Below is the basic setup required to create a HP 7475A plotter driver in AutoCAD that can be used to export HPGL files into the Vision engraving software. It has been verified in AutoCAD LT 2000i.

The steps are summarized below:

- 1) Start AutoCAD and Access the Plotter Manager from the File menu.
- 2) Double Click the Add-a-Plotter Wizard to begin the plotter driver installation
- 3) Follow the prompts to install a local plotter driver until you are prompted to select the type of plotter to install. You should make the following selection to choose the HP 7475A plotter driver.

Add Plotter - Plotter M	odel	x
Begin Network Plotter System Printer ▶Plotter Model	Select your plotter manufacturer and model. If your plotter isn't listed, consult your plotter documentation for a compatible plotter. Optionally, if you have an installation disk containing an HDI driver, choose Have	
Select Driver Import Pop or Po2 Ports Plotter Name Fixials	HIF file attached to the HDI driver.	
Finish	Autodesk ePlot (DW/F) CalComp T475A 7550A 7550A 7550B Ccc Raster File Formats Xerox Engineering Systems This model is supported by HPGL - by Autodesk Inc.	
	<u>H</u> ave Disk	_

Click "Next" to continue. Click "Next" again at the next screen.

4) You will now be prompted to select the port used for the plotter. Select the "Plot to File" option as shown in the dialog below. Then click "Next" to continue.

Add Plotter - Ports	×
Begin Network Plotter System Printer Plotter Model Select Driver	Plot to a port     Plot to File     AutoSpool     The following is a list of all ports available for the currently     configured device. All documents will be plotted to the port     you select.
Import Pcp or Pc2 Ports Plotter Name Finish	Port     Description     Printer       COM1     Local Port       COM2     Local Port       COM4     Local Port       COM1.DOS     Local Port       COM2.DOS     Local Port
	Configure Port     What is AutoSpool      Show all system ports and disable I/O port validation      < <u>Back</u> Next>     Cancel

5) When the Finish dialog appears, click on the "Edit Plotter Configuration" button to display the screen shown below:



6) Click on the "Custom Properties" item in the upper window and then click on the "Custom Properties" pushbutton to display the following screen:

HPGL Driver - by Autodesk, Inc.: Custom Properties	? ×			
Long plotting				
Do not warn at plot time				
Eause between frames				
<u>S</u> econds to pause between frames				
<u>B</u> equest hard clip limits from plotter				
✓ Use simplified <u>H</u> PGL				
Handshaking instructions for network plotting and plot to file				
○ <u>U</u> se Hardware handshaking				
OK Cancel <u>H</u> elp				

Be sure to check the "Use simplified HPGL" option in this dialog. Then click OK to continue.

Click OK again to close the Plotter Configuration Service. Then click "Finish to complete the installation.

7) To export the file to the Vision software, just plot the desired file to the HP7475A plotter device just installed. You will be able to specify the file name and location of the plot file in the AutoCAD plot dialog. The file will import into Vision rotated sideways. But you can easily use the Line Rotation command in Vision to rotate the image left into proper position for engraving.