MicroStation V8i Print Organizer

May, 2012

File	Edit Element	Settings	Tools	Utilities	Workspace	Window	<u>H</u> elp	N
3	<u>N</u> ew						Ctrl+N	
B	Open						Ctrl+O	
	Close						Ctrl+W	
Θ	Save						Ctrl+S	
	Save <u>A</u> s							
-	Compress							•
	Sa <u>v</u> e Settings						Ctrl+F	
3	Item Browser							
-	Project Explorer							
D	References							
	Raster Manager							
0	Point Clouds							
٥	Models							
5	Publish i-model							
	<u>I</u> mport							۲
	<u>Export</u>							•
	Print Preview							
3	Print						Ctrl+P	

In a MicroStation file, click on "File" and click on "Print Organizer".

This is the left side of the "Print Organizer" dialog box. Notice the file extension is pset.

File Edit View Tools		$\wedge \vee \simeq \square$	
	Name	File Name	Model

Click "Add Files to Set".

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	الم ا 🖉 🖗 🖗	× 🖻 🗟 ^	\sim \simeq \square -	1
Untitled	Ed.	d Files to Set	File Name	Model
	Au	a Thes to set		

Click "Add" and browse to find the file(s) you wish to add.

Input files	Add	2
	<u>R</u> emove	
Print definition creation options		
Print style name:	(Q
Print style name: Manually Specified Options	(્

Look in:	鷆 plans 👻	🎯 🤌 📂 🛄 🗸	
(Pa)	Name	Date modified	Туре
Recent Places	129580xsshts.dgn	8/16/2011 11:25 AM	Bentley MicroStation Desig
ecent Places			

In this example I am working with Cross Sections. Control Number 12958.

Click "Done" to add the file(s) to the "Create Print Definitions" dialog box.

Click on the Magnifying Glass to find the "Print Style Name".

eate Print Definitions	×
Input files	
C:\documents\12958\roadway\plans\129580xssht	is.dgn
Print definition creation options Print style name:	
Manually Specified Options	
	OK Cancel

20 scale, half size plans is what I want, so I make that selection and click on "OK".

elect a print style to apply:		
Print Style Name	File Name	
Construction plans 200 scale half size	ndor_print_styles.dgnlib ndor_print_styles.dgnlib	
cross sections 20 scale half size	ndor_print_styles.dgnlib	
vow plans 200 scale half size	ndor_print_styles.dgnlib ndor_print_styles.dgnlib	
		NOK Cancel

Click on "OK".

C:\documents\12958\roadway\plans\129580xsshts.dgn	<u>A</u> dd <u>R</u> emove
Print definition creation options Print style name: cross sections 20 scale half size	Q
Manually Specified Options	

File Edit View Tools	- 2 PA				
[2] [2] [2] [2] [2] [2] [2] [2] [2] [2]	- 19 - 19		✓ ≚ 🖽 + 🗉	Model	View Group
129580xsshts		129580xsshts	129580xsshts.dan	Default	Default
129580xsshts		129580xsshts	129580xsshts.dan	Default	Default
129580xsshts	III	129580xsshts	129580xsshts.dan	Default	Default
		129580xsshts	129580xsshts.dan	Default	Default
		129580xsshts	129580xsshts.dgn	Default	Default
129580xsshts		129580xsshts	129580xsshts.dgn	Default	Default
		129580xsshts	129580xsshts.dan	Default	Default
129580xsshts		129580xsshts	129580xsshts.dgn	Default	Default
129580xssbts		129580xsshts	129580xsshts.dan	Default	Default

The "Print Organizer" dialog box, showing the plot files.

Click on "File" and click on "Save As..." to name your "pset" file.

File	Edit View Tools	
2	New	Ctrl+N
B	Open	Ctrl+O
Θ	Save	Ctrl+S
	Save As	
	Default Print Definition I	Name
	Output File Names	Saves the active p

I renamed this file 12958_xs_half.pset. Half size cross sections for Control Number 12958.

File name:	12958_xs_half.pset	
Save as type:	Print Set Files (*.pset)	

To number the Plot Files, hilite the project name.

File Edit View Tools	\times	er < ^	✓ ≚	ţ.
∃ <mark>∕⊘</mark> 12958_xs_half	^ N	lame	File Name	Model
129580xsshts	0	(129580xsshts	129580xsshts.dgn	Default
129580xsshts	_	(129580xsshts	129580xsshts.dgn	Default
	н 🔾	(129580xsshts (129580xsshts	129580xsshts.dgn 129580xsshts.dgn	Default Default

Click on "Edit" and click on "Rename by Expression...".

File	Edit	View Tools				
3	Rename					
		Rename by Expr	ession			
	~	Delete	Bel		File Name	Model

Click on the down arrow on "Expression name:".

.

xpression name: <design name=""></design>	
xpression:	N
Preview Names	

Select "NDOR Cross Section Sheet Number".

Expression name:	
<design name=""></design>	
<print counter="">-<design name="">-<model name=""> <print counter="">-<sheet name=""></sheet></print></model></design></print>	
NDOR 2-A Sheet Number NDOR 2-H Sheet Number NDOR 2-L Sheet Number NDOR 2-N Sheet Number NDOR 2-T Sheet Number NDOR 2-W Sheet Number NDOR 3 Sheet Number	=
NDOR Cross Section Sheet Number NDOR Survey Corner Sheet Number NDOR Plan Sheet Number	

Click on "OK".

Rename Print Definitions by Expression	×
Expression name:	
NDOR Cross Section Sheet Number	
Expression:	
"X" & System.String.Format ("{0:D1}", PrintDefinition.SetPrintDefNumber)	
Preview Names Set as default print definition name expression	
ОК	Cancel

File Edit View Tools			
🖒 📂 日 🍓 🝳 =>> 12958_xs_haff	2 3 × 100 × 10	^	†
7 X1	Name	File Name	Model
7 X2	(X1	129580xsshts.dgn	Default
7.00		129580xsshts.dgn	Default
-	(X3	129580xsshts.dgn	Default
	1 X4	129580xsshts.dgn	Default

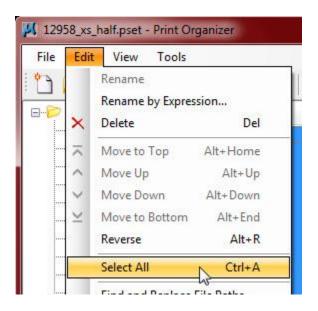
The "Print Organizer" dialog box, showing the new Plot Names.

Notes:

Individual plots can be renamed by selecting the plot name and clicking on "Edit" and then clicking on "Rename".

To print the Sheet Number on Construction Plan Sheets, click on "File" and "Save" and then click on "File" and "Print".

To print the Sheet Number, Project Number, Control Number, Horizontal and Vertical Scales on Cross Section Sheets, click on "Edit" and click on "Select All".



Click on the "Properties" button.

File Edit View Tools	1		
12958_xs_half		- ^ ∨ ⊻ 🔂 • 1 File Name	Model
		perties 129580xsshts dgn	Default
	(X2	129580xsshts.dgn	Default
— 🯹 X3	E X3	129580xsshts.dgn	Default
	🔍 X4	129580xsshts.dgn	Default
	- T X5	129580xsshts.dgn	Default

Click on the Magnifying Glass to find or create, the "Pen Table" for this project plot set.

ain Advanced Fence Display Levels Refer	ances
Area Print area: Model: View group:	Paper Paper size:
View:	Full sheet
Layout Units: Size and scale Mirror: Fence alignment:	Rotation: Origin Ourspecified Center Specify:
Resymbolization Pen table: Clear pen table in print definitions	

This project is 12958 and we are plotting 20 scale Cross Section sheets ... select the 12958_xs_20_half.tbl "Pen Table" file.

Look in:	🕌 v&i_Print_Organizer 🔹 👻	G 🤌 📂 🛄 -		
Pa	Name	Date modified	Туре	Size
2	12958_xs_20_half.tbl	8/24/2011 3:39 PM	TBL File	1 KB
Recent Places	example_xs_scale_size.tbl	8/24/2011 3:40 PM	TBL File	1 KB
	e plan_number.tbl	8/24/2011 3:40 PM	TBL File	1 KB
Desktop	14			

If a file, for your project does not exist, right click, copy and rename the "example_xs_size.tbl" file to your control number. (Again ... this applies to Cross Section sheets only).

Right click to edit (or Open with Notepad) the Project, Control, H and V Scale numbers in that file. Click on "Open" or "Edit".

Area	isplay Levels References Paper		
Print area:		-	
Model:	Orientation:	_	
View group:			
View:			
Rasterized	Print to 3D Full sheet		
Layout			
Units:	Rotation:		
Size and scale	Origin	Origin	
	 Unspecified 		
22	© Center		
	Specify:		
Mirror:	• C C C C C C C C C C C C C C C C C C C		
Fence alignment:			
Resymbolization			
	gn\data\w&i_Print_Organizer\12958_xs_20_half.tbl	Q	
Clear pen table in print de	finitions		
Design Script:		Q	
Clear design script in pri	nt definitions	1	

Click on "OK".

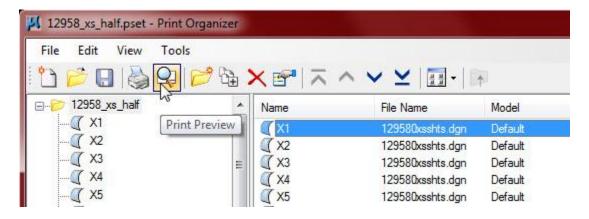
This is the right side of the "Print Organizer" dialog box, showing the "Design Script" and "Pen Table" files.

File Edit View Tools				
1 1 2 2 2 2	$\mathbb{G} \times$		- 🚛 - 📭	
⊡ <mark>⊘</mark> 12958_xs_half	<u>_</u>	Design Script	Pen Table	
		design_halfsize.pen	12958_xs20_half.tbl	
(X2	≡ design_halfsize.pen design_halfsize.pen	design_halfsize.pen	12958_xs20_half.tbl	
		design_halfsize.pen	12958_xs20_half.tbl	
		design_halfsize.pen	12958_xs20_half.tbl	
T 115	1.001	design_halfsize.pen	12958_xs20_half.tbl	

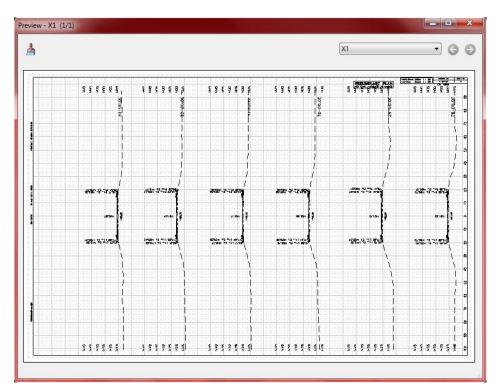
Click on "File" and click on "Save".

File Edit View Tools	
) New	Ctrl+N
👌 Open	Ctrl+O
Save	Ctrl+S
Save As	
Default Print Definition Name	
Output File Names	

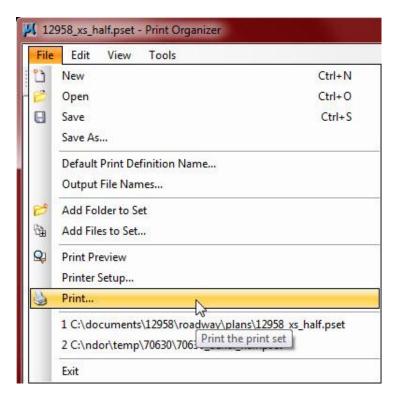
Hilite a plot file and click on "Print Preview".



The "Print Preview" dialog box.



Click on "File" and click on "Print".



The "Print" dialog box. Click "OK" to print.

Printer Driver File name: Type: Printer name	Configuration ndorplot.pltcfg Bentley Windows printer driver s: \\dorplot3\desdrledger	Printer Setup
Print Range		Copies Number of copies: 1
Submit Submit as:	Send to printer	
		OK

To plot sheets with raster files (photos) attached:

Make sure text style elements and other elements that require a white background block, are placed on level 191. That is the "Notes Aerial Photo Text" level.

Hilite the plot files and click on "Properties".			Jan 02, 2013 This problem has been fixed. Plot these sheets the	
File Edit View Tools	à× <u>₹</u> ⊼	same ∧ ∨ ⊻ I∎∙I⊯	as any othe	r sheet.
⊡	Name	File Name	Print Area	
	Properties	s 706300da01.dgn	Fence	
	2-W2	706300da02.dgn	Fence	
	2-W3	706300da03.dgn	Fence	
	2-W4	706300da04.dgn	Fence	
	2-W5	706300da05.dgn	Fence	
	2-W6	706300da06.dgn	Fence	
2-W7	2-W7	706300da07.dgn	Fence	

Click on the "Advanced" tab and set the "Color Options" to "Monochrome".

Main Advanced Fence Display Levels Refe Workspaces	rences	Jan 02, 2013 This problem has been fixed. Plot these sheets the same as any other sheet.
User workspace:	Project work	space:
Clear user workspace	Clear pro	oject workspace
Color Options Color: Monochrome		
Raster Options		

Click on "OK".

Click on "File" and "Save" and then click on "File" and "Print".

Notes:

When plotting full size sheets to the KIP plotter, plot in reverse order.

