

CHIEF'S SHOP PLAN OF THE WEEK



SIMPLE WOODWORKING: CABIN DINING TABLE



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

- 2 - 2 x 6 x 8
- 3 - 1 x 4 x 10
- 9 - 1 x 4 x 6

(availability will vary)

HARDWARE/SUPPLIES

- 1 1/4" pocket hole screws
- 1 5/8" deck screws
- 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 66 1/2
- Side Rails (2) - 3/4 x 3 1/2 x 33 3/4
- Legs (4) - 1 1/2 x 5 1/2 x 29 1/4
- Stretcher (1) - 3/4 x 3 1/2 x 33 1/4
- Slats (10) - 3/4 x 3 1/2 x 72

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.



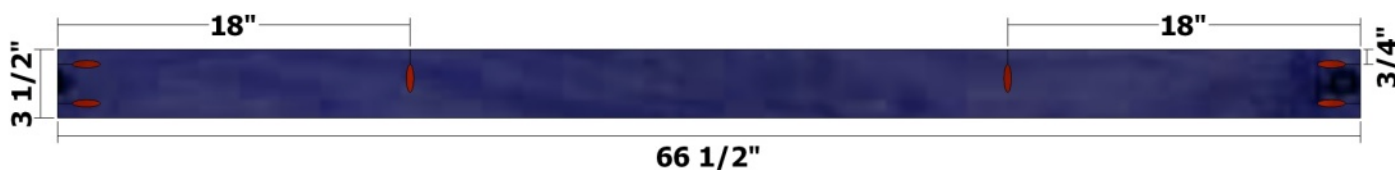
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LAYOUT

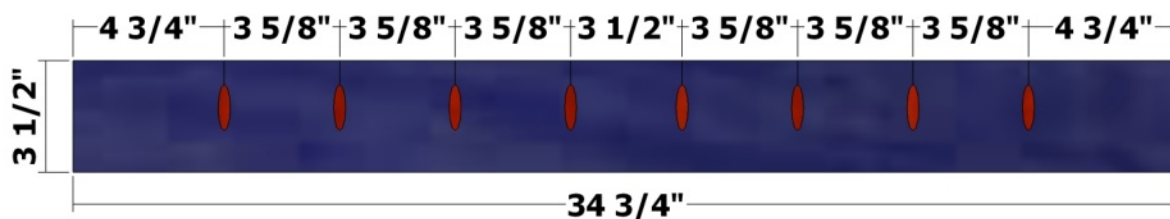
Side Rail



NOTE

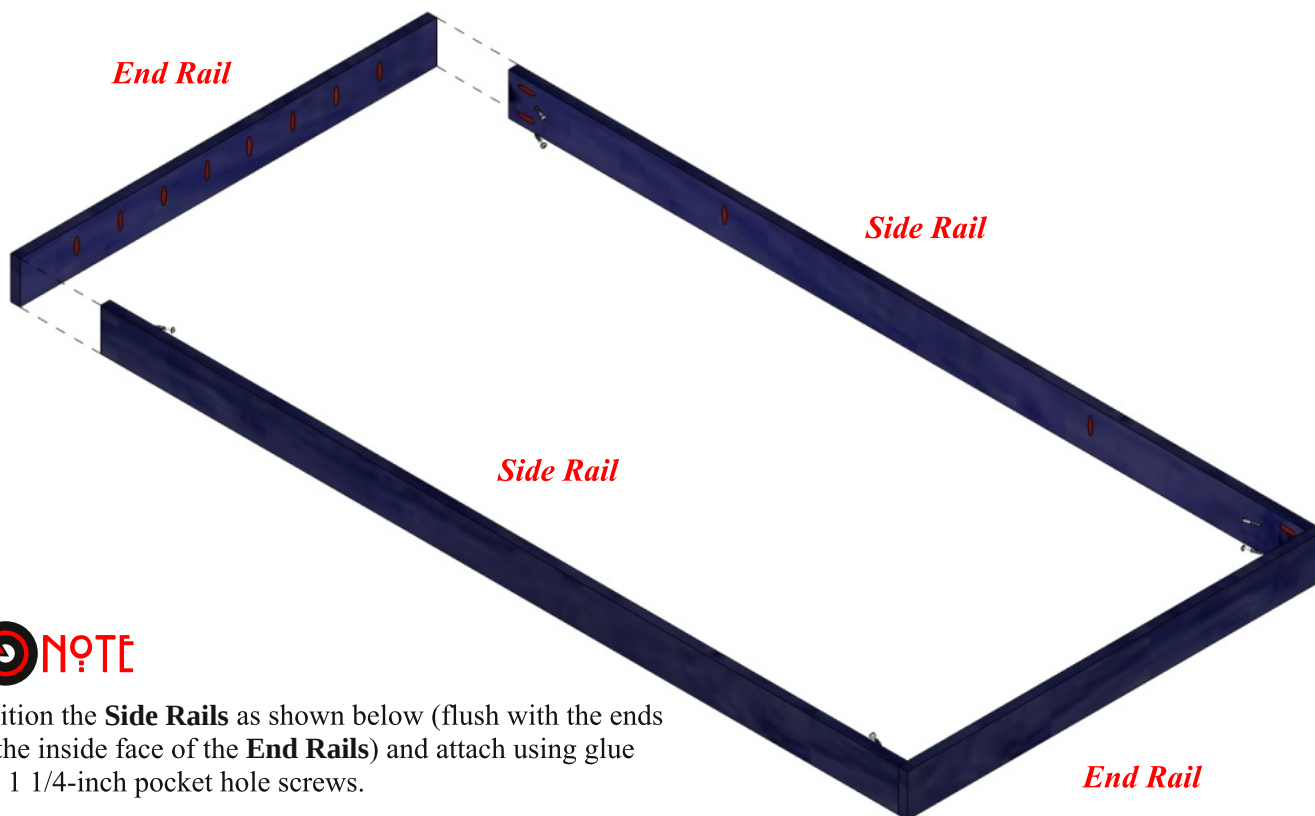
Use the layout as guide for measuring, marking, cutting, and drilling pocket holes in the **Side Rails**. Set your pocket hole jig and drill bit for 3/4-inch stock.

End Rail



NOTE

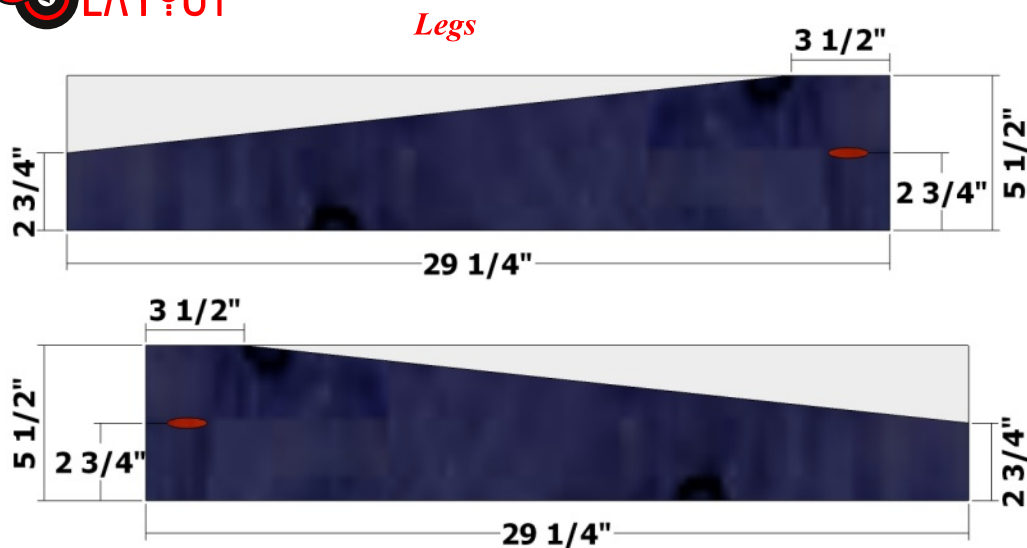
Use the layout as guide for measuring, marking, cutting, and drilling pocket holes in the **End Rails**. Set your pocket hole jig and drill bit for 3/4-inch stock.



NOTE

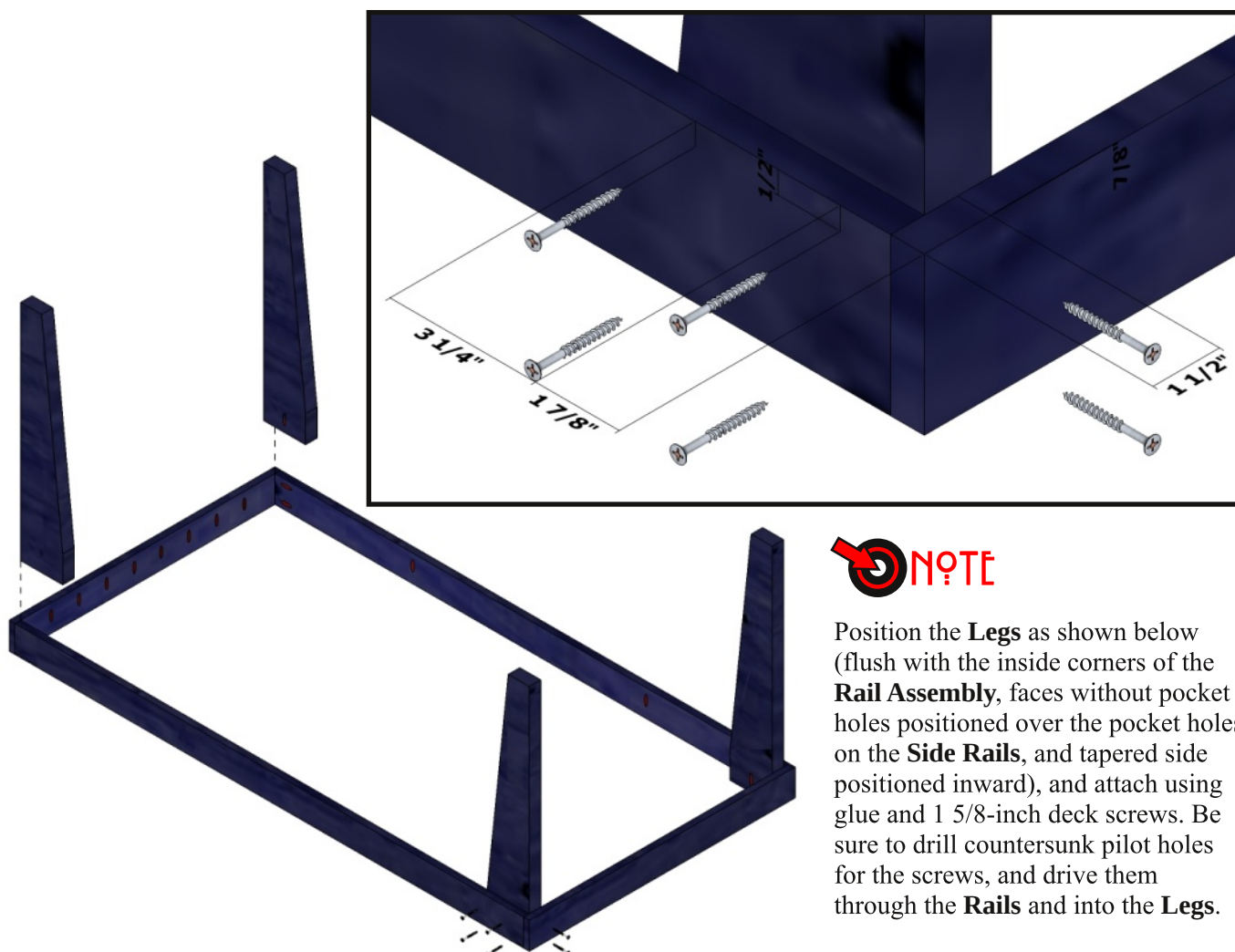
Position the **Side Rails** as shown below (flush with the ends on the inside face of the **End Rails**) and attach using glue and 1 1/4-inch pocket hole screws.

LAYOUT



NOTE

Use the layouts as guides for measuring, marking, cutting, and drilling pocket holes in the **Legs**. Create two of each and set your pocket hole jig and drill bit for 3/4-inch stock. (You'll be driving the screws into 3/4-inch stock later.)

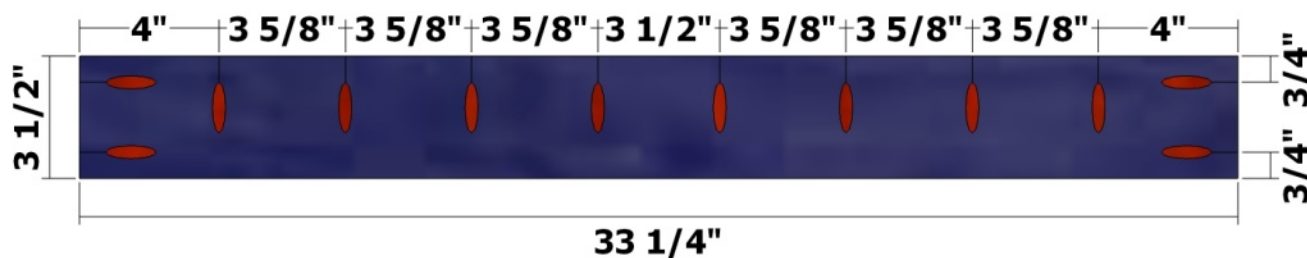


NOTE

Position the **Legs** as shown below (flush with the inside corners of the **Rail Assembly**, faces without pocket holes 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

Stretcher



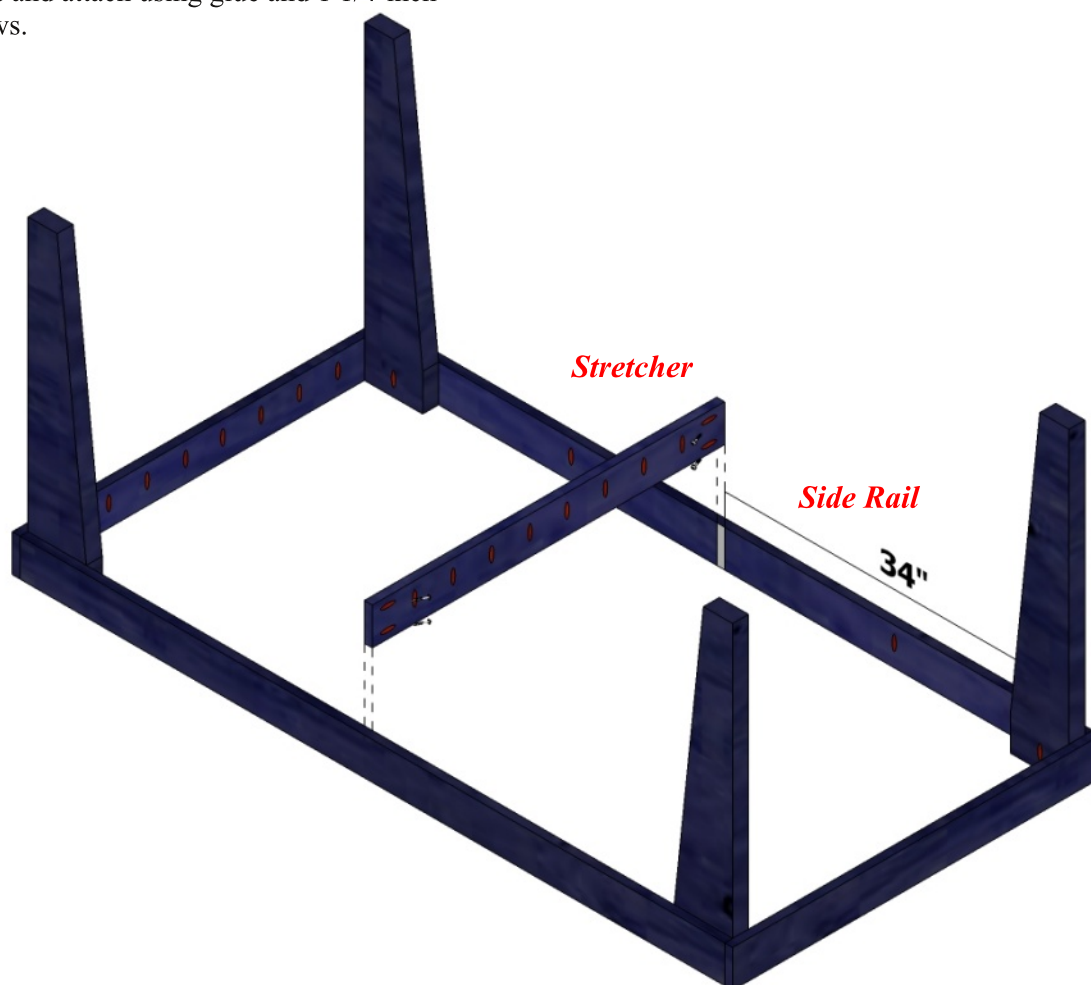
NOTE

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.



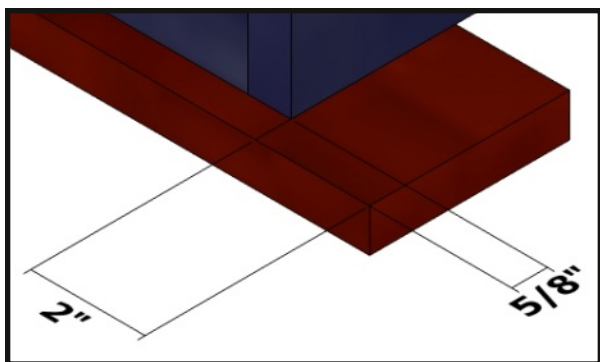
NOTE

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



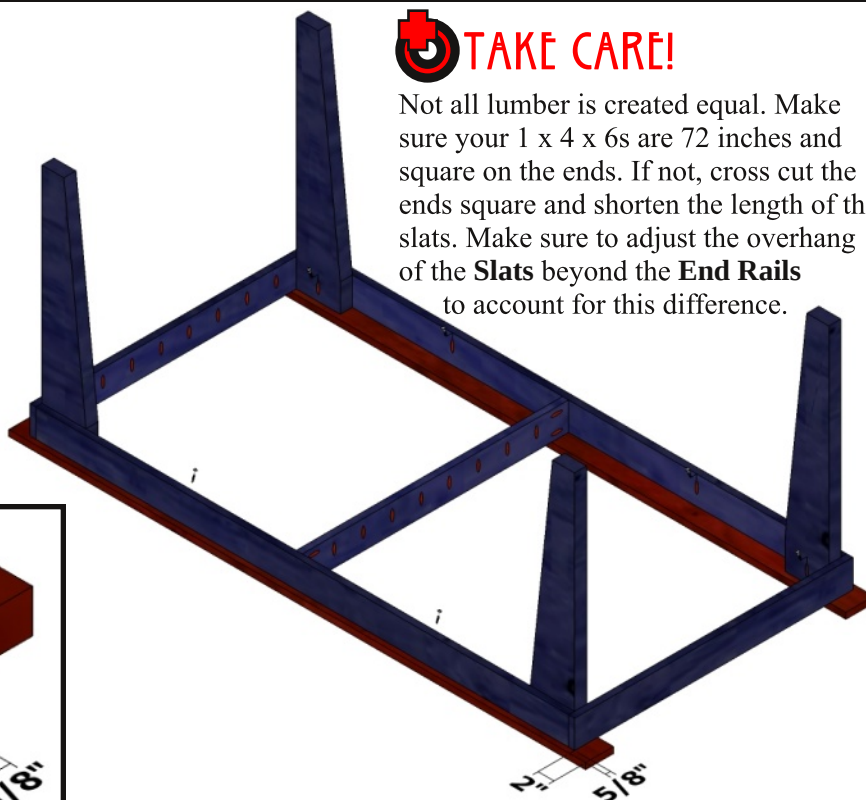
NOTE

Position one **Slat** as shown on each side (overhanging the **Side Rails** by roughly 5/8 inch - centered - and overhanging the **End Rails** by 2 inches) and attach using glue and 1 1/4-inch pocket hole screws. Be sure to drive the screws through the **Side Rails** and **Legs** and into the **Slats**.



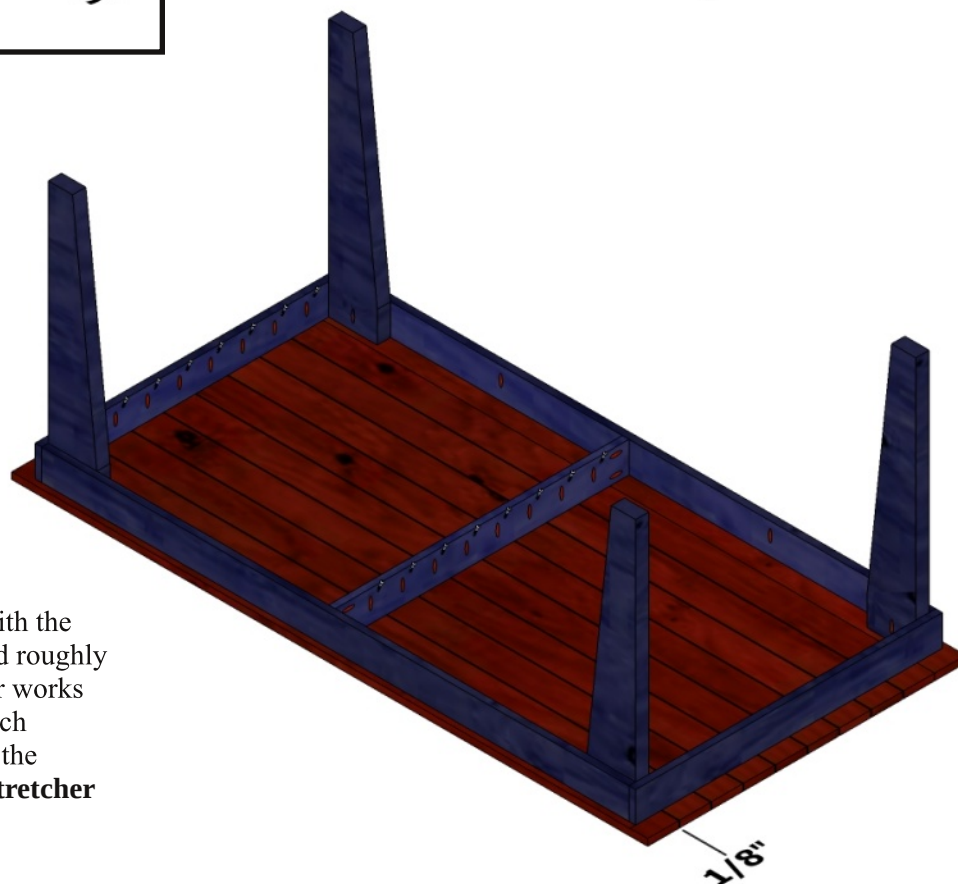
TAKE CARE!

Not all lumber is created equal. Make sure your 1 x 4 x 6s are 72 inches and square on the ends. If not, cross cut the ends square and shorten the length of the slats. Make sure to adjust the overhang of the **Slats** beyond the **End Rails** to account for this difference.

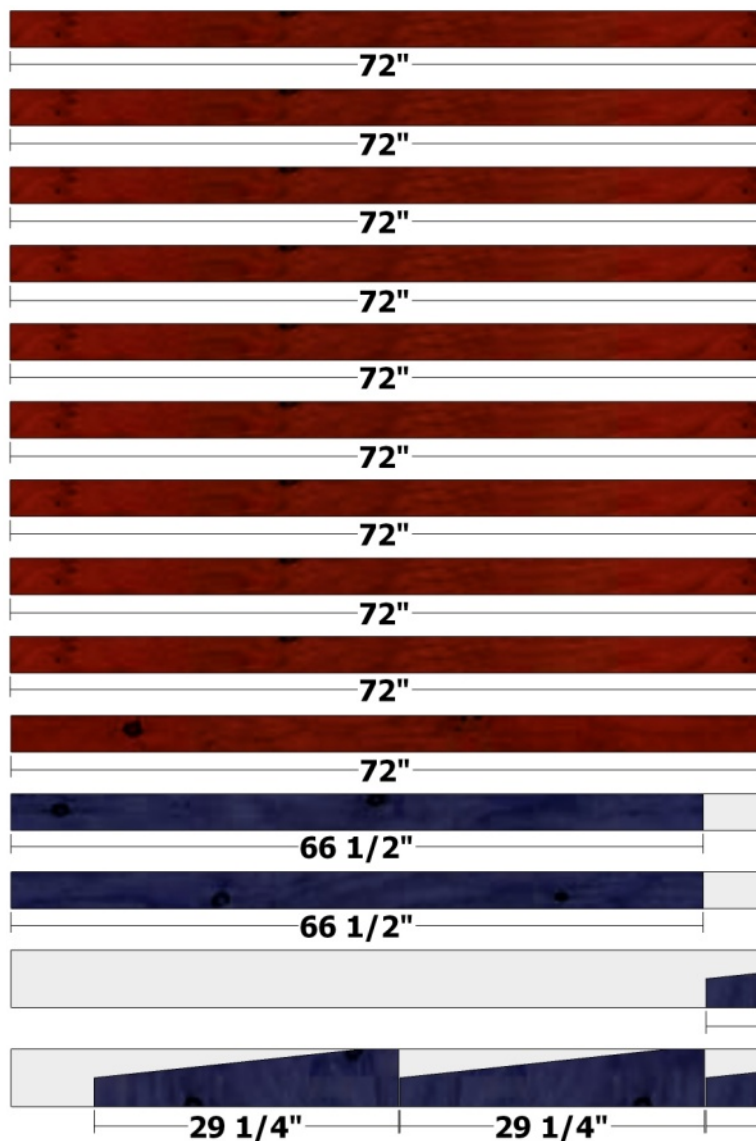


NOTE

Position the remaining **Slats** flush with the ends of the first two **Slats** and spaced roughly 1/8 inch apart (a wooden paint stirrer works well). Attach using glue and 1 1/4-inch pocket hole screws. Be sure to drive the screws through the **End Rails** and **Stretcher** and into the **Slats**.



K CUTTING DIAGRAM



1 x 4 x 6



Not all lumber is created equal. Make sure your 1 x 4 x 6s are 72 inches and square on the ends. If not, cross cut the ends square and shorten the length of the slats. Make sure to adjust the overhang of the **Slats** beyond the **End Rails** (see Page 5) to account for this difference.

1 x 4 x 10

2 x 6 x 8



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!

