

CHIEF'S SHOP PLAN OF THE WEEK

PARK BENCH



WHAT YOU'LL NEED



LUMBER

1 - 2x4x8
3 - 2x6x8
3 - 2x6x10
1 - 2x8x10
(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
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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NOTE

Apply glue to all mating parts.



PARTS



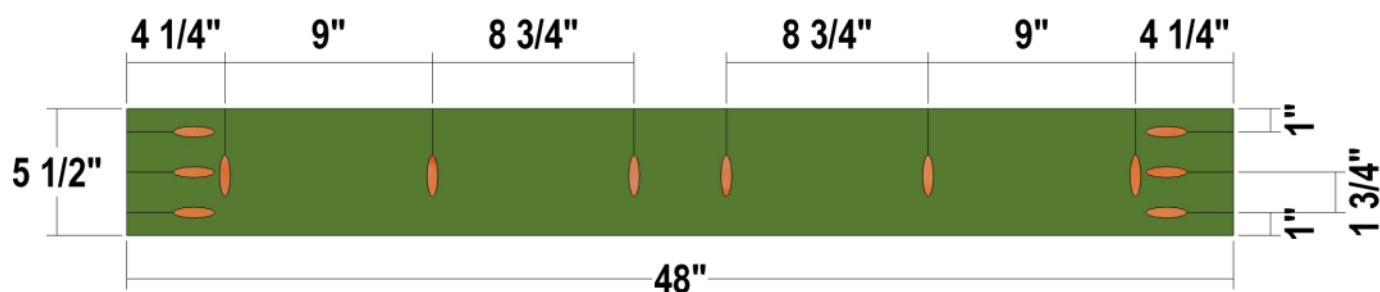
side rails (2) - 1 1/2 x 5 1/2 x 48
stretcher (1) - 1 1/2 x 5 1/2 x 21 3/4
end rails (2) - 1 1/2 x 5 1/2 x 21 3/4
back legs (2) - 1 1/2 x 7 1/4 x 35 3/16
front legs (2) - 1 1/2 x 7 1/4 x 14 11/16
mid seat slats (2) - 1 1/2 x 5 1/2 x 54
front seat slat (1) - 1 1/2 x 3 1/2 x 54
back seat slat (1) - 1 1/2 x 5 1/2 x 48
back cleats (2) - 1 1/2 x 3 1/2 x 12
back slats (3) - 1 1/2 x 5 1/2 x 54

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.

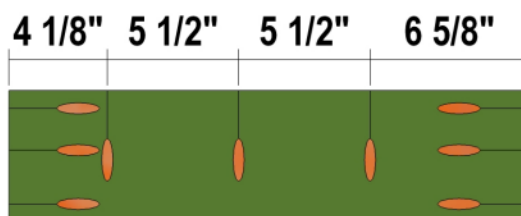
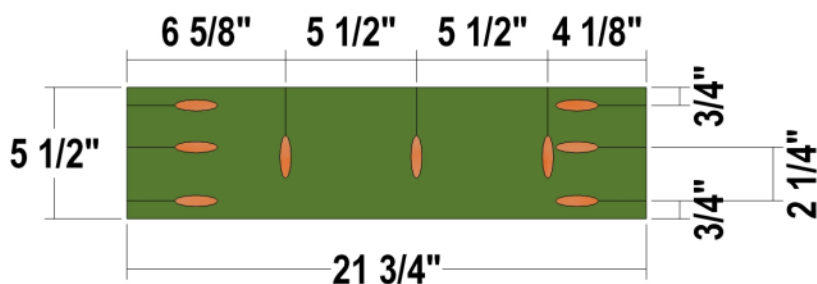
VIDEO

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

Side Rail



End Rails/Stretcher

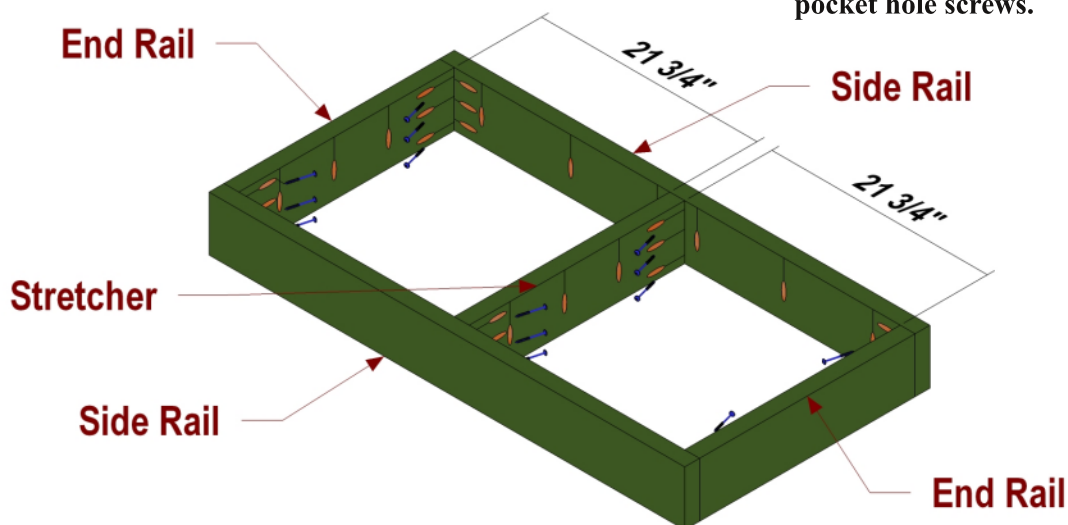


NOTE

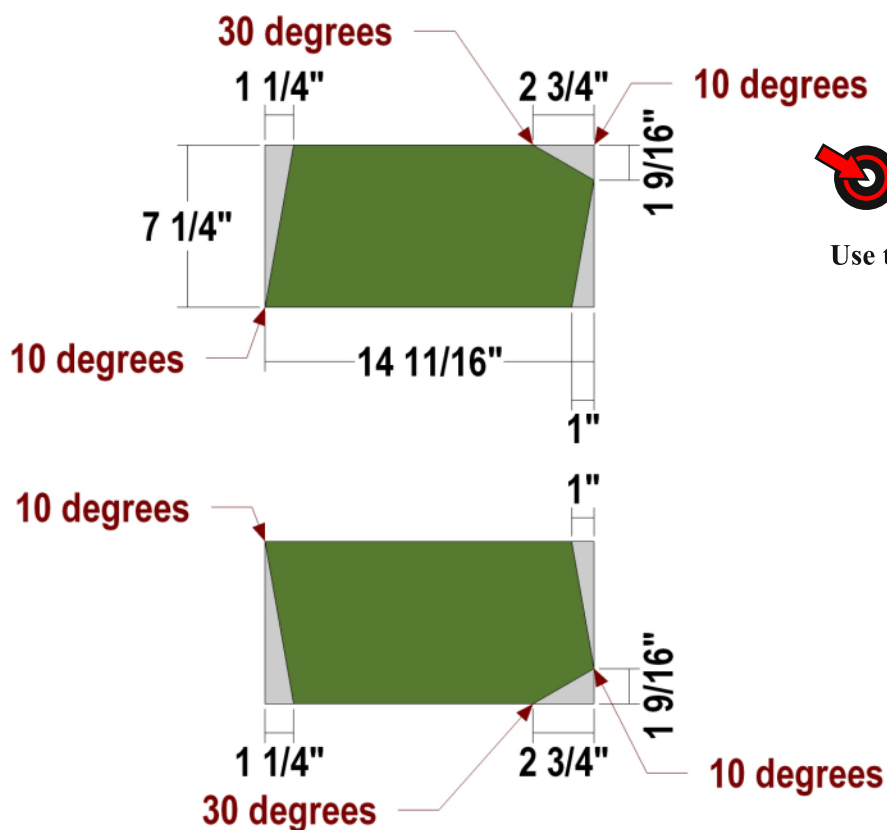
Use the layouts for creating the Side Rails, End Rails, and Stretcher. Set your Kreg Jig and drill bit for 1 1/2" stock for the pocket holes. For the End Rails and Stretcher, create one of the top layout, and two of the bottom layout. Label one of the two bottom layout parts as End Rail, and one as Stretcher.



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

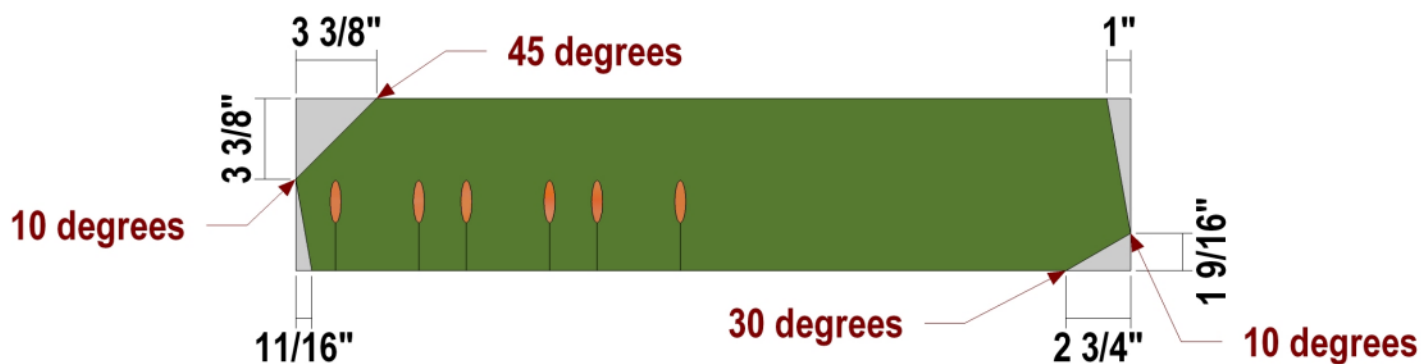
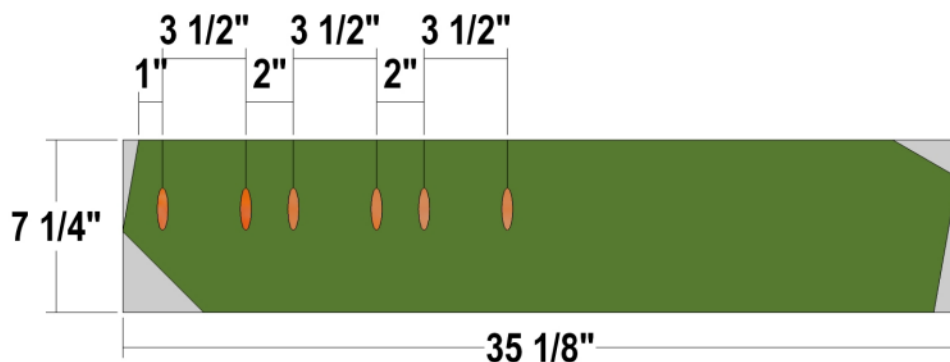


Front Legs



Use the layout for creating the Front Legs.

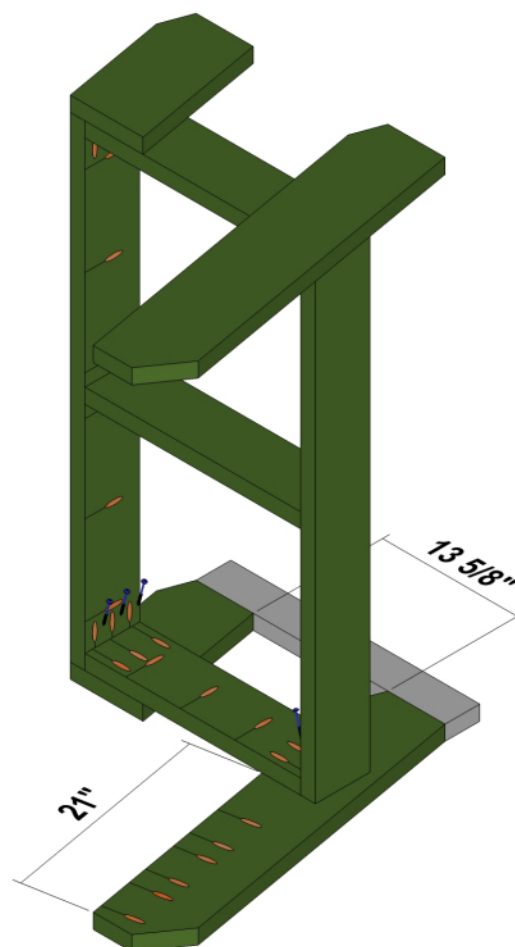
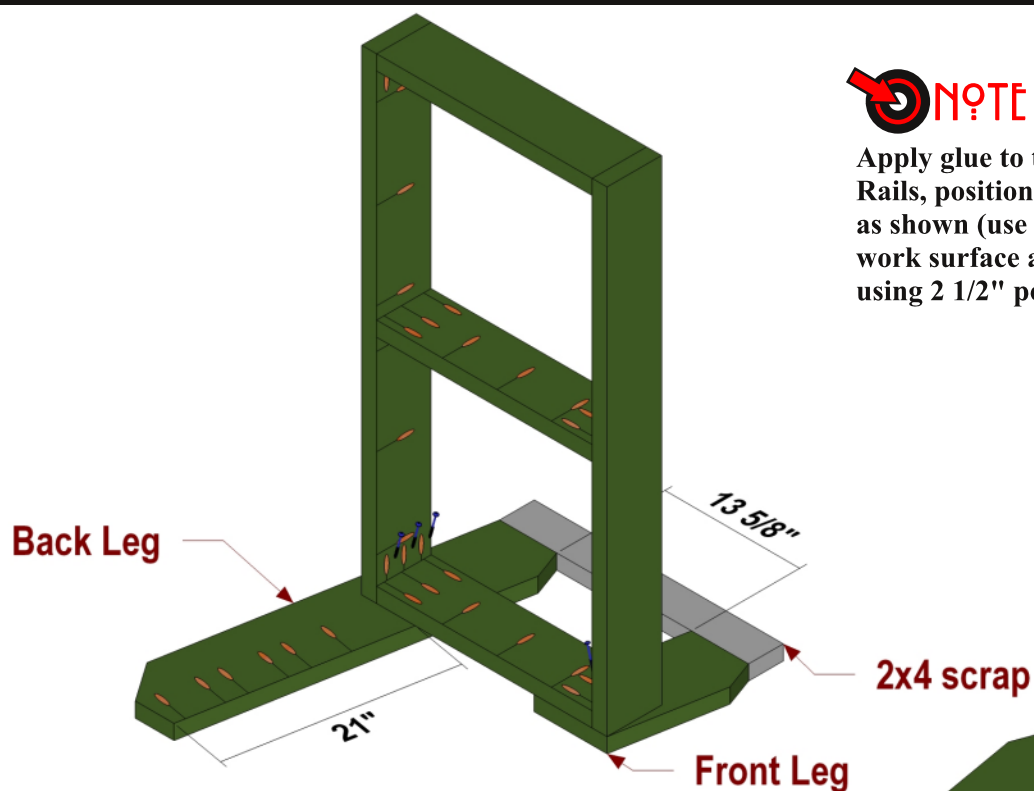
Back Legs



Use the layout for creating the Back Legs. **Set your Kreg Jig and drill bit for 1 1/2" stock for the pocket holes.**

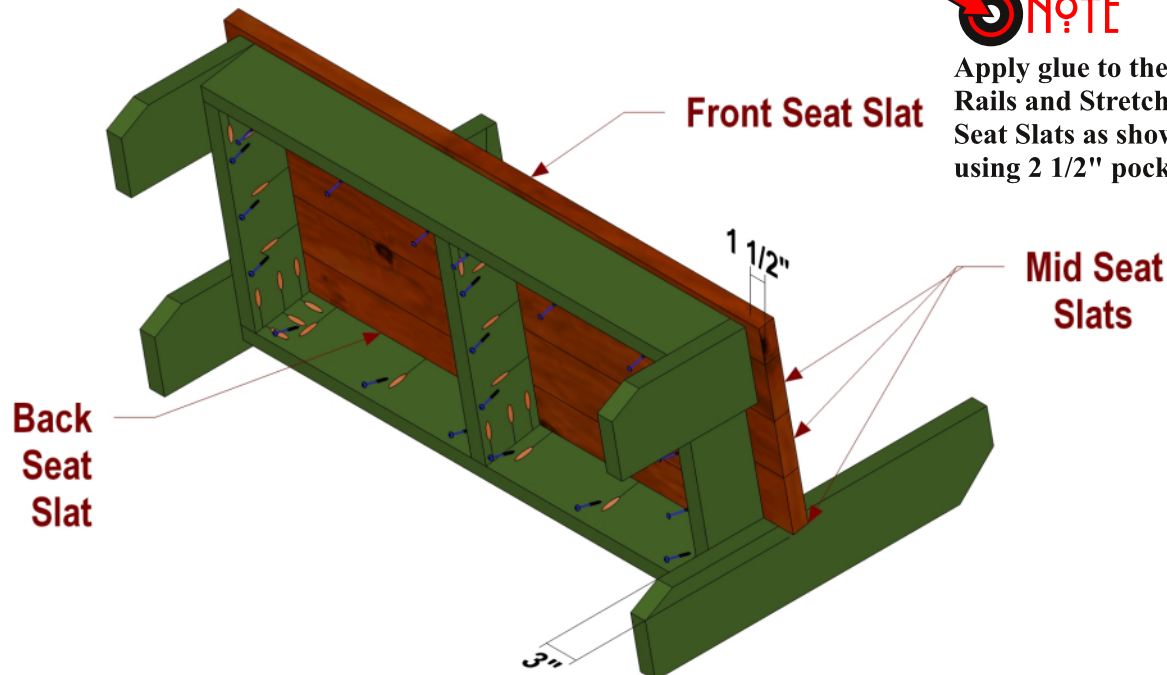


NOTE
Apply glue to the ends of the Side Rails, position the assembly and Legs as shown (use 2x4 scrap clamped to a work surface as a guide), and attach using 2 1/2" pocket hole screws.

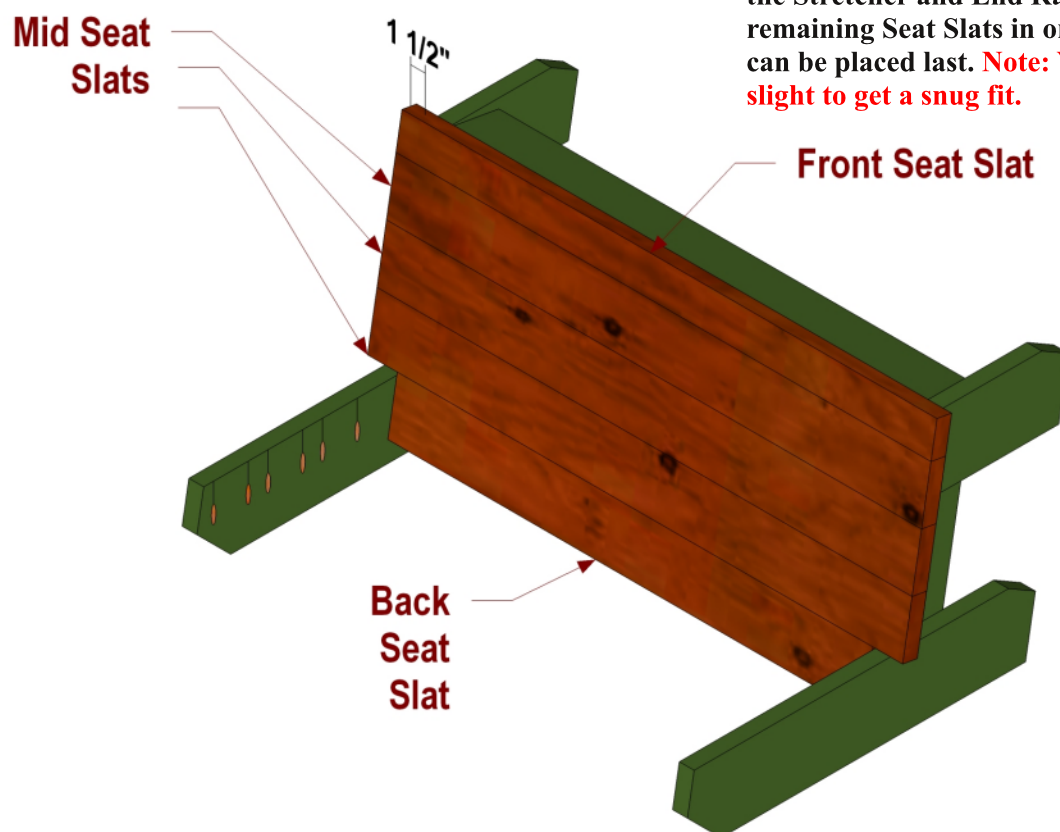


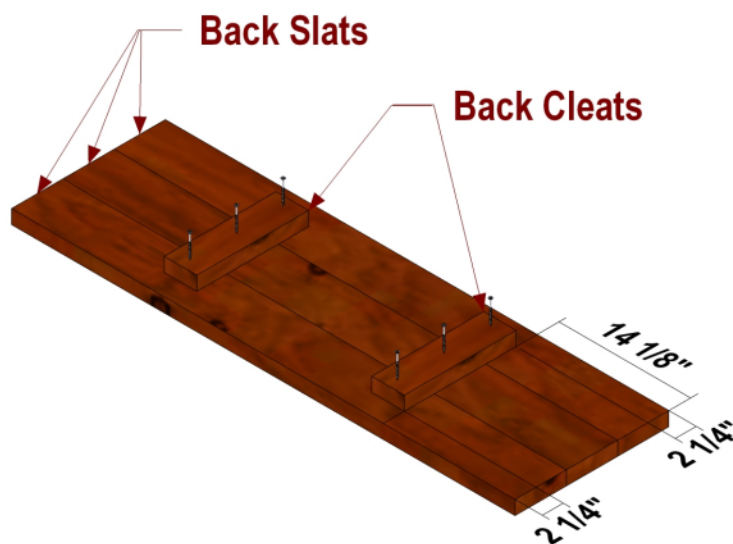


Apply glue to the top edges of the Rails and Stretcher, position the Seat Slats as shown, and attach using 2 1/2" pocket hole screws.



Position the first Mid Seat Slat against the Back Legs, attach it from underneath (screws through the Stretcher and End Rails), then position the remaining Seat Slats in order. The Back Seat Slat can be placed last. **Note: You may have to trim it slight to get a snug fit.**

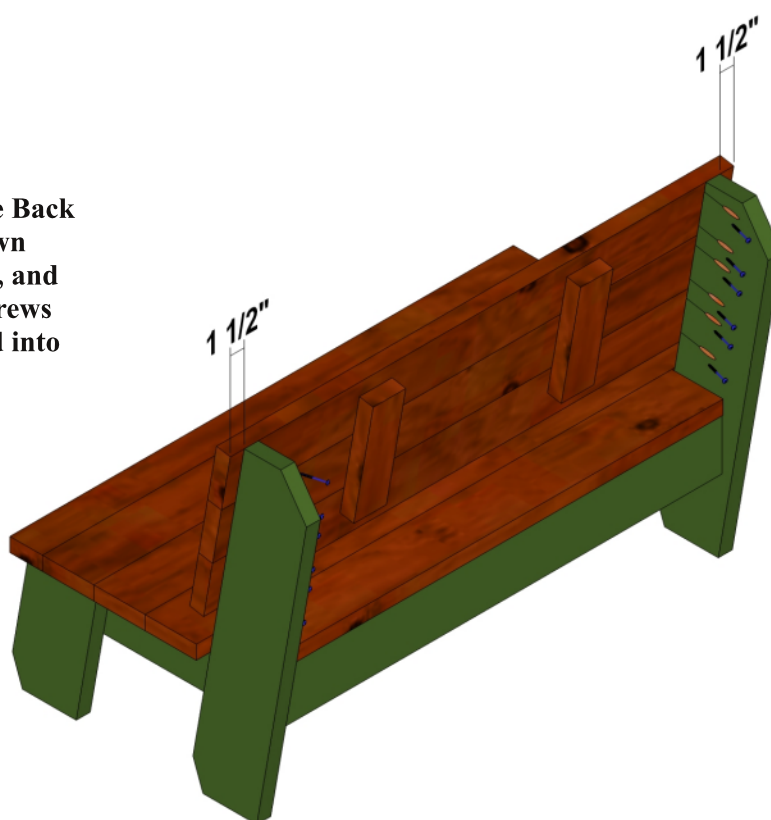




NOTE
Apply glue to one face of the Back Cleats, position as shown on the Back Slats, and attach using 2 1/2" deck screws.

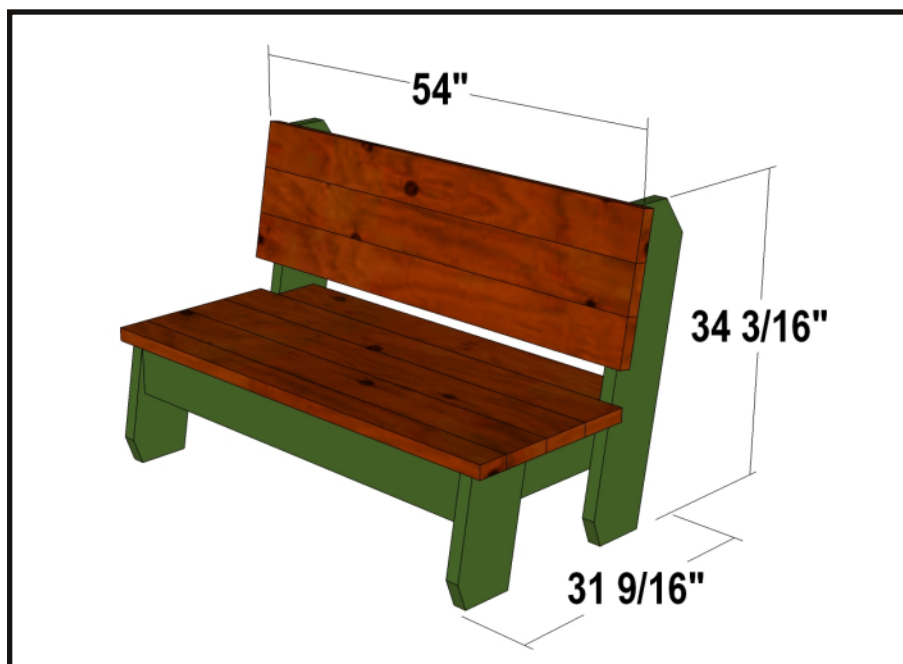
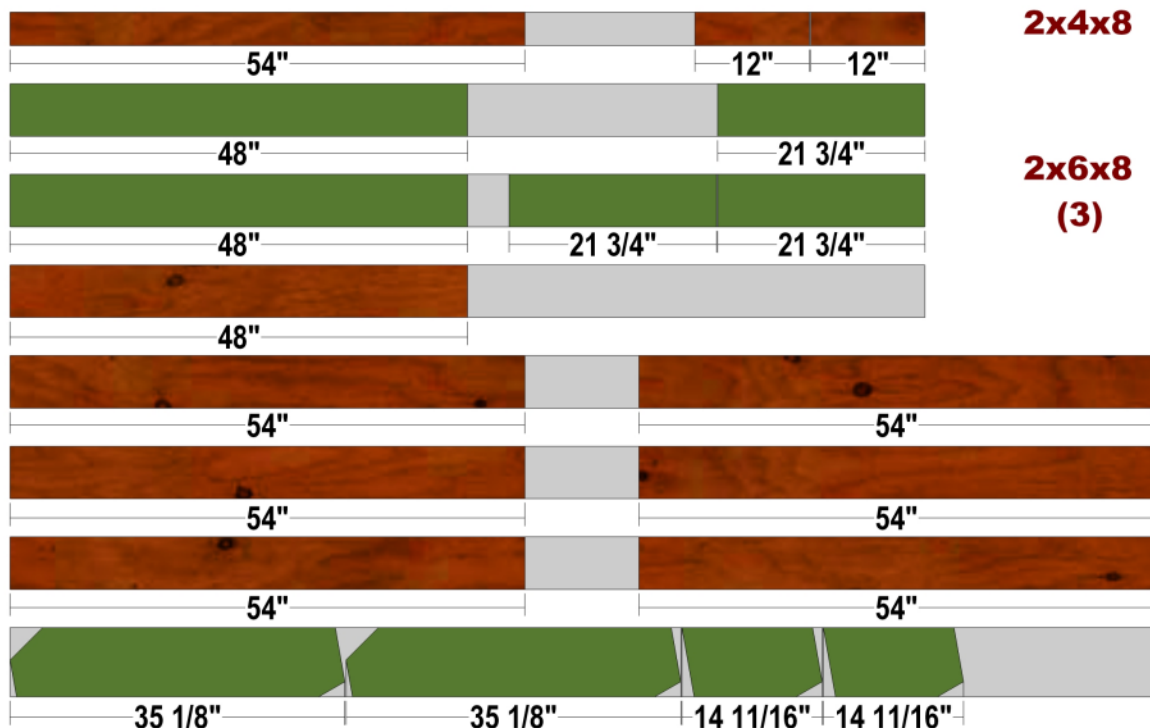


NOTE
Apply glue to the front edge of the Back Legs (cover an area extending down about 16 inches from the top end), and attach using 2 1/2" pocket hole screws driven through the Back Legs and into the Back Slats.





CUTTING DIAGRAM



Estimated lumber cost:
starting at \$55 for one

PARTS

side rails (2) - 1 1/2 x 5 1/2 x 48
 stretcher (1) - 1 1/2 x 5 1/2 x 21 3/4
 end rails (2) - 1 1/2 x 5 1/2 x 21 3/4
 back legs (2) - 1 1/2 x 7 1/4 x 35 3/16
 front legs (2) - 1 1/2 x 7 1/4 x 14 11/16
 mid seat slats (2) - 1 1/2 x 5 1/2 x 54
 front seat slat (1) - 1 1/2 x 3 1/2 x 54
 back seat slat (1) - 1 1/2 x 5 1/2 x 48
 back cleats (2) - 1 1/2 x 3 1/2 x 12
 back slats (3) - 1 1/2 x 5 1/2 x 54

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!