

- 3) Screw the bottom piano hinge onto the end of piece P centered on P, with the hinge pin portion just inside the top edge of P (1/16") with the hinge pin portion just inside the top edge of P (1/16") with the hinge pin portion just inside the top edge of P (1/16"). Attach P to H by attaching the hinge already on P to the edge of B as shown (Fig 4) with the hinge pin protruding slightly past the outside edge of B. Ensure the unit is square, and set aside to dry.
- 4) Make the two LM shelf assemblies by gluing the edge of M and nailing through pieces L into pieces M as shown with 1 1/2" finishing nails (Fig 5). Glue one edge of piece M, draw a line 2" from the unrounded edge of piece J, (on the back of J), turn the piece over on top of M, and nail J to M, using 1 1/2" nails. Nail pieces Q and Q1 to piece F with 1 1/4" finishing nails. These pieces are to provide space behind your pegboard. Glue and nail pieces D and E to F with 1 1/2" finishing nails and nail the JM assembly flush with the back of F with 1 1/4" nails as shown (Fig 6). Glue and nail on the main assembly R with 1 1/4" nails. Ensure the door fits snugly into the main assembly, trim as necessary if it is too tight. Attach the door to the main assembly with the piano hinge already attached to B as shown (Fig 7). Pre-drill, glue and nail on spacer N to JM with 1 1/4" nails, flush with end of P when opened (Fig 7). Wipe off excess glue.
- 5) Attach the hook latch assembly onto pieces P & N, and the magnetic latch to G and the top of P. Attach the suitcase latch to pieces C and E to ensure the unit stays closed. Set and fill all nail holes. Fill nail holes with wood putty and sand. Paint and fill all nail holes. Mount to wall 30" above floor with six 3" #8 flathead screws going into wall studs.

On materials:
This project is designed to be painted. The plywood does not need to be expensive.

- TOOLS**
- * Pencil and Measuring Tape
 - * Hammer and Screwdrivers
 - * Table Saw and Jigsaw
 - * Paint Brush
 - * Compass (optional)
 - * Power Drill and 1/16" bit
 - * Square
 - * Wood Chisel
 - * Putty Knife

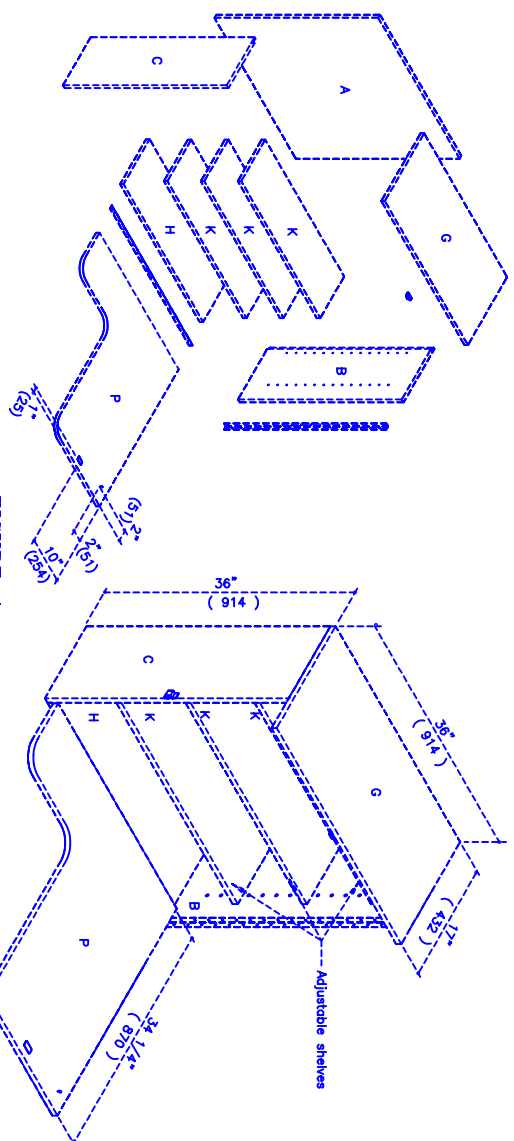


FIGURE 4

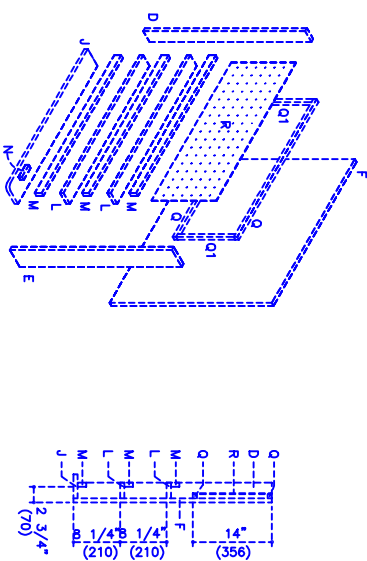


FIGURE 5

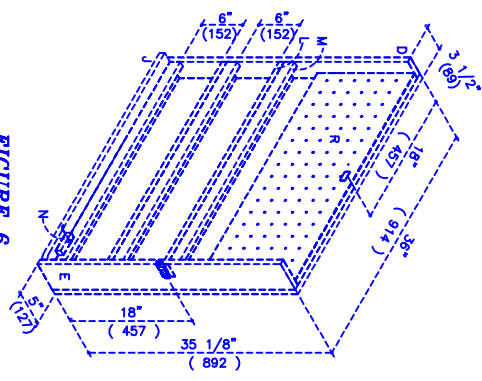


FIGURE 6

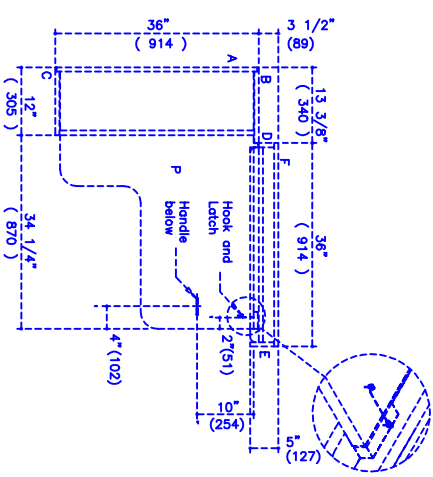


FIGURE 7

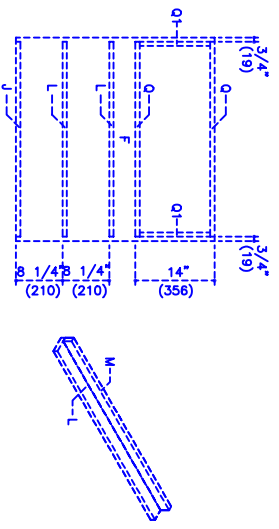
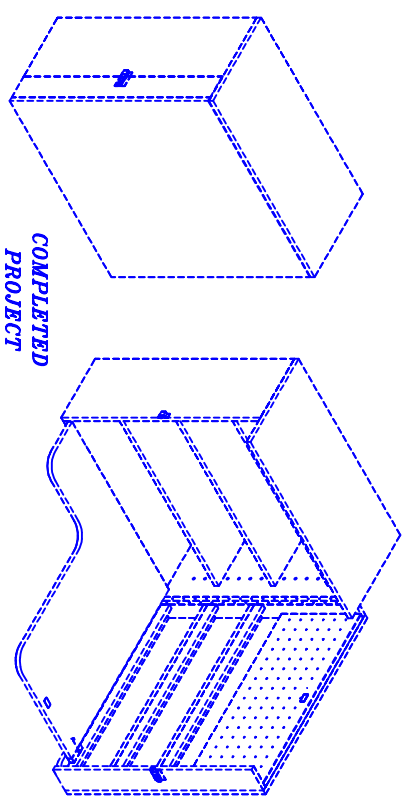


FIGURE 8



COMPLETED PROJECT