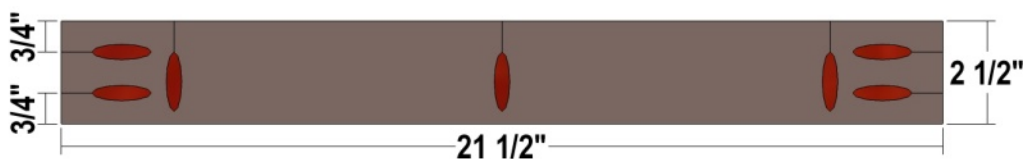
Side Rail



NOTE

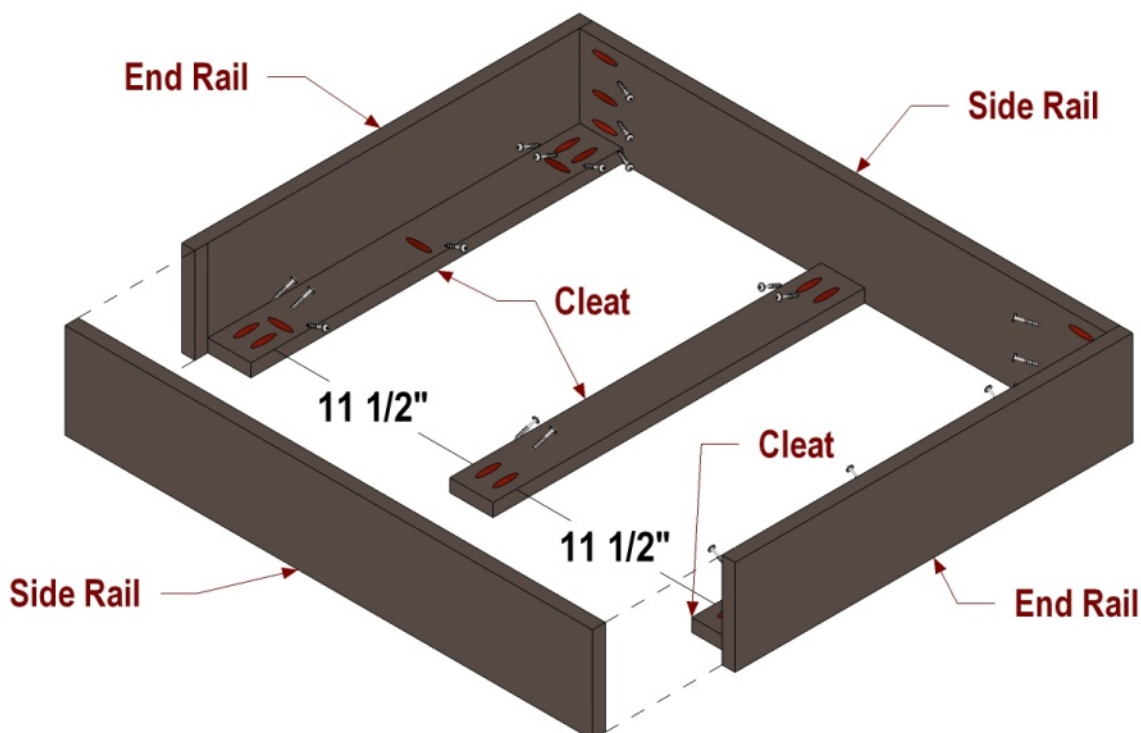
Use the layouts as guides for measuring, marking, cutting, and drilling pocket holes in the **Side Rails** and **Cleats**. Be sure to set your pocket hole jig and drill bit for 3/4-inch stock. Make two **Side Rails** and three **Cleats**. For one **Cleat**, only drill the pocket holes on the ends.

Cleat

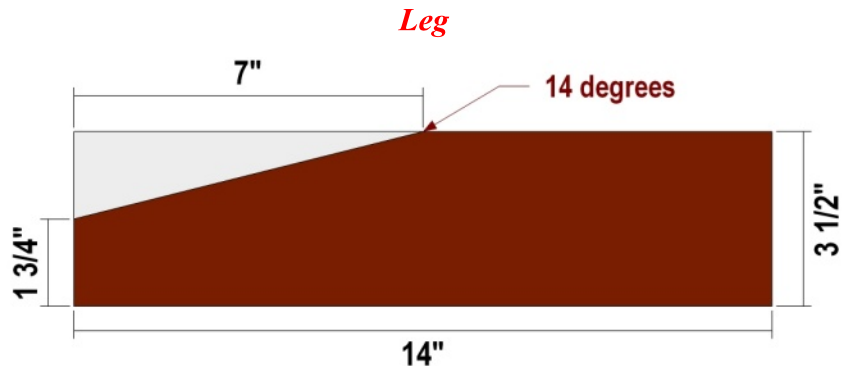


NOTE

Position the parts as shown and attach using glue and 1 1/4-inch pocket hole screws. Clamp the parts in place during assembly.

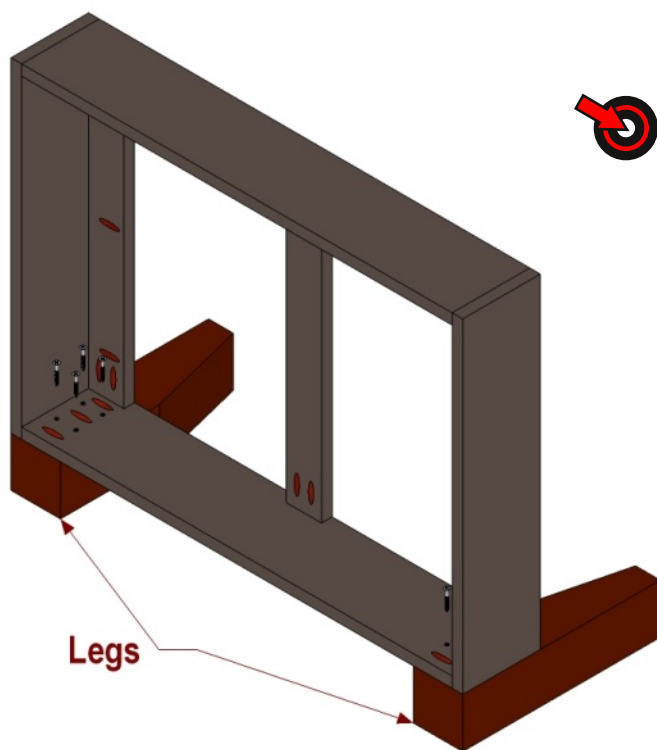


LAYOUT



NOTE

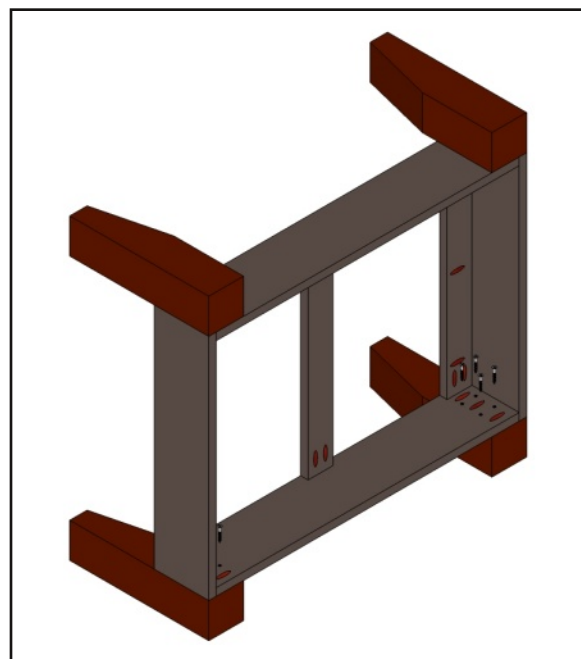
Use the layout as a guide for measuring, marking, and cutting in the **Legs**. [Make four.](#)



NOTE

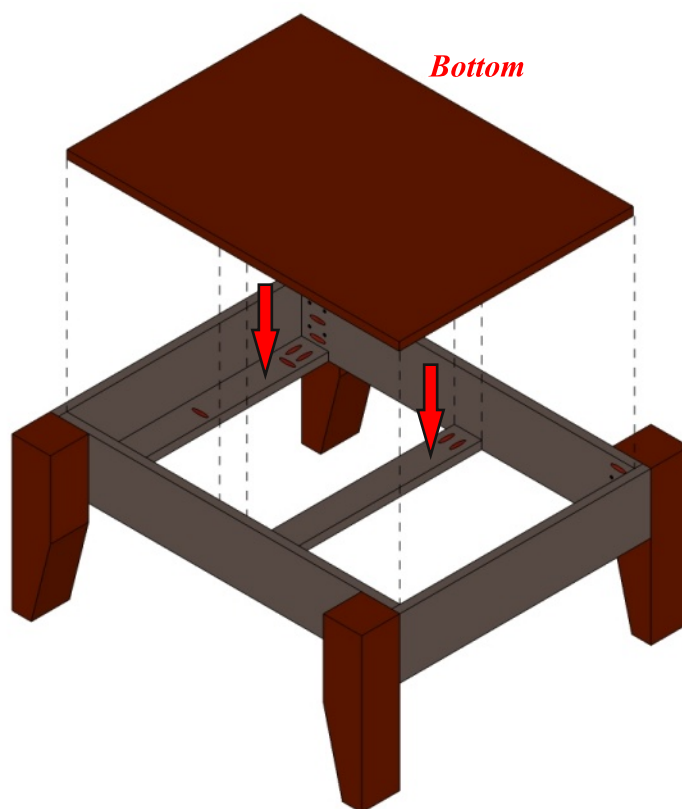
Position the parts as shown and attach the Rail and Cleat Assembly to the **Legs** using glue and 2-inch wood screws.

Clamp the parts in place during assembly.



NOTE

Position the parts as shown and attach the **Bottom** to the **Cleats** using glue and 1 1/4-inch brads. Fill any visible pocket holes, screw holes, and brad holes and apply a finish as desired. Do not apply a finish to the top ends of the **Legs** or the top edges of the **Rails**.

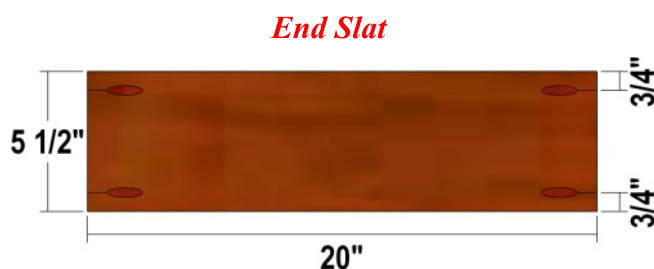


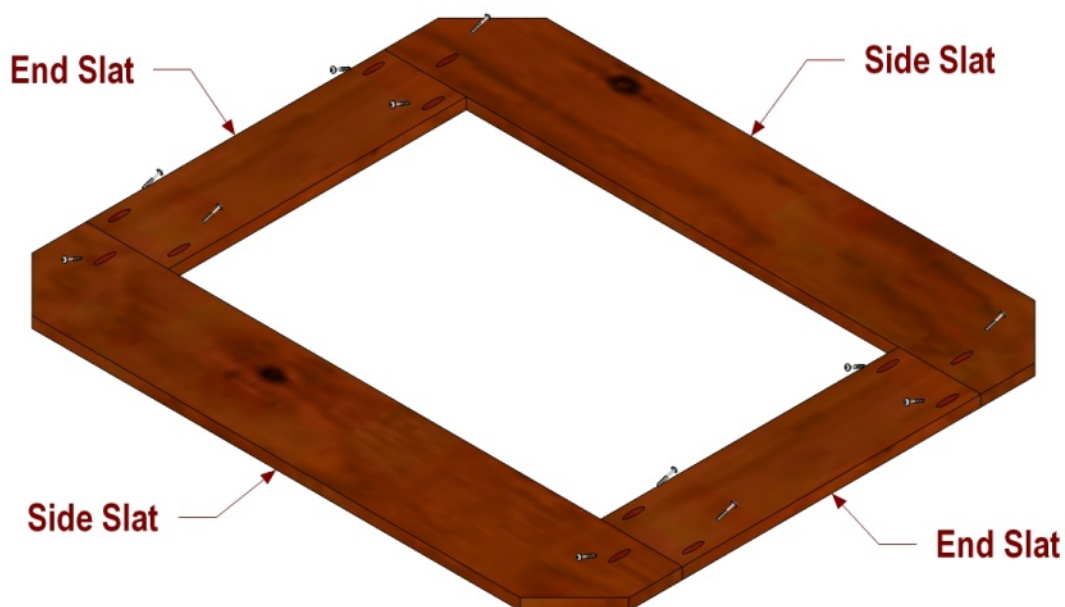
LAYOUT



NOTE

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

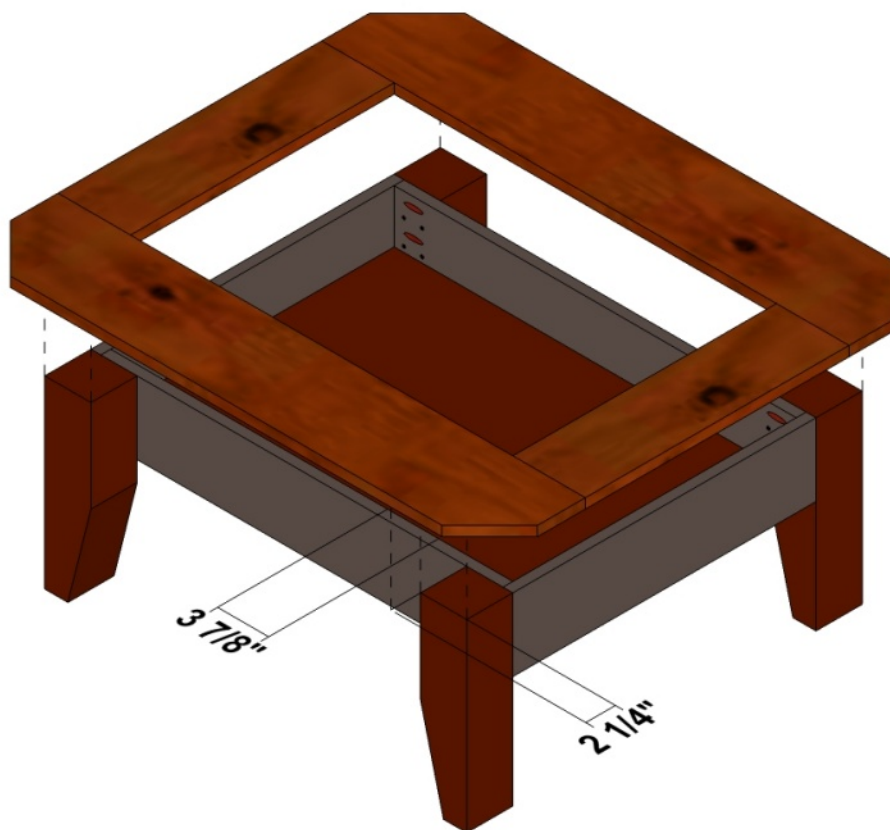




NOTE Position the parts as shown and attach using glue and 1 1/4-inch pocket hole screws. Clamp the parts in place during assembly. Fill the pocket holes with plugs.

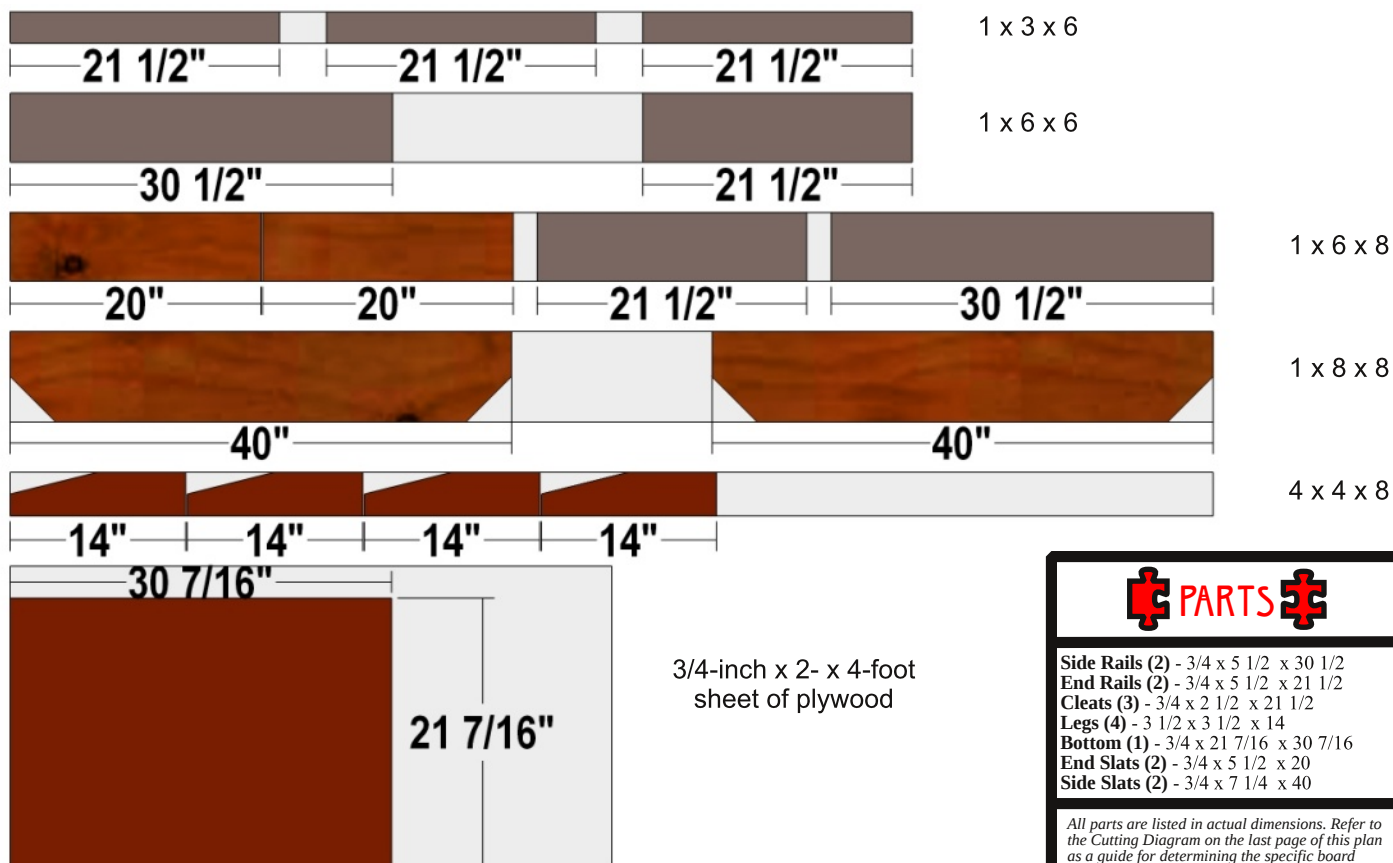


Position the **Slat Assembly** as shown and attach using glue and 1 1/4-inch brads. On the outside the **Leg-Rail Assembly**, the **Slat Assembly** should extend 2 1/4 inches beyond the edges. On the interior, the **Slat Assembly** should extend beyond the inside faces of the **Rails** by 3/4-inch. Fill the brad holes and apply a finish as desired.





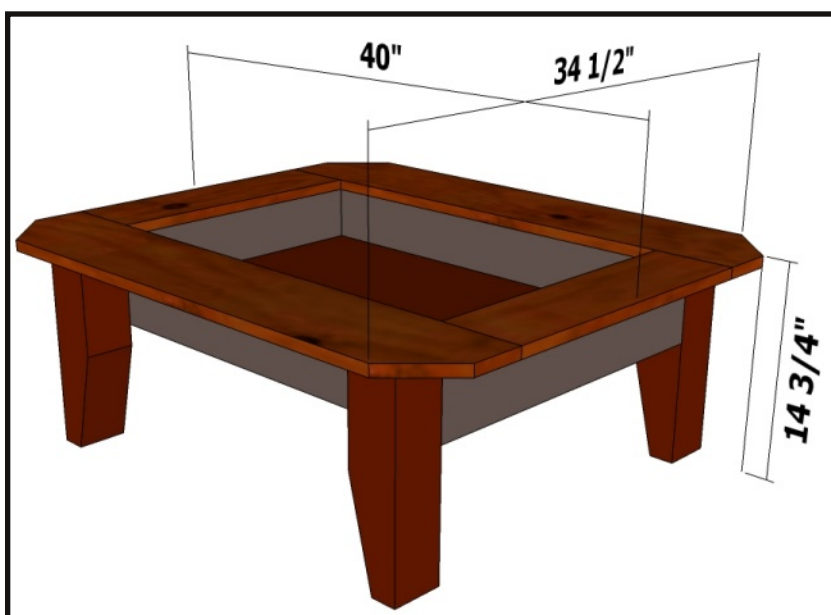
CUTTING DIAGRAM



PARTS

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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!