

CHIEF'S SHOP PLAN OF THE WEEK



SIMPLE WOODWORKING: RAISED PLANTER



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.

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.

WHAT YOU'LL NEED



LUMBER

2 - 4 x 4 x 8
2 - 2 x 10 x 8
3 - 2 x 4 x 8

(availability will vary - cedar, redwood or treated))

HARDWARE/SUPPLIES

3" deck screws
2 1/2" pocket hole screws
galvanized staples
heavy-duty/professional landscape fabric
wood glue
sealer

TOOLS

miter saw or circular saw
drill/driver
Kreg jig and drill bit
pneumatic or hand stapler
power sander
clamps
square

PARTS

End Rails (2) - 1 1/2 x 9 1/4 x 25 3/4
Side Rails (2) - 1 1/2 x 9 1/4 x 36
Legs (4) - 3 1/2 x 3 1/2 x 38
Slats (9) - 1 1/2 x 3 1/2 x 25 3/4

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.



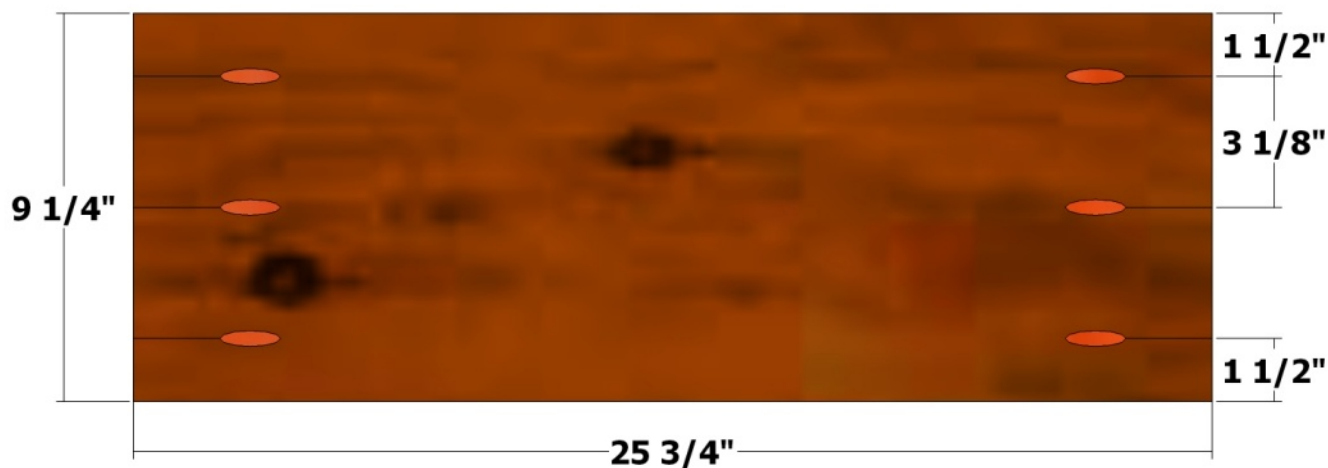
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LAYOUT

End Rail



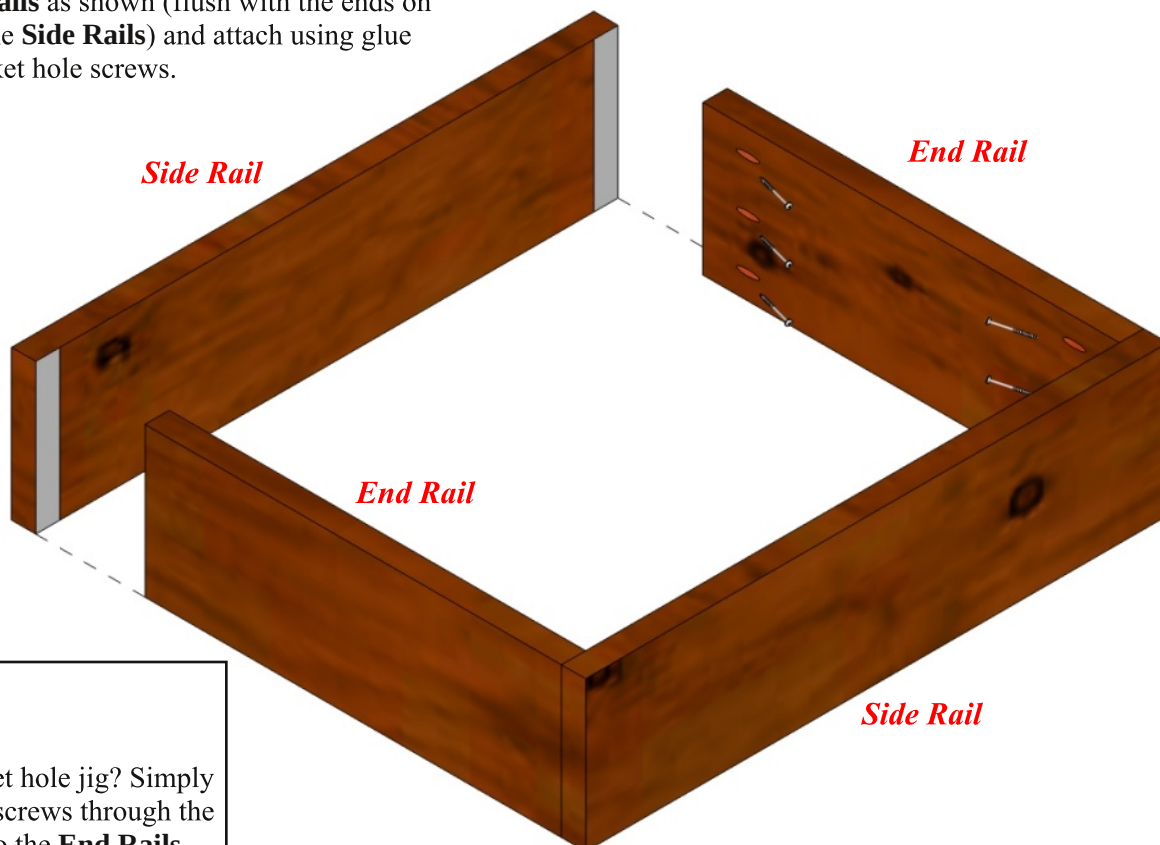
NOTE

Use the layout as guide for measuring, marking, cutting, and drilling pocket holes in the **End Rails**. Set your pocket hole jig and drill bit for 1 1/2-inch stock.



NOTE

Position the **End Rails** as shown (flush with the ends on the inside face of the **Side Rails**) and attach using glue and 2 1/2-inch pocket hole screws.



NOTE

Don't have a pocket hole jig? Simply drive 3-inch deck screws through the **Side Rails** and into the **End Rails**.

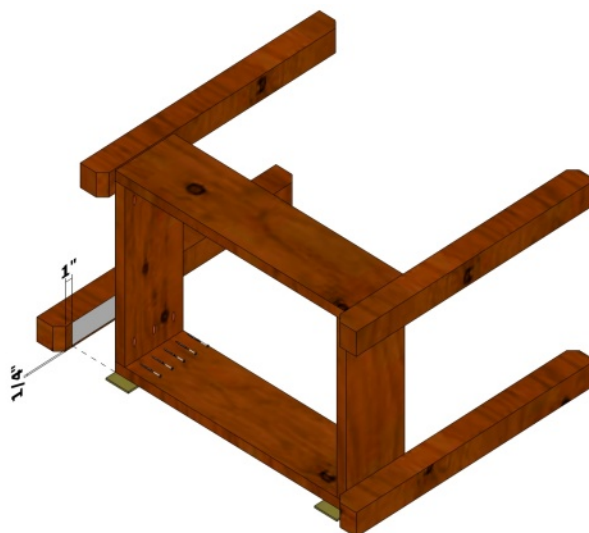
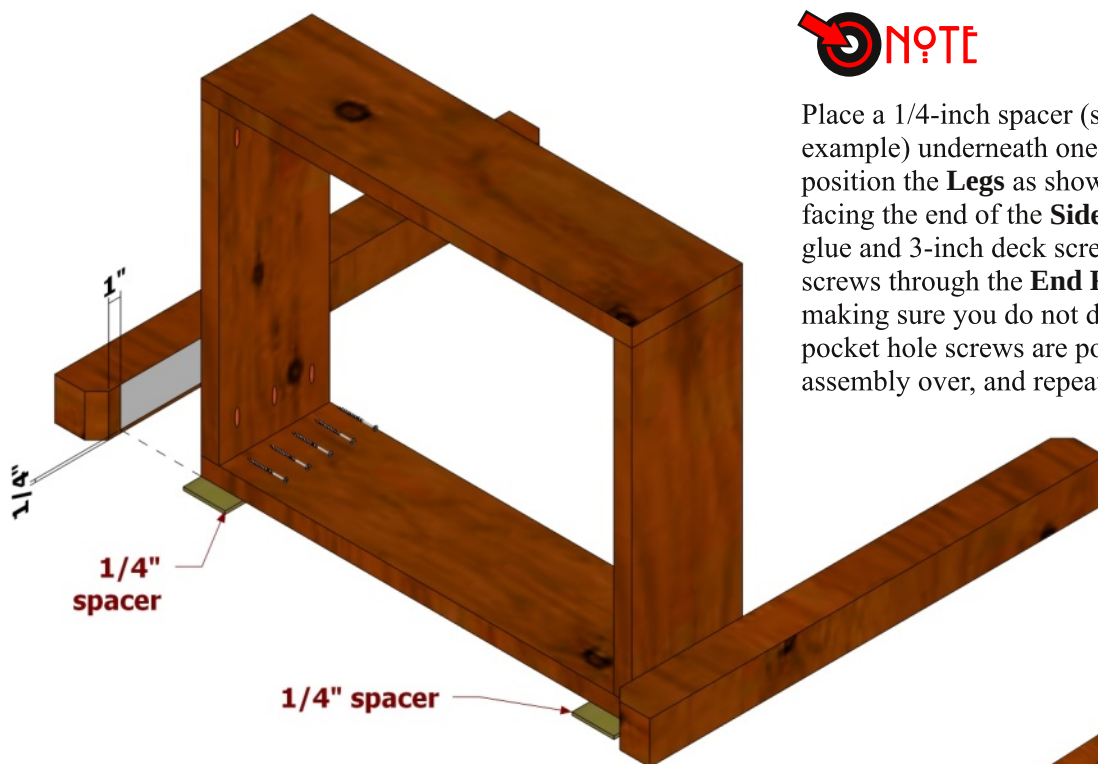
LAYOUT



NOTE Use the layout as a guide for measuring, marking, and cutting the **Legs**.

NOTE

Place a 1/4-inch spacer (scrap plywood for example) underneath one **Side Rail**, then position the **Legs** as shown (with the bevel cut facing the end of the **Side Rails**) and attach using glue and 3-inch deck screws. Drive the deck screws through the **End Rails** and into the **Legs**, making sure you do not drive them where the pocket hole screws are positioned). Flip the assembly over, and repeat, as shown below.



LAYOUT

Slat



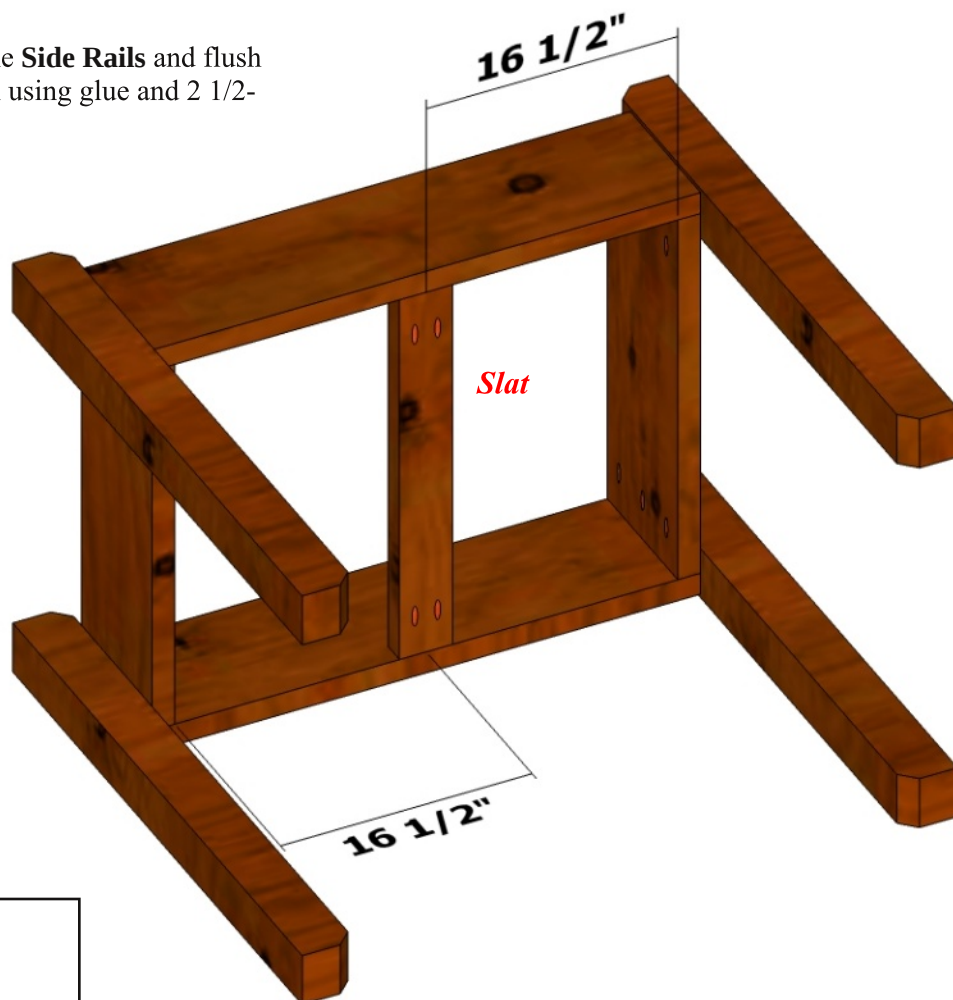
NOTE

Use the layout as guide for measuring, marking, cutting, and drilling pocket holes in the **Slats**. Set your pocket hole jig and drill bit for 1 1/2-inch stock.



NOTE

Position one **Slat** centered on the **Side Rails** and flush with the bottom edge and attach using glue and 2 1/2-inch pocket hole screws.



NOTE

Don't have a pocket hole jig? Simply drive 3-inch deck screws through the **Side Rails** and into the **Slat**.

NOTE

Position **Slats** as shown, 1/4-inch apart, (one on either side of the first Slat) and attach using glue and 2 1/2-inch pocket hole screws.

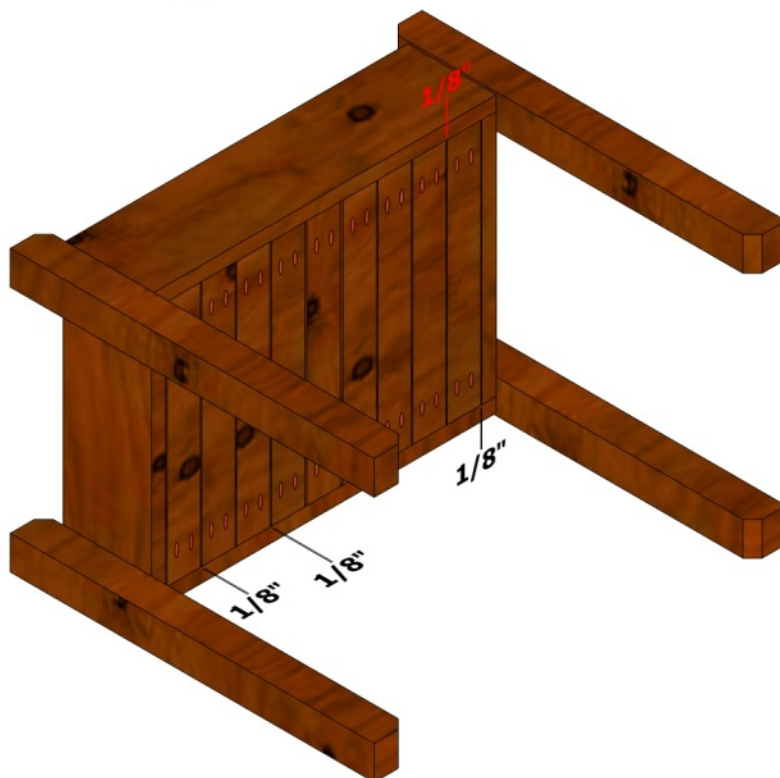


NOTE

Don't have a pocket hole jig? Simply drive 3-inch deck screws through the **Side Rails** and into the **Slats**.

NOTE

Position the remaining **Slats** spaced roughly 1/8 inch apart (a wooden paint stirrer works well as a spacer). Attach using glue and 2 1/2-inch pocket hole screws.

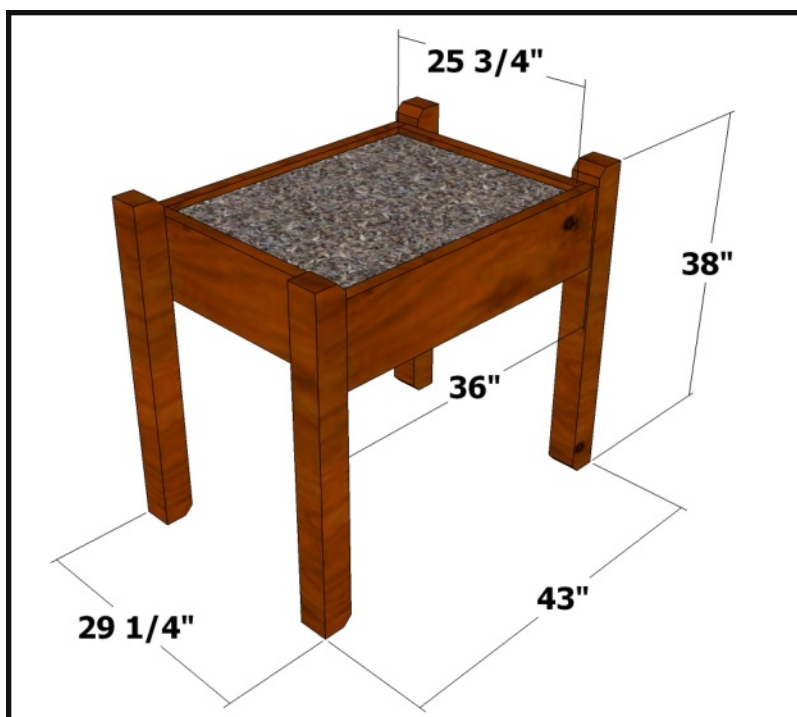
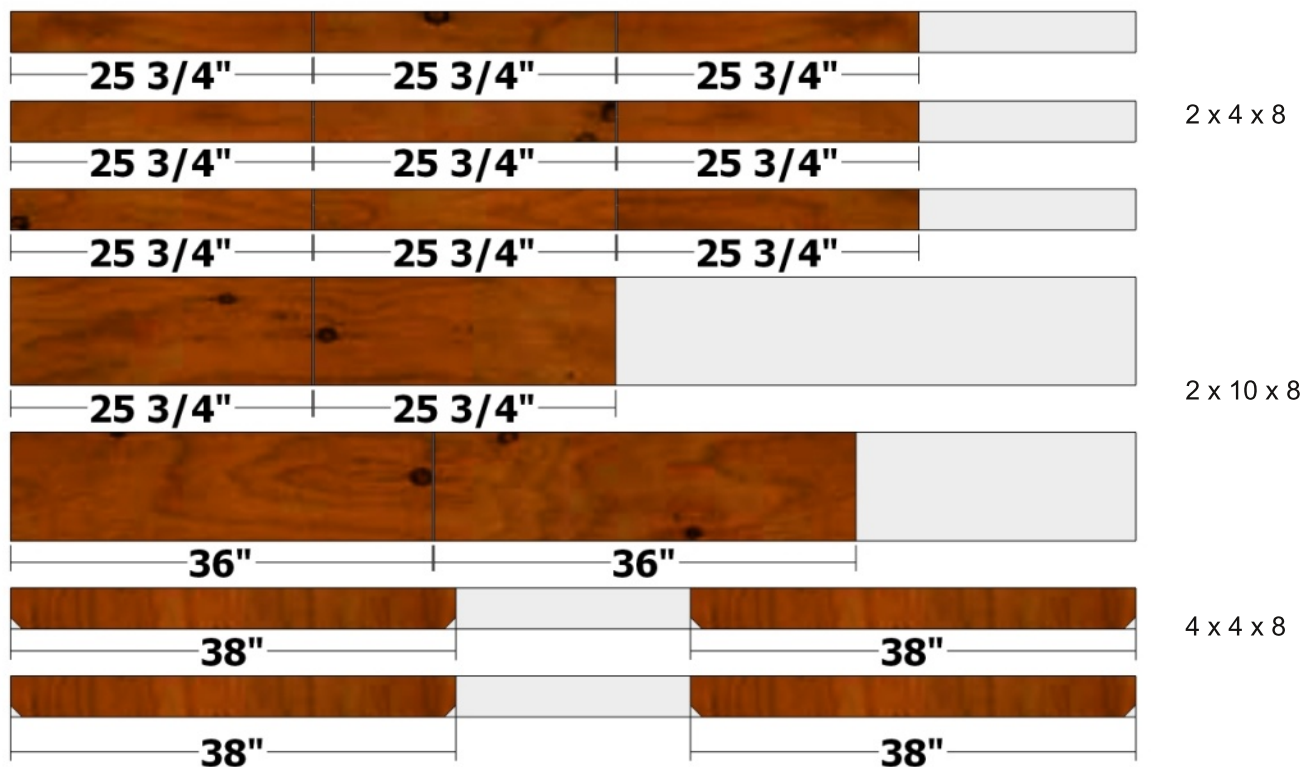


 NOTE

Apply an exterior sealer to the entire project (especially if using cedar). Line the inside of the planter with at least one layer of heavy-duty/professional landscape cloth, or a liner of your choice, and attach using galvanized staples.



K CUTTING DIAGRAM



PARTS

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Slats (9) - 1 1/2 x 3 1/2 x 25 3/4

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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!