Table of Contents

CHAPTER 10 : PRINTING

- 10.1 Introduction to Printing
- 10.2 Plot Drivers
- 10.3 Pen Tables
- 10.4 MicroStation Print Tool
- 10.5 Batch Plotting Old Method
- 10.6 Print Organizer Preferred Method

CHAPTER 10 - PRINTING

10.1 – <u>Introduction to Printing</u>

Printing changes, or enhancements, have been released with MicroStation V8i. These changes include: plot file migration from .plt to .pltcfg, Print Definition files, Print Organizer (replaces Batch Print), Print Dialog revisions, and more.

This chapter will discuss the printing files & procedures used for EFLHD projects as well as how EFLHD has incorporated the V8i printing changes.

10.2 – Plot Drivers

Plot Drivers have many properties that can be set. The main functions are to define features such as: default printer, default Pen Table, paper sizes (including defaults), weight maps, default line style patterns. There are new features within the V8i .pltcfg files, and existing .plt files are still supported. However, new drivers (.pltcfg) have been created for EFLHD use with V8i to improve printing performance.



Note that there are no longer specific drivers for print orientation (landscape or portrait). These are not needed as the software can automatically determine the orientation of a fence or plot shape/cell.

10.3 – Pen Tables

Pen tables are files that contain directions for re-symbolizing the printed output of design or sheet files. The updated V8i pen tables have created sections where there are input and output actions for specific selection criteria.

EFLHD uses three standard pen tables for MicroStation printing. Pen tables are automatically loaded with a specific plot driver. If settings of the same feature are different in both the print driver and pen table, the pen table will govern over the print driver. EFLHD uses the resymbolizing function for specific element shading or to disable the plot function of specific elements. Additionally, the Text Substitutions feature is used in the pen tables to print files specific information such as file name & path, date, and user. The three pen tables used at EFL are:

- HP5550_X30.tbl
- WIN7_HP5550_X30.tbl
- Color_WIN7_HP5550_X30.tbl

Pen Tables are located at: M:\Engineering_Software\Cadd_resource_v8i\Plotting\pen_tables\

At EFL there are several combinations of plot drivers and pen tables for 11x17, and for both color and black & white. Listed in the tables below are the plot drivers (**.pltcfg**), the pen tables (**.tbl**) that are automatically attached, and the output produced for each combination.

Plot Drivers are located at:

M:\Engineering_Software\Cadd_resource_v8i\Plotting\Plot_Driver\WIN7\

Plot Driver	Pen Table (Attached Automatically)
Description Adobe_PDF.pltcfg	WIN7 HP5550 X30.tbl
Adobe_PDF.plicig	WIN7_HF5550_X50.tbl
Orientation: Landscape or Portrait Output: Basic Adobe output in black and v on levels E_*. All other elements are plotte	x11(default) , ANSI C-22x17, ANSI D-34x22, ANSI E-44x34 white. Fades the P&P and XS sheet grid, and everything ad with color = black. Adds file name/date/time stamp at ed with single or multiple sheet printing methods.
Adobe_PDF_color.pltcfg	Color_WIN7_HP5550_X30.tbl
Orientation: Landscape or Portrait Output: Basic Adobe output in color . Plots	x11(default) , ANSI C-22x17, ANSI D-34x22, ANSI E-44x34 s all elements with color shown on screen except black
screen background changed to white backg edge of sheet border. Can be used with sir	ground in plot. Adds file name/date/time stamp at lower left
	ground in plot. Adds file name/date/time stamp at lower left
edge of sheet border. Can be used with sir HP5550_220_HD.pltcfg Printer/Location: 2 nd Floor (HP LaserJe Paper Sizes: 17x11, 8.5x11 (default) Orientation: Landscape or Portrait Output: Black & White, and GrayScale prin	around in plot. Adds file name/date/time stamp at lower left ngle or multiple sheet printing methods. WIN7_HP5550_X30.tbl t) - Located in Design its. Fades the P&P and XS sheet grid, and everything on <i>v</i> ith color = black. Adds file name/date/time stamp at lower
edge of sheet border. Can be used with sir HP5550_220_HD.pltcfg Printer/Location: 2 nd Floor (HP LaserJe Paper Sizes: 17x11, 8.5x11 (default) Orientation: Landscape or Portrait Output: Black & White, and GrayScale prin levels E_*. All other elements are plotted w	around in plot. Adds file name/date/time stamp at lower left ngle or multiple sheet printing methods. WIN7_HP5550_X30.tbl t) - Located in Design its. Fades the P&P and XS sheet grid, and everything on <i>v</i> ith color = black. Adds file name/date/time stamp at lower

10.4 – <u>Microstation Print Tool</u>

The MicroStation Print Dialog continues to be a common way to print single or multiple plan sheets. The typical practice is to place a fence including the area desired to be printed. In most cases, this is the plot shape within the EFLHD border sheets. Once the Print Dialog is invoked, the previous print session's driver is loaded. The user must browse for and select the desired driver. (The MicroStation workspace environment has been developed to automatically open the location for standard drivers.) All other plot parameters should then be verified and/or set in the print dialog, and then the print function is selected.

One of the common ways to ensure that a plot will be printed to scale and at the right format is to:

- 1. Place a fence at the corners of the D_Plot_Shape border of your design file.
- 2. Select the magnifier at **Printer and Paper Size** on the **Print** dialog box as shown in **yellow** for the list of print drivers. Select the right print driver (EFLHD print driver).
- 3. Select **Color** icon on the **Print** dialog as shown in Green and verify the selection, either Gray scale (for Cross section and Plan &Profile sheets), full color for colorful sheets or Monochrome for all black sheets.

Note : The Color icon should be set automatically with the selection of the driver, but you should always verify the setting.

Print (Adobe_PDF.pltcfg)	
<u>File S</u> ettings <u>P</u> enTable	
General Settings	_
Area: Fence 🔽 🗌 Rasterized	-
View: View 1 ↔	
Color: Monochrome Copies: 1	
Pen table: WIN7_HP5550_X30.tbl	
Printer and Paper Size Bentley driver	
Paper: ANSI B(11x17)	_
Usable area: 17 x 11 in.	
Landscape 💟 Create plot file 💟 🔽 Show <u>d</u> esign in preview 🔒	
Print Scale and Position	
<u>S</u> cale: 100.0000	
Si <u>z</u> e: 17.000 11.000 in. 🕂 Maximize <u>R</u> otation: None S	
<u>O</u> rigin: 0.000 0.000 in. ✓ Auto- <u>c</u> enter	

10.5 – Batch Plotting

The Batch Print utility is no longer included in the menus of MicroStation in version V8i. However, it does continue to be supported. The Batch Print dialog can be loaded via key-in "**mdl load batchplt**". Batch printing will allow users to plot files without having to open the file and place a fence around the data to get a plot. Batch printing is a MicroStation utility used to print and re-print sets of drawings. Job sets are created containing the desired drawing files and a set of print specifications are created for each job set. The print specifications are defined containing information such as printer, print area, layout, and display. This chapter will detail each of the necessary settings associated with Batch Printing.

- Select **Utilities > Key-In** from the main MicroStation pull-down menu.
- Key in **mdl load batchplt** and hit Enter.
- Once selected the **Batch Print** dialog box is activated. The top bar on this dialog will show the current Job Set. Shown below as [Untitled]. Once a new Job Set is created or an existing Job Set is opened the name will replace [untitled].

🔟 [untitled] - Batch Print			
<u>File E</u> dit Spe <u>ci</u> fications			
🛅 📂 😓 🍓 🗙	0 🖹 🚰 🖺		
Specifications Controlling Printing			
Printer: printer.plt			
Print Area: View 1			
Layout: Maximize Display: Not Rasterized			
# △ File	Model	Description	
1			

• To open an existing job set select **File > Open** and select the desired job.

Job Sets are lists of files to be printed, along with the associated print specifications used to print the files such as which printer, what area to print, what scale, which pen table, etc. Each job set created will have the extension, .job.

Step I

• Creating a New Job Set- The user must first select the design files to be added to the Job Set.

Select Edit > Add Files...

[2] [u	ntitled] - Batch Print			
File	Edit Specifications			
4 A	Add Files			
	Add Active File			
Speci Printe	<u>R</u> emove Files			
Print	Edit Model Name or Descr	iption		
Layo Displ				
# 4	Move Files to Top		Model Description	
<u> </u>	Move Files <u>U</u> p	Ctrl+U		
	Move Files <u>D</u> own	Ctrl+D		
	Move Files to <u>B</u> ottom			
			-	
1				

• The user may also alternatively select the Add Design Files icon, as shown below.

😰 [untitled] - Batch Print		- 🗆 🛛
<u>File E</u> dit Spe <u>c</u> ification		
Carlos Controlling Newton	? E	
Printer: printer.plt		
Print Area: View 1		
Layout: Maximize		
Display: Not Rasterized		
# △ File	Model	Description
	·	· · · ·
]		

Select Design Files to Add - C:\SPENCER_MISC\CADD_COORD\test\CADD\					
Look jn:	CADD		💌 G 🌶 📂 🖽	• 🔮 🖹	2D - V8 DGN
My Recent Documents Desktop	GEOPAK Misc projdbs rojdbs std-Det Std-Det O1-EFLHD_bdr O1-NC 2011-1(O1-NC 2011-1(.dgn 1)_des.dgn 1)_dxs.dgn 1)_dxs_Site1.dgn	A03-NC 2011-1(1)_loc.dgn B-NC 2011-1(1)_typ.dgn C-NC 2011-1(1)_pty.dgn D-NC 2011-1(1)_p&p.dgn M1-NC 2011-1(1)_p&s.dgn Sur_ft2D.dgn test.dgn Work Profile.dgn		
My Documents	File name:	1)_sym.dgn 1)_wrk.dgn 1)_wrk_PIPES.dgn 1(1)_ttl.dgn	~	Done	
My Network	Files of type:	MicroStation DGN		Cancel Options <u>A</u> dd Remove	
					.:

• Once selected the Select Design Files to Add dialog box will activate as shown below.

- Select the desired directory from the upper right Directories box. Once you have navigated to the correct directory, select the desired files from the upper left Files box. You may select multiple files by using the control or shift keys while selecting.
- After selecting the desired files, the <u>Add</u> button will be active. Select the <u>Add</u> button and the selected files will be populated in the selected files box at the bottom of the above dialog box.
- Once complete, select the done button. The Batch Print dialog box will display as shown below.

🖓 [untitled] - Batch Print		
<u>File E</u> dit Spe <u>ci</u> fications		
🛅 📂 🖯 🍓 🍇 🗡 🔟 🖡) 5' E	
Specifications Controlling Printing		
Printer: printer.plt		
Print Area: View 1		
Layout: Maximize		
Display: Not Rasterized		
# △ File	Model	Description 🔼
1 C:\S\01-NC 2011-1(1)_des.dgn	US_Sur_ft2D	US Customary (Survey foot) 2 dimen
2 C:\S\01-NC 2011-1(1)_sym.dgn	US_Sur_ft2D	US Customary (Survey foot) 2 dimen
3 C:\\A01-NC 2011-1(1)_ttl.dgn	US_Sur2D	US Customary (Survey foot) 2 dimen
4 C:\SP\B-NC 2011-1(1)_typ.dgn	US_Sur_ft2D	US Customary (Survey foot) 2 dimen 🧧
5 C:\SP\B-NC 2011-1(1)_typ.dgn	B1	
6 C:\SP\D-NC 2011-1(1)_p&p.dgn	D01	US Customary (Survey foot) 2 dimen
7 C:\SP\D-NC 2011-1(1)_p&p.dgn	D02	US Customary (Survey foot) 2 dimen
8 C:\SP\D-NC 2011-1(1)_p&p.dgn	D03	US Customary (Survey foot) 2 dimen
9 C:\SP\D-NC 2011-1(1)_p&p.dgn	D04	US Customary (Survey foot) 2 dimen
10 C:\SP\D-NC 2011-1(1)_p&p.dgn	D05	US Customary (Survey foot) 2 dimen 🔜
		M
<		>

Step II

- Now set the plot specifications (Plot specifications tell MicroStation how to plot the selected files).
- Select Specifications > Manage, or select the Manage Specification icon, as shown below.

🔁 [untitled] - Batch Print		
<u>File Edit</u> Spe <u>ci</u> fications	~	
눱 📂 🖯 🍓 🖬 🗙 🔟 🕯		
Specifications Controlling Printing		
Printer: printer.plt		
Print Area: View 1		
Layout: Maximize		
Display: Not Rasterized		
_# △ File	Model	Description
1 C:\S\01-NC 2011-1(1)_des.dgn	US_Sur_ft2D	US Customary (Survey foot) 2 dimen
2 C:\S\01-NC 2011-1(1)_sym.dgn	US_Sur_ft2D	US Customary (Survey foot) 2 dimen
3 C:\VA01-NC 2011-1(1)_ttl.dgn	US_Sur2D	US Customary (Survey foot) 2 dimen
4 C:\SP\B-NC 2011-1(1)_typ.dgn	US_Sur_ft2D	US Customary (Survey foot) 2 dimen 📃
5 C:\SP\B-NC 2011-1(1)_typ.dgn	B1	
6 C:\SP\D-NC 2011-1(1) p&p.dan	D01	US Customary (Survey foot) 2 dimen
7 C:\SP\D-NC 2011-1(1)_p&p.dgn	D02	US Customary (Survey foot) 2 dimen
8 C:\SP\D-NC 2011-1(1)_p&p.dgn	D03	US Customary (Survey foot) 2 dimen
9 C:\SP\D-NC 2011-1(1) p&p.dqn	D04	US Customary (Survey foot) 2 dimen
10 C:\SP\D-NC 2011-1(1) p&p.dgn	D05	US Customary (Survey foot) 2 dimen
<		>

• Once selected the Batch Print **Specification Manager** dialog box will activate.

🔛 Batch Print Sp	ecification Manager	
Types Printer Print Area Layout Display	Specifications hpglrtl.plt, ANSI A pdf.plt, ANSI A pdf.plt, ANSI B printer.plt pscript.plt, ANSI A	Properties Rename New Copy Delete

• Select **Printer** Type and highlight **Default** Specification. Begin by renaming the default printer to be a more descriptive name. Select <u>Rename</u> from the dialog box shown above, the **Rename Printer Specification** dialog box will activate. Give a descriptive name, shown as 8150DNCA below, and select **OK**.

Rename Print	er Specificat	ion	
Name 8150D	NCA		
(<u>0</u> K	Cancel	

• Once renamed, highlight the printer on the left and the newly renamed **8150DNCA** on the right, and select **Properties**.

t Specification Manager	
Specifications	
8150DNVA	Proper <u>t</u> ies
HP-GL/2, D-size, Landscape	<u>R</u> ename
PDF, E-size, Single output file PostScript, Color, Landscape	<u>N</u> ew
	<u>С</u> ору
	<u>D</u> elete
	Specifications 8150DNVA HP DesignJet, E-size, Landscape HP-GL/2, D-size, Landscape PDF, E-size, Single output file

Note: In most cases the EFLHD user will want to select one of the plot driver files found in the M:\Engineering_Software\Cadd_resource_v8i\Plotting\Plot_Driver\WIN7 directory in order to achieve special plotting effects such as shading contours or P&P sheet grids.

• Once **Properties** is selected, the following dialog box will activate allowing the user to select the desired printer driver. Click the **Driver** button on the Properties dialog and select the printer driver (see **Section 10.2**) and choose **OK**.

8150DNCA Properties	
Printer Driver: C:\Bentleyv8\Workspace\system\plotc Driver Printer: System Printer	<u>Q</u> K Cancel

• Select **Print Area** Type and highlight **Default** Specification on the Specification Manager dialog and rename the **Print Area** specification to be more descriptive, shown below as **EFLHD**.

😤 Bato	h Print Sp	ecification Manager		
Types Printer Print Area Layout Display		Specifications EFLHD Sample Plot Cell (user should customize) Sample Plot Shape (user should customize) Sample Saved View (user should customize) Sheet	Proper <u>t</u> ies <u>R</u> ename <u>N</u> ew <u>C</u> opy <u>D</u> elete	
	Rename Name	Print Area Specification EFLHD <u>D</u> K Cancel		

• Select **EFLHD** Specification of **Print Area** and click on **Properties** button. The EFLHD Properties dialog box will appear as shown below.

EFLHD Properties	
Reference View	<u>Q</u> K Cancel
Print Boundary <u>M</u> ethod: <u>Shape</u> ▼ ▼ Level: D_Plot_shape ▼ ■ <u>C</u> olor: □ ■ <u>Style:</u> □ ■ <u>W</u> eight: □	Search Files ✓ <u>M</u> aster File ✓ <u>R</u> eferences
Process Multiple Boundary Elements	

Note - This step will be to set the desired print area. Using the EFLHD standard sheet border cells will ensure that a plot shape will be available to define the area to be plotted for each sheet. Included with each border is a plot shape on level **D_Plot_Shape** that has been created as a construction element so it will not plot unless desired. The print area properties dialog, shown above, allows the user to select the attributes of the plot shape and to look for the plot shape in the master file, reference files, or both. If any of the design files to be plotted has more than one sheet then check the <u>P</u>rocess Multiple Boundary Elements box at the bottom of the properties dialog

• Select the attributes of the plot shape as shown above and click **OK**. When selecting the References check box the box below becomes active to allow the user to select certain reference files by logical or file name. If this box is left empty all of the reference files will be searched.

Note - The level of the plot shape must be typed in. The drop-down box will only include the levels in the master file, as the list could get quite long.

• From the Batch Print Specification Manager dialog box select Layout.

名 Batch Print Sp		
Types Printer Print Area Layout Display	Specifications 1" = 1 master unit 1/4" = 1 master unit Default	Properties <u>R</u> ename <u>N</u> ew <u>C</u> opy <u>D</u> elete

• Select **Default** from the right hand box and then select **Properties**. For layout, the name (default) may be renamed if desired however there may be little need to change these specifications so default may be fine.

Default Properties	
Print Size/Scale Method Maximize	<u>O</u> K Cancel
Print Origin Meth <u>o</u> d: <u>Center</u>	
Units: _in	

- Select Maximize, Center, and the correct units and select **OK**.
- From the Batch Print Specification Manager dialog box select Display.

名 Batch Print Sp		
Types Printer Print Area Layout Display	Specifications No Fast, No Constructions, No Text Nodes	Proper <u>t</u> ies <u>R</u> ename <u>N</u> ew <u>C</u> opy

• Select New to create a new set of specifications. Input a new name and click **OK**.

New Display Specification Name				
Name EFLHD				
<u> </u>	Cancel			

• Select the new name from the right hand box and then select Properties.

Not Rasterized Properties						
Print Attributes						
Constructions:	Off 💌	Line Styles:	As-is 💌			
Data Fields:	As-is 🔽	Line Weights:	On 🔽	Cancel		
Dimensions:	As-is 💉 🗸	Patterns:	As-is 💌			
Displayset:	As-is 🛛 🗸	Print Border:	Off 🛛 💌			
Fast Cells:	As-is 🔽 🗸	Tags:	As-is 💌			
Fast Curves:	As-is 🛛 🗸	Text:	As-is 💌			
Fence Boundary:	As-is 🔽 🗸	Text Nodes:	As-is 🔽			
Fill:	As-is 🔽	Transparency:	As-is 🔽			
Level Symbology:	As-is 🔽	Broken Association Symb:	As-is 💌			
Print Points:	As-is 🔽	Render View BG Color:	As-is 💌			
Apply Raster Color Mode:	As-is 🔽					
				J		
Pen Table				1		
Filename: source_v8i\Plo	tting\pen_ta	ables\WIN7_HP5550_X30.tbl	Browse			
				J		
Additional Options				1		
Color mode: As-is						
Plot to 3D: 🛛 As-is 💌	Plot to 3D: As-is 😪					

- The display dialog is similar to the view attributes dialog box, but is specific to printing. In V8i you have the ability to plot with attributes different than the current view. From this dialog box you also have the ability to specify a pen table.
- From the example above we have turned Constructions, and Print Border Off. This allows us to use these features during our work but not to plot them.
- Select the desired attributes and select OK.
- Close the Batch Print Specification Manager by selecting the X in the upper right corner.
- Once the files have been added and the specifications set, select File > Save. This will save all of the settings in a Job Set file with a .job extension. Job Set files may be stored in your M:\...\Plots\Adobe directory. There is no standard or default directory where batch print looks for these files.

Step III – Printing

- If reprinting a previously saved Batch Print Job Set use File > Open in the main Batch Print dialog pull down menus to select the .job file for that Job Set. This will populate the dialog with the files to be printed and the associated print specifications. If continuing directly from Workflow 2 above (Creating a New Job Set) then skip this step.
- From the Batch Print dialog, shown below, select the printer icon.

💯 [untitled] - Batch Print		
<u>Fi</u> le <u>E</u> dit <u>Specifications</u>		
Specifications Controlling Printing		
Printer: 8150DNCA		
Print Area: View 1		
Layout: Maximize		
Display: Not Rasterized		
# ∠ File	Model	Description 🔼
1 C:\S\01-NC 2011-1(1)_des.dgn	US_Sur_ft2D	US Customary (Survey foot) 2 dimen
2 C:\S\01-NC 2011-1(1)_sym.dgn	US_Sur_ft2D	US Customary (Survey foot) 2 dimen
3 C:\\A01-NC 2011-1(1)_ttl.dgn	US_Sur2D	US Customary (Survey foot) 2 dimen
4 C:\SP\B-NC 2011-1(1)_typ.dgn	US_Sur_ft2D	US Customary (Survey foot) 2 dimen 📃
5 C:\SP\B-NC 2011-1(1)_typ.dgn	B1	
6 C:\SP\D-NC 2011-1(1)_p&p.dgn	D01	US Customary (Survey foot) 2 dimen
7 C:\SP\D-NC 2011-1(1)_p&p.dgn	D02	US Customary (Survey foot) 2 dimen
8 C:\SP\D-NC 2011-1(1)_p&p.dgn	D03	US Customary (Survey foot) 2 dimen
9 C:\SP\D-NC 2011-1(1)_p&p.dgn	D04	US Customary (Survey foot) 2 dimen
10 C:\SP\D-NC 2011-1(1)_p&p.dgn	D05	US Customary (Survey foot) 2 dimen 🗸
<		

• The Print Batch dialog will activate.

Print Batch	
Print Range	
Log File Filename: MS_PLTFILES:batchplt.log	Browse
✓ <u>Clear Log File Before Printing</u>	
Document Set Single File Output	Browse
<u> </u>	

- From this dialog box the user can select a print range, and log file.
- Select **OK** and the files will be sent to the printer. A status bar will be displayed during the process, as shown below.

Processing plot-sheet2.dgn (File 2 of 8). <reset> to stop.</reset>	
12%	

10.6 – <u>Print Organizer</u>

Print Organizer is a new utility in V8i that is used for creating, managing, and publishing project plan sheets. This new utility replaces the Batch Print utility used in MicroStation V8.

All standard border cells (sheets) have a sheet boundary indicated by the dotted line surrounding the actual border. This sheet boundary is on the D_Plot_Shape level in MicroStation. This represents the paper limits. The **dotted line** is a guide to place fences for single sheet printing and it is read by the Print Organizer tool when batch printing. The fence or plot shape defines the area to be plotted.

10.6.1 - Preparation

DO NOT RENAME the border .dgn file when copying it to your project folder.

Print Organizer searches for **01-EFLHD_bdr.dgn** and/or **01-EFLHD_bdr-nps.dgn** in reference files and the active .dgn, by name, when assembling the batch.

A properly defined plot shape must be found in the drawing(s) to define the area(s) to be batch plotted. The element **attributes** of the plot shape are:

- Level = D_Plot_Shape
- Color = 3
- Line Style = 2
- Line Weight = 1

A Print Set file (Roadway_Print_default.pset) has been created for you with named expressions for each sheet number descriptor (A_Shts, B_Shts, C_Shts, etc).

Copy the Roadway_Print_default.pset file from M:\Engineering_Software\Cadd_resource_v8i\Plotting\Print_Organizer to your project folder.

This is where you will access the file from.

10.6.2 - Batch Printing

As noted earlier, **plot shapes must be in place in all drawings, in all areas to be printed using the batch plotting routine.**

Chapter 10 – EFLHD CADD Procedures Guide – MicroStation V8i Edition Printing File Edit Element Settings Tools Utilities To begin batch printing go to File > Print Organizer W <u>N</u>ew... Ctrl+N Open... Ctrl+O Close C' +W Print Preview Ctrl+P <u>Print</u> Print Organizer Associate... Properties Alt+Enter Protection Þ Sen<u>d</u>... Open the Roadway_Print_default.pset file; 🔁 Untitled.pset - Print Organizer - 🗆 🛛 Edit <u>V</u>iew <u>T</u>ools Eile | 🍓 🗣 | 📂 强 🗙 🐨 | 🥆 🔺 🖌 🗹 🔝 - | 🗊 Untitled View Name File Name Model Open

Navigate to the .pset file saved to your project folder.

You will see the following;

Chapter 10 – Printing

Roadway_Print_default.pset Eile Edit View Iools	- Print Organizer		
	à×☞ ㅈ^ヾ⊻ ☶・ ▣		
 Roadway_Print_default A_Shts B_Shts C_Shts D_Shts E_Shts F_Shts G_Shts H_Shts K_Shts N_Shts P_Shts S_Shts S_Shts U_Shts V_Shts V_Shts Y_Shts Y_Shts Y_Shts Z_Shts 	Name File Name A_Shts B_Shts C_Shts D_Shts E_Shts F_Shts G_Shts H_Shts K_Shts M_Shts N_Shts S_Shts P_Shts S_Shts U_Shts S_Shts V_Shts Y_Shts V_Shts Y_Shts Y_Shts Z_Shts Y_Shts Z_Shts	Model	View
		DQ2-8150 21 items	

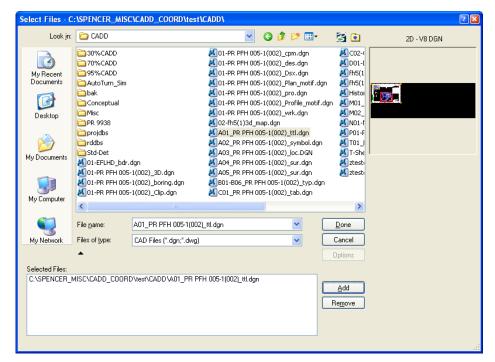
To add files to the batch printing set, select the named folder you want to add files to and click Add Files to Set . (or go to File > Add Files to Set)

🛛 Roadway_Print_default	.pset - Print Organizer			
<u>File E</u> dit <u>V</u> iew <u>T</u> ools				
i 🗅 📂 日 🍐 🗣 🛛	🔁 🔁 🗙 🖭 🗖	^ ∨ ⊻ [⊡ - [≩		
🖃 📂 Roadway_Print_default	Name	File Name	Model	View
A_Shts	Add Files to Set hts			
B_Shts	📁 B_Shts			
C_Shts	📁 📁 C_Shts			
D_Shts	📁 📁 D_Shts			
E_Shts	📁 E_Shts			
💴 📁 F Shts	📗 📁 F_Shts			

Next select **Add** to navigate to and select files to add to the batch. Multiple file locations can be selected by selecting add and navigating to other location and files.

Create Print Definitions	X
Input files	1
	Add
	<u>R</u> emove
Print definition creation options	
Print style name:	2
	9
Manually Specified Options	0
	3
	OK Cancel
	Cancer

1. Select the desired files, then select Add, and then Select OK. Multiple files can be added.



2. Next select magnifying glass to browse to and apply a print style. Select a style and then hit **OK**.

Style names are based on and configured to printer names.



Creating PDF files, and then printing from the PDF is the best practice.

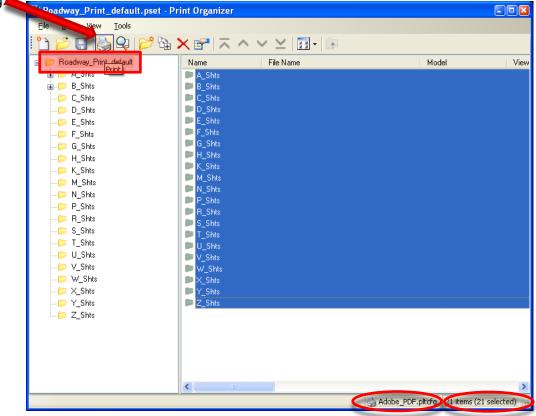
Apply Print Style	×
Select a print style to apply:	
Print Style Name	File Name
Adobe_PDF HP5500_CAVE_Rm220 HP5500_Color_Rm320 HP5550_Color_Rm334 PD1 PD22	EFL_Print_Styles.dgnlib EFL_Print_Styles.dgnlib EFL_Print_Styles.dgnlib EFL_Print_Styles.dgnlib EFL_Print_Styles.dgnlib EFL_Print_Styles.dgnlib
	OK Cancel

These Print Styles are configured to search in all of the .dgn's you've added to find the **D_Plot_Shape**. The tool searches the active file, the file's Models, and sheet border reference files (01-EFLHD_bdr.dgn, 01-EFLHD_bdr-nps.dgn).

3. After the files have been added and the print style has been selected, Hit **OK**. The Print Organizer Status menu will flash with data while compiling the batch.

Repeat the steps to add your files to each named folder until all of your files have been added. Moving files up or down in the order is allowed as well. You may have to edit the list of files found when the batch was assembled. (it may have found plot shapes around sheets you do not want in your batch) Use the Display icon to view the sheets.

To print the batch, select the "root" folder and highlight the group you want to print. **Select** the **Print icon**. (Note the print style name and number of sheets created at the bottom of dialog



Note again, the driver configuration file name should match the printer name.

Specify the Print Range.

4. **Select Single print job**. Using the Separate print jobs setting is not recommended, this would produce multiple PDF files.

5. Select the magnifying glass to browse to the location and name of the PDF file to be created. Select OK.

Print	
Printer Driver File name: Type:	Configuration Adobe_PDF.pltcfo Bentley PDF printer driver Printer Setup
Print Range All Selection 	Number of copies: 1
	Create print file
Destination:	ENCER_MISC\CADD_COORD\test\CADD\Roadway_Print_default.pdf Open print file after creation OK Cancel

Your PDF file should open (if toggled on) after it has been created.