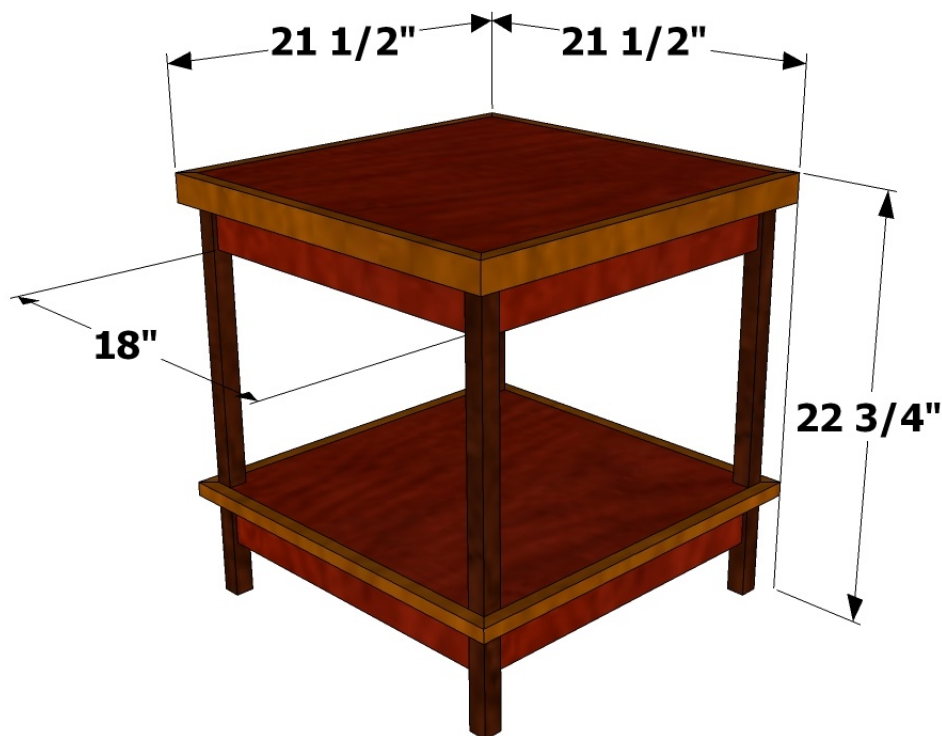




WHAT YOU'LL NEED



LUMBER

- 4 - 1 x 36-inch square dowels
- 1 - 1 x 8 x 8
- 1 - 3/4-inch x 2- x 4-foot sheet of plywood

HARDWARE/SUPPLIES

- 1 1/4" pocket hole screws
- #18 x 1 1/2 brads
- wood glue

TOOLS

- table saw or circular saw
- miter saw
- jig saw
- pneumatic nail gun
- drill/driver
- Kreg pocket hole jig
- clamps

ABOUT THESE PLANS

On this first page you will see above the project complete with 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

- Legs (4) - 1 x 1 x 22
- Top Rails (4) - 3/4 x 3 x 18
- Shelf Rails (4) - 3/4 x 2 1/2 x 18
- Top (1) - 3/4 x 20 x 20
- Shelf (1) - 3/4 x 20 x 20
- Top Trim (4) - 3/4 x 1 1/2 x 21 1/2
- Shelf Trim (4) - 3/4 x 3/4 x 21 1/2

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.



MORE PLANS

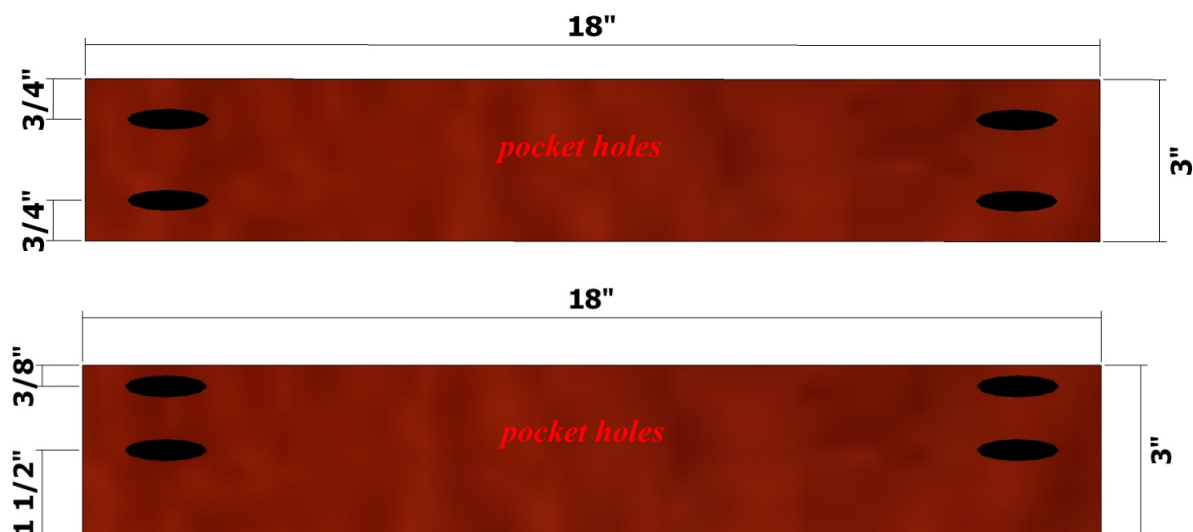
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LAYOUT

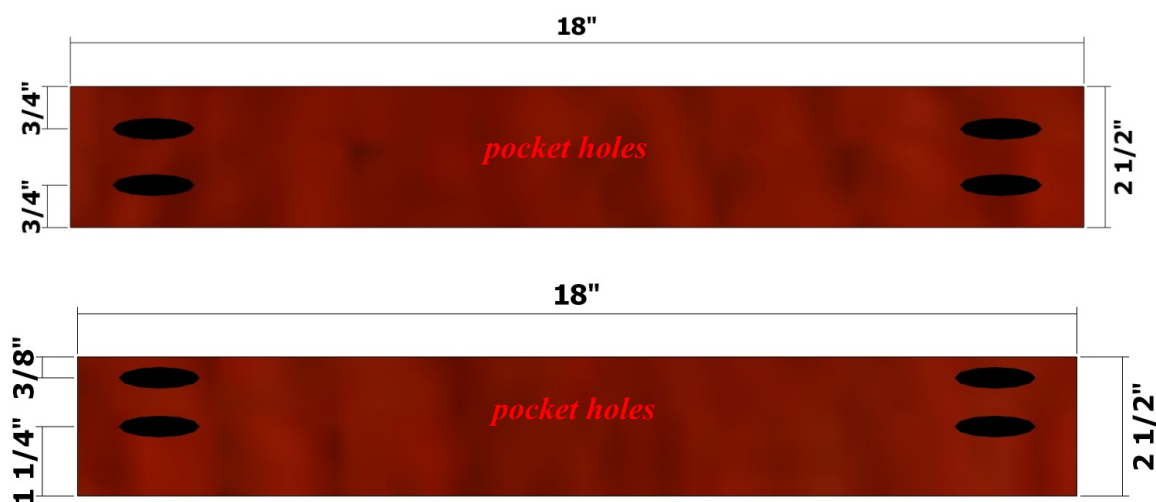
Top Rails (2 of each)

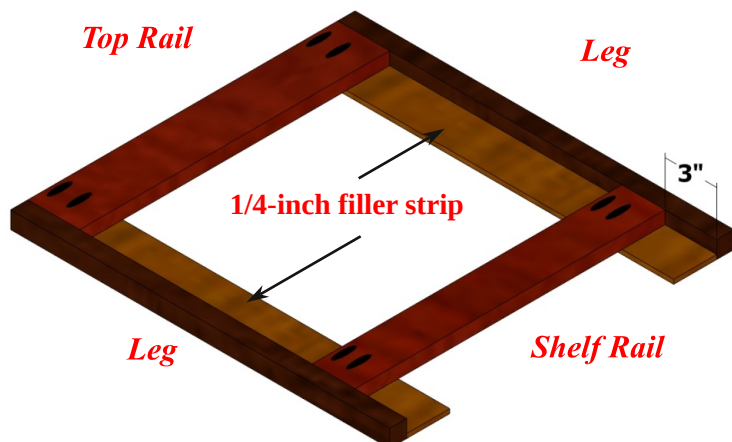


NOTE

Use the layouts on this page for measuring, marking, cutting, and drilling pocket holes in the **Top Rails** and **Shelf Rails**. (Be sure to set your pocket hole jig and drill bit for 1 1/2-inch stock.) Notice the different pocket hole placements for these parts. Create two of each for each part.

Shelf Rails (2 of each)





NOTE

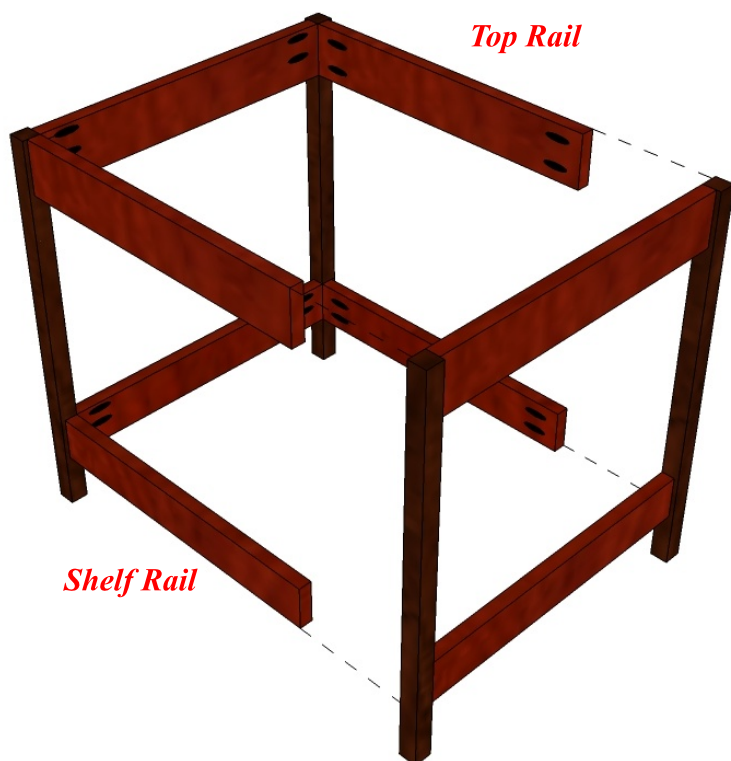
Place a 1/4-inch piece of scrap next to the **Legs** as shown to create a 1/4-inch offset for the **Rails**. Position one **Top Rail** flush with one end of two **Legs** and attach using glue and 1 1/4-inch pocket hole screws. Position one **Shelf Rail** 3 inches from the other end of the **Legs** and attach using glue and pocket holes screws. Create two assemblies.

NOTE

Position the remaining **Rails** as shown (be sure to maintain the 1/4-inch offset for each rail) and attach to the assemblies created above using glue and pocket hole screws. Check for square and adjust if needed.

TAKE CARE!

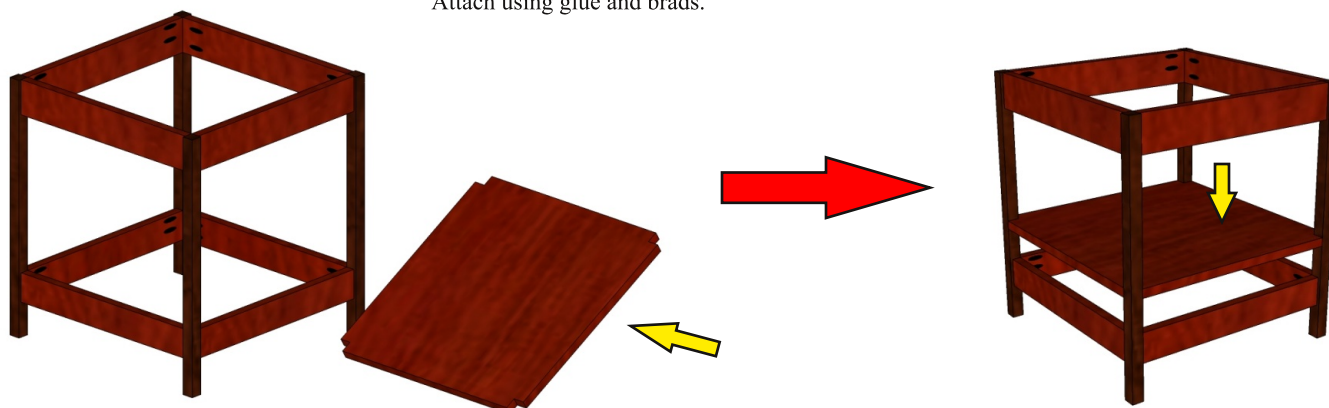
Be sure to position the **Rails** so that the pocket holes **DO NOT** line up with the pocket holes on any adjacent **Rails**.





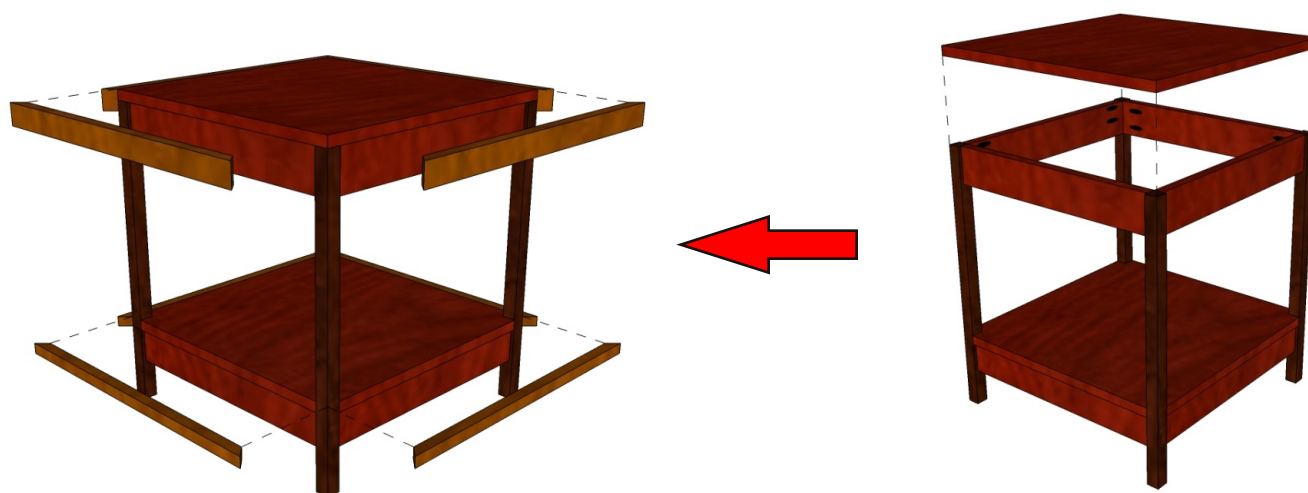
NOTE

Cut a 3/4- x 3/4-inch notch in each corner of the **Shelf**. Tilt the shelf at an angle and insert it into the assembly, then tilt it back and place it on top of the **Shelf Rails**. Attach using glue and brads.



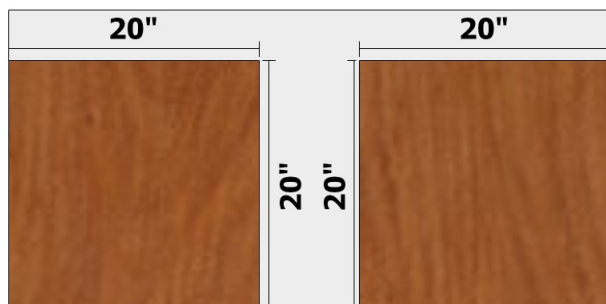
NOTE

Position the **Top** on the assembly as shown and attach using glue and brads. Miter cut the ends of the **Top Trim and Shelf Trim** (make sure to test fit each piece). Position the **Trim** as shown (flush with the top edge of the **Top and Shelf**) and attach using glue and brads.

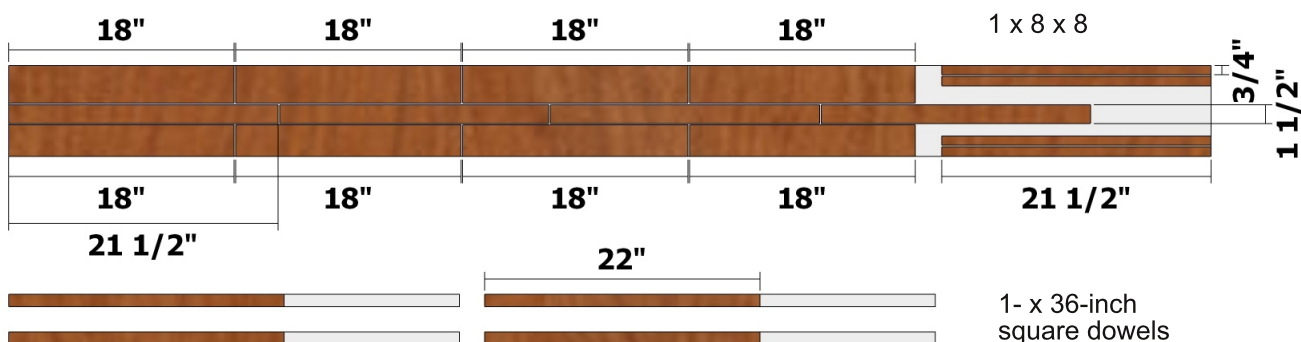




K CUTTING DIAGRAM



3/4-inch x 2- x 4-foot
sheet of plywood



1- x 36-inch
square dowels



PARTS

Legs (4) - 1 x 1 x 22
Top Rails (4) - 3/4 x 3 x 18
Shelf Rails (4) - 3/4 x 2 1/2 x 18
Top (1) - 3/4 x 20 x 20
Shelf (1) - 3/4 x 20 x 20
Top Trim (4) - 3/4 x 1 1/2 x 21 1/2
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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!