

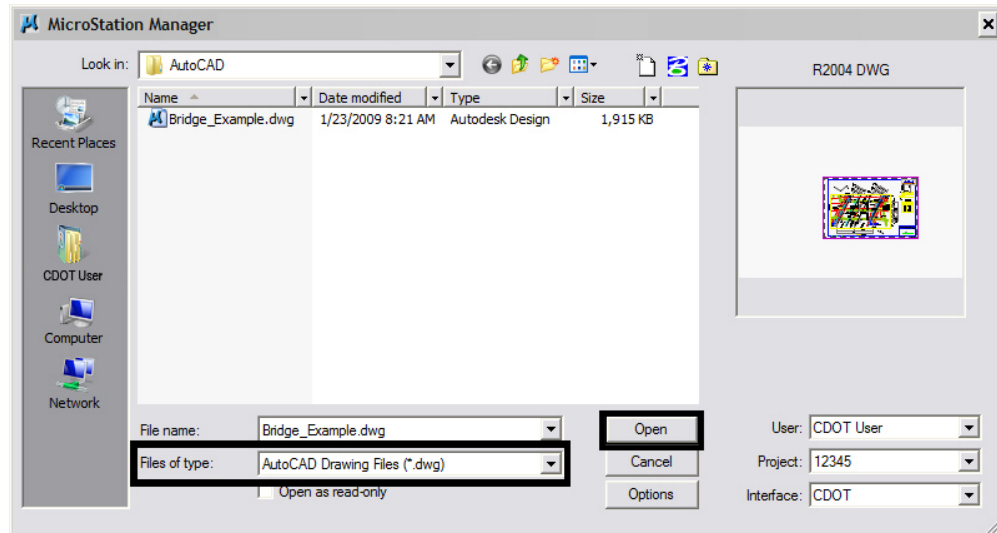
CDOT Printing AutoCAD Files in MicroStation



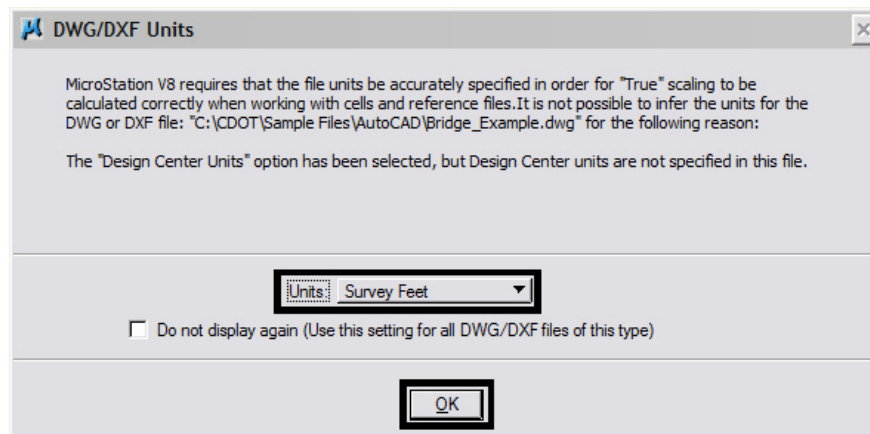
This document guides you through printing AutoCAD files in MicroStation.

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 all the AutoCAD files residing in the specified directory. Select a file and <D> **OK**.

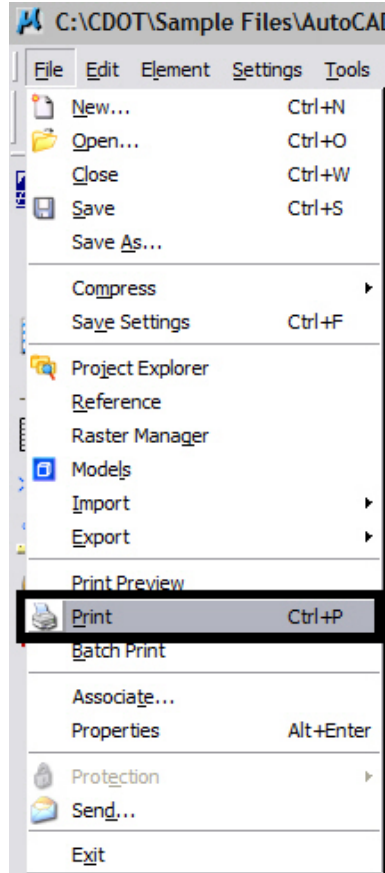


2. The **DWG/DXF Units** dialog box will appear. Verify the **Units** are set to **Survey Feet** and <D> **OK**.



Note: If the AutoCAD drawing file contains the **WWW** PICS linestyle then change these elements and place them on the standard CDOT MicroStation Level called **ROW_MONUMENT_City-Limit-Line-Text** and update to use bylevel symbology.

3. Select **File > Print** to open the **Print** dialog box.

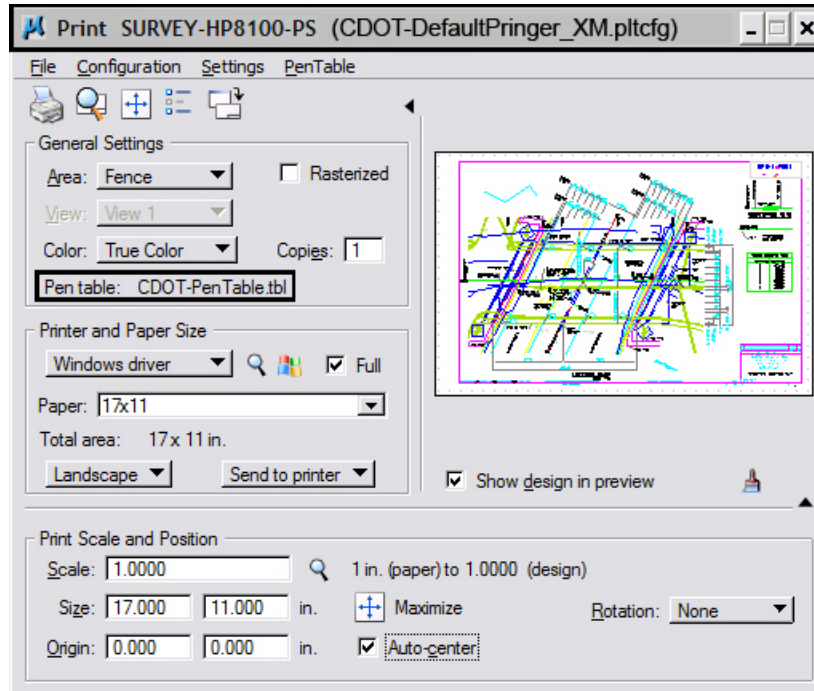


Optionally, <D> the printer icon on the **Standard Tool Bar**.



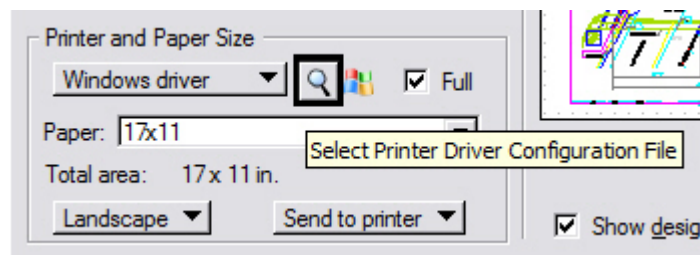
Note: If the print dialog box does not show up or is black when opened, close and reopen it. This will fix the problem.

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.

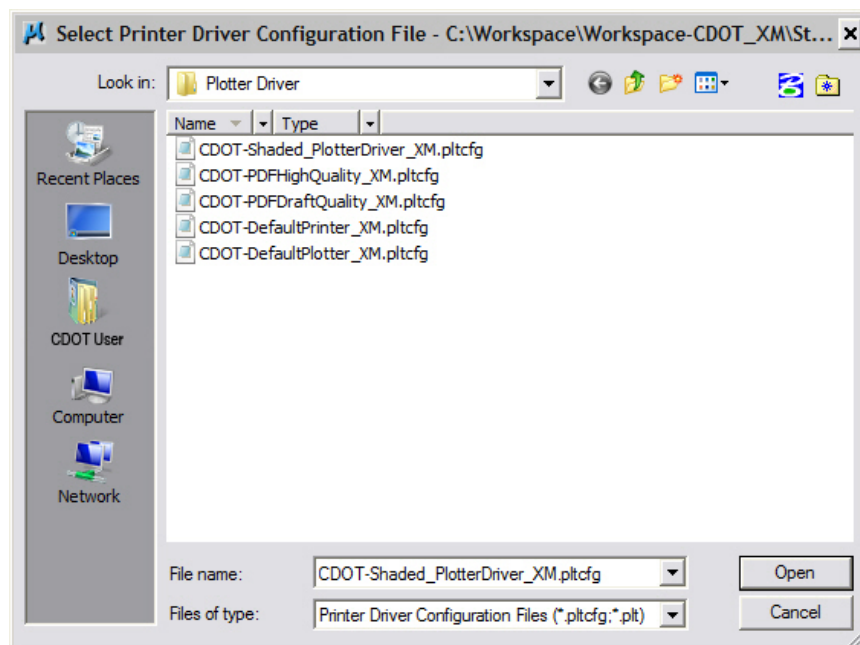


Note: If you are printing Sheet Layouts, *Print Scale and Size* settings will update automatically. If you are printing from a Model Layout set the scale as desired. For more information or additional printing questions, see the workflow document *CDOT MicroStation Printing*.

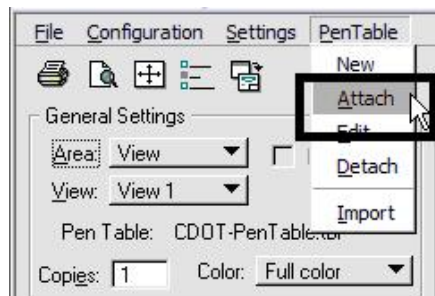
5. The default Printer Driver is *CDOT-DefaultPringer_XM.pltcfg* and the default Pen Table is *CDOT-PenTable.tbl*. To change the Printer Driver, <D> the magnifying glass located under Printer and Paper Size.



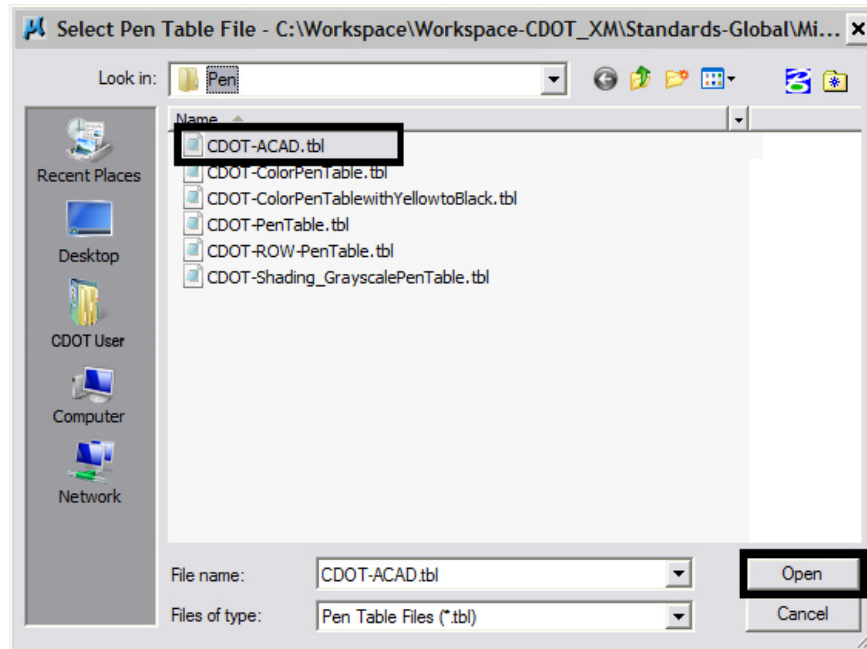
6. Five printer drivers are available in the ...**MicroStation****Plotter Driver** directory.
 - **CDOT-DefaultPrinter_XM.pltcfg** should be used to send plots to the default printer.
 - **CDOT-DefaultPlotter_XM.pltcfg** should be used to send plots to a CDOT plotter.
 - **CDOT-PDFDraftQuality_XM.pltcfg** should be used for the creation of draft quality (300psi) Adobe PDF files.
 - **CDOT-PDFHighQuality_XM.pltcfg** should be used for the creation of high quality (600psi) Adobe PDF files.
 - **CDOT-Shaded_PrinterDriver_XM.pltcfg** should be used for MicroStation drawings only.




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



8. Select the **CDOT_ACAD.tbl** Pen Table. The other options are for printing MicroStation Files only. <D> **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. To get a correct print out, the user must update the file to match the *CDOT Design Manual*.

9. Once everything has been set, <D> the print  icon. This will send your plot to the designated printer.
10. If you selected either the *CDOT-PDFDraftQuality_XM.pltcfg* or *CDOT-PDFHighQuality_XM.pltcfg* 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.

