



#### WĦAT Y?U'LL NEED



#### LUMBER

7 - 2 x 4 x 8 5 - 2 x 8 x 8 2 - 4 x 4 x 8

(availability will vary)

#### **HARDWARE/SUPPLIES**

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

miter 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 <u>Cutting Diagram</u> 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.



close attention to the diagrams, take precautions for safety, etc.



facebook.com/ChiefsShop.

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



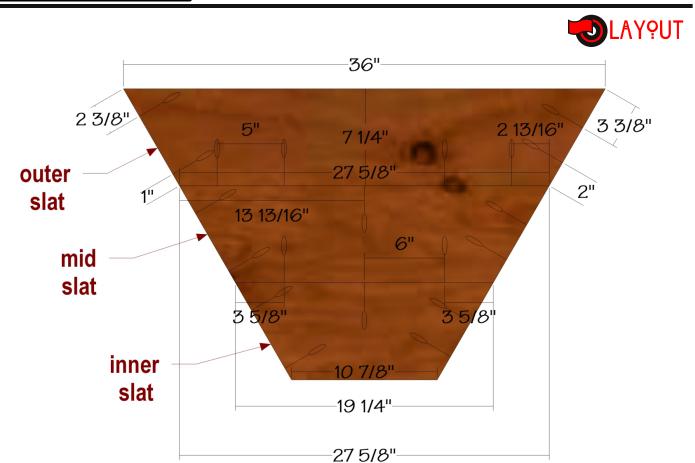
Check out Chief's Shop Videos on YouTube. (click here)



Outer Slats (6) - 1-1/2 x 7-1/4 x 36 Mid Slats (6) - 1-1/2 x 7-1/4 x 27-5/8 Inner Slats (6) - 1-1/2 x 7-1/4 x 19-1/4 Outer Legs (6) - 3-1/2 x 3-1/2 x 28-1/2 Inner Legs (6) - 1-1/2 x 3-1/2 x 28-1/2 Side Rails (12) - 1-1/2 x 3-1/2 x 15-5/8 Inner Rails (6) - 1-1/2 x 3-1/2 x 12-5/16 Outer Rails (6) - 1-1/2 x 3-1/2 x 29-11/16

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.





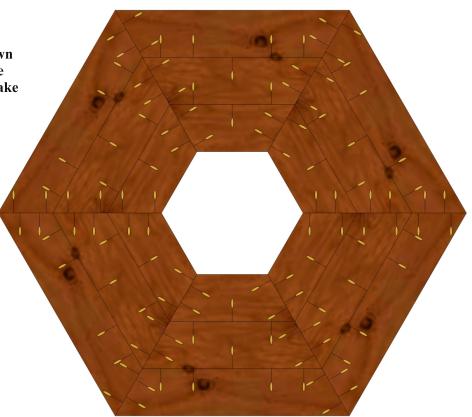


Cut each slat at a 30-degree angle on each end (refer to the Parts List for the dimensions in addition to what shown here). Set your pocket hole jig and drill bit for 1 1/2" stock for drilling the pocket holes on the mitered ends and edges. Note the pocket hole placements on the ends. Join the outer slat, mid slat, and inner slat using 2 1/2" pocket hole screws. Create six assemblies.





Position the slat assemblies as shown and attach using 2 1/2" pocket hole screws. Clamp at the corners to make the faces flush.

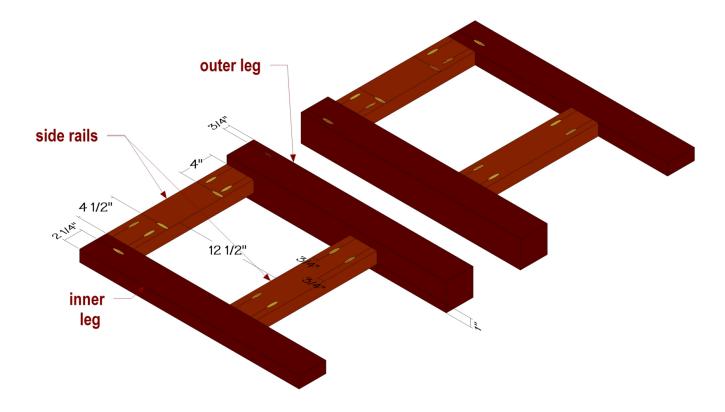








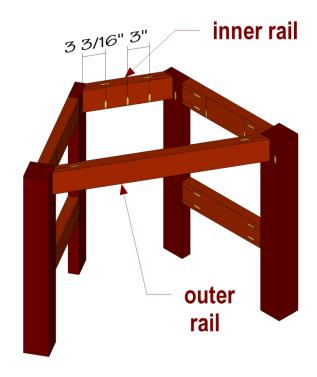
Cut the parts per the Parts List and drill the pocket holes in the positions shown on the side rails, outer legs, and inner legs. Set your pocket hole jig and drill bit for 1 1/2" stock. Position the parts as shown and attach using 2 1/2" pocket hole screws. Note the 1" offset of the side rails to outer legs. Create three of each assemblies shown below.

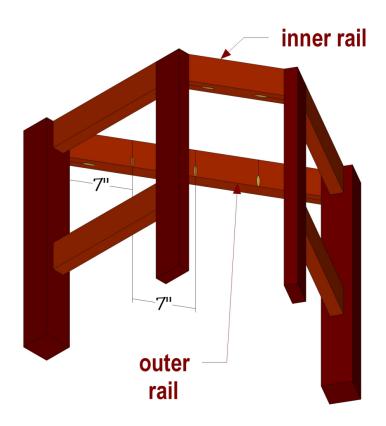






Cut the inner rails and outer rails (create six of each) per the Parts List, cutting a 30-degree miter on the ends, then drill the pocket holes in the positions shown. Note that the pocket holes drilled on the edges are centered. Set your pocket hole jig and drill bit for 1 1/2" stock. Position the parts as shown and attach using 2 1/2" pocket hole screws. Create one assembly as shown here, using two inner rails, two outer rails and two leg assemblies.

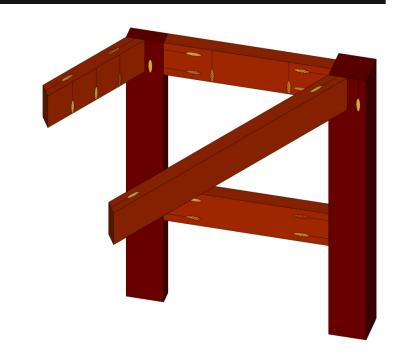








Create four of the assemblies shown here. Position the parts as shown and attach using 2 1/2" pocket hole screws.





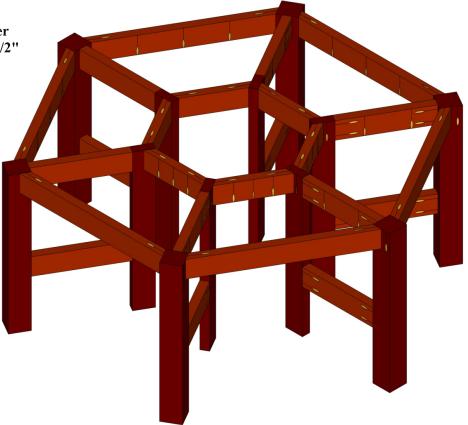
Position the assemblies as shown and attach using 2 1/2" pocket hole screws.







Position the last inner rail and outer rails as shown and attach using 2 1/2" pocket hole screws.

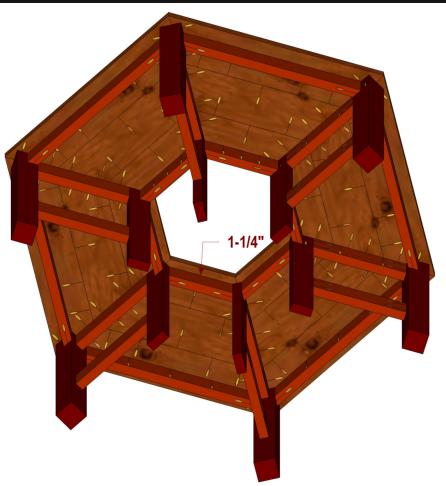


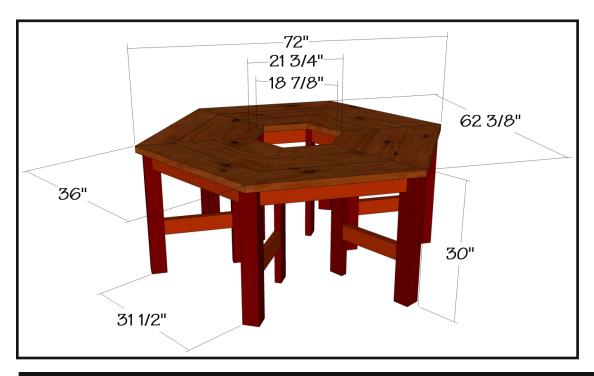




Position the slat assembly on top of the base assembly as shown, with the inner slats evenly offset from inner rail, and attach using 2 1/2" pocket hole screws. This view is from underneath.

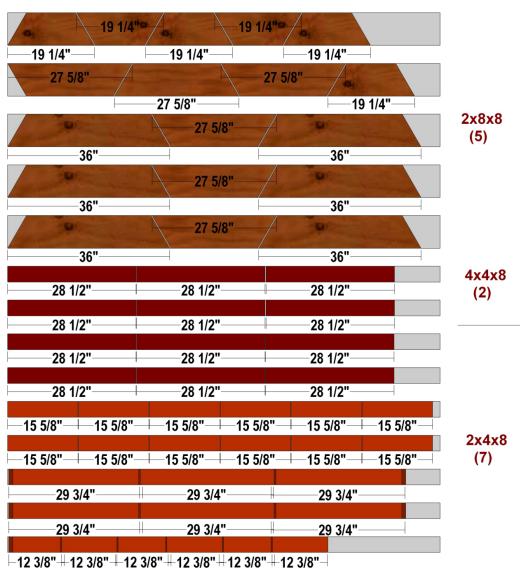
Place a garbage receptable in the center to collect waste.







# **CUTTING DIAGRAM**



Estimated lumber cost: starting at \$85



Outer Slats (6) - 1-1/2 x 7-1/4 x 36 Mid Slats (6) - 1-1/2 x 7-1/4 x 27-5/8 Inner Slats (6) - 1-1/2 x 7-1/4 x 19-1/4 Outer Legs (6) - 3-1/2 x 3-1/2 x 28-1/2 Inner Legs (6) - 1-1/2 x 3-1/2 x 28-1/2 Side Rails (12) - 1-1/2 x 3-1/2 x 15-5/8 Inner Rails (6) - 1-1/2 x 3-1/2 x 29-1/16 Outer Rails (6) - 1-1/2 x 3-1/2 x 29-11/16

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!