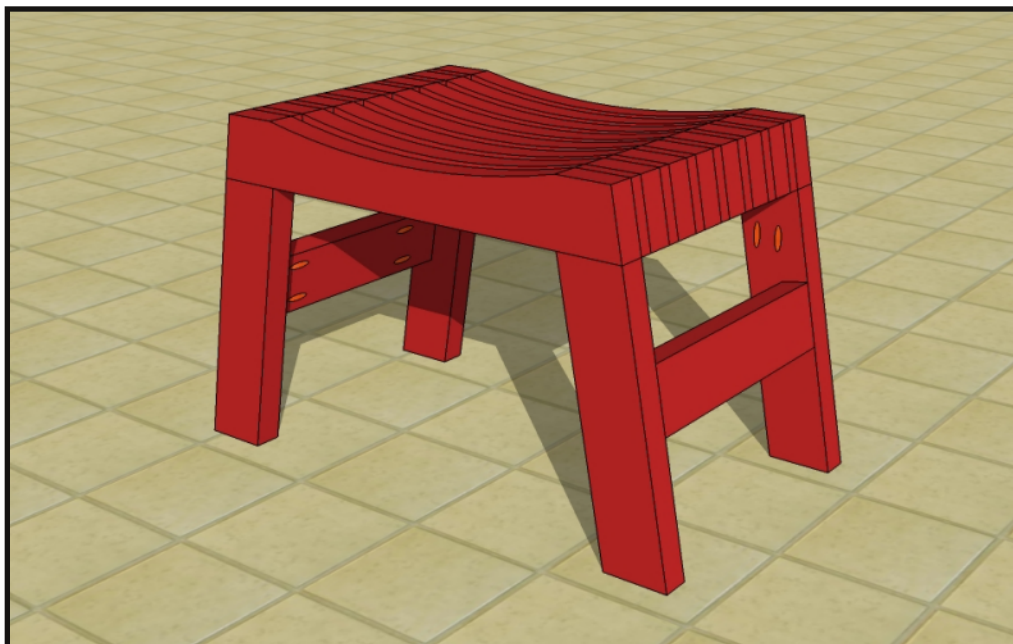


CHIEF'S SHOP PLAN OF THE WEEK



SIMPLE WOODWORKING: SADDLE STOOL



WHAT YOU'LL NEED



LUMBER

1 - 1 x 4 x 8
4 - 2 x 4 x 8

(availability will vary)

HARDWARE/SUPPLIES

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

TOOLS

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 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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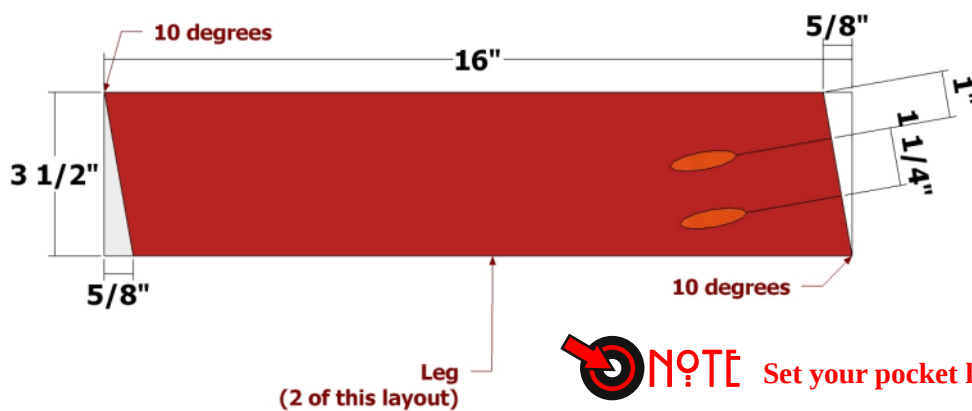
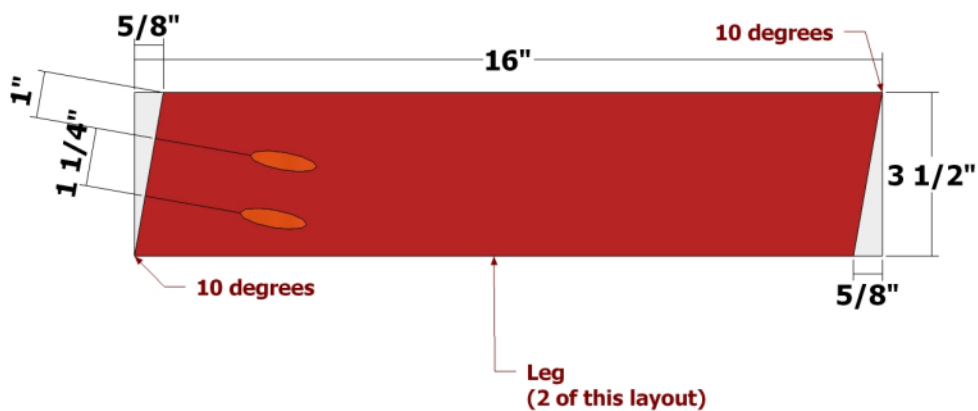
PARTS

Legs (4) - 1 1/2 x 3 1/2 x 16
Sear Slats (8) - 1 1/2 x 3 1/2 x 25 1/4
Rails (2) - 1 1/2 x 3 1/2 x 14 1/4
Spacers (14) - 3/4 x 3 1/2 x 3 5/8

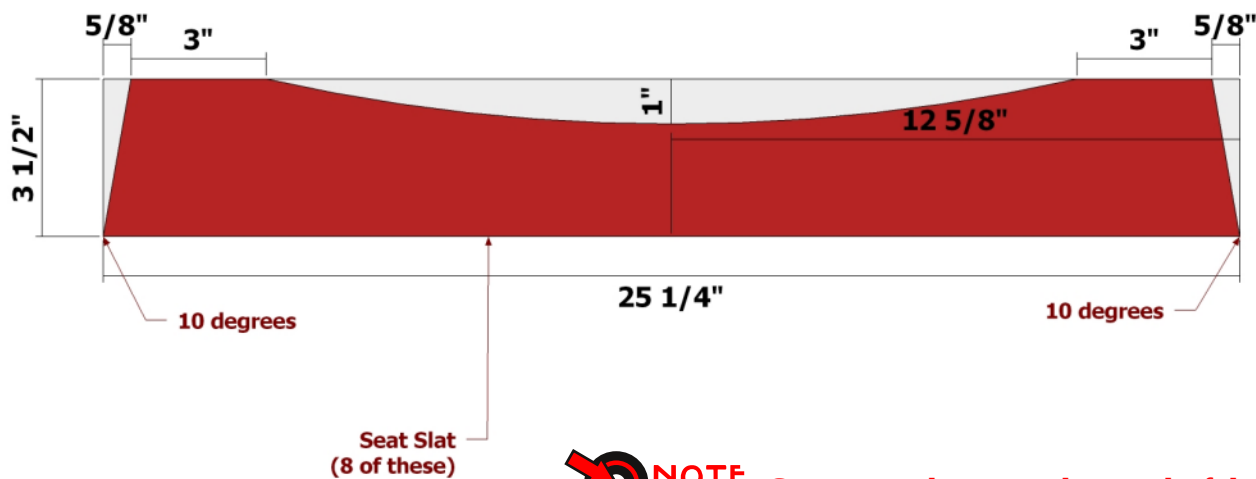
All parts are listed in actual dimensions. Refer to the Cutting Diagram on the last page of this plan as a guide for determining the specific board from which to cut the parts.

VIDEO?

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



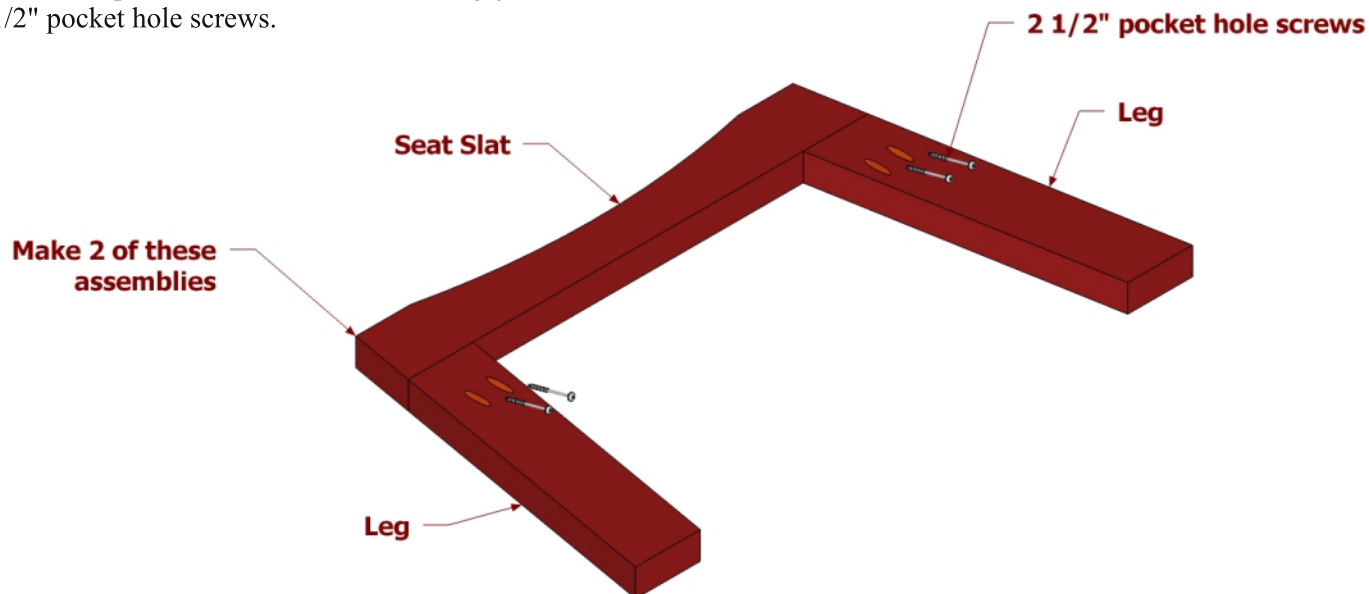
 **NOTE** Set your pocket hole jig for 1 1/2" stock.



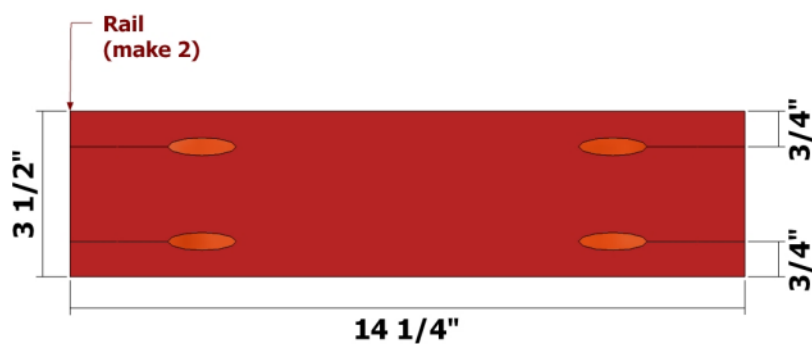
 **NOTE** Gang cut and gang sand as much of these as you can by either taping or clamping the parts together.

NOTE

Position the parts as shown and attach using glue and 2 1/2" pocket hole screws.



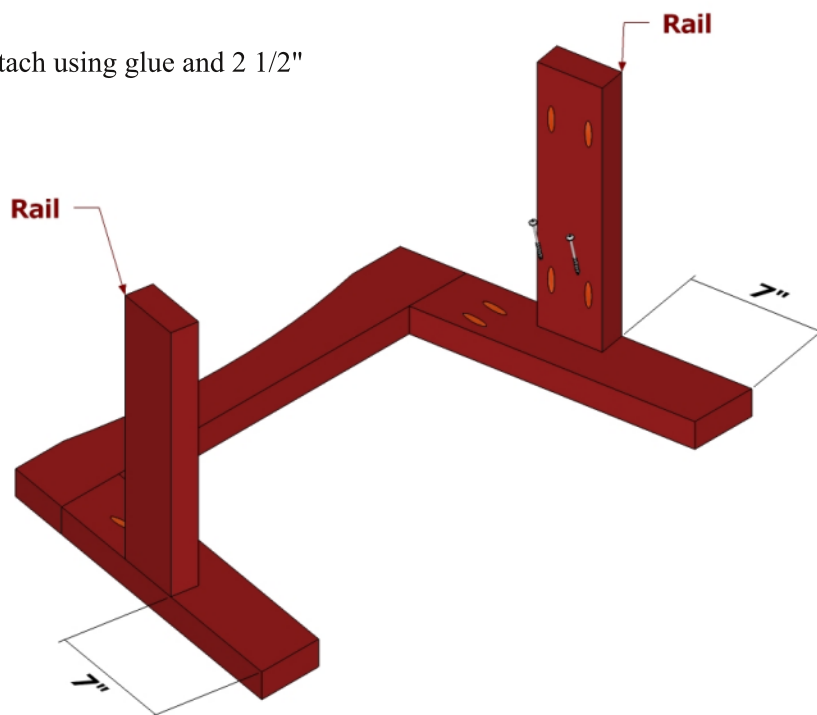
LAYOUT



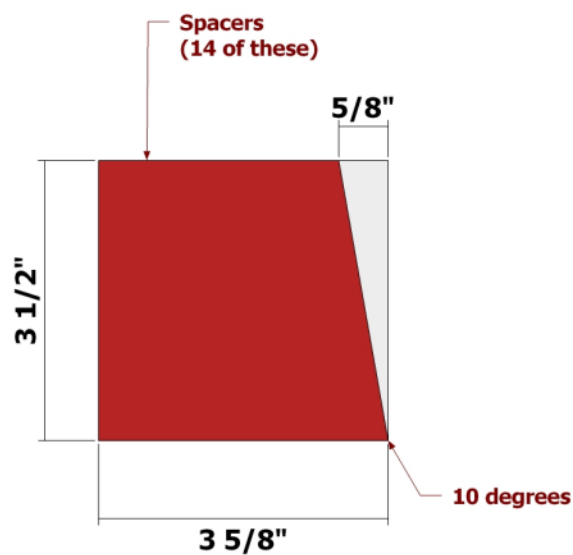
NOTE Set your pocket hole jig for 1 1/2" stock.

NOTE

Position the parts as shown and attach using glue and 2 1/2" pocket hole screws.



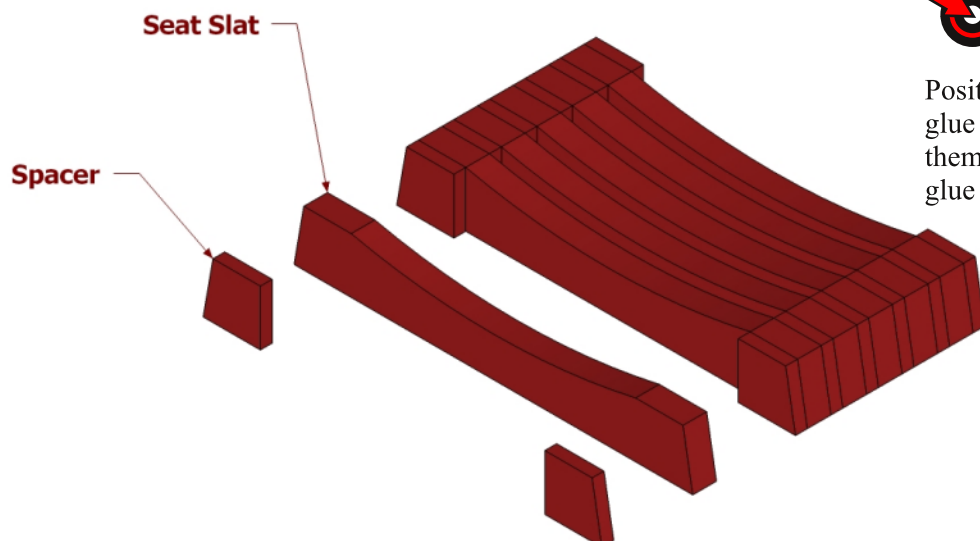
LAYOUT





NOTE

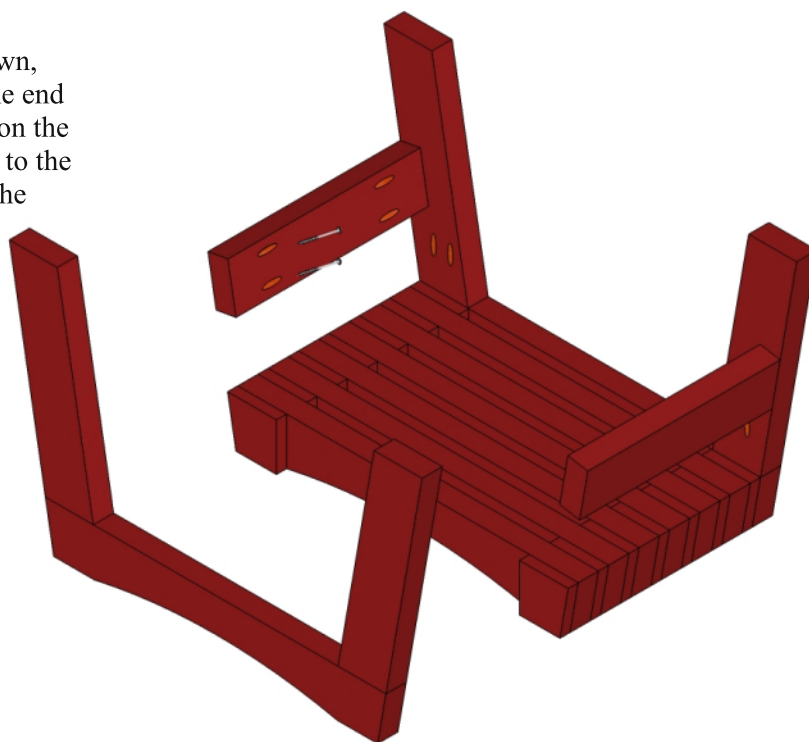
Position the parts as shown, apply glue on each layer and clamping them together as one unit. Allow the glue to dry.



NOTE

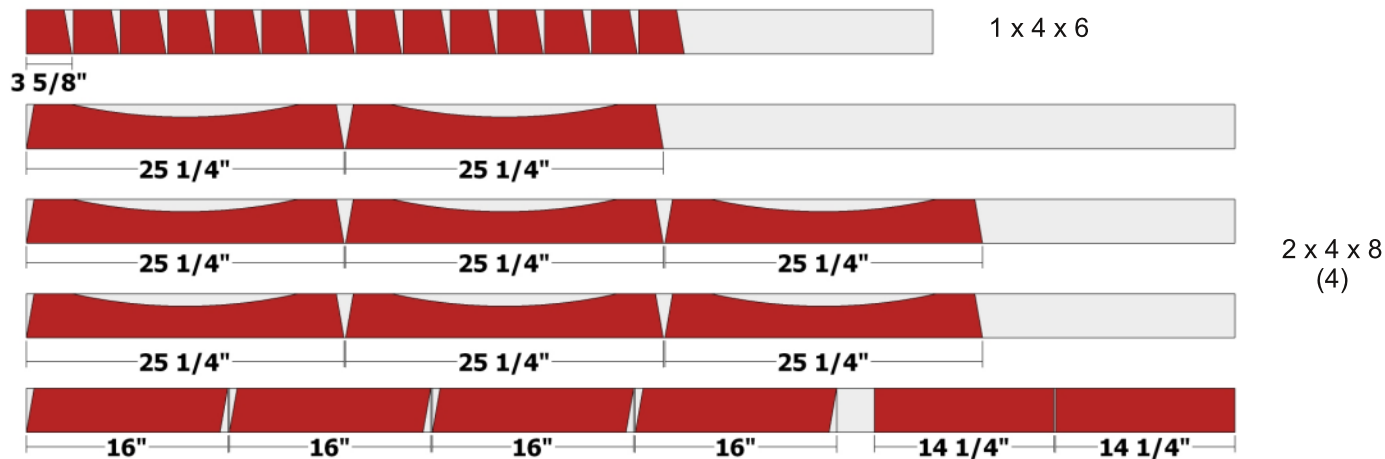
Position the **Seat Slat/Leg Assemblies** as shown, applying glue to the **Spacers**. Apply glue to the end of the **Rails**. Clamp in place at the **Seat Slats** on the Seat Slat/Leg assemblies, and attach the **Rails** to the **Legs** using 2 1/2" pocket hole screws. Allow the glue to dry before removing the clamps at the **Seat Slats**.

Flip the assembly over and sand the Seat Slats to a uniform consistency if needed.





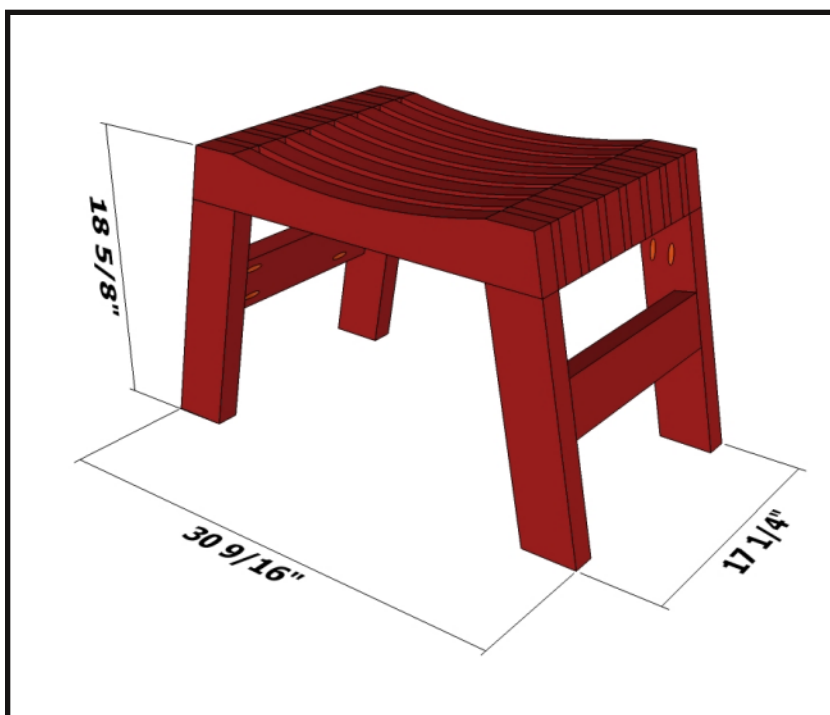
CUTTING DIAGRAM



PARTS

Legs (4) - 1 1/2 x 3 1/2 x 16
Sear Slats (8) - 1 1/2 x 3 1/2 x 25 1/4
Rails (2) - 1 1/2 x 3 1/2 x 14 1/4
Spacers (14) - 3/4 x 3 1/2 x 3 5/8

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!