

CHIEF'S SHOP PLAN OF THE WEEK



DECORATIVE PLANTER



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.



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WHAT YOU'LL NEED



LUMBER

4 - 1x6x8
5 - 2x4x8
2 - 2x6x8
(availability will vary)

HARDWARE/SUPPLIES

9/16" galvanized staples
1 1/4" galvanized brads
1 1/4" deck screws
Kreg 2 1/2" pocket hole screws
wood glue, wood filler,
pocket hole plugs, choice of
finish
hardware cloth
landscape fabric

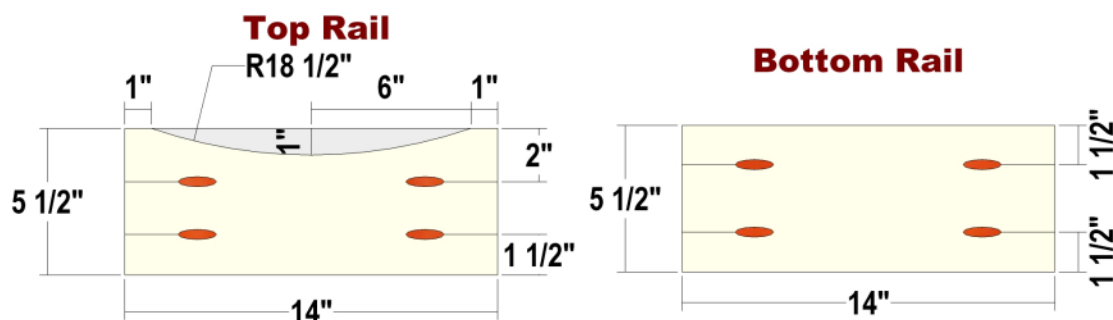
TOOLS

miter saw
router with a 45-degree
chamfer bit (optional)
sander/belt sander
jig saw
drill/driver
Kreg Jig
staple gun
clamps
square

PARTS

top end rails (4) - 1 1/2 x 5 1/2 x 14
bottom end rails (4) - 1 1/2 x 5 1/2 x 14
stiles (8) - 1 1/2 x 1 1/2 x 18 1/2
legs (8) - 1 1/2 x 3 1/2 x 36
bottom slats (5) - 1 1/2 x 3 1/2 x 21
outer side slats (8) - 3/4 x 5 1/2 x 24
center side slats (4) - 3/4 x 5 1/2 x 24
long slat edging (2) - 3/4 x 1 1/2 x 21
short slat edging (2) - 3/4 x 1 1/2 x 15
long trim (4) - 3/4 x 1 1/2 x 6
short trim (4) - 3/4 x 1 1/2 x 4 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.



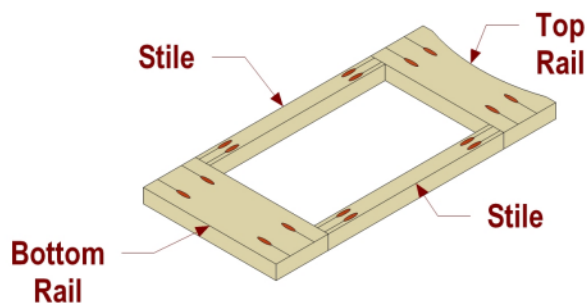
 NOTE

Use the layout for creating the Top Rails, Bottom Rails, and Stiles. **Set your Kreg Jig and drill bit for 1 1/2" stock for the pocket holes. Use a jigsaw to cut the arc in the Top Rail.**

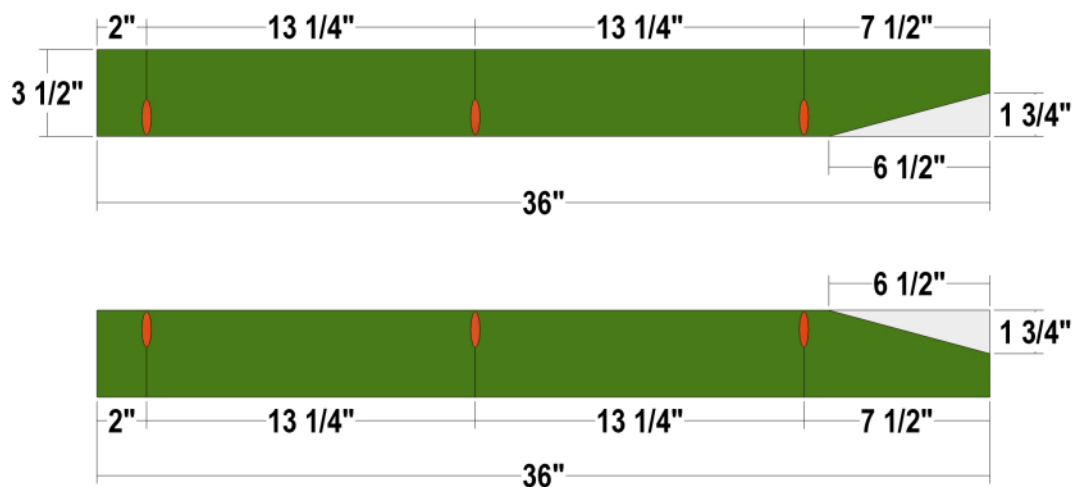


 NOTE

Apply glue to the ends of the Stiles, position as shown, and attach to the Top Rail and Bottom Rail using 2 1/2" pocket hole screws. Create four assemblies.



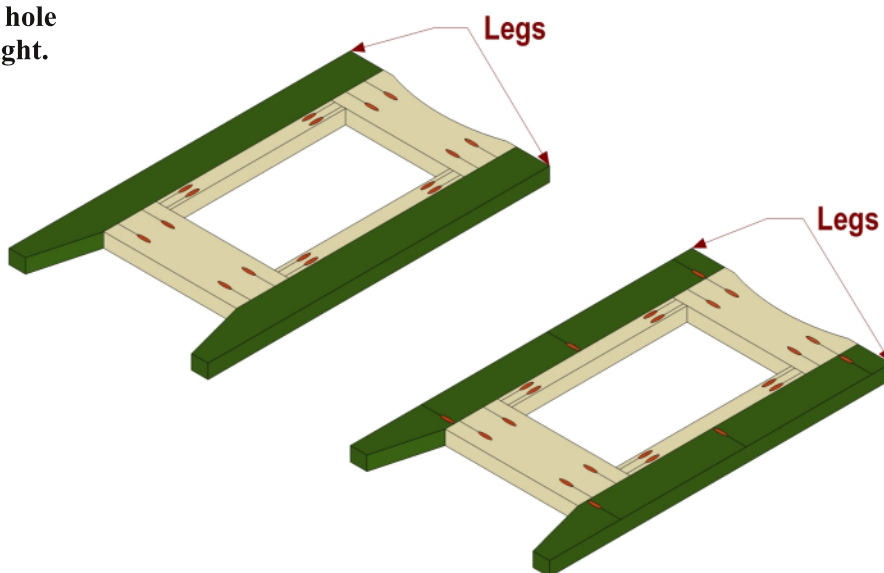
Legs

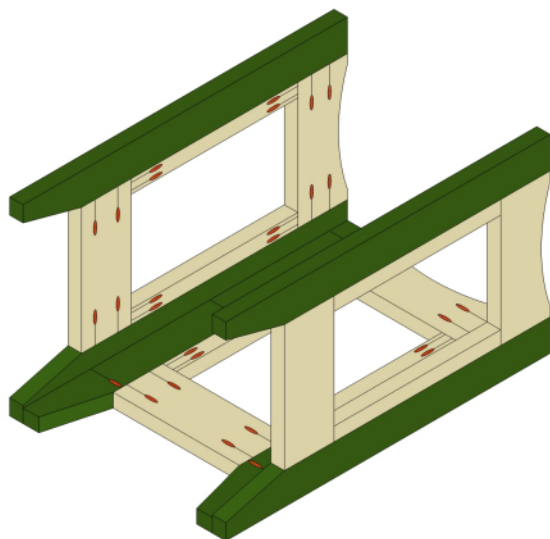


Use the layout for creating the Legs. Set your Kreg Jig and drill bit for 1 1/2" stock for the pocket holes. Create two of each of the above Leg layouts. Create four Legs without pocket holes.



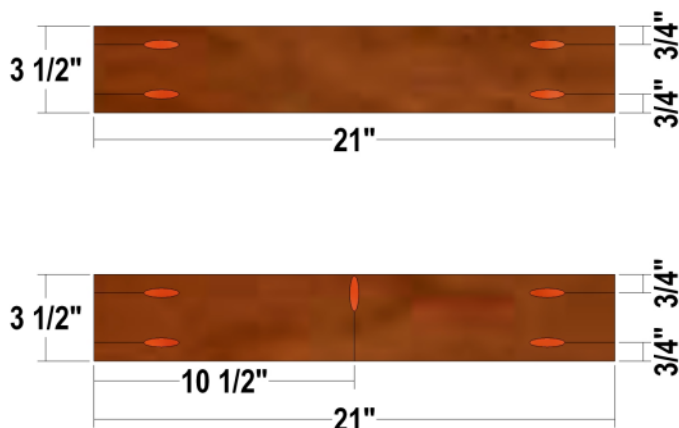
Apply glue to the ends of the Top Rails and Bottom Rails, and the outside edges of the Stiles, position as shown, and attach using 2 1/2" pocket hole screws. Create two of each assembly at right.





Apply glue to the outside edges of the Legs on one assembly with pocket holes on the legs, position as shown, and attach using 2 1/2" pocket hole screws.

Bottom Slats

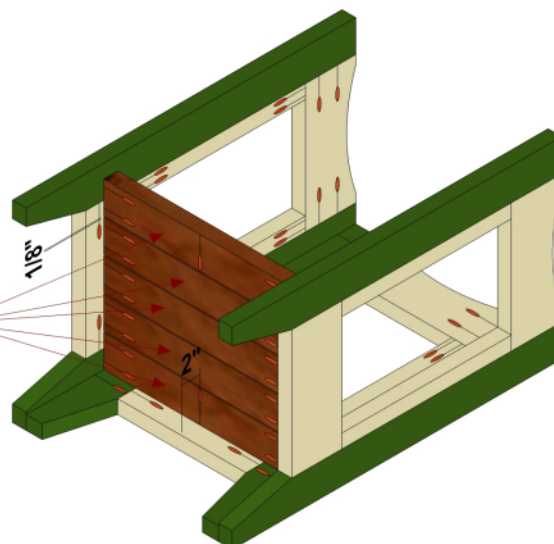


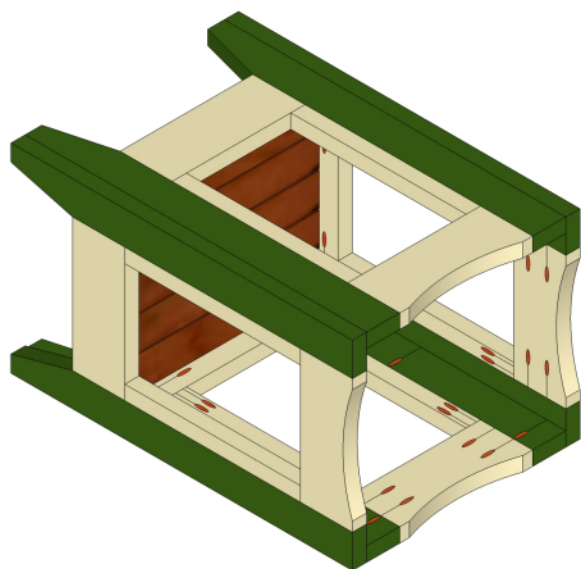
Use the layout for creating the Bottom Slats. Set your Kreg Jig and drill bit for 1 1/2" stock for the pocket holes. Create three of the top layout and two of the bottom layout.



Apply glue to the ends of the Bottom Slats, position as shown, and attach using 2 1/2" pocket hole screws. Be sure to position the two Slats with the vertical pocket hole on the outside edges.

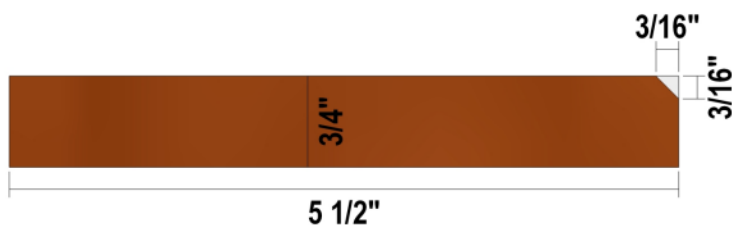
Bottom
Slats





Position the remaining Leg-Rail assembly as shown and attach using 2 1/2" pocket hole screws.

Outer Side Slat



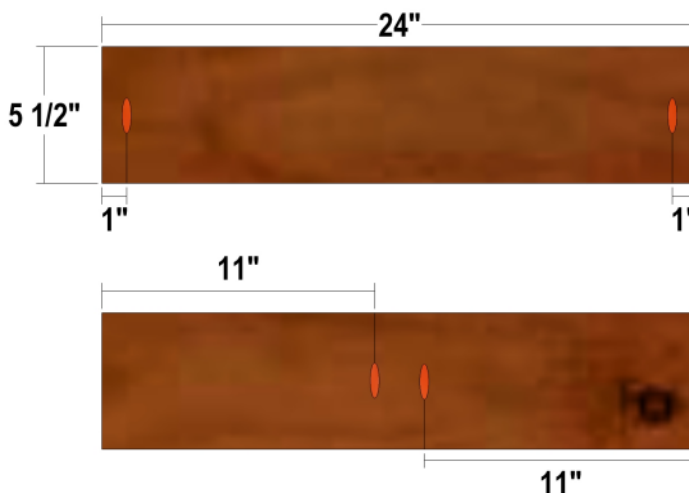
Center Side Slat



Use a router with a 45-degree chamfer bit to create the profile on the Outer Side Slat and Center Side Slat as shown. You could alternately use a power sander to create these profiles. Do not create the profiles larger than shown, or it will interfere with the pocket holes.

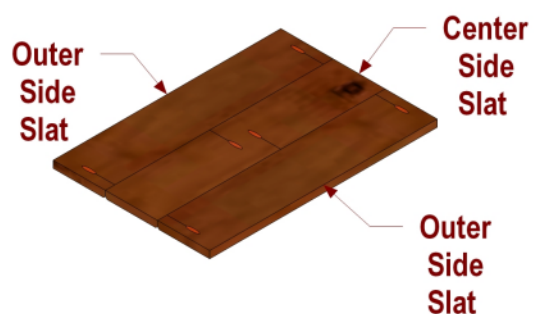


Use the layout for creating the Outer Side Slats and Center Side Slats. Set your Kreg Jig and drill bit for 1 1/2" stock for the pocket holes. Create eight of the top layout and four of the bottom layout.



Outer Side Slat

Center Side Slat



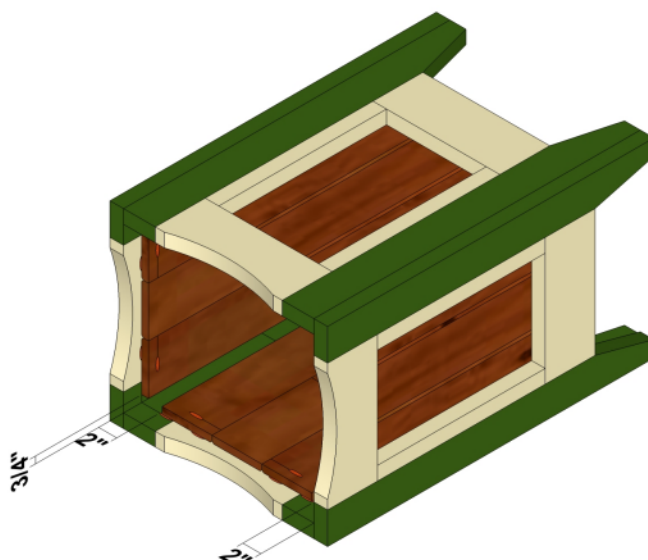
NOTE

Apply glue to the edges of the Center Side Slat, position as shown, and attach the Slats using 2 1/2" pocket hole screws.



NOTE

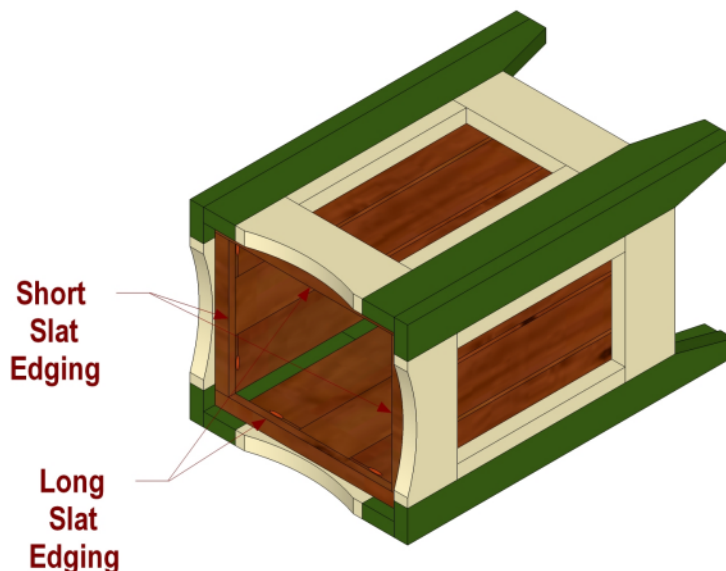
Position the Side Slat Assemblies as shown, mark their positions, remove, and apply glue to the inside of the assembly where they meet. Put the Side Slat Assemblies back in place and attach using 1 1/4" galvanized brads or 1 1/4" deck screws.



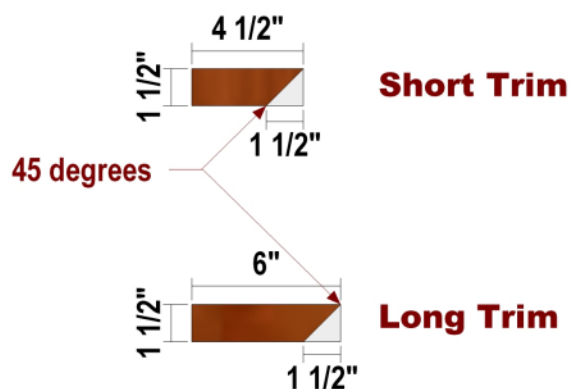


NOTE

Apply glue to the top edge of the Side Slats, position the Short Slat Edging and Long Slat Edging as shown, and attach using 1 1/4" galvanized brads.



LAYOUT



NOTE

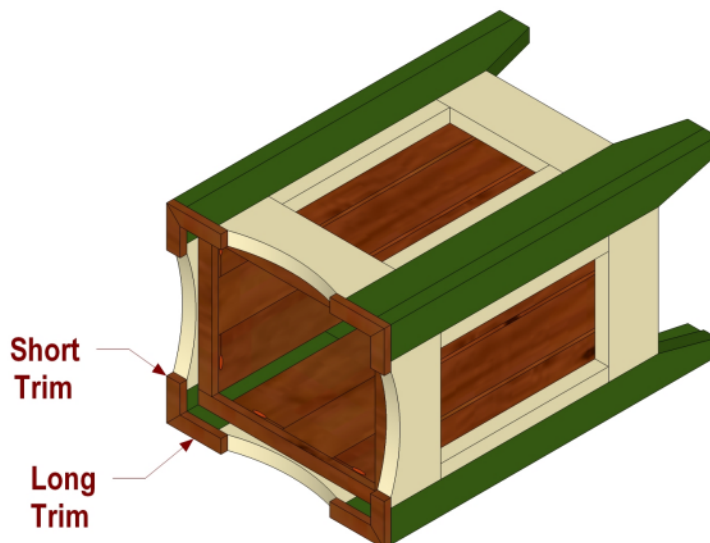
Use the layout for creating the Short Trim and Long Trim. **Cut these pieces from longer ripped pieces as shown in the Cutting Diagram. Do not try to cut the miters after cutting the parts to length.**



NOTE

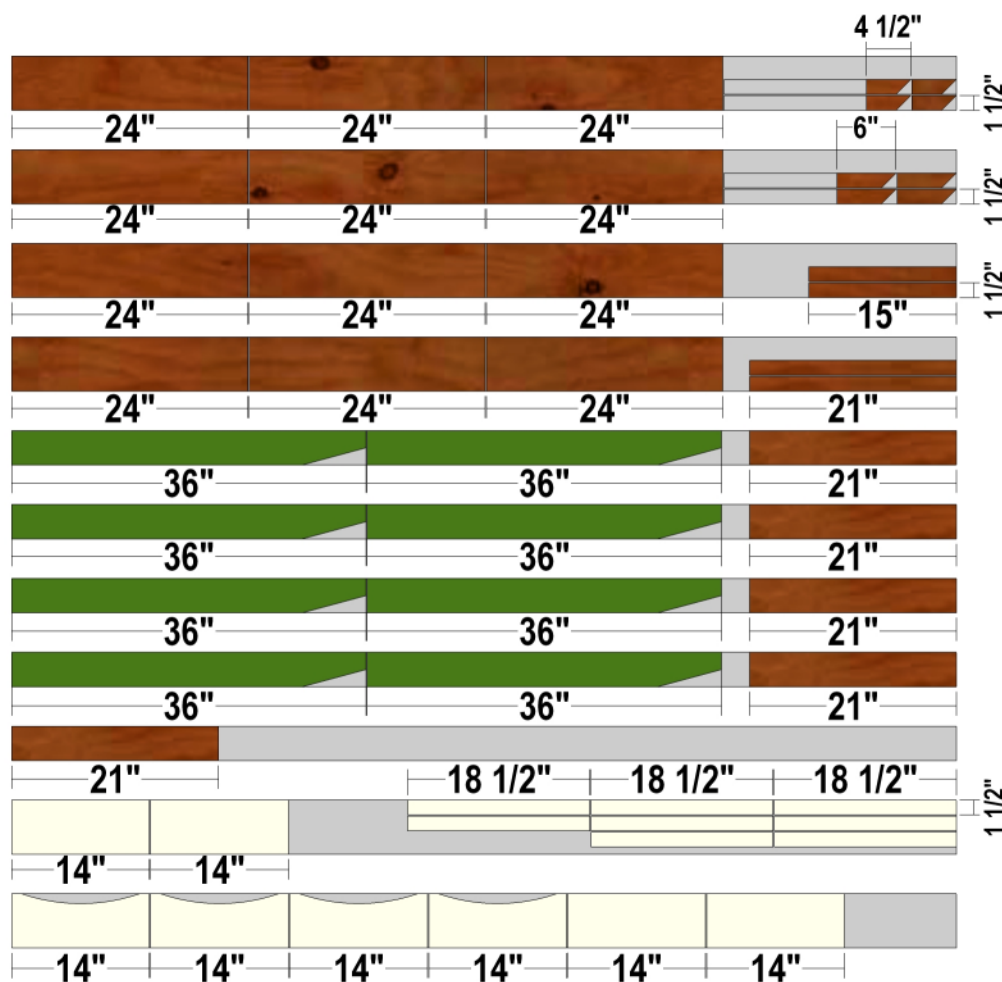
Apply glue to the top ends of the Legs, position the Trim as shown, and attach using 1 1/4" galvanized brads.

Cut hardware cloth to fit the inside of the bottom of the assembly and staple in place using 9/16" galvanized staples. Cut landscape cloth to fit the bottom of the assembly and staple in place.





CUTTING DIAGRAM

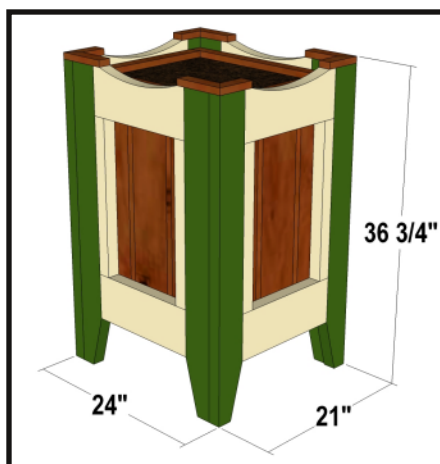


**1x6x8
(4)**

**2x4x8
(5)**

**2x6x8
(2)**

Estimated lumber cost:
starting at \$55 for one



PARTS

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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!