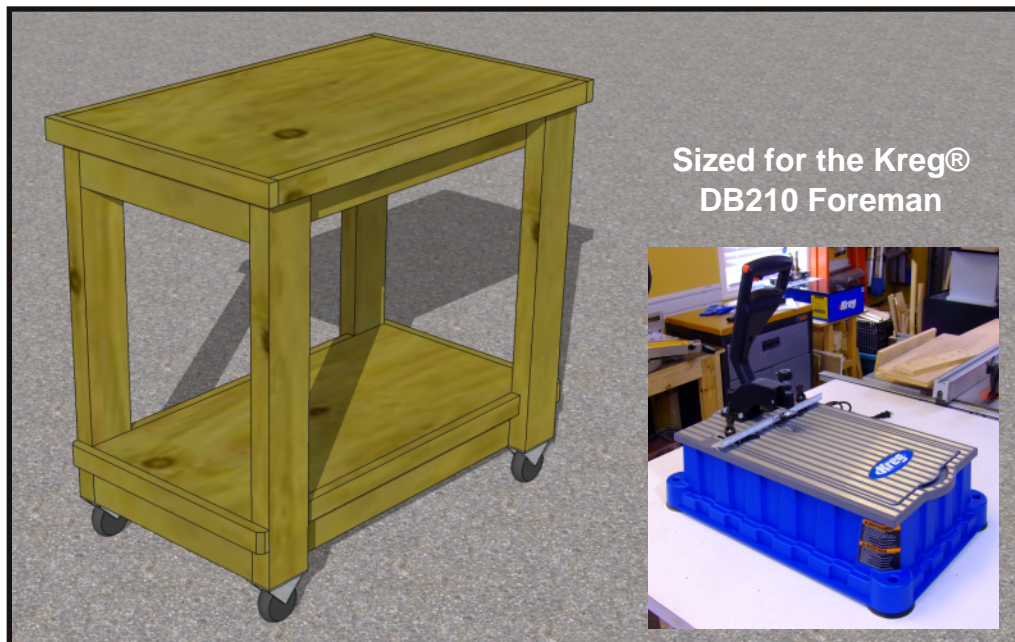


CHIEF'S SHOP PLAN OF THE WEEK



MOBILE TOOL STAND



Sized for the Kreg®
DB210 Foreman



WHAT YOU'LL NEED



LUMBER

2 - 1x2x8
2 - 2x4x8
1 - 2x4x10
1 - 3/4x4x4
sheet of plywood
(availability will vary)

HARDWARE/SUPPLIES

4 - 3" locking swivel casters
Kreg 2 1/2" pocket hole screws
Kreg 1 1/4" pocket hole screws
wood glue, wood filler,
pocket hole plugs, choice of
finish

TOOLS

miter saw
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.



MORE PLANS

Want more Chief's Shop plans? Visit chiefs-shop.com and look through the Plans section.
Be sure to "Like" Chief's Shop on facebook by heading over to [facebook.com/ChiefsShop](https://www.facebook.com/ChiefsShop).



NOTE

Apply glue to all mating parts.



PARTS

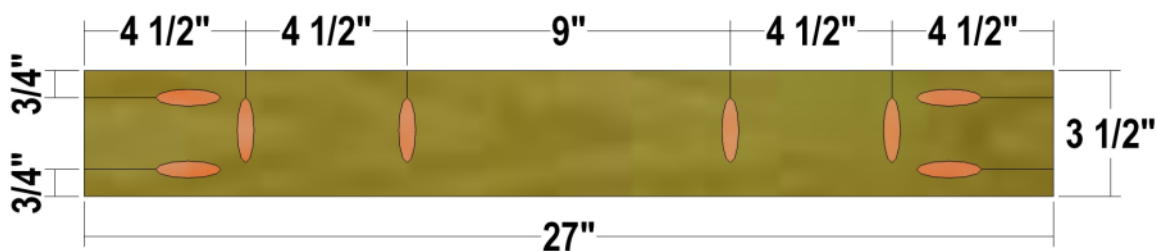
side rails (4) - 1 1/2 x 3 1/2 x 27
end rails (4) - 1 1/2 x 3 1/2 x 15
stretchers (2) - 1 1/2 x 3 1/2 x 12
shelf (1) - 3/4 x 15 x 30
shelf end trim (2) - 3/4 x 1 1/2 x 18
shelf side trim (2) - 3/4 x 1 1/2 x 22 7/8
legs (4) - 1 1/2 x 3 1/2 x 26
top (1) - 3/4 x 18 x 30
top side trim (2) - 3/4 x 1 1/2 x 30
top end trim (2) - 3/4 x 1 1/2 x 19 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.

VIDEO

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

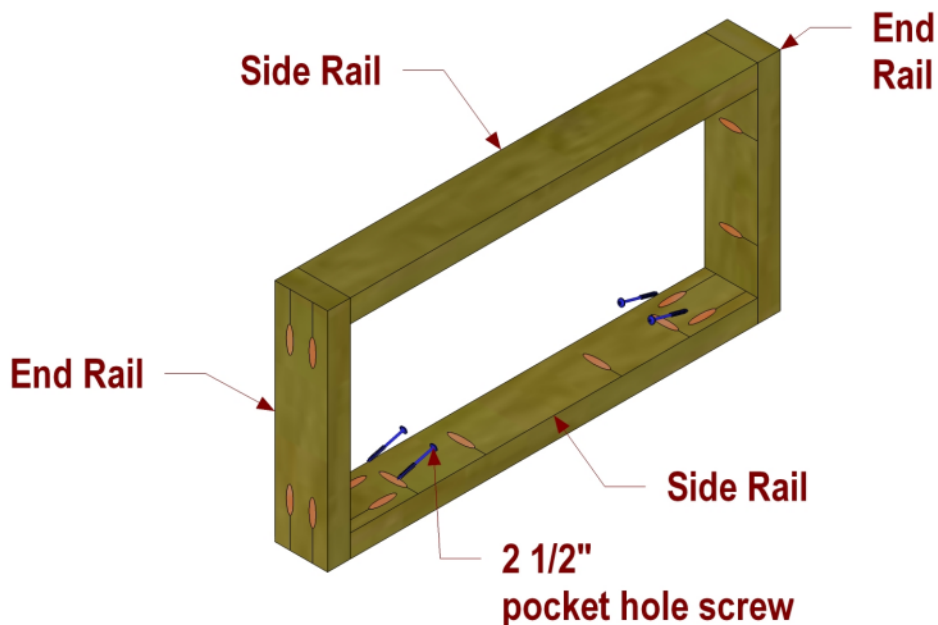
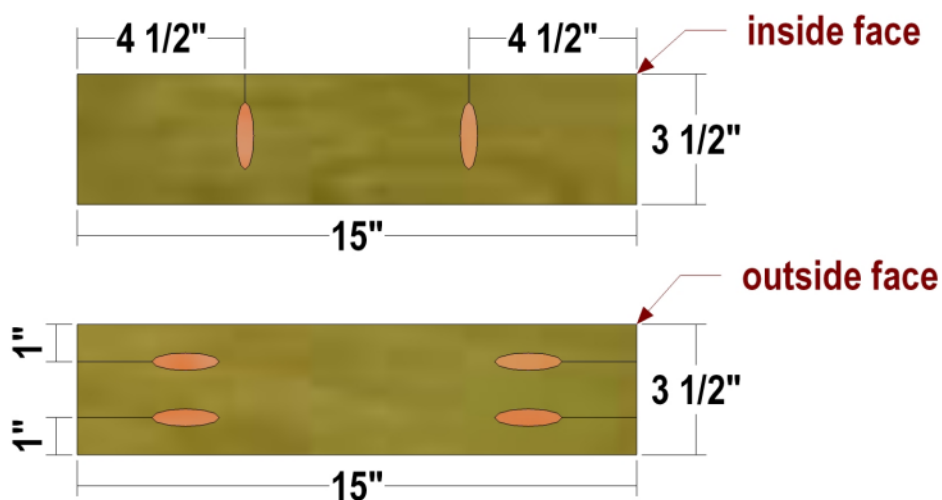
Side Rail



End Rail



Use the layouts for creating the Side Rails and End Rails. **Set your Kreg Jig and drill bit for 1 1/2" stock for the pocket holes on the ends, and for 3/4" stock for the pocket holes pointing toward the edges.**



Position the parts as shown, and attach using 2 1/2" pocket hole screws.

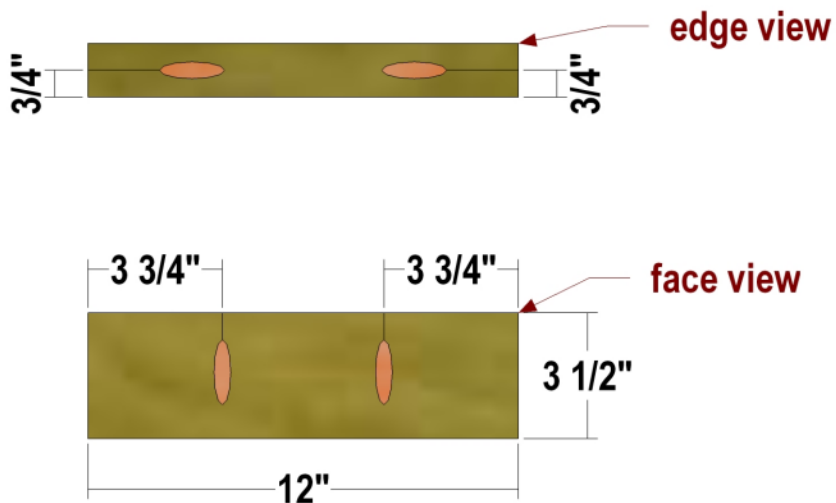
Stretcher

LAYOUT



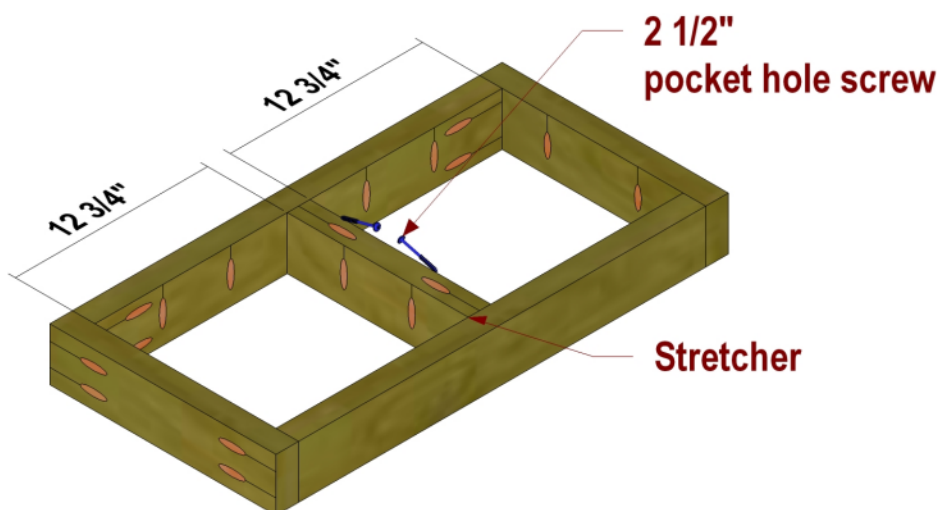
NOTE

Use the layouts for creating the Stretchers. Set your Kreg Jig and drill bit for 1 1/2" stock for the pocket holes shown in the edge view (drill this in both edges), and 3/4" stock for the holes in the face view.

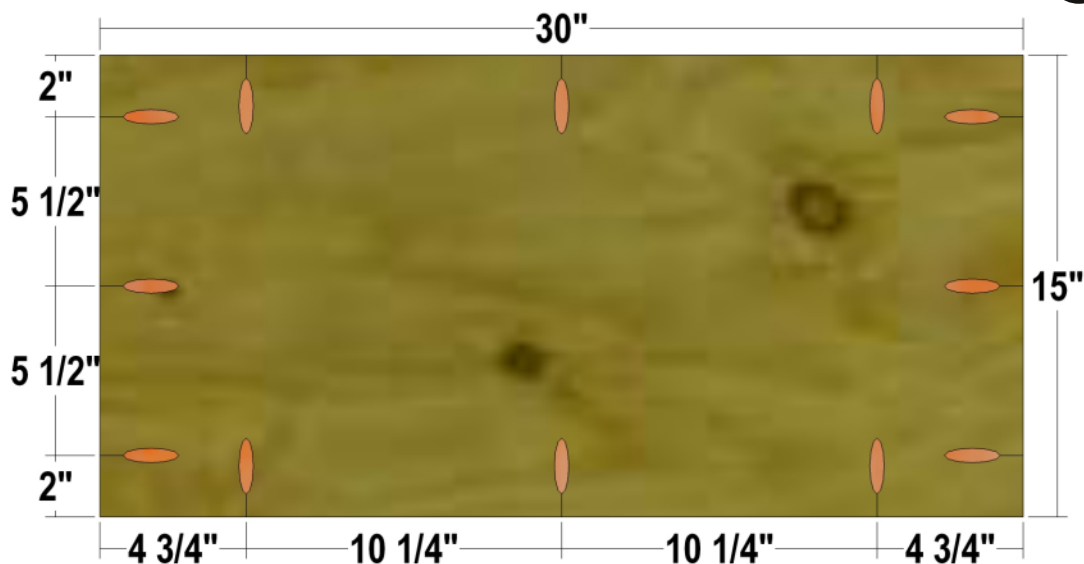


NOTE

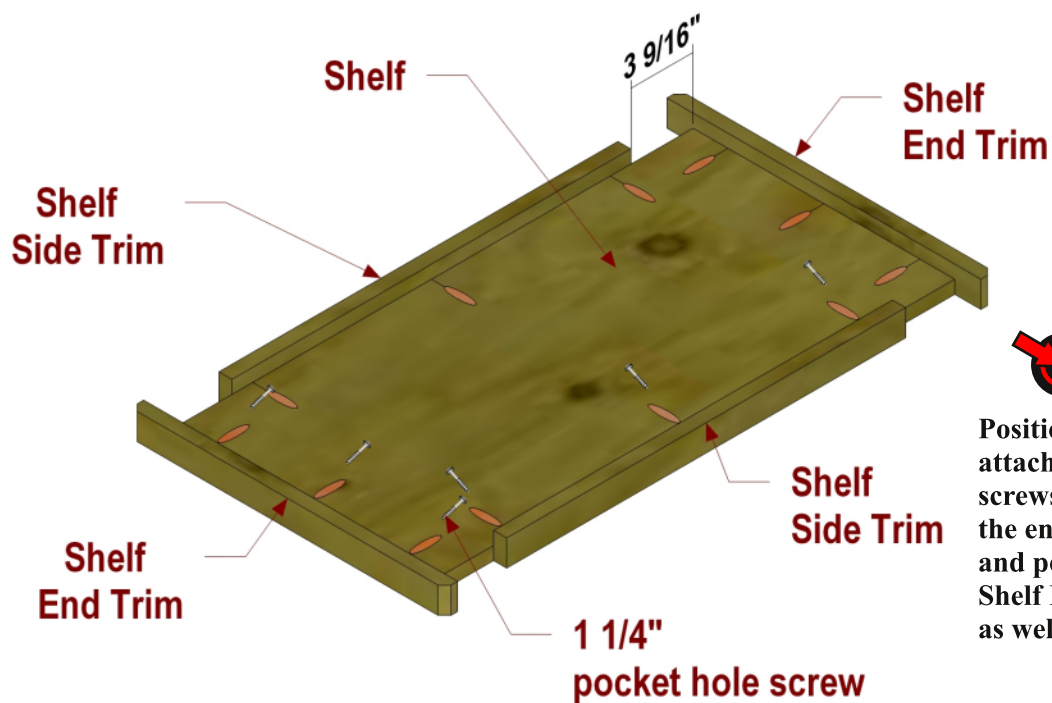
Position the parts as shown, and attach using 2 1/2" pocket hole screws. TIP: Sand the corners of the ends of the Stretcher to aid in placing it between the End Rails. Be sure to drive screws on both edges of the Stretcher. Create two assemblies.



Shelf



Use the layout for creating the Shelf. Set your Kreg Jig and drill bit for 3/4" stock for the pocket holes.

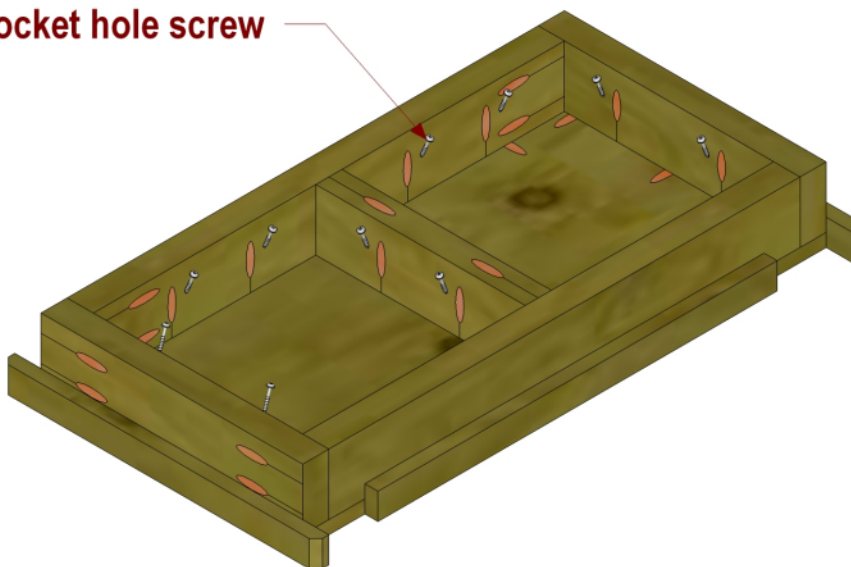


Position the parts as shown, and attach using 1 1/4" pocket hole screws. TIP: Cut a small bevel on the ends of the Shelf End Trim and position these centered on the Shelf Ends. Center the Side Trim as well.

NOTE

Position one Rail Assembly as shown, and attach using 1 1/4" pocket hole screws. Drive screws through the Side Rails, End Rails, and Stretcher.

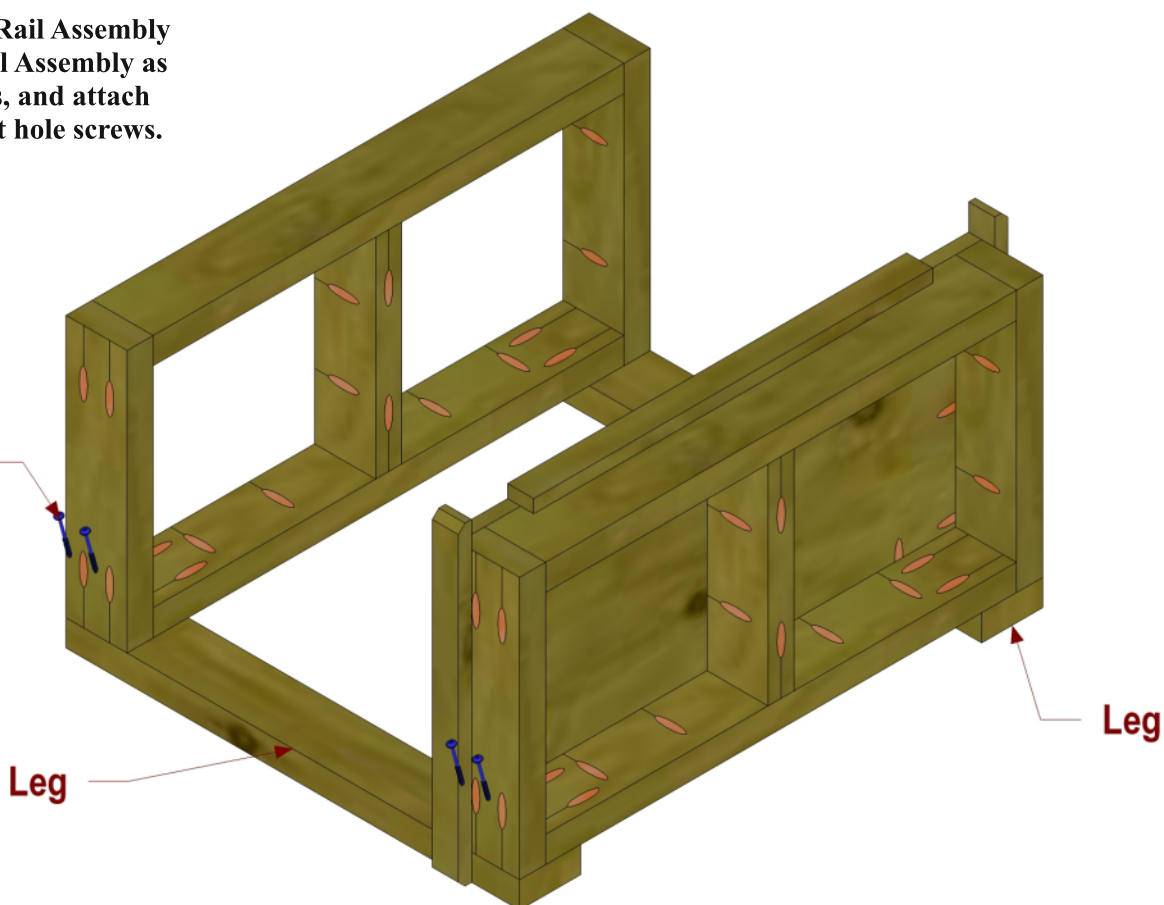
1 1/4" pocket hole screw



NOTE

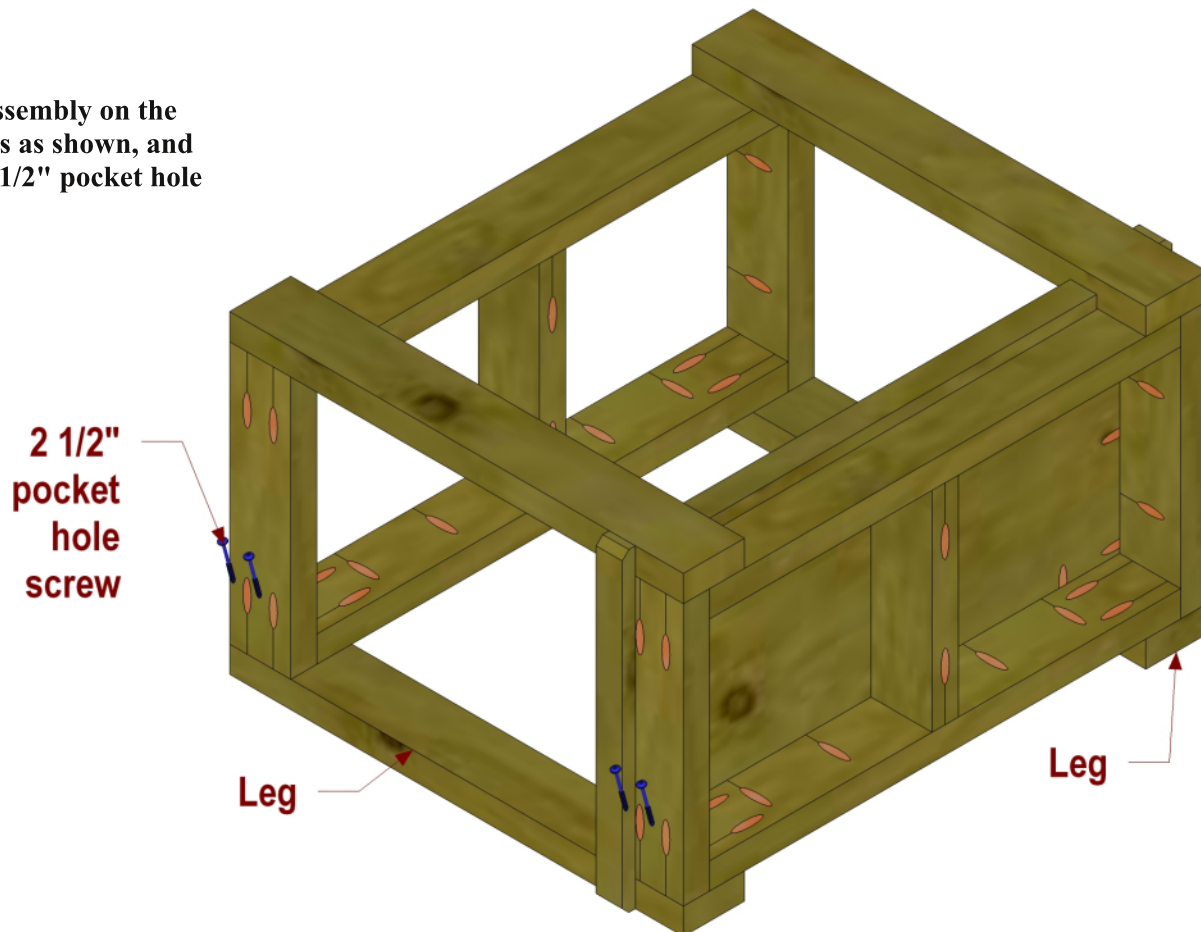
Position the Shelf/Rail Assembly and remaining Rail Assembly as shown on two Legs, and attach using 2 1/2" pocket hole screws.

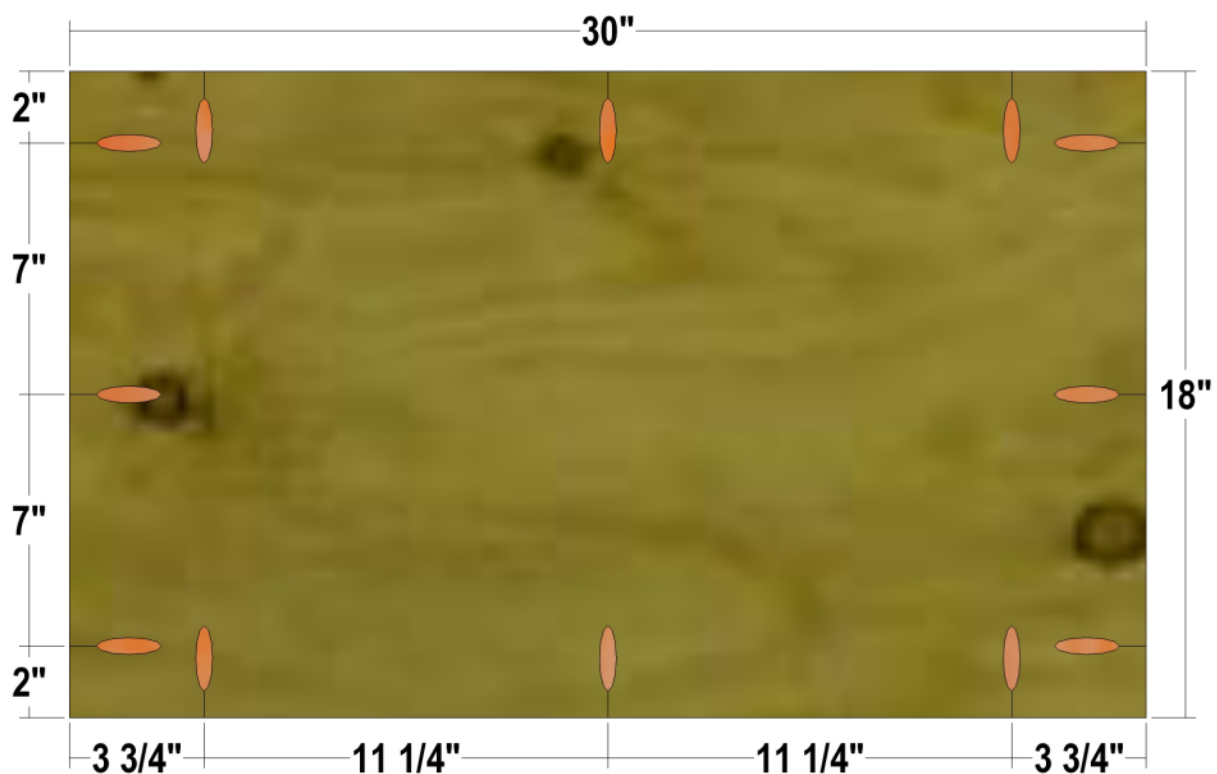
2 1/2" pocket hole screw



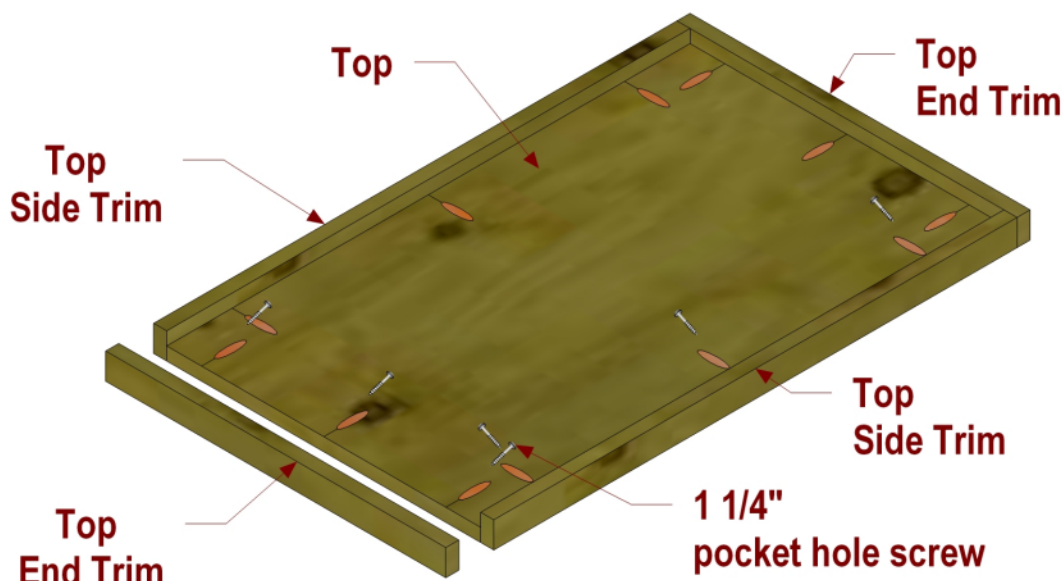
NOTE

Position this assembly on the remaining Legs as shown, and attach using 2 1/2" pocket hole screws.





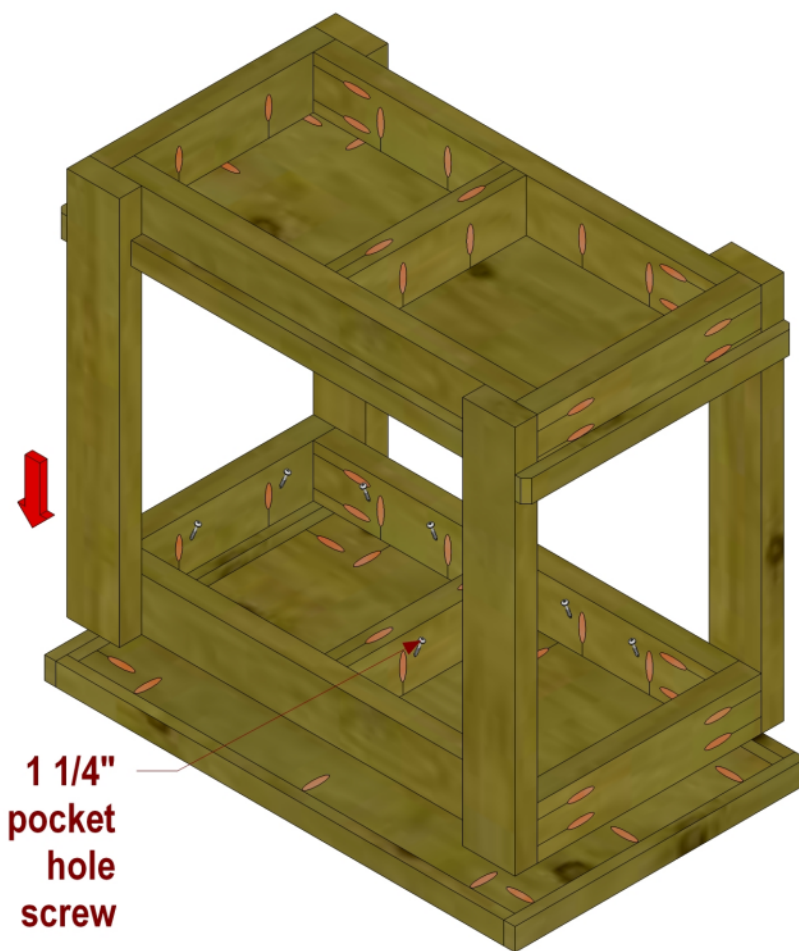
Use the layout for creating the Top. **Set your Kreg Jig and drill bit for 3/4" stock.**



Position the Top Side Trim and Top End Trim as shown, and attach using 1 1/4" pocket hole screws.

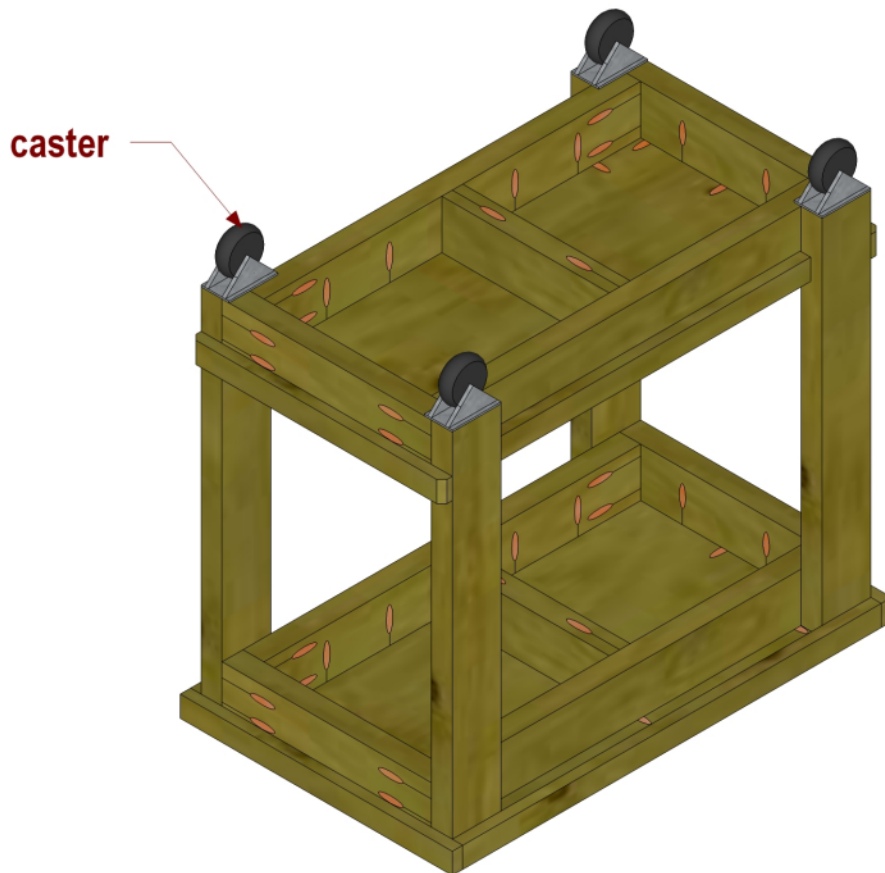


Position the Base Assembly as shown, and attach using 1 1/4" pocket hole screws. **TIP:** Sand a slight roundover on the top ends of the Legs and top outer corners of the End Rails to help with the fit.



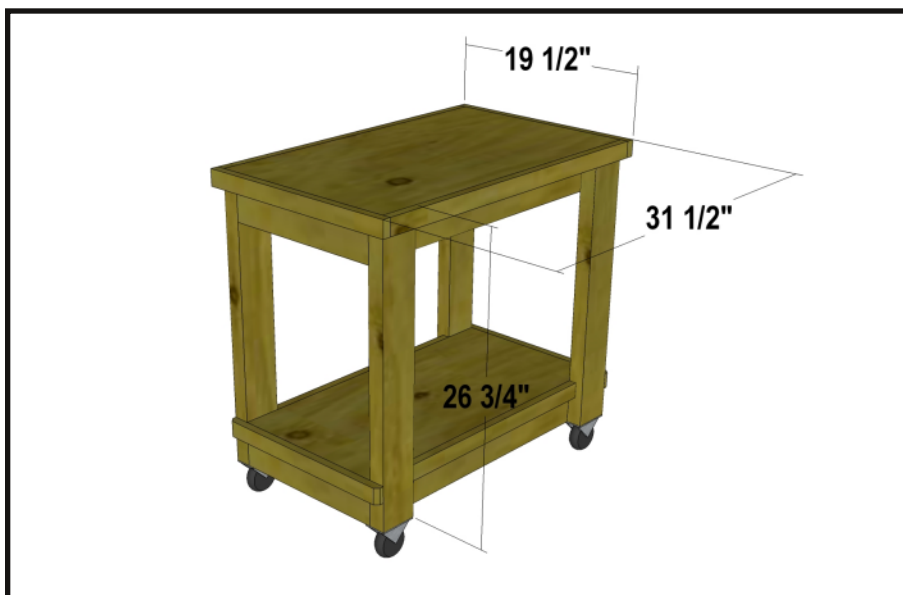
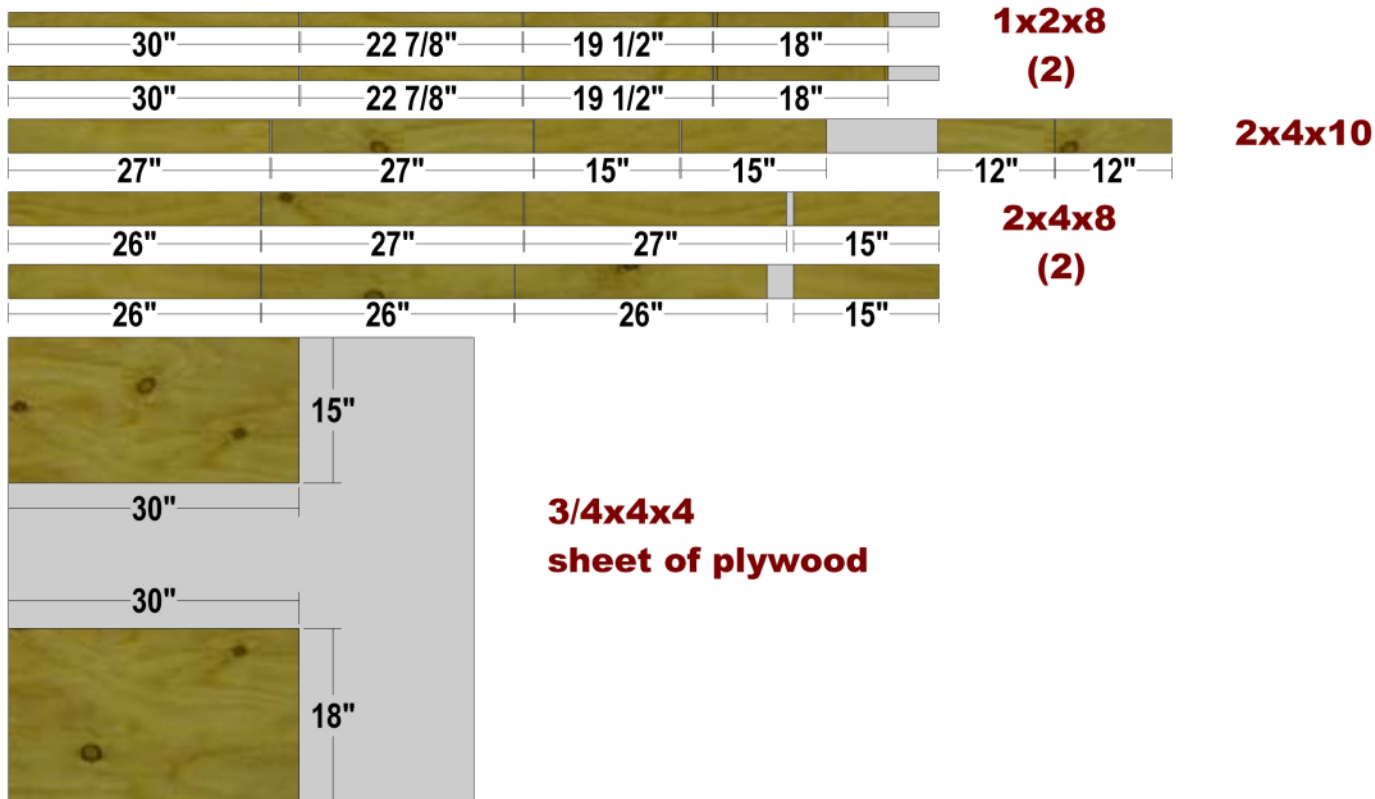
NOTE

Position casters on the bottom of the assembly and attach using appropriate fasteners for your caster type.





CUTTING DIAGRAM



Estimated lumber cost:
starting at \$40 for one

PARTS

side rails (4) - 1 1/2 x 3 1/2 x 27
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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!