

Before starting this procedure, make sure the Ioline long plot driver is installed into your ACAD root directory. Copies of the driver and installation instructions are available on the Ioline web site. <http://www.ioline.com/>

1. Your drawing should be ready to plot.
2. From the AutoCAD menu select "File".
3. Select "Print/Plot".
4. From the "Print/Plot" dialog box (Fig.1), click on the "Device and Default Selection" button. Load the Ioline long plot driver as your default output device.
5. Below in "Additional Parameters" section, select "Plot to File". Click on the "File Name" button.
6. Type in the file name and directory path for your file to be saved.
7. In the upper right corner under "Paper size", select the "Size" button. In the blank boxes type in a page size that is bigger than the plot size. Click on "OK."
8. From the Scale, Rotation and Origin menu check "Scaled to Fit".
9. "Plotted inches=drawing units" parameters requires a special calculation (Fig. 2) for more details.
10. From the "Plot Preview" menu select "Full"
11. Click on the "Preview" button. Your drawing should appear within the plot area.
12. If the plot does not appear in the plot area, adjust the plot size parameters within the "Paper and Orientation Size " menu until the plot appears in the main layout display.
13. Once you are happy with the preview, click on "OK".
14. Your plot is now saved as a .PLT in the directory you previously selected.

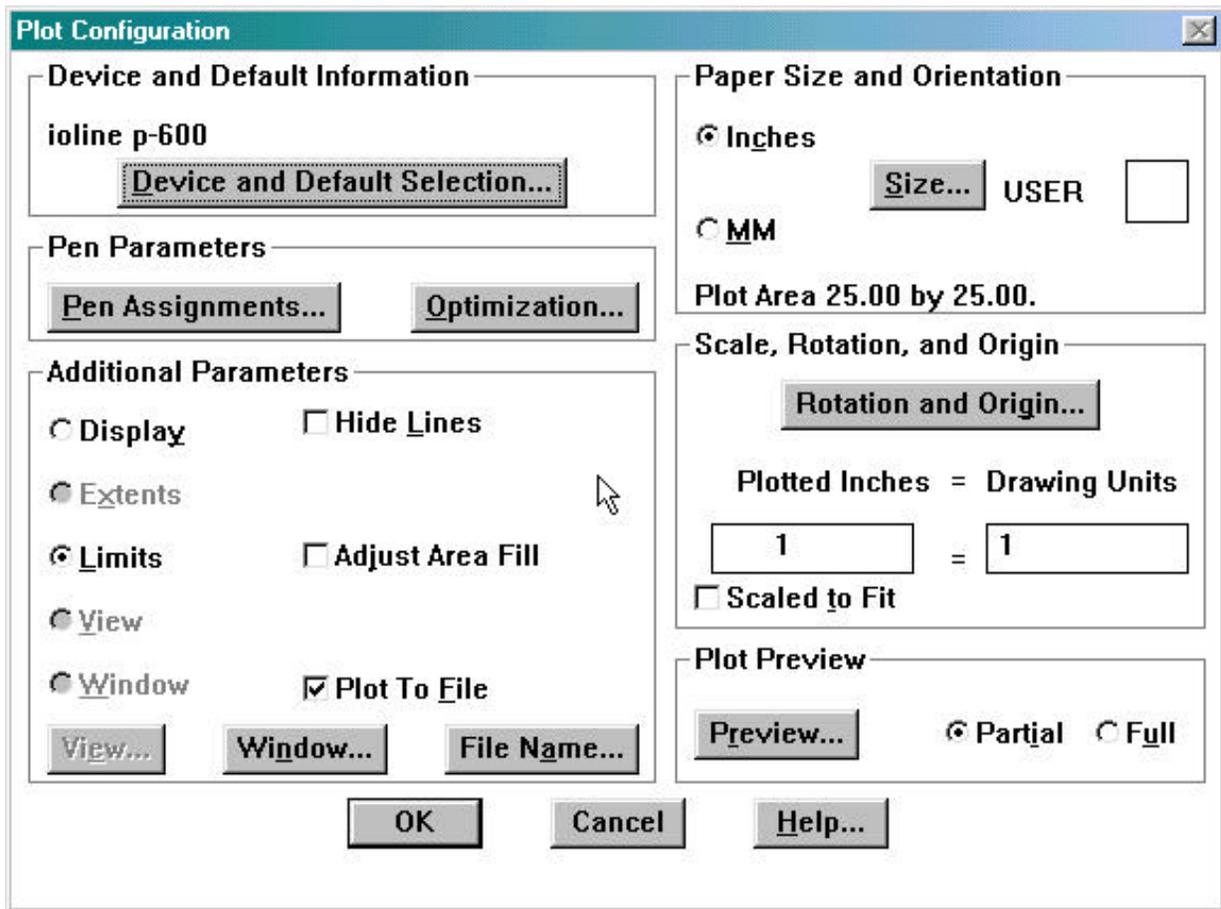


Fig. 2
Setting the scale for the plotter output.

1. Take the number (In Inches) of the long axis ("X") and multiply it by 1000
2. Take the number you get, and divide it by 65543
3. This number is what you add to the drawing units box. Make sure you type in at least 5 digits after the decimal. See example.

Example:

Your plot is 60" (Y) x 120" (X)
 $120 \times 1000 = 120,000$
 $120,000 / 65543 = 1.83085913064705613108951375432922$

Plotted inches = Drawing units
 1 = 1.83085