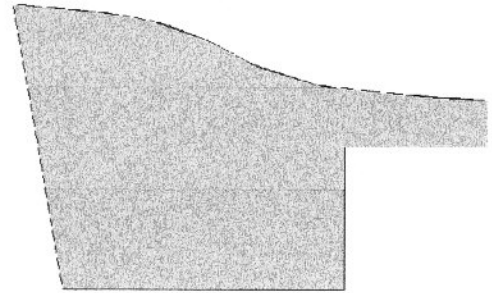


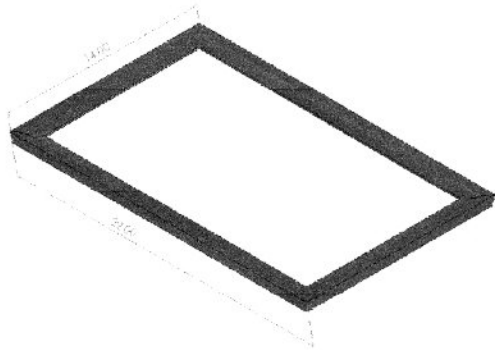
Preparing Plans Pt. 3

With the tray dimensions decided (see Preparing Plans Pt. 2) the profile of the tray frame can be chosen. I decided to stick close to the original plan for my table. It is a simple ogee molding, easily made with a panel raising bit such as Rockler's #38665 or Frued's #99-520 Any similar pleasing profile will work here.

Note that the cross section of the molding also includes a 10 degree angle cut on the outer edge and a 3/8" square rabbet for the tray bottom on the inside edge.



Draw up the plan for the tray. It is not necessary to go into too much detail here. A cross section of the molding with notes about the details (10 degree angle, 3/8" square rabbet, etc) and a plan view showing the tray frame are all that is needed. My plan is in this package. Note the dashed lines that indicate the profile details below the visible plan view.



The original drawing shows a flat table top the same size as the tray. I want mine to be just a bit less than the rabbeted section of the tray. This way the tray is lipping over the table top, so it will be much harder for it to accidentally slide off. So the overall top of my table needs to be 12 x 20 inches. It would be perfectly acceptable for the table to be an open frame with no solid top (like a butler's tray stand) but since a drawer is present, a solid top is needed. For ease of carrying, the top should overhang the frame of the table, so we can now decide on the frame dimensions.

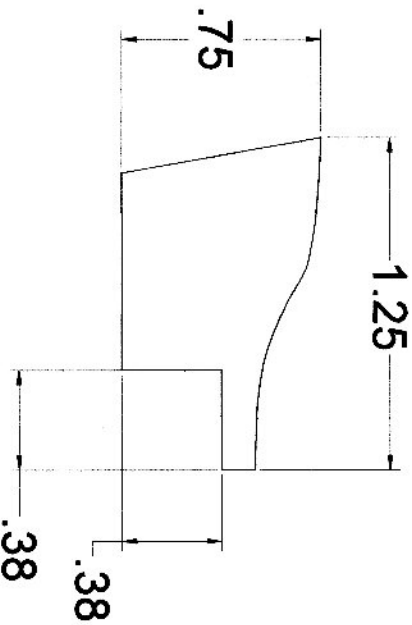
The next drawing to do is the plan (top) view of the stand. First we need to decide on the leg size. Our original print shows 1 3/4" square legs. To my mind that seems a bit on the heavy side for such a small table, and having scaled down the tray, I can scale down the legs a bit too. Here again is a good opportunity to cut some cardboard mock up pieces and decide on a size. I've scaled mine down to 1 1/2 inches.

With the stand top at 12 x 20 inches, and allowing for an overhang of 3/4 inches all around, the stand frame should be 10 1/2 x 18 1/2 from outside to outside. Lay this out, and decide on the apron thickness as well.

In Part 4, we will finalize apron and stretchers then create elevation views. (Front and side)

22.00

14.00



Not to Scale