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# MicroStation Tips and Tricks

Bentleyuser.dk årsmøde 2021

8. November 2021

# Hide file preview

Forbedrer performance.

Preferences → Look and Feel →  
Set checkmark "Hide Thumbnail View"

## MicroStation CONNECT Edition

WorkSpace WorkSet  
NIRAS ▾ TipsTricks2021 ▾

### Recent Files

NamedPresentations.dgn  
C:\Users\lai\OneDrive - NIRAS\bentleyuser\Bentleyuser2021\TipsandTricks\Tips and Tricks\  
Modified: 01-11-2021 13:58:19 Size: 174 KB

Old\_LineStyles.dgn  
C:\Users\lai\OneDrive - NIRAS\bentleyuser\Bentleyuser2021\TipsandTricks\Tips and Tricks\  
Modified: 01-11-2021 13:39:28 Size: 172 KB

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LineStyleRefs.dgn  
C:\Users\lai\OneDrive - NIRAS\bentleyuser\Bentleyuser2021\TipsandTricks\Tips and Tricks\  
Modified: 01-11-2021 13:37:57 Size: 174 KB

Browse New File

Preferences [MicroStation\_Metric]

Category: Look and Feel

Name for Preferences: Default Preferences

Single Click: Locked

Default Tool: Selection

Layout: Regular

Tool Box Tool Size: Medium (24 x 24)

View Tool Size: Small (16 x 16)

Marker Size: Default (Tool Size)

Auto-focus Tool Settings

Borderless Icons

High-contrast icon edges

Use Windows file open

Highlight file name

Restore undocked dialogs

Focused dialog is opaque

Modeless dialogs transparency

Hide Thumbnail View

Apply Dark Themed UI

Focus Item Description:  
If on, you won't be able to see the thumbnail view.

Defaults OK Cancel

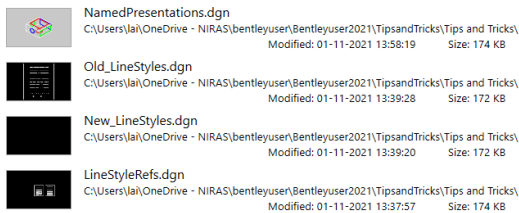
# Recent files





Hvis man helt vil fjerne fil historikken

## MicroStation CONNECT Edition

Workspace WorkSet  
NIRAS ▾ TipsTricks2021 ▾

### Recent Files



	<b>NamedPresentations.dgn</b> C:\Users\la\OneDrive - NIRAS\bentleyuser\Bentleyuser2021\TipsandTricks\Tips and Tricks\ Modified: 01-11-2021 13:58:19 Size: 174 KB
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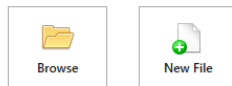


## MicroStation CONNECT Edition

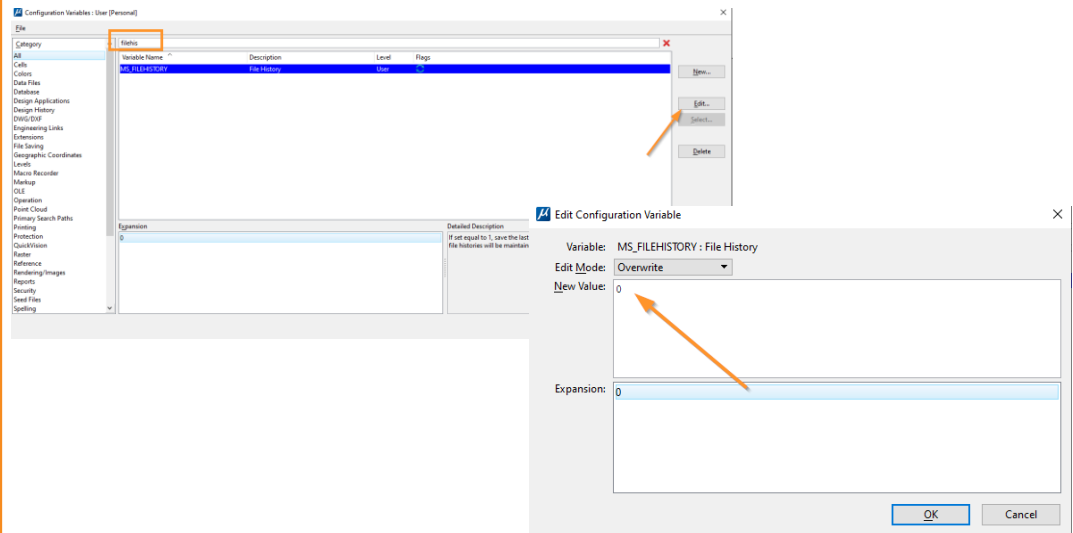
Workspace WorkSet  
NIRAS ▾ TipsTricks2021 ▾

### Recent Files

You haven't opened any files recently. To browse for a file, start by clicking on Browse.



F4 → Configuration Variables → Søg på filehist → Klik på Edit →  
Skriv 0 i "New Value" → OK → OK →  
Yes til at gemme ændringen  
Gå ud af programmet og ind igen.



# Fjern menupunkt Create Workspace

Configuration variabel:

MS\_CONFIGURATIONOPTS

Mulige værdier:

DisallowCreatingWorkSpace

DisallowCreatingWorkSet

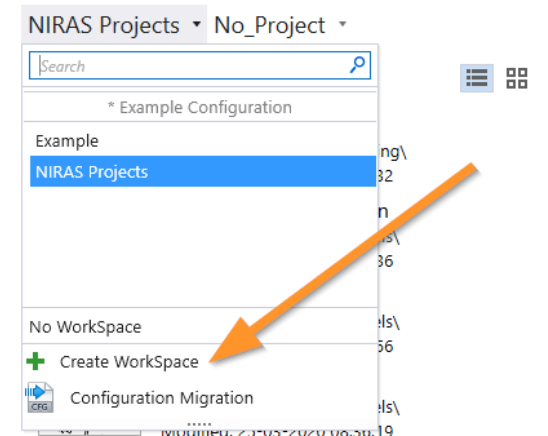
DisallowSelectingWorkSpace

DisallowSelectingWorkSet

Eksempelvis:

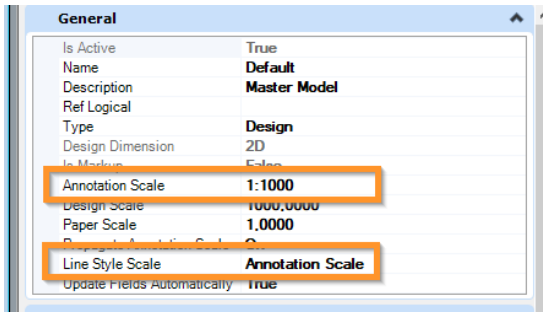
MS\_CONFIGURATIONOPTS =  
DisallowCreatingWorkSpace,DisallowCreatingWorkSet

## MicroStation CONNECT Edition

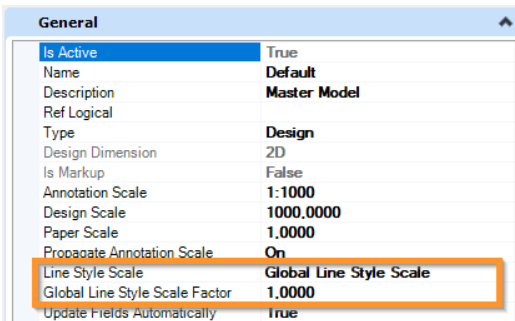


# Linestyle scale

DDA linestyles anvender annotation scale

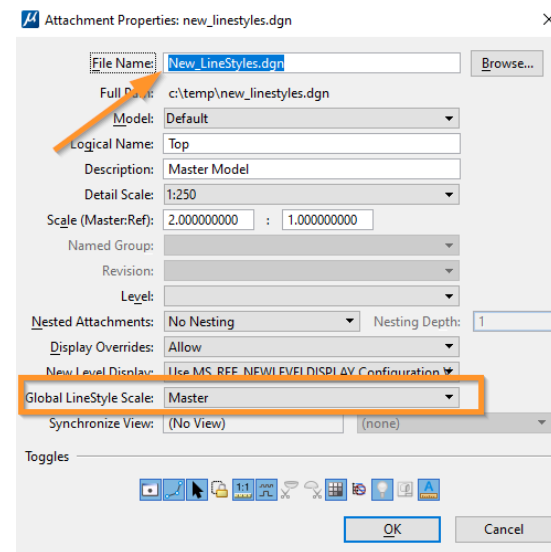


Gamle linestyles anvender global linestyle scale

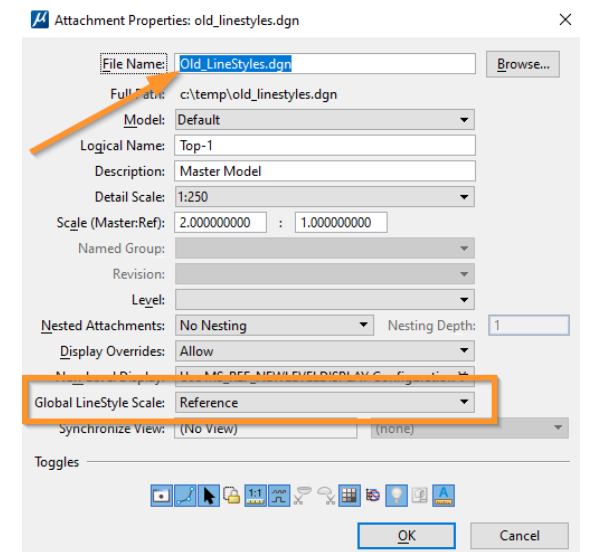


## Reference settings på "ny dgn"

Ny DGN reference



Gl. DGN reference

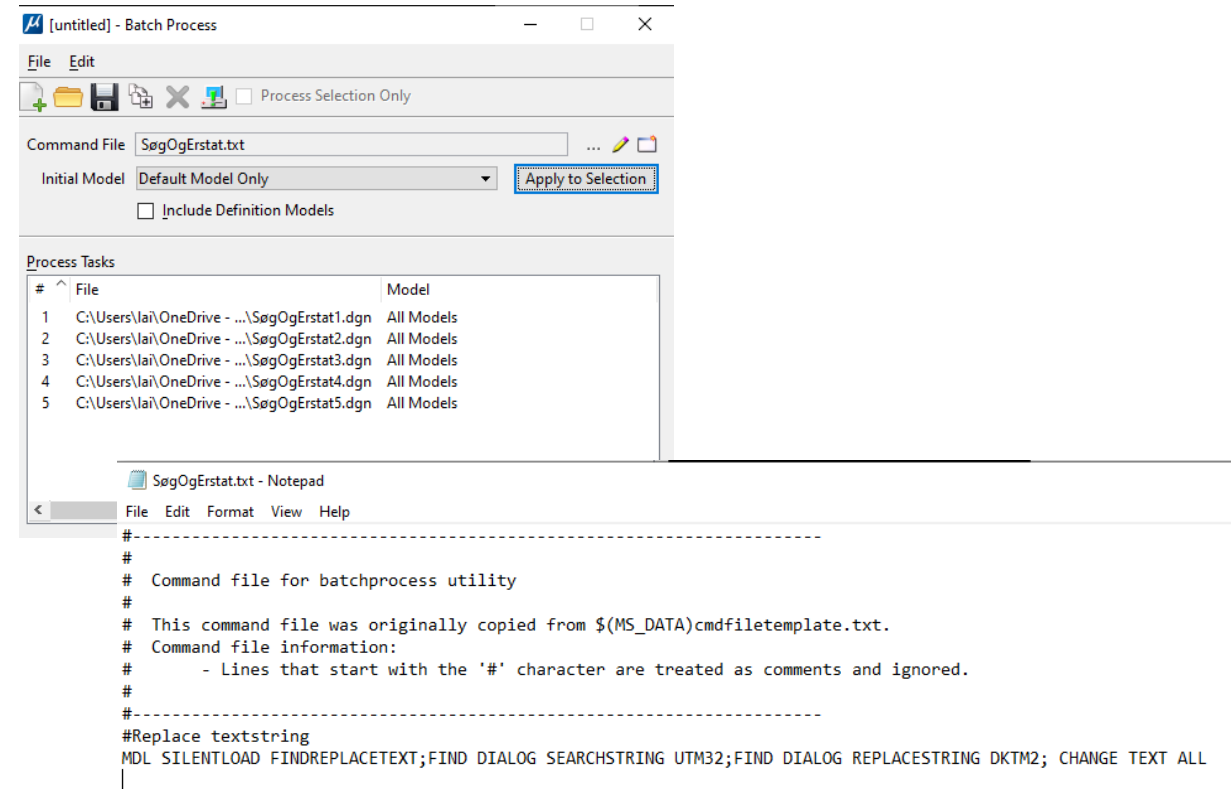


# Søg og erstat tekst i batch

Skal du ændre en tekst på mange filer?  
Så kan du køre find and replace text i batch. Så slipper du for at åbne hver enkelt fil manuelt.

Keyin:

```
MDL SILENTLOAD FINDREPLACETEXT;FIND DIALOG  
SEARCHSTRING Find Tekst;FIND DIALOG REPLACESTRING  
Replace Tekst; CHANGE TEXT ALL
```



## NOTE:

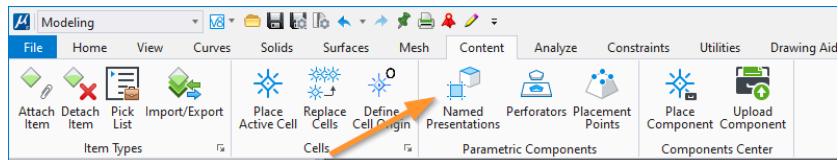
Ubenaevnte mål er i m. Ledningsdimensioner og brønddiameter er i mm.  
Koter i m i forhold til DVR90. Koordinatsystem er UTM32.

## NOTE:

Ubenaevnte mål er i m. Ledningsdimensioner og brønddiameter er i mm.  
Koter i m i forhold til DVR90. Koordinatsystem er DKTM2.

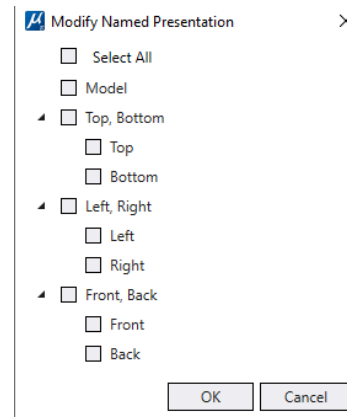
# Named presentations

Definér hvad du vil se pr. objekt



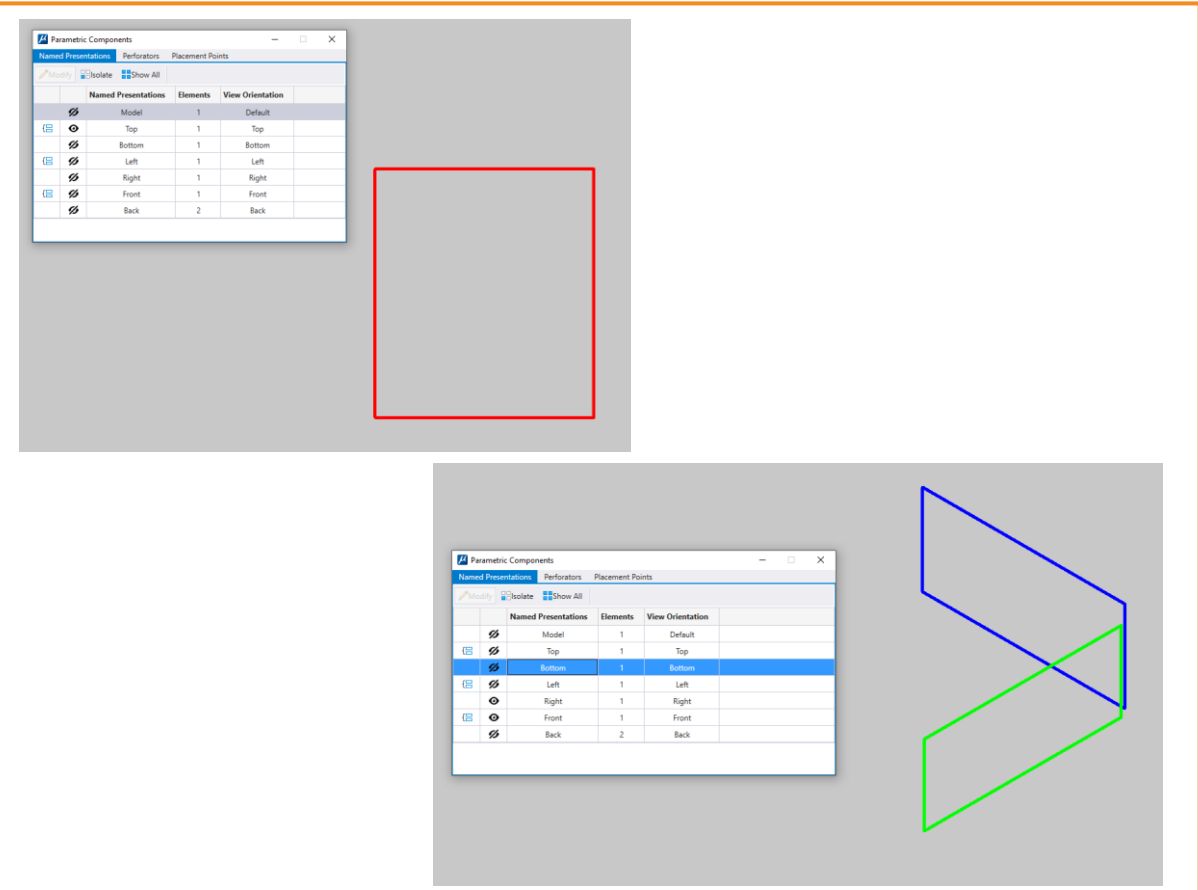
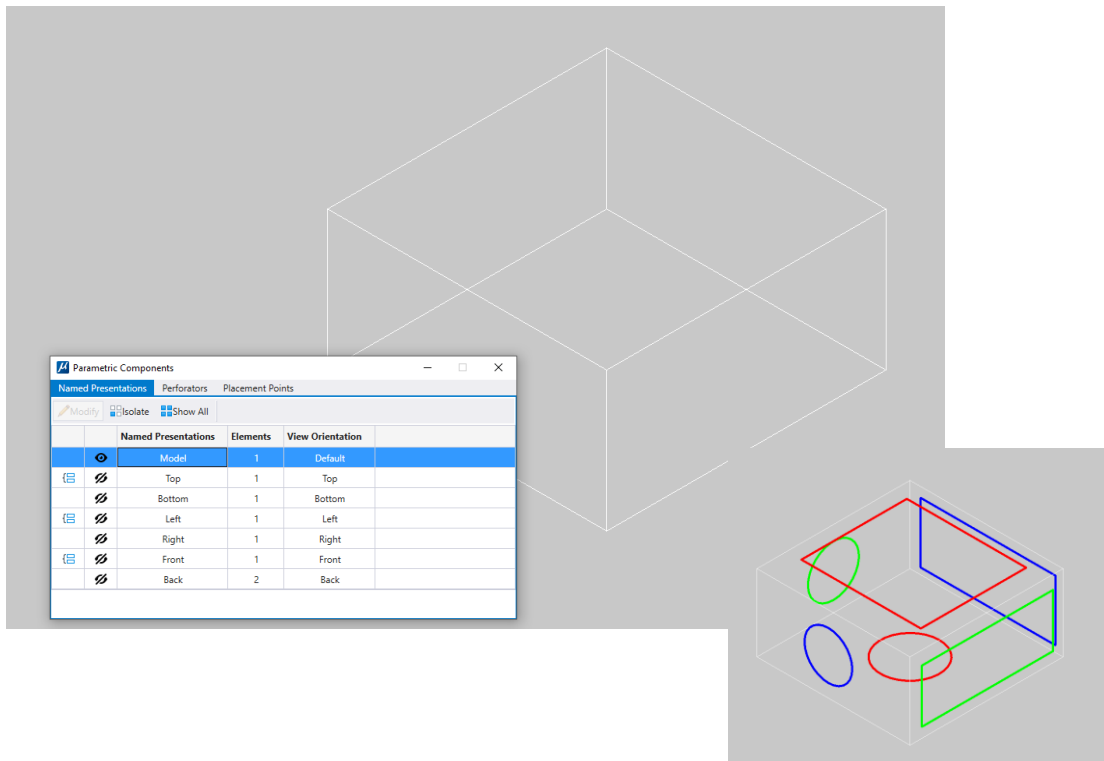
The image shows the 'Parametric Components' dialog box with the 'Named Presentations' tab selected. The dialog contains a table with columns for 'Named Presentations', 'Elements', and 'View Orientation'. The table lists various presentation options for the model.

	Named Presentations	Elements	View Orientation
<input checked="" type="checkbox"/>	Model	0	Default
<input checked="" type="checkbox"/>	Top	0	Top
<input checked="" type="checkbox"/>	Bottom	0	Bottom
<input checked="" type="checkbox"/>	Left	0	Left
<input checked="" type="checkbox"/>	Right	0	Right
<input checked="" type="checkbox"/>	Front	0	Front
<input checked="" type="checkbox"/>	Back	0	Back



# Named presentations

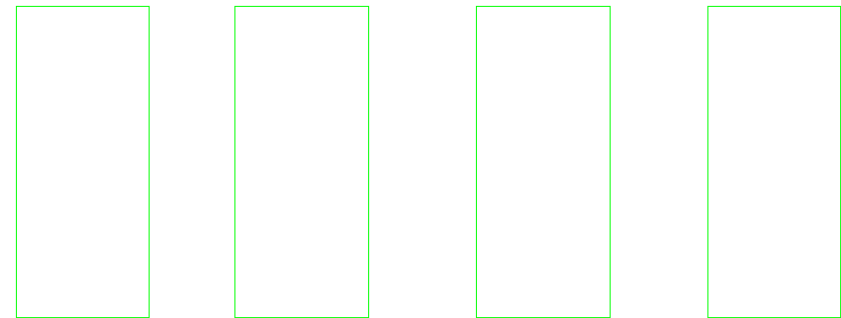
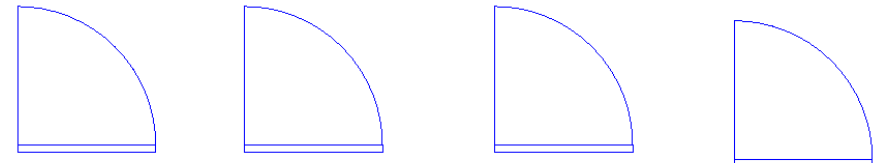
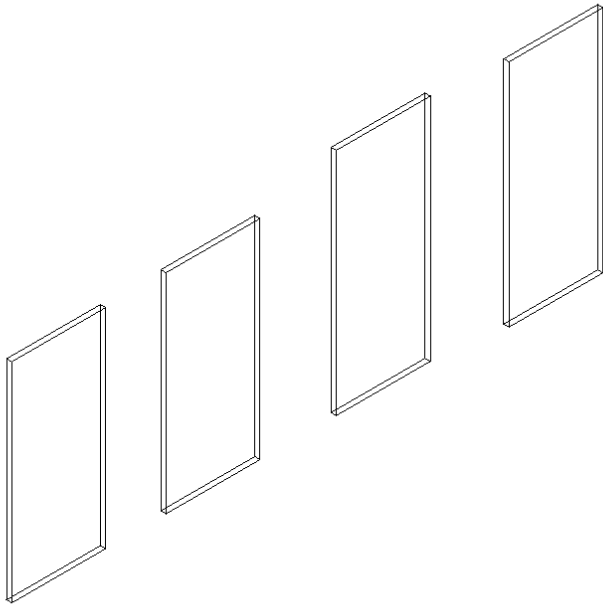
Definér hvad du vil se pr. objekt





# Named presentations

Hvis det defineres på en celle – så får man visningerne ved bare at rotere modellen



# ideas

[MicroStation Ideas Portal \(aha.io\)](https://aha.io)

Ønsk og stem!

**Reference Attach multiple files - Apply to ALL has changed status to: Shipped**

When attaching multiple files, it would be great to have a tick box to 'APPLY TO ALL'

If I have 10 DGN files and add them in one move, I have to Press OK 10 times. This option will speed up this process

Thanks

Ian Lapper

[View idea](#)

# Levels og referencer

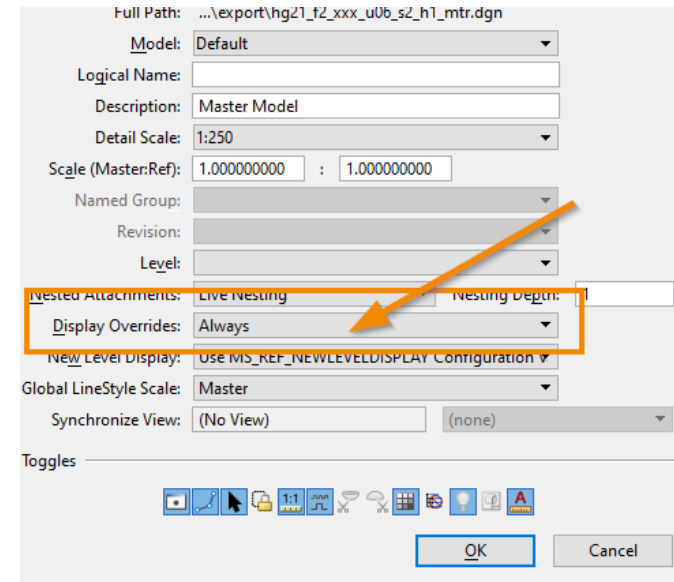
Man kan bruge NEVER setting til at tænde/slukke for de levels som samlefilen har tændt/slukket.

Hvis man efterfølgende skifter den til Always, så opdateres den ikke levende mere.

Referencer i samlefilen tilknyttes med setting sat til Always

I sheet filen kan man manuelt opdatere visningen af lagene fra samlefilen ved at skifte til Never.

\*\*\*Jeg vil anbefale sheet filens referencer ikke står til Never konstant. Den burde opdatere sig efter hvordan samlefilen ser ud, meeeen.. Det virker desværre ikke helt stabilt. Så brug funktionen manuelt ;)



# Lidt om AccuSnap

1. Snap on/off: CTRL + SHIFT

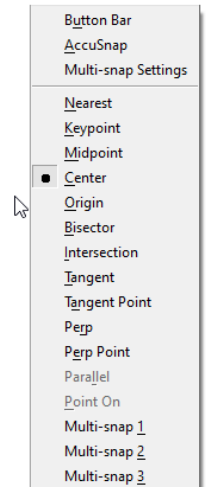
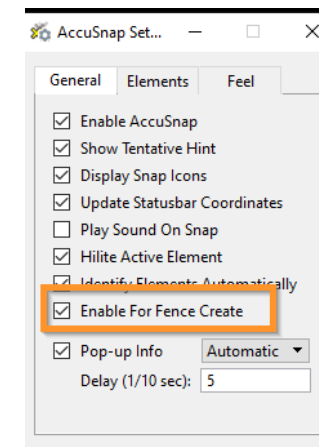
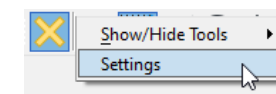
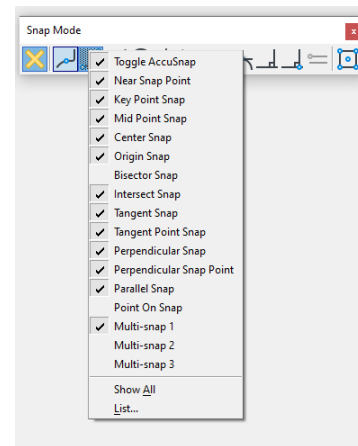
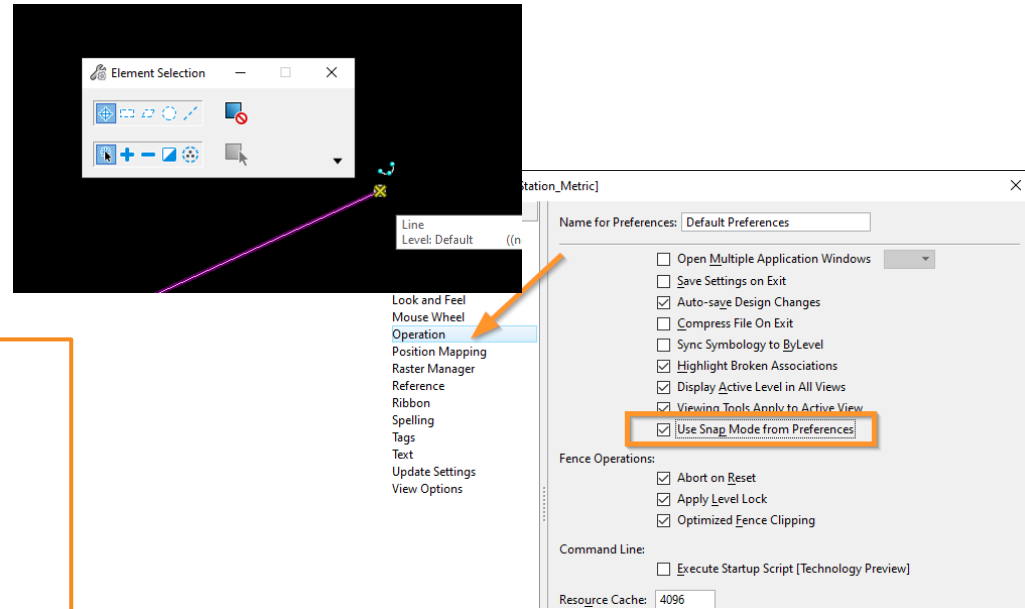
2. Vælg selv hvilken default snap der anvendes:

Preferences → Operation → Use Snap Mode from Preferences

3. Flere snapikoner skjuler sig i toolboxen  
Højreklik på toolbox

4. Brug AccuSnap på place fence  
Højreklik på AccuSnap ikon → Settings → Enable for Fence create

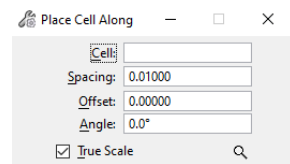
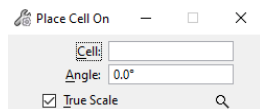
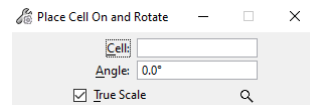
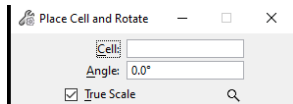
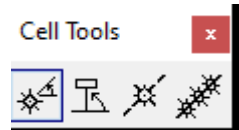
5. CTRL+SHIFT+Tentative – vælg snapmode



# CellTool for MicroStation CONNECT Edition

Downloades her:

[https://communities.bentley.com/products/microstation/m/microstation\\_gallery/274290](https://communities.bentley.com/products/microstation/m/microstation_gallery/274290)



**V8i Key-In**

**PLACE CELL ON DIALOG**

**PLACE CELL ROTATE ON DIALOG**

**PLACE CELL ROTATE POINT DIALOG**

**PLACE CELL ALONG DIALOG**

**DIALOG PALETTE CELLTOOL**

**CELLTOOL VERSION**

**CONNECT Edition Key-in**

**PLACE CELL ON**

**PLACE CELL ROTATE ON**

**PLACE CELL ROTATE POINT**

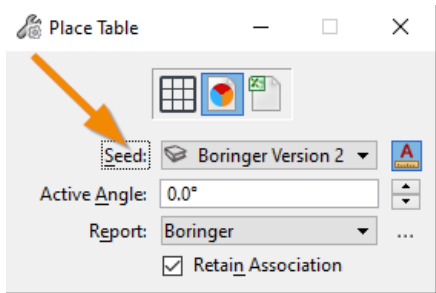
**PLACE CELL ALONG**

**DIALOG PALETTE CELLTOOL**

**CELLTOOL VERSION**

# Table seeds

Dgnlib's der indeholder definitioner på formateringen af tabeller



Boringer			
ID	X	Y	Z
1	305.1	631.4	0.0
2	326.6	642.5	0.0
3	356.9	631.1	0.0
4	332.1	621.1	0.0
5	303.6	609.2	0.0
6	274.5	613.4	0.0
7	279.8	637.6	0.0
8	274.1	651.8	0.0
9	297.9	657.4	0.0
10	328.3	659.3	0.0
11	346.0	655.9	0.0
Totals			
11			

Boringer			
ID	X	Y	Z
1	305.1	631.4	0.0
2	326.6	642.5	0.0
3	356.9	631.1	0.0
4	332.1	621.1	0.0
5	303.6	609.2	0.0
6	274.5	613.4	0.0
7	279.8	637.6	0.0
8	274.1	651.8	0.0
9	297.9	657.4	0.0
10	328.3	659.3	0.0
11	346.0	655.9	0.0
Totals			
11			

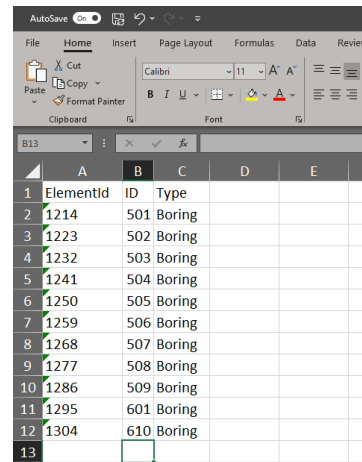
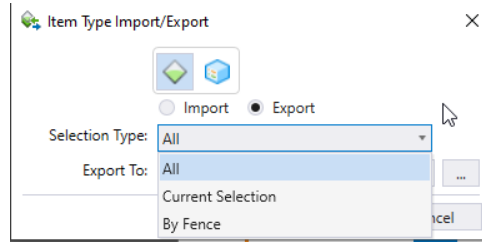
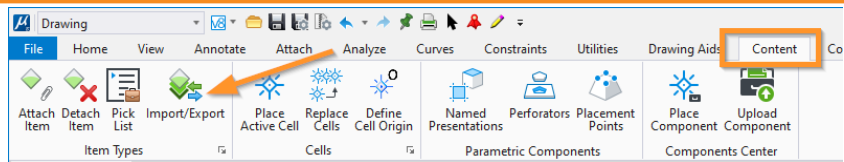
Boringer			
ID	X	Y	Z
1	305.1	631.4	0.0
2	326.6	642.5	0.0
3	356.9	631.1	0.0
4	332.1	621.1	0.0
5	303.6	609.2	0.0
6	274.5	613.4	0.0
7	279.8	637.6	0.0
8	274.1	651.8	0.0
9	297.9	657.4	0.0
10	328.3	659.3	0.0
11	346.0	655.9	0.0
Totals			
--			

Boringer			
ID	X	Y	Z
1	305.1	631.4	0.0
2	326.6	642.5	0.0
3	356.9	631.1	0.0
4	332.1	621.1	0.0
5	303.6	609.2	0.0

Boringer			
ID	X	Y	Z
6	274.5	613.4	0.0
7	279.8	637.6	0.0
8	274.1	651.8	0.0
9	297.9	657.4	0.0
10	328.3	659.3	0.0

Boringer			
ID	X	Y	Z
11	346.0	655.9	0.0
Totals			
11			

# Import/Export items

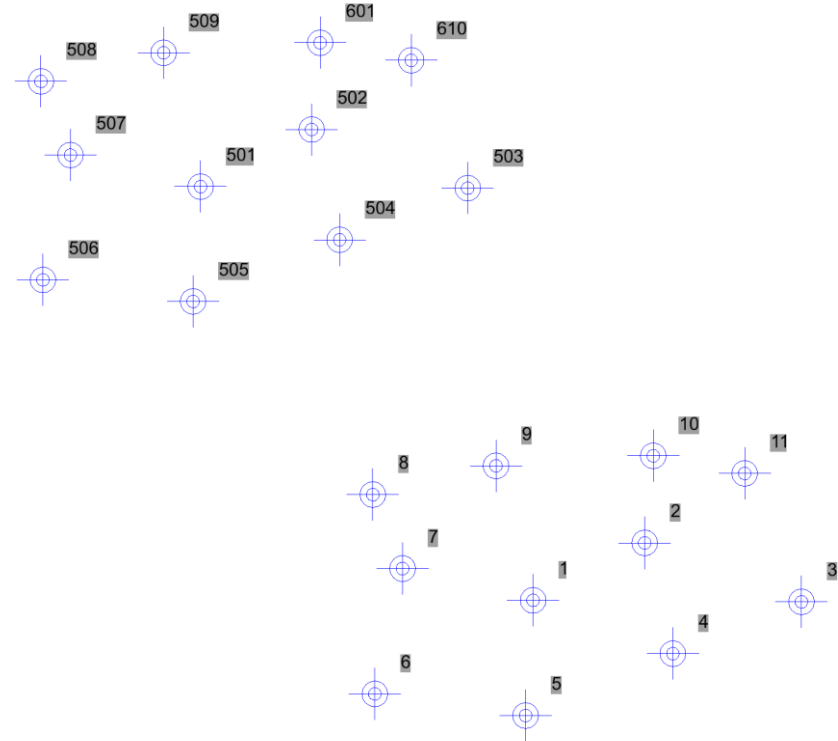


	A	B	C	D	E
1	Elementid	ID	Type		
2	1214	501	Boring		
3	1223	502	Boring		
4	1232	503	Boring		
5	1241	504	Boring		
6	1250	505	Boring		
7	1259	506	Boring		
8	1268	507	Boring		
9	1277	508	Boring		
10	1286	509	Boring		
11	1295	601	Boring		
12	1304	610	Boring		
13					

Export items data

→ Ændre data i Excel

→ Import i Excel



# Raster og transparency

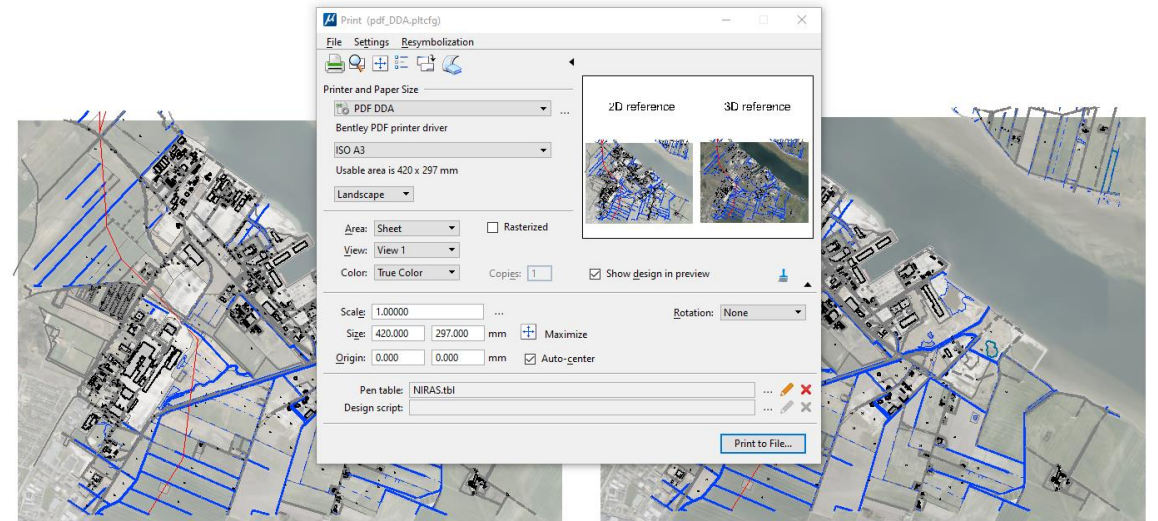
Nestede reference med raster reference.

Der er forskel på om raster filen er attached til en til en 2D eller en 3D model..

Ønsker du at printe din fil uden at sætte hakket i "rasterized", så skal raster referencen ligge i en 2D model!

2D reference

3D reference





# ALT + DATA

Det bedste tip nogen sinde!

MATCH...

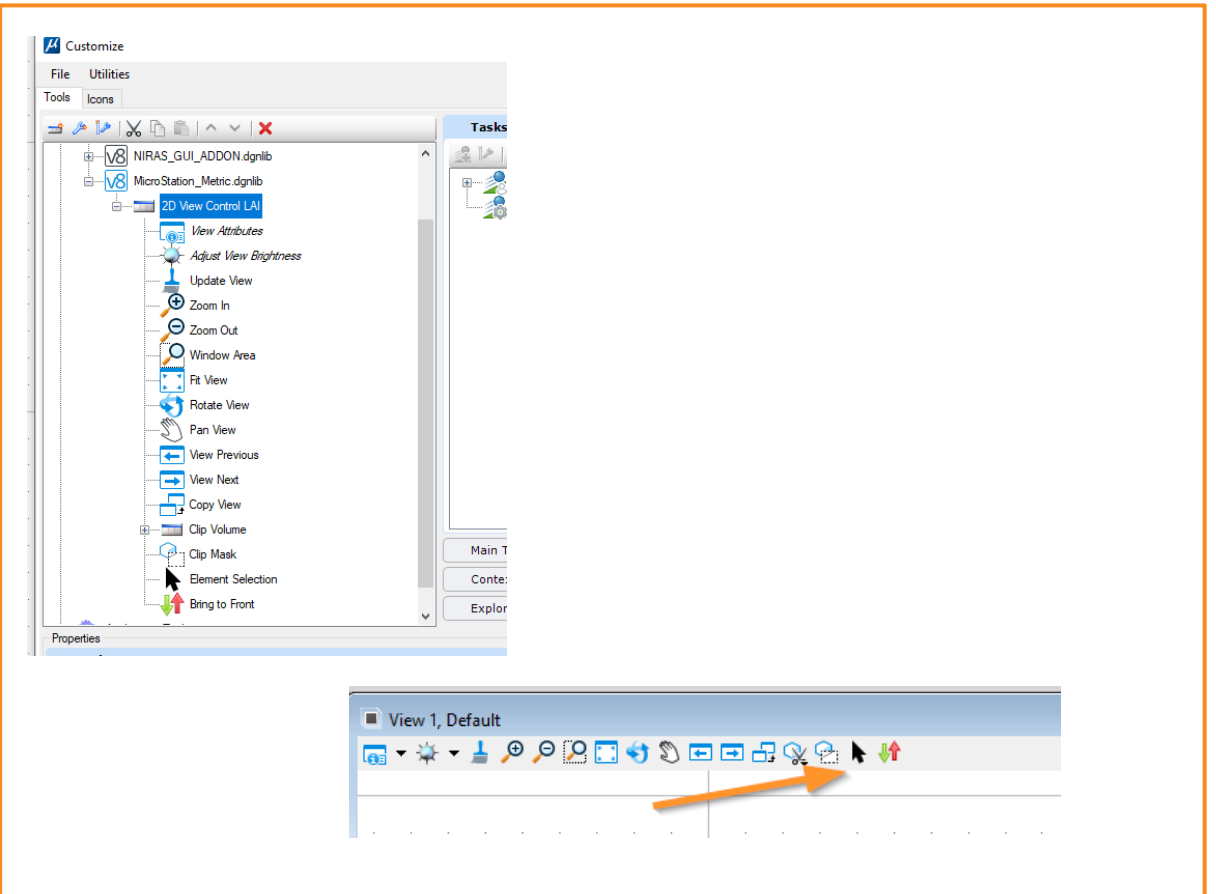
Match element from cursor

# View toolboxes

Skulle man have lyst til at tilføje egen toolbox i view, så kan det styres med disse 2 variabler:

MS\_VIEWTOOLBOX3D

MS\_VIEWTOOLBOX2D



# Tak for at I lyttede!

---

Fortsat godt årsmøde 😊

... næste SIG møde er 27. Januar 2022

Tilmelding på [bentleyuser.dk](http://bentleyuser.dk)