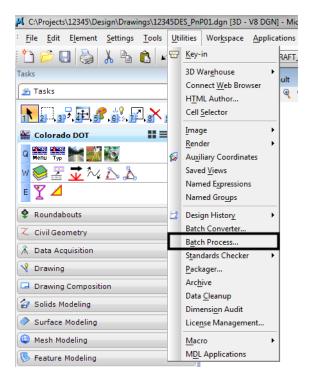
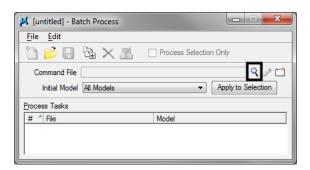
Workflow MS 17 - Batch Processing

This document guides you through using the Batch Process tool in MicroStation. Additional Batch Process files can be substituted into this workflow. This example uses a specific batch process file that changes the level of the North Arrow cell and the Match Lines. In 2.04 and prior versions of the configuration, Plan and Profile Generator placed the North Arrow cell and the Match Lines on the incorrect level. This process will correct this error in multiple sheets at the same time.

1. Select *Utilities > Batch Process* in MicroStation.



2. **<D>** on the *Search* icon to browse for the Batch Process command file.



3. Navigate to C:\Workspace\Workspace-CDOT_V8i\Standards-Global\MicroStation\Data.

4. **<D>** the command file *PnP_Cell-Fix.txt* then **<D>** *Open*.

Look in:	퉬 Data		•	G 🤌 📂 🖽	- 📓 🖻
(Ha	Name		Date modified	Size	
	Colortable_Re	set.txt	9/30/2010 11:37 AM	1 KB	_
Recent Places	PnP_Cell-Fix.b	đ	9/30/2010 11:37 AM	2 KB	
	SyncDGNLeve	ls.txt	9/30/2010 11:38 AM	1 KB	-
	SyncReference	Levels.txt	9/30/2010 11:38 AM	1 KB	
Desktop	UpdateAndRe	scale.txt	9/30/2010 11:38 AM	1 KB	
<u> </u>	UpdateCR.txt		9/30/2010 11:38 AM	1 KB	
6	UpdateGlobal	Origin.txt	9/30/2010 11:38 AM	1 KB	
Libraries					
Computer					
Network					
	File name:	PnP_Cell-Fo	c.txt	-	Open

- **Note:** The file, *PnP_Cell-Fix.txt*, changes the level of the North Arrow cell and the Match Lines from Default to the correct levels, GEN_SHEET_North-Arrow and GEN_SHEET_Match-Line.
- 5. **<D>** the **Add Files** icon.

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Command File PnP_Cell-Fix.txt	۹ 🖊 🗅
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	Name		Date modified	Туре	Size
2	12345DES_Pn	P##.dgn	11/20/2007 8:	Bentley Micr	38 KE
cent Places	12345DES_Pn	P01.dgn	12/14/2010 9:	Bentley Micr	87 K
	🕺 12345DES_Pn	P02.dgn	12/13/2010 2:	Bentley Micr	76 K
· · · · ·	🕺 12345DES_Pn	P03.dgn	2/18/2010 12:	Bentley Micr	71 K
Desktop	🕺 12345DES_Pn	P04.dgn	2/18/2010 12:	Bentley Micr	71 K
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(1	🔊 12345DES_Pn	P06.dgn	2/18/2010 12:	Bentley Micr	71 K
Libraries	🛃 12345DES_Pn	P07.dgn	2/18/2010 12:	Bentley Micr	71 K
	🔊 12345DES_Pn	P08.dgn	2/18/2010 12:	Bentley Micr	71 K
	🕺 12345DES_Pn	P09.dgn	2/18/2010 12:	Bentley Micr	71 K
Computer	12345DES_Pn	P10.dgn	2/18/2010 12:	Bentley Micr	71 K
	12345DES_Pn		2/18/2010 12:	Bentley Micr	72 K
	12345DES_Pn		2/18/2010 12:	Bentley Micr	71 K
Network	12345DES_Pn		2/18/2010 12:	Bentley Micr	71 K
	12345DES_Pn		2/18/2010 12:	Bentley Micr	71 K
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	•	744 1	11 (20 (2007 0		•
	File name:	"12345DE	S_PnP18.dgn" "12345DI	ES_PnP01/ 💌	Done
	Files of type:	CAD Files	(*.dgn;*.dwg;*.dxf)	-	Cancel

6. Select the sheet files created by the Plan and Profile Generator in InRoads. Then *<D> Done*

Note: You can hold down the *Ctrl* or *Shift* key to select multiple files.

7. **<D>** the *Process Batch* icon. This will execute the Batch Process command file.

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Command File PnP_Cell-Fix.txt	Q 2 1
Initial Model All Models	ly to Selection
Process Tasks	
# ^ File	Model 🔺
1 C:\Projects\12345\Design\Draw\12345DES_PnP01.dgn	All Models
2 C:\Projects\12345\Design\Draw\12345DES_PnP02.dgn	All Models
3 C:\Projects\12345\Design\Draw\12345DES_PnP03.dgn	All Models
4 C:\Projects\12345\Design\Draw\12345DES_PnP04.dgn	All Models
5 C:\Projects\12345\Design\Draw\12345DES_PnP05.dgn	All Models
6 C:\Projects\12345\Design\Draw\12345DES_PnP06.dgn	All Models
7 C:\Projects\12345\Design\Draw\12345DES_PnP07.dgn	All Models 👻
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8. Review the file list before processing. If this is correct, *<D> Process*.

# 1	File M	lodel	Status 1	lime	*
1	C:\Projects\12345DES_PnP01.dgn Cl	DOT Default	Pending		
2	C:\Projects\12345DES_PnP02.dgn Cl	DOT Default	Pending		1
3	C:\Projects\12345DES_PnP03.dgn Cl	DOT Default	Pending		Ε
4	C:\Projects\12345DES_PnP04.dgn CI	DOT Default	Pending		
5	C:\Projects\12345DES_PnP05.dgn Cl	DOT Default	Pending		÷
6	C:\Projects\12345DES_PnP06.dgn Cl	DOT Default	Pending		
7	C:\Projects\12345DES_PnP07.dgn Cl	DOT Default	Pending		
8	C:\Projects\12345DES_PnP08.dgn CI	DOT Default	Pending		
9	C:\Projects\12345DES_PnP09.dgn Cl	DOT Default	Pending		
10	C:\Projects\12345DES_PnP10.dgn Cl	DOT Default	Pending		
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- 9. Review the *Status* field to make sure all files were processed without an error.
- 10. After verifying this, **<D>** *Done*.

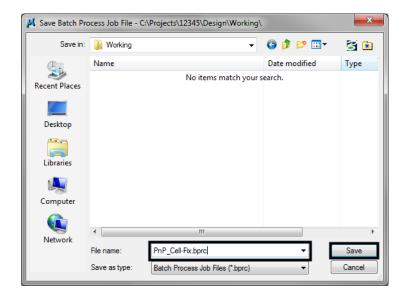
# 1	File	Model		Status	Time	
10	C:\Projects\12345DES	PnP10.dgn CDOT I	Default	Processed	2.1	_
11	C:\Projects\12345DES	PnP11.dgn CDOT I	Default	Processed	1.7	
12	C:\Projects\12345DES	PnP12.dgn CDOT I	Default	Processed	1.7	
13	C:\Projects\12345DES	PnP13.dgn CDOT I	Default	Processed	1.8	
14	C:\Projects\12345DES	PnP14.dgn CDOT I	Default	Processed	1.8	
15	C:\Projects\12345DES	PnP15.dgn CDOT I	Default	Processed	1.7	
16	C:\Projects\12345DES	PnP16.dgn CDOT I	Default	Processed	1.8	
17	C:\Projects\12345DES	PnP17.dgn CDOT I	Default	Processed	1.7	=
18	C:\Projects\12345DES	PnP18.dgn CDOT I	Default	Processed	1.8	
						-

11. **<D>** the *Save* icon to save the files included in the Batch Process. Every time you rerun the Plan and Profile generator in InRoads, the changes to the North Arrow cell and the Match Lines will be lost. You can recall the *.bprc file to execute the batch process.

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Command File PnP_Cell-Fix.txt	♀ / 🗅
Initial Model All Models	y to Selection
Process Tasks	
# ^ File	Model 🔺
1 C:\Projects\12345\Design\Draw\12345DES_PnP01.dgn	All Models 🖃
2 C:\Projects\12345\Design\Draw\12345DES_PnP02.dgn	All Models
3 C:\Projects\12345\Design\Draw\12345DES_PnP03.dgn	All Models
4 C:\Projects\12345\Design\Draw\12345DES_PnP04.dgn	All Models
5 C:\Projects\12345\Design\Draw\12345DES_PnP05.dgn	All Models
6 C:\Projects\12345\Design\Draw\12345DES_PnP06.dgn	All Models 👻
	4

Note: If additional Plan and Profile sheets are created, be sure to update the file list.

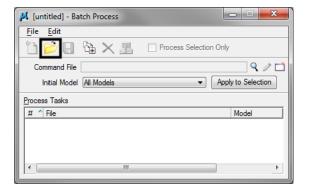
12. Give the saved file an extension of *.bprc. Navigate to C:\Projects\.....\Design\Working and <D> OK.



13. Verify the name in the dialog header.

NP_Cell-Fix.bprc Batch Process	- 🗆 🗙	
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Command File PnP_Cell-Fix.txt	< 🤇 🗸 🗆	1
Initial Model All Models	ly to Selection	
Process Tasks		
# ^ File	Model ^	
1 C:\Projects\12345\Design\Draw\12345DES_PnP01.dgn	All Models E	
2 C:\Projects\12345\Design\Draw\12345DES_PnP02.dgn	All Models	
3 C:\Projects\12345\Design\Draw\12345DES_PnP03.dgn	All Models	
4 C:\Projects\12345\Design\Draw\12345DES_PnP04.dgn	All Models	
5 C:\Projects\12345\Design\Draw\12345DES_PnP05.dgn	All Models	
6 C:\Projects\12345\Design\Draw\12345DES_PnP06.dgn	All Models 🚽	-
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14. To open a Batch Process file *Open* icon.



15. Navigate to the *.*bprc* file previously saved, <D> the filename then <D> *Open*. Follow steps 7-9 to execute the Batch Process command file.