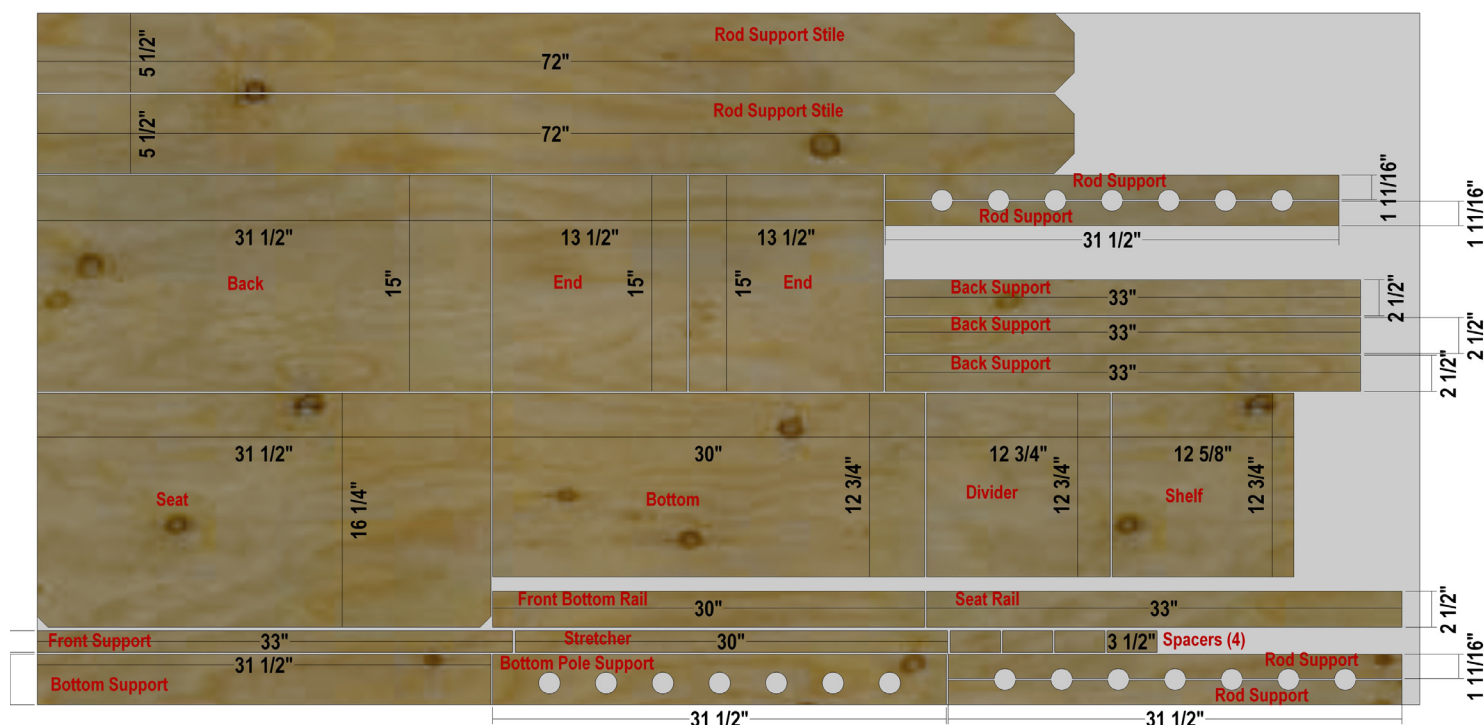


Fishing Storage Bench

Instructions

Cut all parts to fit as you assemble the project and use the Parts List and Cutting Diagram as a guide for dimensions. The Cutting Diagram shows exactly the positions of the parts from one sheet of plywood. You can rip cut to width the sections of the plywood in advance of cutting each part.



Materials

- One 3/4-inch x 4- x 8-foot sheet of plywood
- 4d nails
- #7 x 1 1/4-inch wood screws
- Wood glue
- Locking casters (optional)
- Metal corner braces (optional)

Dimensions

- Width: 33 inches
- Depth: 18 1/4 inches
- Height: 72 inches

Parts List

- Front Bottom Rail - 3/4 x 2 1/2 x 30
- Bottom - 3/4 x 12 3/4 x 30
- Stretcher - 3/4 x 1 1/2 x 30
- Ends (2) - 3/4 x 13 1/2 x 15
- Back - 3/4 x 15 x 31 1/2
- Shelf - 3/4 x 12 3/4 x 12 5/8
- Divider - 3/4 x 12 3/4 x 12 3/4
- Seat - 3/4 x 16 1/4 x 31 1/2
- Bottom Pole Support - 3/4 x 3 1/2 x 31 1/2
- Bottom Support - 3/4 x 3 1/2 x 31 1/2
- Spacers (4) - 3/4 x 1 1/2 x 3 1/2
- Rod Supports (4) - 3/4 x 1 11/16 x 31 1/2*
- Back Supports (3) - 3/4 x 2 1/2 x 33
- Pole Support Stiles (2) - 3/4 x 5 1/2 x 72
- Front Support (1) - 3/4 x 1 1/2 x 33
- Seat Rail - 3/4 x 2 1/2 x 33
- *only three will be used in the project

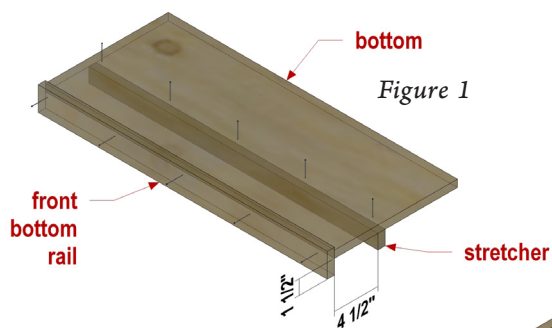


Figure 1

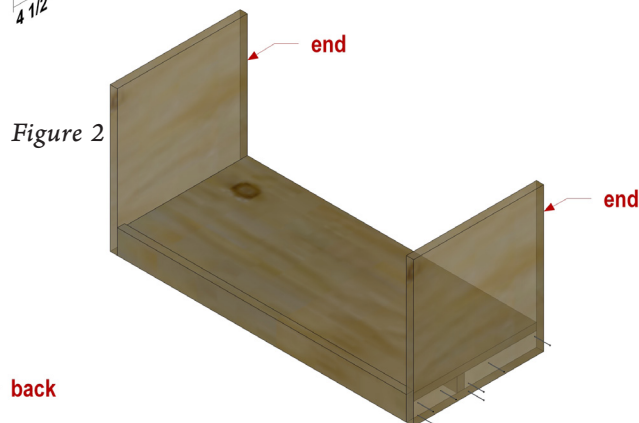


Figure 2

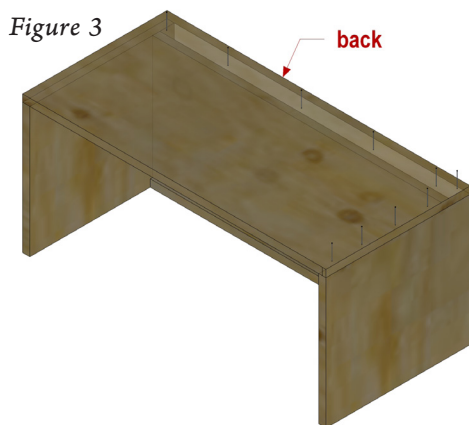


Figure 3

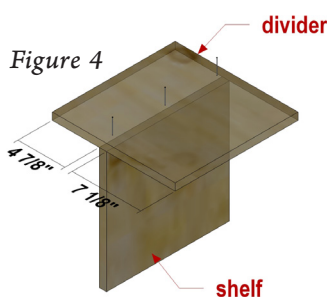


Figure 4

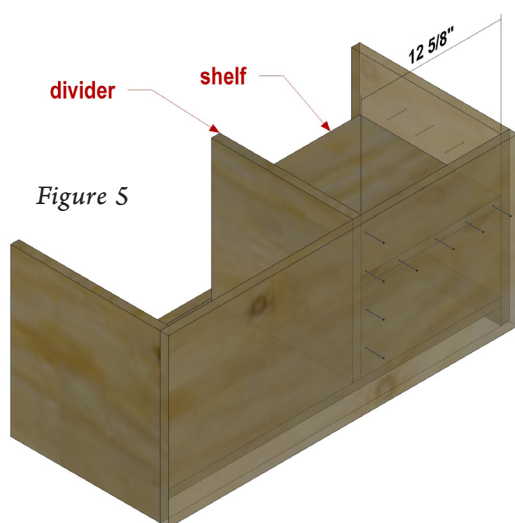


Figure 5

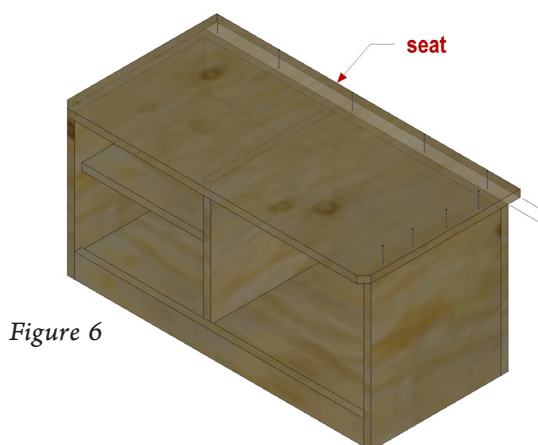


Figure 6

Create the Base

Position the Front Bottom Rail, Bottom, and Stretcher as shown in Figure 1 after applying glue to the front edge of the Bottom and top edge of the Stretcher. Attach using 4d nails.

Apply glue to the outside edges of the Front Bottom Rail, Bottom, and Stretcher, position the Ends as shown in Figure 2, and attach using 4d nails.

Place the assembly with the Front Bottom Rail facing down, apply glue to the back edges (the edges opposite the Front Bottom Rail) of the Ends, and attach the Back using 4d nails as shown in Figure 3.

Apply glue to the end (12 3/4-inch dimension) of the Shelf, position the Divider as shown in Figure 4, and attach using 4d nails.

Use Figure 5 as a guide for positioning the Shelf-Divider assembly. Apply glue to the back edges of the Divider and Shelf (the edge that will make contact with the Back), position as shown, and attach using 4d nails.

Cut the Seat to the dimensions in the parts list. Cut a small 45-degree miter (measured 3/4-inch from the corner) on two corners on the same long edge.

Position the assembly upright, and apply glue to the top edges of the Ends, Divider, and Back. Position the Seat on the assembly as shown in Figure 6, and attach using 4d nails.

Figure 7

Bottom Pole Support

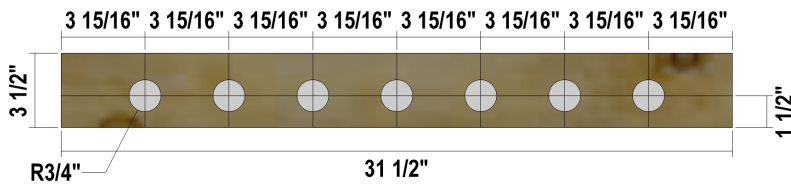


Figure 9

Rod Support (layout)

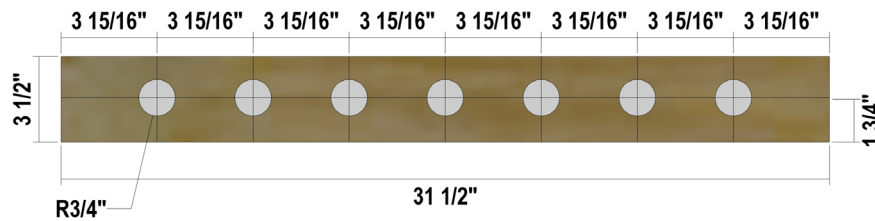


Figure 8

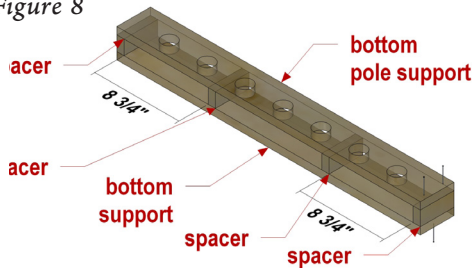


Figure 10

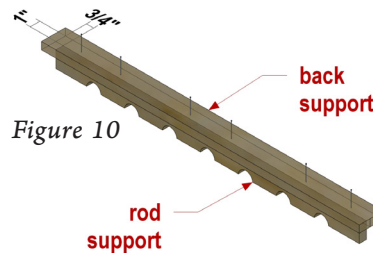


Figure 11

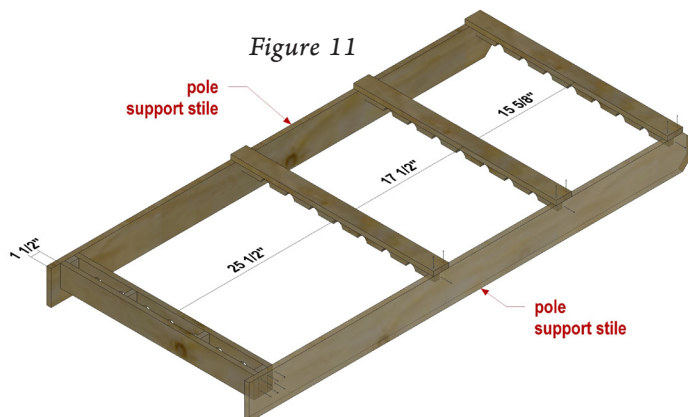
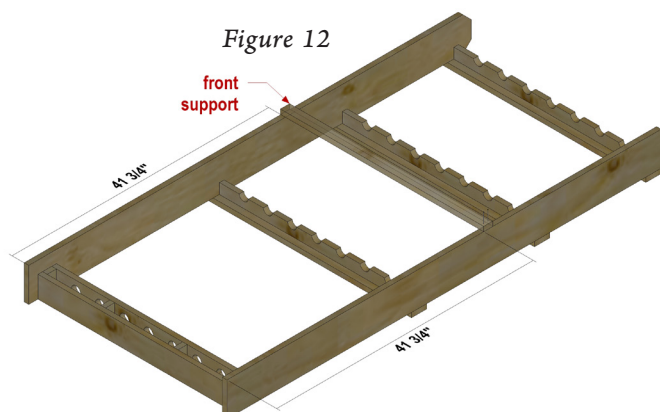


Figure 12



Rod Storage Assembly

Use Figure 7 as a guide for creating the Bottom Pole Support. Drill 1 1/2-inch holes as indicated.

Position the Bottom Support, Spacers, and Bottom Pole Support as shown in Figure 8, and attach using 4d nails.

Use Figure 9 as a guide for creating the Rod Supports. Drill 1 1/2-inch holes as indicated, then rip the parts to 1 11/16 inches wide. You'll only need three of these parts for the project.

Apply glue to the back edge (the edge without the holes) of the Rod Supports, position the Back Supports as shown in Figure 10, and attach using 4d nails.

Cut the Pole Support Stiles to the dimensions in the parts list. Cut a 45-degree miter (measured 1 3/8-inch from the corner) on the two corners on one end of each part.

Position the Bottom Support-Spacer-Bottom Pole Support assembly and the Rod Support-Back Support assemblies as shown in Figure 11. Mark the position of the assemblies using a pencil, remove, apply glue to the contact areas, and replace the parts. Attach using 4d nails.

Flip the assembly over, and position the Front Support as shown in Figure 12. Attach with one 1 1/4-inch wood screw on each end, not fully inserted. When fully assembled in the next step, test placing your fishing rods/poles in the assembly. If you find the Front Support to be position too high and making rod/pole removal difficult, adjust the position of the Front Support as needed and attach either with glue and 4d nails or 1 1/4-inch wood screws.

Figure 13

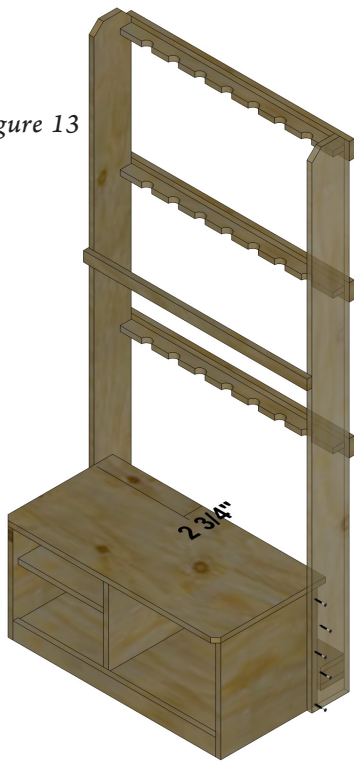
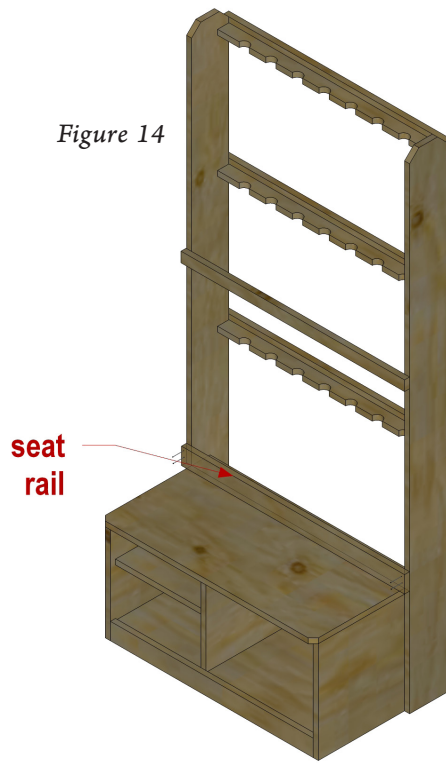


Figure 14

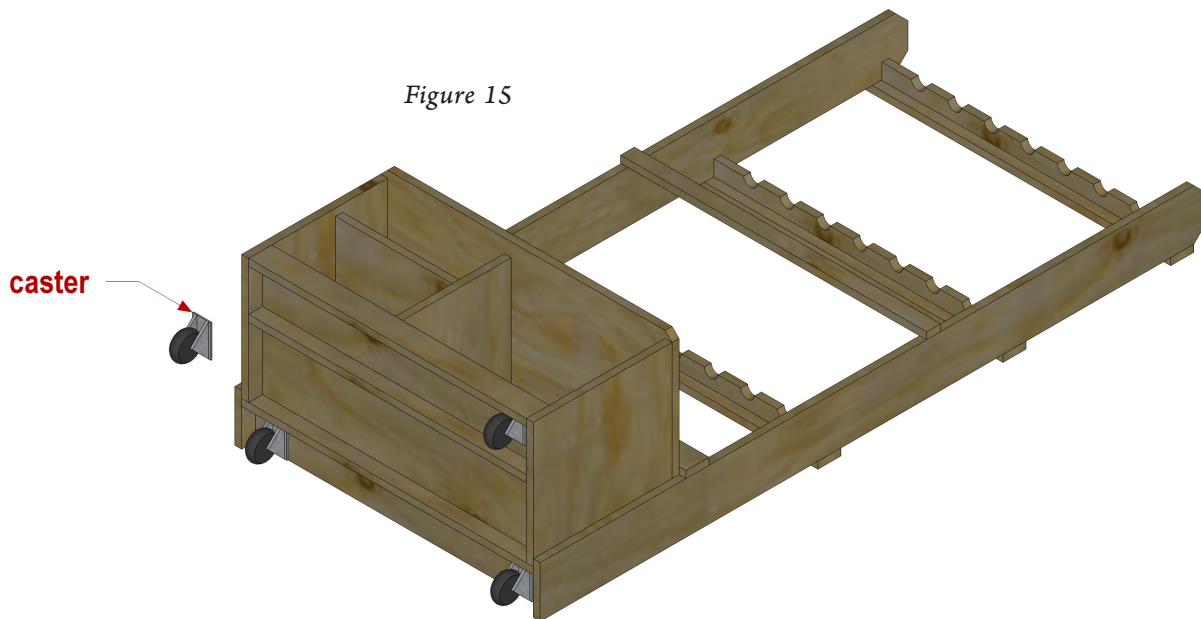


Final Assembly

Position the Rod Storage assembly as shown in Figure 13 (you may need a helper when positioning the assemblies.) Note that the Rod Storage assembly overlaps the Seat by 2 3/4 inches. Attach the Rod Storage assembly to the Base assembly using at least five 1 1/4-inch wood screws on each end.

Position the Seat Rail as shown in Figure 14. Mark the position of the Seat Rail on the Pole Support Stiles, remove, apply glue to the contact areas, and replace the part. Attach using 4d nails.

Figure 15



Optional

To make the Fishing Storage Bench portable, apply locking swivel casters to the bottom, as shown in Figure 15. Note that this project should be placed against a wall when not being moved. If placing in a permanent location, attach the Pole Support Stiles to a wall using metal corner braces.