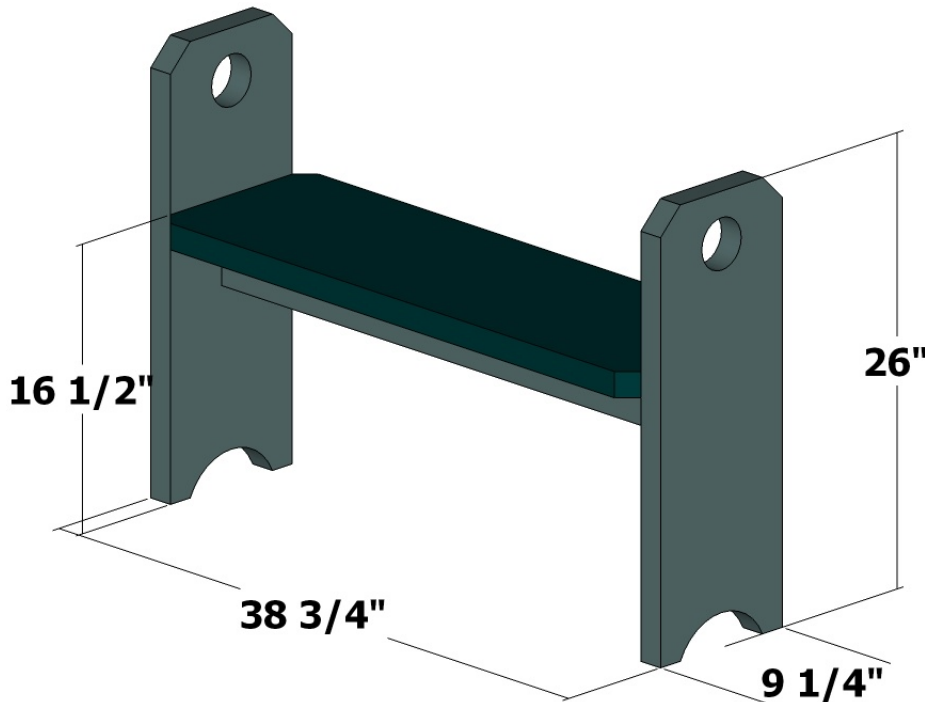


# CHIEF'S SHOP PLAN OF THE WEEK



# SIMPLE WOODWORKING: CHANGING BENCH



## ABOUT THESE PLANS

On this first page you will see above the project complete with finished outer dimensions.

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.

## WHAT YOU'LL NEED



### LUMBER

1 - 1 x 12 x 6  
1 - 2 x 10 x 8

### HARDWARE/SUPPLIES

2 1/2" pocket hole screws  
pocket hole plugs  
wood glue

### TOOLS

table saw  
miter saw  
jig saw  
drill/driver  
Kreg pocket hole jig  
clamps  
3-inch hole saw bit

## PARTS

Legs (2) - 1 1/2 x 9 1/4 x 26  
Seat (2) - 3/4 x 11 1/4 x 35 3/4  
Stretcher (1) - 1 1/2 x 3 1/2 x 35 3/4

*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.*

## \$ ESTIMATED COST \$

Lumber: \$17  
Hardware & Supplies: \$10\*

\*excludes paint or stain

*Estimated cost is based on rough market prices at the time the plan was created and should be used as a rough guideline.*

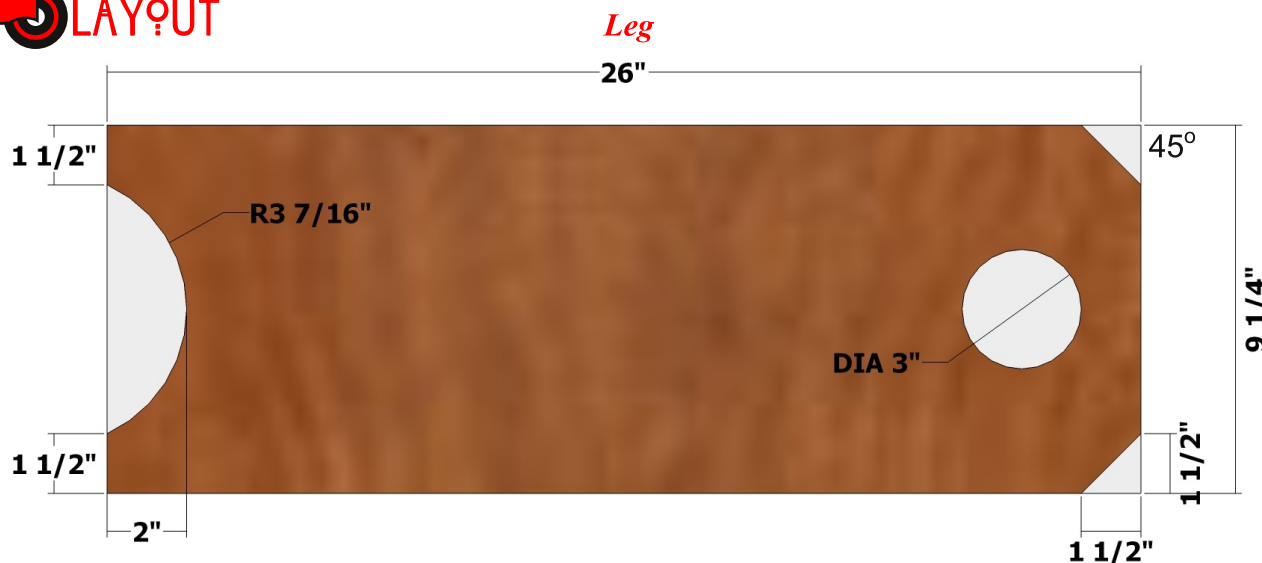
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Be sure to "Like" Chief's Shop on facebook by heading over to [facebook.com/ChiefsShop](http://facebook.com/ChiefsShop).



**LAYOUT**

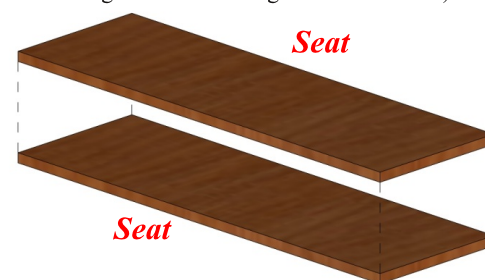


**NOTE**

Use the layouts above and below for measuring, marking, and cutting the **Legs** and **Seat** and drilling pocket holes in the **Seat**. (Be sure to set your pocket hole jig and drill bit for 1 1/2-inch stock.) Use a 3-inch hole saw bit to cut the opening at the top of the **Legs** and a jig saw to cut the opening at the bottom of the **Legs**. Use a miter saw to cut off the corners of the parts as indicated at 45 degrees.

**NOTE**

After cutting the **Seat** parts to length, apply glue to one face of one **Seat**, position the edges of the two **Seat** parts flush, and clamp together. Allow the glue to set for at least 1 hour (or follow the guidelines of the glue manufacturer).



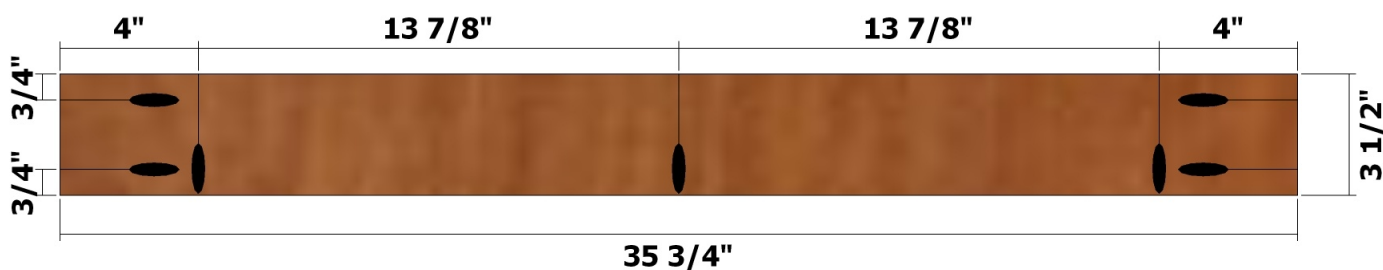
**LAYOUT**





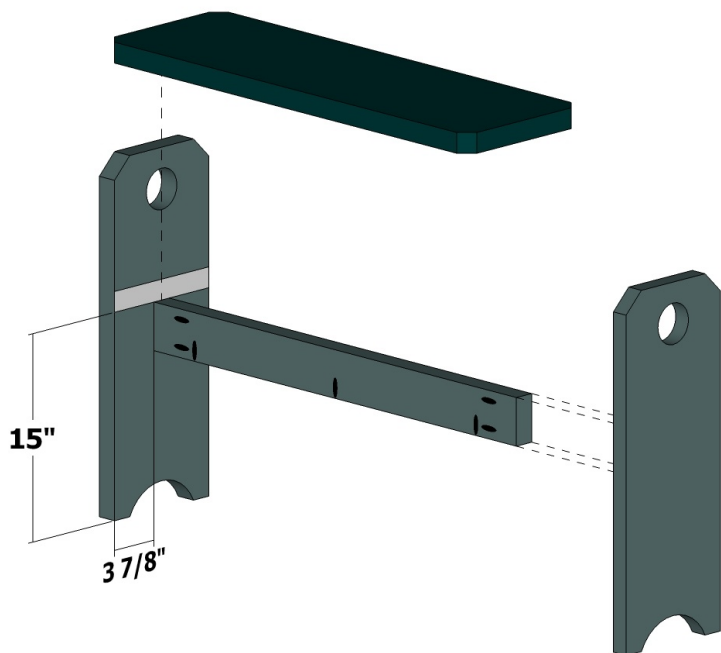
**LAYOUT**

*Stretcher*



**NOTE**

Use the layout above measuring, marking, cutting, and drilling pocket holes in the **Stretcher**. (Be sure to set your pocket hole jig and drill bit for 1 1/2-inch stock.)

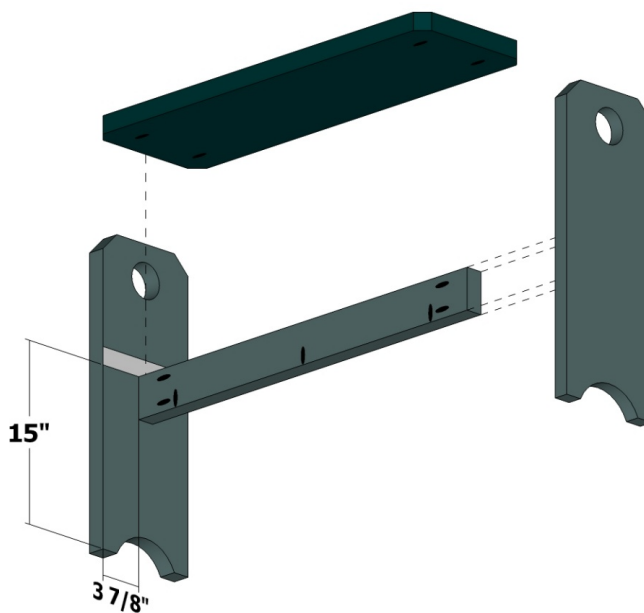


**NOTE**

Position the parts as shown at left and below and attach using glue and 2 1/2-inch pocket hole screws. Drive the screws through the **Seat** and into the **Legs** and through the **Stretcher** and into the **Legs** and **Seat**. If desired, fill the pocket holes with pocket hole plugs. Stain or paint the project as desired.

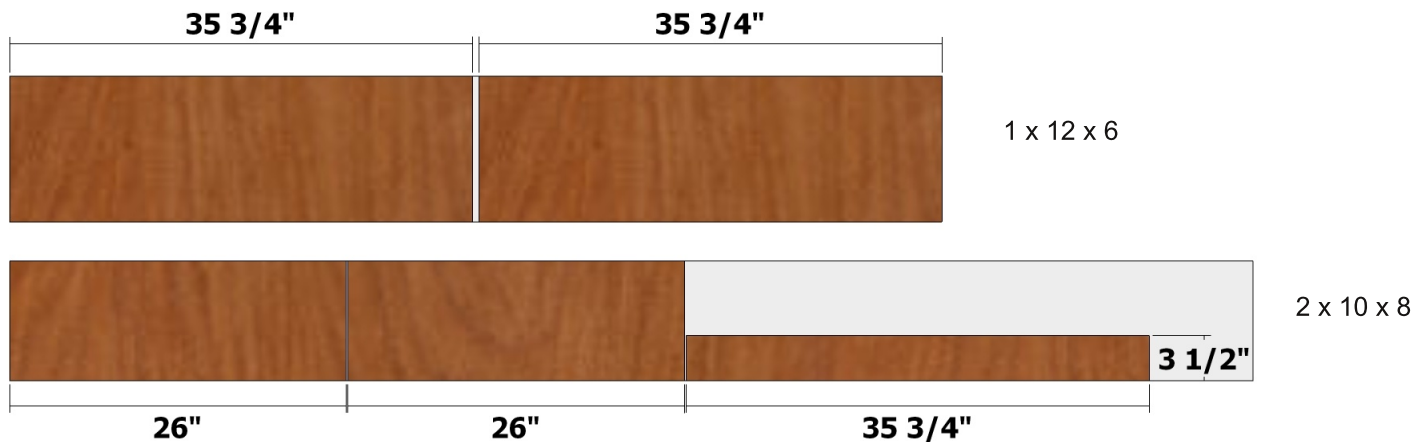
**TAKE CARE!**

Be sure to position the Seat with the pocket holes facing down.





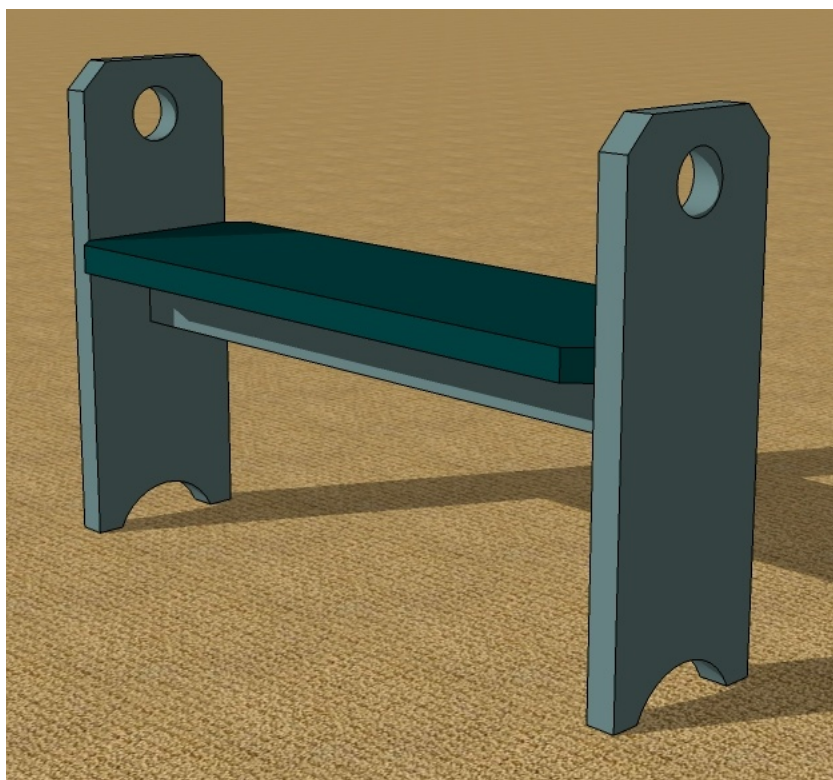
# K CUTTING DIAGRAM



**✚ PARTS ✚**

Legs (2) - 1 1/2 x 9 1/4 x 26  
 Seat (2) - 3/4 x 11 1/4 x 35 3/4  
 Stretcher (1) - 1 1/2 x 3 1/2 x 35 3/4

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.



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!