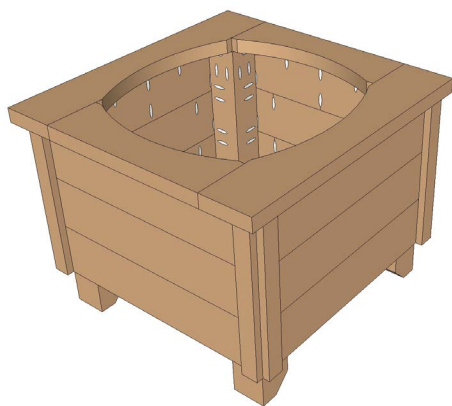




PROJECT PLANS

PATIO PLANTER BOX



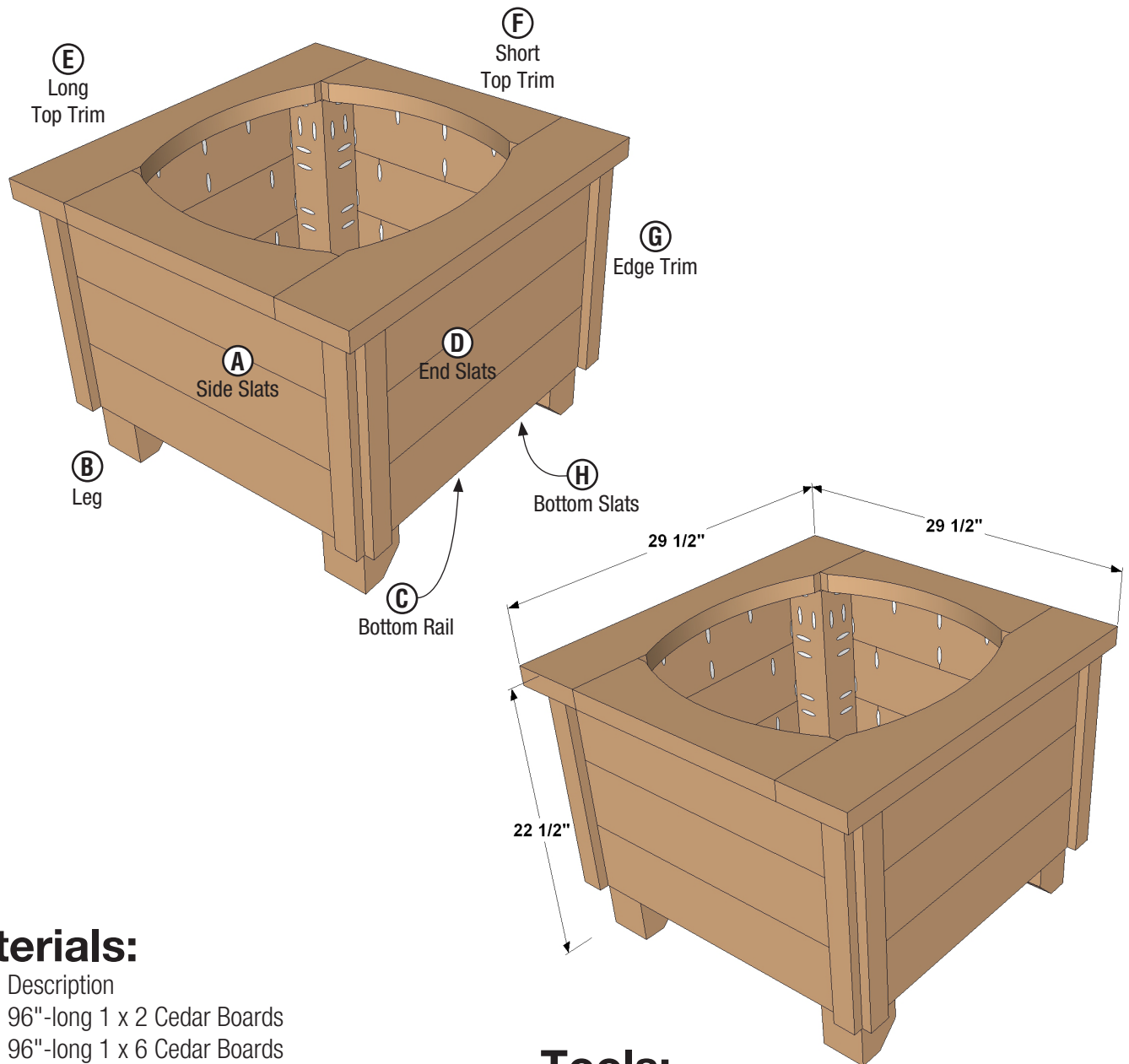
This great-looking planter makes the perfect place for your favorite plants and flowers. It's sized to hold an 18" round plastic pot, which you can pick up in any garden center. Thanks to the planter's large size, it offers plenty of space to create a stunning display on your porch, deck, or patio. You may even want to build a pair to flank an outdoor bench and create an attractive outdoor seating area.

Built from readily-available cedar boards and assembled with pocket screws, the planter box is easy to build and built to last. All you'll need to put one together is a miter saw (or a circular saw and edge guide), a jigsaw, a drill, a bar clamp or two, and a Kreg Jig®. We'll take you through the process step by step.



Safety:

Attention: Almost any do-it-yourself project involves risk of some sort. Your tools, materials, and skills will vary, as will the conditions at your project site. Kreg Tool Company ("Kreg") has made every effort to be complete and accurate in the instructions and other content contained in this document. However, Kreg will not assume any responsibility or liability for damages or losses sustained or incurred in the course of your project or in the use of the item you create. Always follow the manufacturer's operating instructions in the use of tools, check and follow your local building codes, and observe all commonly accepted safety precautions. We strive to be accurate, but reserve the right to correct any errors.



Materials:

Qty	Description
(2)	96"-long 1 x 2 Cedar Boards
(4)	96"-long 1 x 6 Cedar Boards
(1)	96"-long 2 x 4 Cedar Boards
(2)	96"-long 2 x 6 Cedar Boards
(1)	96"-long 4 x 4 Cedar Boards
(100)	1-1/4" Kreg Blue-Kote™ Pocket-Hole Screws
(46)	2-1/2" Kreg Blue-Kote™ Pocket-Hole Screws
(32)	1-1/4" Exterior Brad Nails

Tools:

Drill/Driver
Kreg Jig®
Miter Saw
Bar Clamps
Tape Measure
Water-Resistant Glue

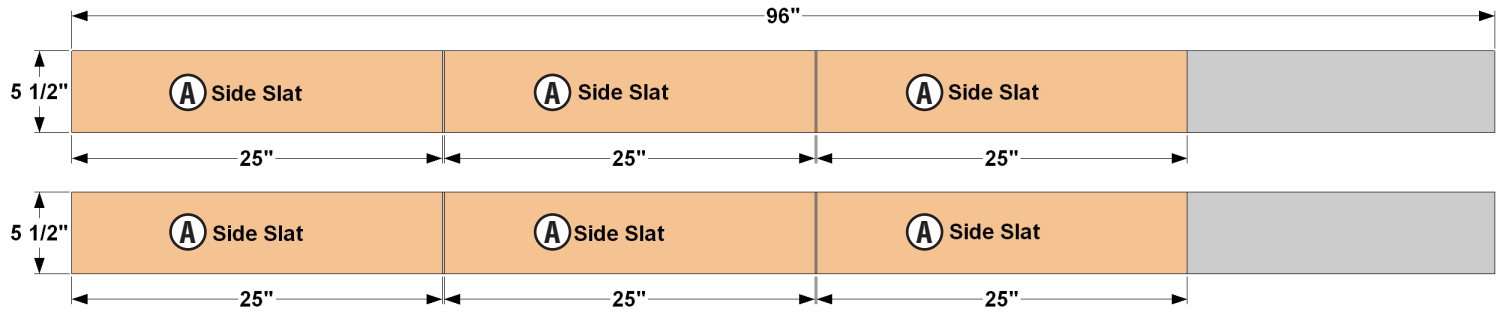
Pencil
Sandpaper and Sander
Paint and/or Stain

Optional Tools:

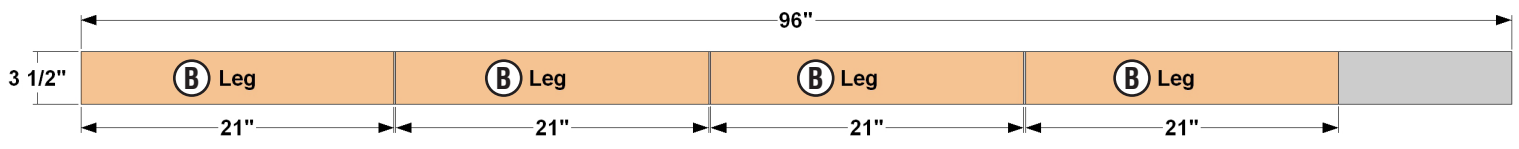
Circular Saw
Kreg Square-Cut™

Cutting Diagram:

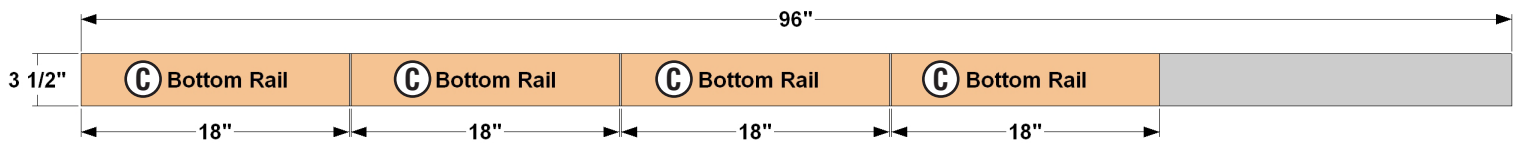
1 x 6 x 96"



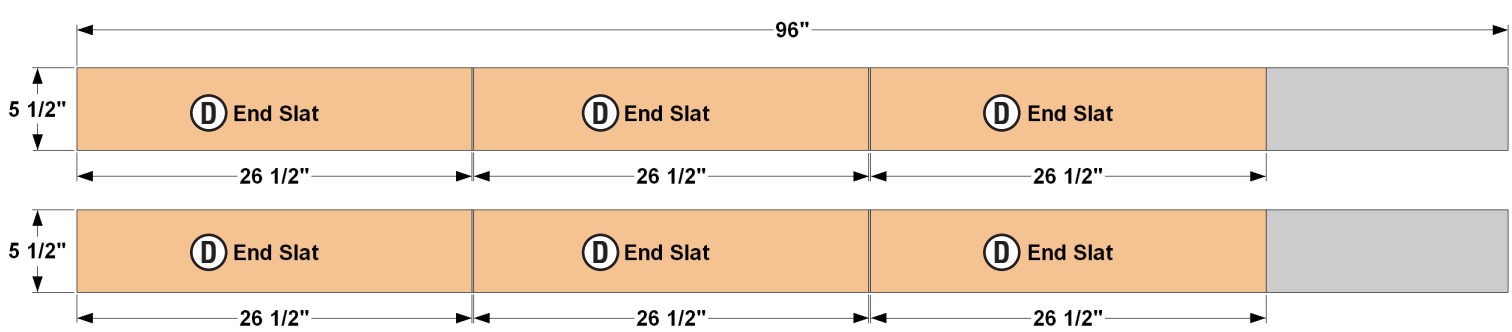
4 x 4 x 96"



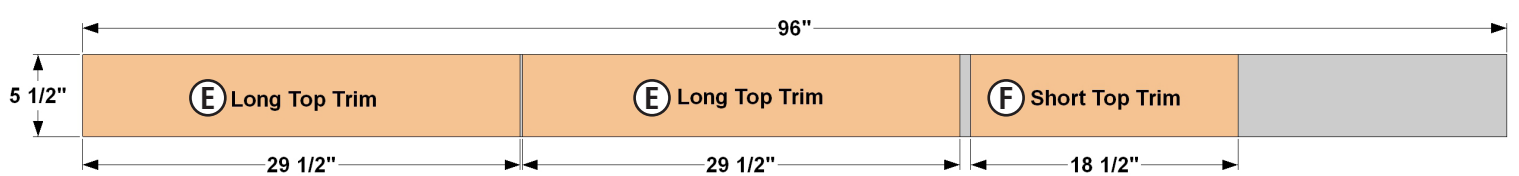
2 x 4 x 96"



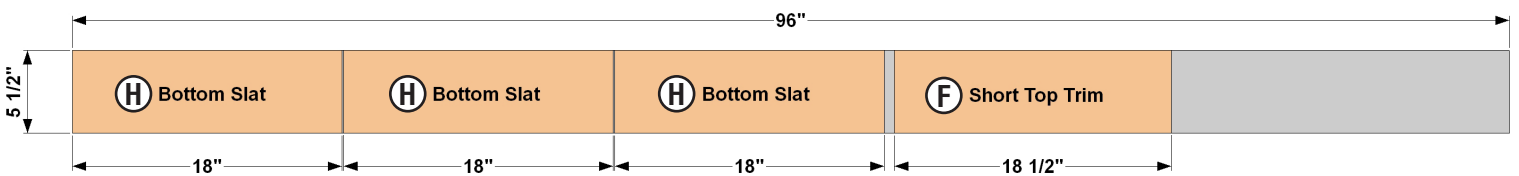
1 x 6 x 96"



2 x 6 x 96"

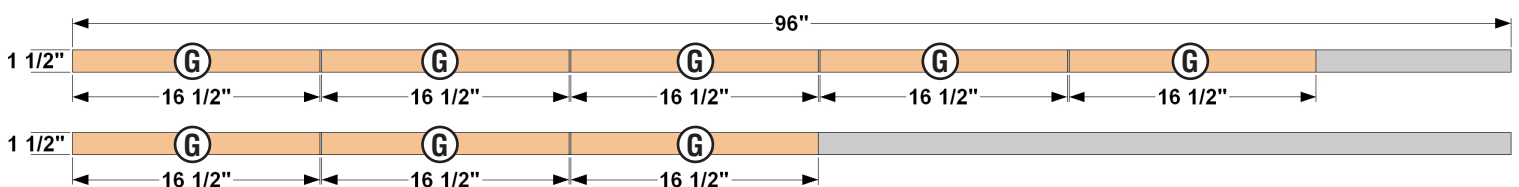


2 x 6 x 96"



1 x 2 x 96"

Edge Trim

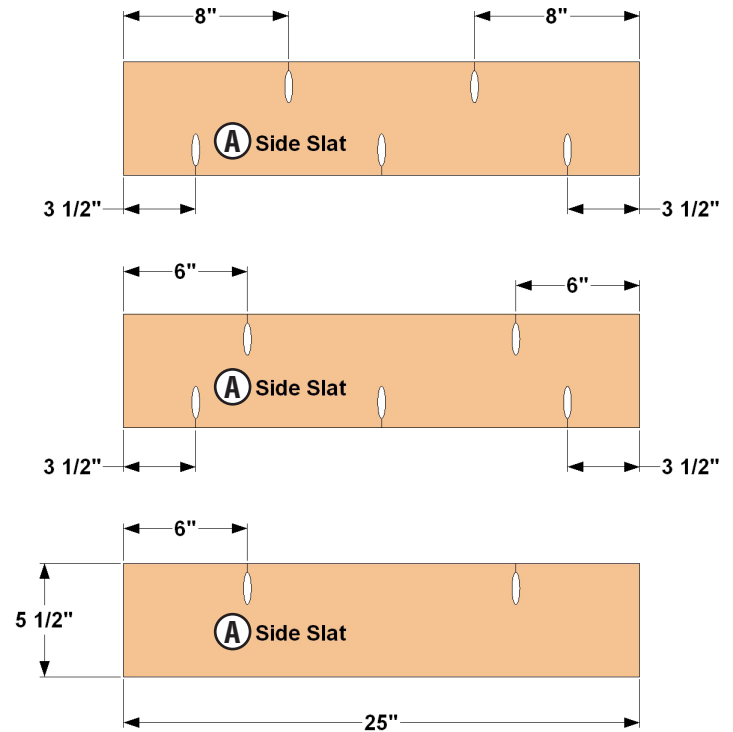


Step 1: Using a miter saw, or a circular saw and a square-cutting guide, cut six Side Slats (A) to length from 1x6 boards, as shown in the cutting diagram.

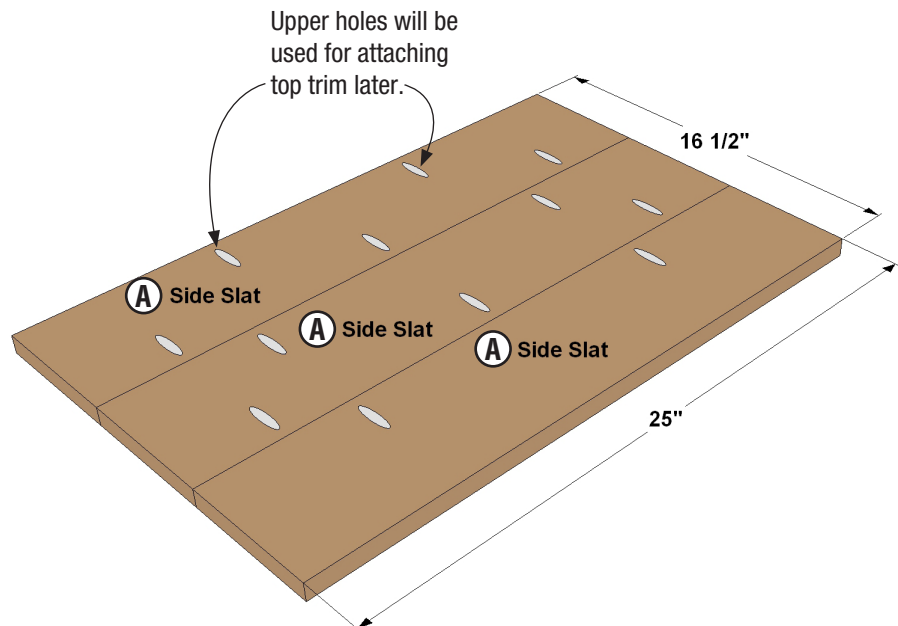
Quick Tip

Building the planter box requires you to cut multiple pieces that need to match in length. To make this easier, set up a stop block on your miter saw.

Step 2: Set up your Kreg Jig® for 3/4"-thick material, drill pocket holes in the Side Slats, as shown.



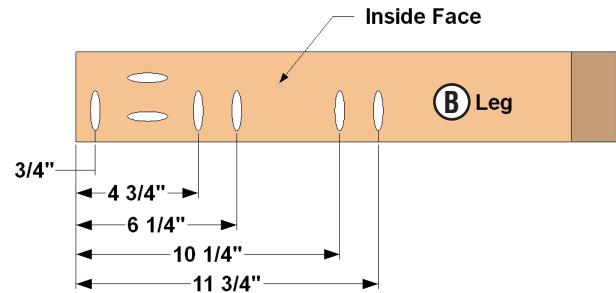
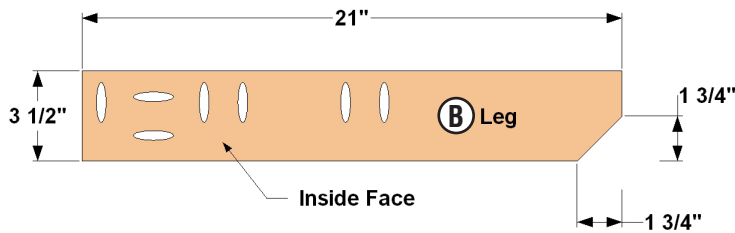
Step 3: Spread water-resistant glue on the mating edges of the Side Slats, and then screw the slats together using 1-1/4" Blue-Kote™ pocket hole screws to create two side slat assemblies.



Quick Tip

To hold the slats in position during assembly, use a couple of bar clamps, such as the Kreg Automaxx™ Bar Clamp.

Step 4: Cut four Legs (B) to length from a 4x4 board. After cutting the legs, cut a 45° bevel on the bottom end of each one, as shown.



Step 5: Next, drill pocket holes in the Legs. Drill the holes along the leg edges with your jig set up for 3/4"-thick material. These will be used for screws that attach the slats.

The holes that point toward the ends should be positioned for 1-1/2"-thick material, as they'll be used for screws that attach the top trim later.

Project Note

The 4x4s used for the Legs are too thick to fit into a standard benchtop-style Kreg Jig® (K3, K4, K5). To drill these holes, remove the Drill Guide Block from your jig, and clamp or screw it to the leg as you drill. See your Owner's Manual for details. You could also use a portable jig, such as the Kreg Jig® R3.

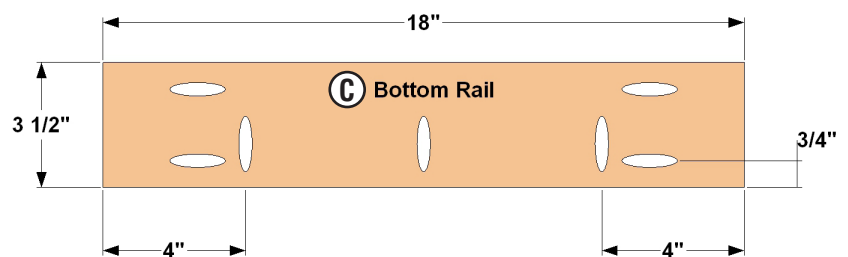
Quick Tip

When drilling pocket holes in the Legs, make sure to locate the holes in the proper leg faces. An easy way to ensure this is to stand all four legs in their final position before drilling, and mark the faces that need to be drilled.

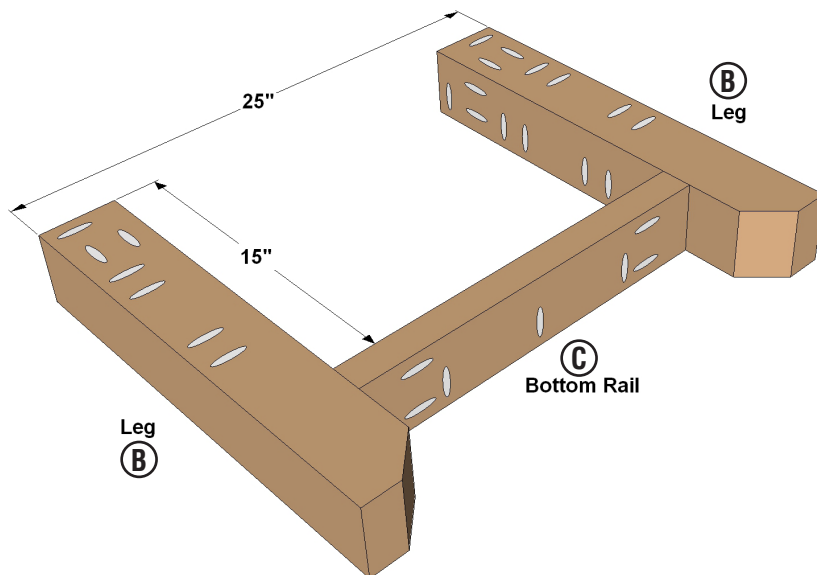
Step 6: Cut four Bottom Rails (C) to length from a 2x4 board, as shown in the cutting diagram.

Step 7: Next, drill pocket holes in the Bottom Rails. Drill the holes along the leg edges with your jig set up for 3/4"-thick material. These will be used to attach the slats.

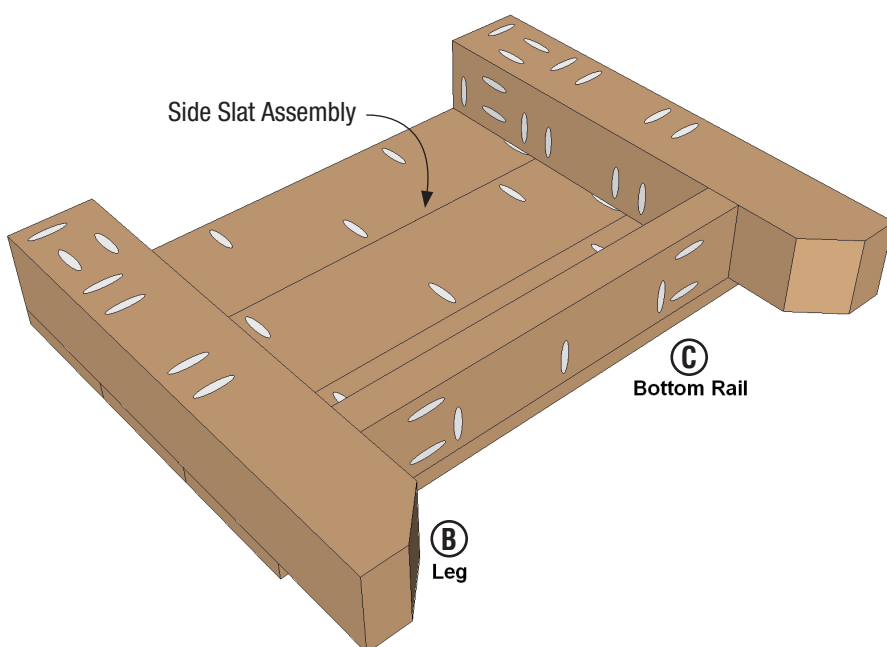
The holes that point toward the ends will be used to attach the Bottom Rails to the Legs and should be drilled with your jig set up for 1-1/2"-thick material.



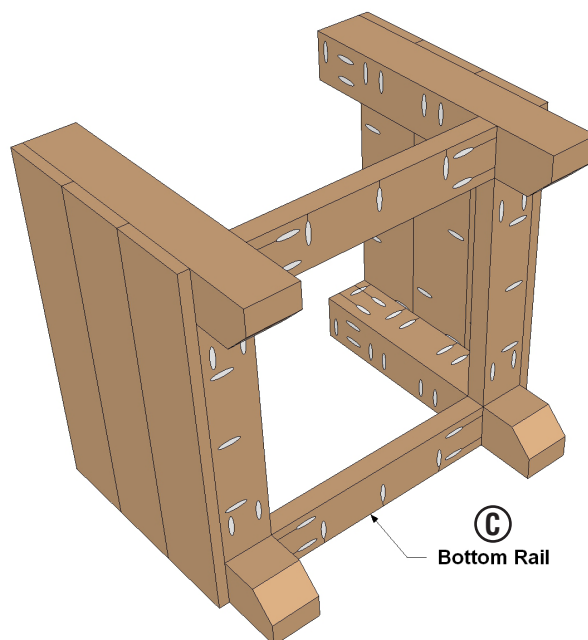
Step 8: After sanding the Legs and Bottom Rails smooth, create two planter side assemblies by gluing and screwing the Bottom Rails to the Legs using 2-1/2" Blue-Kote™ pocket hole screws.



Step 9: After sanding the side panels smooth, attach them to the leg assemblies using glue and 1-1/4" Blue-Kote™ pocket hole screws. Make sure that the leg assemblies are square, and that the ends of the slats align with the edges of the legs. Note that the slats get screwed to the Legs and to the Bottom Rails.

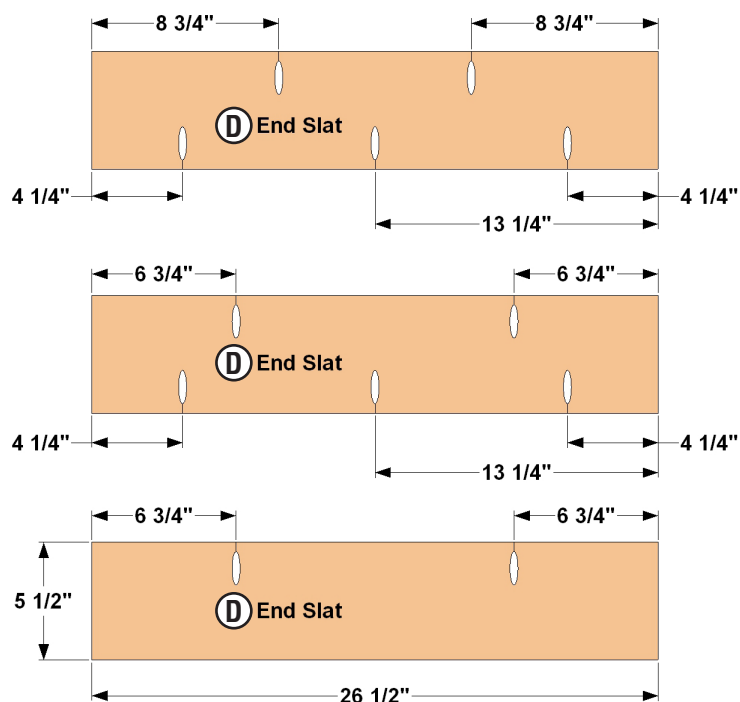


Step 10: Join these two assemblies together by attaching the other two Bottom Rails using glue and 2-1/2" Blue-Kote™ pocket hole screws. Bar clamps can hold the parts in position as you drive in the screws.



Step 11: Cut six End Slats to length from 1x6 boards as shown in the cutting diagram.

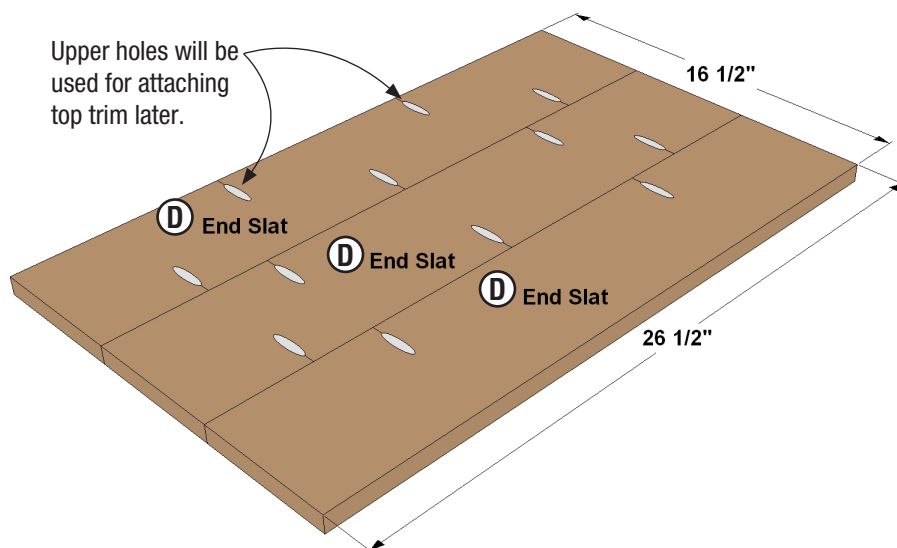
Step 12: With your jig set up for 3/4" stock, drill pocket holes in the End Slats.



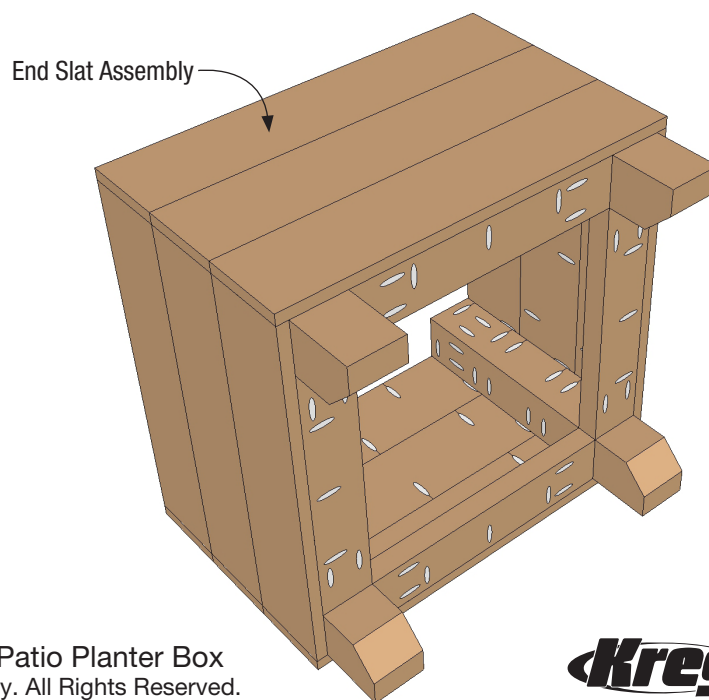
Step 13: Spread water-resistant glue on the mating edges of the End Slats, and then screw the slats together using 1-1/4" Blue-Kote™ pocket hole screws to create two end panel assemblies.

Quick Tip

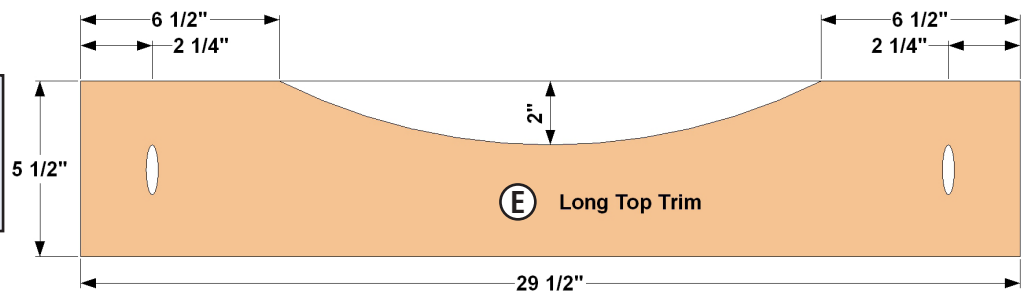
To hold the slats in position during assembly, use a couple of bar clamps, such as the Kreg Automaxx™ Bar Clamp.



Step 14: After sanding the panels smooth, attach them to the leg assemblies using glue and 1-1/4" Blue-Kote™ pocket hole screws. Make sure that the assemblies are square, and that the ends of the slats align with the faces of the side slats, which were attached earlier. Note that the slats get screwed to the Legs and to the Bottom Rails.

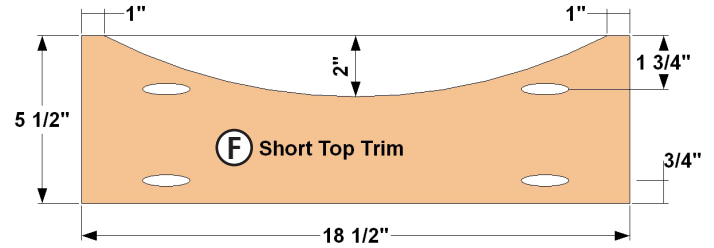


Step 15: Cut the Long Top Trim (E) and Short Top Trim (F) to length from a 2x6 board, as shown in the cutting diagram.



Step 16: Using a jigsaw, cut arcs on the inner edges of each Top Trim piece. You can mark a smooth curve using a flexible ruler. Cut just outside the line on the waste side, and then sand the arcs smooth.

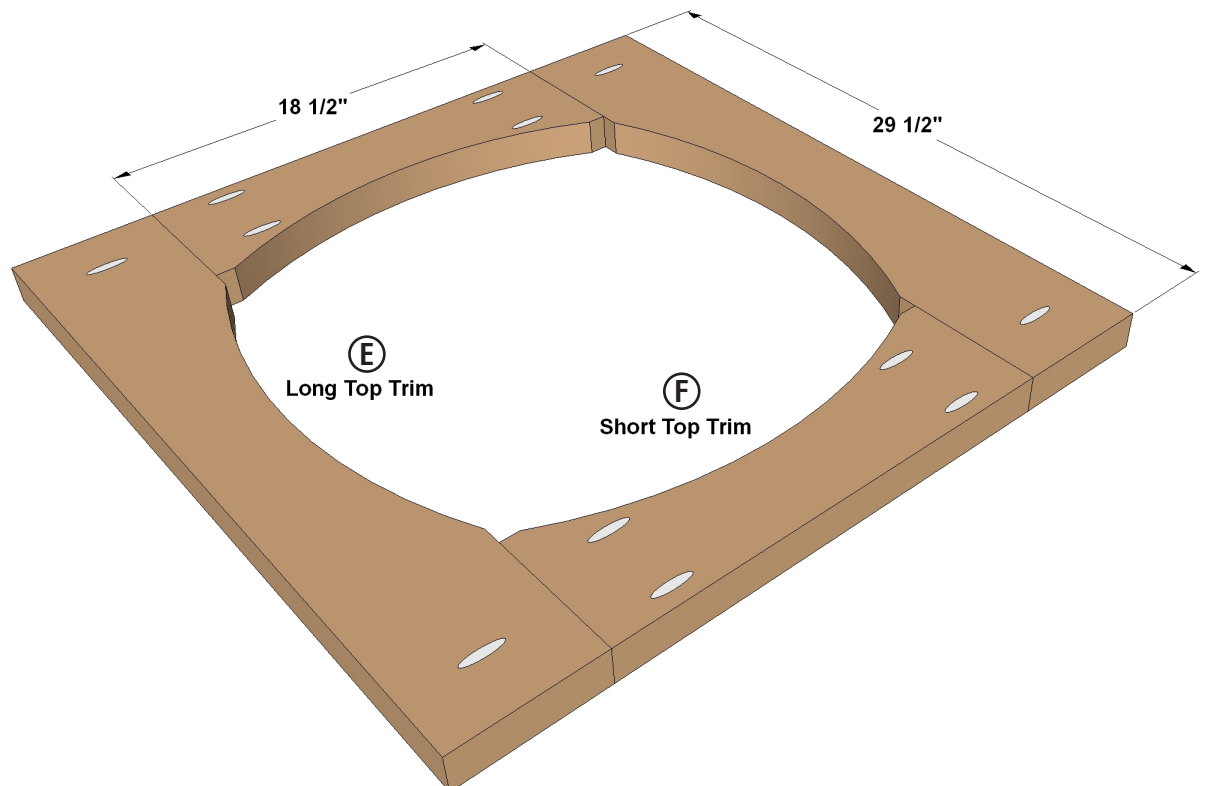
After cutting the arcs, set your jig for 1-1/2" stock, and then drill pocket holes in the edge of each Long Top Trim. Then drill pocket holes in the ends of each Short Top Trim.



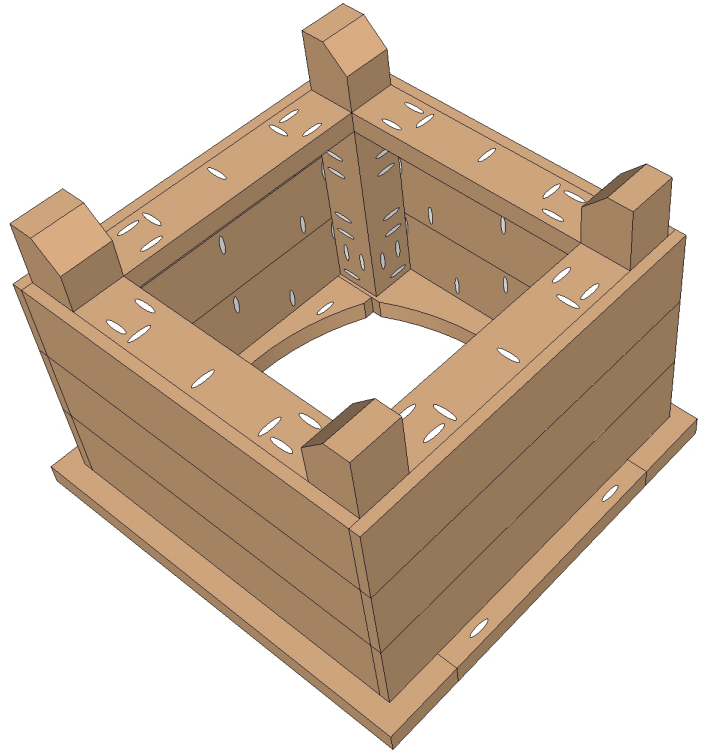
Quick Tip

To ensure that all of the arcs are identical, start by cutting one and sanding it smooth. Then, use this arc to lay out the others.

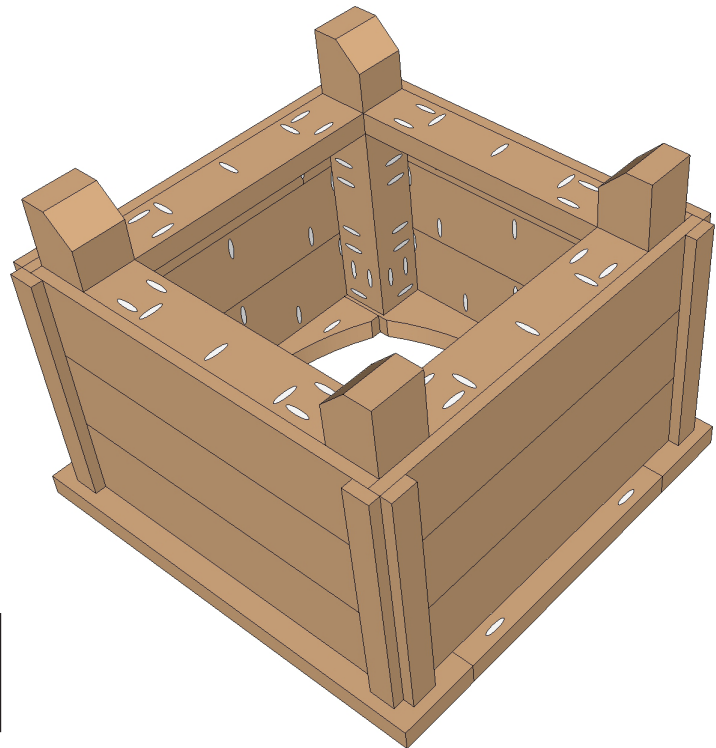
Step 17: Assemble the top trim using glue and 2-1/2" Blue-Kote™ pocket hole screws. Bar clamps can hold the parts in position as you drive in the screws.



Step 18: After sanding the trim assembly smooth, attach it to the assembled base using glue and 1-1/4" Blue-Kote pocket hole screws. Make sure that the trim overhangs equally on all sides before driving in the screws.



Step 19: Cut eight pieces of Edge Trim (G) to length from a 1x2 board, as shown in the cutting diagram.

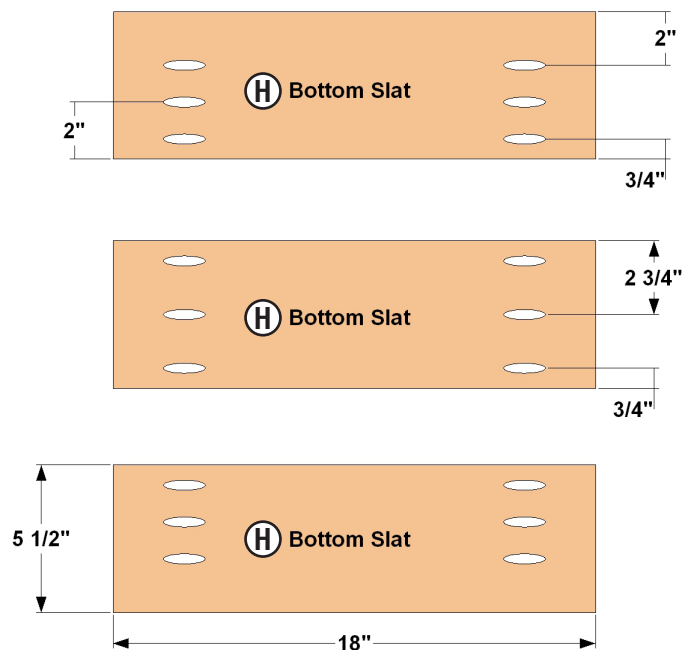


(G)
Edge Trim

Step 20: After sanding the Edge Trim pieces smooth, attach them to the corners of the planter using glue and 1-1/4" exterior-rated brads or finish nails.

Step 21: Cut three Bottom Slats (H) to length from a 2x6 board, as shown in the cutting diagram.

Step 22: With your Kreg Jig® set up for 1-1/2"-thick material, drill pocket holes in the Bottom Slats, as shown.



Step 23: After sanding the bottom slats smooth, attach them to the corners of the planter using glue and 2-1/2" Blue-Kote™ pocket hole screws.

