



#### WĦAT YOU'LL NEED



#### LUMBER

1 - 2 x 8 x 8 2 - 2 x 12 x 8

(availability will vary - material is enough to build two benches)

#### **HARDWARE/SUPPLIES**

2 1/2" pocket hole screws wood glue paint, stain, polyurethane, or sealer

miter saw jig saw sander/belt 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 <u>last page</u> 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 <u>Cutting Diagram</u> 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:



This indicates a diagram detailing the dimensions of a project part and/or the placement for pocket holes, screws, nails, etc.



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.



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.



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

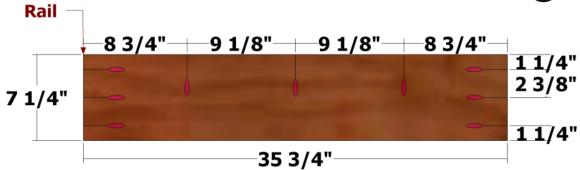


**Legs (2)** - 1 1/2 x 11 1/4 x 14 Rail (1) - 1 1/2 x 9 1/4 x 35 3/4 Seat (1) - 1 1/2 x 11 1/4 x 46 5/8 (parts for one bench)

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.

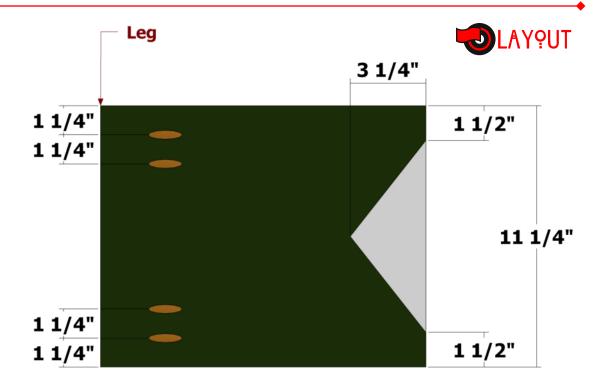








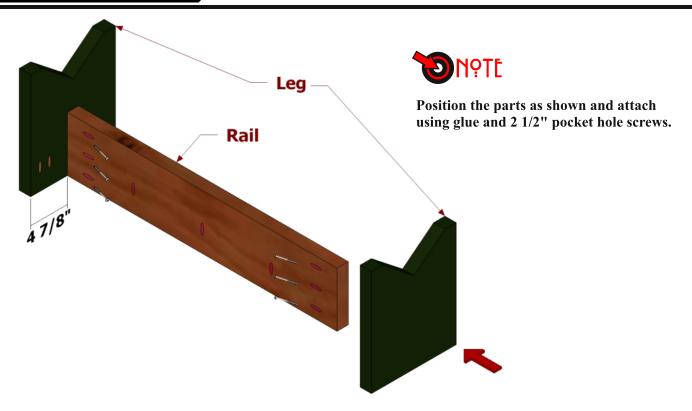
Use the layout above for creating the Rail. Set your Kreg Jig and drill bit for 1 1/2" stock.





Use the layout above for creating the Legs. Set your Kreg Jig and drill bit for  $1\ 1/2$ " stock.







46 5/8"

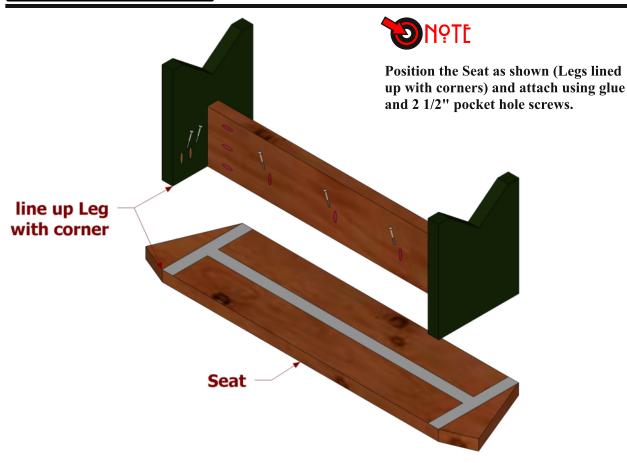


Use the layout above for creating the Seat. Use a miter saw for the larger cuts and a jig saw for the smaller cuts.

22.5 degrees

4"

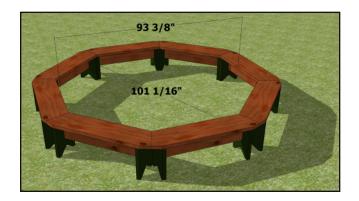






Building six benches will allow you to create two semi-circles, as shown at left. Eight benches, as shown at right, create a fully-enclosed circle.



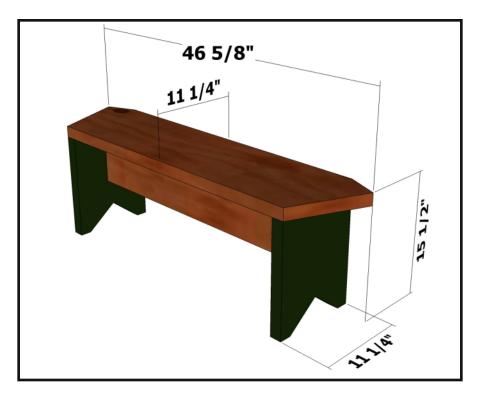


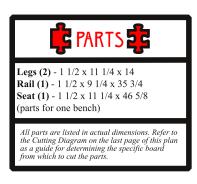


### CUTTING DIAGRAM

parts and material shown are for two benches









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!