

CHIEF'S SHOP PLAN OF THE WEEK

RUSTIC FOYER BENCH



WHAT YOU'LL NEED



LUMBER

5 - 2x4x10

5 - 2x6x8

2 - 2x6x10

(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

jigsaw

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

back legs (2) - 1 1/2 x 5 1/2 x 38
top end rails (2) - 1 1/2 x 3 1/2 x 16
mid end rails (2) - 1 1/2 x 3 1/2 x 16
bottom end rails (2) - 1 1/2 x 3 1/2 x 16
front legs (2) - 1 1/2 x 5 1/2 x 26
arms (2) - 1 1/2 x 5 1/2 x 27 1/2
arm supports (2) - 1 1/2 x 3 1/2 x 25
seat stretcher (1) - 1 1/2 x 3 1/2 x 17 3/4
side rails (2) - 1 1/2 x 3 1/2 x 48
bottom stretcher (1) - 1 1/2 x 3 1/2 x 48
front seat slat (1) - 1 1/2 x 5 1/2 x 52
seat slats (2) - 1 1/2 x 5 1/2 x 52
back seat slat (1) - 1 1/2 x 5 1/2 x 48
angled seat slat (1) - 1 1/2 x 3 1/2 x 52
back slats (4) - 1 1/2 x 3 1/2 x 48

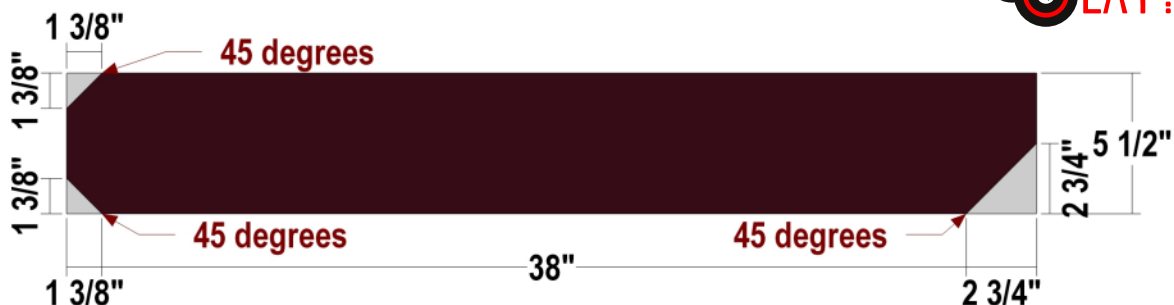
All parts are listed in actual dimensions. Refer to the Cutting Diagram on the last page of this plan as a guide for determining the specific board from which to cut the parts.

VIDEO

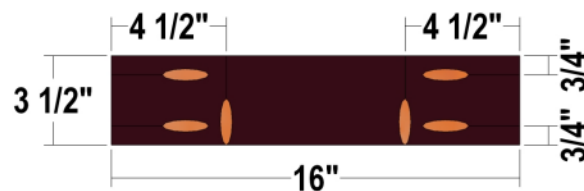
Check out Chief's Shop Videos on YouTube. ([click here](#))

RUSTIC FOYER BENCH

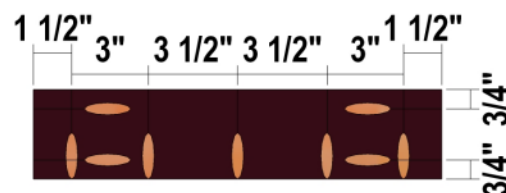
Back Leg



Top End Rail



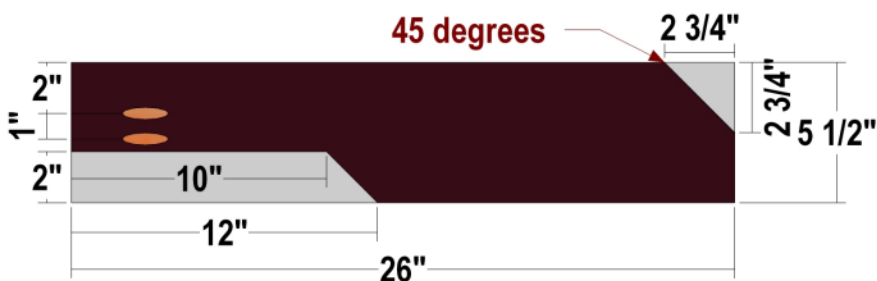
Mid End Rail



Bottom End Rail



Front Legs

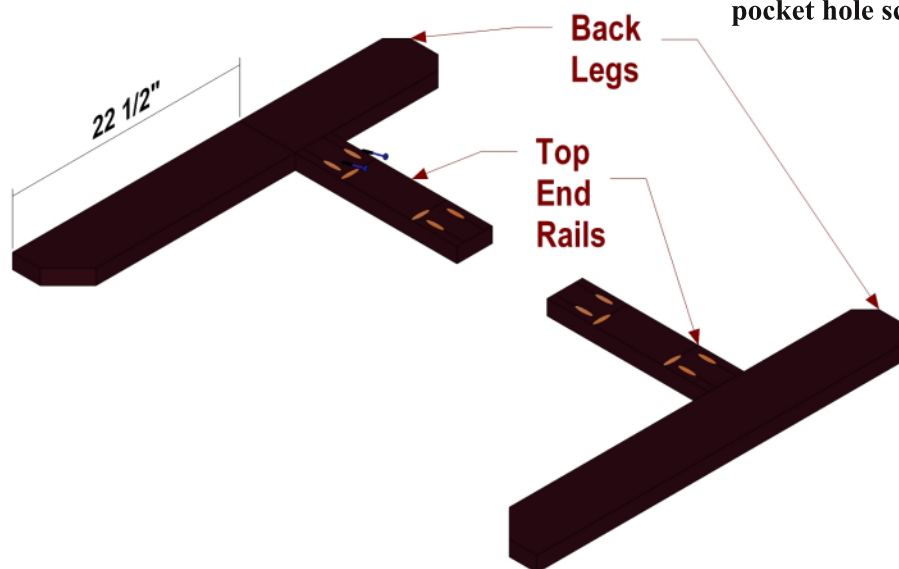


Use the layouts for creating the Back Legs, Top End Rails, Mid End Rails, Bottom End Rails, and Front Legs. Set your Kreg Jig and drill bit for 1 1/2" stock for the pocket holes. Use a jigsaw to cut out the pattern on the Front Legs.

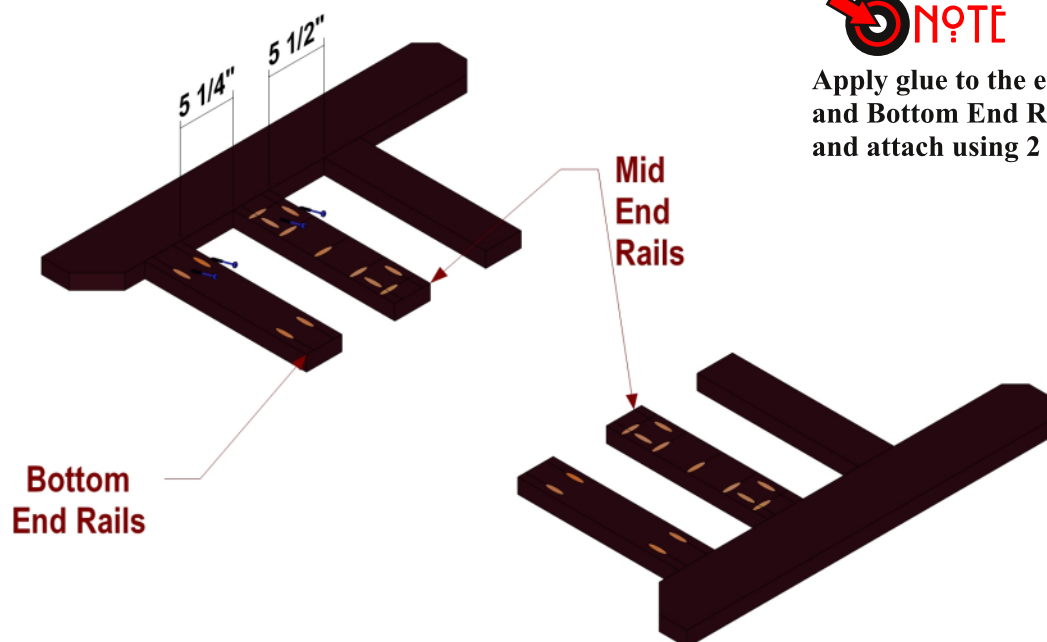
RUSTIC FOYER BENCH



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

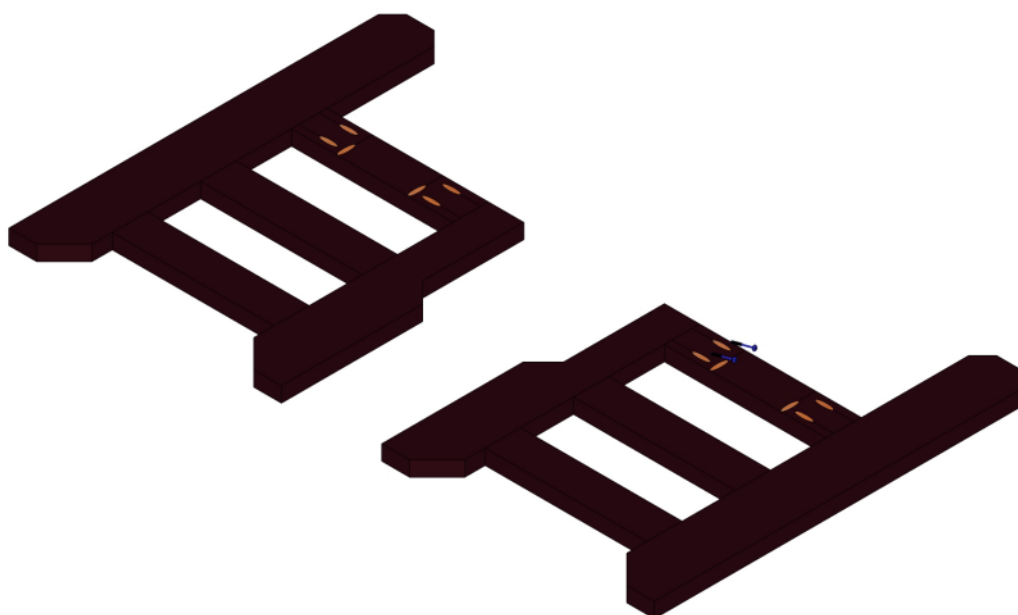
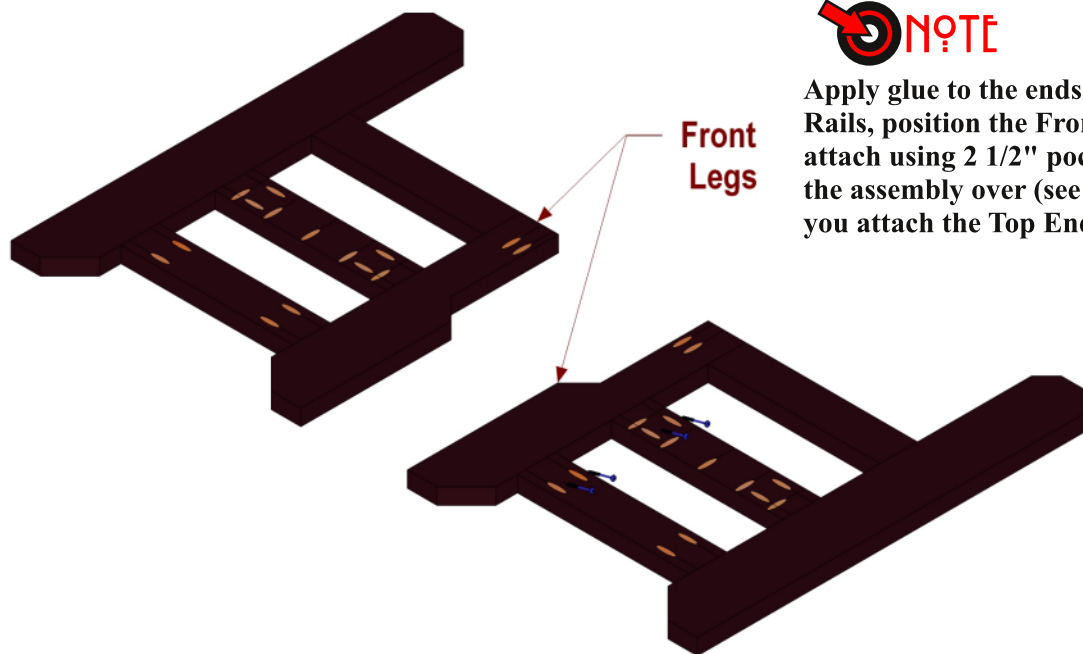


Apply glue to the ends of the Mid End Rails and Bottom End Rails, position as shown, and attach using 2 1/2" pocket hole screws.



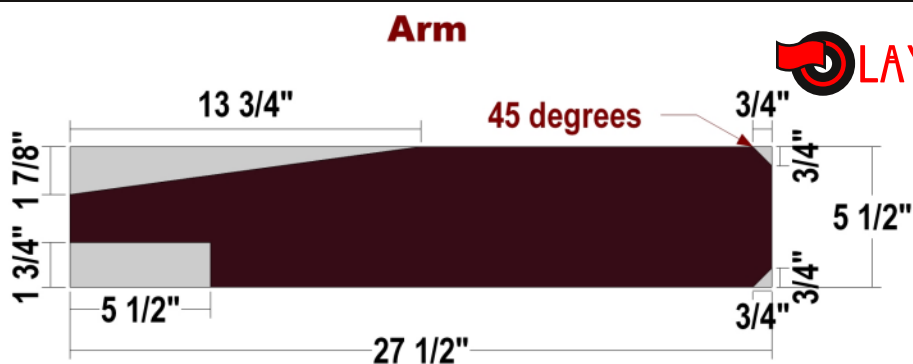


Apply glue to the ends of the all the End Rails, position the Front Legs as shown, and attach using 2 1/2" pocket hole screws. Flip the assembly over (see below) to make sure you attach the Top End Rails as well.

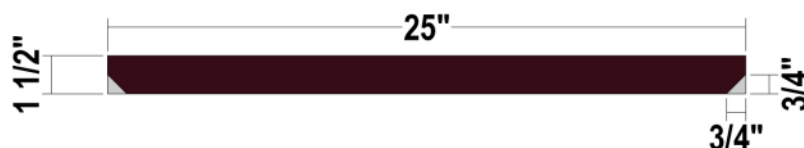




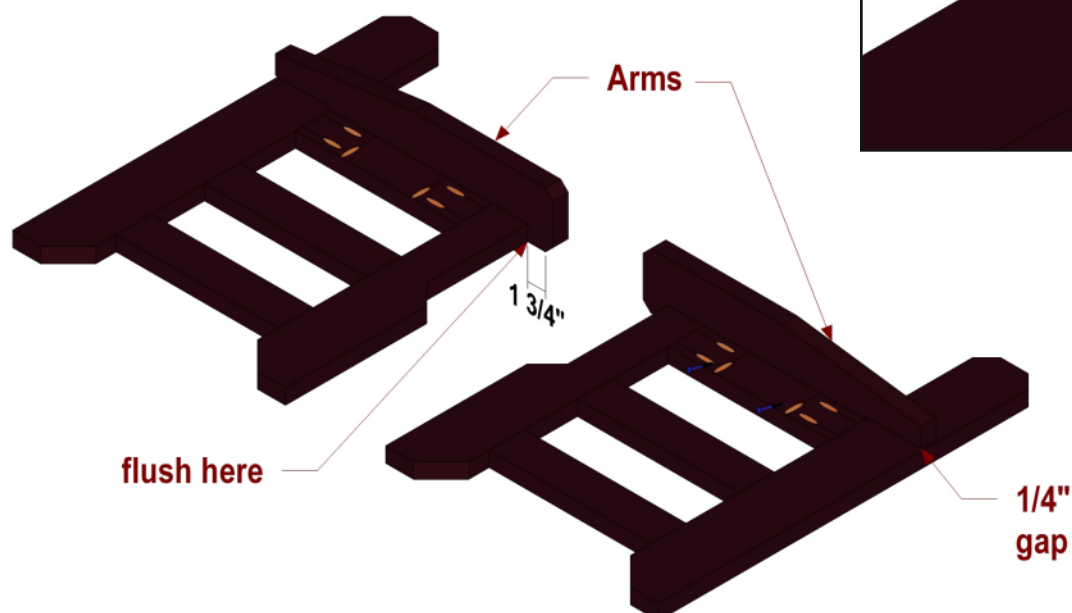
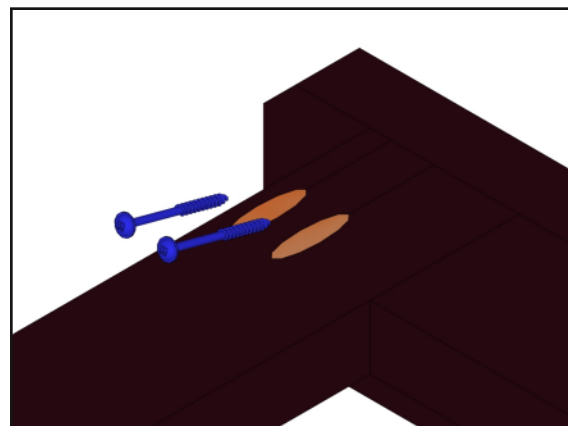
Use the layouts for creating the Arms and Arm Supports. Use a jigsaw to cut the taper and notch on the Arms. Use a miter saw to cut the bevel on the Arm Support (the view at right is an edge view.



Arm Support



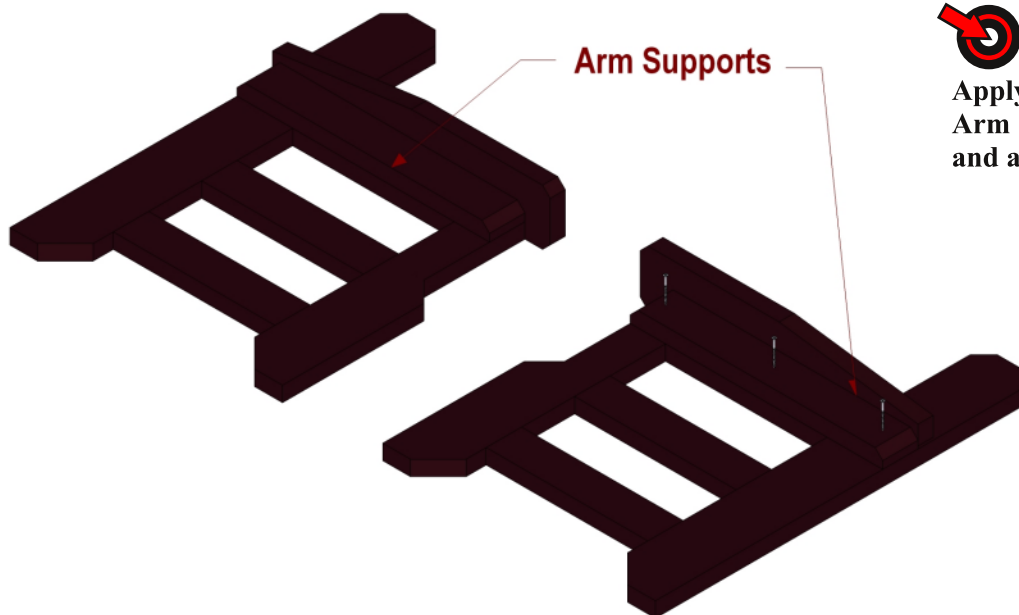
Apply glue to the top end of the Front Legs and top edge of the Top End Rails, position the Arms as shown, and attach using 2 1/2" pocket hole screws. Drive screws through the Top End Rails and Front Legs (inset photo) as well.



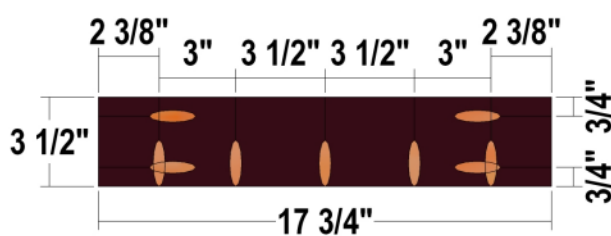
RUSTIC Foyer Bench



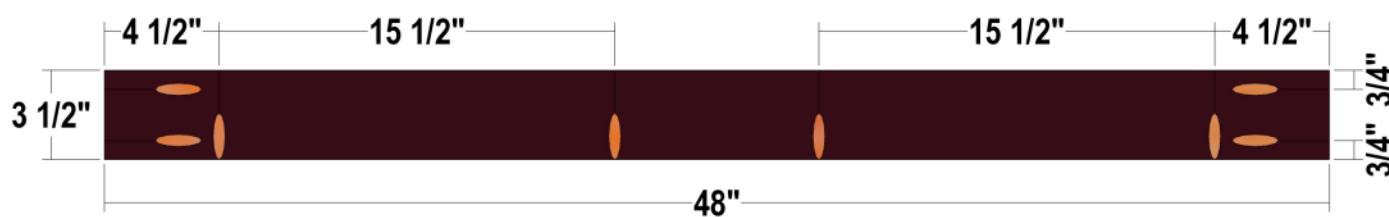
Apply glue to the flat face of the Arm Supports, position as shown, and attach using 2 1/2" deck screws.



Seat Stretcher



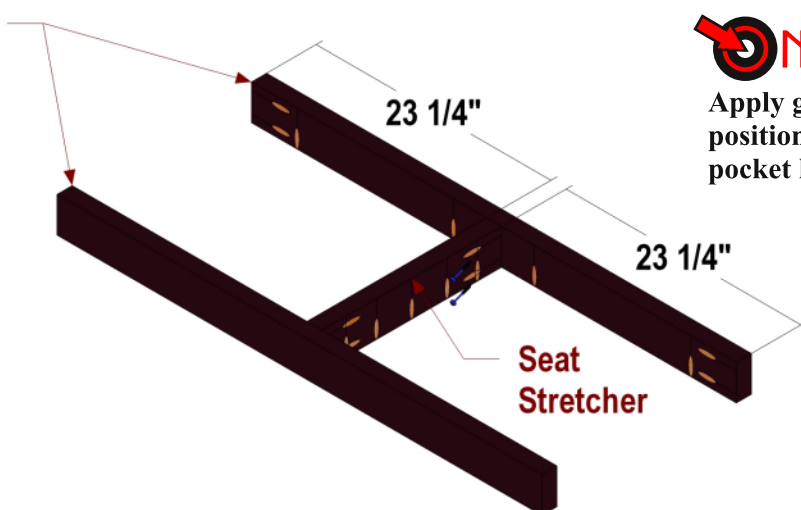
Side Rail



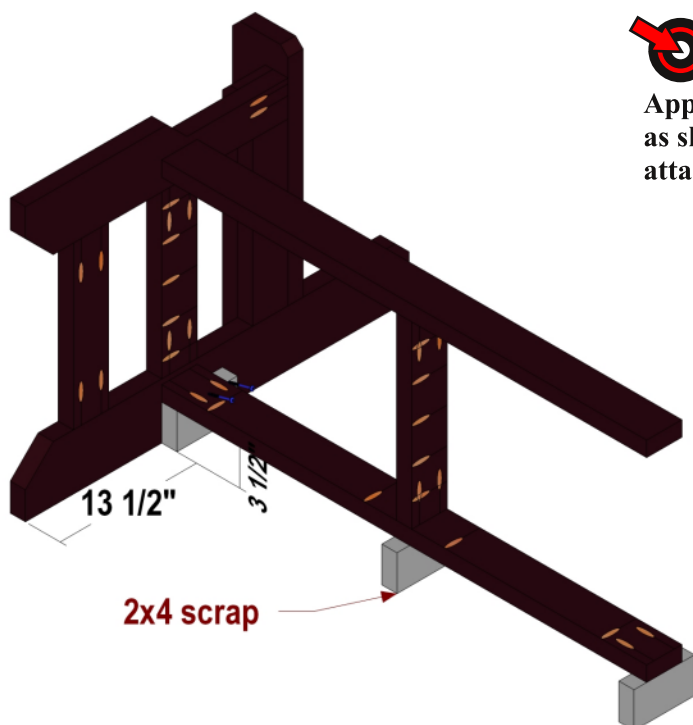
Use the layouts for creating the Seat Stretcher and Side Rails. **Set your Kreg Jig and drill bit for 1 1/2" stock for the pocket holes.**

RUSTIC FOYER BENCH

Side
Rails

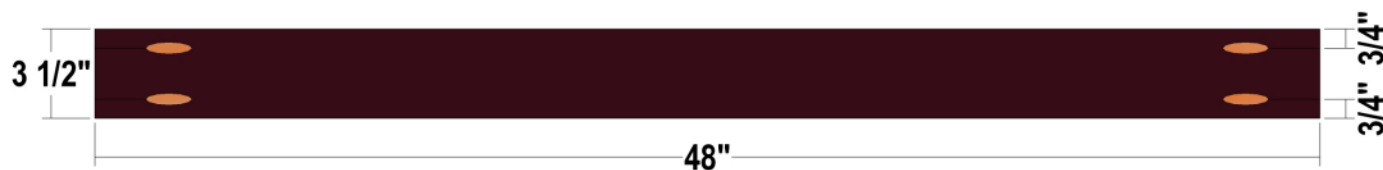


NOTE
Apply glue to the of the Seat Stretcher, position as shown, and attach using 2 1/2" pocket hole screws.



NOTE
Apply glue to ends of the Side Rails, position as shown using 2x4 scrap as spacers, and attach using 2 1/2" pocket hole screws.

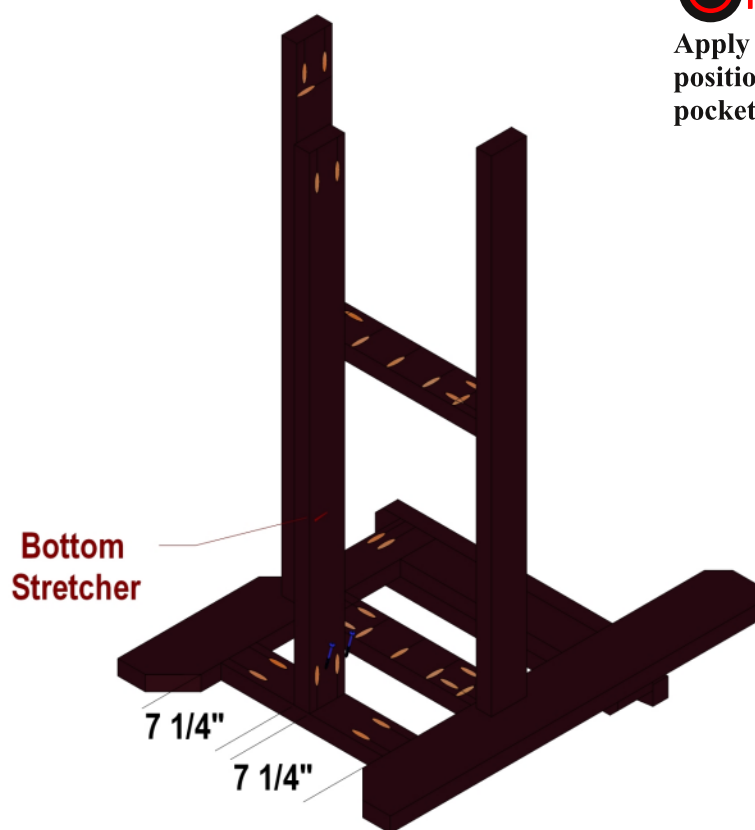
Bottom Stretcher



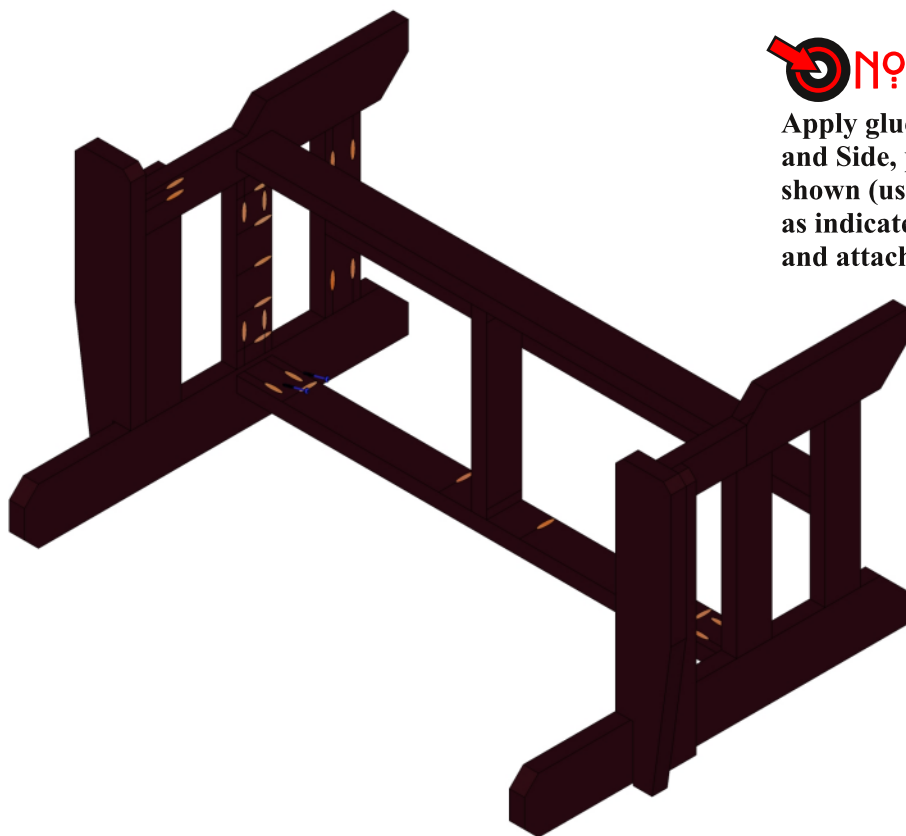
Use the layout for creating the Bottom Stretcher. Set your Kreg Jig and drill bit for 1 1/2" stock for the pocket holes.



Apply glue to end of the Bottom Stretcher, position as shown, and attach using 2 1/2" pocket hole screws.



RUSTIC FOYER BENCH

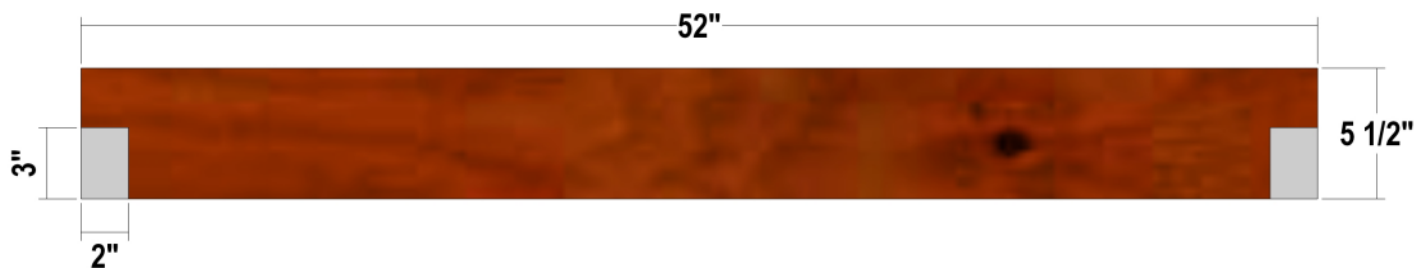


NOTE

Apply glue to ends of the Bottom Stretcher and Side, position the other Leg Assembly as shown (using the spacing and dimensions as indicated on the previous two pages), and attach using 2 1/2" pocket hole screws.

LAYOUT

Front Seat Slat



NOTE

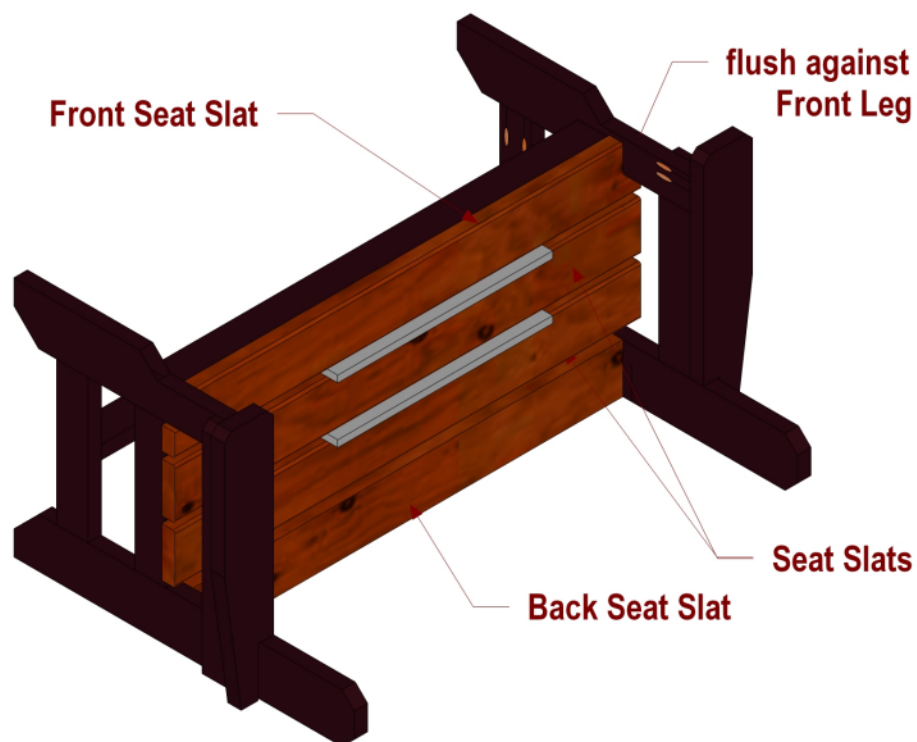
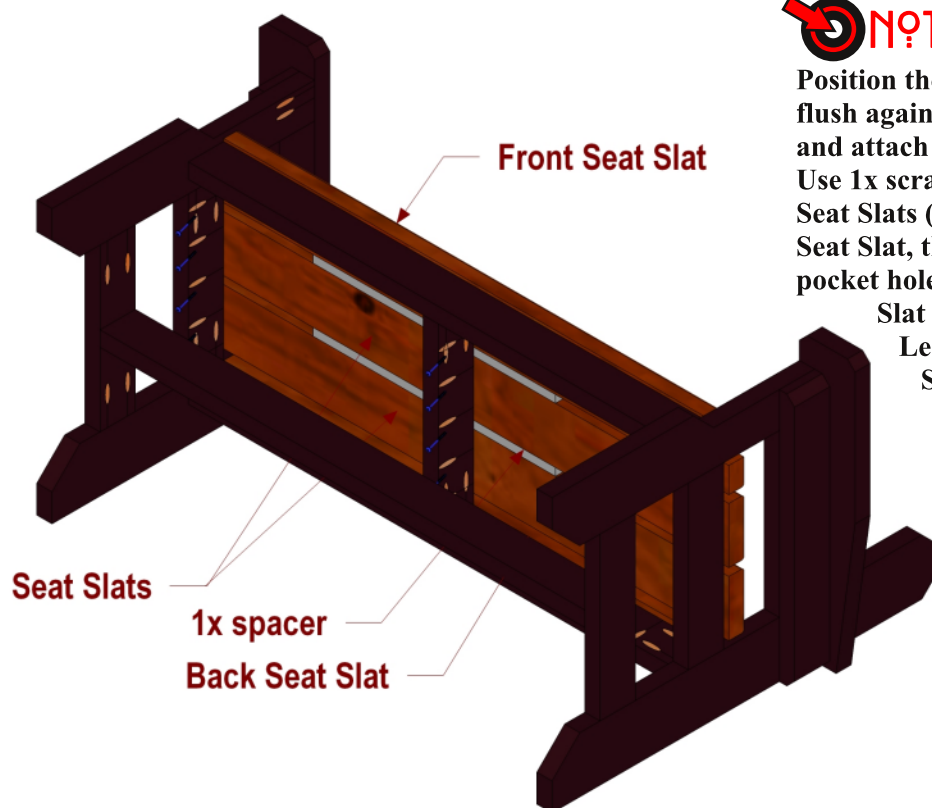
Use the layout for creating the Front Seat Slat. **Use a jigsaw to cut the notches.**

RUSTIC Foyer Bench

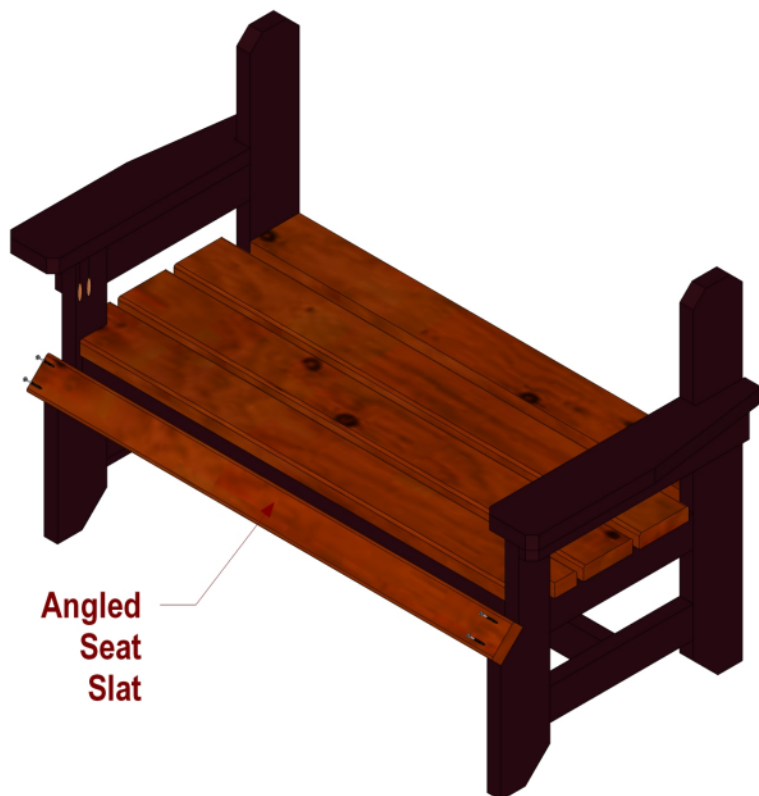


NOTE

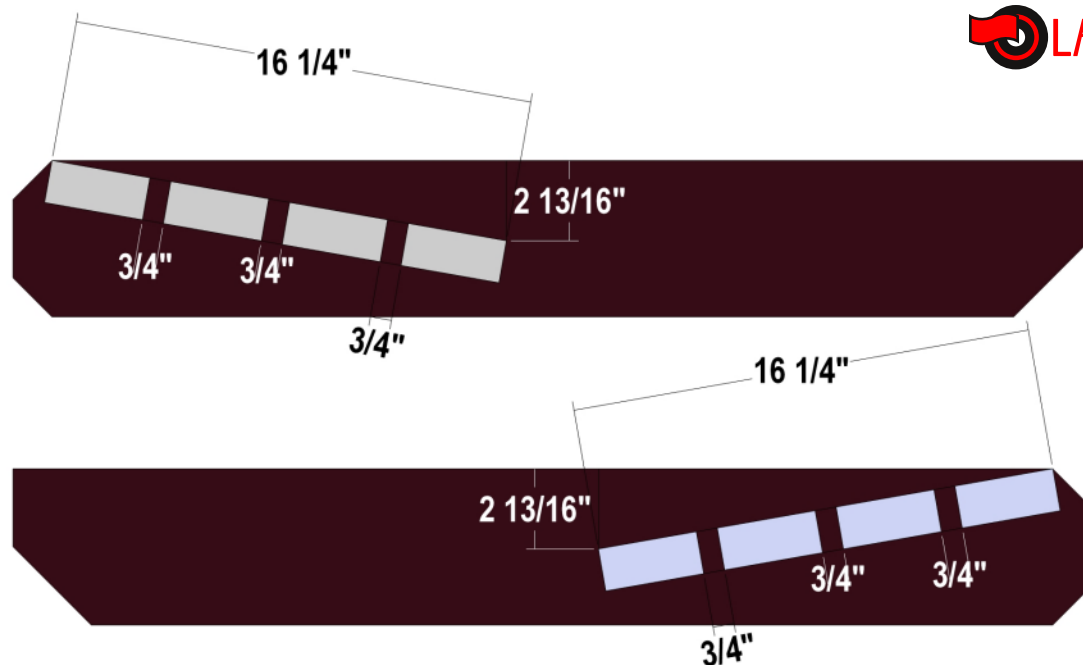
Position the Front Seat Slat with the notch flush against the Front Legs, clamp in place and attach using 2 1/2" pocket hole screws. Use 1x scrap as a spacer to position the two Seat Slats (keep the ends flush with the Front Seat Slat, then attach them using 2 1/2" pocket hole screws. Position the Back Seat Slat flush with the edges of the Back Legs (and flush against the back Side Rail, and attach using 2 1/2" pocket hole screws. Be sure to drive screws through both Side Rails, both Mid End Rails, and the Seat Stretcher.



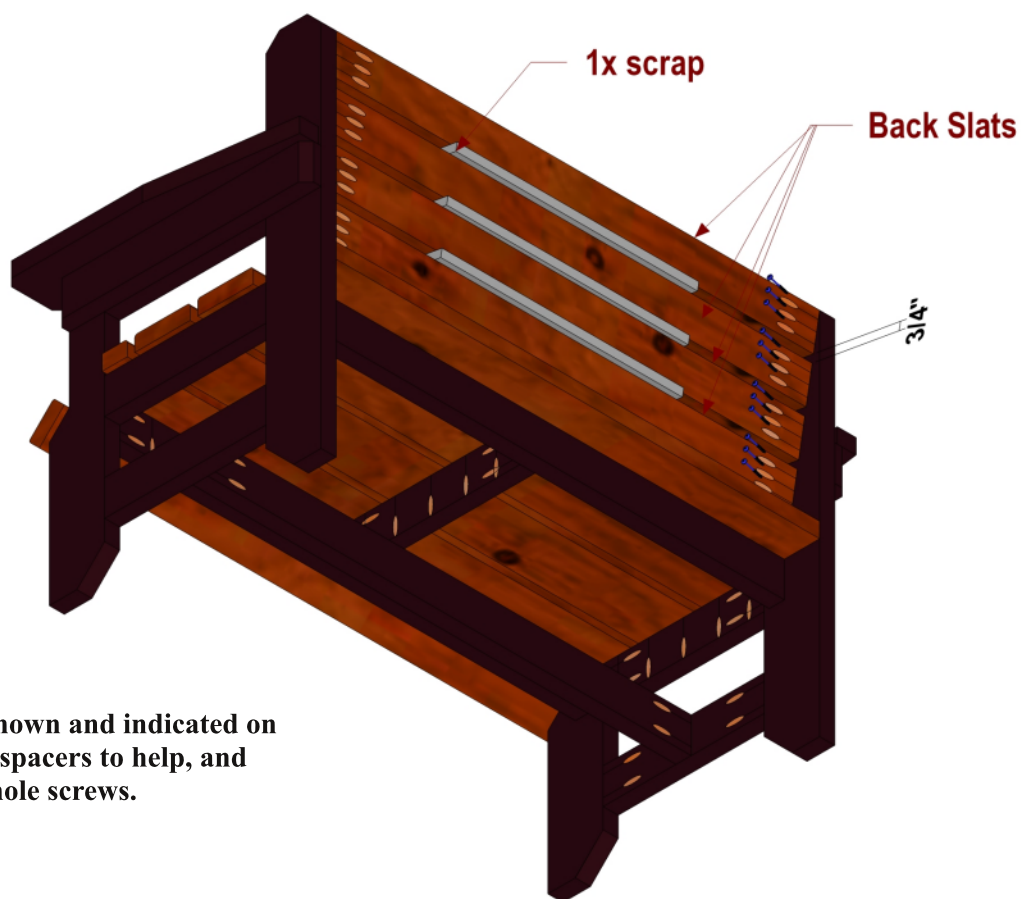
RUSTIC Foyer Bench



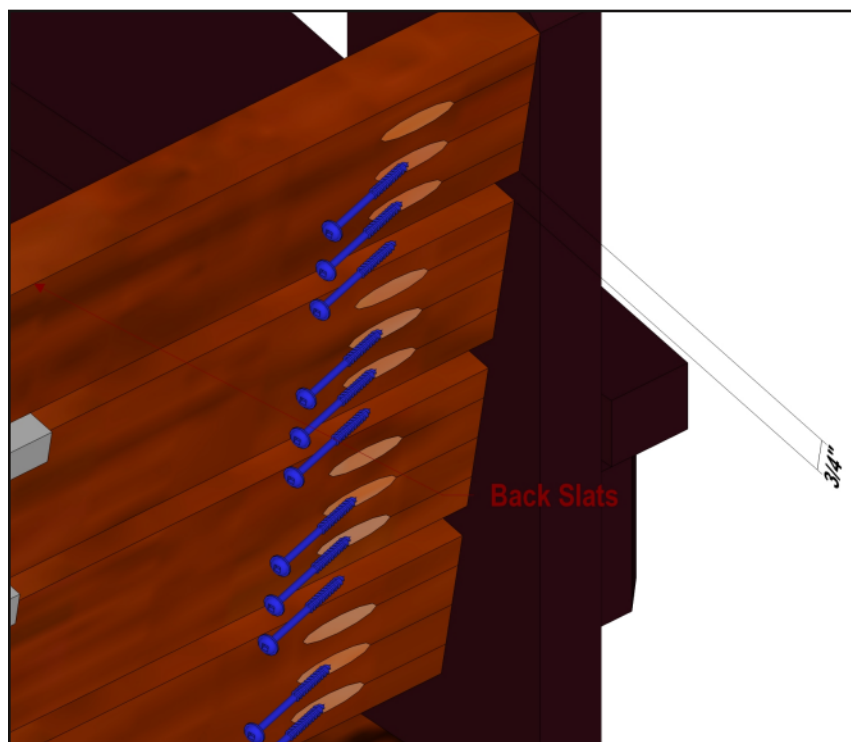
Position the Angled Seat Slat as shown (keep the ends flush with the ends of the Seat Slats), and attach to the Front Legs using 2 1/2" deck screws.



Use the layout for positioning the Back Slats for the next step. The angle of the line is 10 degrees.

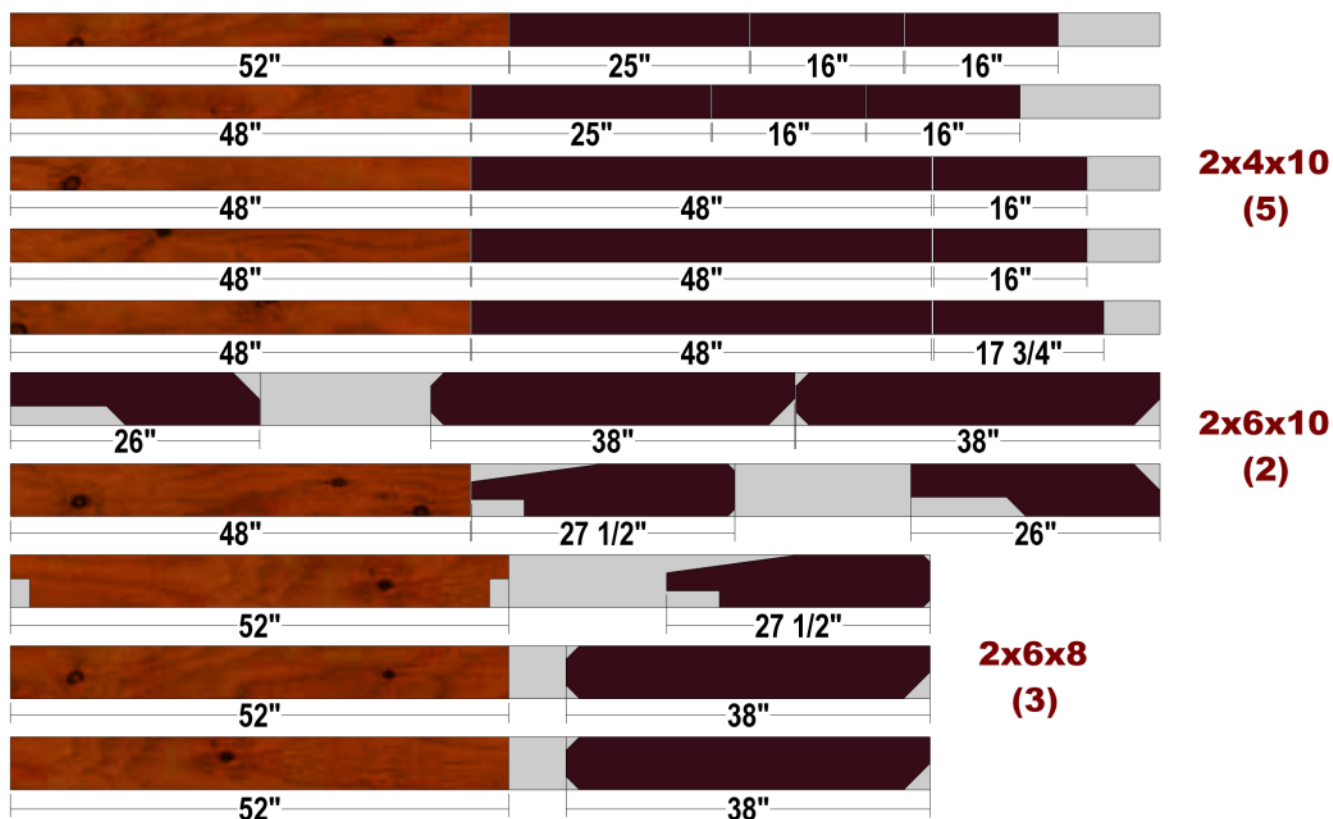


NOTE
Position the Back Slats as shown and indicated on the previous page, using 1x spacers to help, and attach using 2 1/2" pocket hole screws.

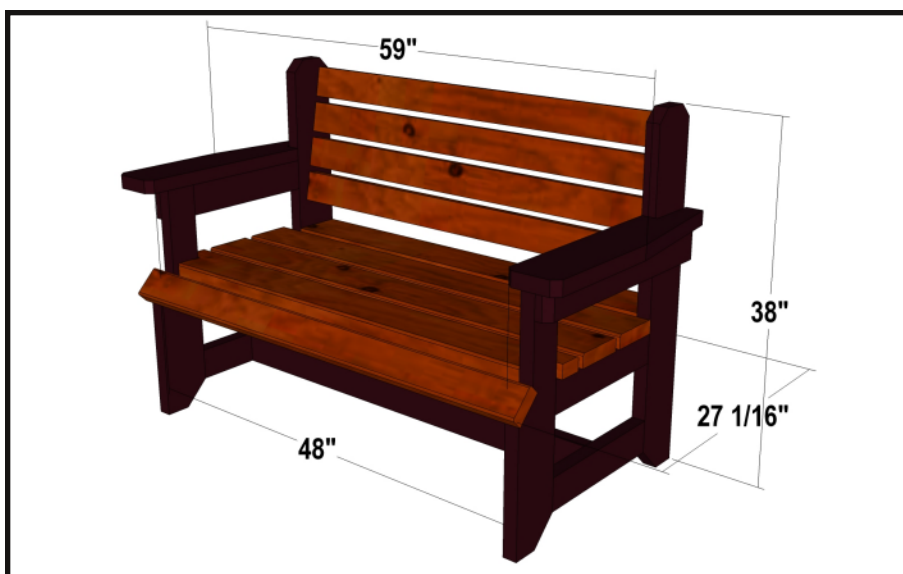




CUTTING DIAGRAM



Estimated lumber cost:
starting at \$50 for one



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!



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