

NOTICE

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NOTE: Read all directions before beginning
Carpenters Glue should be used to reinforce all joints
Set oil nails and countersink oil screws
Dimensions in brackets denote millimeters

Directions

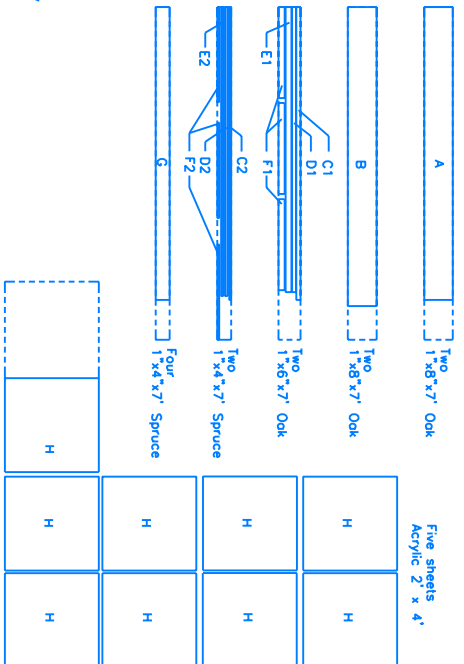
1) Lay out your material as outlined in the suggested materials layout (Fig. 1). Do not cut full parts exactly as illustrated in panel B. Ensure to leave a small space between cut lines to allow for the width of the saw. Before cutting, double check all measurements to ensure that they are correct. Always cut on the waste side of the line.

2) Pre-drill two 1/8" pilot holes in each end of pieces B as shown in Fig. 3. Countersink with a 3/8" bit, 3/8" deep. Drill a 1/8" pilot hole through the holes in pieces B into the edges of pieces A, about 1" deep (Fig. 3). Glue and screw pieces B to pieces A using eight 1 1/2" #8 flathead screws, two in each corner. Glue buttons into pieces B countersinks. Square the assembly and allow to dry.

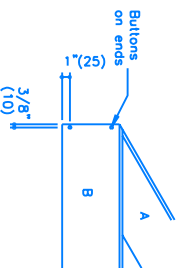
3) Pre-drill pieces C2 through the 1/2" edge using a 1/16" bit. Drill near each edge and every 8" in between. Keeping C2 on it's 1/2" edge, glue and nail pieces C2 to pieces C1, keeping the edges flush, using 1 1/4" finishing nails (see Fig 4). Pre-drill ten more 1/16" holes through the 1/2" edge in each piece C2. Glue and nail C1/C2 assembly to pieces D1 using 1 1/4" finishing nails (see Fig 5). Pre-drill one hole in each piece D2 through the 1/2" edge, glue and nail pieces D2 to pieces D1, keeping D2 on it's 1/2" edge, glue and nail pieces D2 to pieces D1, keeping the rear edges flush, and with a 1/2" overlap of D2 on each end of D1 using 1 1/4" finishing nails see (Fig. 6). Pre-drill ten more 1/16" holes through the 3/4" face of pieces D2. Glue and nail D1/D2 assembly to pieces B, 1/2" up from the bottom edge of pieces B using 1 1/4" finishing nails ten per D1/D2 assembly. Note that the overlap on D2 will fit on top of C1. Pre-drill pieces E2, through the 1/2" edge using a 1/16" bit. Drill 1" from each end and every 8" in between. Keeping E2 centered on E1 using 1 1/4" finishing nails (see Fig 7). Pre-drill a 1/16" hole through the center of the overlap on each piece E1, near the ends of pieces E2. Note these holes will be used for locking pieces E2 into place. Piece E1/E2 assemblies on the C1/C2 assemblies with pieces E2 overlapping top of pieces C1. Measure 24" between the bottom edge of piece D1 and piece E2 through the pilot hole. E1/E2 assemblies should be spaced 24" from the end of piece E2. Install eye screws (Fig 9). Repeat for the other three ends of pieces E2. Pre-drill pieces F2, through the 1/2" edge using a 1/16" bit. Drill 1" from each end and every 8" in between. Keeping F2 on it's 1/2" edge, glue and nail pieces F2 to pieces F1, keeping F2 centered on F1 (1/2" on both sides of F1) and on 1/2" overlap of F2 on each end of F1 using 1 1/4" finishing nails (Fig 8). Place the F1/F2 assemblies loosely on the D and E assemblies as shown in (Fig 9), once ceiling is installed. Mount pieces G flush with the top of assembly ABAB (Fig 9 & 10) with sixteen 1 1/2"x1 1/2" metal angle brackets using sixty four 3/4" flathead screws, four each bracket. The outside pieces G mount tight to B with an angle attached to each end of G and two angles spaced 24" from ends of G on sides adjacent to B. The middle pieces G fasten to pieces A with two angle brackets on each end of G and screwed in A, one centered 25 1/2" in from B.

OVER

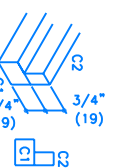
75 1/2" X 75 1/2" SUNSHINE CEILING



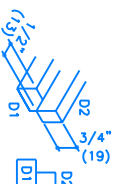
MATERIALS LAYOUT
FIGURE 1



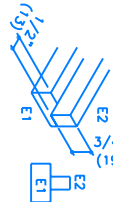
SCREW AND BUTTON DETAIL
FIGURE 3



COMPONENT C
FIGURE 4



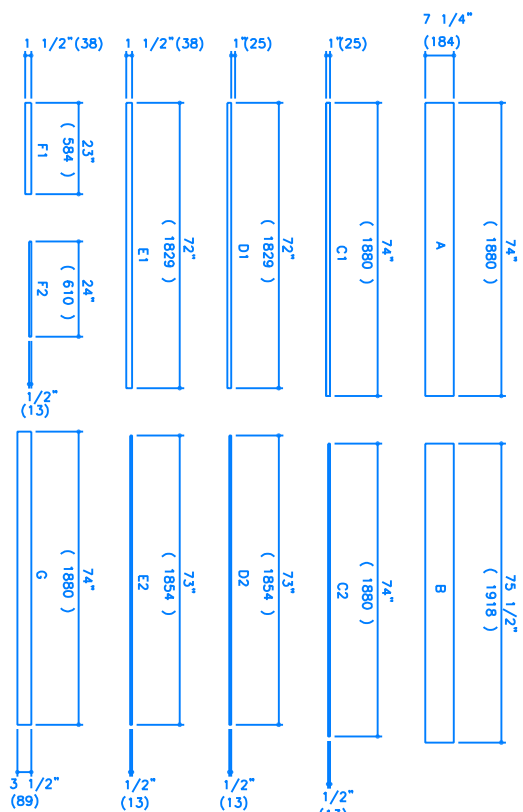
COMPONENT D
FIGURE 6



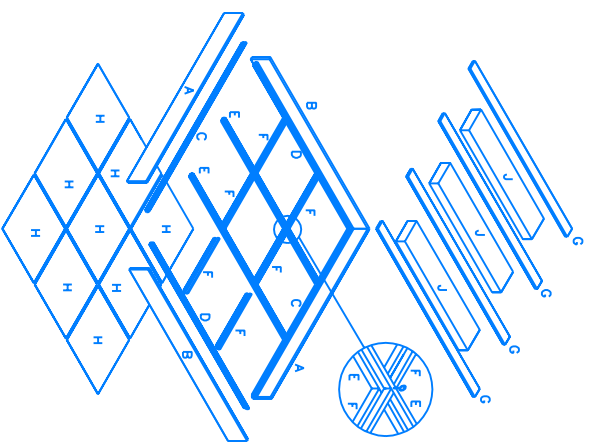
COMPONENT E
FIGURE 7



COMPONENT F
FIGURE 8



CUTTING DIAGRAM
FIGURE 2



EXPLODED VIEW
FIGURE 9

MATERIALS LIST (78-1/2" X 78-1/2")

- Six 1"x4"x7' (3/4"x3"-1/2"x7') softwood
- Two 1"x6"x7' (3/4"x3"-1/2"x7') hardwood
- Four 1"x8"x7' (3/4"x7"-1/2"x7') hardwood
- Eight 3/8" diameter wood buttons
- Sixteen 1 1/2"x1 1/2" metal angle brackets
- Approx. 1/2 lb. 1-1/2" #8 flathead screws
- Approx. 1/2 lb. 1" finishing nails

MATERIALS LIST (78-1/2" X 78-1/2")

- Approx. Twenty Four 3" #8 flathead screws
- Nine 23-3/4"x23-3/4"x1/8" pieces acrylic
- Sixty, oil, varnish or glossy white paint
- Sixty fluorescent fixtures
- Sixty eye screws
- Carpenters glue
- Eight eye screws
- Twenty 1-1/2"x1-1/2" metal angle brackets