

- 3) Drill four 1/8" pilot holes into each N as shown (Fig 5). Place N up to X and pre-drill 1/16" holes through the previous holes, 1 1/2" into X. Countersink holes in N with a 1/4" drill bit about 3/4" deep. Glue and screw pieces N to X with 2 1/2" #8 flathead screws. Wipe off excess glue. Ensure that the frame is square and set aside for glue to set for two hours. Repeat for second door. After they have set and dried, insert and glue 1/4" dowel plugs into the countersink holes. Cut and sand the plug smoothly. Place the hinges on door into cabinet to dry fit for 24 hours. Then, dry fit the hinges on the door. To tightly attach glass panels and attach each panel with eight plastic screen clips, attach the handles according to manufacturer's instructions. Attach the piano hinge to N with the hinge pin just protruding 1/8" beyond the face of the door.

- 6) Install the doors by screwing the other side of the piano hinge to pieces A. Ensure the doors swing properly. Attach barn bolts to the top and bottom of left hand door and piece K to prevent the doors from swinging open on their own (Fig. 7). Attach your locking device to the doors according to the manufacturer's instructions. Attach magnetic catches to top and bottom of right hand door. Insert the 1/2" dowel through the door into the wall. Use a hammer to drive the dowel in. Mark the door with a pencil at the point it is all the way through and into the bottom piece B so that you know where the bottom drawers are completely locked (Fig. 8). Sand and taper one end of this dowel to facilitate easier insertion into the hole.

- On materials:**
- We suggest you build this to match your den furniture. Use only top quality material as this project demands quality. We also suggest you use 1/4" plate glass for the panels.

Miter Box & Handsaw, or miter saw
Table Saw

Measuring tape
Power or hand drill
1/8", 1/4", 1/2", and 9/16" drill bits
Screwdriver to match hardware
Hammer
Nail Set
Square
Putty knife
Four C clamps



FIGURE 4

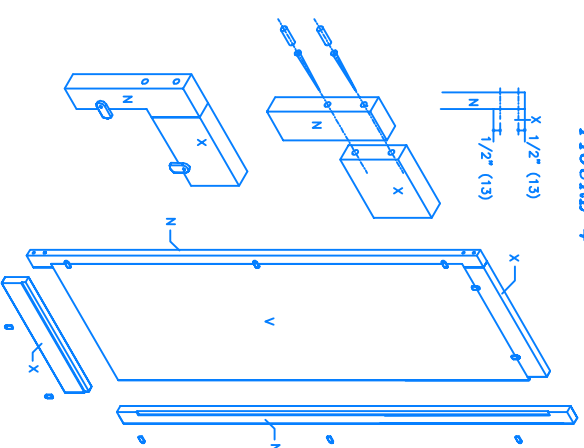
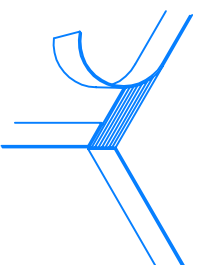


FIGURE 5



EDGE TAPE ILLUSTRATION 2

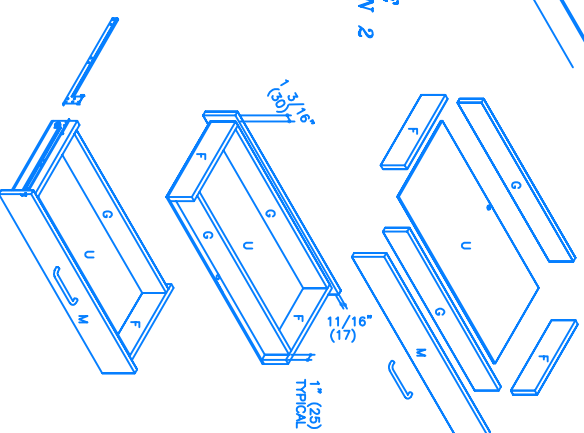
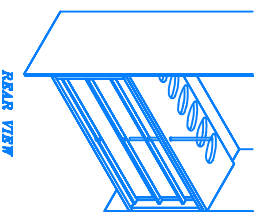


FIGURE 7



REAR VIEW

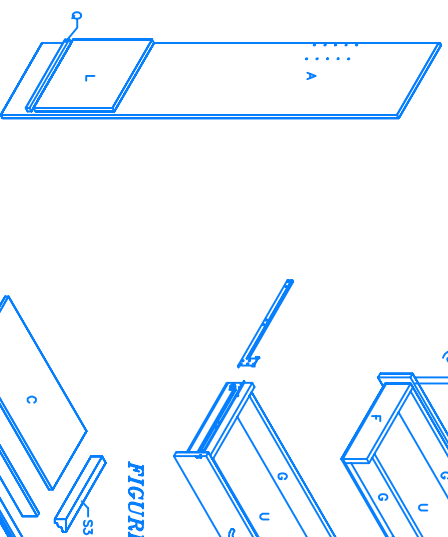
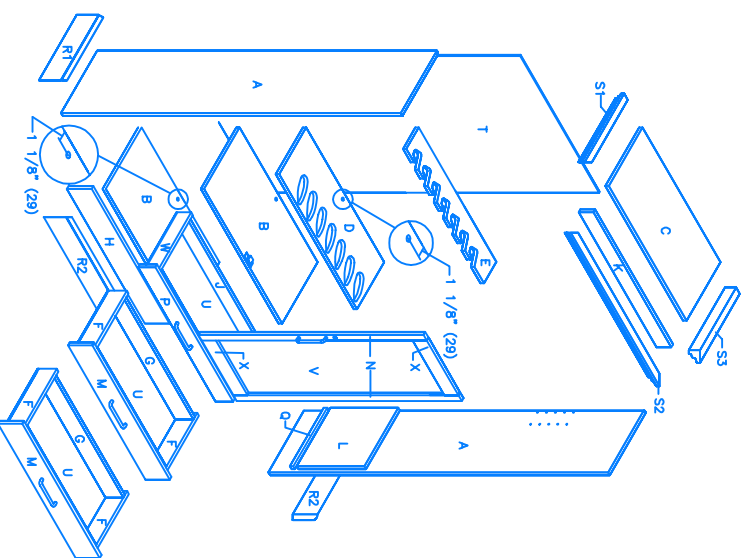
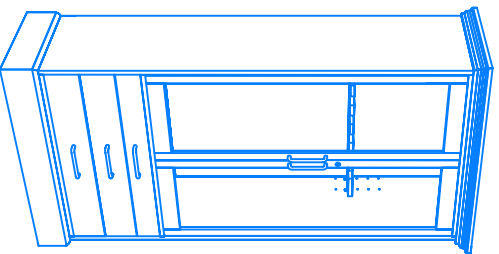


FIGURE 6



EXPLODED VIEW



FINISHED PROJECT