

# CHIEF'S SHOP PLAN OF THE WEEK



## SIMPLE WOODWORKING: ADIRONDACK-STYLE ROCKER



### WHAT YOU'LL NEED



#### LUMBER

4 - 2 x 4 x 8  
5 - 5/4 x 6 x 8 decking  
1 - 2 x 6 x 8

(availability will vary)

#### HARDWARE/SUPPLIES

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

#### TOOLS

table saw  
miter saw  
jig saw  
compass  
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

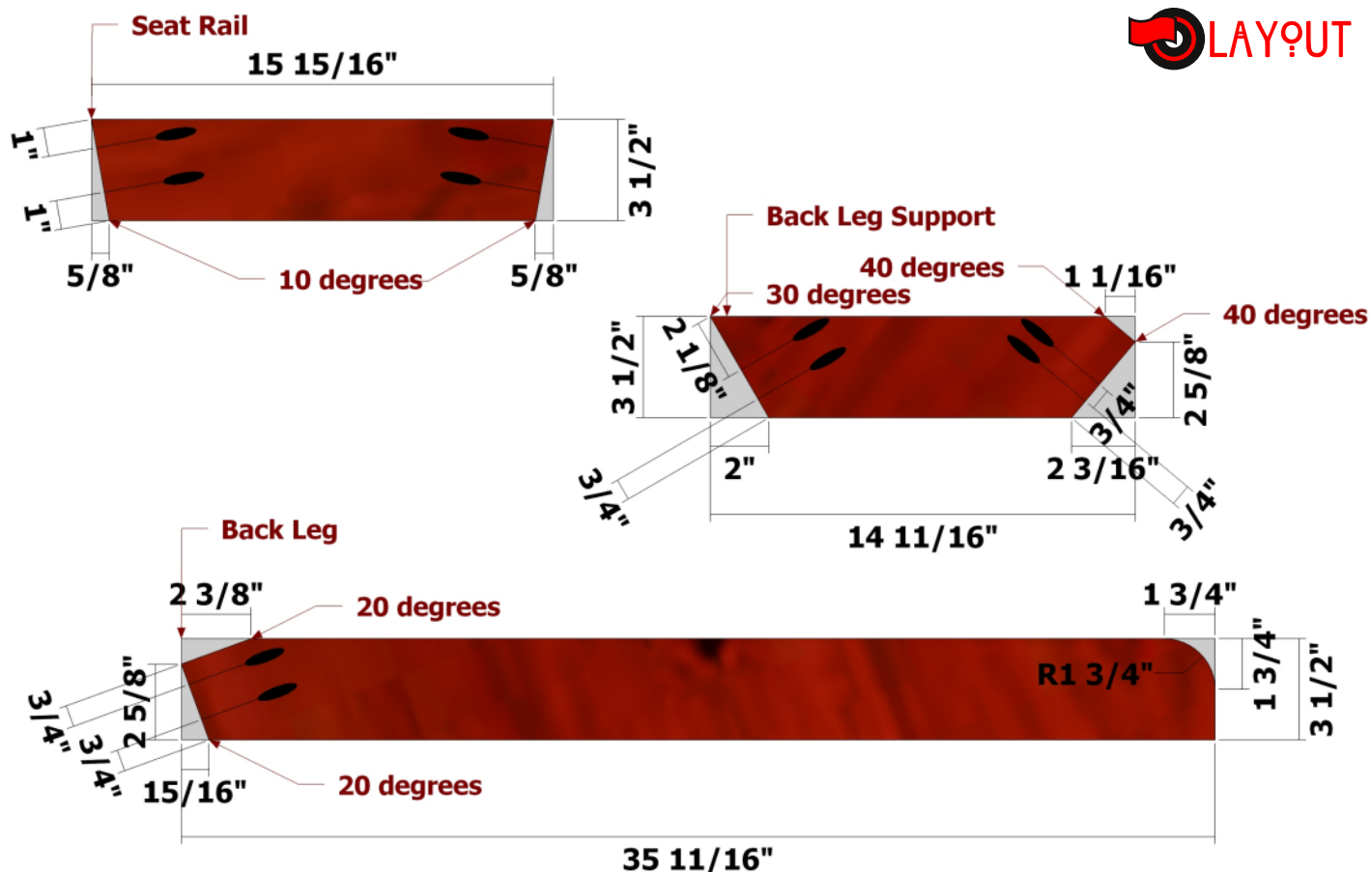


Seat Rails (2) - 1 1/2 x 3 1/2 x 15 15/16  
Back Legs (2) - 1 1/2 x 3 1/2 x 35 11/16  
Back Leg Supports (2) - 1 1/2 x 3 1/2 x 14 11/16  
Rockers (2) - 1 1/2 x 5 1/2 x 39 7/8  
Front Seat Rail - 1 1/2 x 3 1/2 x 27  
Back Seat Rail - 1 1/2 x 3 1/2 x 27  
Rocker Rails (2) - 1 1/2 x 2 1/2 x 27  
Rocker Stretcher - 1 1/2 x 2 1/2 x 23  
Back Supports (2) - 1 1/2 x 2 5/8 x 27  
Front Seat Slat - 1 x 3 1/2 x 26 7/8  
Seat Slats (4) - 1 x 3 1/2 x 31 1/2  
Brackets (2) - 1 x 5 1/2 x 3 1/2  
Arms (2) - 1 x 5 1/2 x 29 15/16  
Outer Back Slats (2) - 1 x 3 1/2 x 30 7/8  
Mid Back Slats (2) - 1 x 3 1/2 x 33  
Center Back Slat - 1 x 3 1/2 x 35

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.

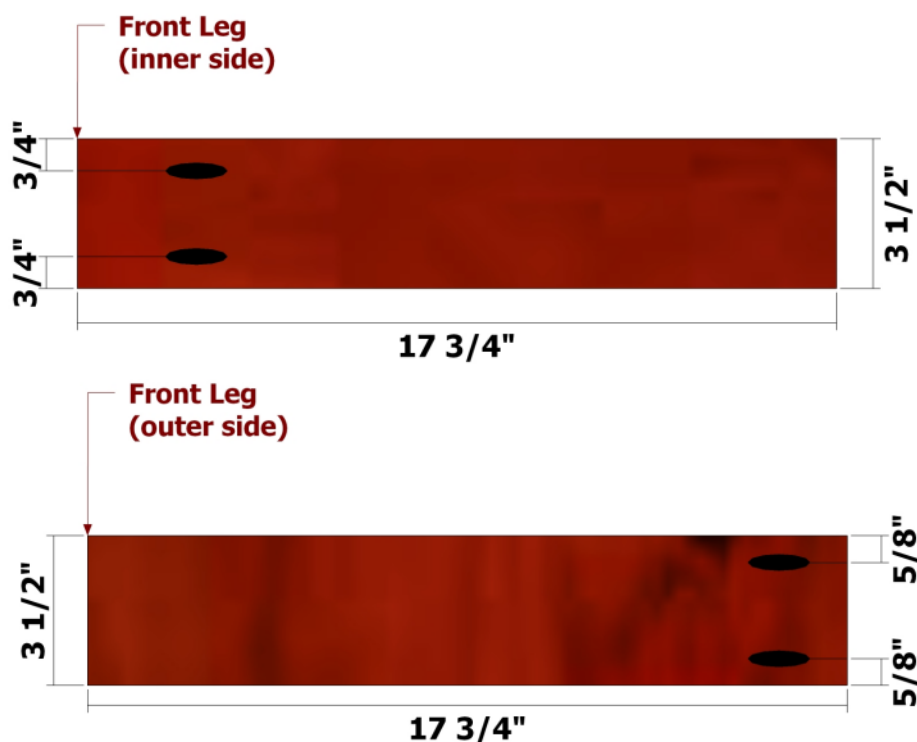
## VIDEO?

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



 NOTE

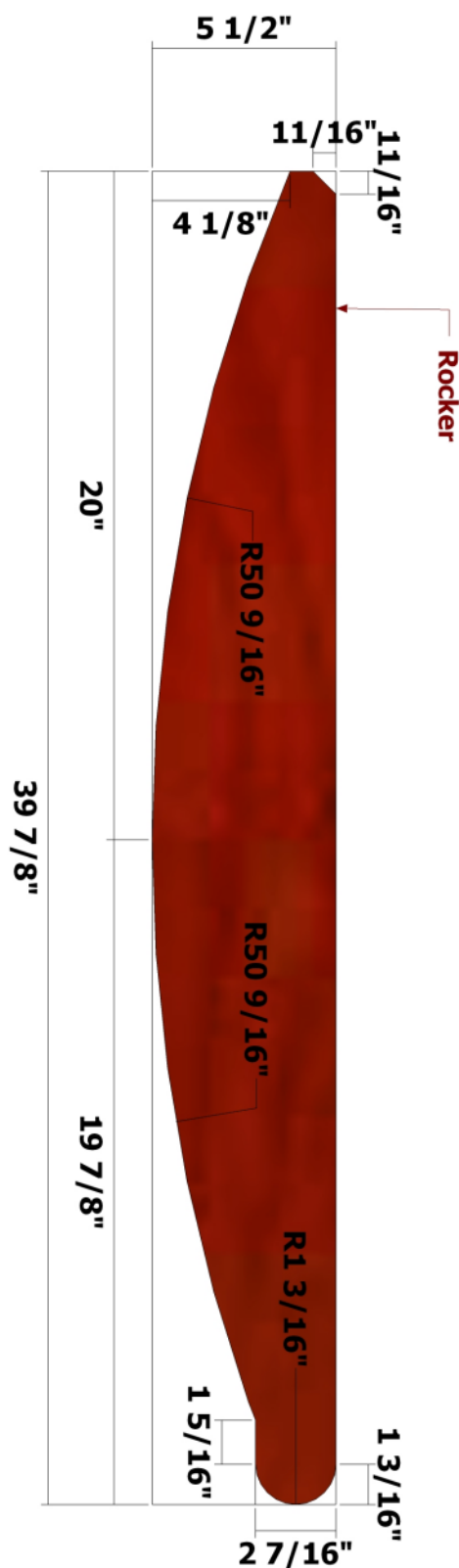
Use the layouts on this page for creating the Seat Rails, Back Legs, Back Leg Supports, and Front Legs. Make two of each part, and make sure one of each set is a mirror image of the other in the set. **Set your Kreg Jig and drill bit for  $1 \frac{1}{2}$ " stock for all pocket holes except those on the outer side of the Front Legs. For those holes, set your jig and bit for 1" stock.**

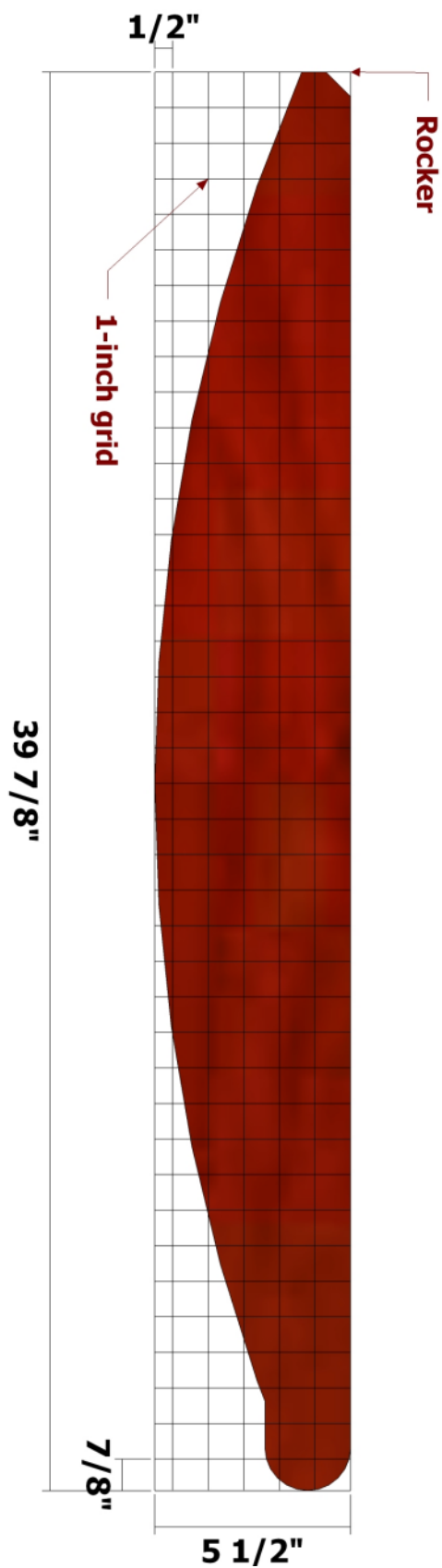


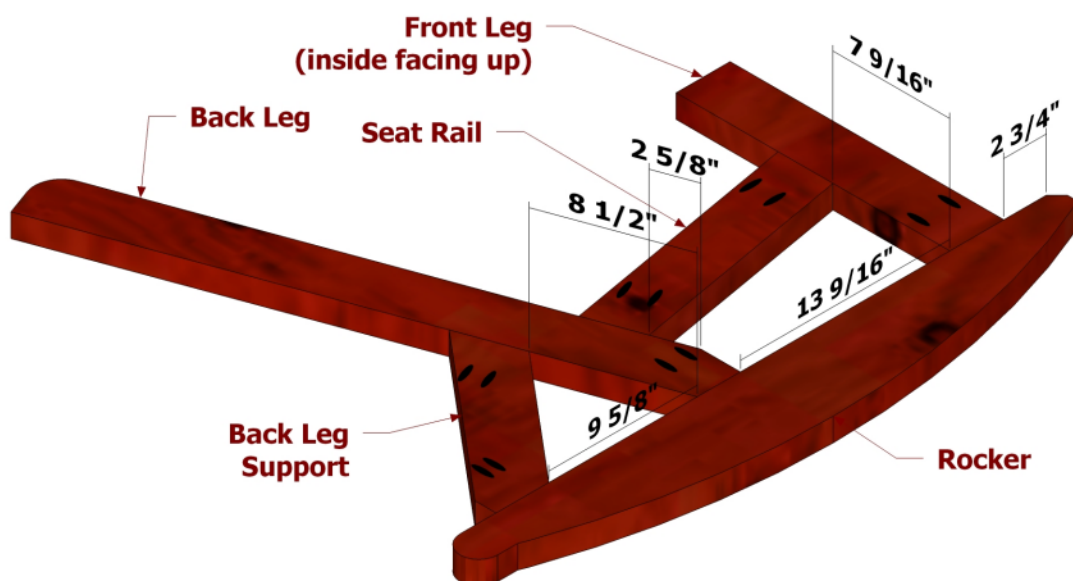


# NOTE

Use the layout on this page or the layout on the next page for creating the Rockers.

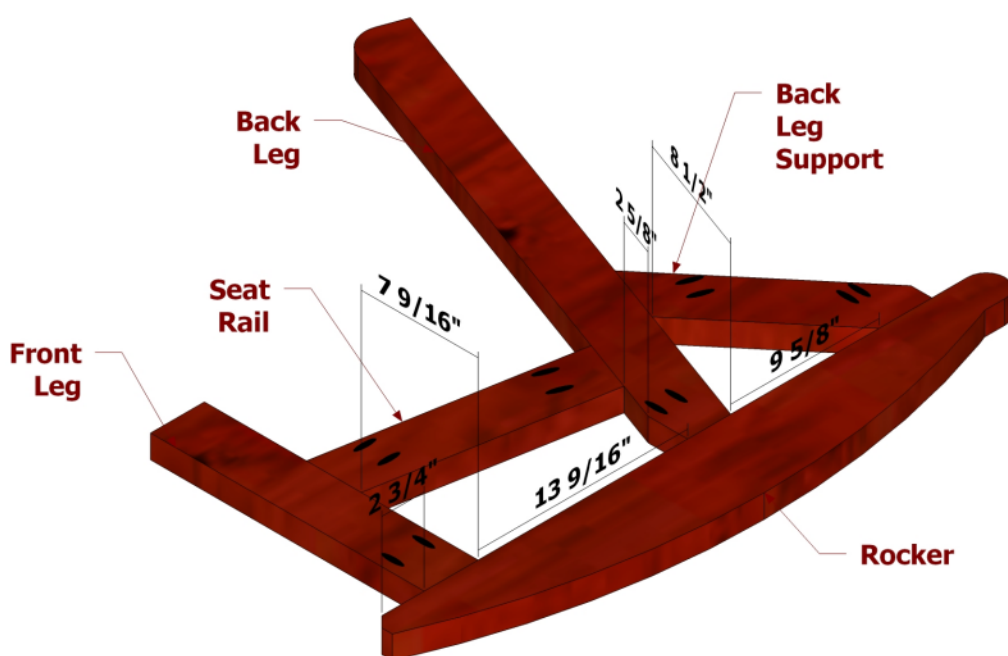


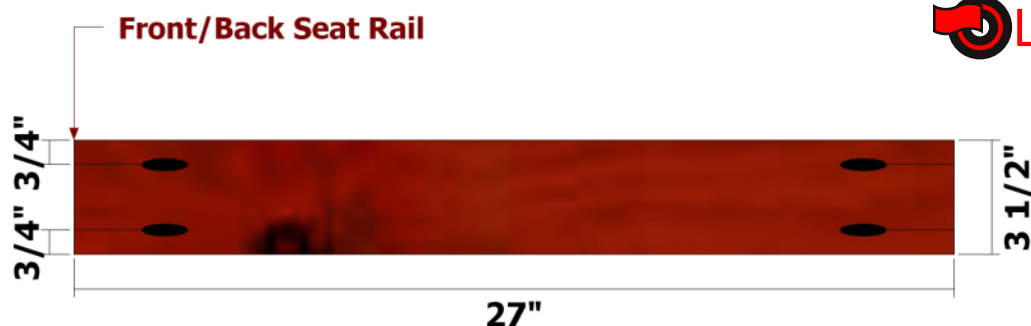




**NOTE**

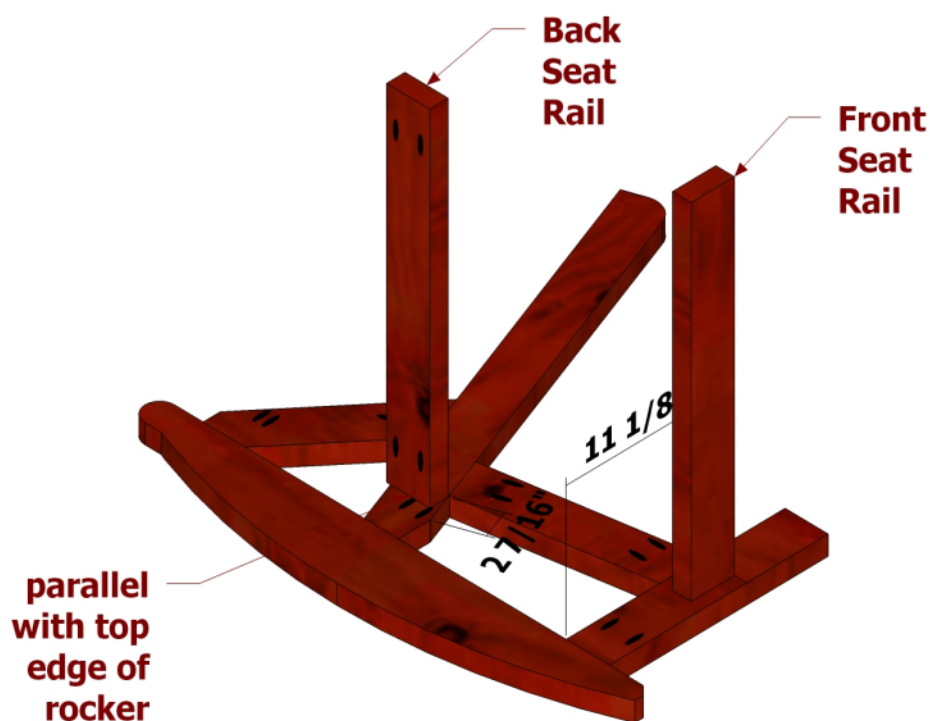
Position the parts as shown on this page and attach using glue and  $2 \frac{1}{2}"$  pocket hole screws. Create two assemblies as shown.





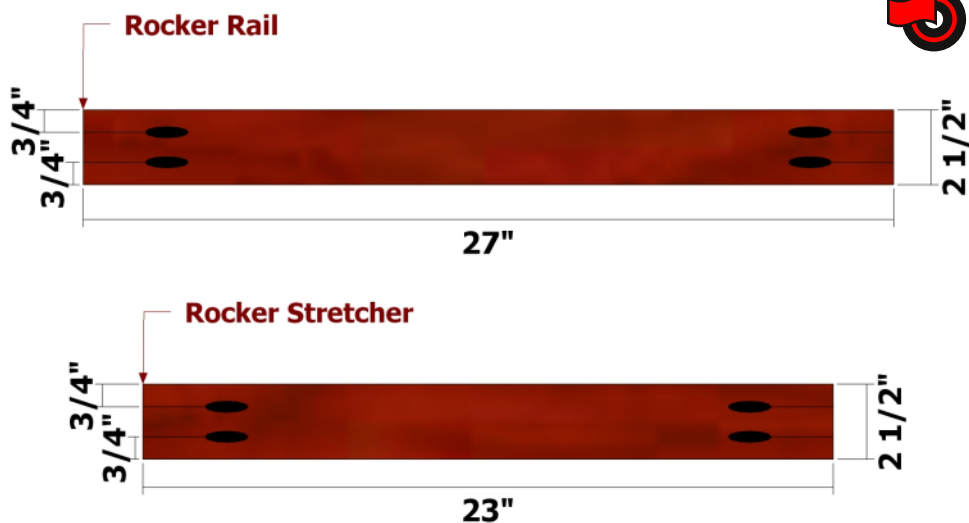
**NOTE**

Use the layout above for creating the Front and Back Seat Rails. Set your pocket hole jig and drill bit for 1 1/2" stock.



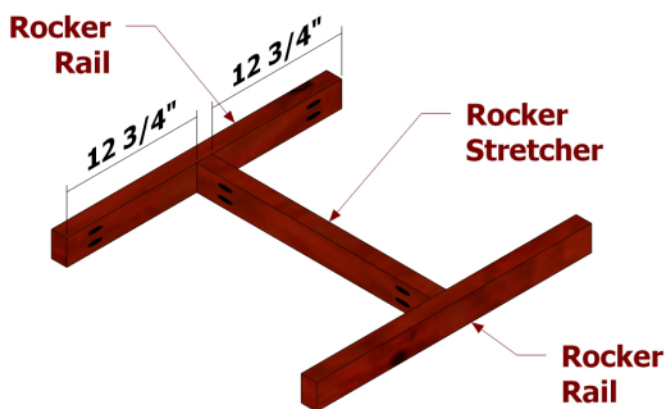
**NOTE**

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



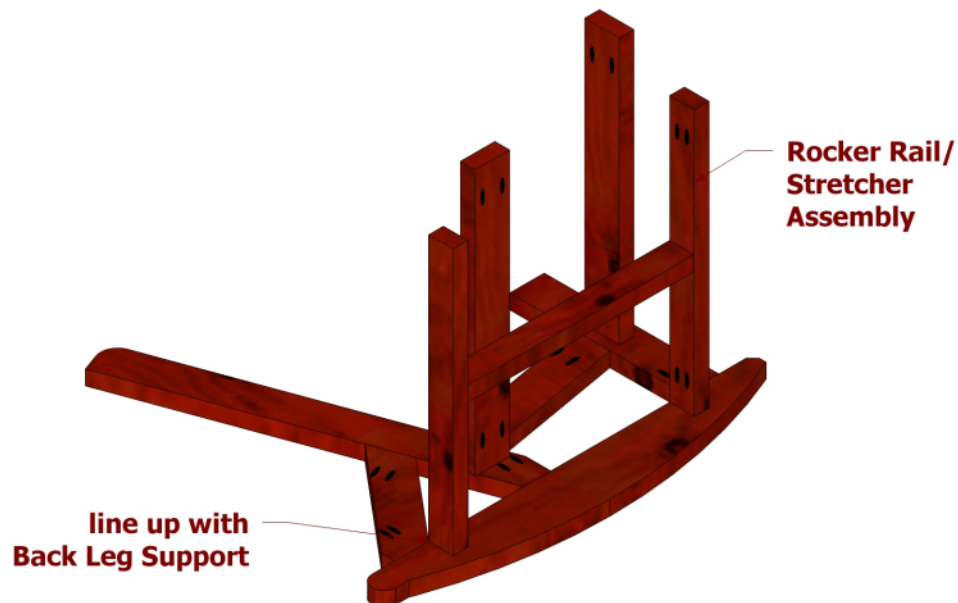
**NOTE**

Use the layouts above for creating the Rocker Rails and Rocker Stretcher. Set your pocket hole jig and drill bit for 1 1/2" stock.

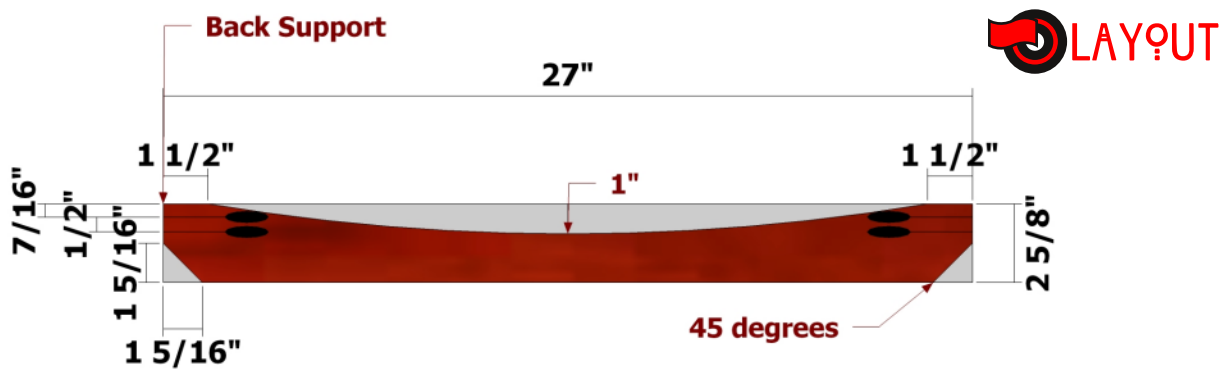


**NOTE**

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



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**NOTE** Use the layout above for creating the Back Supports. Set your pocket hole jig and drill bit for 1 1/2" stock.


**NOTE**

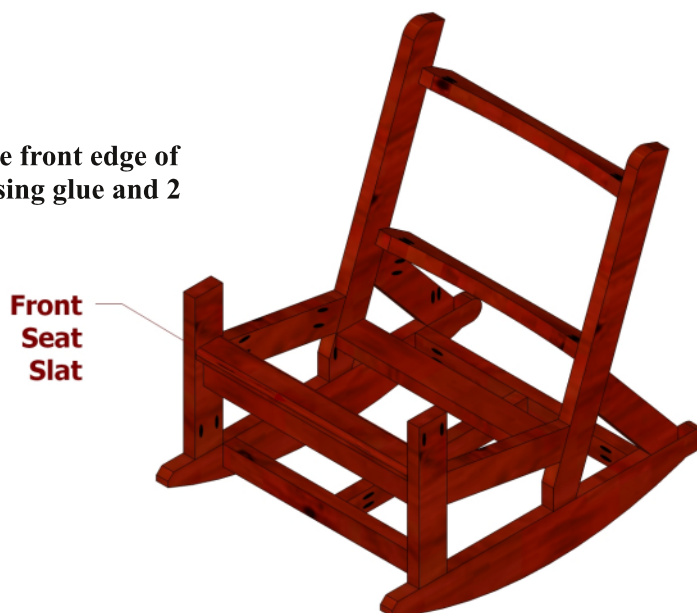
**Position the parts as shown (or flip the Back Supports over so the pocket holes are facing down) on this page and attach using glue and 2 1/2" pocket hole screws.**



**Position the assembly you just created to the other rocker and leg assembly and attach using glue and 2 1/2" pocket hole screws. Use the previous instructions as a guide for positioning.**

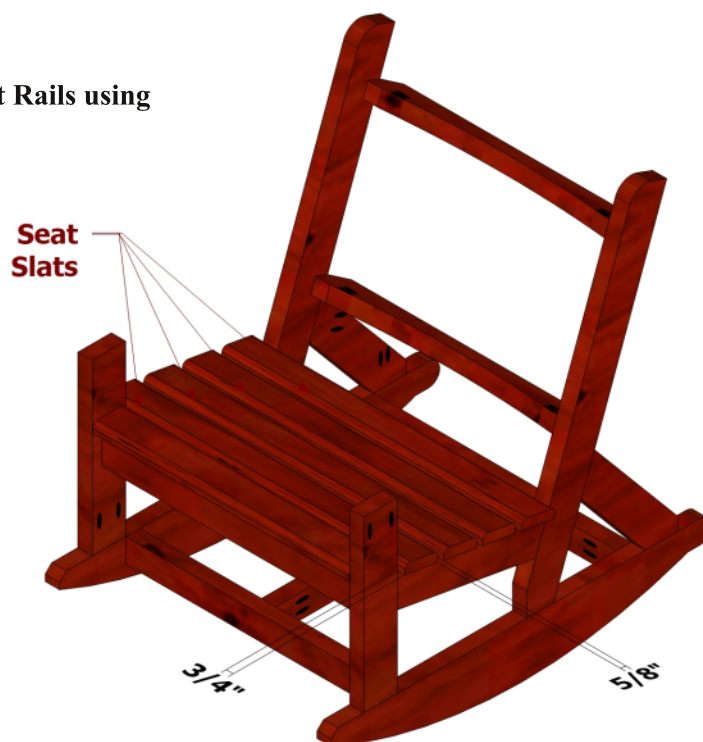
**NOTE**

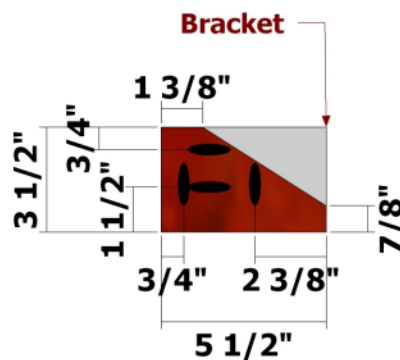
Position the Front Seat Slat as shown (flush with the front edge of the Front Legs) and attach to the Front Seat Rail using glue and 2 1/2" deck screws.



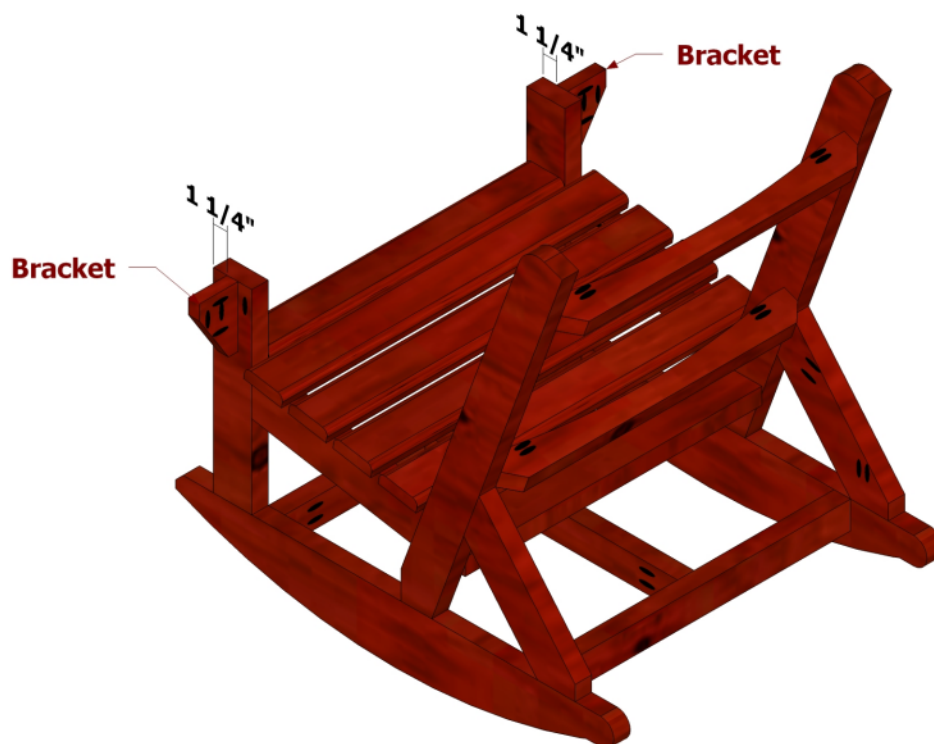
**NOTE**

Position the Seat Slats as shown and attach to the Seat Rails using glue and 2 1/2" deck screws.

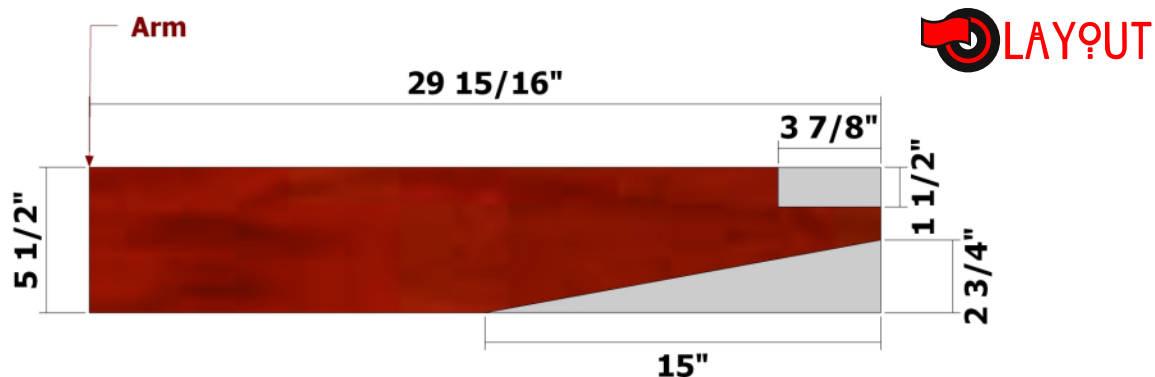





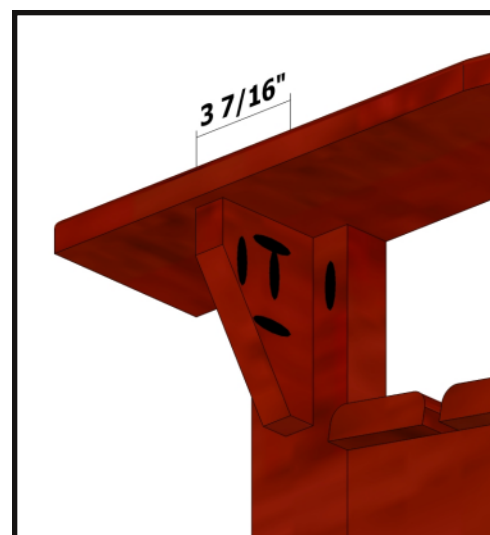
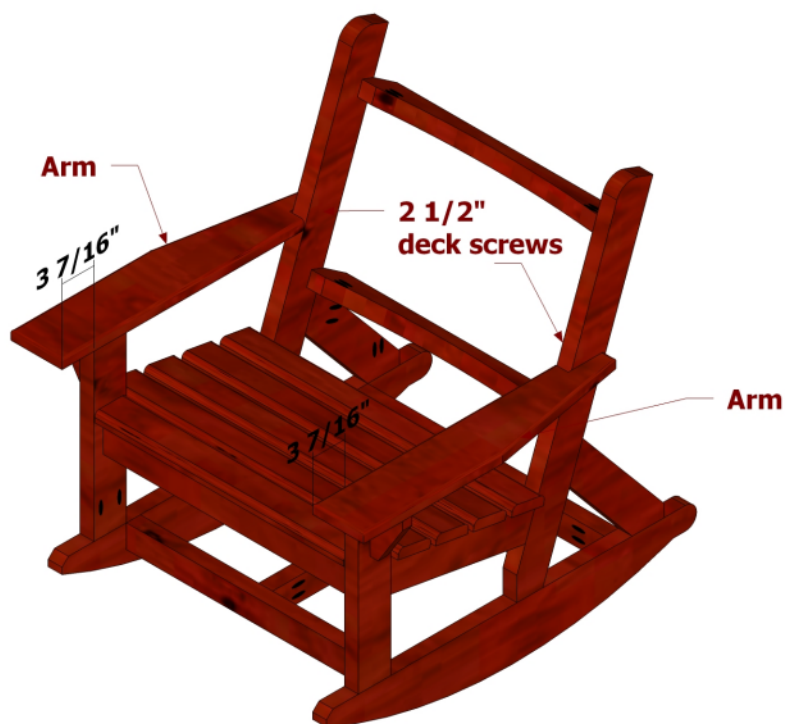
Use the layout above for creating the Brackets. Set your pocket hole jig and drill bit for 1" stock.




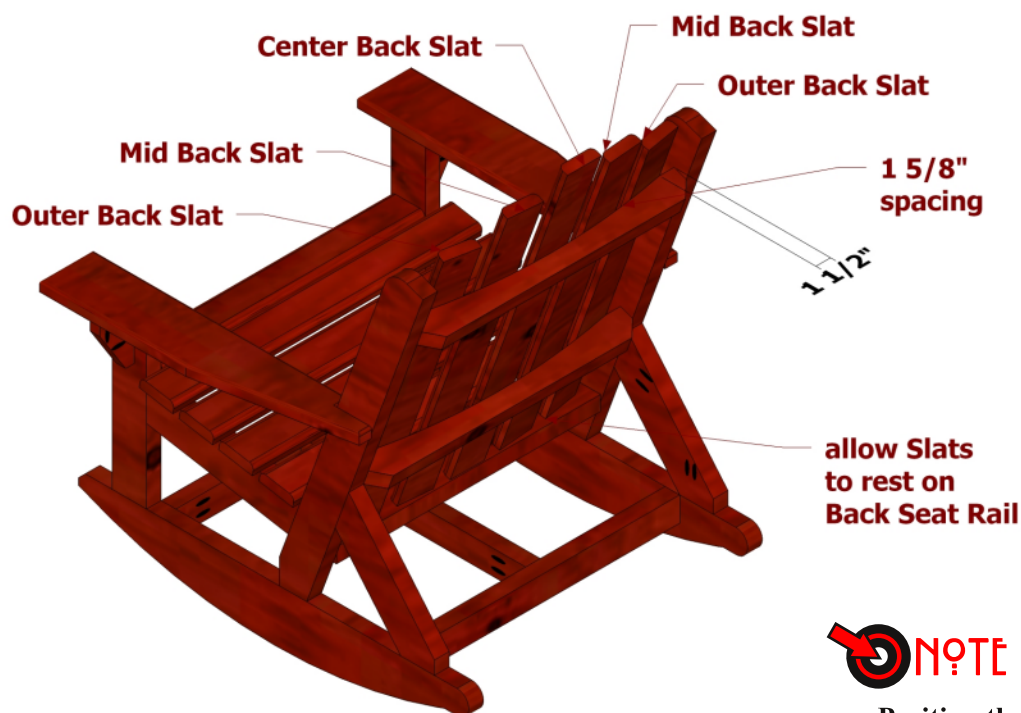
Position the parts as shown and attach using glue and 1 1/2" pocket hole screws.



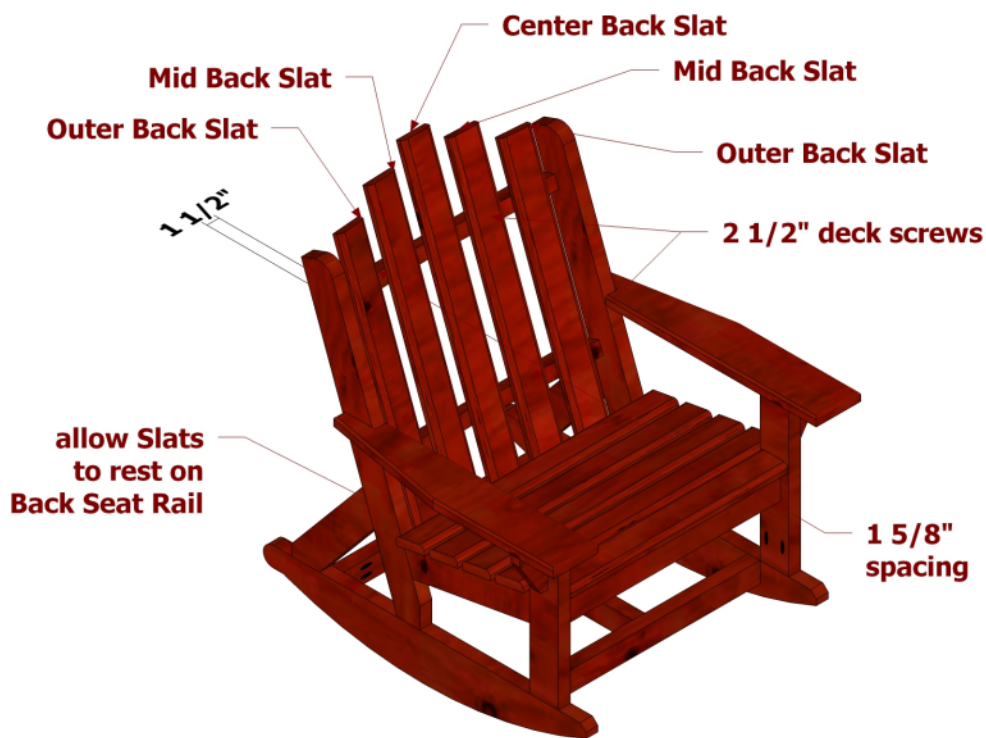
 **NOTE** Use the layout above for creating the Arms.



 **NOTE** Position the parts as shown and attach using glue and 1 1/2" pocket hole screws through the Brackets and Front Legs and into the Arms. Also drive 2 1/2" deck screws through the Back Legs and into the Arms. Use at least two deck screws per Arm.

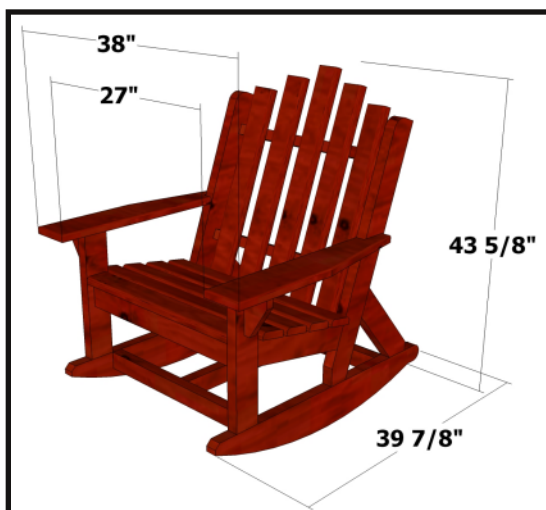
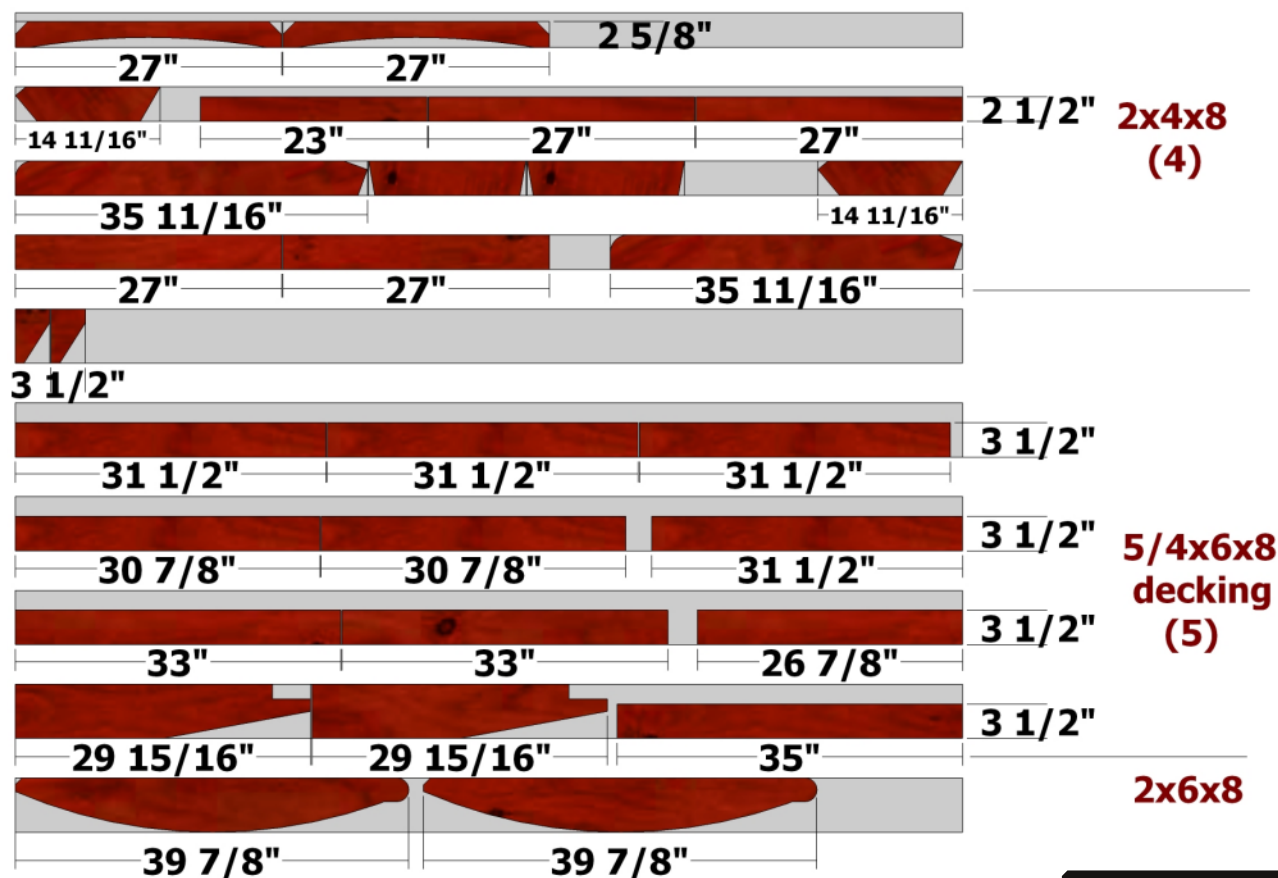


**NOTE**  
Position the parts as shown and attach using glue 2 1/2" deck screws. Use two screws at each point where the Slats meet the Back Supports.





## CUTTING DIAGRAM



## PARTS

Seat Rails (2) - 1 1/2 x 3 1/2 x 15 15/16  
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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!