

CHIEF'S SHOP PLAN OF THE WEEK

GARDEN BENCH



WHAT YOU'LL NEED



LUMBER

3 - 2x6x8
4 - 5/4x6x8 decking
(availability will vary)

HARDWARE/SUPPLIES

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

TOOLS

miter saw
sander
drill/driver with right-angle
or flexible attachment
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.



MORE PLANS

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 facebook.com/ChiefsShop.



NOTE

Apply glue to all mating parts.

VIDEO

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

PARTS

side rails (2) - 1 1/2 x 5 1/2 x 54
stretcher (1) - 1 1/2 x 5 1/2 x 14
end rails (2) - 1 1/2 x 5 1/2 x 17
legs (4) - 1 1/2 x 5 1/2 x 15
slats (4) - 1 x 5 1/2 x 60

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.

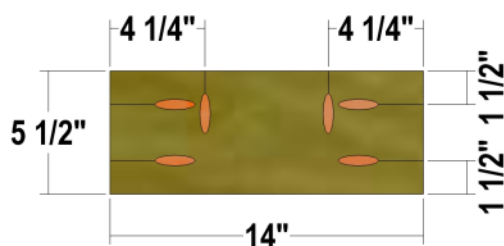
GARDEN BENCH



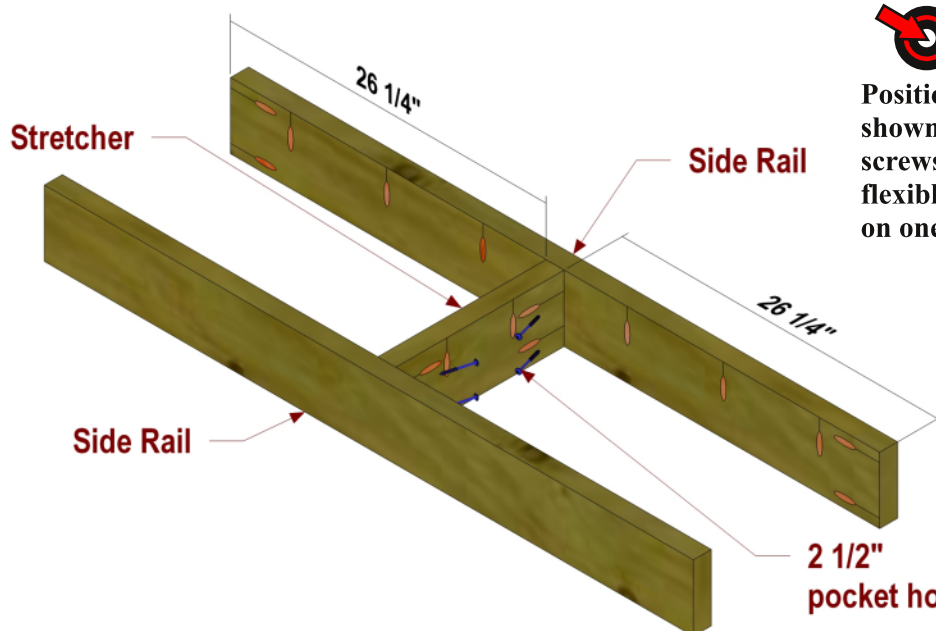
Side Rail



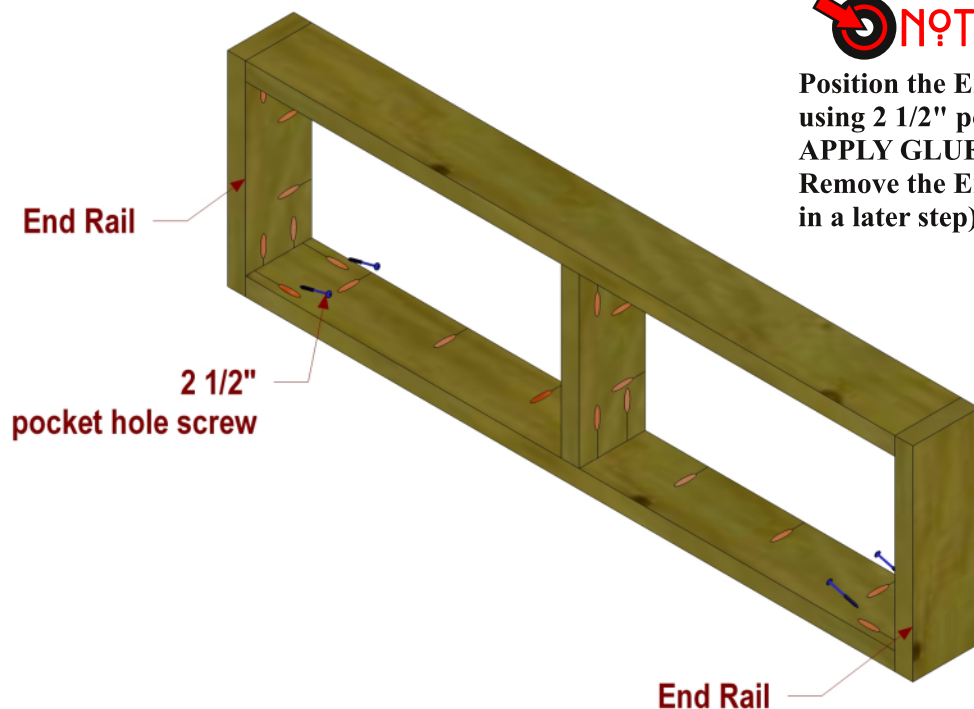
Stretcher



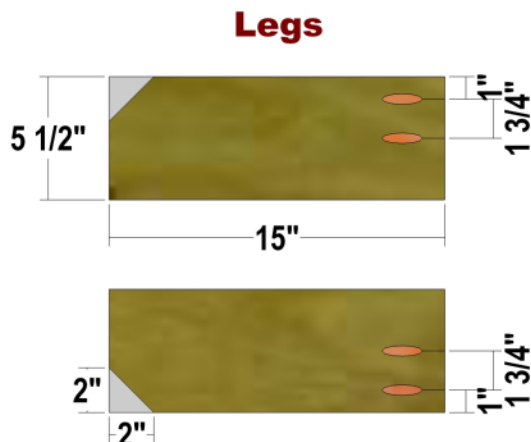
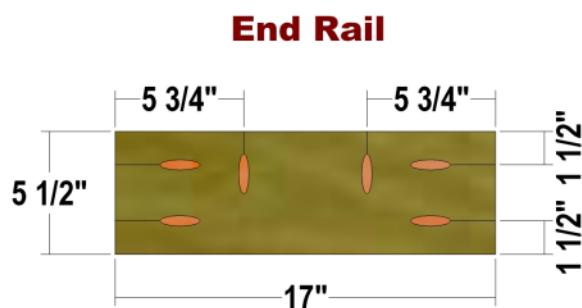
Use the layouts for creating the Side Rails and Stretcher. Set your Kreg Jig and drill bit for 1 1/2" stock for the pocket holes on the ends, and for 1" stock for the pocket holes on the edges.



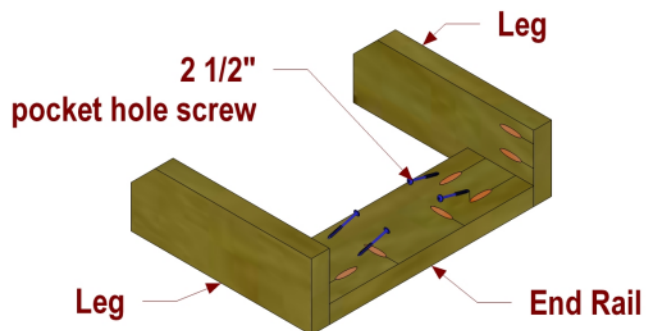
Position the Stretcher and Side Rails as shown, and attach using 2 1/2" pocket hole screws. You will need to use a right-angle or flexible attachment to drive in the screws on one end.



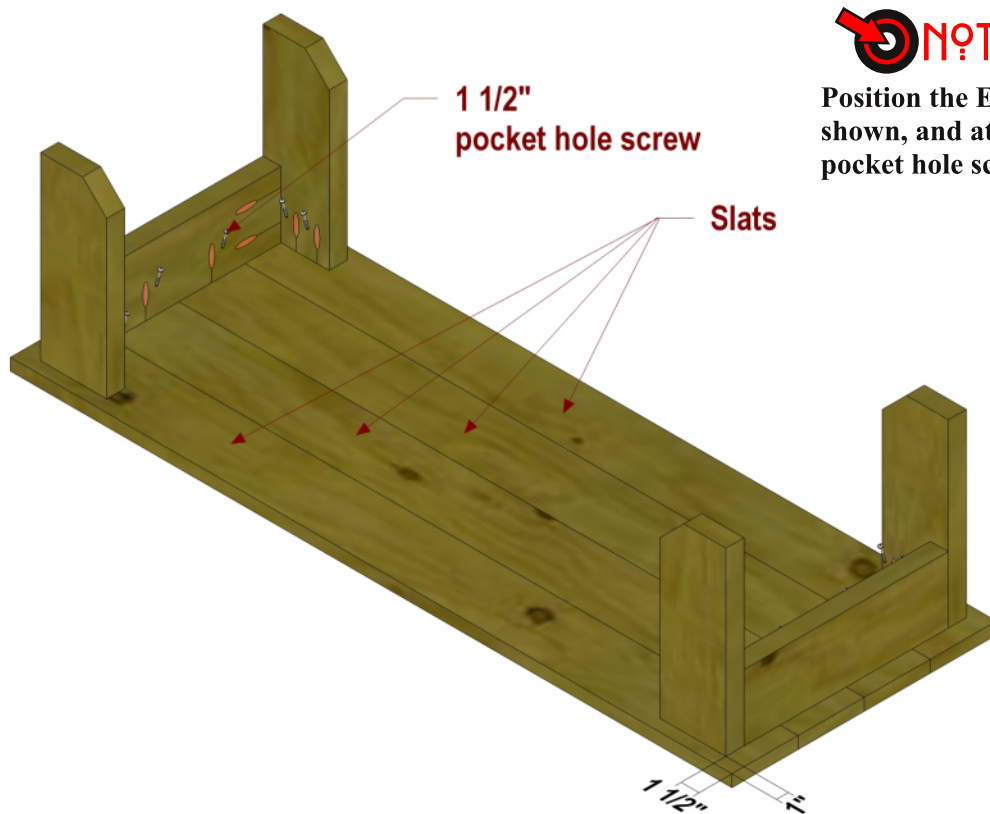
Position the End Rails as shown, and attach using 2 1/2" pocket hole screws (**DO NOT APPLY GLUE BEFORE ATTACHING**). Remove the End Rails (you will reassemble in a later step).



Use the layout for creating the End Rails and Legs. **Set your Kreg Jig and drill bit for 1 1/2" stock for the pocket holes on the ends of the End Rails, and 1" stock for the pocket holes on the edge of the End Rails and ends of the Legs.** Cut a 45-degree miter on the ends of the Legs as shown. Create two of each layout of the Legs.



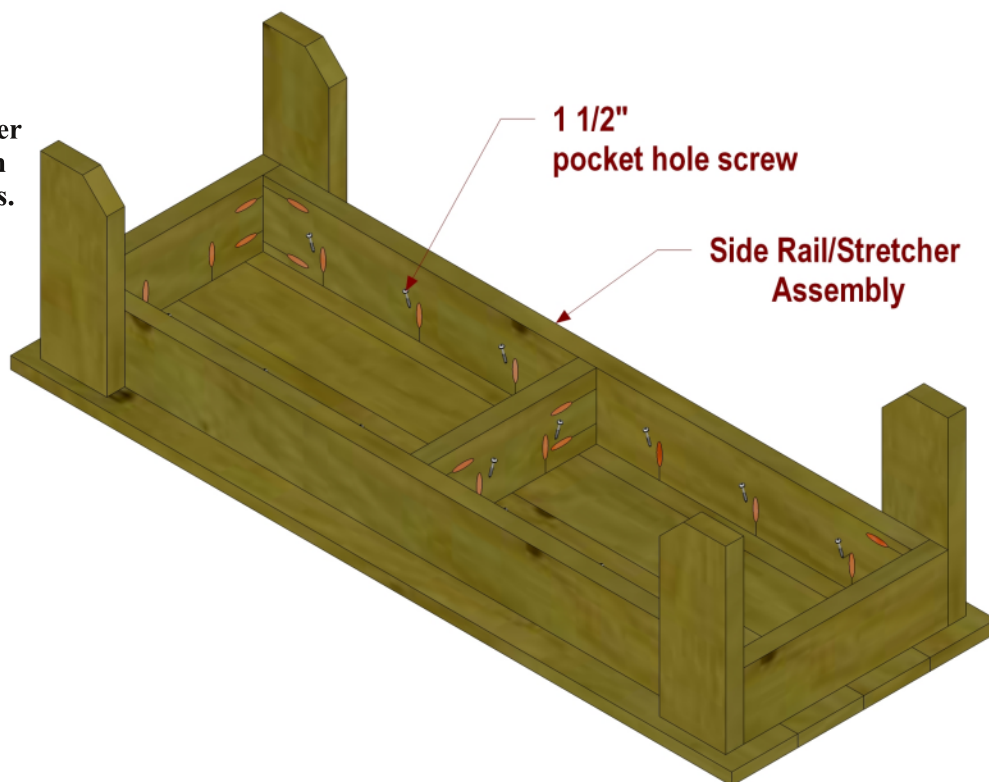
NOTE
Position the End Rail as shown, and attach to two Legs using 2 1/2" pocket hole screws. Create two assemblies.



NOTE
Position the End Rail/Leg Assemblies as shown, and attach to the Slats using 1 1/2" pocket hole screws.

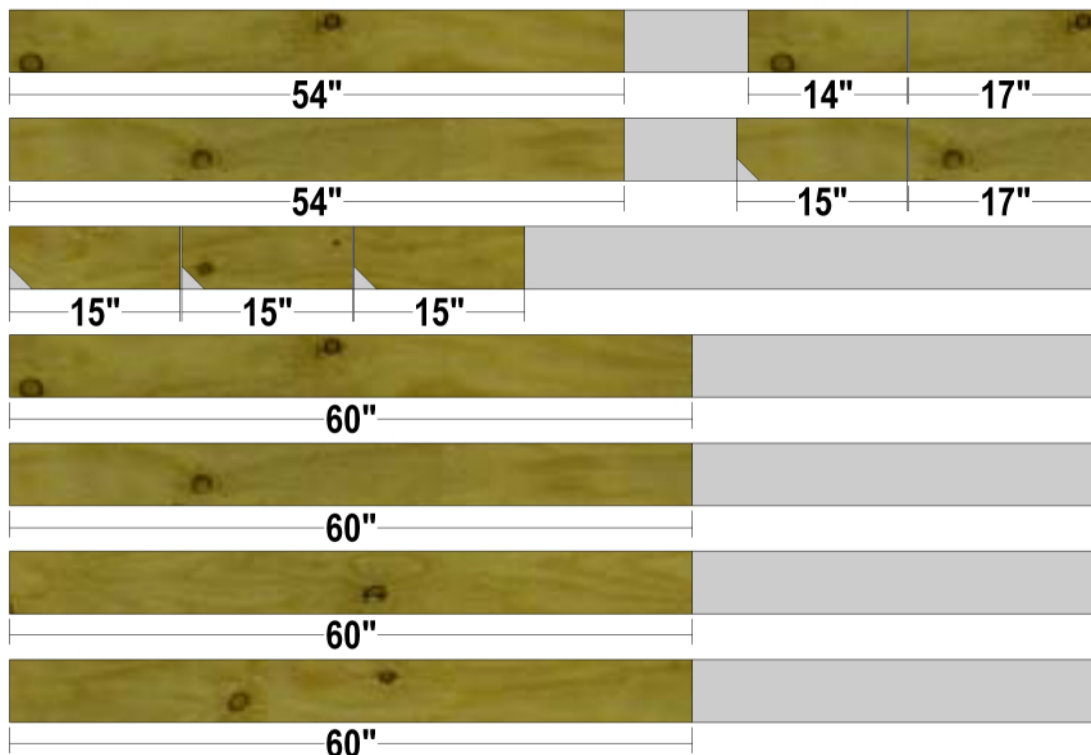
NOTE

Position the Side Rails/Stretcher Assembly as shown, and attach using 1 1/2" pocket hole screws. Drive screws through the Side Rails and Stretcher.



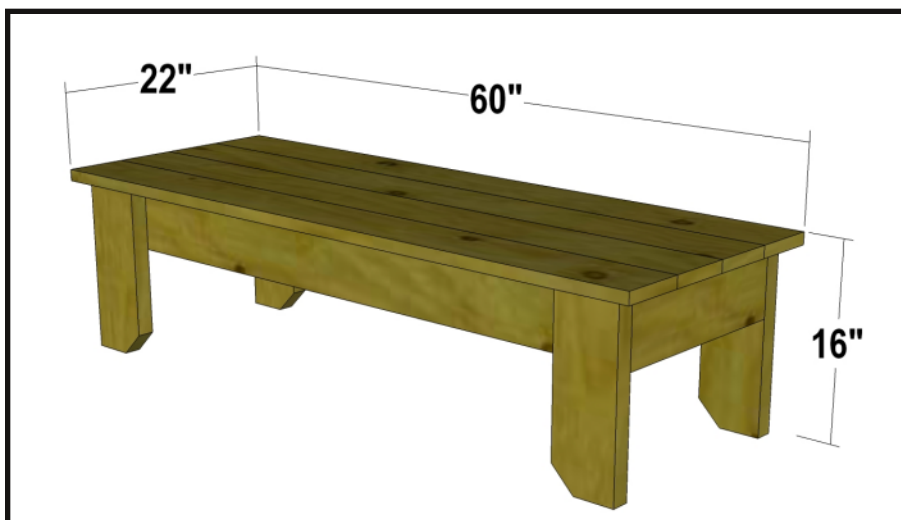


CUTTING DIAGRAM



**2x6x8
(3)**

**5/4x6x8
decking
(4)**



Estimated lumber cost:
starting at \$50 for one

PARTS

side rails (2) - 1 1/2 x 5 1/2 x 54
stretcher (1) - 1 1/2 x 5 1/2 x 14
end rails (2) - 1 1/2 x 5 1/2 x 17
legs (4) - 1 1/2 x 5 1/2 x 15
slats (4) - 1 x 5 1/2 x 60

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!