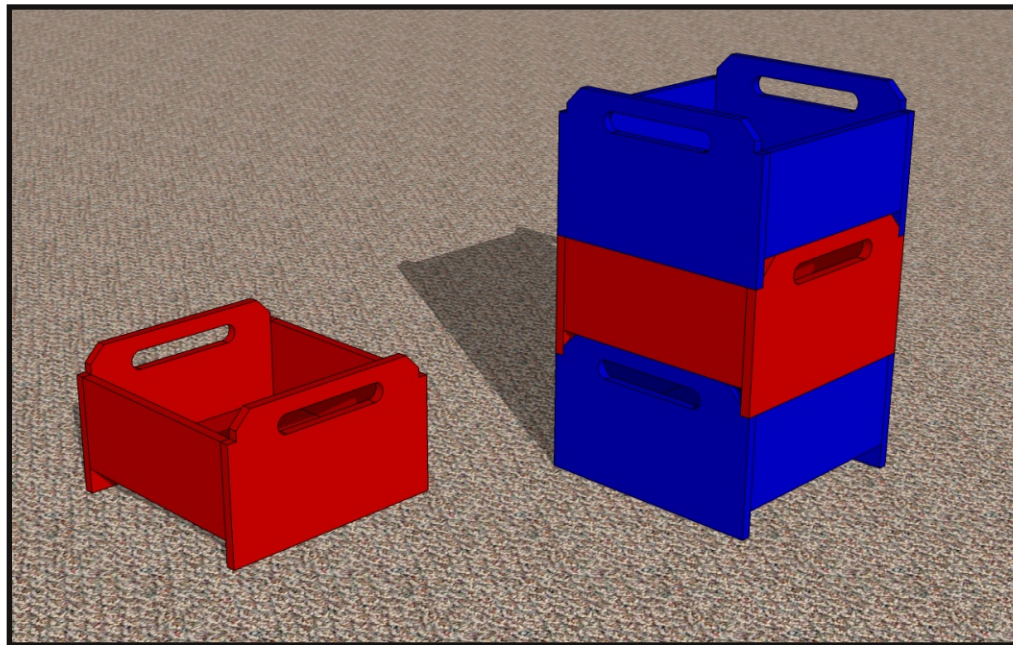


CHIEF'S SHOP PLAN OF THE WEEK



STACKING STORAGE BIN




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. 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:

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

WHAT YOU'LL NEED



LUMBER

- 1 - 1 x 8 x 8
- 1 - 1 x 12 x 8
- 1 - 3/4 x 2 x 4
- sheet of plywood
(availability will vary)
- *this is enough lumber to create two and part of a third bin*

HARDWARE/SUPPLIES

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

TOOLS

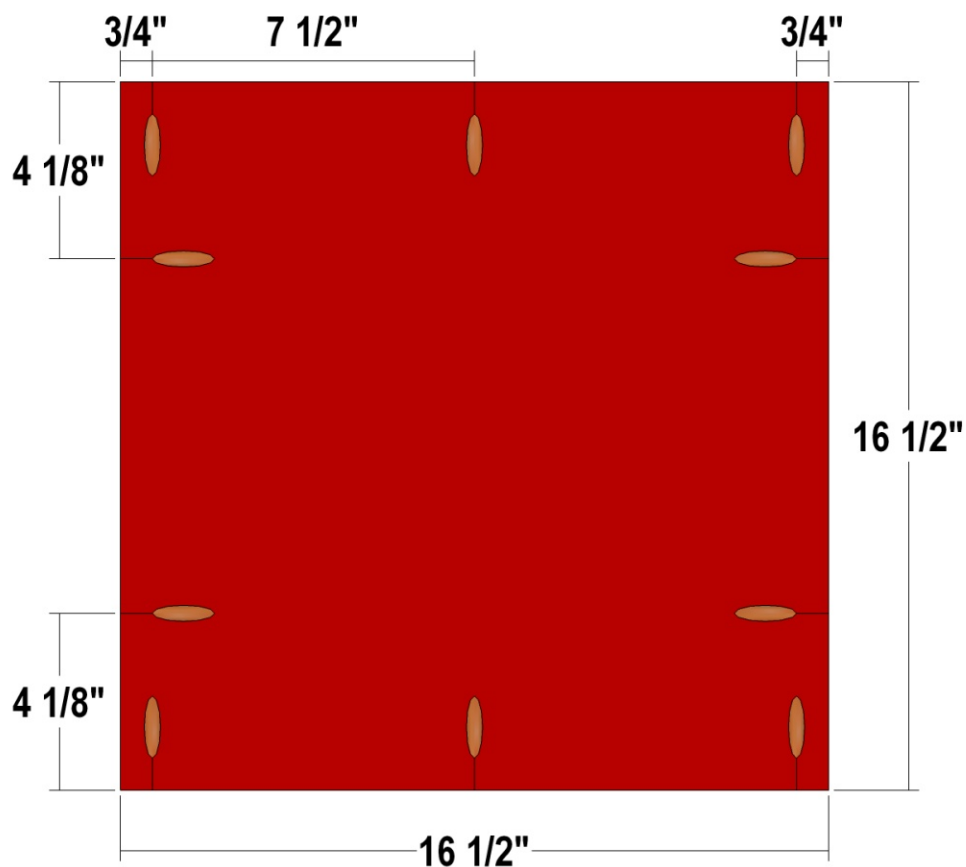
- table saw or circular saw with a guide
- miter saw
- jigsaw
- sander/belt sander
- drill/driver
- 1 1/2" Forstner or spade bit
- Kreg Jig
- beam compass
- clamps
- square

PARTS

- Bottom (1) - 3/4 x 16 1/2 x 16 1/2
- Sides (2) - 3/4 x 7 1/4 x 16 1/2
- Ends (2) - 3/4 x 11 1/4 x 18

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.

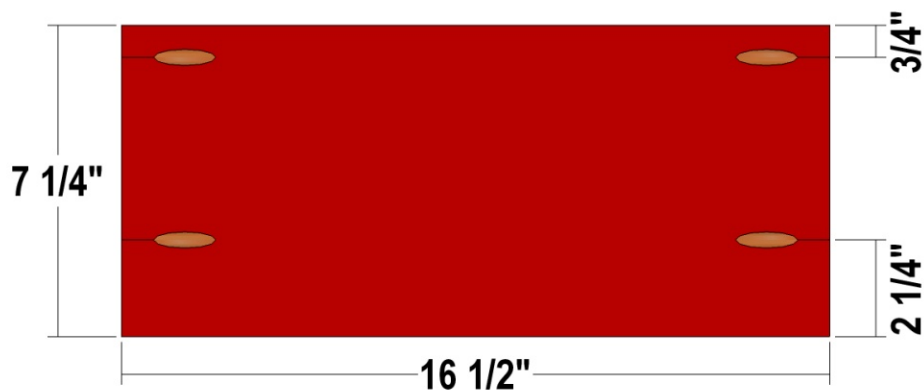
Bottom

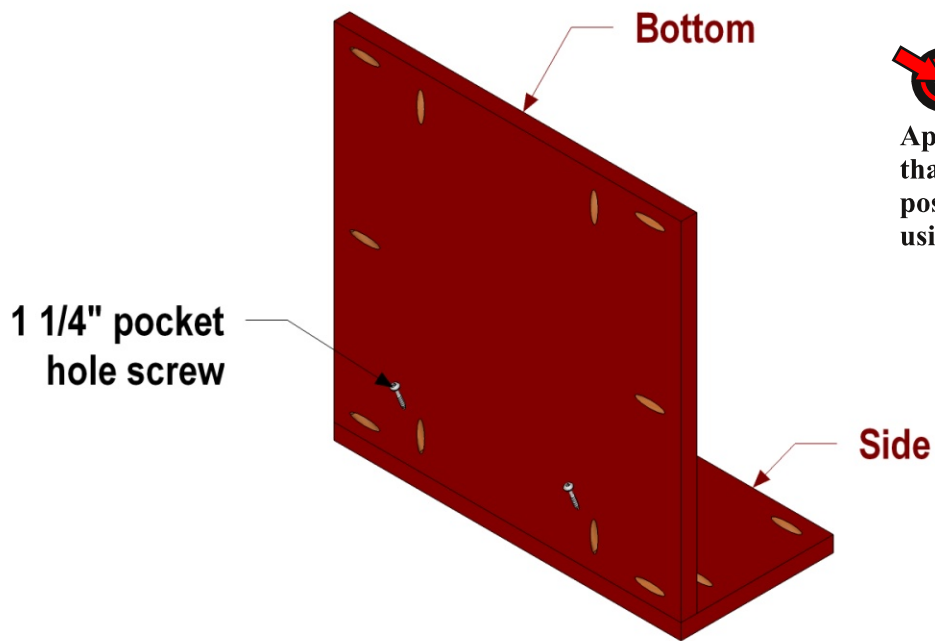


NOTE

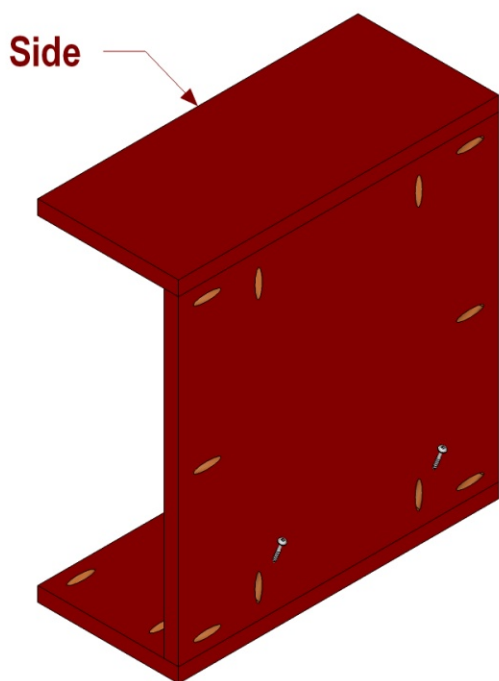
Use the layouts for creating the Bottom and Sides. Set your Kreg Jig and drill bit for 3/4" stock .

Side



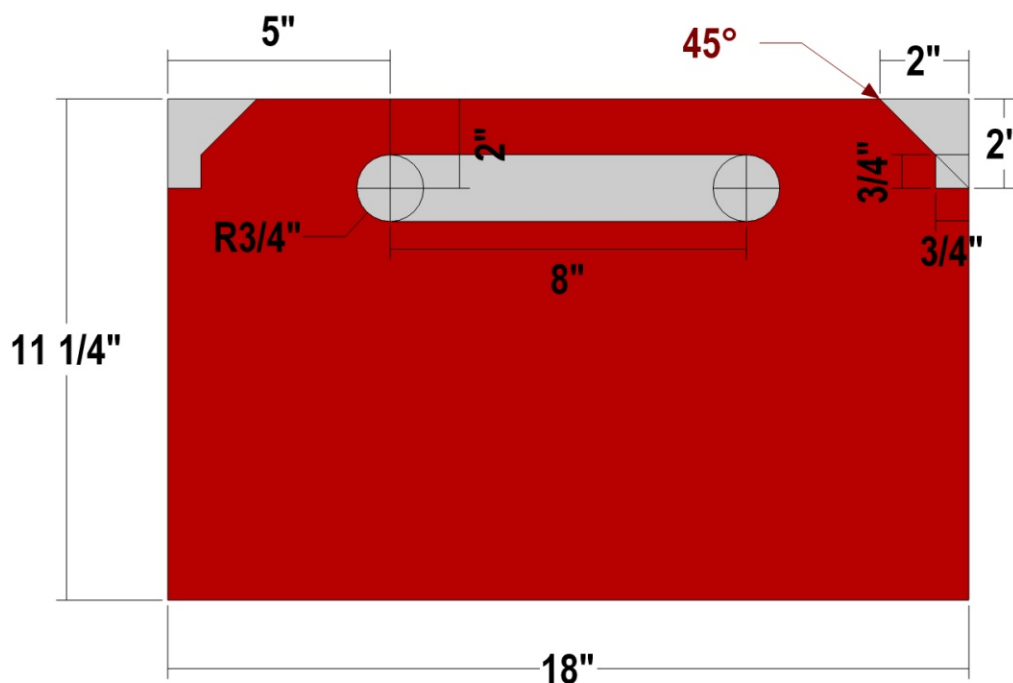


NOTE
Apply glue to the edges of the Bottom that has two pocket holes and position the parts as shown. Attach using 1 1/4" pocket hole screws.



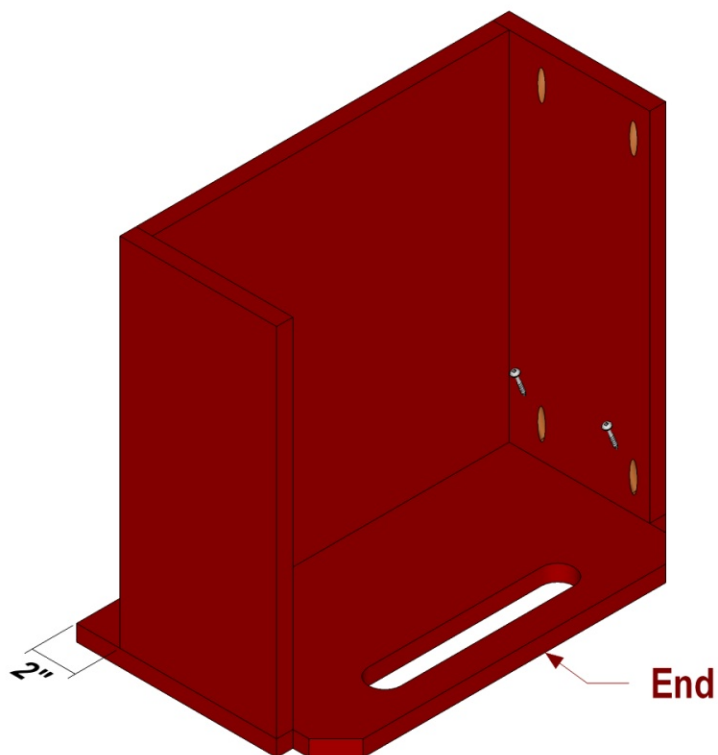
End

LAYOUT



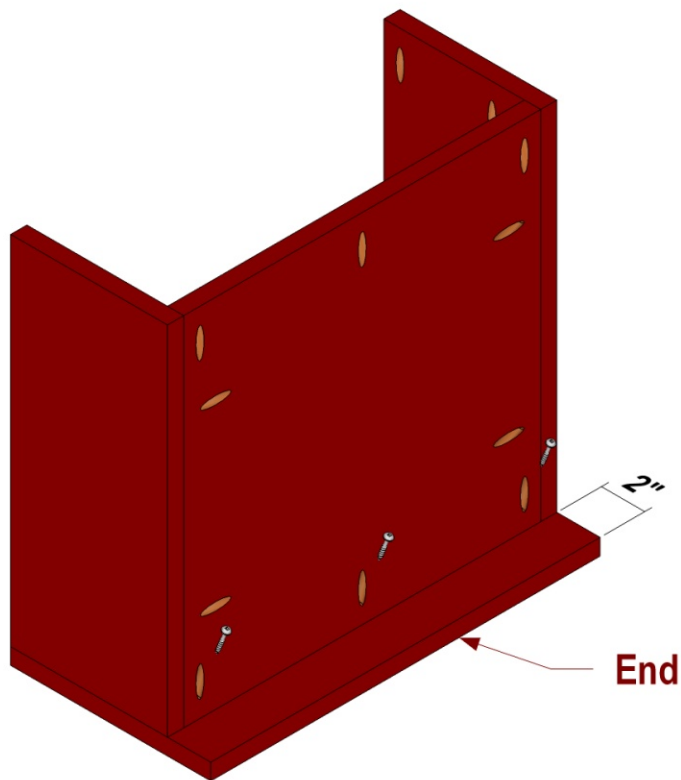
NOTE

Use the layout as a guide for creating the Ends. To create the handle openings, drill 1 1/2" holes first at the centerpoints indicated at left (5" from the end, 2" from the edge). Use a jigsaw to cut out the rest of the opening. Mark the corners as shown, cut the notch first using a jigsaw, then cut the miter using a miter saw.



NOTE

Apply glue to the edges of the Sides and Bottom and position the parts as shown (2" from the edge of the End without the mitered corners). Attach using 1 1/4" pocket hole screws.

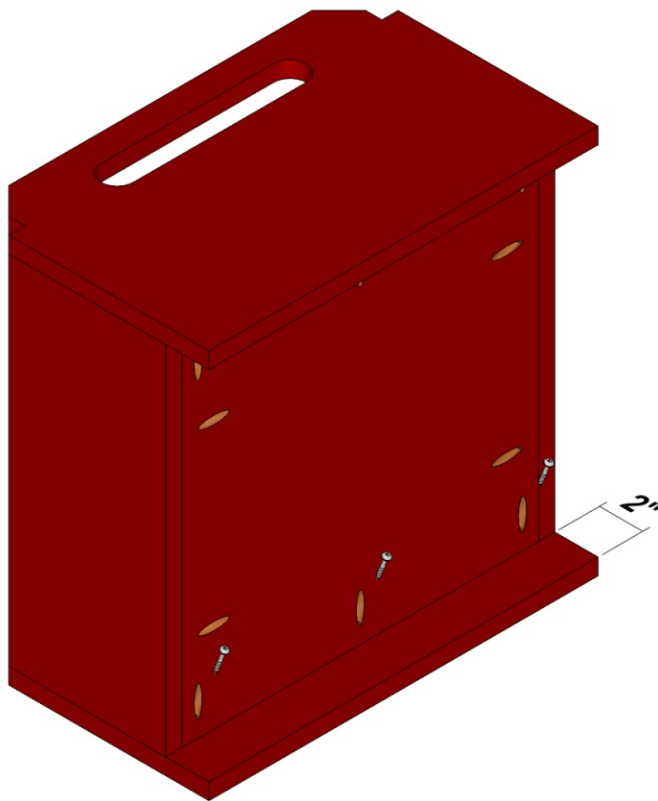


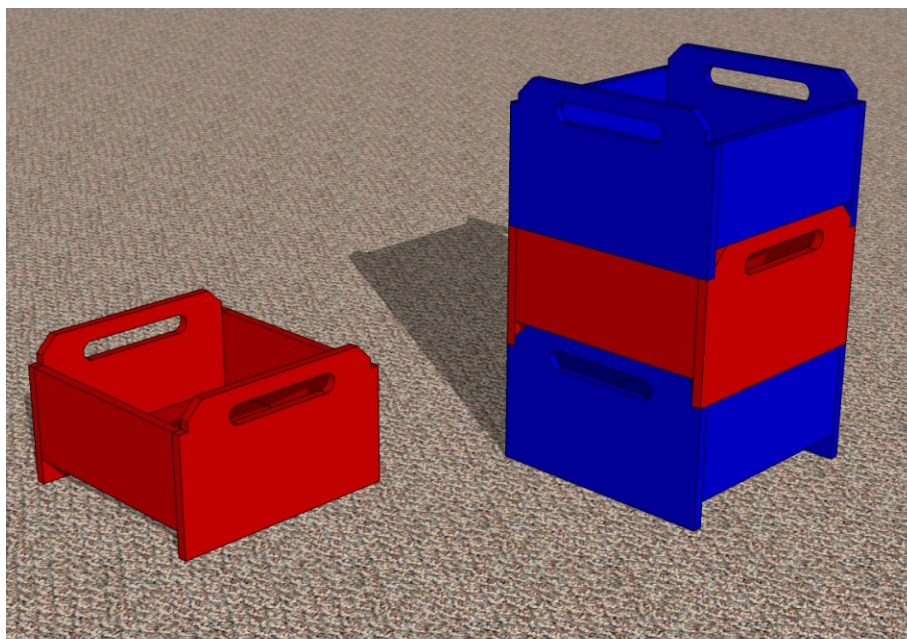
NOTE

Be sure to also drive 1 1/4" pocket hole screws through the Bottom and into the Ends.

NOTE

Attach the remaining End using 1 1/4" pocket holes screws.



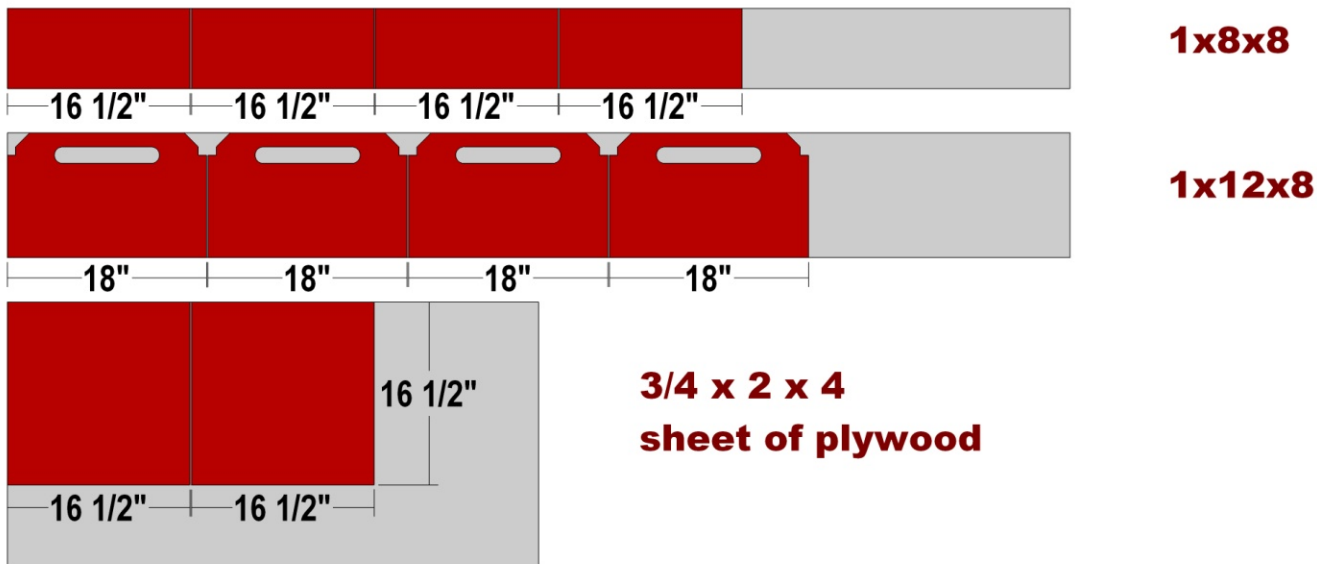


 **NOTE**

Sand the edges and corners of the Ends, and test fit the stacking prior to applying a finish.



CUTTING DIAGRAM



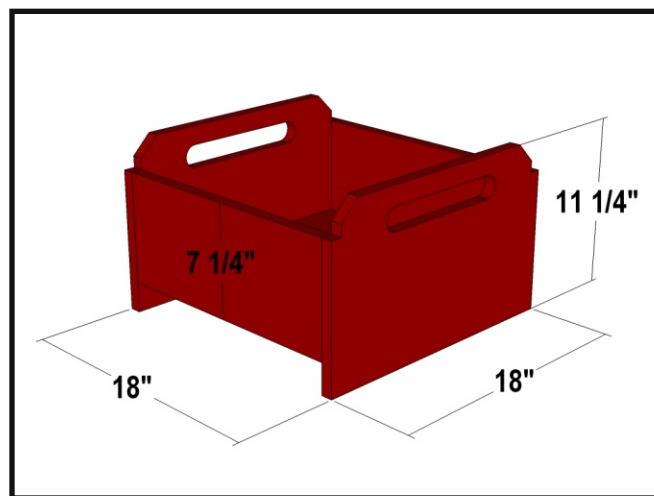
Lumber for two bins

PARTS

Bottom (1) - 3/4 x 16 1/2 x 16 1/2
Sides (2) - 3/4 x 7 1/4 x 16 1/2
Ends (2) - 3/4 x 11 1/4 x 18

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.

Estimated lumber cost (for two):
 \$40-\$45 (white pine, pine plywood)
**it will be significantly cheaper if you cut all parts from one full sheet of plywood - this is not shown in the above cutting diagram*



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!