

CHIEF'S SHOP PLAN OF THE WEEK



SIMPLE WOODWORKING: PORCH BENCH



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.



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WHAT YOU'LL NEED



LUMBER

5 - 2 x 6 x 8
(availability will vary)

HARDWARE/SUPPLIES

2 1/2" pocket hole screws
wood glue
paint/stain

TOOLS

miter saw
sander
drill/driver
Kreg Pocket Hole Jig
clamps
square



PARTS



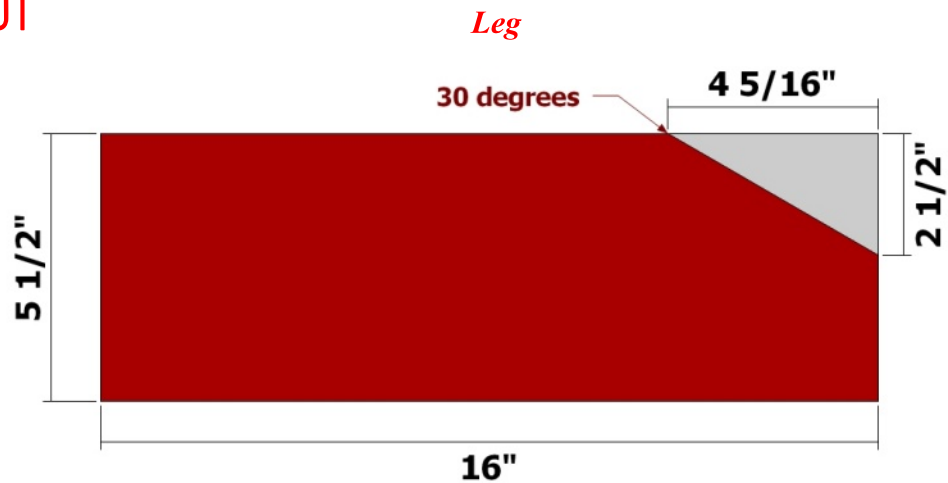
Legs (4) - 1 1/2 x 5 1/2 x 16
End Rails (2) - 1 1/2 x 5 1/2 x 7
Posts (2) - 1 1/2 x 5 1/2 x 25 3/16
Side Rails (2) - 1 1/2 x 5 1/2 x 40
Stretcher (1) - 1 1/2 x 5 1/2 x 12 1/4
Back Slats (3) - 1 1/2 x 5 1/2 x 40
Short Seat Slat (1) - 1 1/2 x 5 1/2 x 39 3/4
Seat Slats (2) - 1 1/2 x 5 1/2 x 45

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)

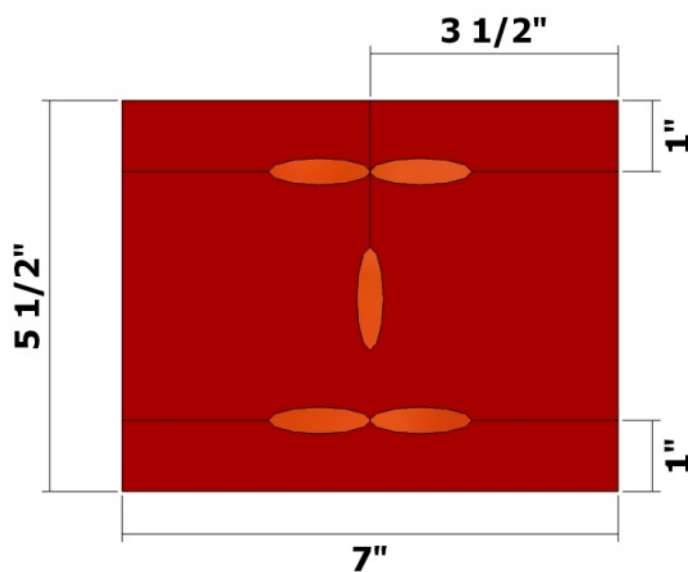
LAYOUT



NOTE

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

End Rail

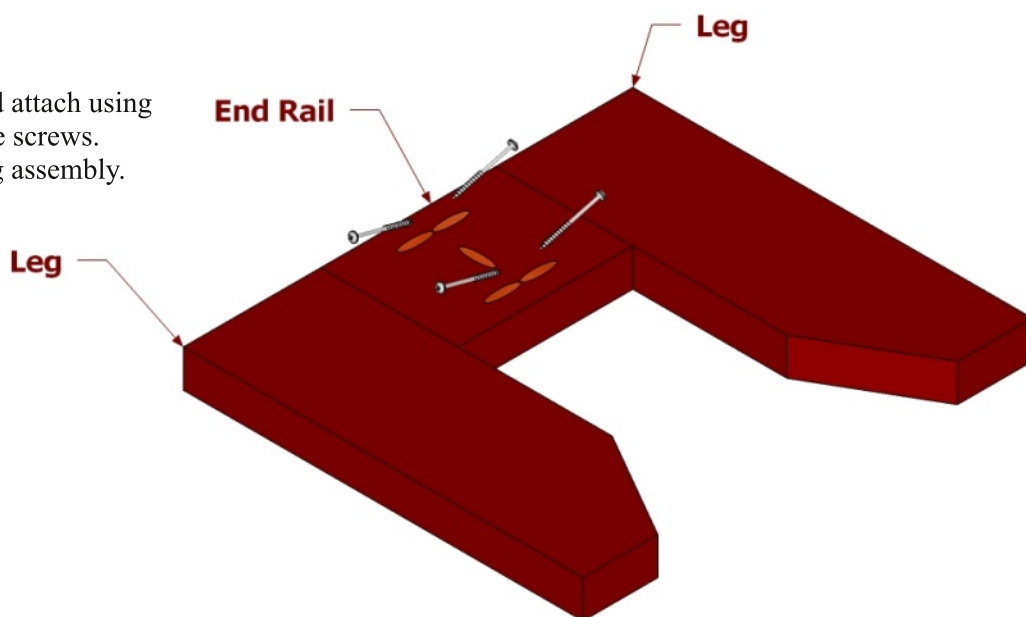


NOTE

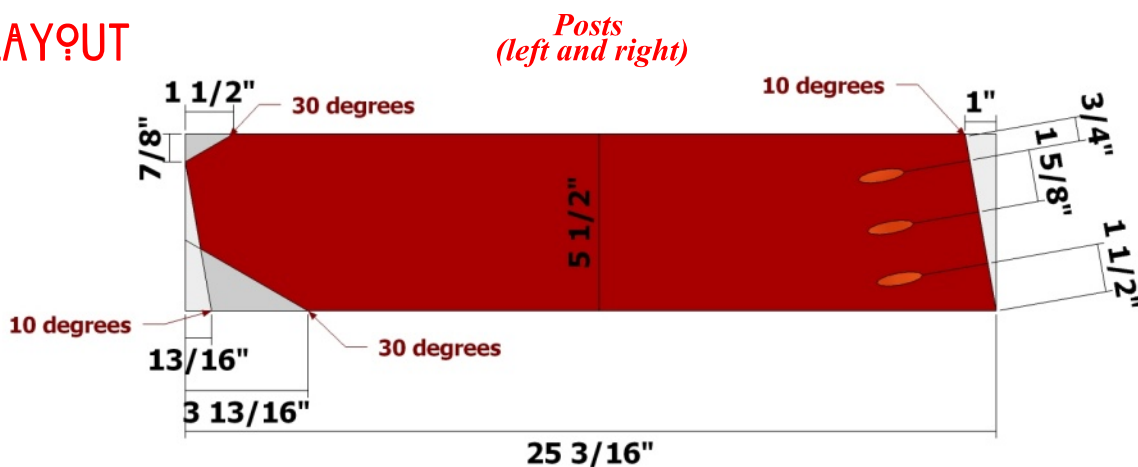
Use the layout as a guide for measuring, marking, cutting, and drilling pocket holes in the **End Rails**. [Be sure to set your pocket hole jig and drill bit for 1 1/2-inch stock](#).

NOTE

Position the parts as shown and attach using glue and 2 1/2-inch pocket hole screws. Clamp the parts in place during assembly.

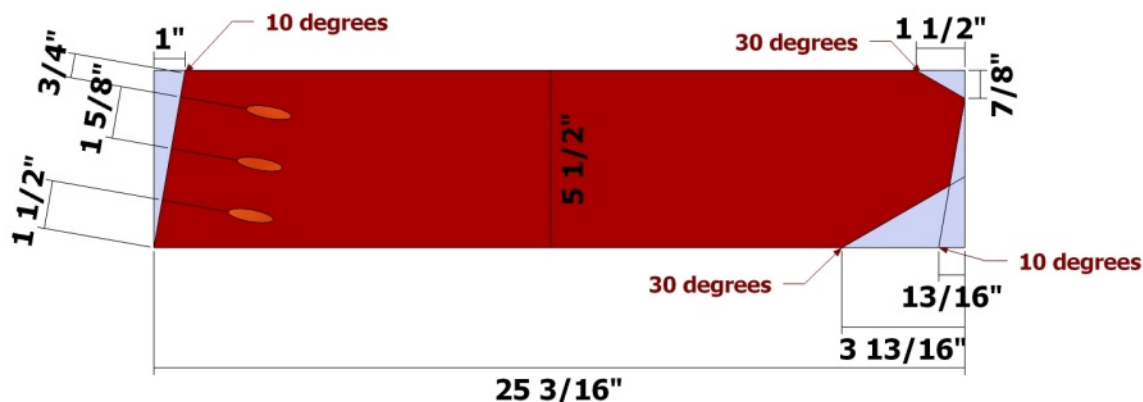


LAYOUT



NOTE

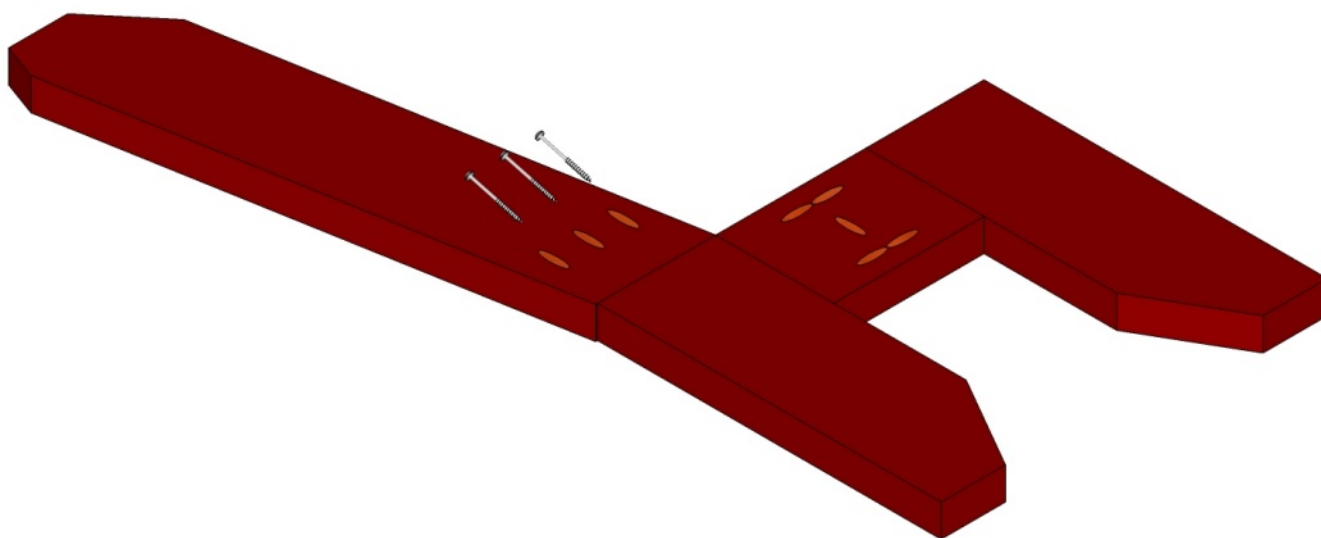
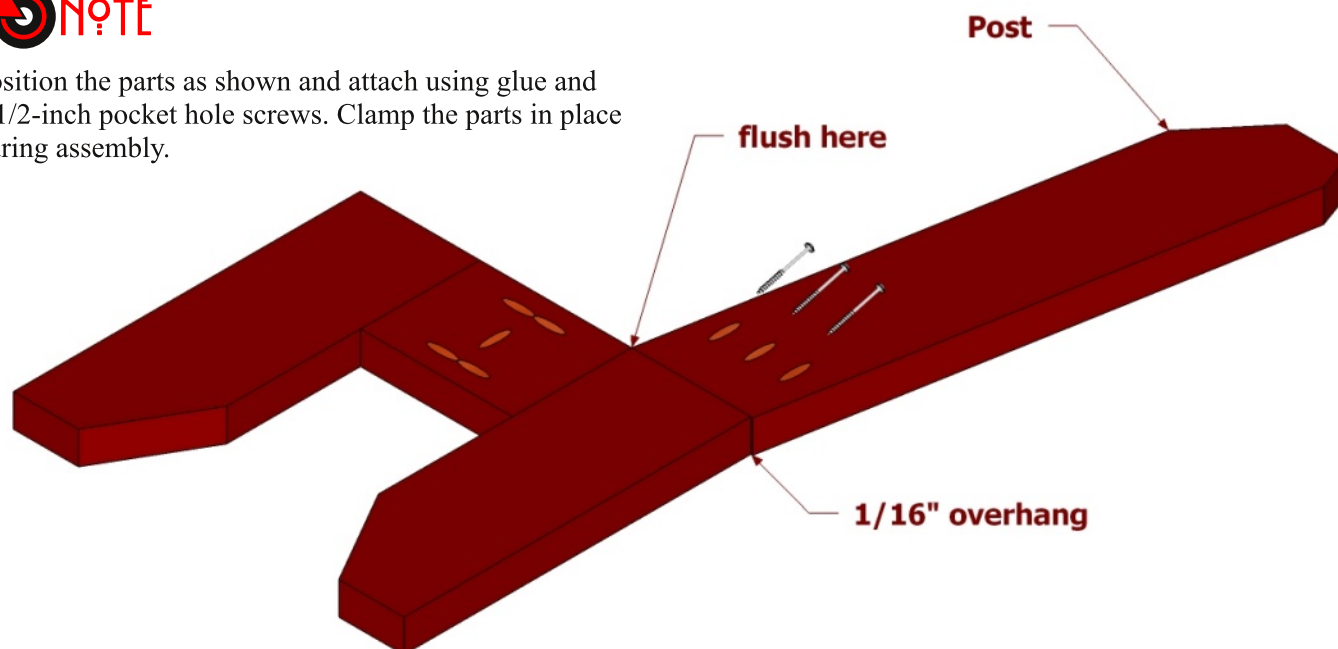
Use the layouts as guides for measuring, marking, cutting, and drilling pocket holes in the **Posts**. Be sure to set your pocket hole jig and drill bit for 1 1/2-inch stock.





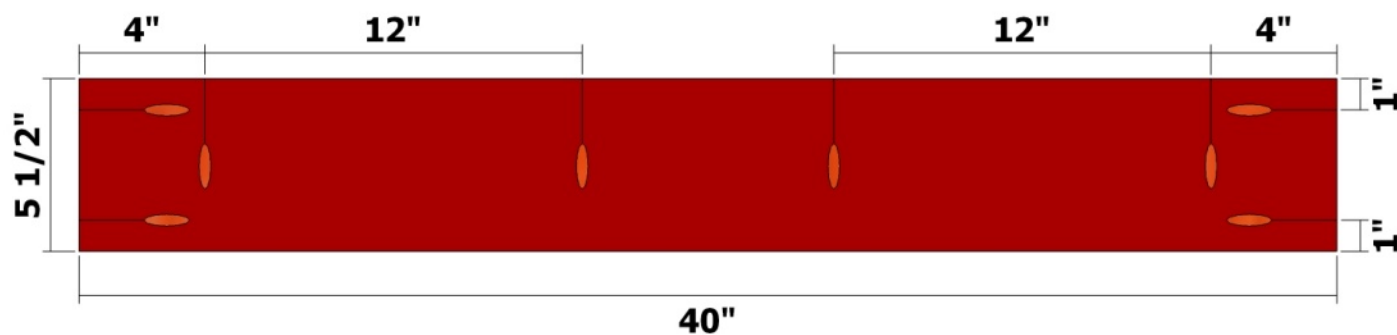
NOTE

Position the parts as shown and attach using glue and 2 1/2-inch pocket hole screws. Clamp the parts in place during assembly.



LAYOUT

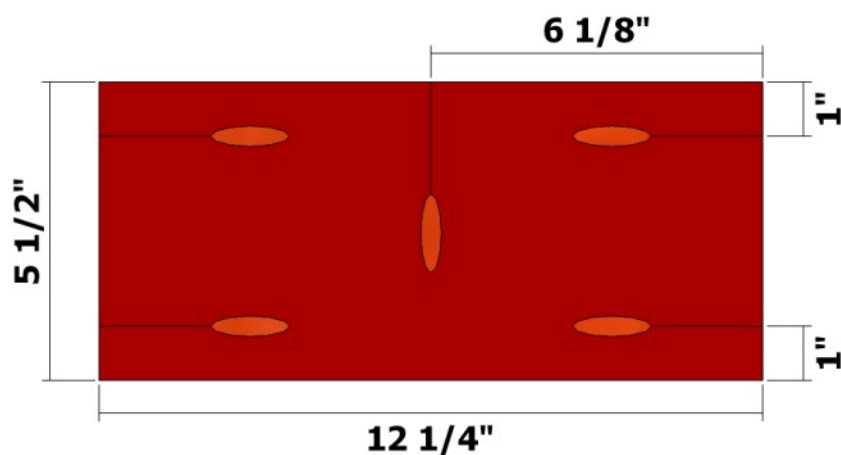
Side Rail



NOTE

Use the layouts as guides for measuring, marking, cutting, and drilling pocket holes in the **Side Rails** and **Stretcher**. Be sure to set your pocket hole jig and drill bit for 1 1/2-inch stock.

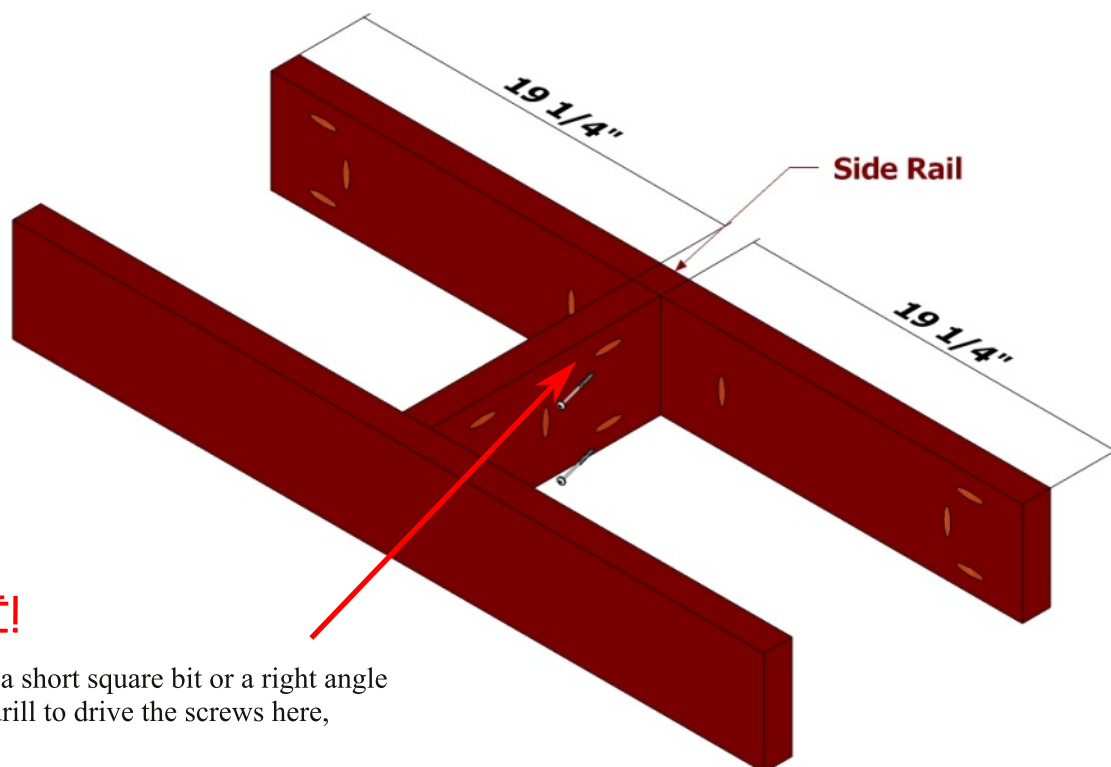
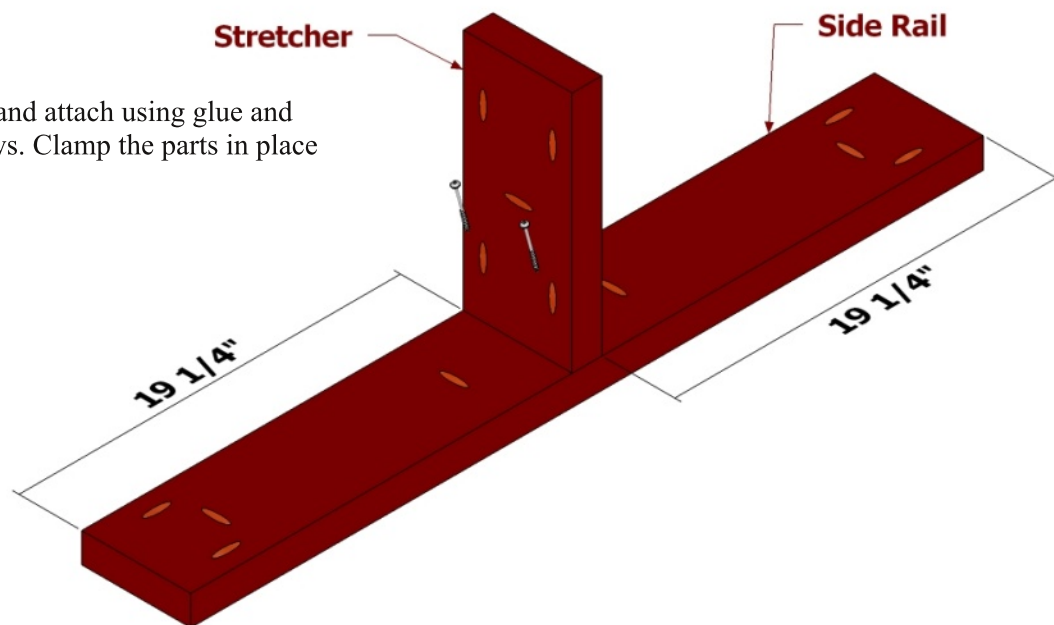
Stretcher





NOTE

Position the parts as shown and attach using glue and 2 1/2-inch pocket hole screws. Clamp the parts in place during assembly.

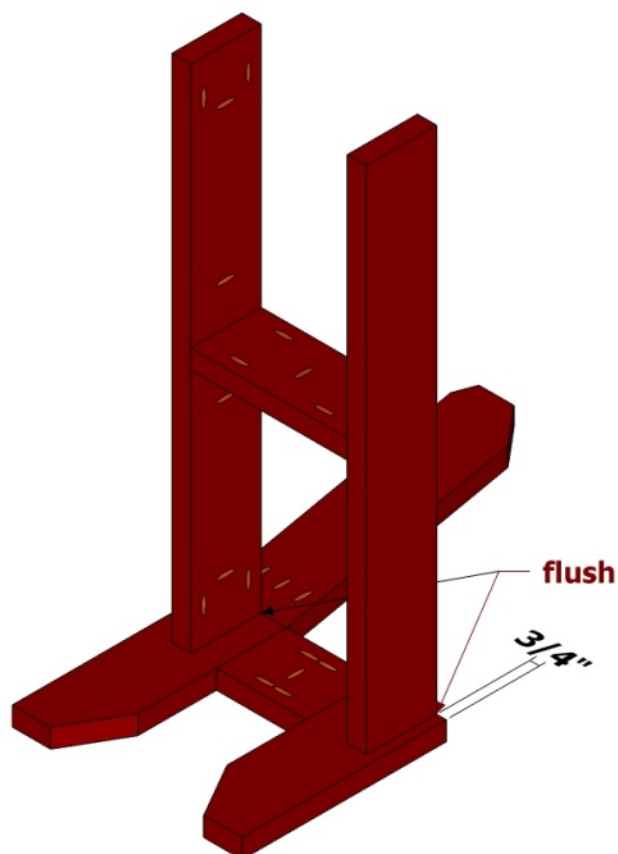


TAKE CARE!

You may need to use a short square bit or a right angle attachment for your drill to drive the screws here,

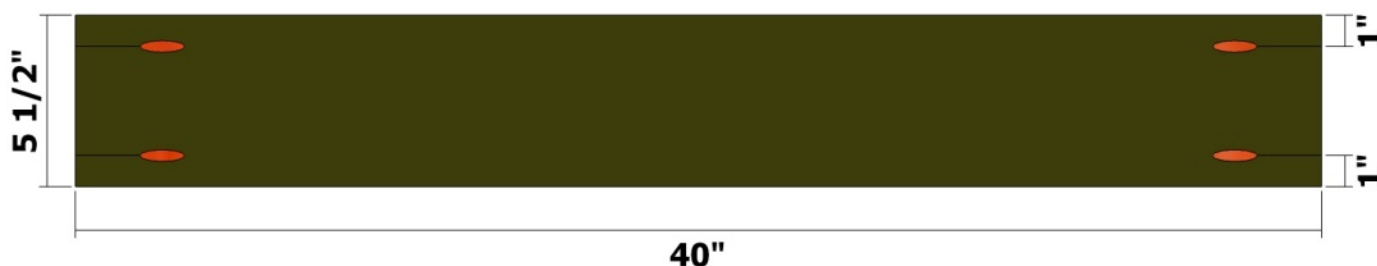
NOTE

Position the parts as shown and attach using glue and 2 1/2-inch pocket hole screws. Clamp the parts in place during assembly. Make sure the **Side Rails** are flush with the top edge of the **Legs**.



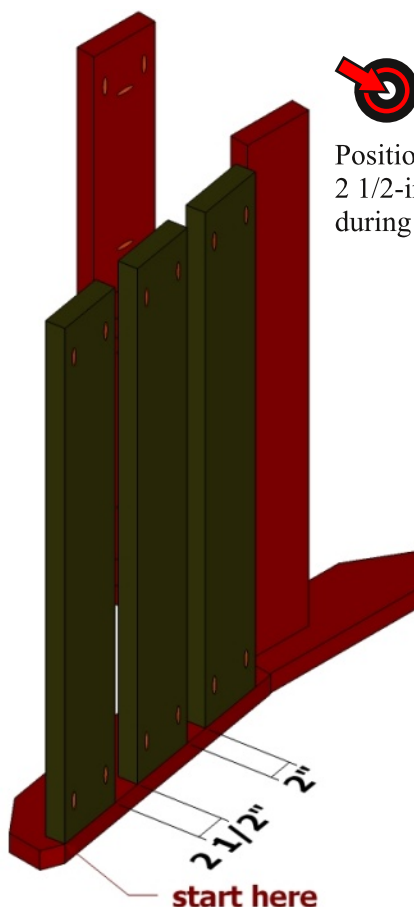
LAYOUT

Back Slat



NOTE

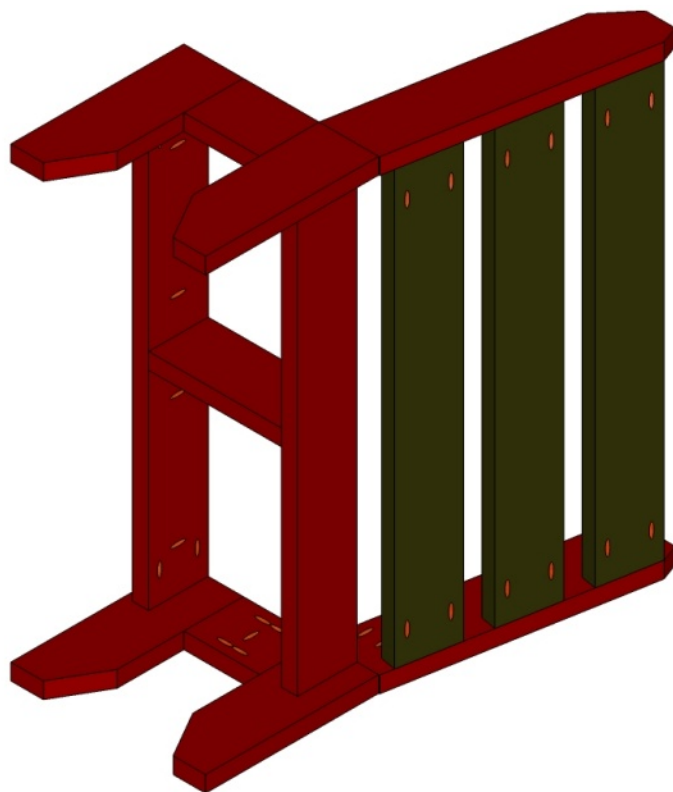
Use the layouts as a guide for measuring, marking, cutting, and drilling pocket holes in the **Back Slats**. Be sure to set your pocket hole jig and drill bit for 1 1/2-inch stock. **Make three.**



Position the parts as shown and attach using glue and 2 1/2-inch pocket hole screws. Clamp the parts in place during assembly.

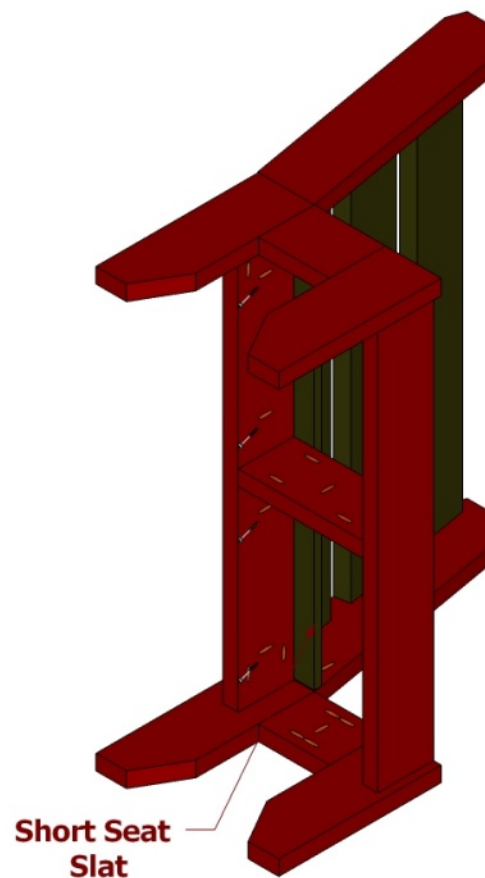
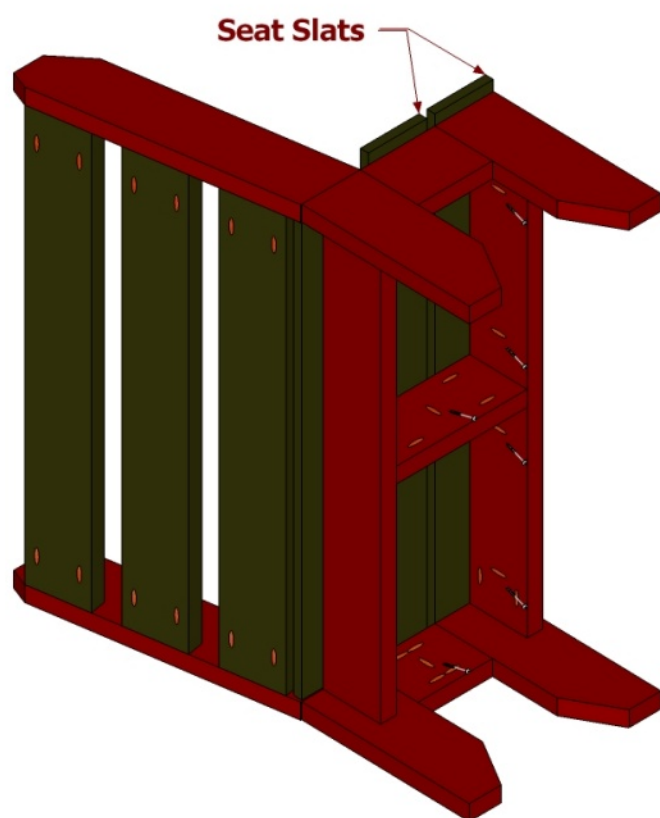


Position the other **End Assembly** as shown and attach using glue and 2 1/2-inch pocket hole screws. Clamp the parts in place during assembly.



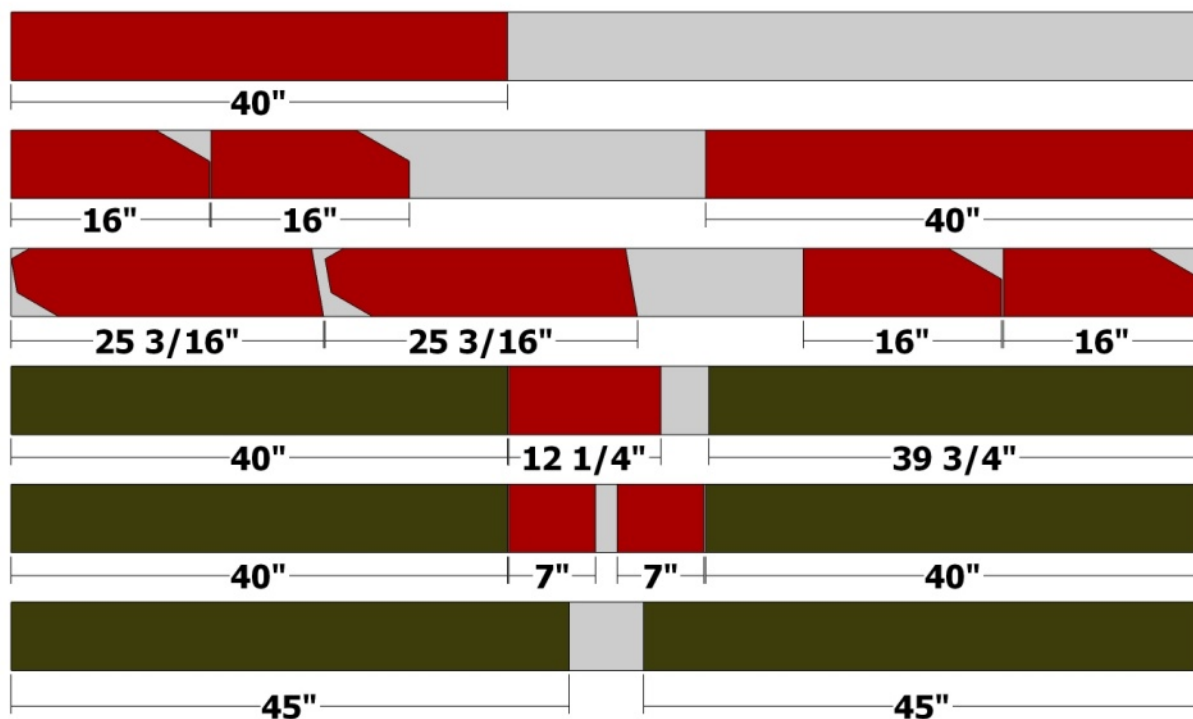
 NOTE

Position the parts as shown and attach using glue and 2 1/2-inch pocket hole screws. Clamp the parts in place during assembly.

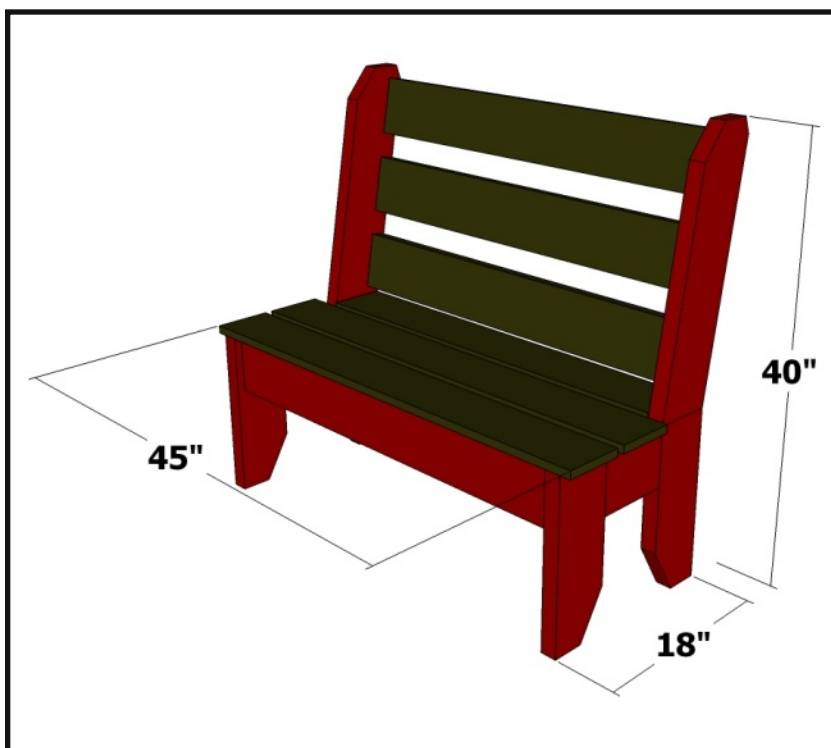




CUTTING DIAGRAM



1 x 6 x 2
(5)



PARTS

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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!