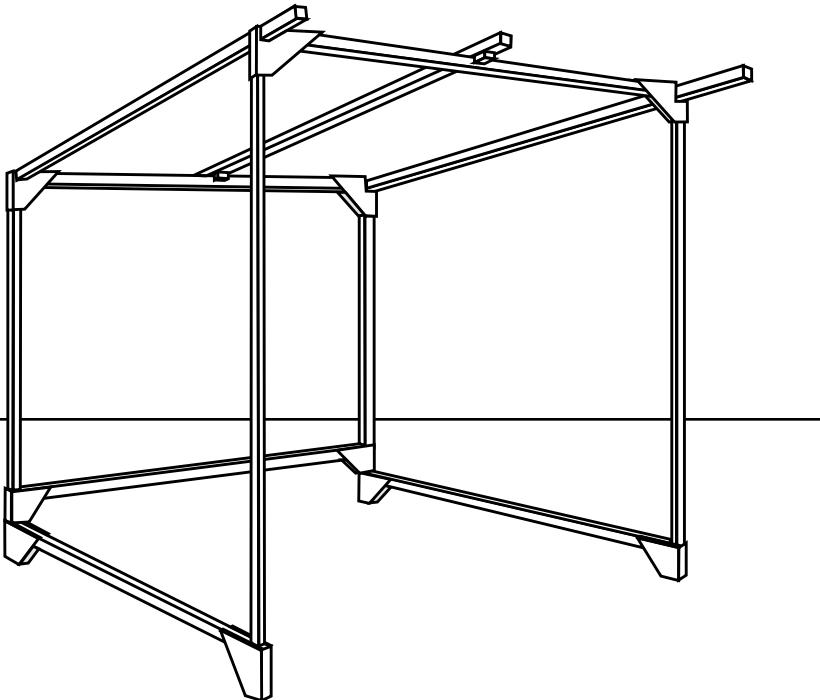




8'X8' Booth Plans



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The following booth plan is for the standard wooden Saturday Market booth. At Eugene's Saturday Market, booth spaces are 8' x 8', and this booth fits nicely in that footprint.

A well built booth for selling your wares at Saturday Market is worth the investment in time and materials required to build it. The booth that is described here can be put up or taken down in about five minutes. All parts of the booth slip together, there are no nuts and bolts.

These plans were first printed in June of 1978. The booth is credited to Dick Cross, a Eugene Woodworker. The plans were developed by Fred Warner and Howard Leighty.

Materials Required

- Twelve 2x2s, 8 feet long. Try to select pieces free of knots and as straight as possible.
- Half a sheet of 1/4" plywood with exterior glue. 1/4" Masonite may be substituted.
- One pound of 4 penny box nails. You may wish to use galvanized nails to prevent rust and streaks. You may even want to use 1 1/4" decking screws, which are self threading and can be put in with a 1/4" electric drill or a power screwdriver. They are also not supposed to rust and are very forgiving. If you make a mistake in placement they can be backed out easily and properly placed. Caution: decking screws are brassy in color and drywall screws are black; drywall screws will rust and streak if used outdoors.
- Two 1x2s, 8 feet long (When selecting the 1x2s, try to obtain material that is 1 5/8" or more on the long side. Otherwise, it will be necessary to get 1x3 or 1x4 material and cut it to the 1 5/8" size as described in Step 2).

Part 1: cut the wood

Step 1. On the half-sheet of plywood, draw twenty (20) trapezoid shaped gussets as shown in Fig A and B. Cut a notch out of the corner of 6 of the trapezoids as shown in Fig. C. Save the notches.

Fig. A

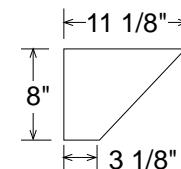


Fig. B

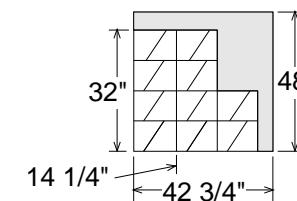
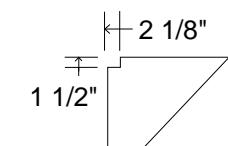
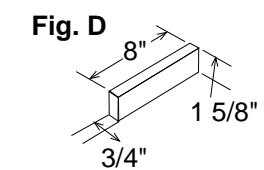


Fig. C



Step 2. Using either a table saw or a hand plane, ensure that the two 8 foot 1x2s measure 1 5/8" on the longer side. Next, cut these into twenty 8" lengths and eight 3" lengths. Depending on what tools are available to you, it may be easier to cut the 1x2s into short lengths first and then plane them to the required 1 5/8" size. See Fig.D.



Step 3. Cut nine of the 2x2s to the following lengths: two 6' 5 3/4"; two 5'10"; three 6'11 3/4"; and two 6'10".

Part 2: make the corner pieces

Step 4. Make an un-notched trapezoidal “sandwich” using two un-notched trapezoidal gussets and two of the 8" 1x2s assembled as shown in Fig. E. Use a short piece of 2x2 scrap to test that the 1 5/8" hole is neither too tight nor too loose. This should be an easy slip fit with slight clearance all around. Make a total of six un-notched “sandwiches.”

Step 5. Using one notched trapezoid and one un-notched trapezoid, make a half and half “sandwich” as shown in Fig. F. Make two of these. Take care to make both a left-hand and a right-hand “sandwich” as shown.

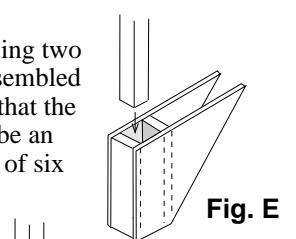


Fig. E

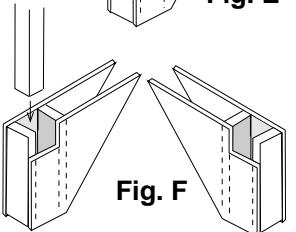


Fig. F

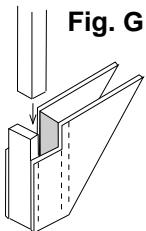


Fig. G

Step 6. Using two notched trapezoids, make a notched “sandwich” as shown in Fig. G. Make two of these. Make sure that the 1x2 sticks up at the outer edge of the notch as shown in Fig. G.

Part 4: assemble the posts and rafters

Step 11. Label the 5'10" 2x2s from that you made in Step 3 as the rear posts. Label the 6'10" 2x2s from Step 3 as the Front Posts. Take four of the 3" long 1x2s from Step 2, and nail one of them to each of these posts 5 1/2" from the top as shown in Fig. M.

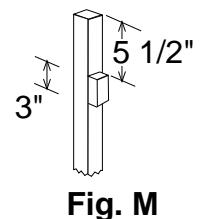


Fig. M

Step 12. Take the small notch pieces that you saved from Step 1 and cut them in half (a hand saw is safest for this cut), so that you now have pieces that are approximately 1 1/2" x 1 1/8". You should make a total of six such pieces. It's also OK to use scrap wood and leftovers.

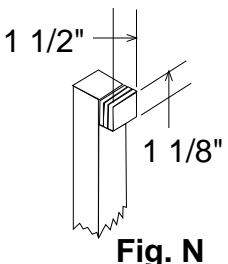


Fig. N

Step 13. Take two of the three remaining 8' long 2x2s, stack up three small notch pieces and nail onto the end of each 2x2 as shown in Fig N.

Step 14. Take the remaining four 3" long 1x2s from Step 2, and nail two of them to each of these rafters as shown in Fig. P.

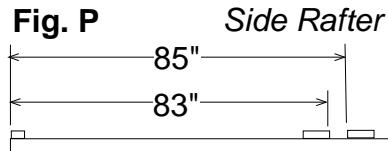
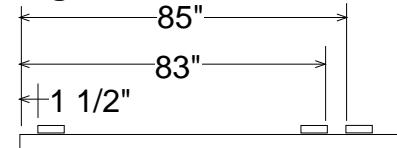


Fig. P

Side Rafter

Step 15. You should have a leftover piece of 1x2 about 6" long from Step 2. Cut this into three equal pieces. If you don't have such a piece, find some old scrap that will do and cut it into 2" pieces so that there are three pieces that measure 3/4"x1 1/2"x2".

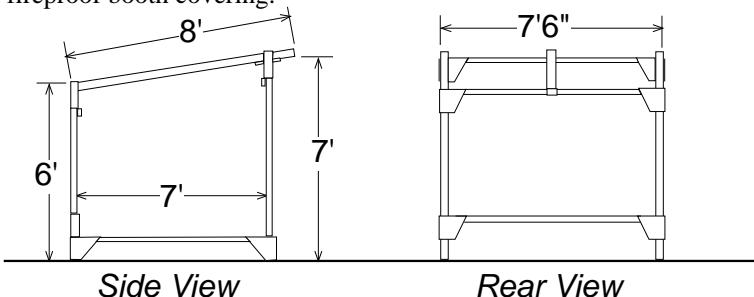
Fig. Q Middle Rafter



Step 16. Nail the three pieces onto the last 8' long 2x2 as shown in Fig. Q.

Setting Up Your Booth Structure

Set the two bottom side pieces on the ground parallel to each other and about 7'6" apart. Set the bottom back piece on top of the sides, matching the holes at the corners. Insert the rear posts into these aligned holes. Insert the front posts in the other holes in the side pieces. Set the top front and top rear pieces on the appropriate holes. The ends of the side rafters hook into the slots in the top rear piece, and lock into the slots in the top front piece. The middle rafter lies on top of the top front and rear pieces to support a fireproof booth covering.



Part 3: assemble the side pieces

Step 7. Take the two 2x2s that are 6'5 3/4" long from Step 3, and four of the un-notched “sandwich” from Step 4, and make and label the two Bottom Side Pieces as shown in Fig. H.

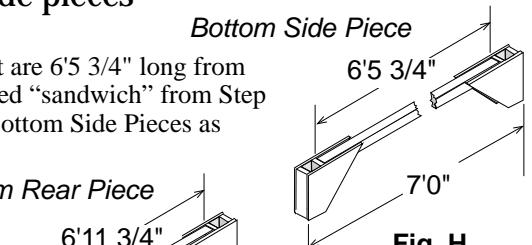


Fig. H

Step 8. Take the last two un-notched “sandwiches” from Step 4 and one of the 6'11 3/4" long 2x2s and make and label the Bottom Rear piece as shown in Fig. J.

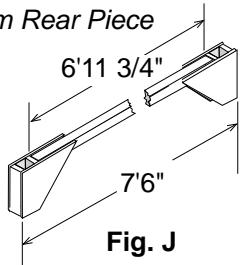


Fig. J

Step 9. Take the right-hand and left-hand “sandwiches” from Step 5, and one of the 6'11 3/4" long 2x2s and make and label the Top Rear Piece as shown in Fig. K.

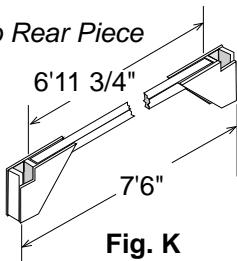


Fig. K

Step 10. Take the two notched “sandwiches” from Step 6, and the last of the 6'11 3/4" long 2x2s and make and label the top front piece as shown in Fig. L.

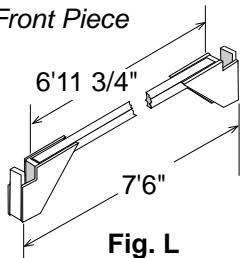


Fig. L