

Ken's Primo XL Table Plans

Please note the following:

-The height between the table top and the bottom shelf was based on my use of 1-3/4" high concrete pavers under the grill (plus the supplied feet). Whatever you decide to use under your grill, if anything, will impact the height of the grill above the table top. You might want to measure the height of your grill before setting the bottom shelf height making sure you allow for the hinge arc in the back.

-See note 10 on the drawing which relates to the oval cutout in the table top.

-I did a complete glue-up of my table top. In the event that you do not want to do a glue-up, I would recommend running the lumber lengthwise instead of as shown on the drawing.

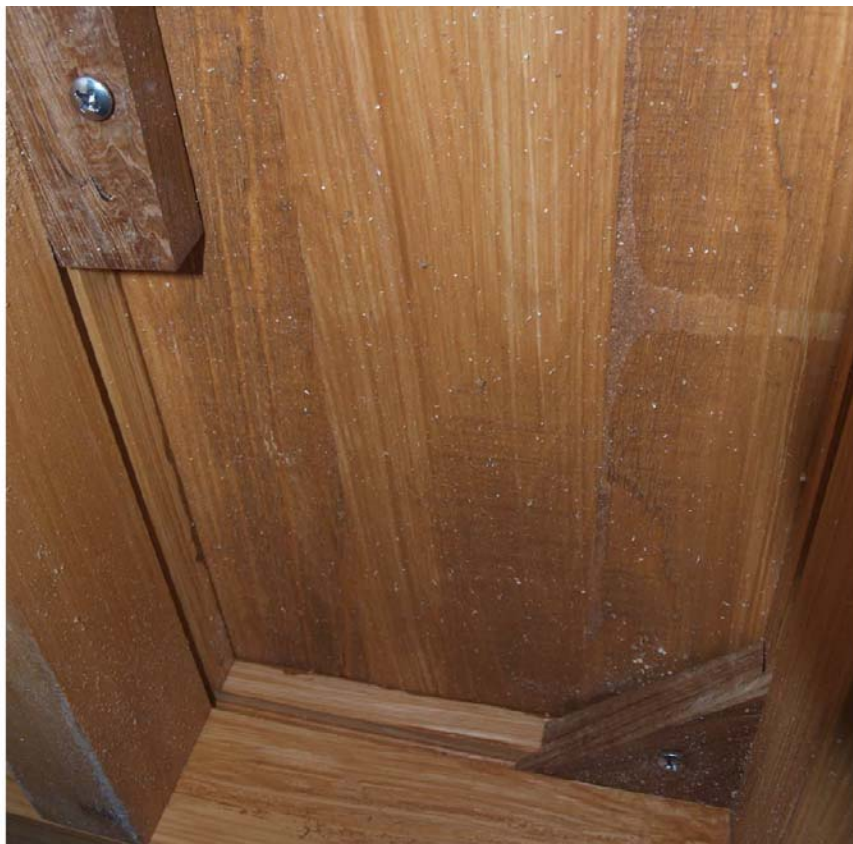
-As you might have noticed in the pictures on the forum, I removed my wood tabletop as shown in the plans and had a Granite top installed. It was a deal I just couldn't pass up.

-I did make a slight "improvement" when I built a table for my Dad. I added a horizontal piece to the front of the table to make it look less "ragged" and more finished. I used biscuits and Gorilla glue to install this piece too. (Second picture below)





Dado detail under the top.



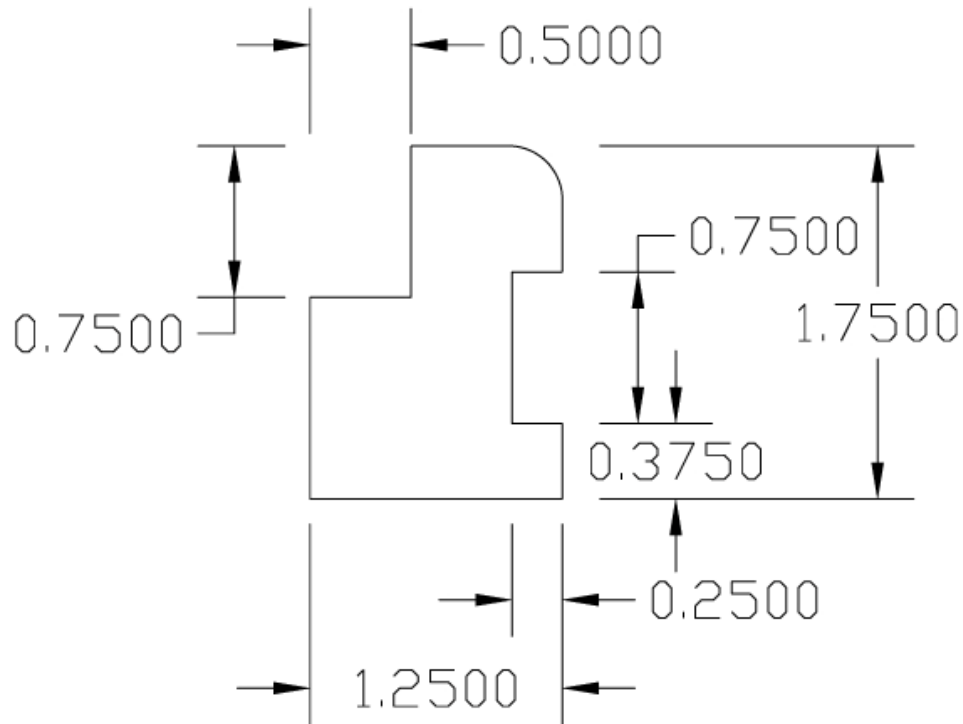
The plans on the last page were used for the tables in the photos above. I recently built two tables for friends where I used $\frac{3}{4}$ " thick IPE (pronounced EE-PAY) for the top. The construction was basically the same for the frame except that the leg pieces were cut to a 24" length and a cross piece was used under the legs to support the casters. I used McFeely's EB-TY Mini Jr. hidden deck fasteners for the lower shelf as well as the top pieces. As you can see, I also ran the top boards lengthwise. At the edges of the boards attached to the frame, where you can't use the EB-TYs, I drilled a shallow $\frac{3}{8}$ " counterbore with a forstner bit and then drilled a $\frac{1}{8}$ " pilot hole and used McFeely's SS Square Head screws to attach to the frame. Then I used a plug cutter and made some plugs out of scrap IPE and Cypress to plug the counter bore (glued in and cut off flush). I also used Gorilla Glue under each board where it attached to the frame.

Casters were purchased from Caster City (link below). Please note that the use of other casters may affect the overall height of the table. Adjust as necessary.

I also did some custom IPE inlay in Cypress to frame around the top. This is sort of advanced woodworking and requires ripping a piece of IPE, routing a groove in the Cypress frame piece, gluing into place and then running through a planer to make flush. I made the dimensions a bit larger than the dimensions shown below to allow for the amount of material that was removed by the planer. The frame was cut at a 45° angle at the corners and biscuits were used to join to the table top. Make sure you leave enough overhang ($\frac{1}{2}$ " minimum) to install the frame. I used Minwax Golden Pecan stain on the Cypress and the IPE was left its natural color. Four coats of Minwax Helmsman Spar Urethane were used as the finish. There are some additional photos of this table in my gallery on the Primo forum.



Top Frame Profile



Link to the EB-TYs:

http://www.ebty.com/hidden_deck_fasteners-mini.php?_vsrefdom=www.google.com

Link to the casters:

<http://www.castercity.com/eshop/10Expand.asp?ProductCode=9UP4x2-S&ReturnTo=../cm9.htm>

All casters had the "PS" Sealed bearing option and the front casters had the "TB" Wheel lock option.

Link to Minwax Helmsman:

<http://www.minwax.com/wood-products/exterior-clear-protective-finishes/minwax-helmsman-spar-urethane>

Table plans on the following page

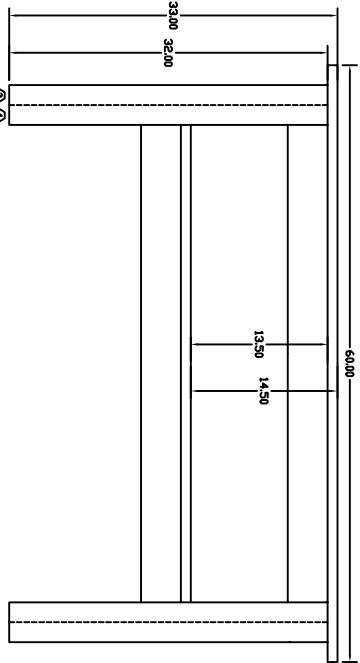
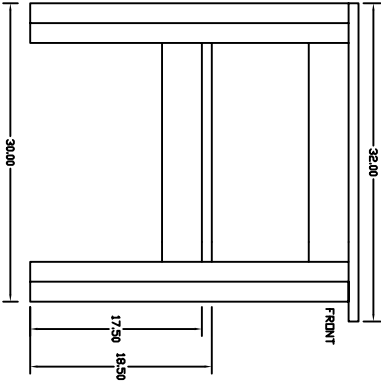
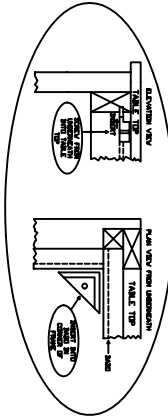


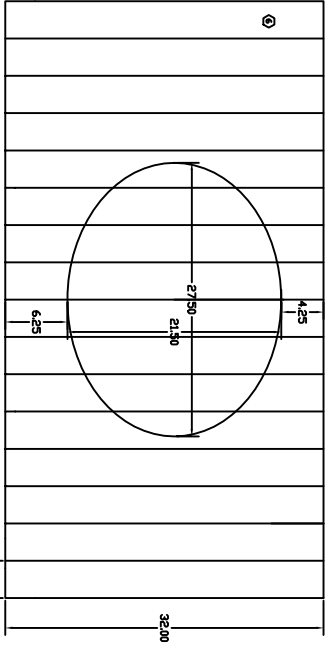
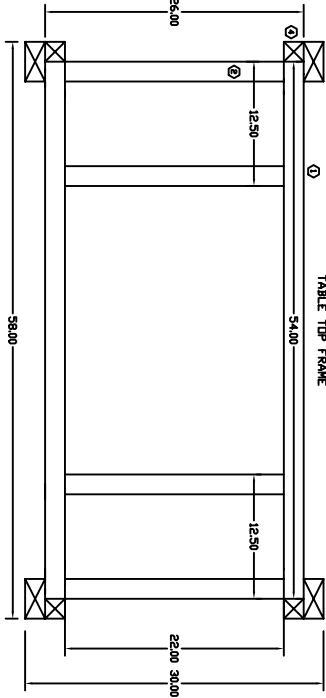
TABLE TOP FRAME

TABLE TOP

DAIJO DETAILS
SEE SHEET 2 OF 3

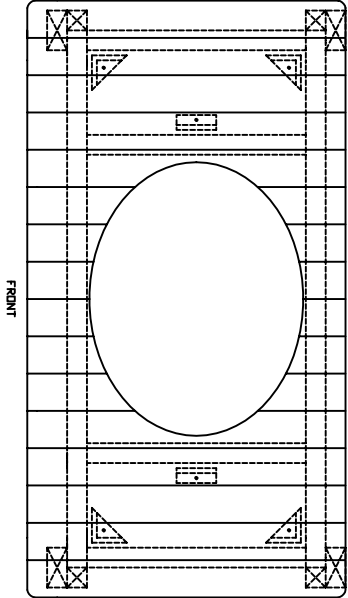


CUT LIST	
ITEM	QTY DESCRIPTION
1	4 2" X 4" X 54" TOP AND BOTTOM FRAME
2	8 2" X 4" X 22" TOP AND BOTTOM FRAME
3	4 2" X 4" X 36" SUPPORT LEGS
4	4 2" X 2" X 36" SUPPORT LEGS
5	1 X 60" X 54" BOTTOM SHELF
6	1 X 5/8" X 36" TABLE TOP

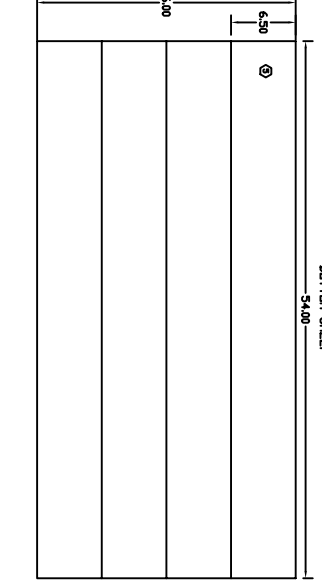
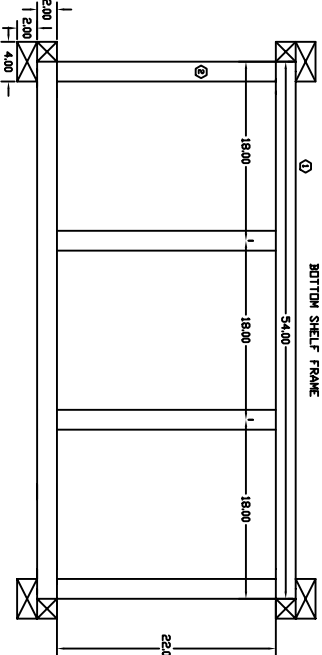


BOTTOM SHELF FRAME

BOTTOM SHELF



FRONT



NOTES:

1. FULL DIMENSION LUMBER WAS USED IN THIS PROJECT (IE - 2 X 4 IS ACTUALLY MEASURE 2" X 4")
2. FRAME CONSTRUCTION WAS WITH DAIJO RESOLUT AND GORILLA GLUE
3. TOP AND BOTTOM SHELF WERE A SOLID GLUE UP WITH RESOLUT JOINTS AND GORILLA GLUE
4. GLUE UP SUB-ASSEMBLIES WERE Sanded AND STAINED PRIOR TO ASSEMBLY
5. SCREWS IN COUNTERBORED HOLES
6. FRAMES WERE ATTACHED TO LEGS USING 3" AND STAINLESS STEEL SQUARE DRIVE SCREWS IN COUNTERBORED HOLES
7. SEE DAIJO DETAILS FOR ATTACHMENT OF TABLE TOP TO FRAME
8. CUT DAIJO GROOVES IN TOP FRAME PIECES PRIOR TO ASSEMBLY
9. GRILL CUTTING LID MAKE AND CUT AWAY THE EXCESS
10. GRILL CUTTING LID MAKE AND CUT AWAY THE EXCESS
11. TABLE TOP REMAINED ON CORNERS
12. THE GRILL REMAINED ON THE DAIJO TOP AND THERE WAS NO USE OF 1-3/4" HIGH CONCRETE PAVERS AND THE FRONT FEET WHATEVER YOU USE UNDER THE GRILL IF ANYTHING WILL IMPACT THIS DIMENSION
13. MAKE TO YOUR GRILL BEING IN SETTING THE BOTTOM SHELF HELD IN DO THIS WITH THE LID OPEN AS THE HINGE HAS A DOWNWARD ARC.