

CHIEF'S SHOP PLAN OF THE WEEK

4X4 RAISED BED



WHAT YOU'LL NEED



LUMBER

1 - 2x4x8
1 - 2x4x10
2 - 2x6x10
4 - 2x8x10
(availability will vary)

HARDWARE/SUPPLIES

Kreg 2 1/2" pocket hole screws
2 1/2" deck screws
wood glue, wood filler,
pocket hole plugs, choice of
finish

TOOLS

miter saw, jigsaw
sander/belt sander
drill/driver
Kreg Jig
clamps
square

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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PARTS



top rails (4) - 1 1/2 x 7 1/4 x 48
bottom rails (4) - 1 1/2 x 7 1/4 x 48
breadboards (4) - 1 1/2 x 5 1/2 x 14 1/2
outer stiles (4) - 1 1/2 x 3 1/2 x 14 1/2
brackets (4) - 1 1/2 x 5 1/2 x 14 1/2
wide top slats (2) - 1 1/2 x 5 1/2 x 53 1/2
narrow top slats (2) - 1 1/2 x 5 1/2 x 52 1/2

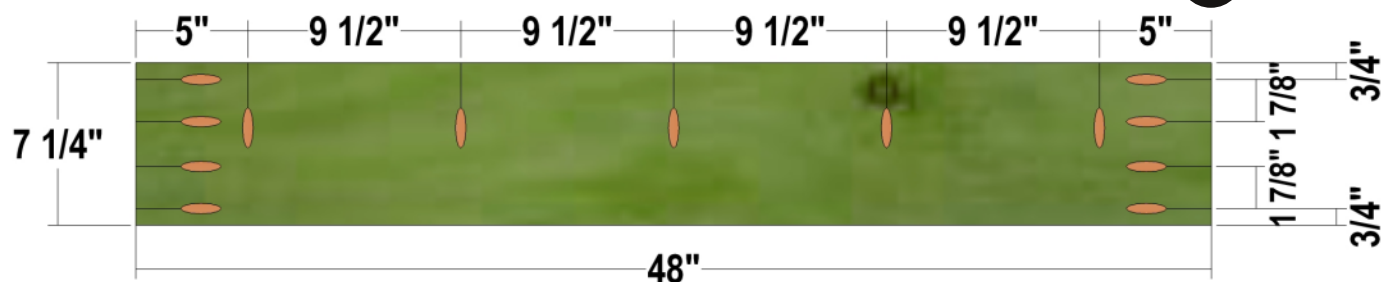
All parts are listed in actual dimensions. Refer to the Cutting Diagram on the last page of this plan as a guide for determining the specific board from which to cut the parts.

VIDEO

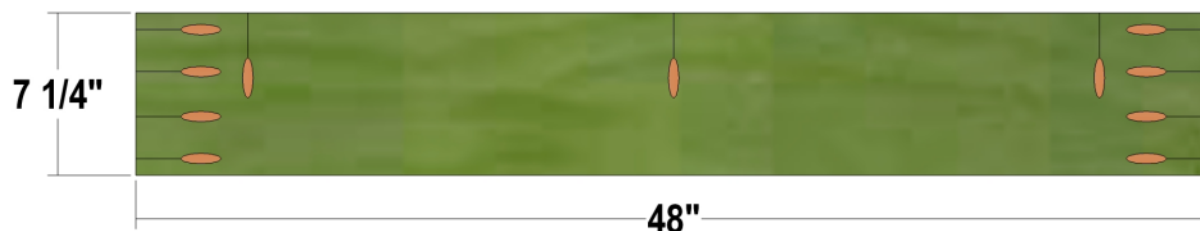
Check out Chief's Shop Videos on YouTube. ([click here](#))

4X4 RAISED BED

Top Rail



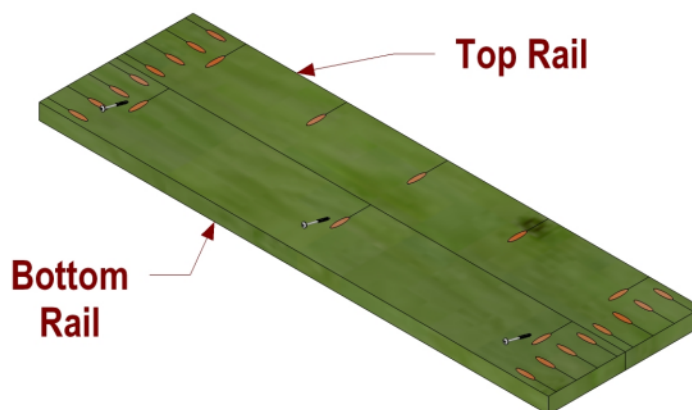
Bottom Rail



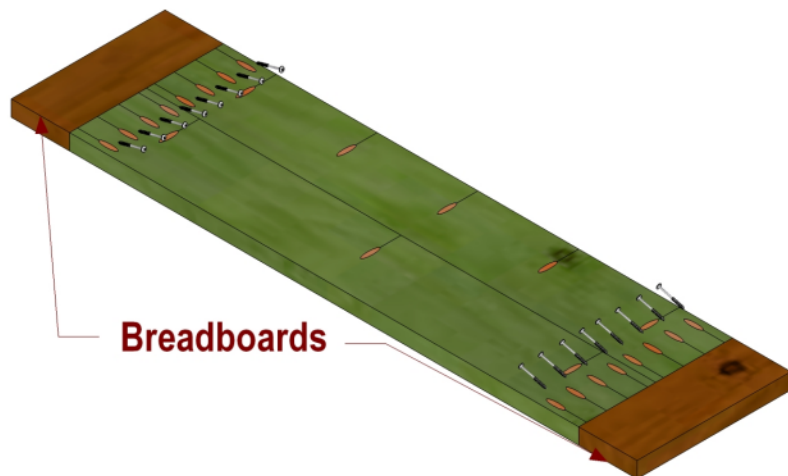
Use the layouts for creating the Top and Bottom Rails. Set your Kreg Jig and drill bit for 1 1/2" stock for the pocket holes. Create four of each.



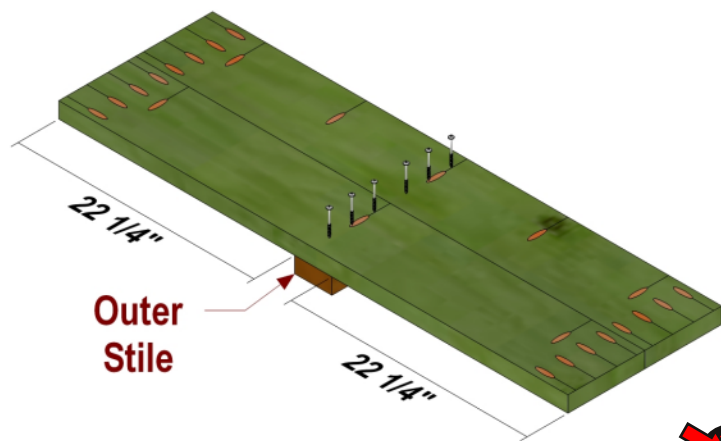
Position the parts as shown, and attach the Bottom Rail to the Top Rail using 2 1/2" pocket hole screws. Create four assemblies.



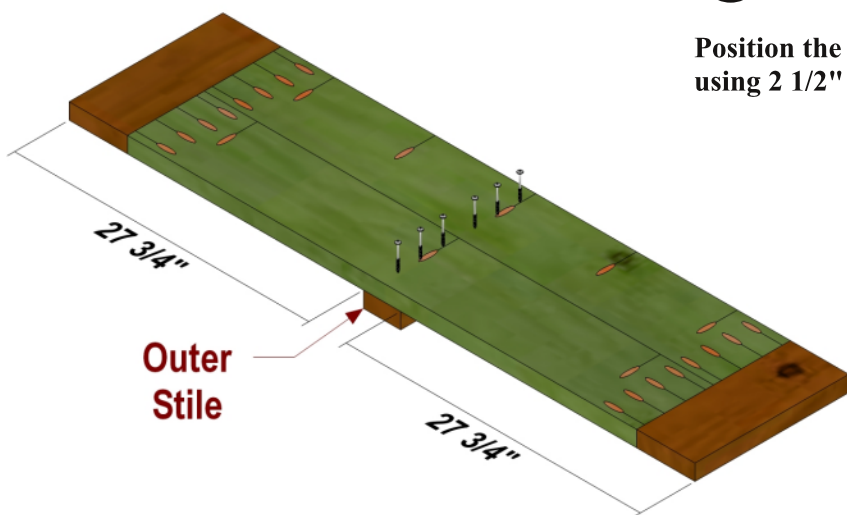
4X4 RAISED BED



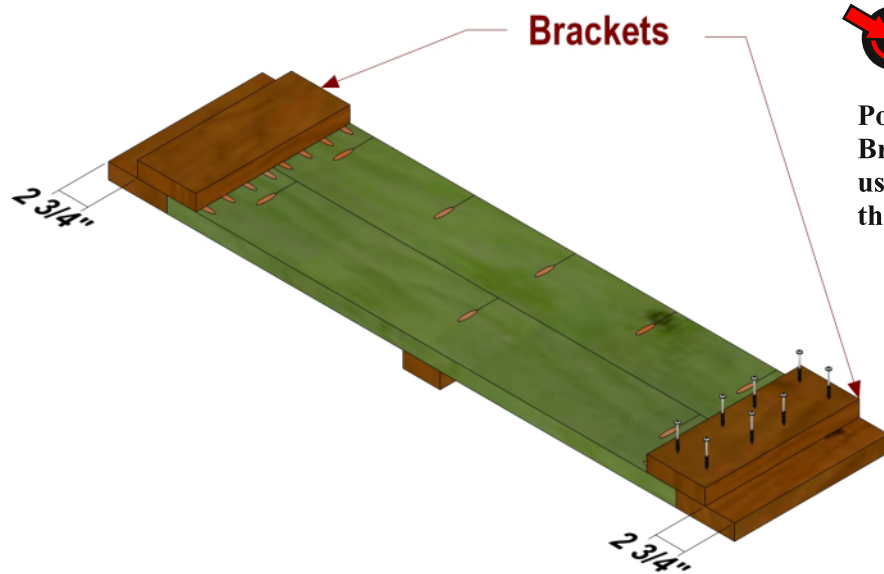
NOTE
Position the parts as shown, and attach using 2 1/2" pocket hole screws. Create two assemblies.



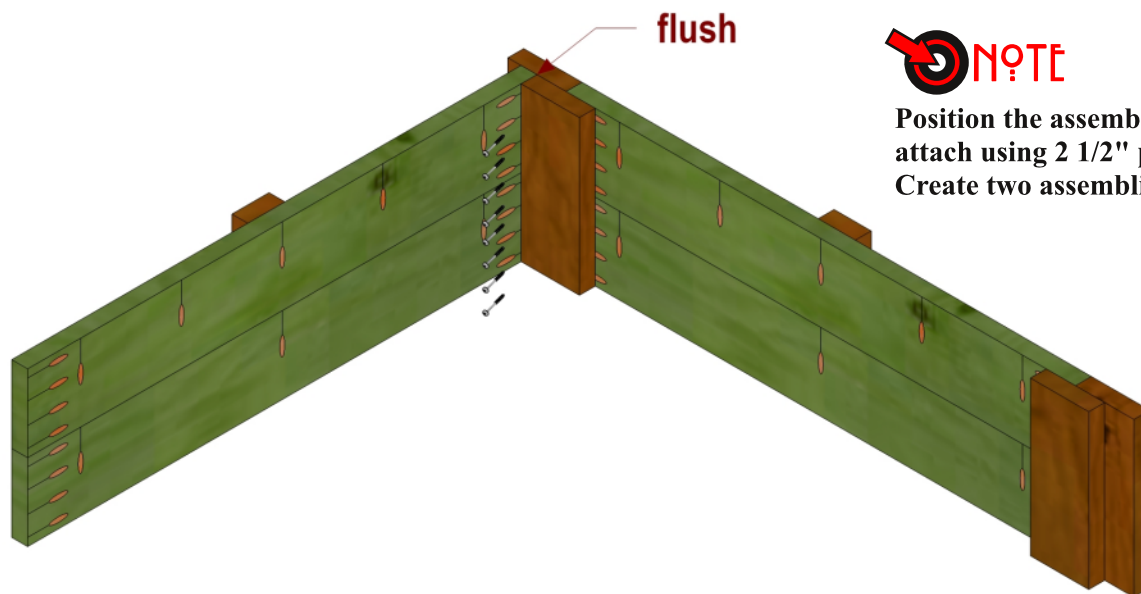
NOTE
Position the parts as shown, and attach the Outer Stiles using 2 1/2" deck screws. Create two of each assembly.



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Position the parts as shown, and attach the Brackets to the Rails and Breadboards using 2 1/2" deck screws. Attach to both of the Rail/Breadboard assemblies.

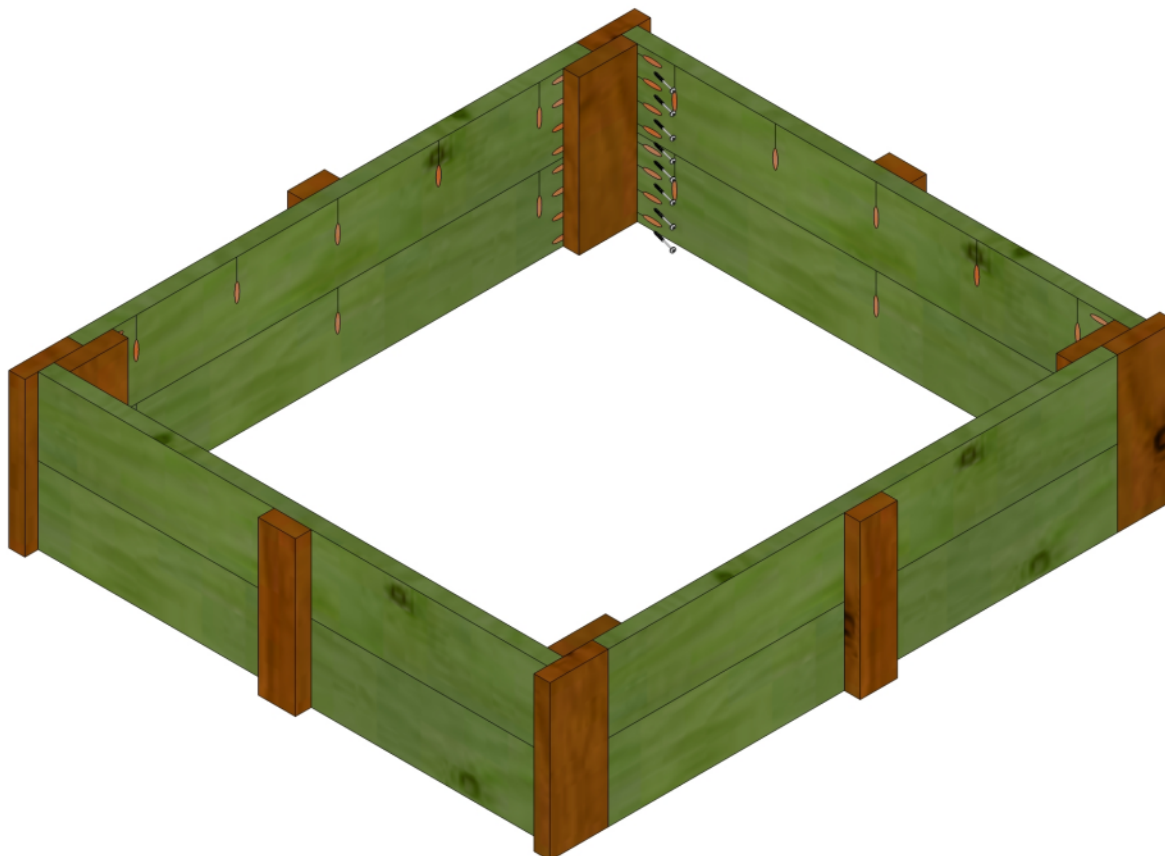


Position the assemblies as shown, and attach using 2 1/2" pocket hole screws. Create two assemblies.



NOTE

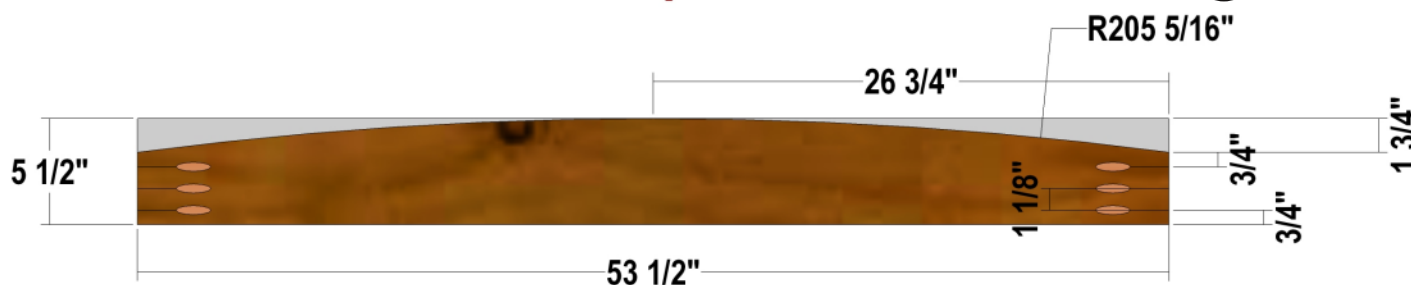
Position the assemblies as shown to create a square, and attach using 2 1/2" pocket hole screws.



Wide Top Slat



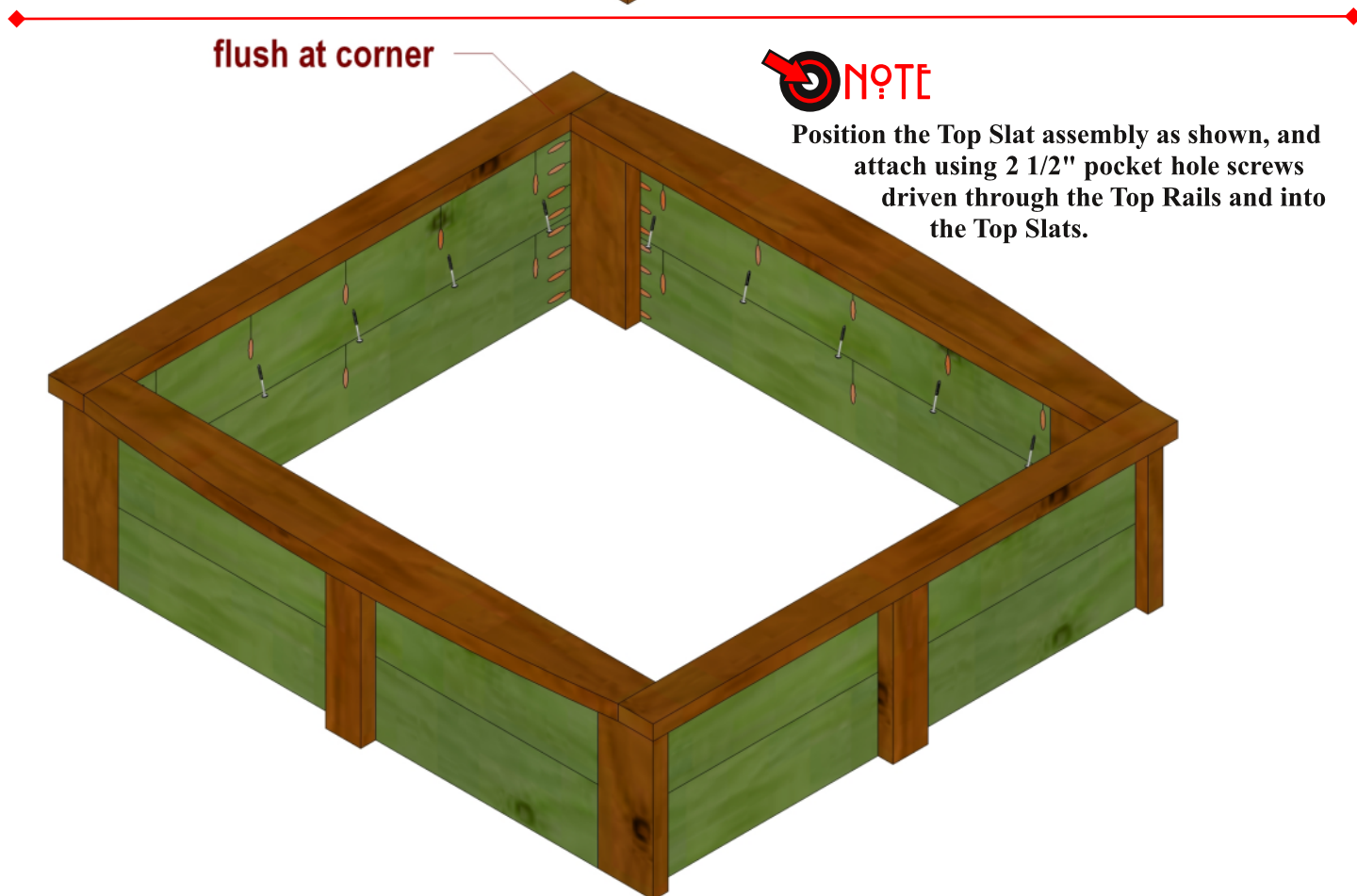
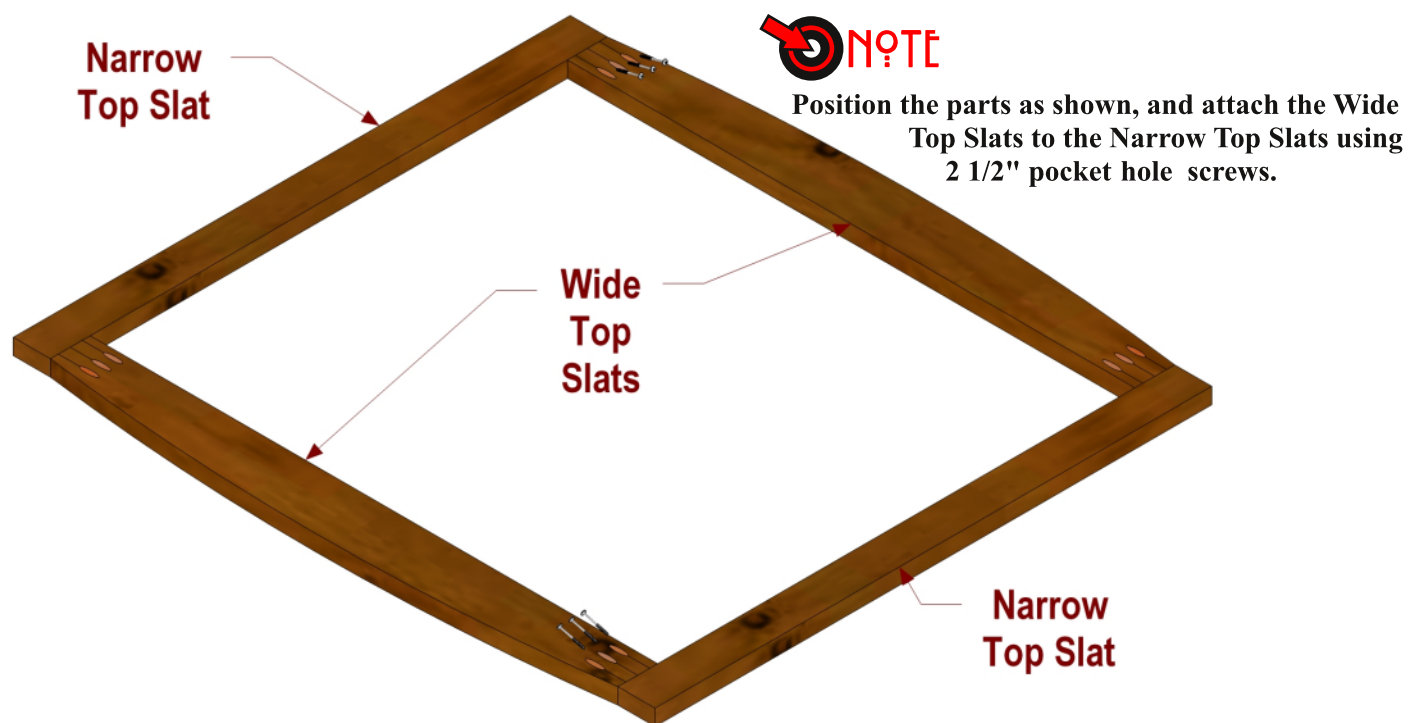
LAYOUT



NOTE

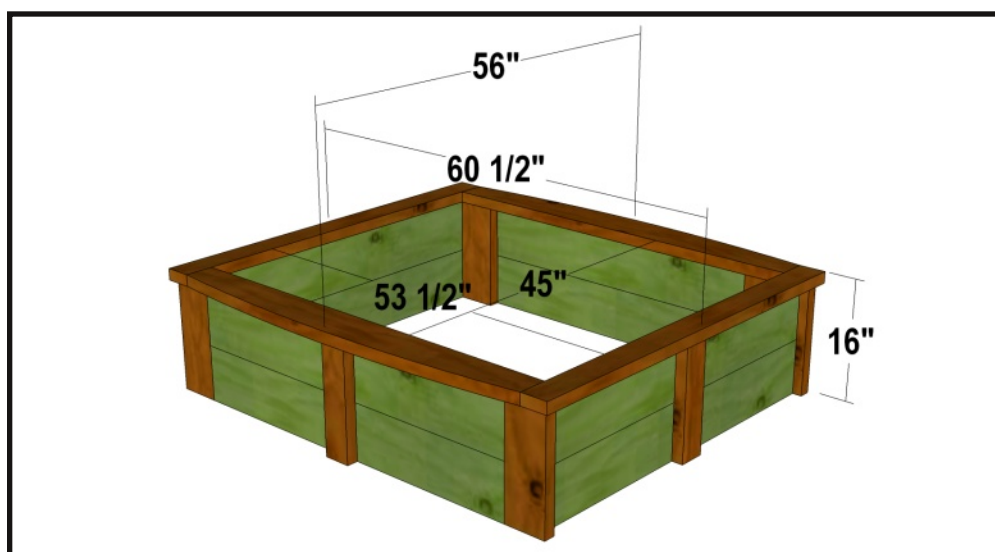
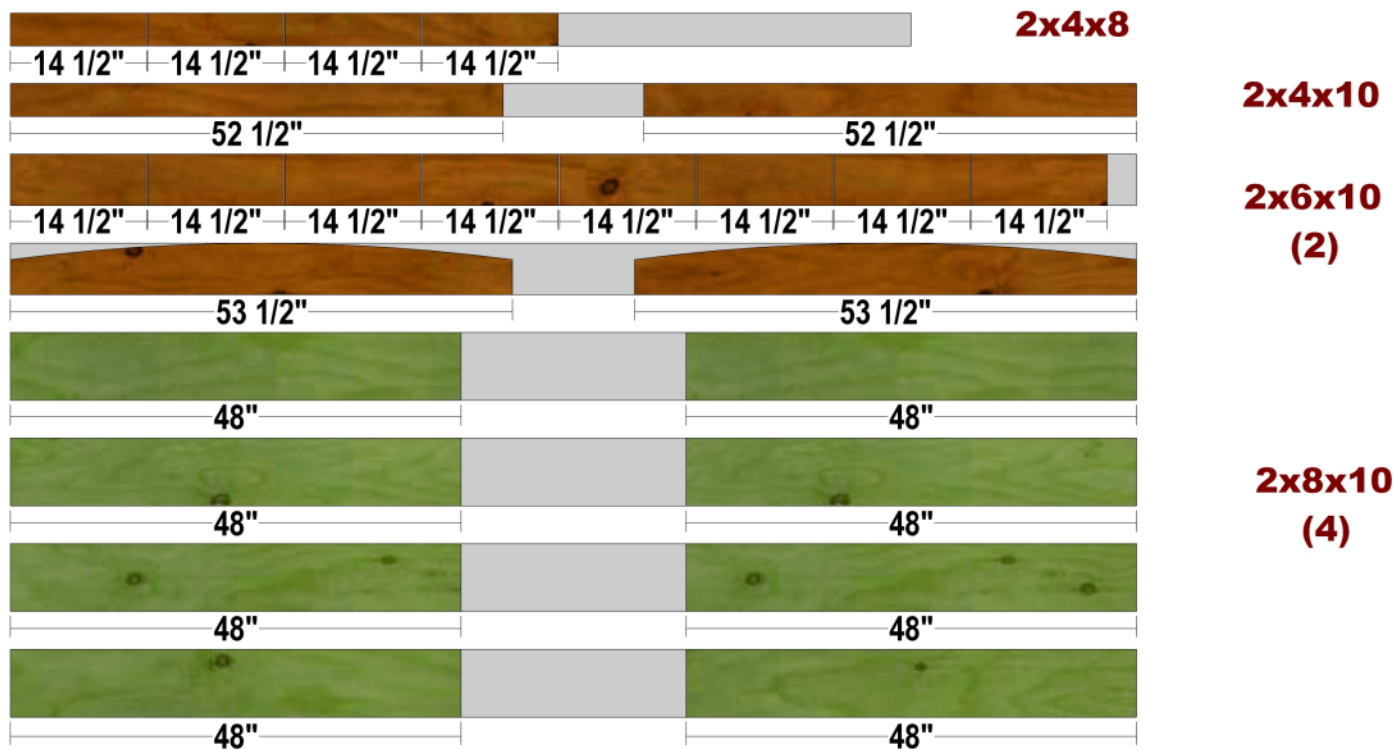
Use the layouts for creating the Wide Top Slats. Set your Kreg Jig and drill bit for 1 1/2" stock for the pocket holes. Use a jigsaw to cut the curve.

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CUTTING DIAGRAM



Estimated lumber cost:
starting at \$70 for one

PARTS

top rails (4) - 1 1/2 x 7 1/4 x 48
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breadboards (4) - 1 1/2 x 5 1/2 x 14 1/2
outer stiles (4) - 1 1/2 x 3 1/2 x 14 1/2
brackets (4) - 1 1/2 x 5 1/2 x 14 1/2
wide top slats (2) - 1 1/2 x 5 1/2 x 53 1/2
narrow top slats (2) - 1 1/2 x 5 1/2 x 52 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.

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!