

CHIEF'S SHOP PLAN OF THE WEEK

COUNTRY NICHE BENCH



WHAT YOU'LL NEED



LUMBER

4 - 2x4x8
2 - 2x6x8
(availability will vary)

HARDWARE/SUPPLIES

Kreg 2 1/2" pocket hole screws
2 1/2" deck screws
wood glue, wood filler,
pocket hole plugs, choice of
finish

TOOLS

miter saw
sander/belt sander
drill/driver
Kreg Jig
clamps
square

ABOUT THESE PLANS

On this first page you will see above the project complete. On one of the last two pages 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 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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PARTS



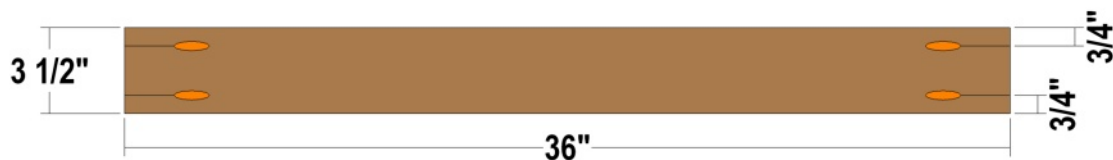
side rails (2) - 1 1/2 x 3 1/2 x 36
stretchers (2) - 1 1/2 x 3 1/2 x 13
end rails (2) - 1 1/2 x 3 1/2 x 13
inside legs (4) - 1 1/2 x 3 1/2 x 14 1/2
outside legs (4) - 1 1/2 x 3 1/2 x 16
seat slats (4) - 1 1/2 x 5 1/2 x 45
braces (4) - 1 1/2 x 3 1/2 x 9
end trim (2) - 1 1/2 x 3 1/2 x 20

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

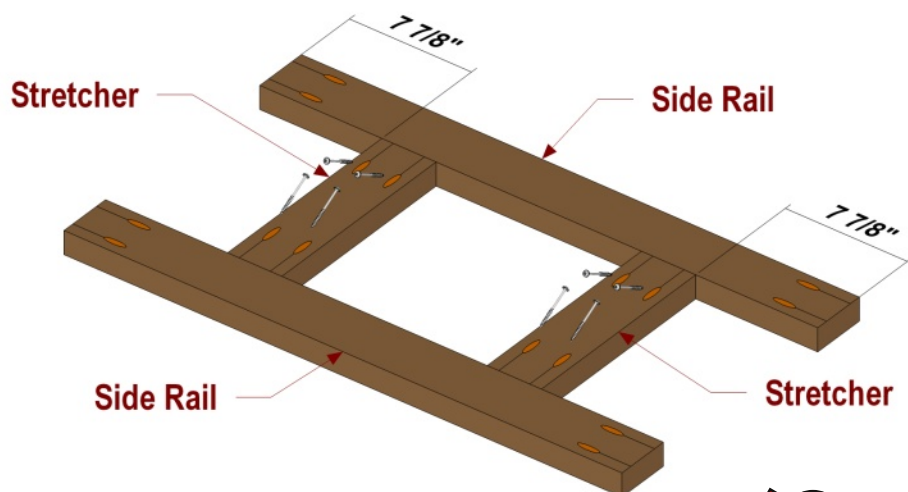
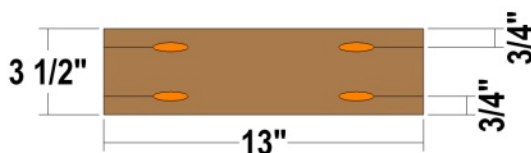
Check out Chief's Shop Videos on YouTube. ([click here](#))

Side Rail



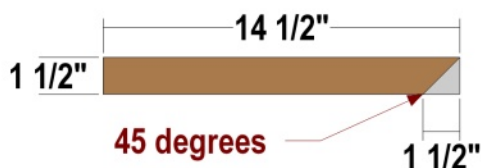
Use the layout for creating the Side Rails and Stretchers. Set your Kreg Jig and drill bit for 1 1/2" stock for the pocket holes.

Stretcher



Apply glue to the ends of the Stretchers, position as shown, and attach to the Side Rails and using 2 1/2" pocket hole screws.

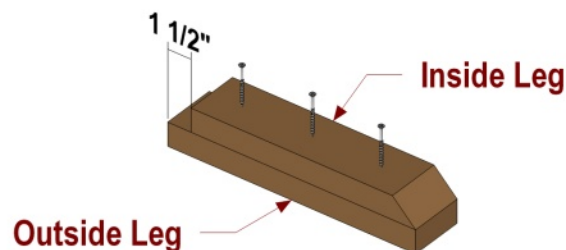
Inside Leg



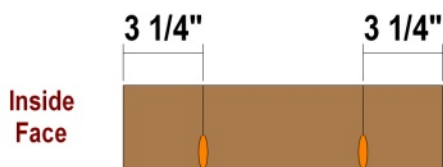
Use the layout for creating the Legs. **This is an edge view. Cut the 45-degree bevel using a miter saw.**



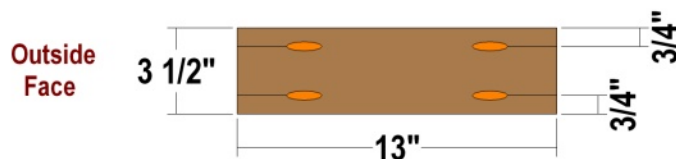
Apply glue to face of the Inside Leg that does not have the bevel, position it flush against the Outside Leg as shown, and attach using 2 1/2-inch deck screws. **Test fit first to make sure you have 1 1/2" spacing at the top of the Inside Leg.**



End Rail

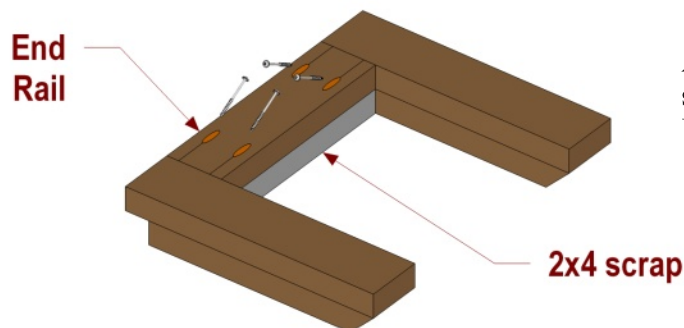


Use the layout for creating the End Rails. **Set your Kreg Jig and drill bit for 1 1/2" stock for the pocket holes. The layouts shown are for both faces of each rail.**

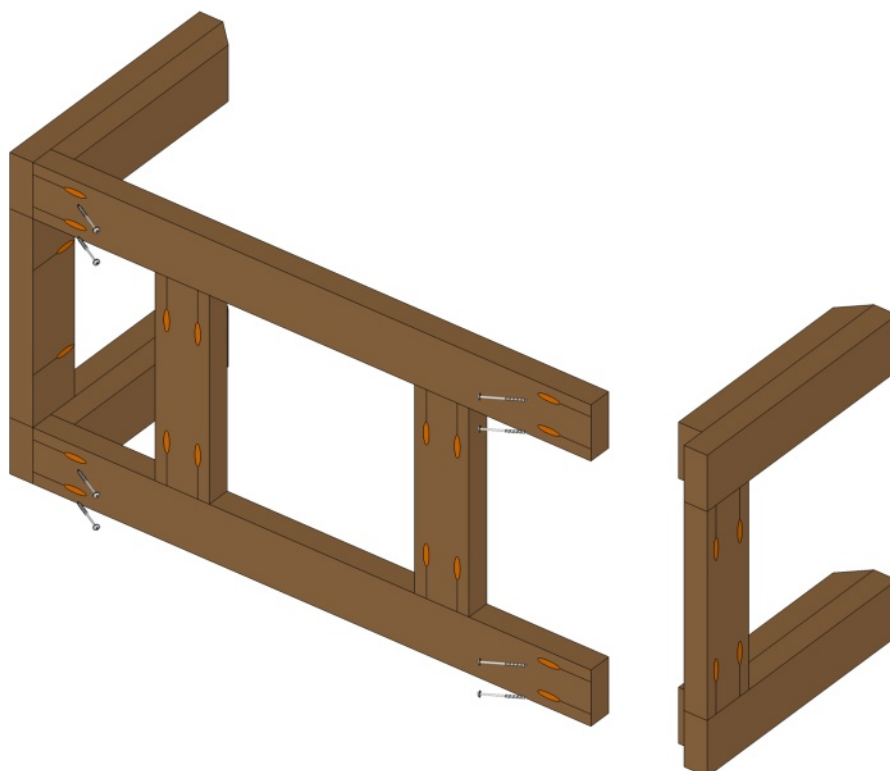


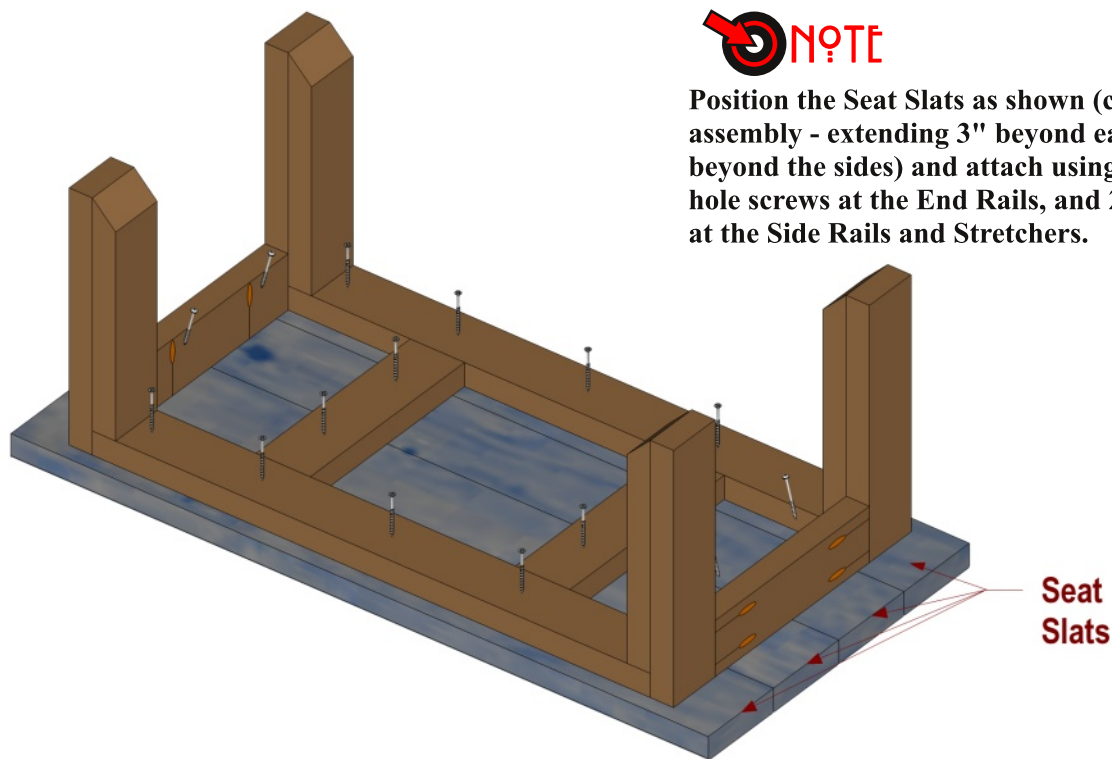


Apply glue to the ends of the End Rails, position as shown, and attach using 2 1/2" pocket hole screws. Use a scrap piece of 2x4 as a spacer.



Apply glue to the ends of the Side Rails and top end of the Inside Legs, position as shown, and attach using 2 1/2" pocket hole screws.

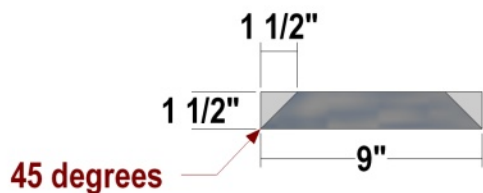




NOTE

Position the Seat Slats as shown (centered on the assembly - extending 3" beyond each end and 1" beyond the sides) and attach using 2 1/2" pocket hole screws at the End Rails, and 2 1/2" deck screws at the Side Rails and Stretchers.

Bracket

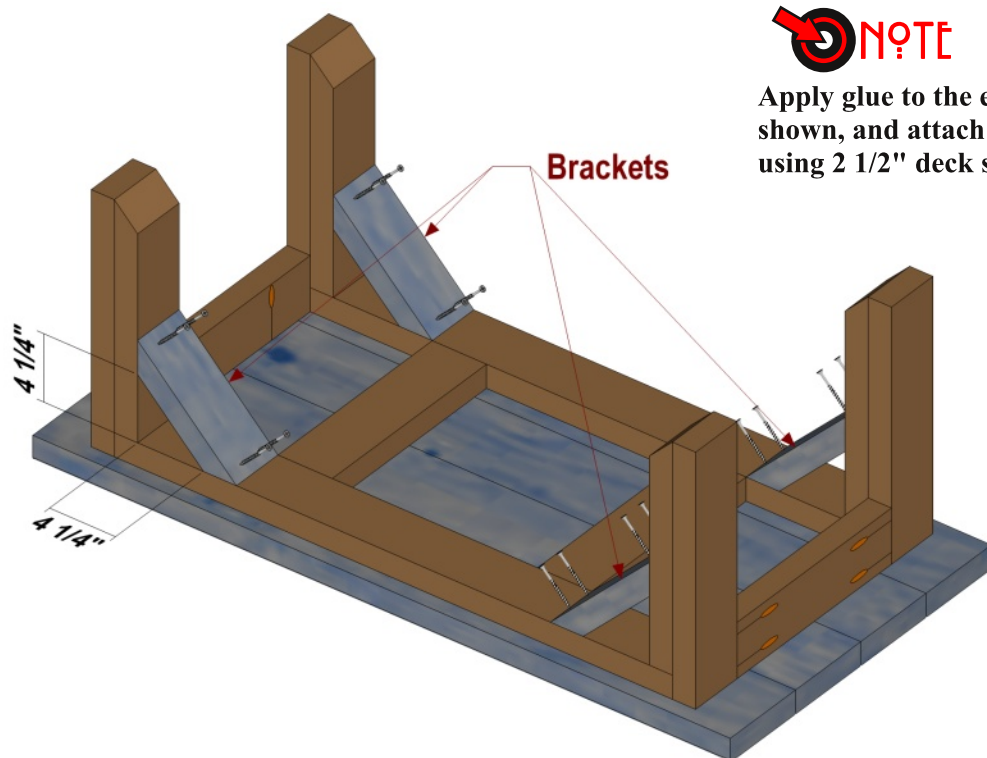


LAYOUT



NOTE

Use the layout to create the Brackets. Cut the bevels using a miter saw, and be sure to allow plenty of room when cutting. The Cutting Diagram indicates working from right to left when cutting these parts. Having a longer piece from which to work will keep your hands away from the blade.



Apply glue to the ends of the Brackets, position as shown, and attach to the Inside Legs and Side Rails using 2 1/2" deck screws.



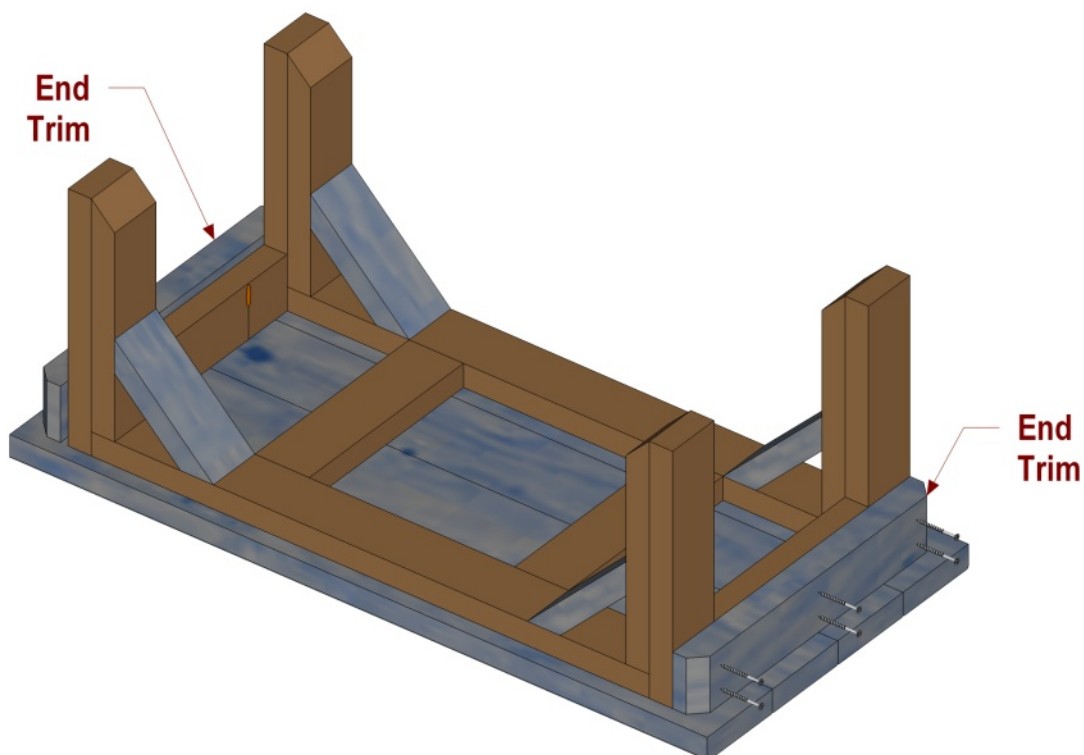
End Trim



Use the layout to create the End Trim. Use a miter saw to cut the 45-degree end chamfers.

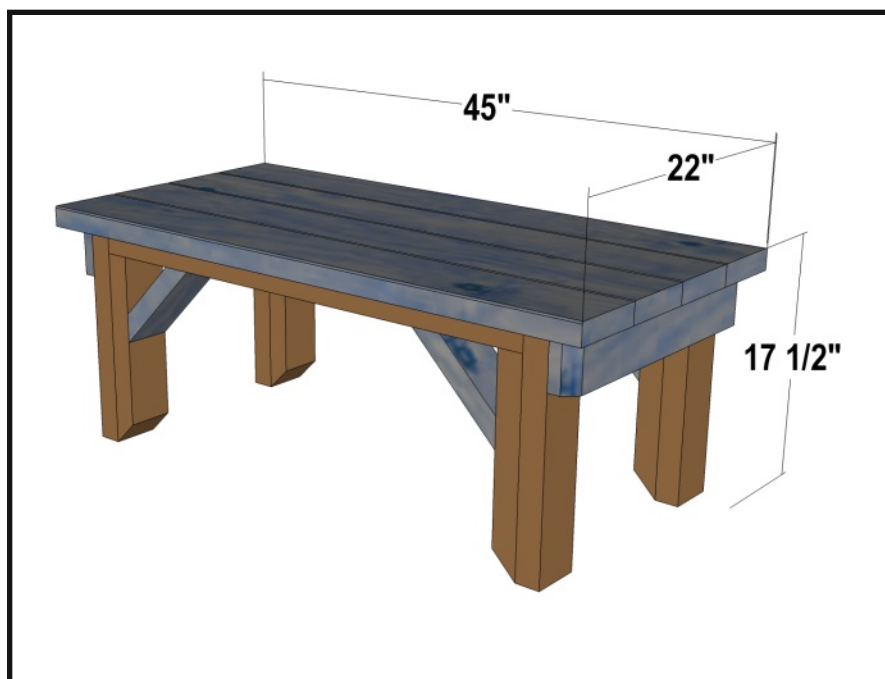
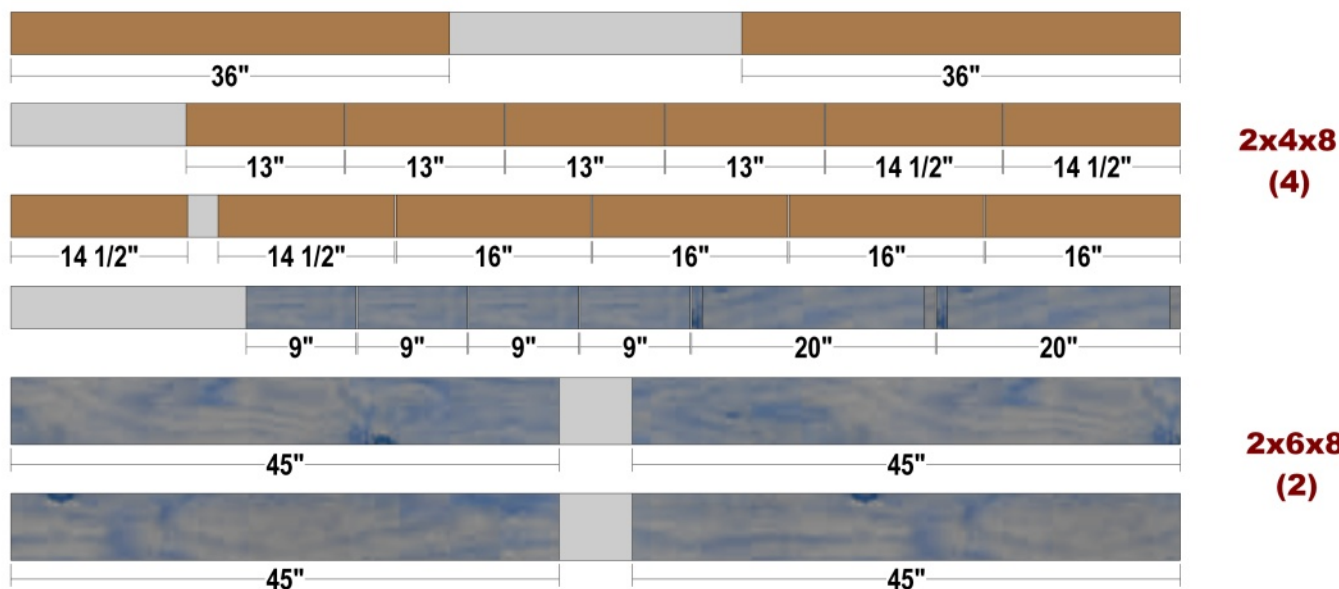


Apply glue to the faces of the End Trim, position flush against the Outside Legs and End Rail, and attach using 2 1/2" deck screws.





CUTTING DIAGRAM



Estimated lumber cost:
starting at \$25 for one

PARTS

side rails (2) - 1 1/2 x 3 1/2 x 36
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end trim (2) - 1 1/2 x 3 1/2 x 20

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!