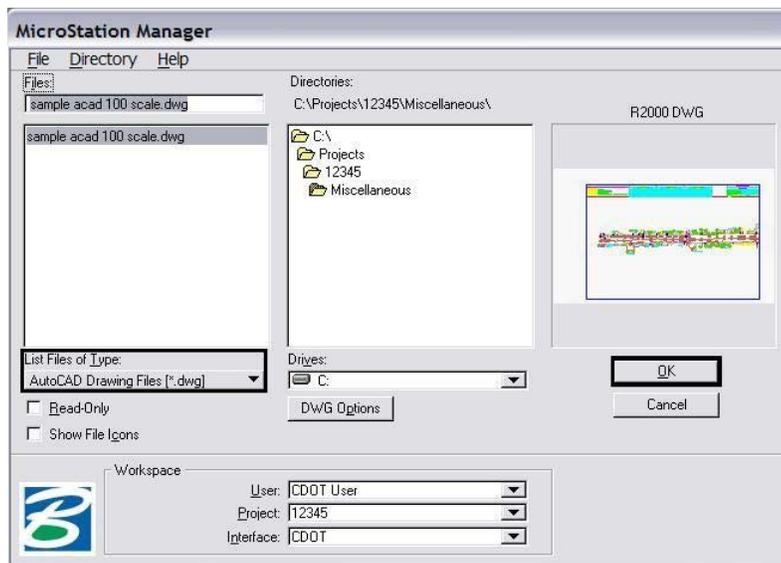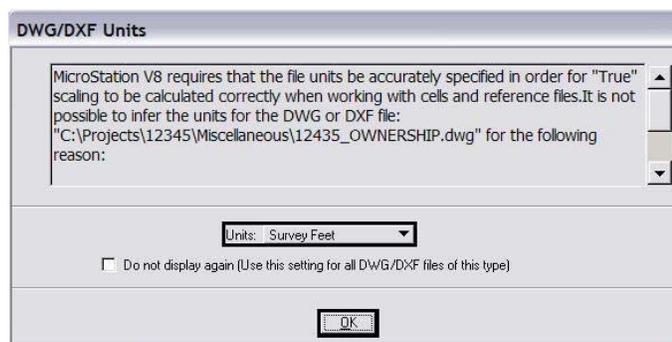# CDOT Printing AutoCAD Files in MicroStation

This document guides you through printing AutoCAD files in MicroStation.

Opening an AutoCAD file in MicroStation

1. From the **MicroStation Manager**, open an AutoCAD (*.dwg) drawing file. Change **List Files of Type** to **AutoCAD Drawing Files (*.dwg)** to view AutoCAD files. Select **OK**.
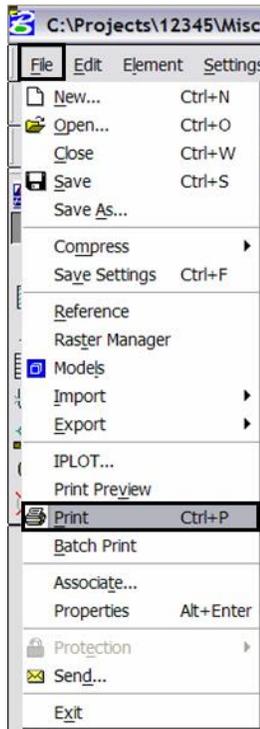

2. The **MicroStation DWG/DXF Units** dialog box will appear. Verify the **Units** are set to **Survey Feet** and select **OK**.

Note: If the AutoCAD drawing file contains the *WWWW* PICS linestyle then change this to the standard CDOT MicroStation Level called ***ROW_MONUMENT_City-Limit-Line-Text*** and update it to bylevel symbology.
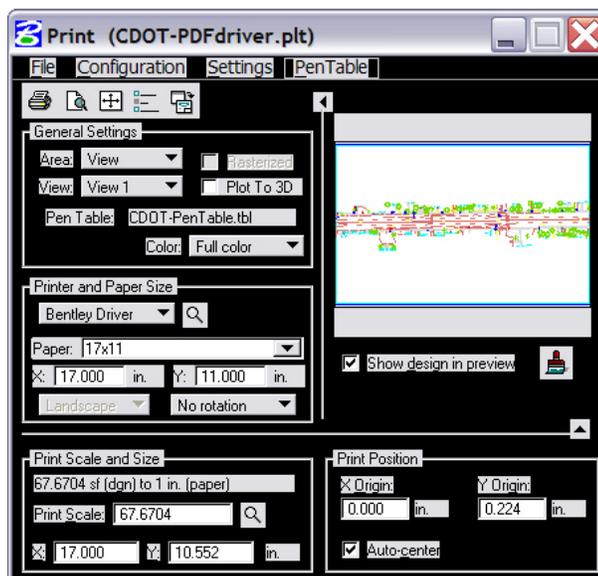
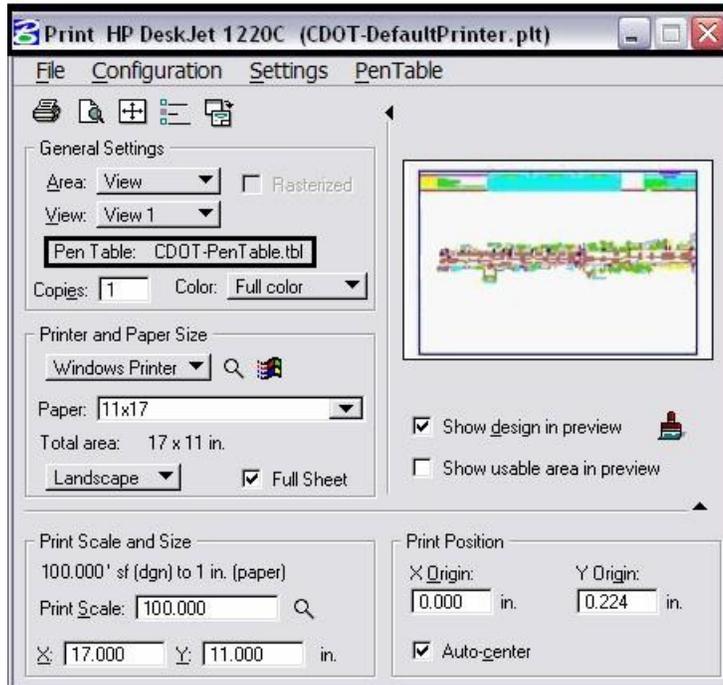3. Select **File > Print** to open the **Print** dialog box.

Or select the printer icon on the **Standard Tool Box**.

Note: If the print dialog box does not show up or is black when opened, close and reopen it. This will fix the problem.
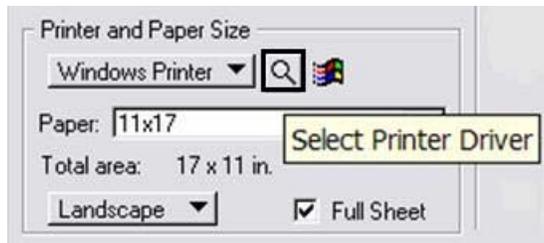
4. The current **Printer Driver** will display in the title bar at the top of the print dialog box and the current **Pen Table** is displayed under the General Settings area.
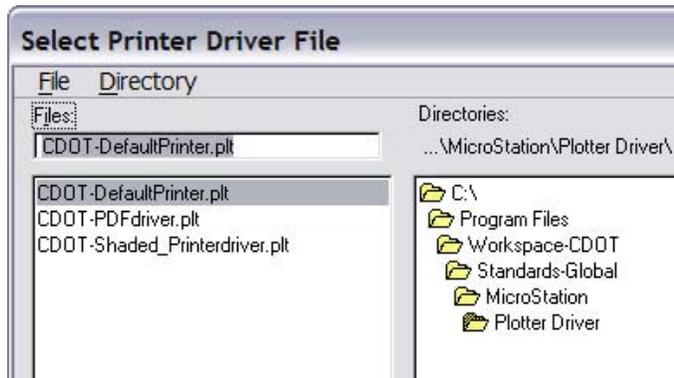

Note: If you are printing Sheet Layouts, Print Scale and Size will update automatically. If you are printing from a Model Layout set the scale as desired. For more information or additional printing questions, see the workflow, *CDOT MicroStation Printing*.
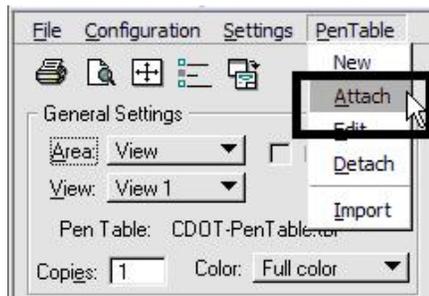
5. The default Printer Driver is **CDOT-DefaultPrinter.plt** and the default Pen Table is **CDOT-PenTable.tbl**. To change the **Printer Driver**, select the magnifying glass located under Printer and Paper Size.
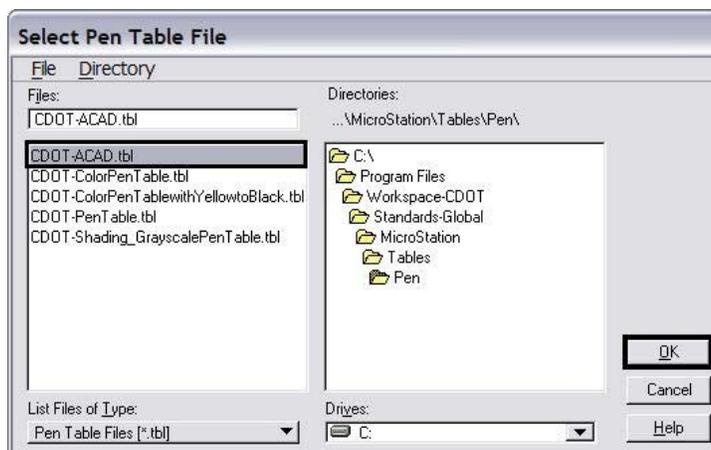
6. Three printer drivers are available. ***CDOT-PDFdriver.plt*** should be used for the creation of Adobe PDF files and ***CDOT-DefaultPrinter.plt*** should be used to send plots to the default printer. ***CDOT-Shaded_Printerdriver.plt*** is for printing MicroStation files only.

7. For printing AutoCAD files, change the **Pen Table**. Select **Pen Table > Attach** from the pull-down menu.

8. Select the ***CDOT_ACAD.tbl*** Pen Table. The other options are for printing MicroStation Files only. Select **OK**.

Note: The CDOT-ACAD.tbl includes the standard colors and pen weights represented in the CDOT Design Manual - Volume IV, Section 6.2.8. If the standard colors were not used, the printout will contain actual colors or a grey scale representation of that color. If this is the case, to get a correct print, the user must update the file to match the CDOT Design Manual

9. Once everything has been set, select the print ![printer icon] icon. This will send your plot to the designated printer.

10. If you selected the CDOT-PDFdriver.plt as the printer driver to create an Adobe PDF file, you will be prompted to define a file name and a location to save the PDF file.

Save Print As

File	Directory

Files:

12345PlanProfile.pdf