

- Using one of your built hinged pieces (Fig. 4), ensure you stand the hinges in pieces F and L as shown (table 4). Ensure you stand the two pieces up at 90 degree angles to each other to allow for the hinge pin space. Centre pieces J on the inside top edges of pieces F and pin. Glue and screw together with twelve $\frac{1}{8}$ x $1\frac{1}{4}$ threaded screws. Pre-drill through the hinge and piece F with $1/8$ " holes where the holes line up when the hinge is inserted into the mortise. Attach the JF assembly to the table legs by screwing through the hinge and piece F into the table legs with $\frac{1}{8}$ inch threaded screws, or with the one you may wish to provide into the edge of the table. This is being done to give you a way to pull down into the edge with a $1/16$ " bit to give everything pre-drill and countersink two $1/8$ " holes in each of the ends of pieces G, 1 $1/2$ " in from the ends, countersink with a $3/8$ " drill with enough depth that you will be able to insert wood bolts. Glue and screw pieces G to the table legs with eight $\frac{1}{8}$ x $1\frac{1}{4}$ threaded screws. We recommend this assembly be done with the legs upside down to ensure that the tops of E, F, and G remain flush. Glue and insert the wood bolts and wipe off excess glue. With the assembly still inverted, place in piece H to ensure it fits. With the assembly still inverted, place in piece H to ensure it fits. Remove or pre-drill with two $1/8$ " holes to intersect the leg, countersink. Place a bead of glue in the holes, on each end, re-insert, and screw to the leg with two $1\frac{1}{4}$ " screws. Pre-drill one hole in each of the ends so that a screw will be secured. Place on the table legs with the legs upside down. We suggest screws for each piece H. Attach pieces F and L with pieces $\frac{1}{8}$ x $5/8$ " pin. Ensure that the top edges (now the bottom edges as the table is upside down) of F, G, H, E, and L remain flush throughout this procedure to ensure the table top will remain flat. Now wipe off excess glue, turn the table over, ensure the table remains square, and allow the glue to set for at least two hours.

On materials: Use materials to match the rest of your dining room furniture. As this is a solid wood project, use top quality materials.

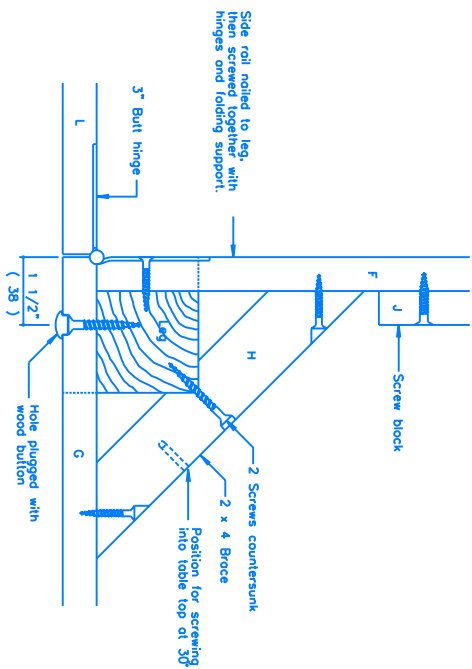
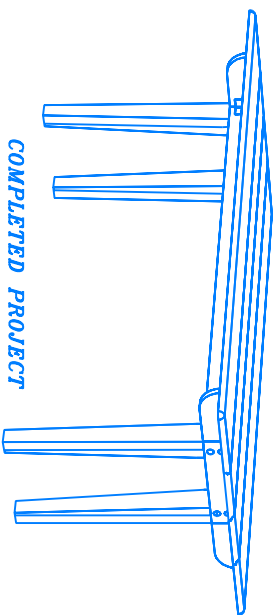


FIGURE 4

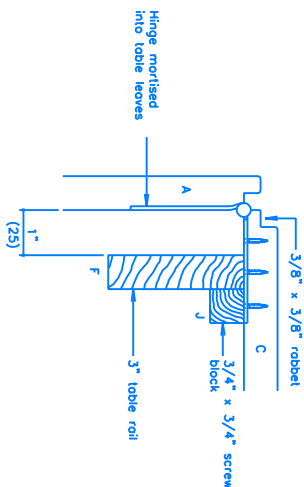


FIGURE 6

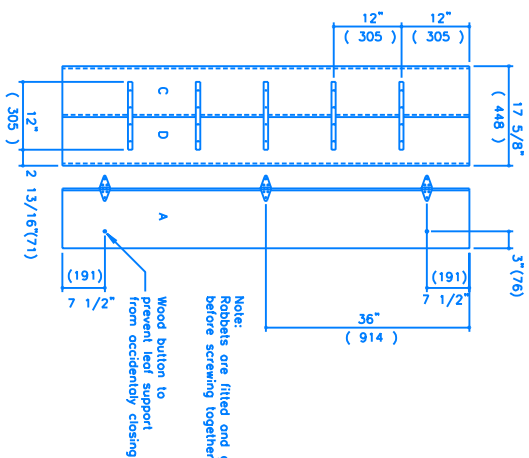
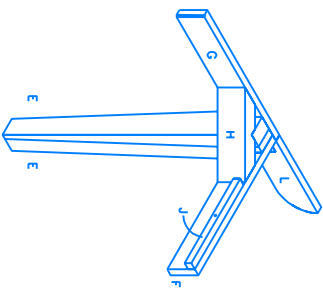
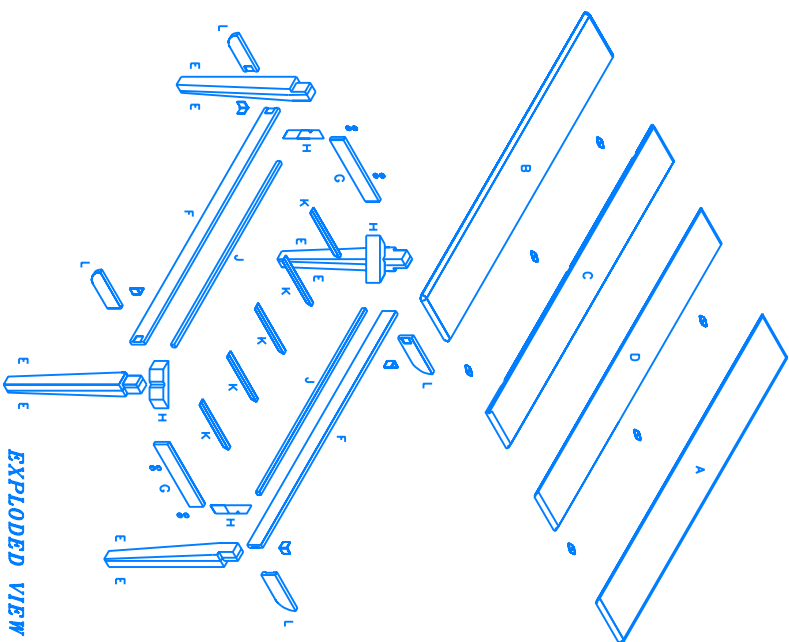


FIGURE 5



EXPLODED VIEW