



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.

WHAT YOU'LL NEED



LUMBER

1 - 2 x 4 x 8
4 - 1 x 4 x 10
1 - 1 x 4 x 8

(availability will vary)

HARDWARE/SUPPLIES

1 1/4" pocket hole screws
1 5/8" deck screws
#16 x 1 1/2" brads
wood glue
primer/paint/stain

TOOLS

miter saw, circular saw,
or hand saw
table saw with tapering jig
or jig saw
drill/driver
Kreg jig and drill bit
power sander
pneumatic nailer/hammer
clamps
square

PARTS

End Rails (2) - 3/4 x 3 1/2 x 44 1/2
Side Rails (2) - 3/4 x 3 1/2 x 24
Legs (4) - 1 1/2 x 3 1/2 x 14 1/4
Stretcher (1) - 3/4 x 3 1/2 x 22 1/2
Slats (7) - 3/4 x 3 1/2 x 50

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

Side Rail



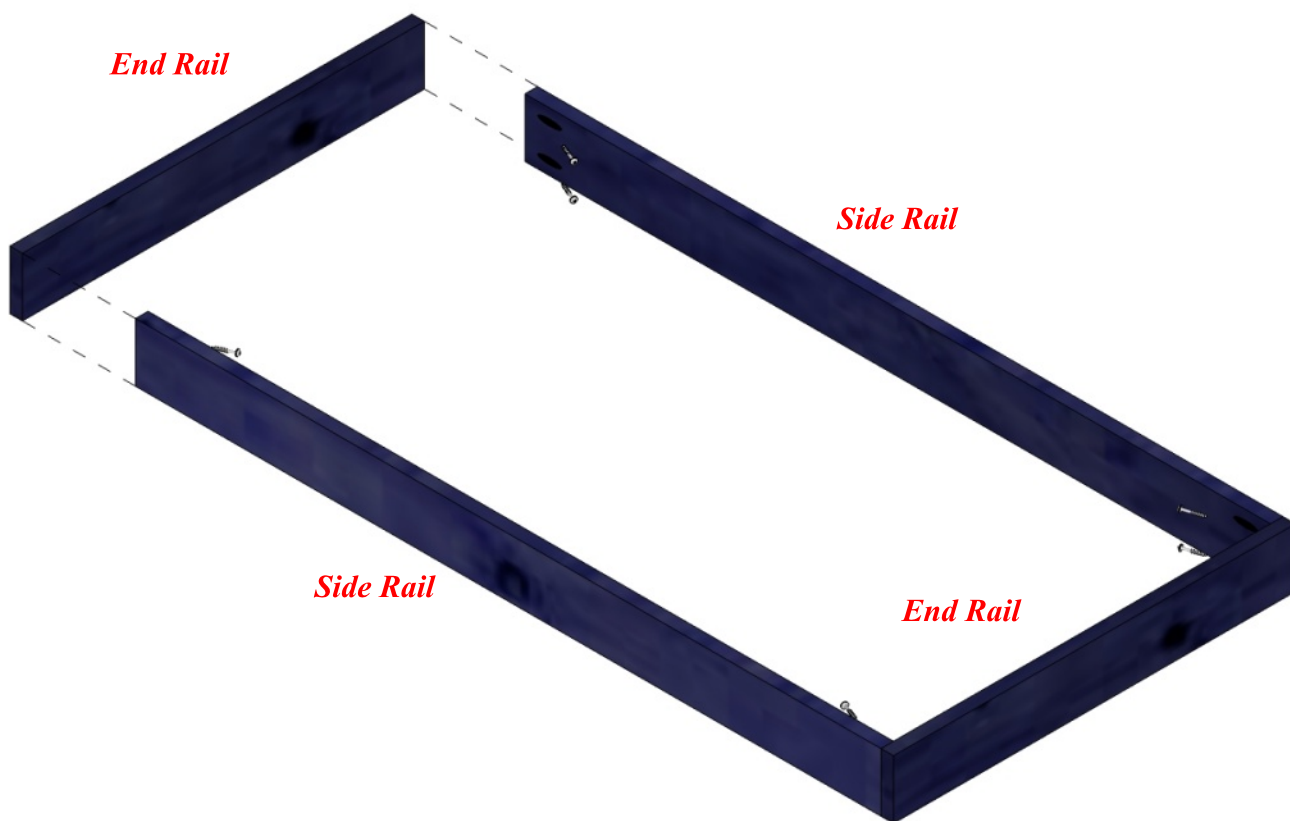
NOTE

Use the layout as guide for measuring, marking, cutting, and drilling pocket holes in the **Side Rails**. Set your pocket hole jig and drill bit for 3/4-inch stock.

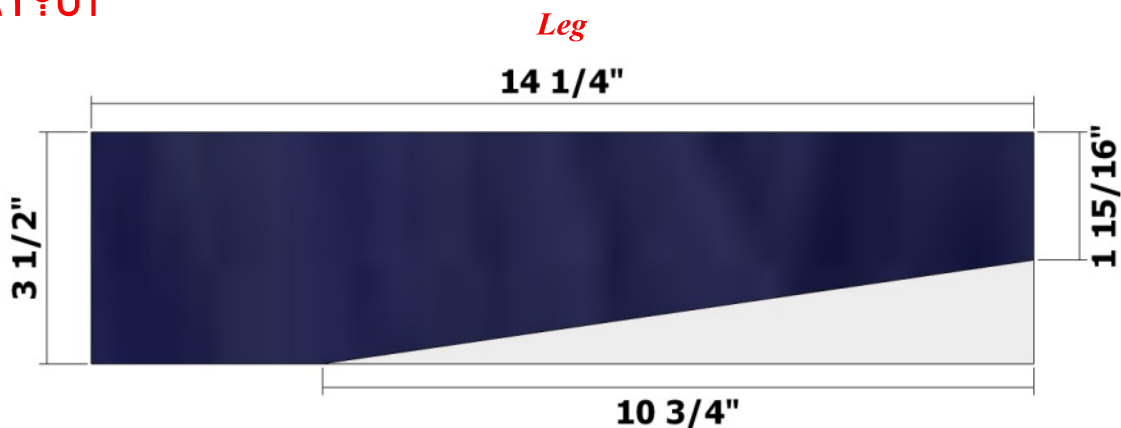


NOTE

Position the **Side Rails** as shown below (flush with the ends on the inside face of the **End Rails**) and attach using glue and 1 1/4-inch pocket hole screws.



LAYOUT

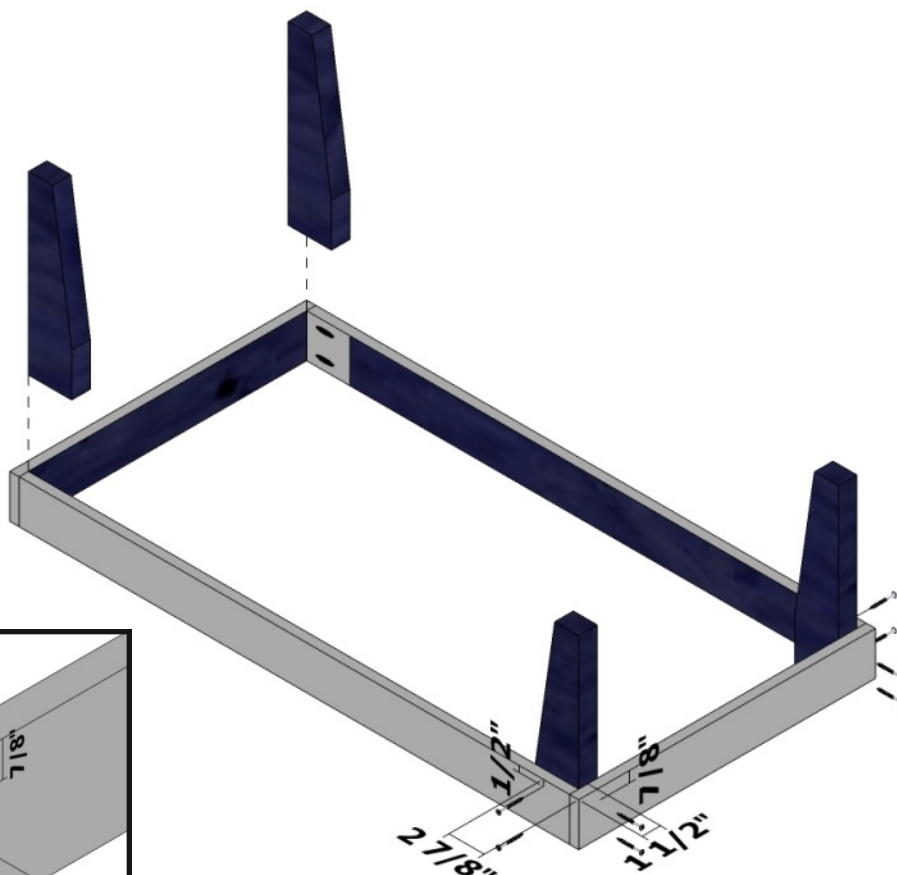
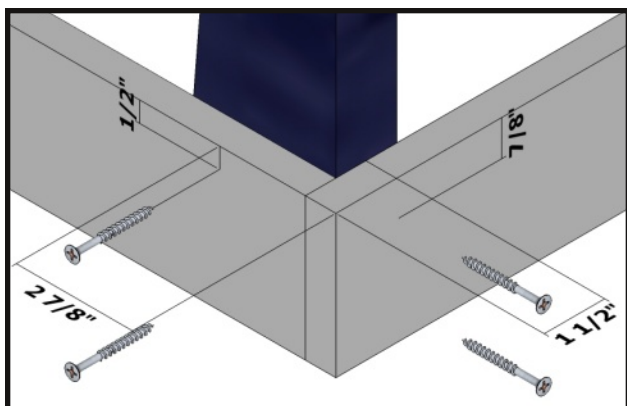


NOTE

Use the layout above as a guide for measuring, marking, and cutting the **Legs**.

NOTE

Position the **Legs** as shown below (flush with the inside corners of the **Rail Assembly**, faces positioned over the pocket holes on the **Side Rails**, and tapered side positioned inward), and attach using glue and 1 5/8-inch deck screws. Be sure to drill countersunk pilot holes for the screws, and drive them through the **Rails** and into the **Legs**.



LAYOUT



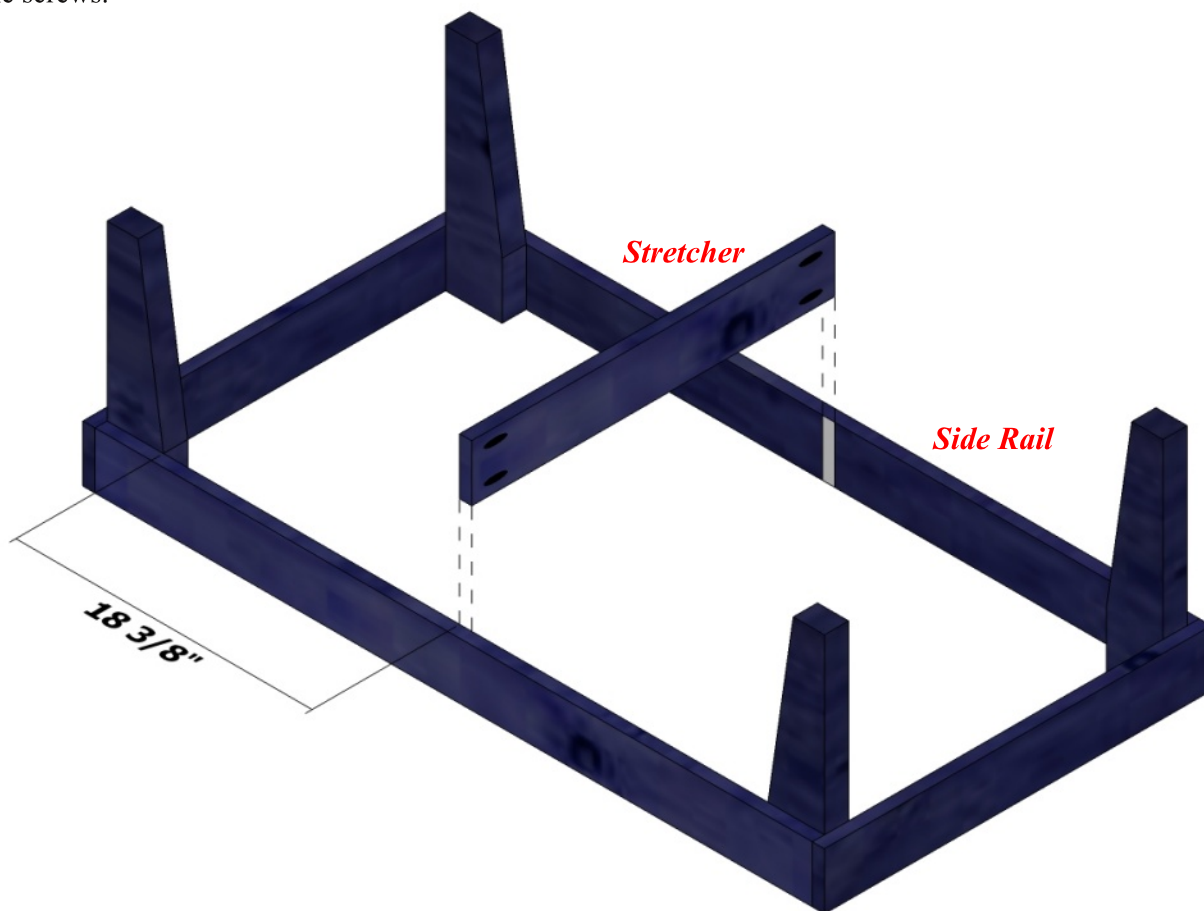
NOTE

Use the layout as guide for measuring, marking, cutting, and drilling pocket holes in the **Stretcher**. Set your pocket hole jig and drill bit for 3/4-inch stock.



NOTE

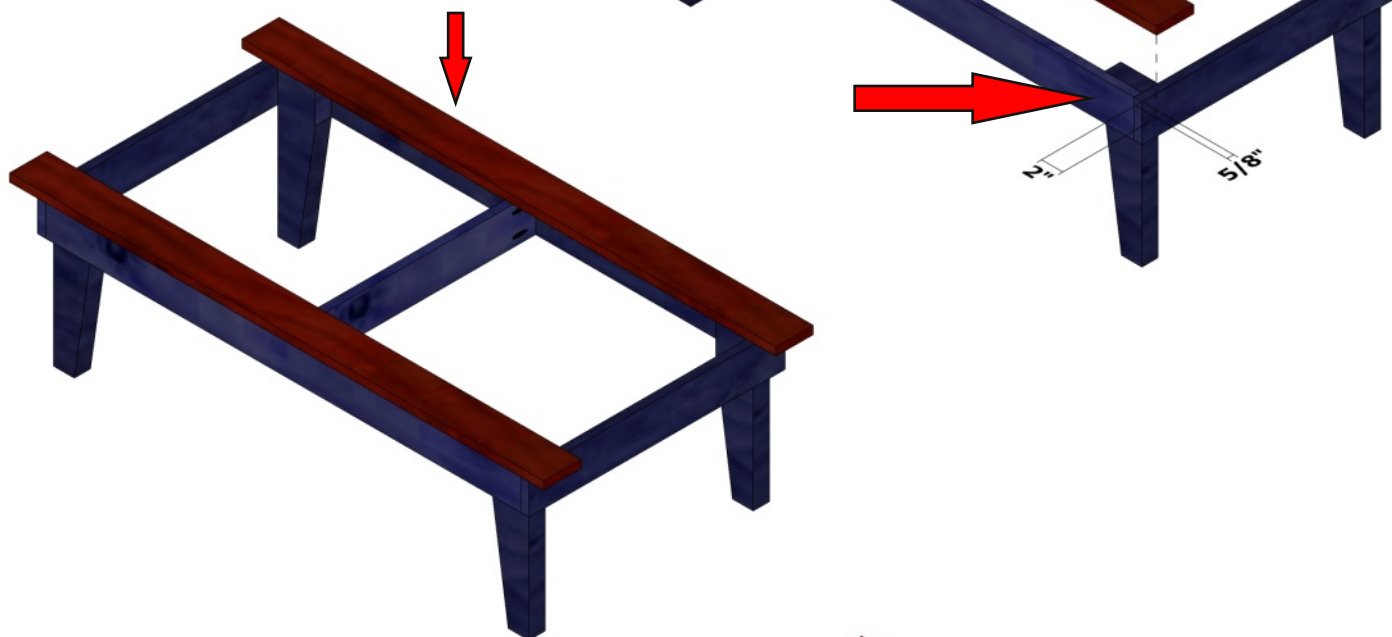
Position the **Stretcher** centered on the **Side Rails** between the **Legs** and attach using glue and 1 1/4-inch pocket hole screws.



NOTE

Position one **Slat** as shown (overhanging the **Side Rails** by roughly $\frac{5}{8}$ inch - centered - and overhanging the **End Rails** by 2 inches) and attach using glue and 1 1/2-inch brads. Be sure to drive the brads through the **Slat** and into the **End Rail**, **Side Rails**, and **Stretcher**.

Repeat on the other end, making sure the second **Slat** is flush with the ends of the first **Slat**.

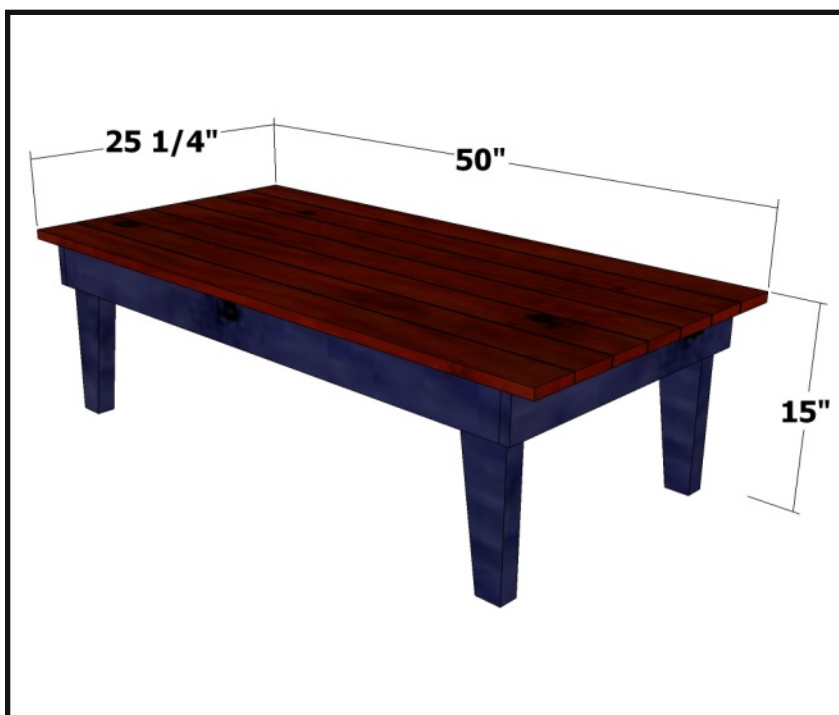
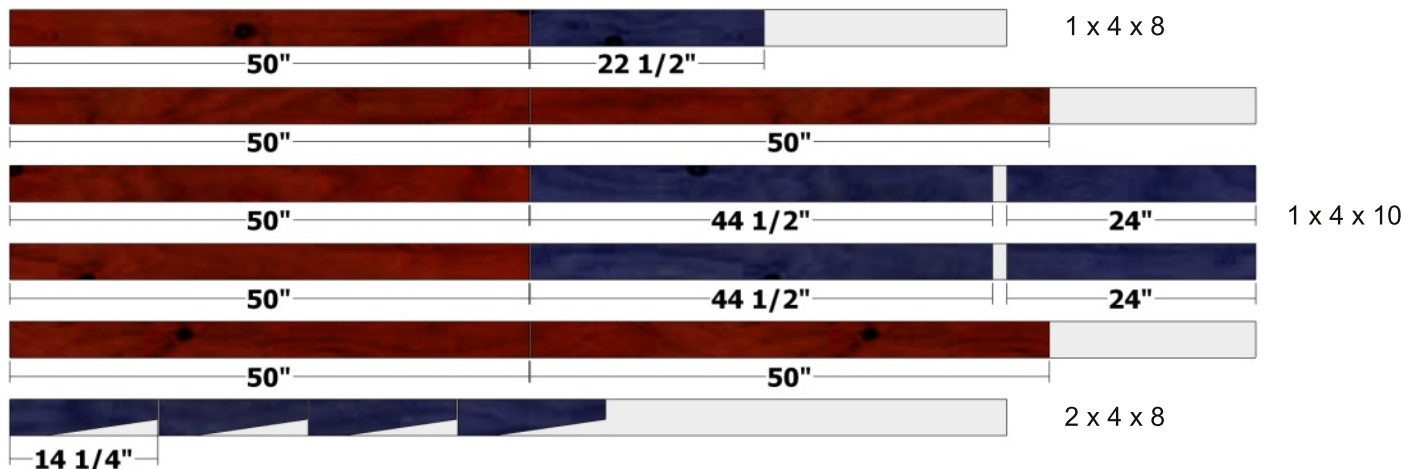


NOTE

Position the remaining **Slats** flush with the ends of the first two **Slats** and spaced roughly $\frac{1}{8}$ inch apart (a wooden paint stirrer works well). Attach using glue and 1 1/2-inch brads. Be sure to drive the brads through the **Slats** and into the **End Rails** and **Stretcher**.



K CUTTING DIAGRAM



✚ PARTS ✚

End Rails (2) - 3/4 x 3 1/2 x 44 1/2
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 Stretcher (1) - 3/4 x 3 1/2 x 22 1/2
 Slats (7) - 3/4 x 3 1/2 x 50

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!