

NOTICE

The purchaser agrees when purchasing this plan (the "Plan") that the purchaser shall have the right to build or construct the object or project set out in the Plan (the "Project") for his/her/its personal use only and not for any other purpose. The Plan in whole or in part by any means whatsoever is strictly prohibited. 3) Blueprints For the Handymon shall not be liable for any willful misstatements or omissions in this Plan. The Project is to be constructed to the Project or for any loss or damage resulting therefrom."

NOTE: Read all directions before beginning

Carpenters Glue should be used to reinforce all joints
Set all nails and countersink all screws

Directions

1) Lay out your material on the workbench, or on saw horses, as outlined in the suggested materials layout (Fig. 1). Draw out all joints exactly as indicated in the cutting diagram (Fig. 2). Before cutting, double check all measurements to ensure that they are correct. Always cut on the waste side of the line. Wipe any excess glue off at each stage of the project. After you make your first cut, check the angle with a protractor to ensure it is correct. Take care when making the angle cuts as they are crucial to the proper construction of the project. Normally, when two sides of the same piece are cut on angles, you are given the measurements of the longest side. You can use a protractor to measure the first angle cut, and use that piece as a template for the second cut. Note that the angles for the cuts differ between pieces HC and BCD. Drill 5/16" holes in pieces H and D where indicated.

2) Lay out two pieces D in an "X" shape as shown (Fig. 3). Bolt the two pieces together with a 5/16" x 4" bolt and two washers. Repeat this operation with the second set of pieces D. Tighten the bolts so that the ends of the legs remain 26 3/4" apart. Note bolts should be snug but not over tight. Mark the centre of pieces B 13 3/8" from the centre on each side. Lay in piece C, the end of C flush with the mark, and the other 2 5/8" inside of the mark. The 2 5/8" gaps should be on the opposite sides, one on the left and one on the right. Pre-drill 1/8" holes in pieces C 1/8" from the ends. Connect the pieces C with four for each C. Lay in the leg assemblies DD so that one D is flush with B and the end of C, this would be on the "gop" side, and the other D lays atop C, flush at the end. Drill through D and B on the "gop" side, and through B,C, and D on the other, with a 5/16" drill bit. Bolt the pieces together with two 5/16" x 4" bolts and two 5/16" x 5" bolts, one of each for each leg assembly.. Two washers should be on each bolt.

3) Lay out the eight pieces A as shown (Fig. 4). The pieces A are 1/4" apart, you can use a scrap piece of plywood to space the 5/16" apart. Lay out the pieces A. From the left end, measure the distance from the left end of A to the first mark. The distance is 15 3/4". Set both pieces B on the pieces A, 9" in from the centre of the marks, 1" in from the edge of each piece A, and also on additional mark 1" from the first on the outside ends as shown in the screw layout detail. Avoid places where the bolts or screws already attach B to C and D. Pre-drill through the pieces B at these marks with a 1/8" drill bit, and countersink the holes with a 1/4" bit to a depth of 1/8". Screw the pieces B to the pieces A with thirty two #8 2 1/2" flathead screws.

OVER

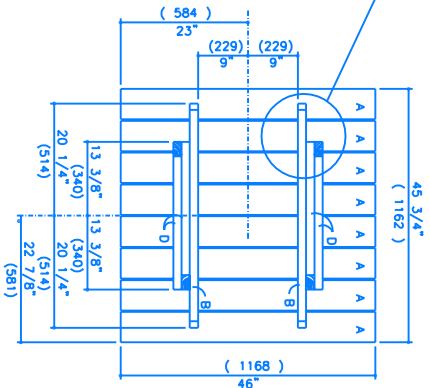
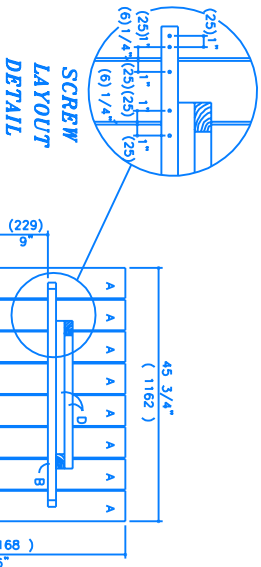


TABLE UNDERSIDE
FIGURE 4

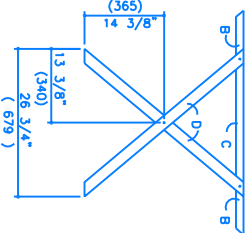
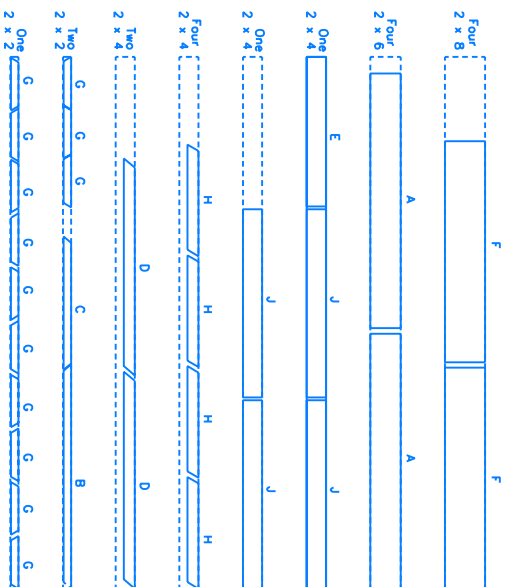
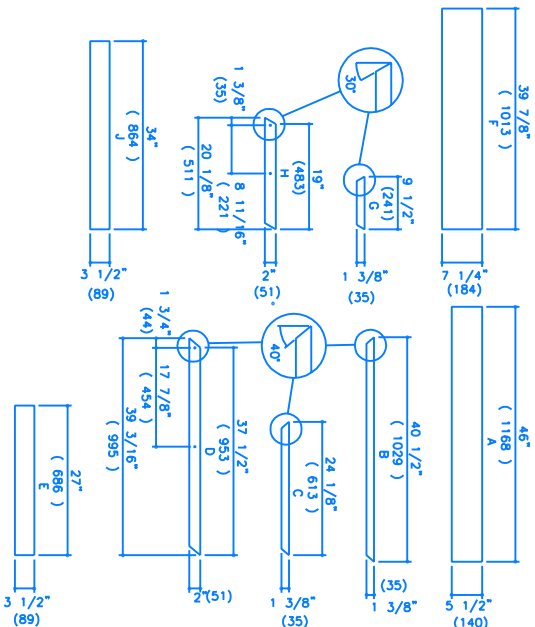


TABLE END
FIGURE 3



MATERIALS LAYOUT
FIGURE 1



CUTTING DIAGRAM
FIGURE 2

MATERIALS LIST

Approx. one hundred #8 2 1/2" x 1/2" flathead screws
Twenty eight 5/16" x 4" bolts & nuts
Two 5/16" x 5" bolts & nuts
Approx. twenty #8 3" flathead screws
Sixty 5/16" washers
Four 7" 2x8 (1 1/2" x 7 1/4")
Four 8' 2x6 (1 1/2" x 5 1/2")

MATERIALS LIST

One 8' 2x4 (1 1/2" x 3 1/2")
Seven 7' 2x4 (1 1/2" x 3 1/2")
Three 8' 2x2 (1 1/2" x 1 1/2")
Sandpaper
Spones

TOOLS

Table Saw and Power Sander
Pencil and Measuring Tape
Power or Hand Drill
1/8", 1/4", 5/16" drill bits
Hammer and Screwdrivers
Square and Nail Set
Plane and Joint Planes
Wrenches to match bolts