



ABOUT THESE PLANS

On this first page you will see above the project complete. On the <u>last page</u> 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 next to 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.

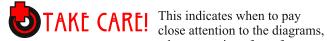
Throughout these plans you'll find the icons below:



This indicates a diagram detailing the dimensions of a project part and/or the placement for pocket holes, screws, nails, etc.



Notes are the instructions for a particular step/section of the project.



take precautions for safety, etc.



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WHAT YPU'LL NEED



LUMBER

- 1/2 x 4 x 2

-1 x 2 x 4

1 - 1 x 3 x 2 2 - 1 x 3 x 8

- 1 x 4 x 8

2 - 2 x 6 x 8 - 1 x 10 x 8

- 1 x 12 x 8

- 1/4-inch x 4- x 4-foot

sheet of plywood - 1/4-inch x 2- x 4-foot

sheet of plywood (availability will vary)

HARDWARE/SUPPLIES

Kreg 1 1/4" pocket hole screws Kreg 1" pocket hole screws 3/4" brads wood glue paint/stain/ sealer/polyurethane

table saw or circular saw miter saw iigsaw or band saw sander/belt sander drill/driver Kreg Jig clamps square flexible metal ruler

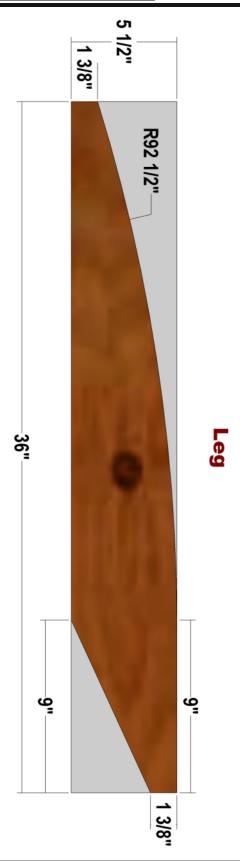
📭 PARTS 🤹

Legs (4) - 1 1/2 x 5 1/2 x 36 Top End Rails (2) - 3/4 x 3 1/2 x 11 1/4 **Bottom End Rails (2)** - 3/4 x 3 1/2 x 11 1/4 Outer End Stiles (4) - 3/4 x 2 1/2 x 20 **Center End Stiles (2)** - 1/2 x 1 x 20 **Top Front Rails (1)** - 3/4 x 3 1/2 x 42 **Top Back Rail (1)** - 3/4 x 3 1/2 x 42 Bottom Back Rail (1) - 3/4 x 3 1/2 x 42 Back Stiles (3) - 3/4 x 2 1/2 x 20 Top Slats (2) - 3/4 x 8 1/8 x 46 3/4 Back Panel (1) - 1/4 x 27 x 41 7/8 **End Panels (2)** - 1/4 x 11 1/8 x 27 **Bottom Front Rail (1)** - 3/4 x 2 1/2 x 42 **Shelves (2)** - 3/4 x 11 1/4 x 42 Shelf Nosing (1) - 3/4 x 1 1/2 x 42

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.





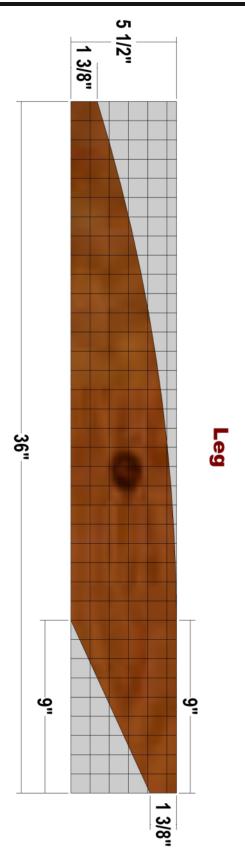




Use the layout on this page or the grid pattern on the next page for creating the Legs. Create one and use it as a template for making the three remaining legs.







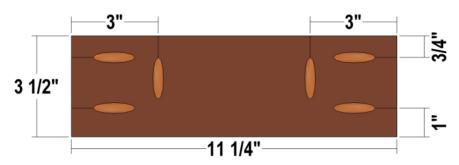


Each full square represents 1 square inch.



Top End Rail





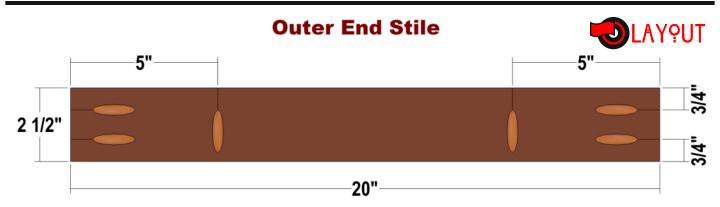
Bottom End Rail





Use the layouts for creating the Top End Rails and Bottom End Rails. Set your Kreg Jig and drill bit for 3/4" stock. Create two of each.





Center End Stile



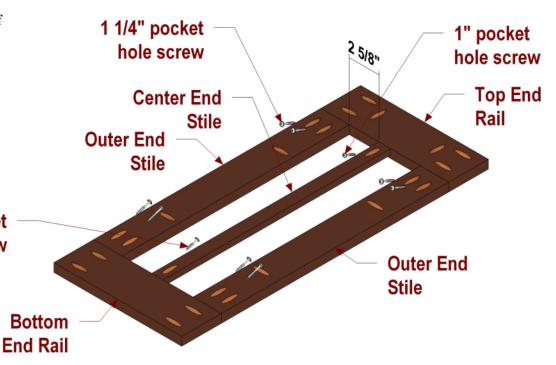


Use the layouts for creating the Outer End Stiles and Center End Stiles. Set your Kreg Jig and drill bit for 3/4" stock for the Outer End Stiles and 1/2" stock for the Center End Stiles. Create four of the Outer End Stiles and two of the Center End Stiles.



1T?NC

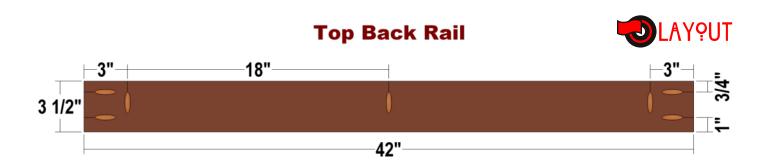
Apply glue to the ends of the stiles, and position the parts as shown. Attach the Outer End Stiles using 1 1/4" pocket hole screws, and the Center End Stile using 1" pocket hole screws. Use a piece of 1/4" scrap to position the Center End Stile flush 1" pocket with the end rails. hole screw Create two assemblies.



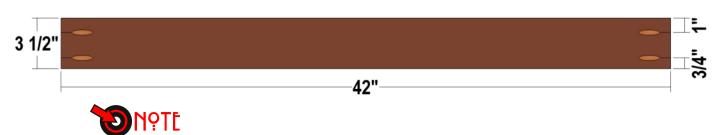






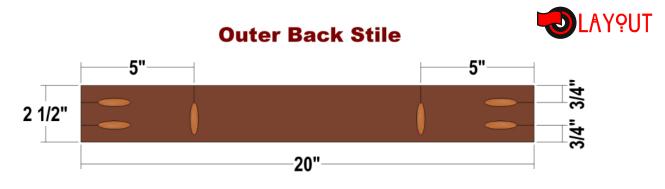


Bottom Back Rail



Use the layouts for creating the Top Back Rail and Bottom Back Rail. Set your Kreg Jig and drill bit for 3/4" stock.

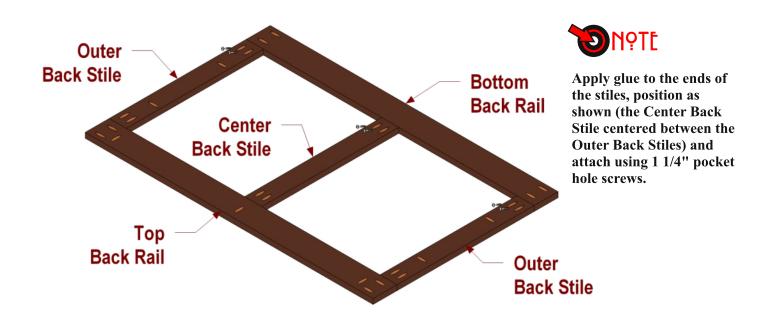




Center Back Stile



Use the layouts for creating the Top Back Rail, Bottom Back Rail, Outer Back Stiles (two), and Center Back Stile. Set your Kreg Jig and drill bit for 3/4" stock.



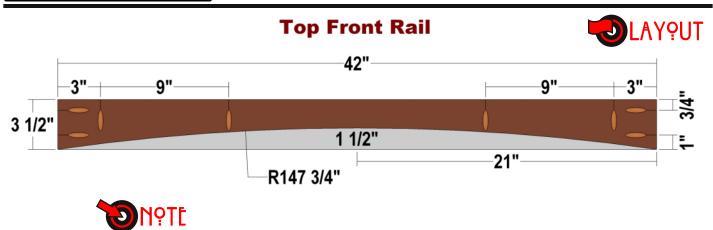




TPN



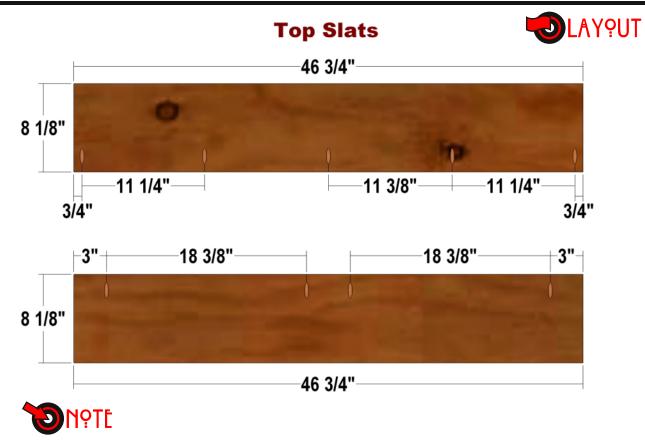




Use the layouts for creating the Top Front Rail. Set your Kreg Jig and drill bit for 3/4" stock.



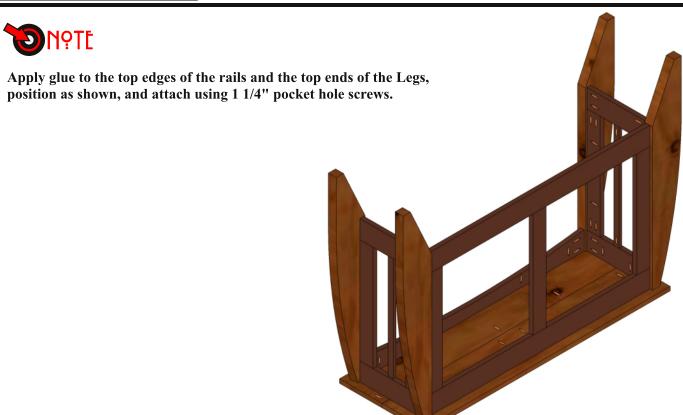




Use the layouts for creating the Top Slats. Set your Kreg Jig and drill bit for 3/4" stock.





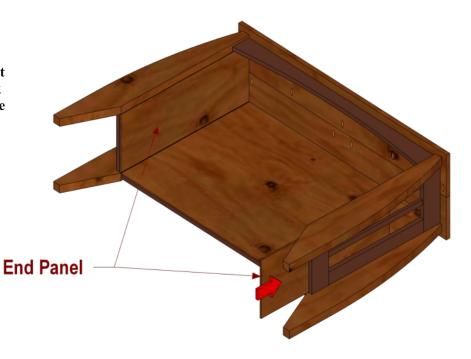






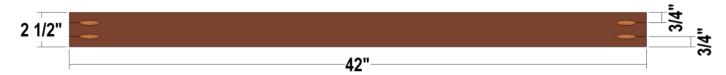


Slide the End Panels into the assembly until they are flush against the Top Slats and attach to the back rails and stils using 3/4" brads. Glue is optional.





Bottom Front Rail





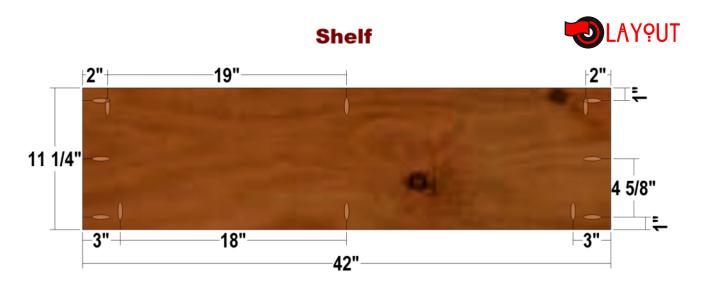
Use the layout for creating the Bottom Front Rail. Set your Kreg Jig and drill bit for 3/4" stock.





Position the Bottom Front Rail flush with the inside edge of the front legs (use scrap 3/4" stock as spacers), and attach using glue and 1 1/4" pocket hole screws.







Use the layout for creating the Shelves. Set your Kreg Jig and drill bit for 3/4" stock. Note that the pocket holes 2" from the end will be place toward the back of the assembly in the following steps.





Position the Shelf Nosing as shown, and attach using glue and 1 1/4" pocket hole screws.







Position the Shelf Nosing/Shelf assembly as shown, and attach using and 1 1/4" pocket hole screws. If you find this assembly a bit too snug to position inside the assembly, simply shave off a bit on the ends using a circular saw, miter saw (if yours can accommodate the width), or a table saw using a crosscut sled. You only want to remove 1/16" or so.



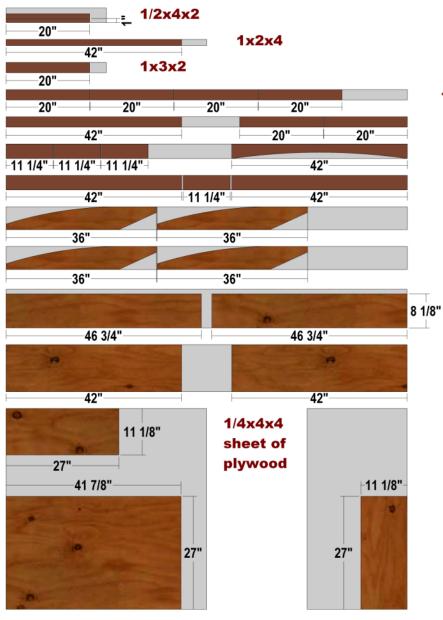


Position the last shelf as shown, and attach using and 1 1/4" pocket hole screws. Again, if you find the shelf to be a bit too snug to position inside the assembly, simply shave off a bit on the ends using a circular saw, miter saw (if yours can accommodate the width), or a table saw using a crosscut sled. You only want to remove 1/16" or so. If you find the Shelf is too deep, rip it slightly on your table saw or using a circular saw with a guide. Again, you only want to remove a very small amount.





CUTTING DIAGRAM



🕏 PARTS 🤹

Legs (4) - 1 1/2 x 5 1/2 x 36

Top End Rails (2) - 3/4 x 3 1/2 x 11 1/4

Bottom End Rails (2) - 3/4 x 3 1/2 x 11 1/4

Outer End Stiles (4) - 3/4 x 2 1/2 x 20

Center End Stiles (2) - 1/2 x 1 x 20

Top Front Rails (1) - 3/4 x 3 1/2 x 42

Top Back Rail (1) - 3/4 x 3 1/2 x 42

Bottom Back Rail (1) - 3/4 x 3 1/2 x 42

Bottom Back Stiles (3) - 3/4 x 2 1/2 x 20

Top Slats (2) - 3/4 x 8 1/8 x 46 3/4

Back Panel (1) - 1/4 x 27 x 41 7/8

End Panels (2) - 1/4 x 11 1/8 x 27

Bottom Front Rail (1) - 3/4 x 2 1/2 x 42

Shelves (2) - 3/4 x 1 1/4 x 42

Shelf Nosing (1) - 3/4 x 1 1/2 x 42

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.

1/4x2x4 sheet of plywood

1x10x8

1x12x8

1x3x8

(2)

1x4x8

(2)

2x6x8

(2)





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!