



WHAT YOU'LL NEED



LUMBER

2 - 2 x 4 x 8
1 - 2 x 12 x 8
(availability will vary)

HARDWARE/SUPPLIES

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

TOOLS

circular saw
miter saw
drill/driver
Kreg pocket hole jig
& drill bit
clamps

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.

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.

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.



PARTS

Ends (2) - 1 1/2 x 3 1/2 x 9 1/4
Seat (1) - 1 1/2 x 11 1/4 x 59
Legs (2) - 1 1/2 x 3 1/2 x 17 1/2
Rails (2) - 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.

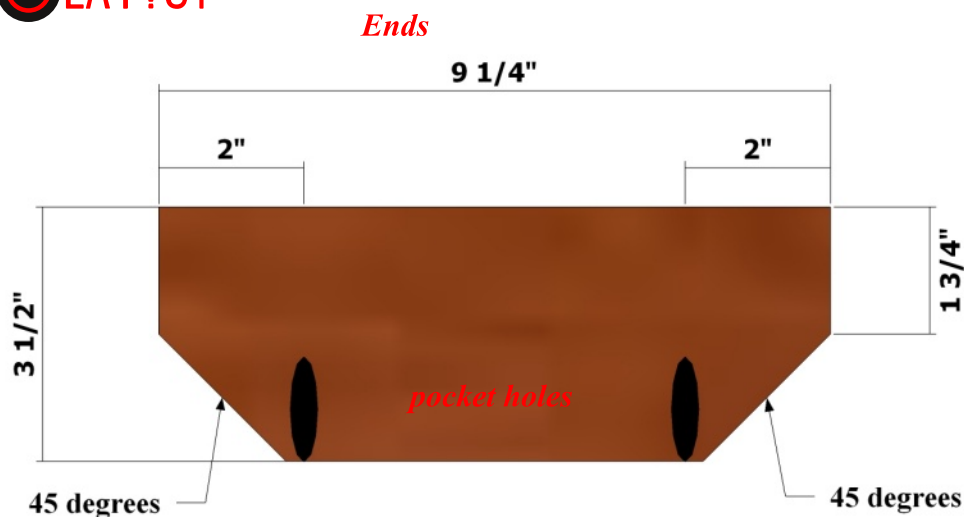


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LAYOUT



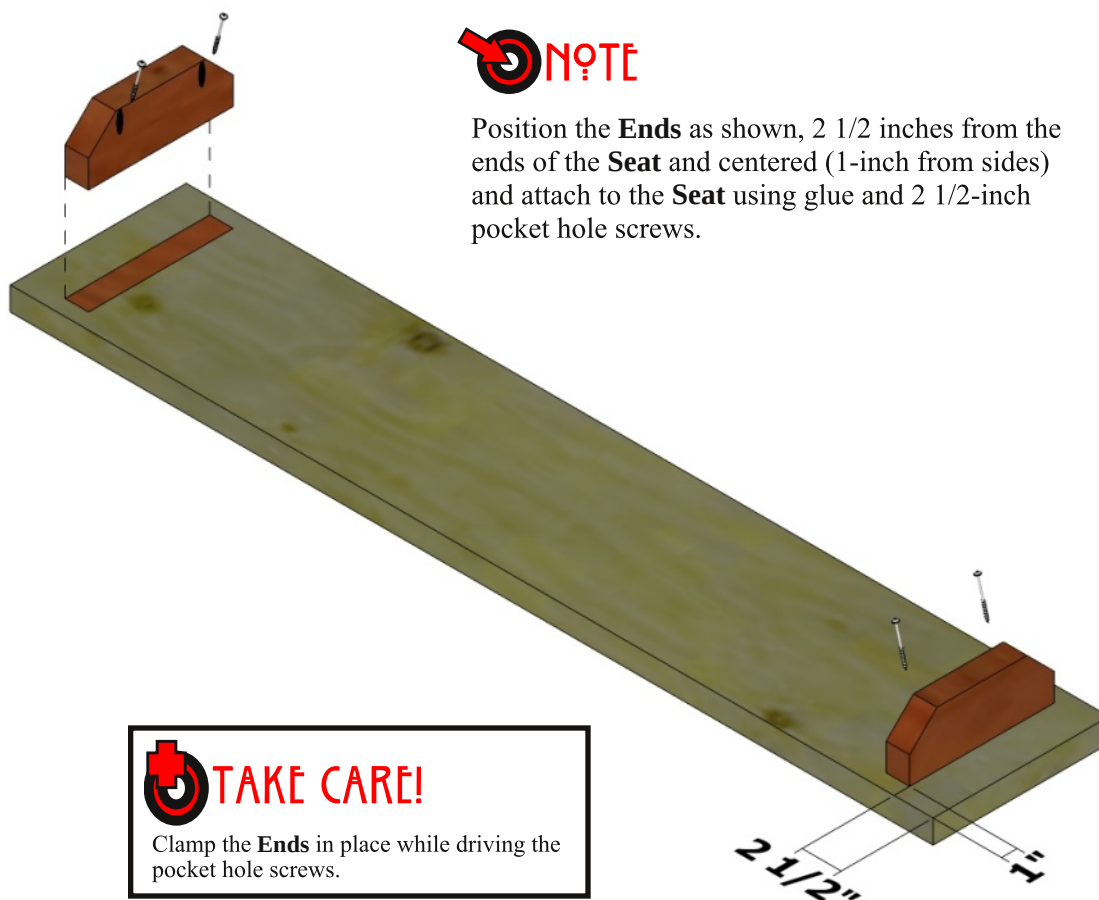
NOTE

Use the layout for measuring, marking, cutting, and drilling pocket holes as shown on the **Ends**. Be sure to set your pocket hole jig and drill bit for 1 1/2-inch stock.



NOTE

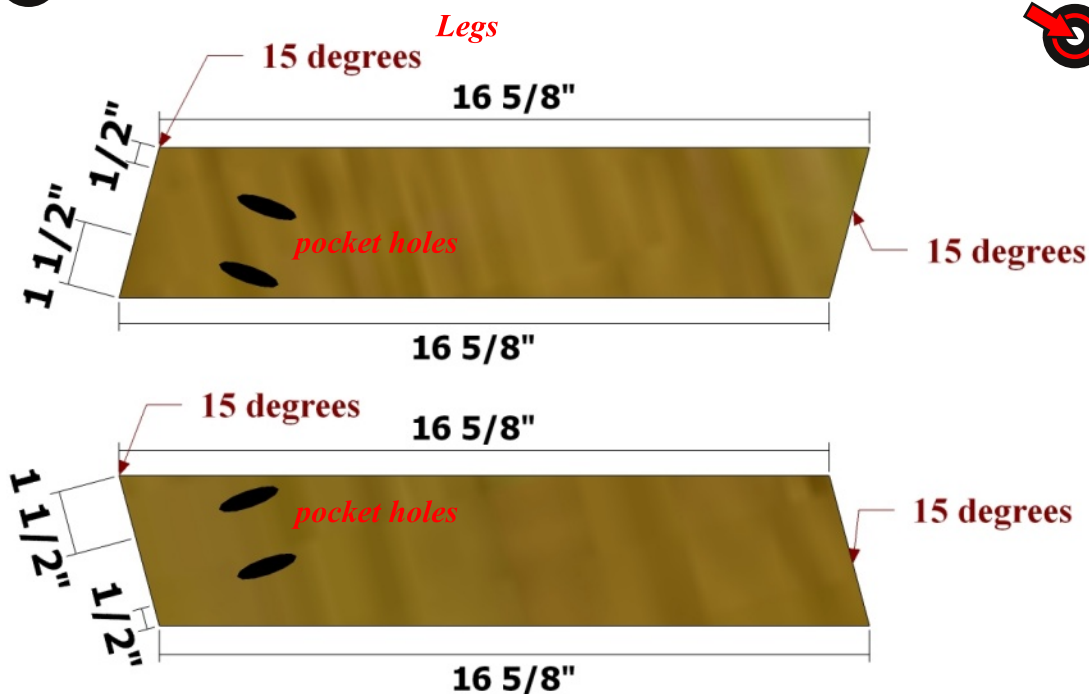
Position the **Ends** as shown, 2 1/2 inches from the ends of the **Seat** and centered (1-inch from sides) and attach to the **Seat** using glue and 2 1/2-inch pocket hole screws.



TAKE CARE!

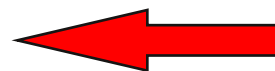
Clamp the **Ends** in place while driving the pocket hole screws.

LAYOUT



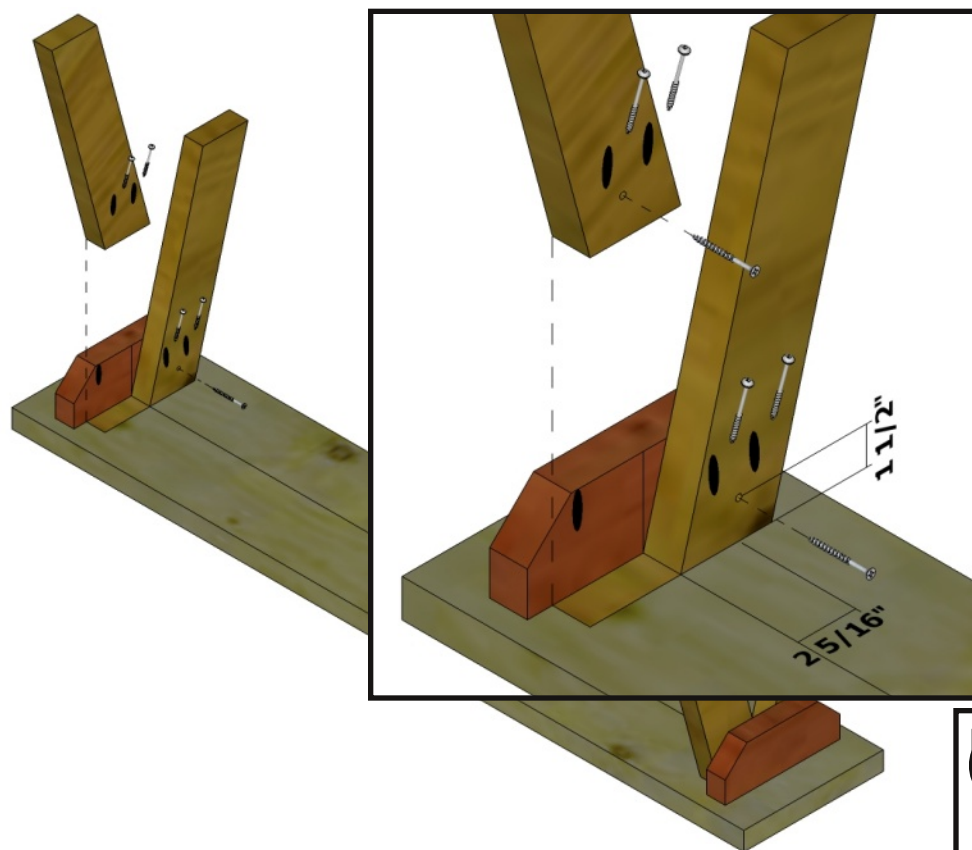
NOTE

Use the layout for measuring, marking, cutting, and drilling pocket holes in the **Legs**. (Be sure to set your pocket hole jig and drill bit for 1 1/2-inch stock.) Create two of each seen here.



NOTE

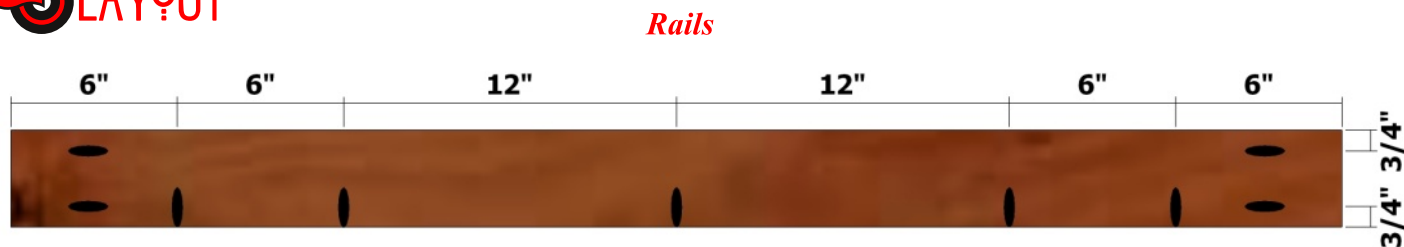
Scribe a center line along the **Seat** and **Ends** as shown. Position the **Legs** flush against the **Ends** and the center line. Attach to the **Seat** using glue and 2 1/2-inch pocket hole screws and to the **Ends** using 2 1/2-inch deck screws.



TAKE CARE!

Clamp the **Legs** to the **Ends** before driving the screws. Drill countersunk pilot holes for the deck screws.

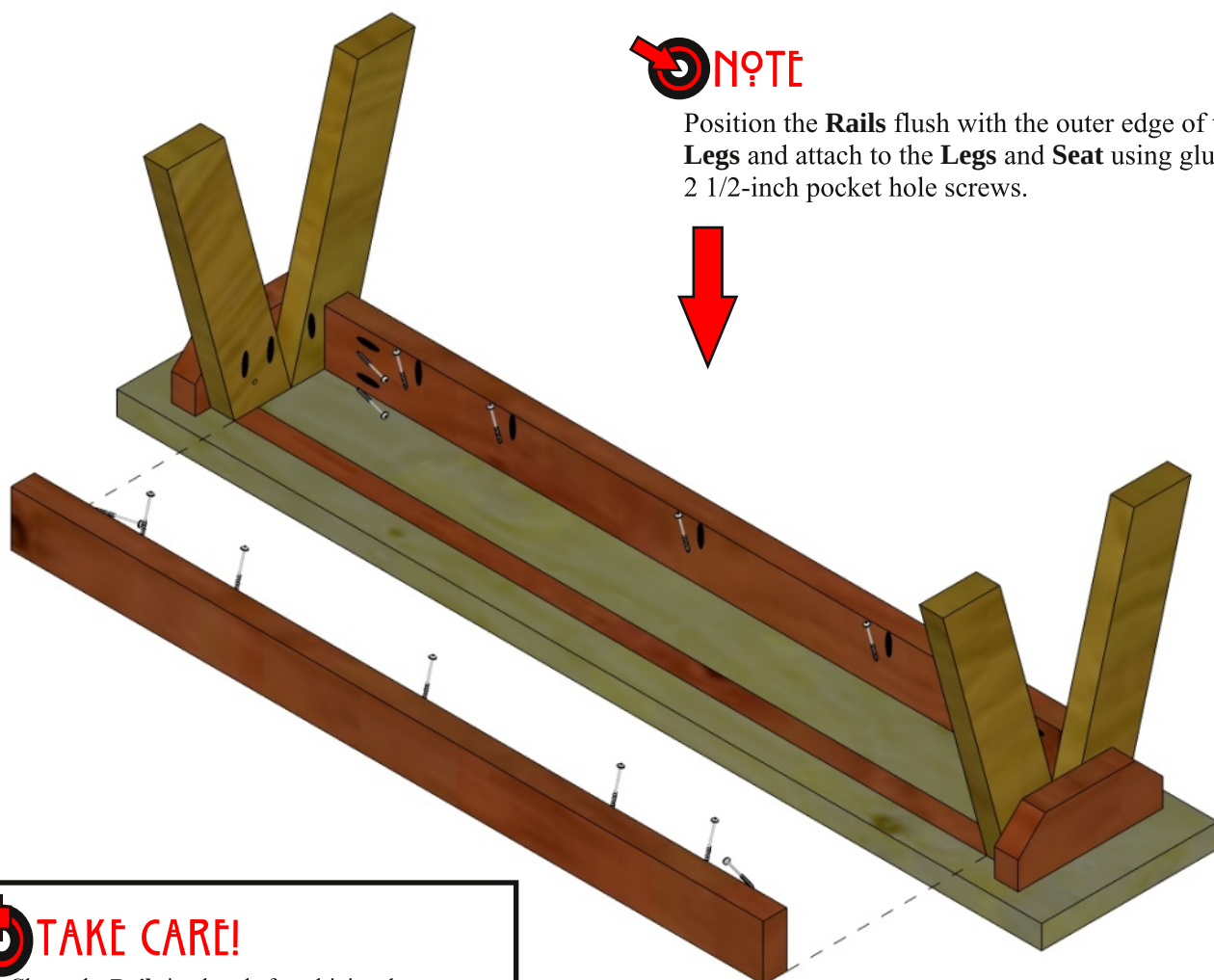
LAYOUT



NOTE Use the layout for measuring, marking, cutting, and drilling pocket holes in the **Rails**.
(Be sure to set your pocket hole jig and drill bit for 1 1/2-inch stock.)

NOTE

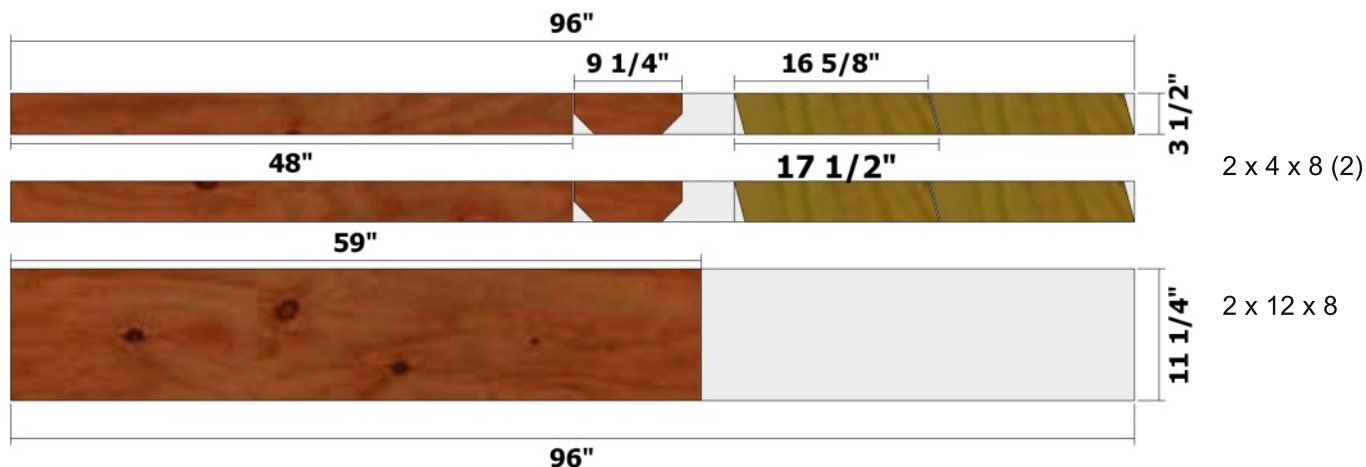
Position the **Rails** flush with the outer edge of the **Legs** and attach to the **Legs** and **Seat** using glue and 2 1/2-inch pocket hole screws.



TAKE CARE!

Clamp the **Rails** in place before driving the screws.

K CUTTING DIAGRAM



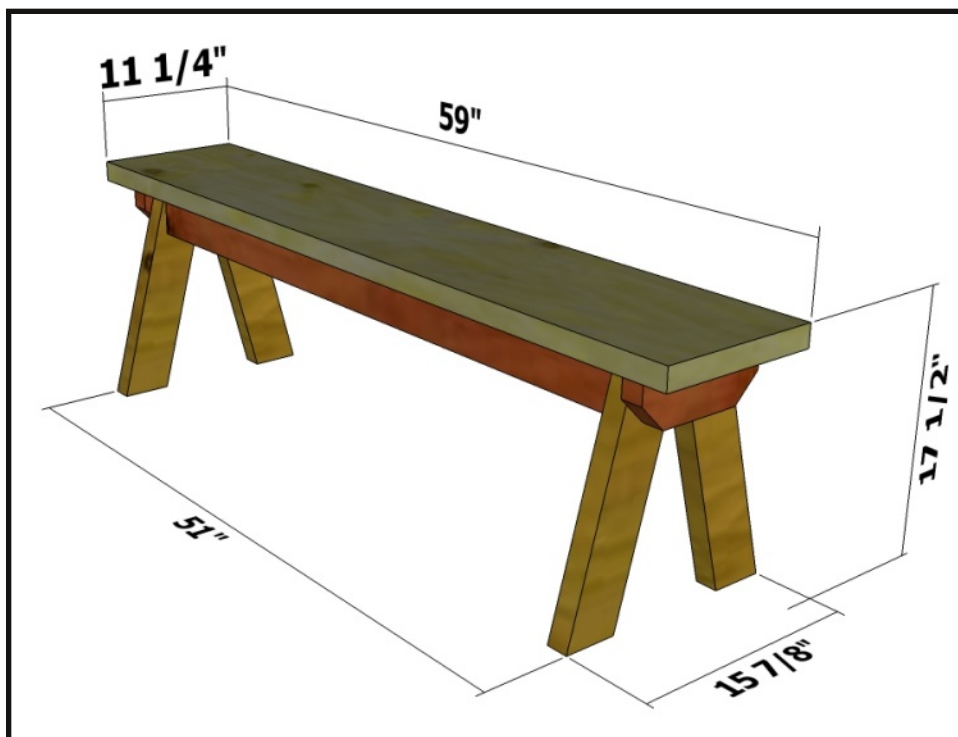
NOTE

For outdoor benches, use treated, redwood, cedar or any other exterior-rated lumber for the Ends, Legs, and Rails. Do not use treated lumber for the seat unless you use a solid exterior stain or paint.

PARTS

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Rails (2) - 1 1/2 x 3 1/2 x 48

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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!