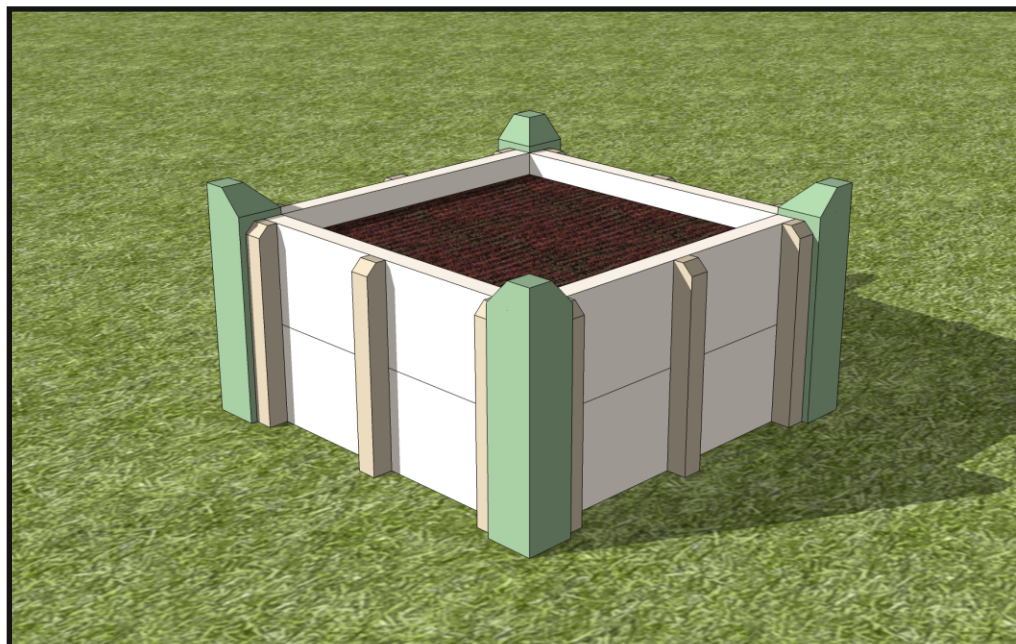


# CHIEF'S SHOP PLAN OF THE WEEK

## 2X2 PLANTER



### WHAT YOU'LL NEED



#### LUMBER

1 - 4 x 4 x 8  
3 - 2 x 8 x 8  
(availability will vary)

#### HARDWARE/SUPPLIES

2 1/2" pocket hole screws  
2 1/2" deck screws  
wood glue  
paint, stain, polyurethane,  
or sealer

#### TOOLS

table saw  
miter saw  
sander/belt sander  
drill/driver  
Kreg Pocket Hole Jig  
clamps  
square

### 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

Want more Chief's Shop plans? Visit [chiefs-shop.com](http://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://facebook.com/ChiefsShop).



### PARTS

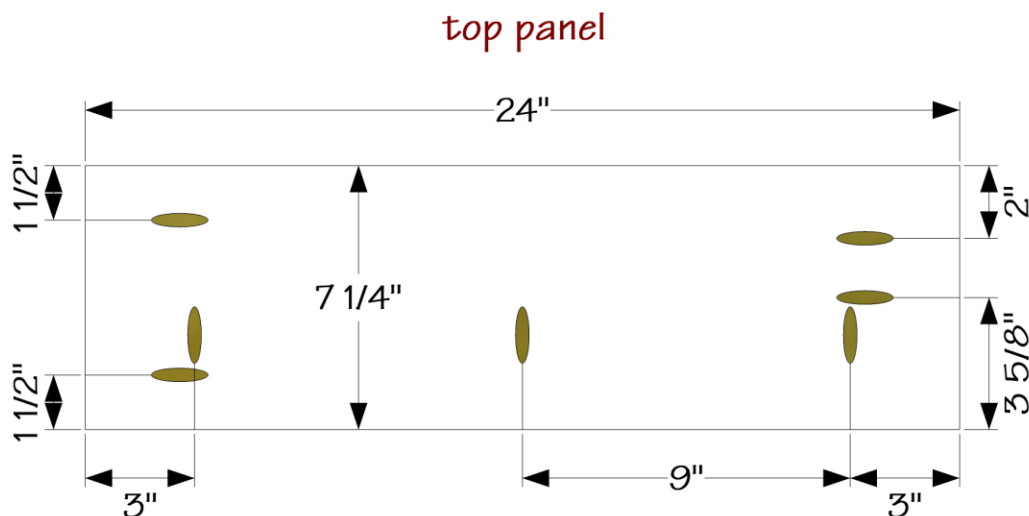


top panels (4) - 1-1/2 x 7-1/4 x 24  
bottom panels (4) - 1-1/2 x 7-1/4 x 24  
trim (12) - 1-1/2 x 1-1/2 x 14-1/2  
posts (4) - 3-1/2 x 3-1/2 x 16-3/4

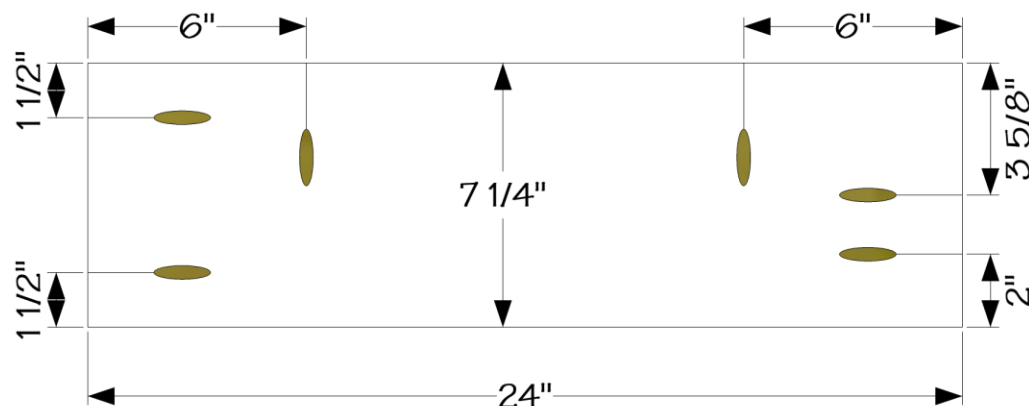
All parts are listed in actual dimensions. Refer to the Cutting Diagram on the last page of this plan as a guide for determining the specific board from which to cut the parts.

### VIDEO?

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



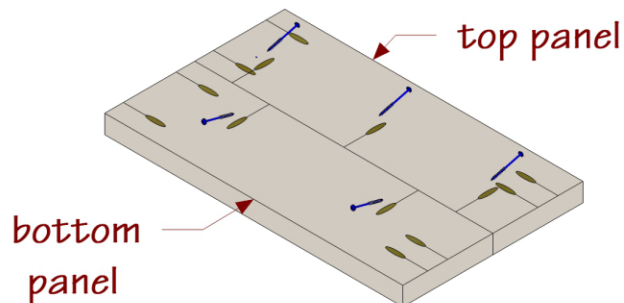
bottom panel



Use the layouts to create the top panels and bottom panels. **Set your pocket hole jig and drill bit for 1 1/2" stock** for drilling the pocket holes. Note the pocket hole placements on the ends.

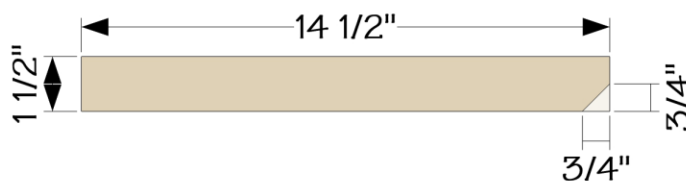


Position the parts as shown and attach using 2 1/2" pocket hole screws. Create four assemblies.

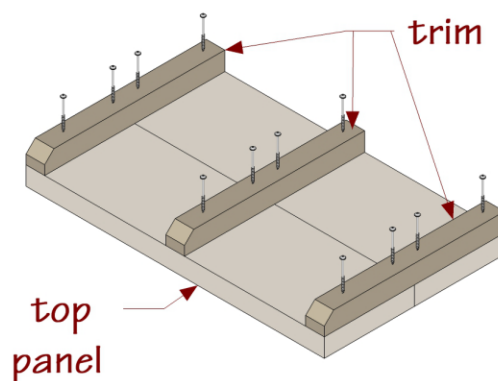


Use the layout to create the trim parts (12 total). The angle of the cut is 45 degrees.

trim



Position the parts as shown and attach using 2 1/2" deck screws. Do this to all four assemblies.



## NOTE

Use the layouts to create the posts. Cut one 45 degree miter as show at top, rotate the part away from you, then cut the second miter. (Note: The bottom layout as been flipped lengthwise for a better view.)

## LAYOUT

post  
(first miter cut)

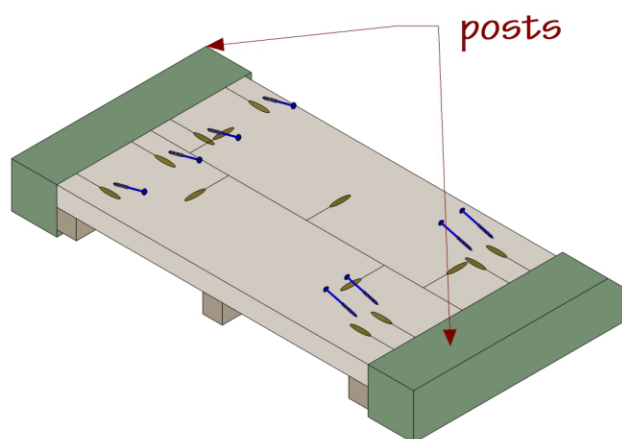


post  
(second miter cut)



## NOTE

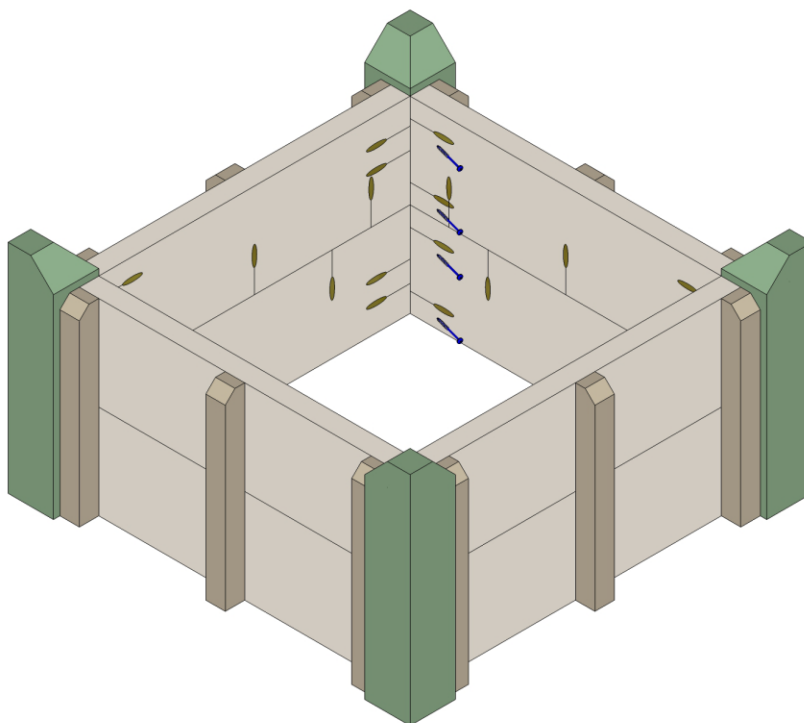
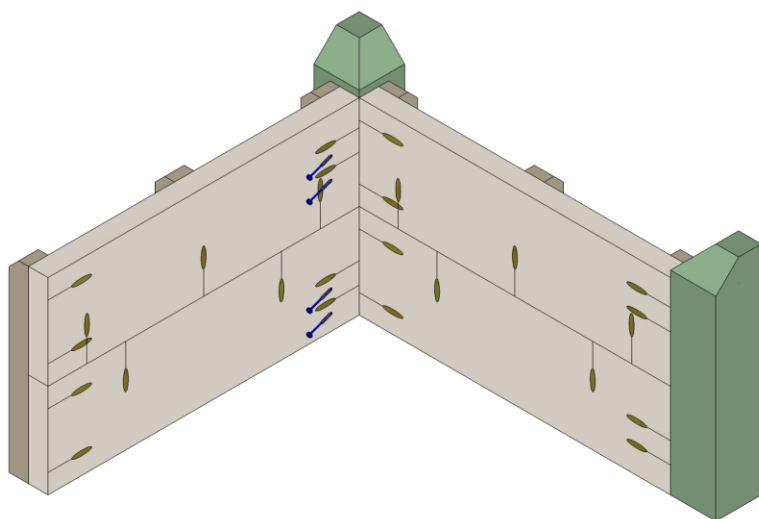
Position the parts as shown and attach using 2 1/2" pocket hole screws. Create two assemblies.





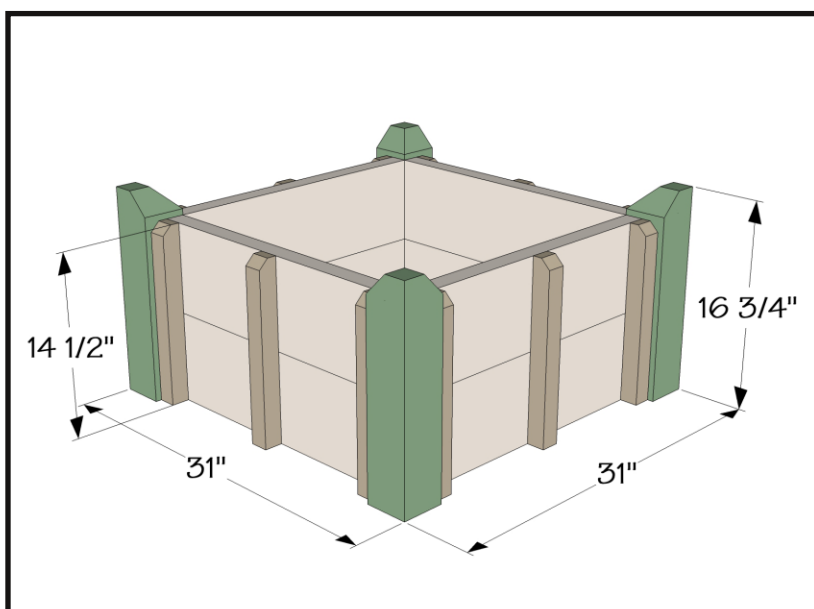
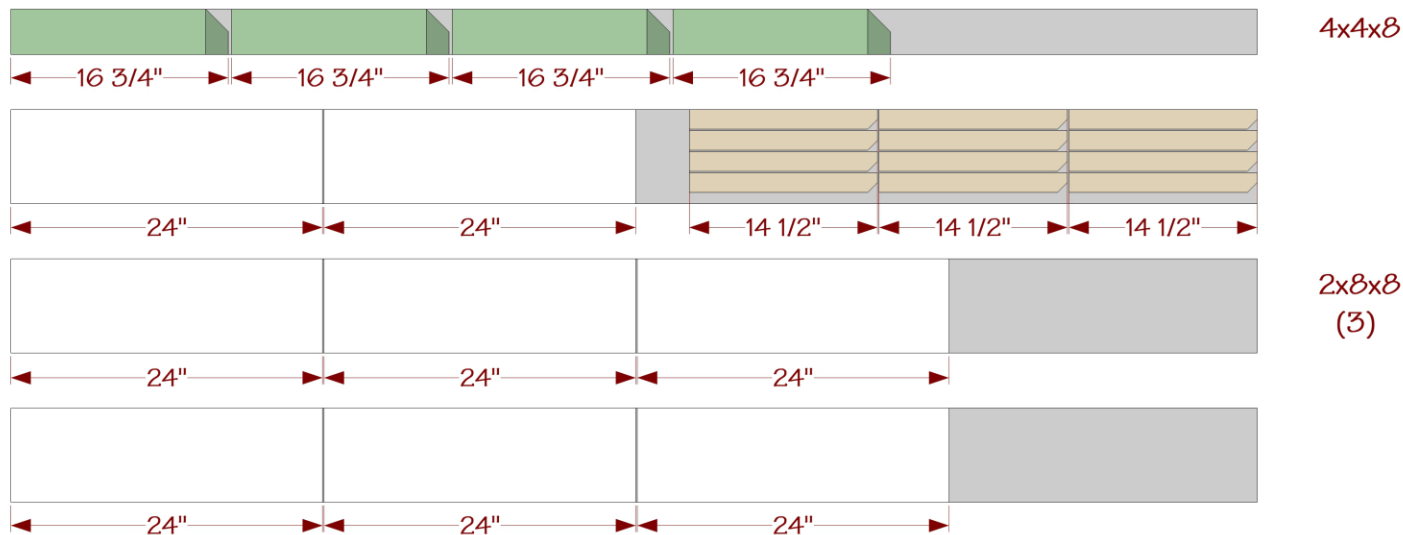
## NOTE

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





## CUTTING DIAGRAM



Estimated lumber cost:  
starting at \$33



**top panels (4)** - 1-1/2 x 7-1/4 x 24  
**bottom panels (4)** - 1-1/2 x 7-1/4 x 24  
**trim (12)** - 1-1/2 x 1-1/2 x 14-1/2  
**posts (4)** - 3-1/2 x 3-1/2 x 16-3/4

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.

## 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!