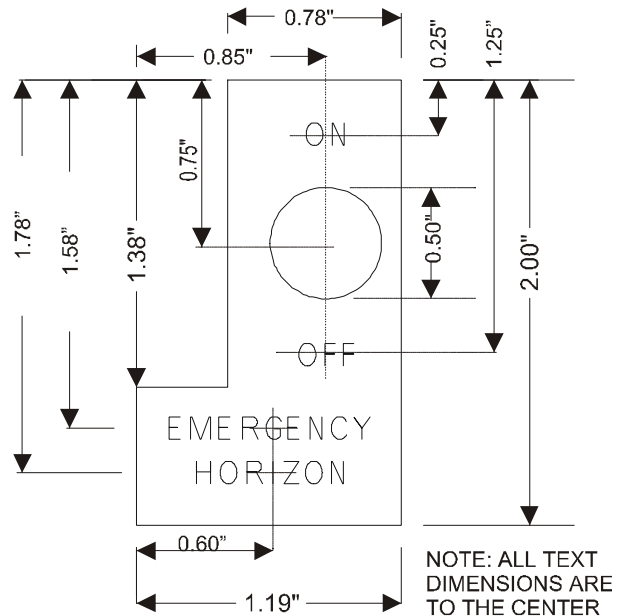
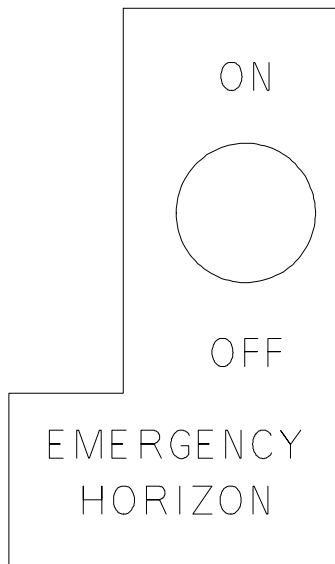




Project #162



If you are not into "industrial" engraving the above blueprint will probably be quite intimidating. On the other hand if you will invest the time and energy to work your way through this very simple blueprint you should have no problem engraving *any* blueprint; even *the most complex of blueprints are just more of the same!* The specs are on the right; the actual Xenetech finished job is on the left.

1. Create a New layout in Xenetech 2" tall and 1.19" wide .
 Set the **Multiple plate size** about 3" high 2" wide (to allow "cutout" room)
 Set left and right margins to 0' to allow graphic to go right up against the edges
 Set justification to None to allow proper location of text
 Toggle Baseline to Line Y Center (see notes below)

2. Place text as per specs : all line heights are .1"

	Line Y Center*	X Center*
ON	.26	.85
OFF	1.25	.85
EMERGENCY	1.58	.60
HORIZON	1.78	.60

3. Draw the shape (exterior "box" and "hole") in CorelDRAW (or your CADD program) as per specs. {This can be done inside Xenetech software using the UTILITY font in case you do not have drawing program or CADD.}
4. Select the created object and Copy it (Edit | Copy) .
5. After switching back to Xenetech, paste it into layout (Edit | Paste).
6. Size/position graphic to "fill up" the plate. (height and baseline both 2", line width 1.19")
6. Color it red (so it will engrave after the text which you entered as black)
7. Set **Color | Engrave By Color** to **ON** (checked).

8. Check **Grid Cutout** on [so you don't engrave into side/top rails when cutting out].
9. Engrave the rascal!
 - i. Text will be engraved and cutter will return to home (green light on).
 - ii. Place profile cutter in and start table. Graphic will be engraved. (green light on)
 - iii. Home/Cancel from Pendant (no need to have it really Grid Cut Out)...we did that just to offset the actual piece.

Notes:

- By default Black engraves 1st. (see this in **Color | Layers...**)
- **Baseline - Top of Line - Line Y Center** can be toggled with the left or right arrows after clicking on Baseline in the *Toolkit* along the left side of the layout screen.
- X-Center is a seldom used "power tool" found in the toolkit. The **Justification** must be set to **None** for this to be functional.
- I created the graphic in CorelDRAW in less than 2 minutes, pasted it into Xenetech and the above graphic is the actual Xenetech layout.

===== end Project #162 © Engraving Concepts 2006 <http://www.engravingconcepts.com> =====