

# Working with the AutoCAD Laser Cutter Template

## DOWNLOAD

\_Download the laser cutting file template from the Juno server.

\_Go to \\Juno\Public\DigitalFabrication\LaserCutter-Template\

\_Open or download the file named "Laser Cutter File.dwg".

## DRAWING

\_The "0" layer represents the laser's maximum bed size of 32" x 18". The laser operators use this for targeting alignment when plotting. If you change this size, your parts will not cut correctly.

\_You must either draw your parts to be cut in this drawing, or cut and paste parts from another AutoCAD file into this file.

\_Parts pasted into the drawing will retain their original layer names. You must place these parts onto their new appropriate layers and **delete the old layers**.

**\_Delete all unnecessary information from your file.**

\_All parts must be placed within the dotted lines of the "Bleed\_Boundary" layer. The effective cutting area is 31 1/2" x 17 1/2"

## ALTERING THE TEMPLATE FILE

\_You may not alter the size of the rectangle in the "0" layer.

\_You must use the layers provided (i.e., all parts to be cut must be placed on the magenta cut layer, all parts to be scored must be placed on the blue vector score layer).

\_You may make additional layers named "innercut03", "innercut04", etc. as needed.

\_You may make copies of the 32" x 18" box in the "0" layer for larger files or for files with multiple materials.

## THOU SHALT NOTS . . .

\_Thou shalt not use this file for anything but laser cutting. (Plotting from this file will embed information that conflicts with the laser drivers.)

\_Thou shalt not scale the original page layout.

**\_Thou shalt not come to the laser cutter with any AutoCAD file formatted in any way other than described above. You will be turned away.**