

SIMPLE WOODWORKING: ACCENT STOOL



WHAT YOU'LL NEED



LUMBER

1 - 1 x 3 x 4
1 - 1 x 12 x 4
2 - 2 x 2 x 36 inches
(availability will vary)

HARDWARE/SUPPLIES

1 1/4" pocket hole screws
1 1/4" brads (optional)
wood glue
paint/stain

TOOLS

miter saw or circular saw
table saw
tapering jig (optional)
jig saw (optional)
drill/driver
Kreg Pocket Hole Jig
power sander
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.

PARTS

Legs (4) - 1 1/2 x 1 1/2 x 14 7/8
Top End Rails (2)
- 3/4 x 2 x 6 1/4
Bottom End Rails (2)
- 3/4 x 2 x 6 1/4
Side Rails (2) - 1 1/2 x 2 x 11
Seat (2) - 3/4 x 11 1/4 x 20

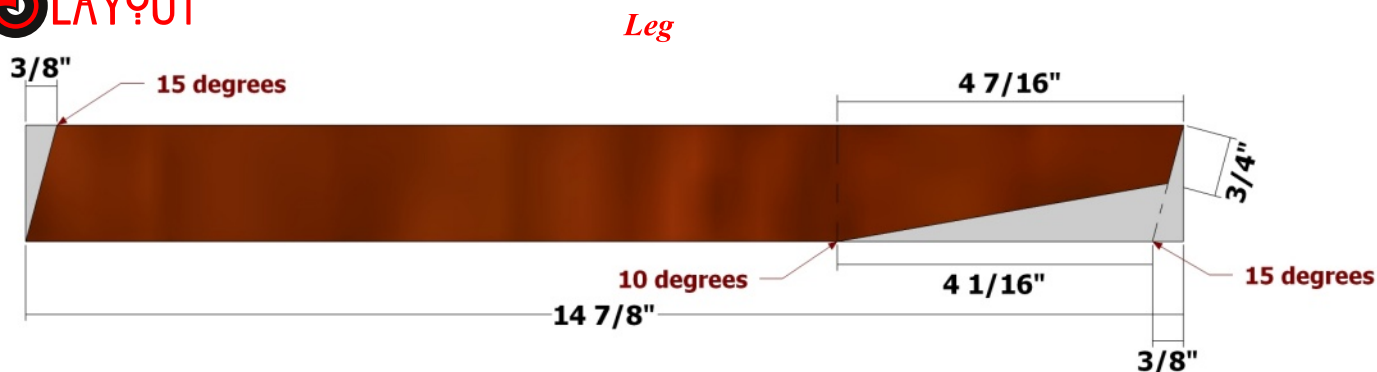
All parts are listed in actual dimensions. Refer to the Cutting Diagram on the last page of this plan as a guide for determining the specific board from which to cut the parts.



MORE PLANS

Want more Chief's Shop plans? Visit chiefs-shop.com and look through the Plans section.
Be sure to "Like" Chief's Shop on facebook by heading over to facebook.com/ChiefsShop.

LAYOUT

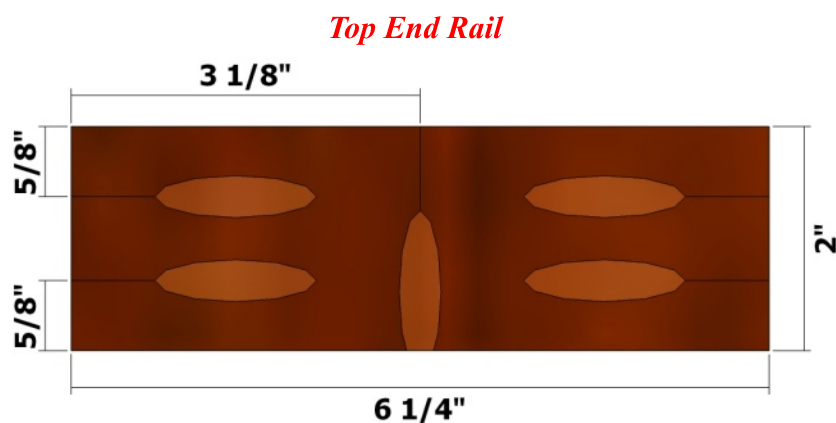


NOTE Use the layout as a guide for measuring, marking, and cutting the **Legs**.

TAKE CARE!

There are multiple ways of cutting the 10-degree taper on the **Legs**, such as using a tapering jig on a table saw, or simply by cutting with a jig saw. Be sure to use proper technique no matter which option you use.

LAYOUT

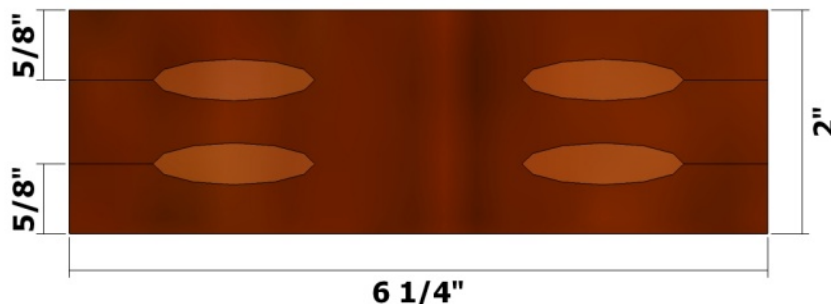


TAKE CARE!

You will need to rip the 1 x 3 x 4 to 2" wide to create the **Top End Rail**, **Bottom End Rail** and **Side Rails**.

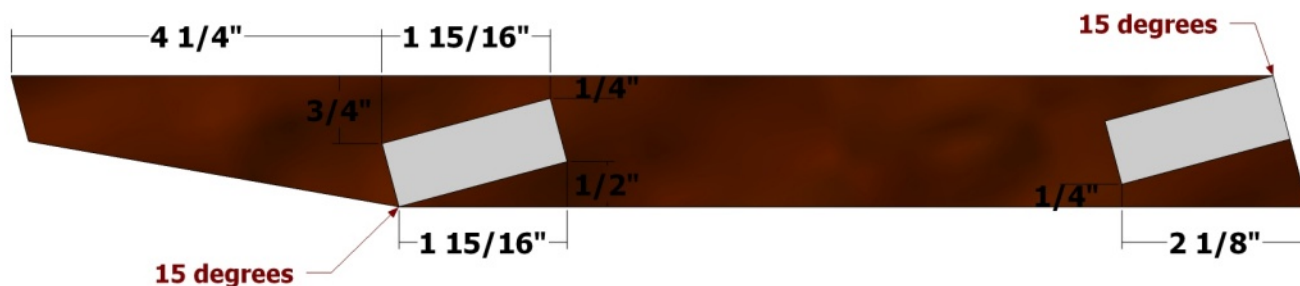
NOTE Use the layouts as guides for measuring, marking, cutting, and drilling pocket holes in the **Top End Rail** and **Bottom End Rail**. Be sure to set your Kreg pocket hole jig and drill bit for 3/4-inch stock.

Bottom End Rail



LAYOUT

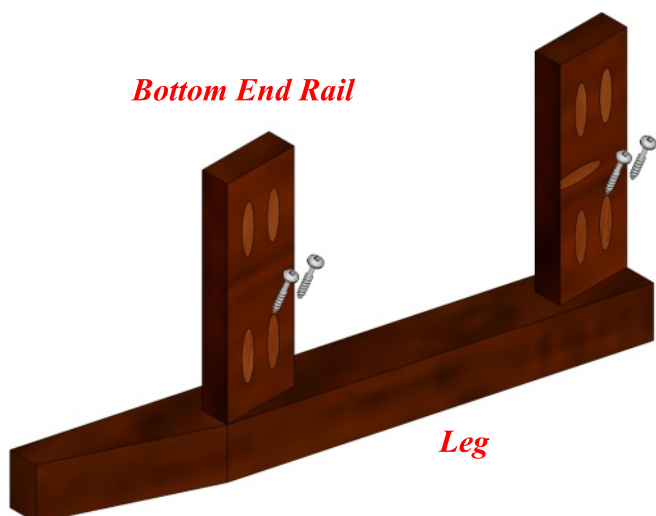
End Rail Positions



NOTE Use this layout as a guide for positioning the **Top End Rails** and **Bottom End Rails** in the following steps.

Top End Rail

Bottom End Rail



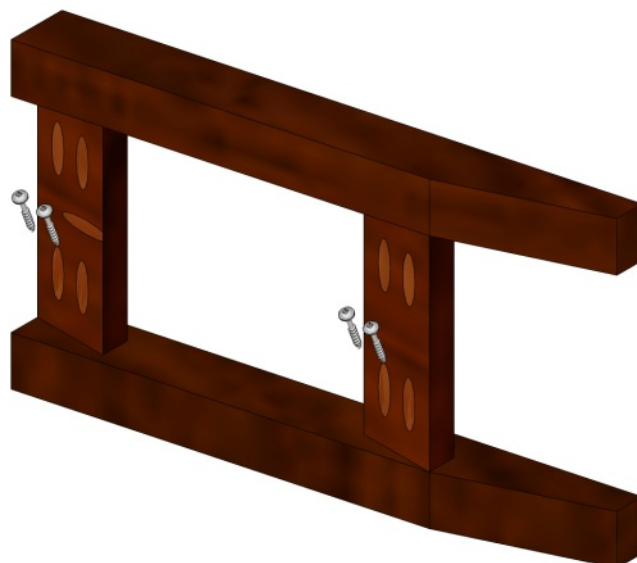
NOTE

Apply glue to the end of a **Top** and **Bottom End Rail**, position as shown, clamp in place (a Kreg Right Angle Clamp will work best), and attach to the Leg using 1 $\frac{1}{4}$ -inch pocket hole screws. *You may want to attach the parts without glue first to make sure you have the parts in the proper position.*

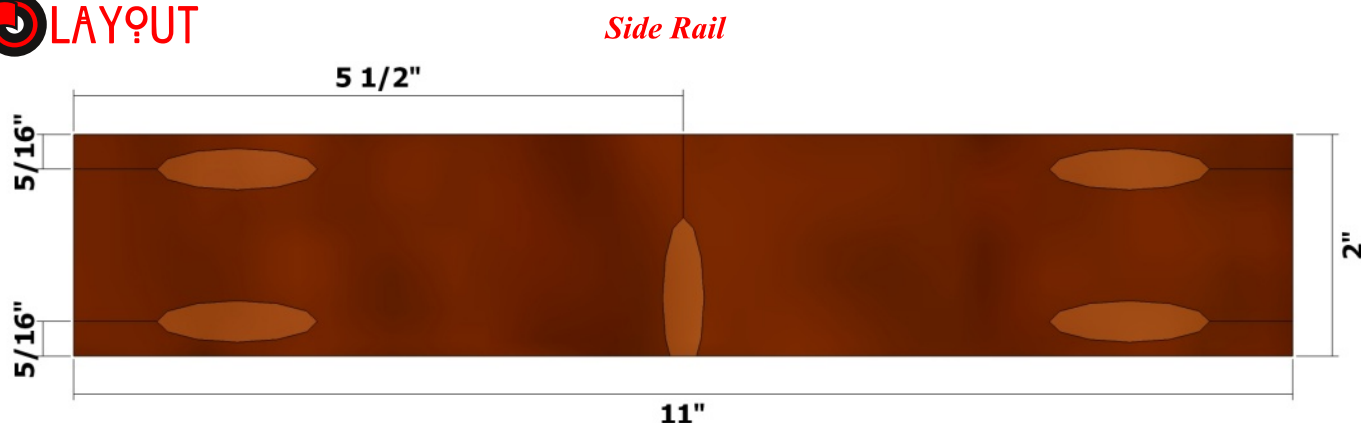


NOTE

Repeat the process to attach the **Rails** to another **Leg** as shown at right. Repeat to create two **End Assemblies**.



LAYOUT

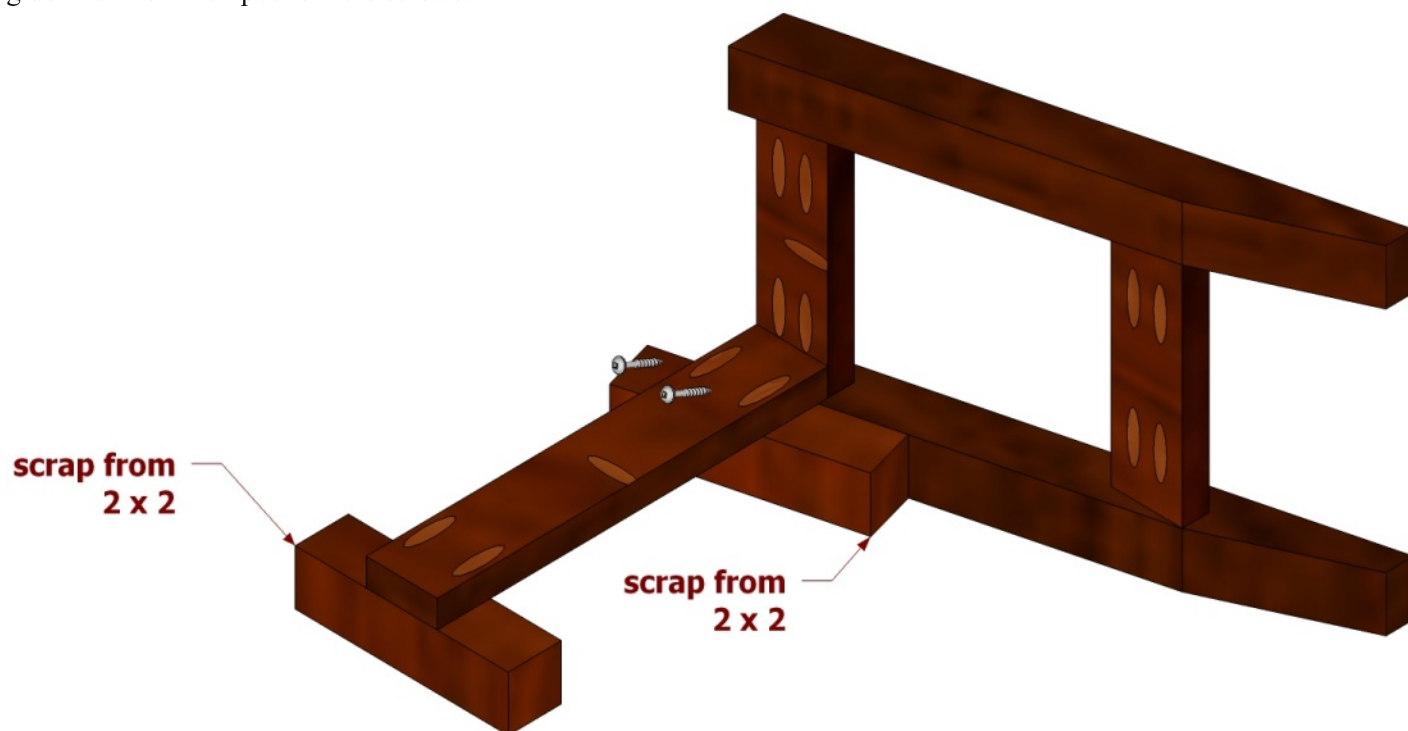


NOTE

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

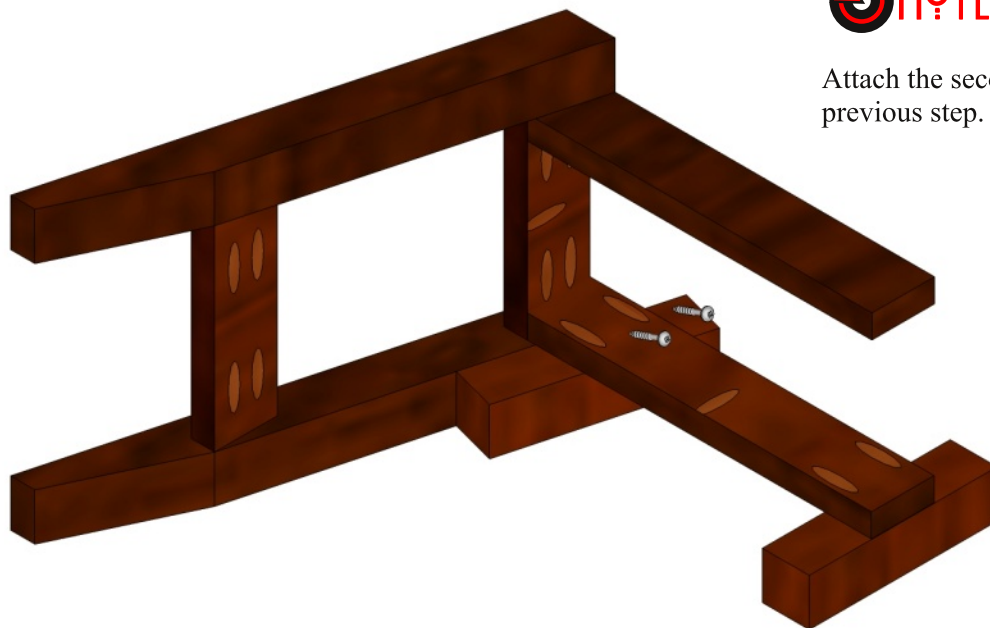
NOTE

Position one **Side Rail** as shown (flush against the **Top End Rail** of one **End Assembly**), using scrap from the 2 x 2s to support the parts. Attach using glue and 1 1/4-inch pocket hole screws.

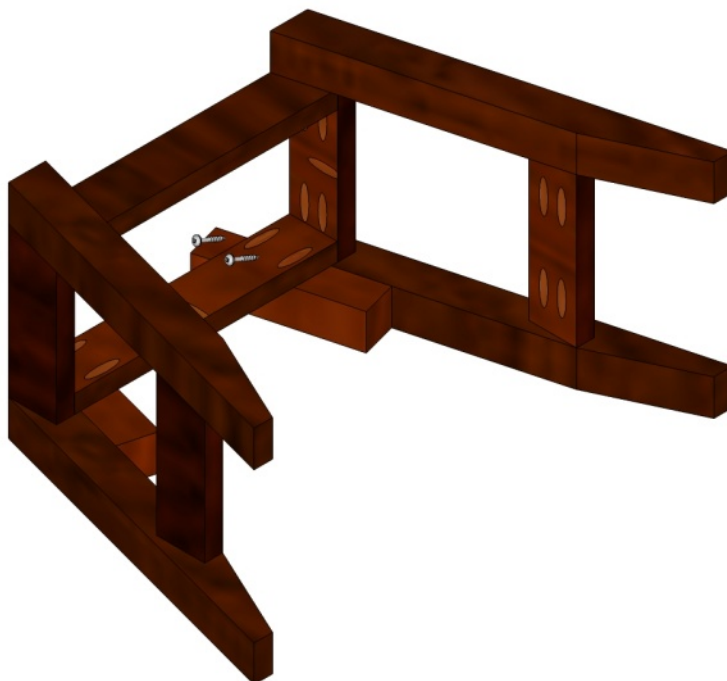




Attach the second **Side Rail** following the previous step.



Attach the other end of the **Side Rails** to the remaining **End Assembly** using glue and 1 1/4-inch pocket hole screws. This creates the **Base Assembly**.



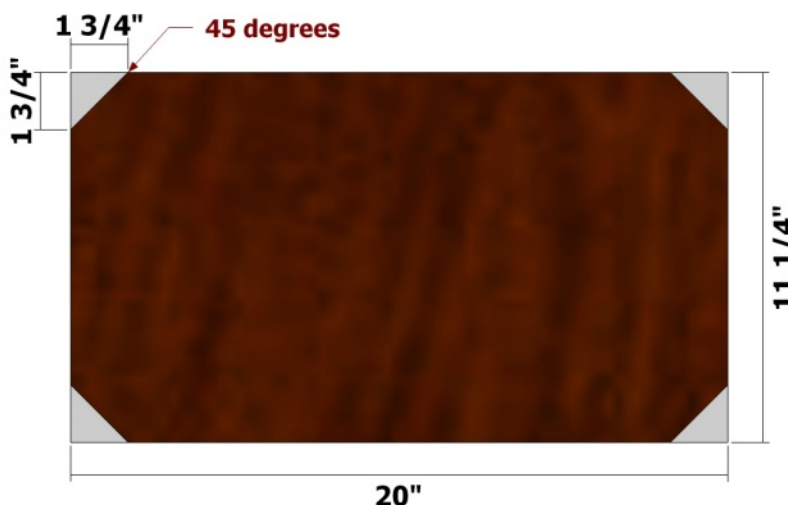
Seats



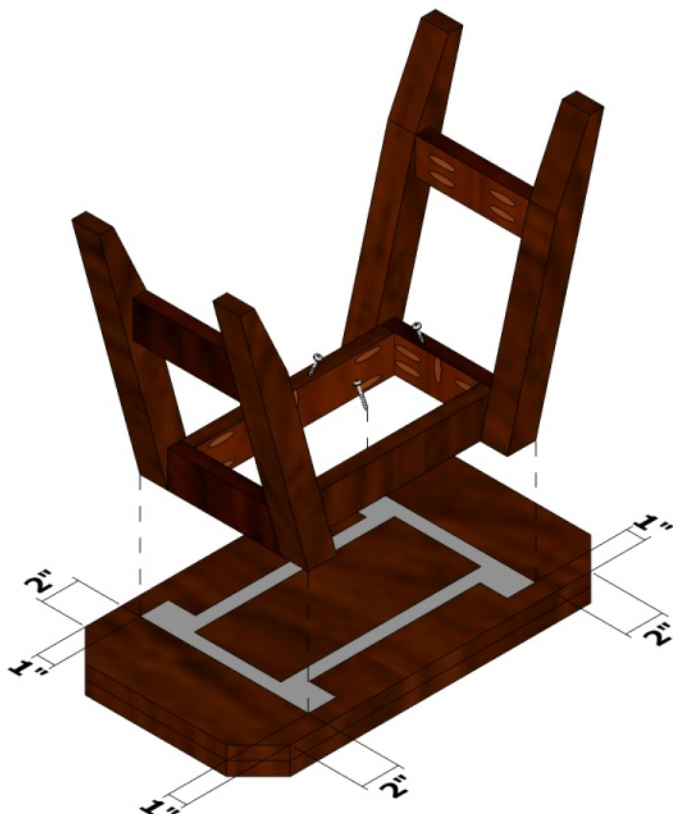
Cut the **Seat** parts to the dimensions in the **Parts List**. Thoroughly apply glue to one face of the **Seat** parts, position the edges flush, add a weight to the center, and clamp the sides. You can drive 1 1/4-inch brads into this assembly if you wish. Allow the glue to set.



Seat Assembly

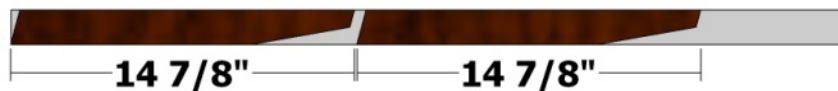


Use the layout as a guide for measuring, marking, and cutting the corners of the **Seat Assembly**.

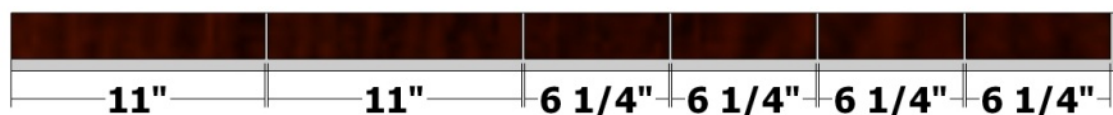
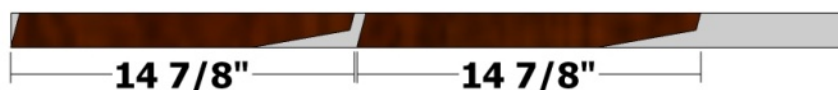


Flip over the **Base Assembly** and place it onto the **Seat Assembly** positioned as shown. Attach the **Base Assembly** to the **Seat Assembly** by driving 1 1/4-inch pocket hole screws through the **Top End Rails** and **Side Rails** and into the **Seat Assembly**. By not using glue, you can replace the seat at any time.

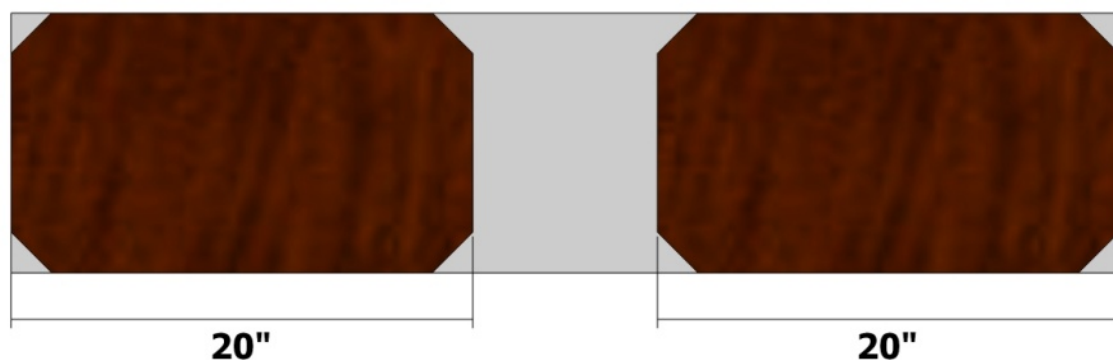
K CUTTING DIAGRAM



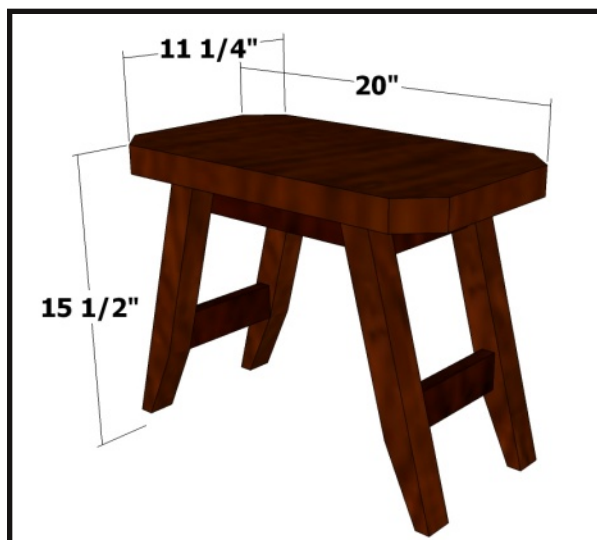
2 x 2 x 36-inch square



1 x 3 x 4



1 x 12 x 4



PARTS

Legs (4) - 1 1/2 x 1 1/2 x 14 7/8
Top End Rails (2)
 - 3/4 x 2 x 6 1/4
Bottom End Rails (2)
 - 3/4 x 2 x 6 1/4
Side Rails (2) - 1 1/2 x 2 x 11
Seat (2) - 3/4 x 11 1/4 x 20

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!