

Plotting with AutoCAD 2000

Tips for Apprentice Users

This document explains how to ensure that files created with AutoCAD 2000 print correctly from Apprentice and Repro Desk. It covers these key areas:

- Installing and configuring the appropriate driver
- Mapping virtual pens
- Setting the printable area of the paper

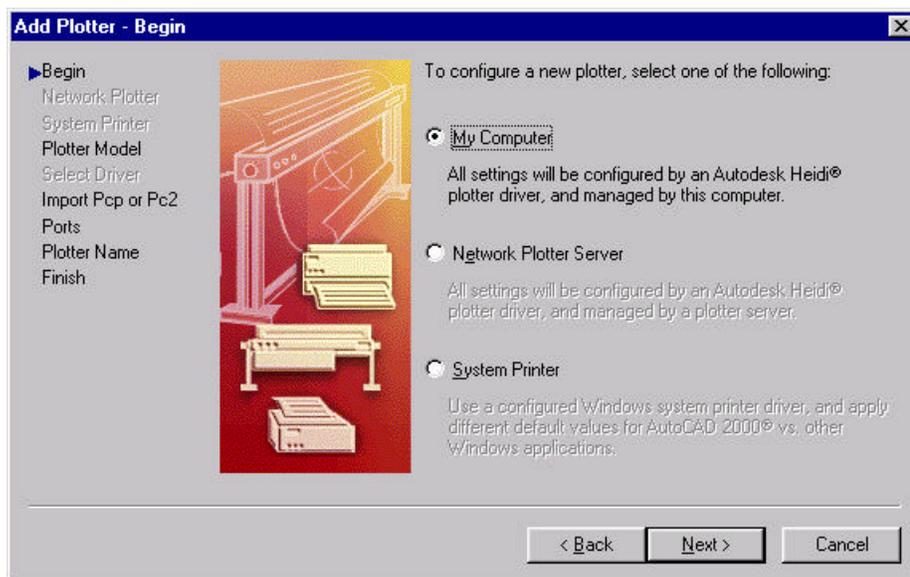
➤ Installing and Configuring the HPGL/2 Driver

We recommend using the Hewlett-Packard DesignJet 755CM C3198A driver with AutoCAD. Follow these steps if it is not already installed:

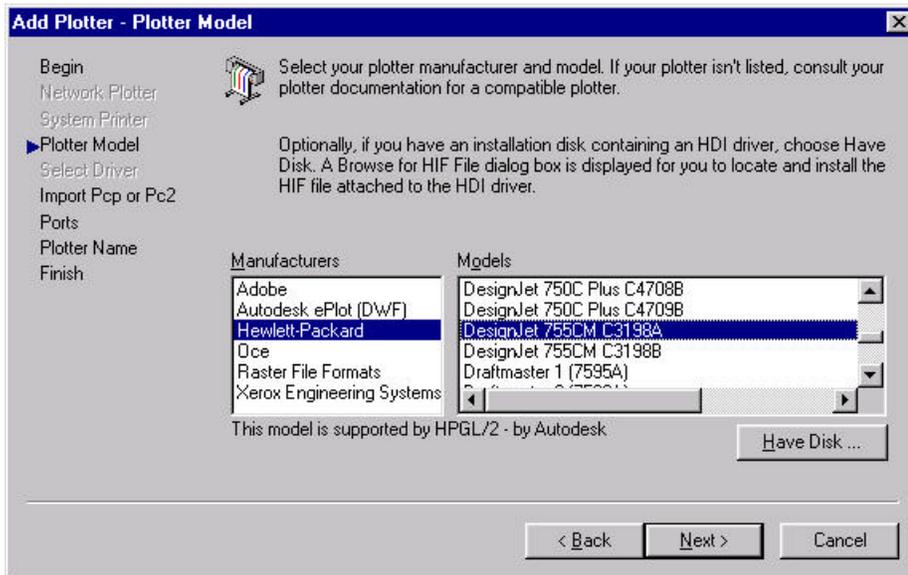
1. In the File menu, click **Plotter Manager**. The Plotters directory window appears:



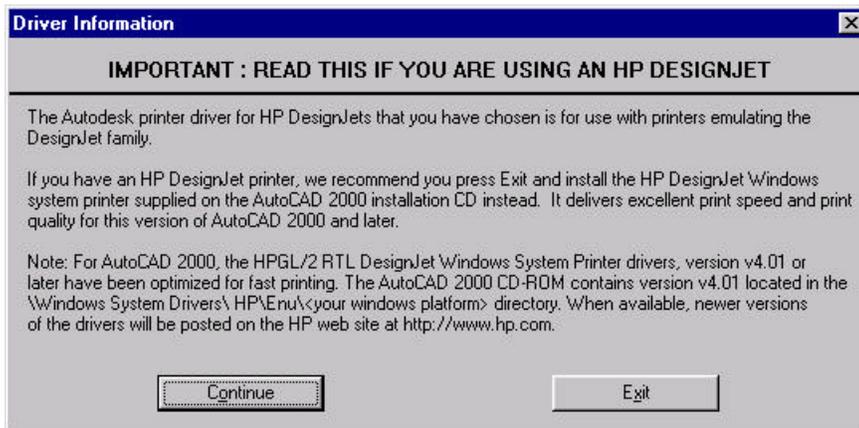
2. Double-click **Add a Plotter Wizard**. The Introduction Page appears.
3. Click **Next**. The Begin page appears:



4. Click **My Computer**, then click **Next**. The Plotter Model page appears:

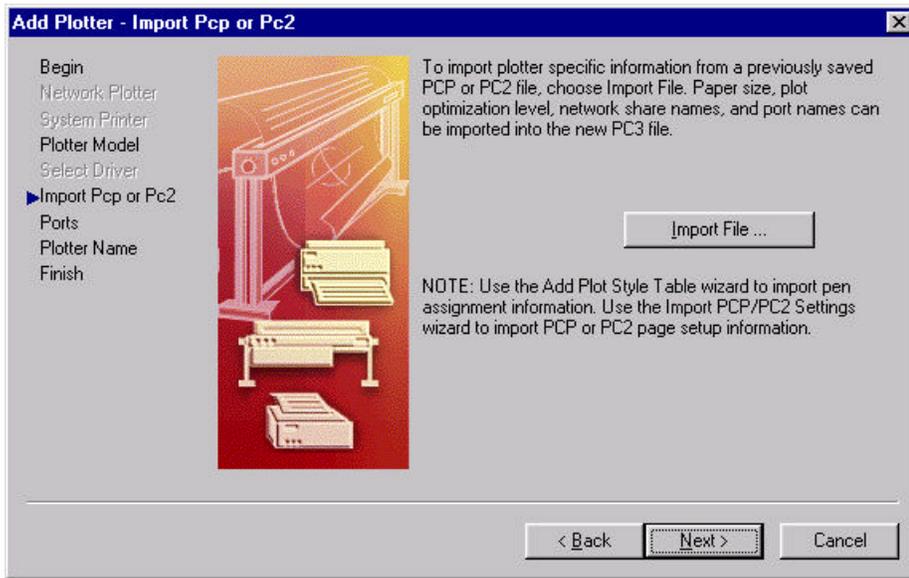


5. In the Manufacturers list, click **Hewlett-Packard**. In the Models list, click **DesignJet 755CM C3198A**.
6. Click **Next**. The Driver Information message appears:

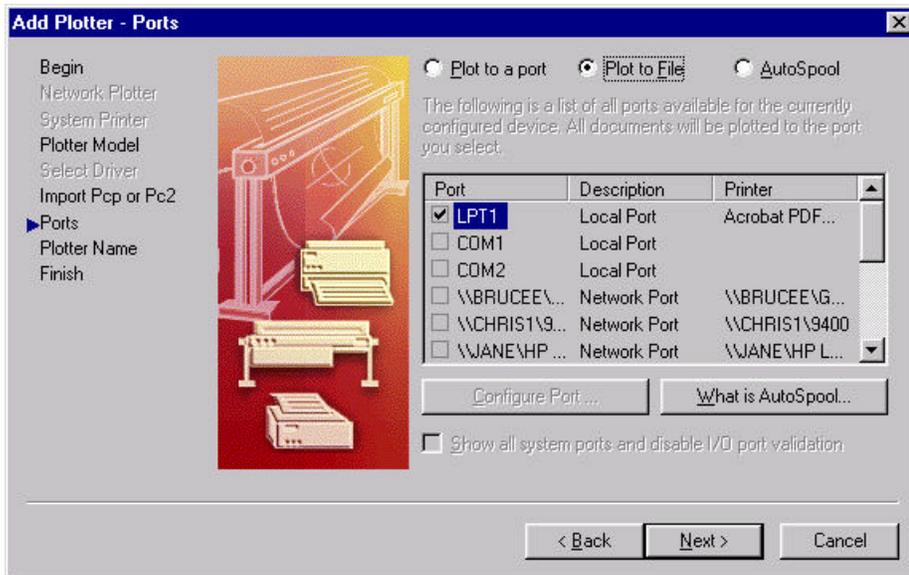


Note: Apprentice does not support the HPGL/2 RTL DesignJet Windows System Printer drivers described in this message. The drivers embed unrecognized commands into .plt files and cause Apprentice to process incorrectly.

- Click **Continue**. The Import Pcp or Pc2 page appears:

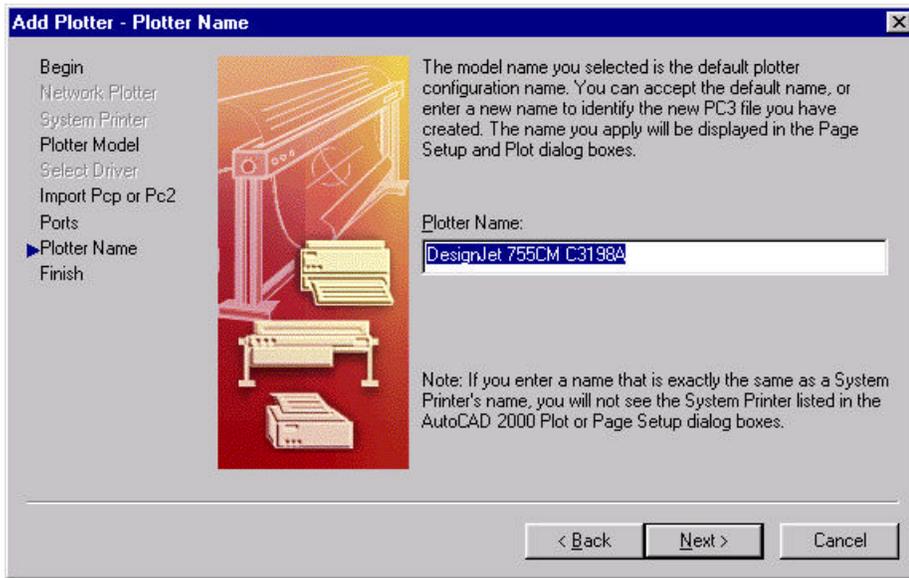


- Click **Next**. The Ports page appears:

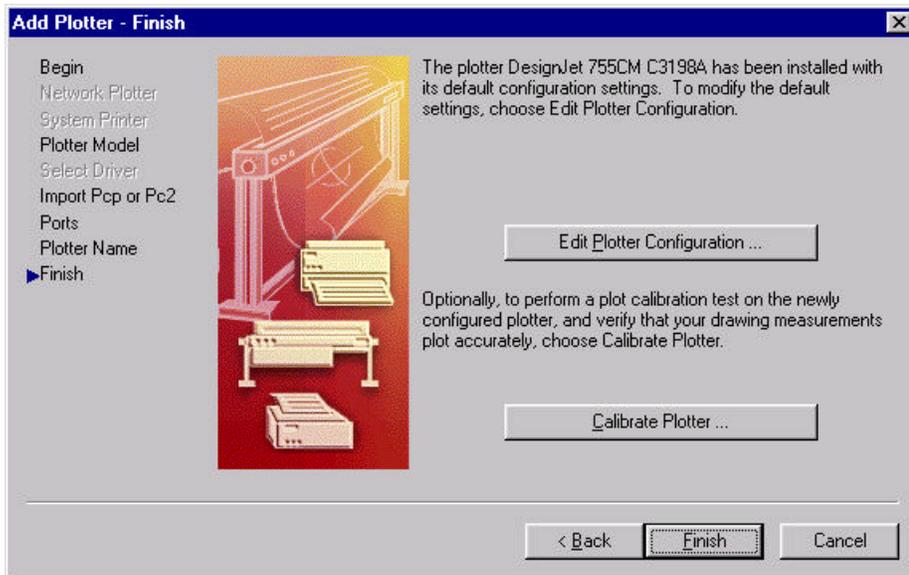


- Click **Plot to File**.

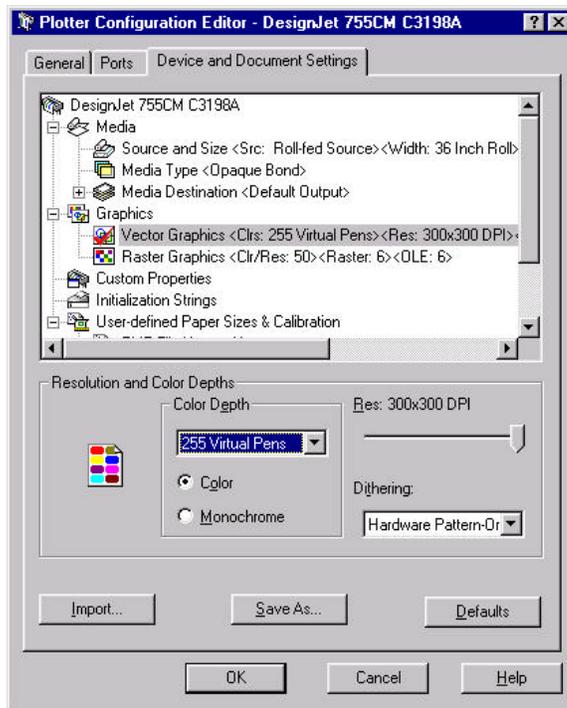
10. Click **Next**. The Plotter Name page appears:



11. Accept the default name for the plotter or type a new name, then click **Next**. The Finish page appears:



12. Click **Edit Plotter Configuration**. The Plotter Configuration Editor appears with the Device and Document Settings tab active.
13. Click the plus sign next to Graphics to expand the list.
14. Click **Vector Graphics**. The lower half of the dialog box displays resolution and color depth settings.



15. In the Color Depth section, select **255 Virtual Pens** from the list for both Color and Monochrome.
16. Click **OK**.

➤ Mapping Virtual Pens

If you have configured Apprentice to use the pen information embedded in the plot file and you don't need to change an AutoCAD-generated file in Apprentice, you can skip this section.

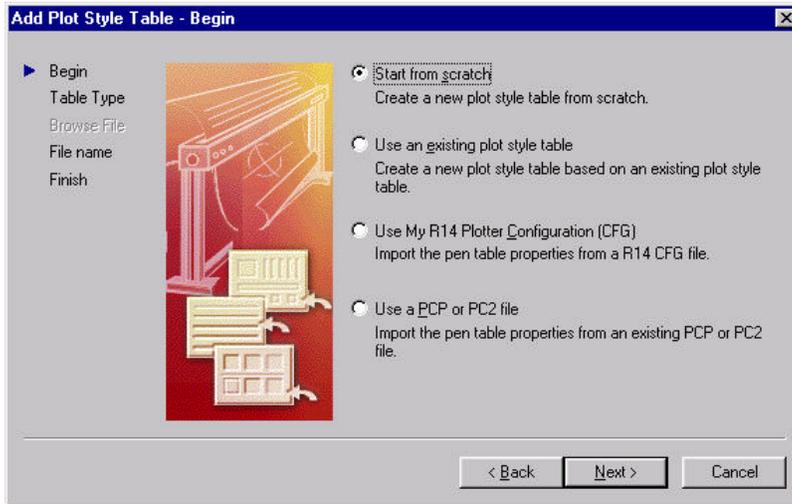
If you need to change line weights, colors or screening patterns after importing files into Apprentice, use the plot style named Default R14 Pen Assignments. It has the virtual pens mapped correctly. It should be available if you upgrade AutoCAD 14 with AutoCAD 2000 or if the plotter configuration files were migrated to the new format. Check for Default R14 Pen Assignments by opening your installation folder, usually Acad2000, then the Plot Styles subfolder.

If it is not available, you can obtain it two ways:

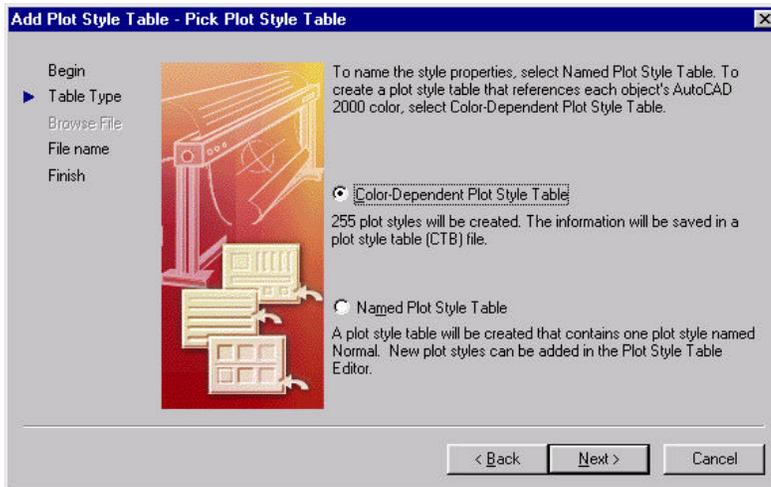
- Download it through your Internet browser.
 1. Go to www.apprentice.com/support.
 2. Click **Stuff**.
 3. In the free software section, click **Default R-14 pen assignments** and follow the instructions for downloading.

■ Create one with AutoCAD Plot Style Manager.

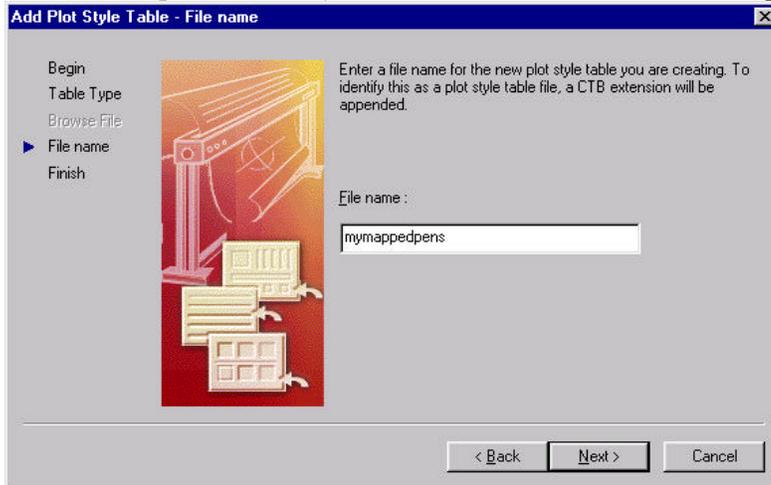
1. In the File menu, click **Plot Style Manager**. The Plot Styles directory window appears.
2. Double-click **Add-a-Plot Style Table Wizard**. An intro page appears.
3. Click **Next**. The Begin page appears:



4. Click **Start from Scratch**, then click **Next**. The Pick Plot Style page appears:



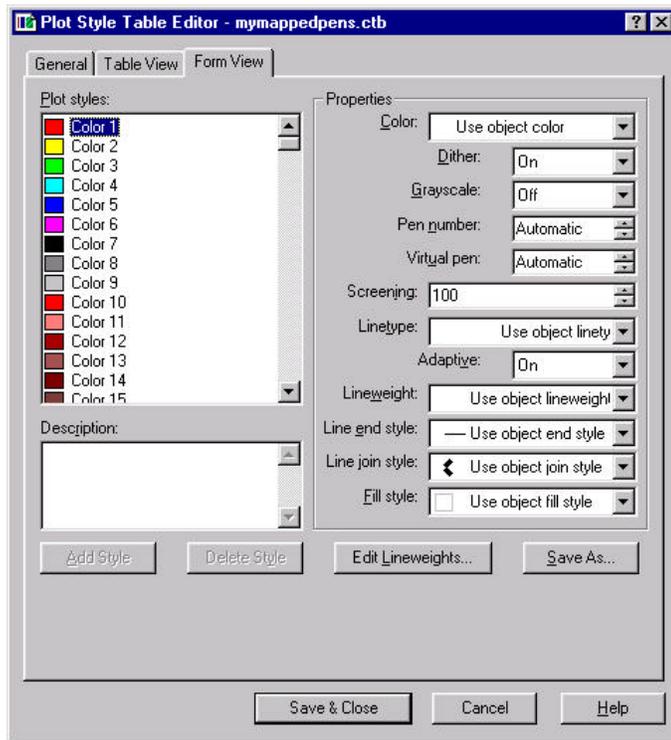
5. Click **Color Dependent Plot Style Table**, then click **Next**. The File Name page appears:



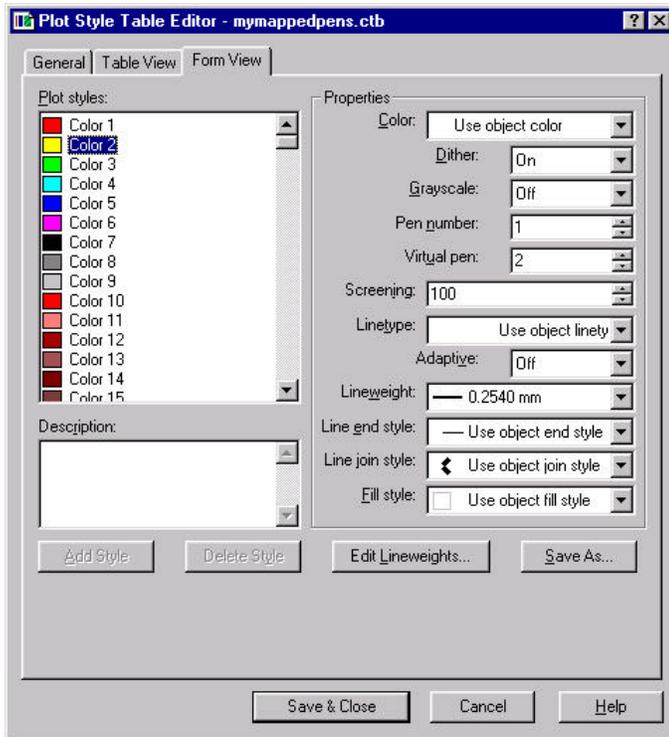
6. Type a name for the table and click **Next**. The Finish page appears:



7. Click **Plot Style Table Editor**. The Plot Style Table Editor appears:



8. Click the first item in the Plot styles list to select it. On the right
- Set Pen number to 1
 - Set Virtual pen number to match the selected item's color number
 - Set Adaptive to Off
 - Set Lineweight to 0.2540 mm
9. Repeat for each pen in the Plot styles list:



10. When you are finished, click **Save and Close**.

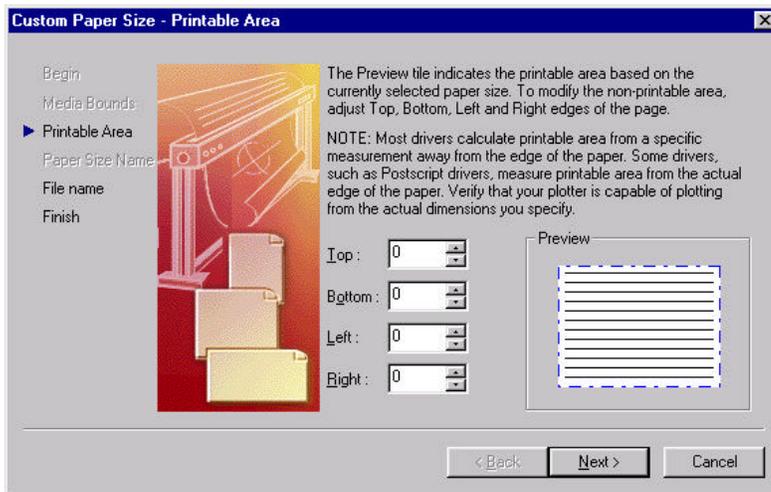
➤ **Setting the printable area of the paper**

1. In the File menu, click **Plotter Manager**. The Plotters directory window appears.
2. Double click the plotter you are using. The Plotter Configuration Editor dialog box appears. Go to Step 4.

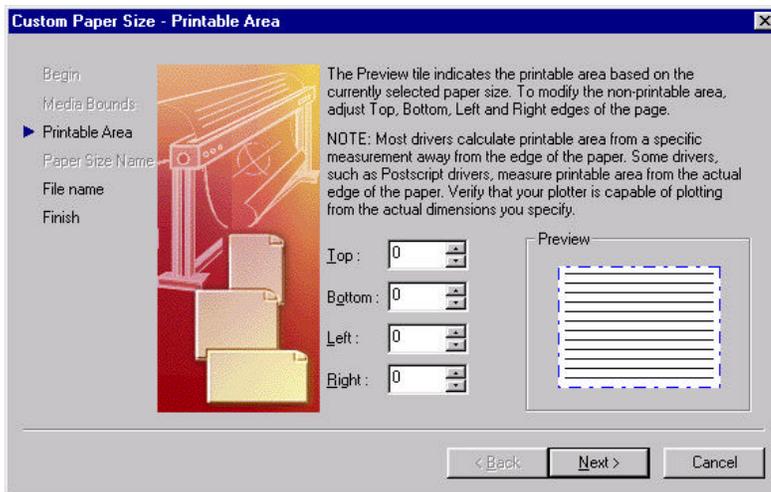
OR

1. In the toolbar, click **Plot**. The Plot dialog box appears.
2. In the Plotter configuration section, choose your plotter from the list, then click **Properties**.
3. The Plotter Configuration Editor dialog box appears.
4. Click the plus sign (+) next to User-defined Paper Sizes and Calibration to expand the list, then click **Modify Standard Paper Sizes (Printable Area)**. The list of available paper sizes, along with their margins and available printing area, displays in the lower half of the dialog box.

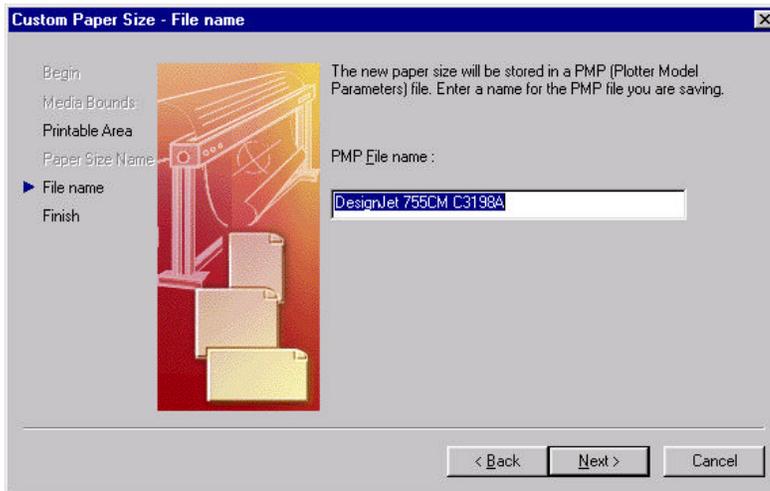
5. In the list, click a paper size to select it, then click **Modify**. The Custom Paper Size wizard Printable Area page appears:



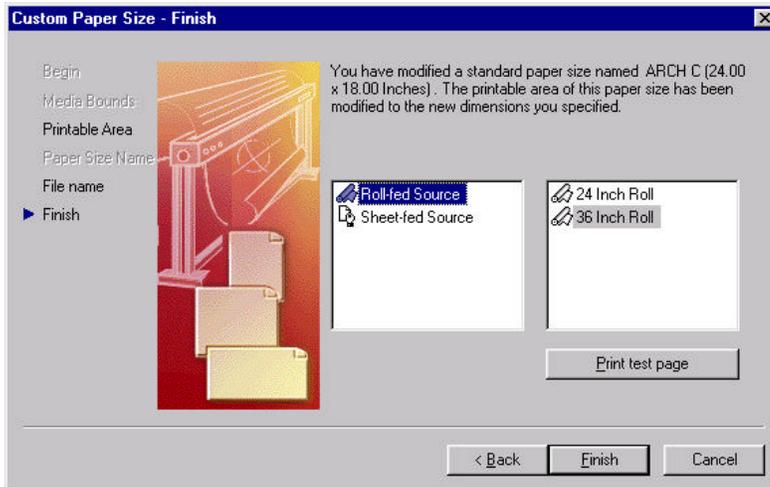
6. To print to the edge of the paper, set all margins to **0**.



7. Click **Next**. The File Name page appears:



8. Accept the default name or type a new one. Click **Next**. The Finish page appears:



9. Because you are printing to file, not paper, the source and roll do not matter. Click **Finish**. The PMP file is generated.
10. Repeat for each paper size you wish to modify.