

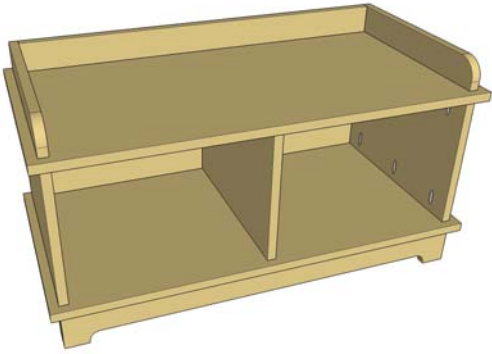


# PROJECT PLANS

## ENTRYWAY BENCH

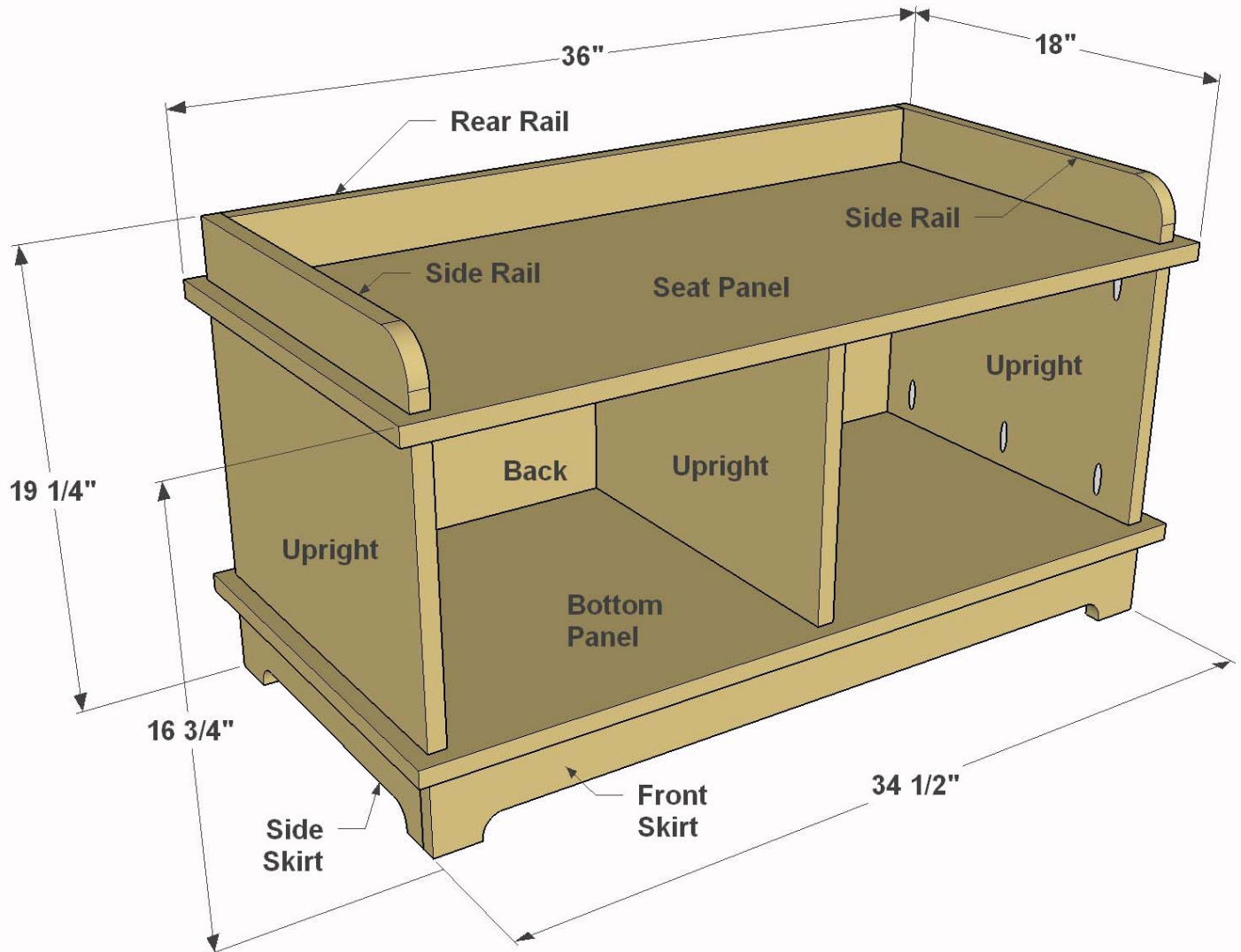
If you'd like a way to keep your mudroom or entryway organized, but you're short on space, this bench offers a perfect solution. At just three feet wide, it offers a lot of utility in a compact package. Plus, it has classic styling that works with a variety of decorating styles.

This bench is surprisingly easy to build, too. Most of the parts are cut from a sheet of 3/4" plywood. Iron-on edge banding covers the exposed plywood edges to provide a finished look. The rest of the parts are made from 1x4 boards. A few of the parts have curves that are cut with a jigsaw to add a little visual interest. You can pick up everything you'll need from a home center, and build the bench in a weekend.



### 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.



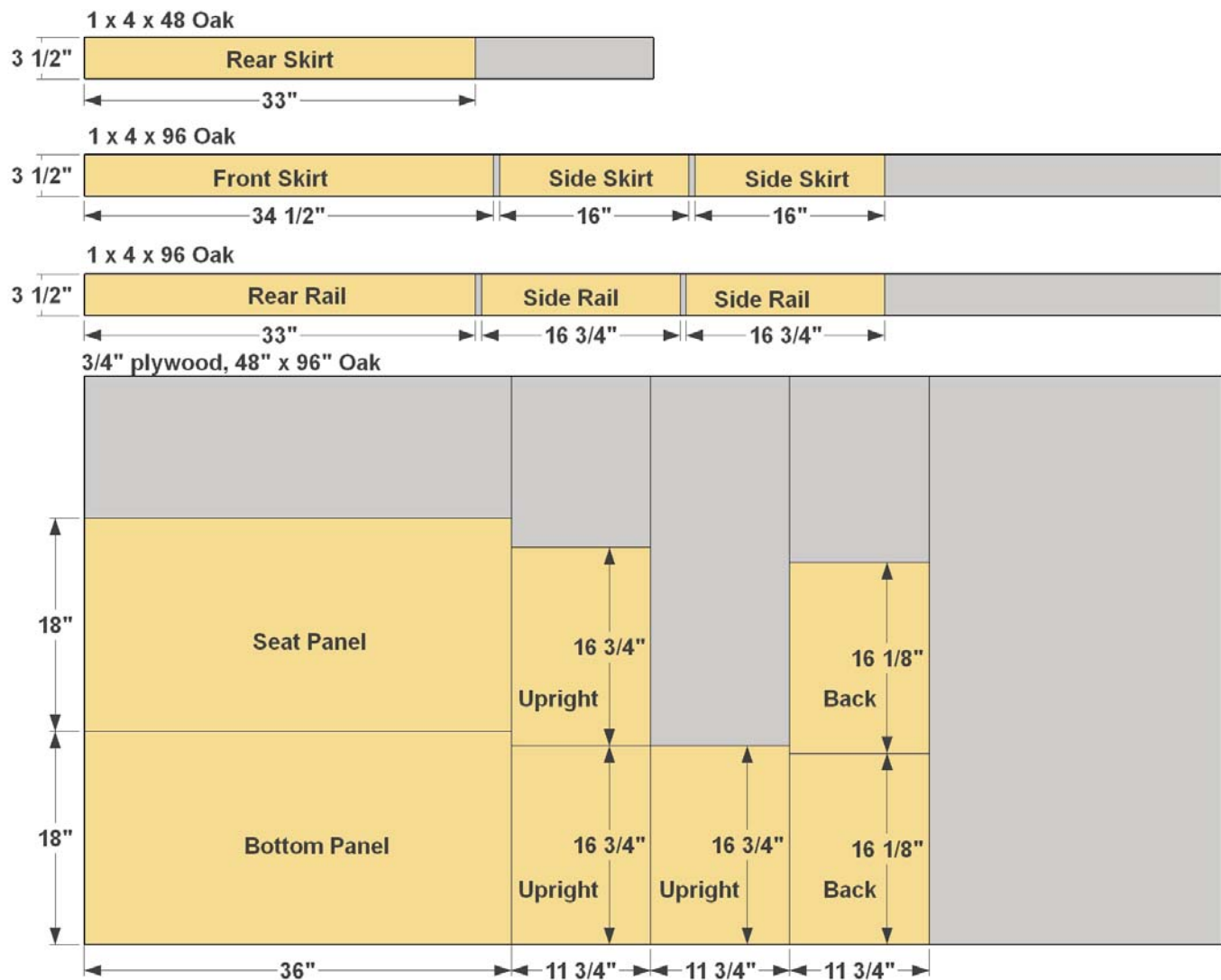
### Materials:

Qty	Description
(2)	1 x 4 x 96" board
(1)	1 x 4 x 48" board
(1)	3/4" plywood 48" x 96"
(67)	1 1/4" fine-thread pocket screws
(2)	1 3/4" Flathead Wood Screws
(15-ft)	Oak Iron-On Edge Banding
	Wood Glue

### Tools:

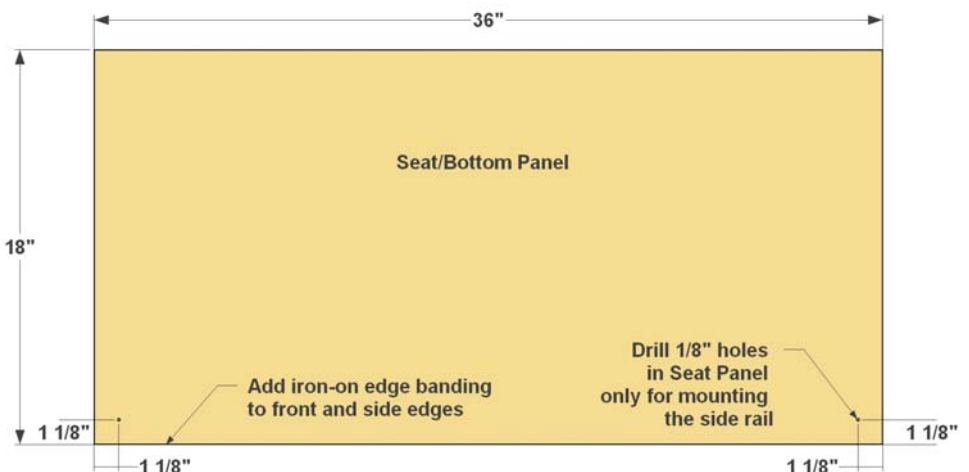
Drill/Driver	Compass
Kreg Jig®	Pencil
Circular Saw	Iron
Jig Saw	Sandpaper and Sander
Miter Saw	Paint and/or Stain
Bar Clamps	Optional Tools:
Tape Measure	Kreg Square-Cut™

# Cutting Diagram:



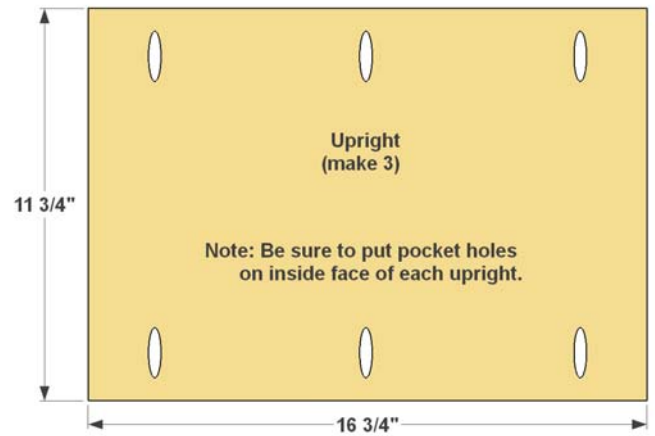
**Step 1:** Using the cutting diagram as a guide, cut the plywood parts to size. You'll need one Seat Panel, one Bottom Panel, three Uprights, and two Backs.

**Step 2:** To hide the exposed plywood edges, use iron-on edge banding. It's easy to work with. Apply edge banding to front and side edges of the Seat Panel and Bottom Panel before assembly. Also drill two holes through the Seat Panel near the front corners. These will be used to attach the Side Rails later.

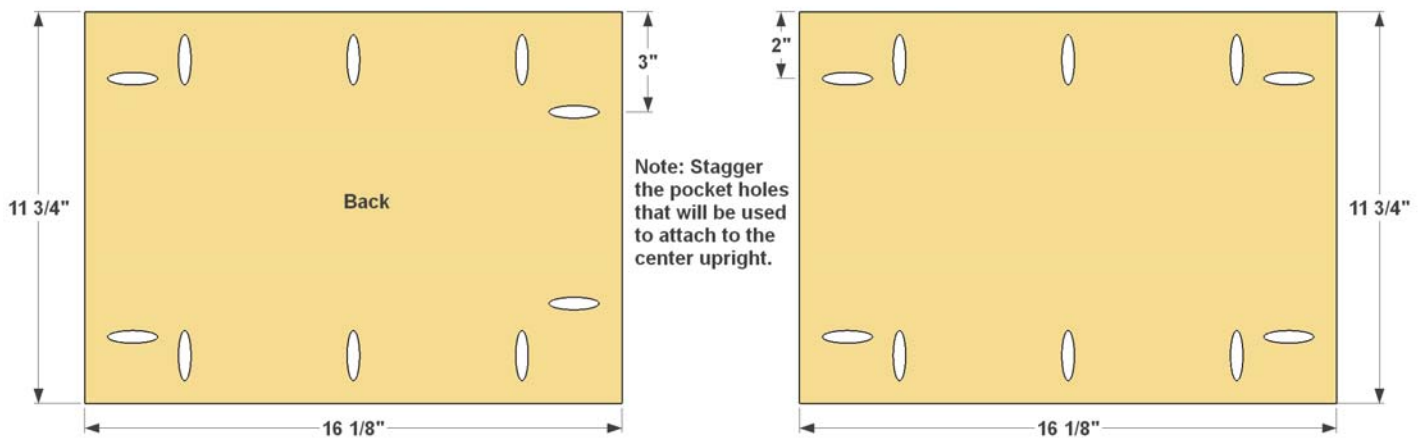




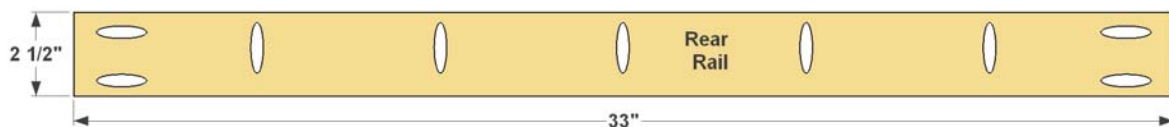
**Step 3:** Decide which will be the outside (most-visible) face of your Uprights. For the center one, it doesn't really matter. With your pocket hole jig set up for 3/4" material, drill pocket holes in the back face of each Upright, as shown. Then apply edge banding to the front edge of each Upright.



**Step 4:** With your pocket hole jig set up for 3/4" material, drill pocket holes in the back face of each Back, as shown. Note that where the Backs attach to the center Upright, the pocket holes need to be staggered so the screws won't hit one another during assembly.



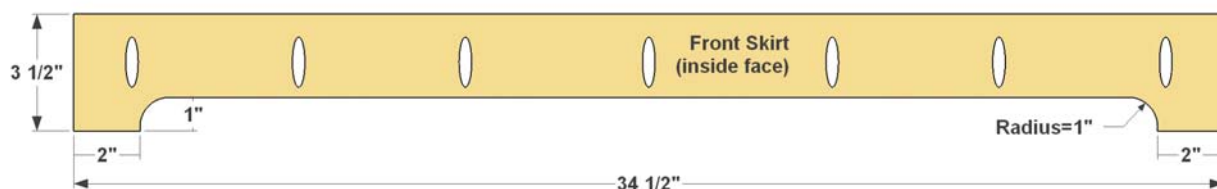
**Step 5:** Cut a Rear Rail to length from a 1x4 board, as shown in the cutting diagram. Then, with your pocket hole jig set up for 3/4" material, drill pocket holes in the back face of the Rear Rail, as shown.



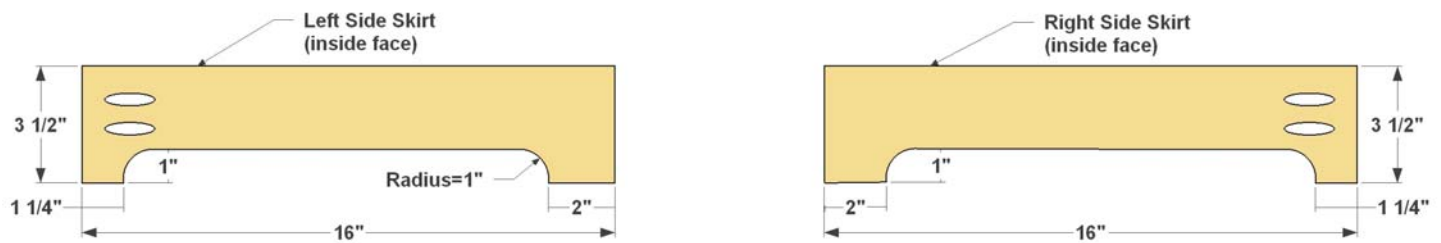
**Step 6:** Cut two Side Rails to length from a 1x4 board, as shown in the cutting diagram. Use a compass to lay out the curved front corners, as shown. Cut the curves with a jig saw, and then sand them smooth.



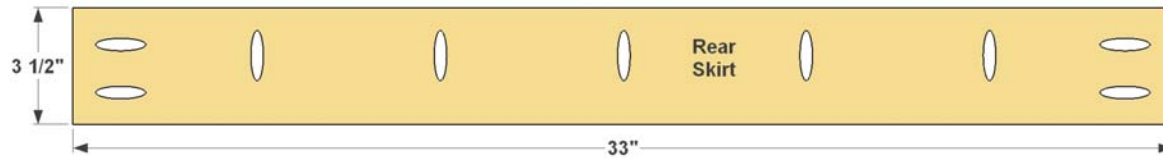
**Step 7:** Cut one Front Skirt to length from a 1x4 board, as shown in the cutting diagram. Use a compass to lay out the ends of the curved lower edge, then draw a straight line between them. Cut the shape with a jig saw, and then sand it smooth. With your pocket hole jig set up for 3/4" material, drill pocket holes in the inside face of the Front Skirt, as shown.



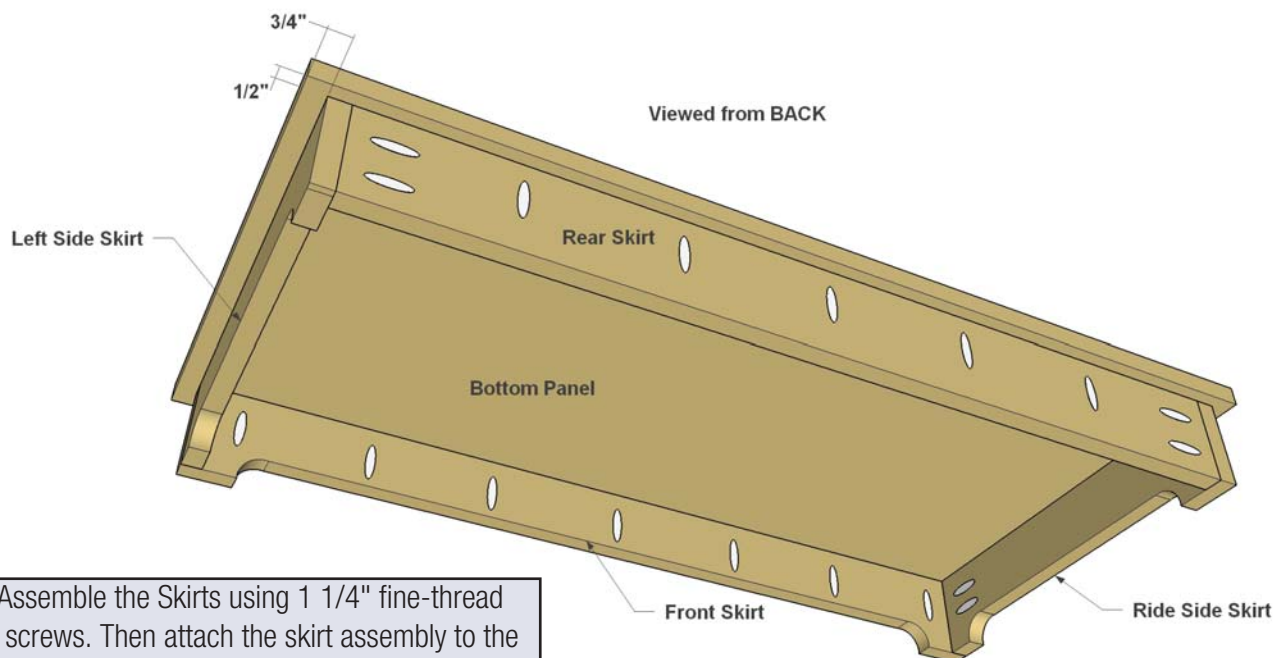
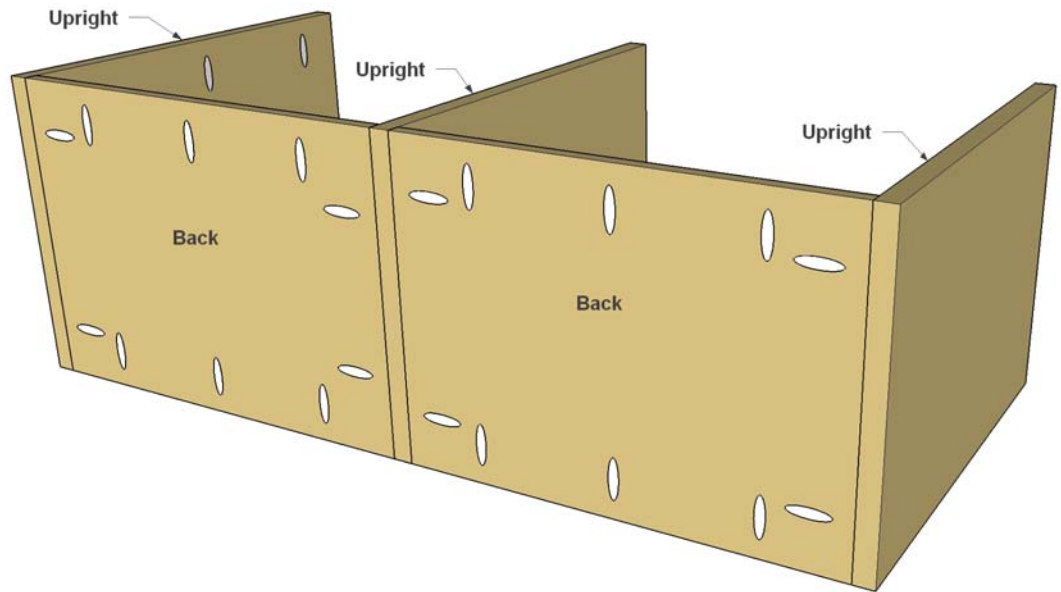
**Step 8:** Cut two Side Skirts to length from a 1x4 board, as shown in the cutting diagram. Use a compass to lay out the ends of the curved lower edge, then draw a straight line between them. Cut the shape with a jig saw, and then sand it smooth. Note that the curves are offset, and that you'll be creating two "mirror-image" rails. Then, with your pocket hole jig set up for 3/4" material, drill pocket holes in the inside face of each Side Skirt, as shown.



**Step 9:** Cut one Rear Skirt to length from a 1x4 board, as shown in the cutting diagram. Then, with your pocket hole jig set up for 3/4" material, drill pocket holes in the inside face of the Rear Skirt, as shown.

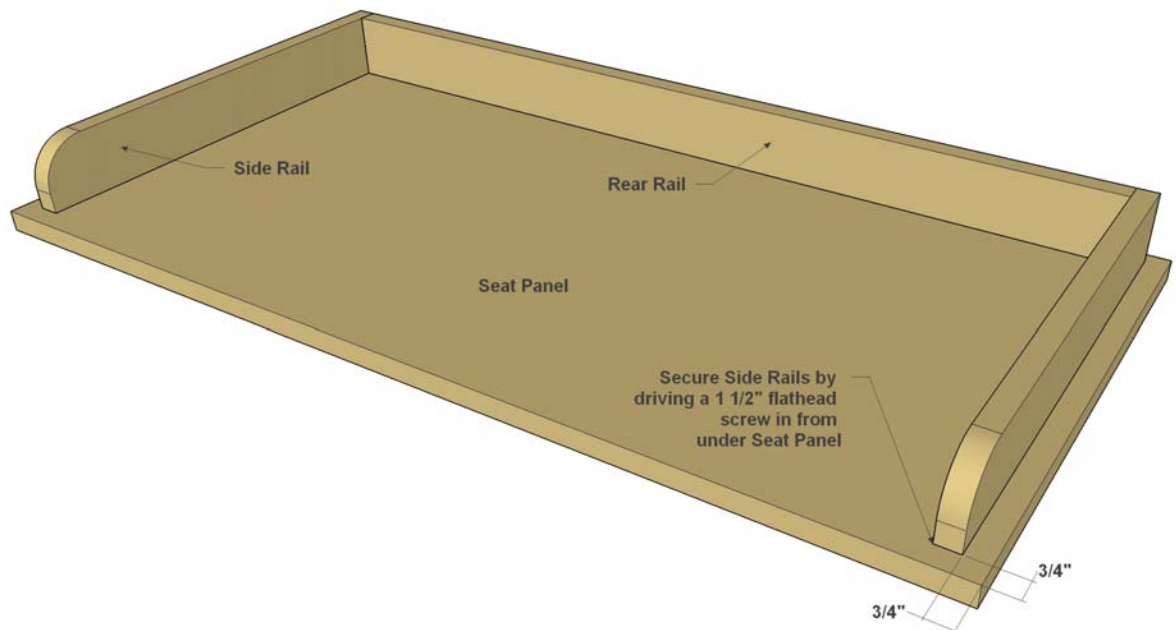


**Step 10:** Attach the Uprights to the Back using 1 1/4" fine-thread pocket hole screws. Make sure that the finished edges of the Uprights are oriented correctly as you do this.

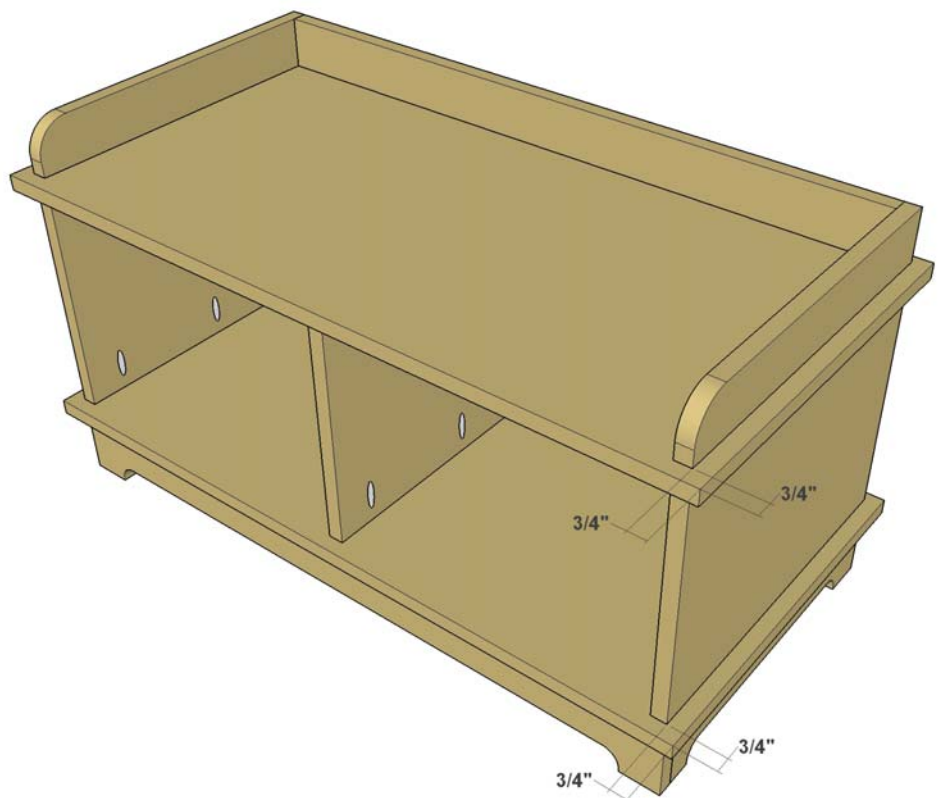


**Step 11:** Assemble the Skirts using 1 1/4" fine-thread pocket hole screws. Then attach the skirt assembly to the Bottom Panel using 1 1/4" fine-thread pocket hole screws, as shown. Note that the Bottom Panel overhangs by 3/4" on each end and in front, and by 1/2" at the back.

**Step 12:** Assemble the Rear Rail and Side Rails using 1 1/4" fine-thread pocket hole screws. Position the rail assembly on the Seat Panel, and drive in the pocket screws through the Rear Rail. At the front of each Side Rail, make sure the Rail is positioned correctly, and then drill a pilot hole into the rail using the hole in the seat panel to guide you. Then attach the Side Rails by driving 1 3/4" flathead wood screws from underneath, as shown.



**Step 13:** Now you can attach the base assembly and the seat assembly to the Uprights and Backs using 1 1/4" fine-thread pocket hole screws. If the square-drive bit that came with your pocket hole jig is too long to let your drill fit inside the cubbies and drive the screws, pick up a shorter (3"-long) #2 square-drive bit.



**Step 14:** With your bench assembled, do any touch-up sanding that's needed, and then apply the finish, stain, or paint of your choice. Once it's dry, your bench is ready to help organize your entryway.