Microstation Tips & Tricks

Bentleyuser.dk 2018

5. NOVEMBER 2018

NIRAS

Tipsbunken

MicroStation V8i + MicroStation CONNECT Edition

Preview dgn filer i file explorer

Project Explorer

Focus - dialog

Z koordinaten / Flatten

Connection Client/Bentley login

Association til worksets

Vælg elementer med annotation scale

Cursor promts

Tænd/sluk for værktøjer

Configuration variables

Nordpil

Count cells

Liste eller thumbnails

File Open - Models

Multisnap settings

Optag en macro

Focus - Popset

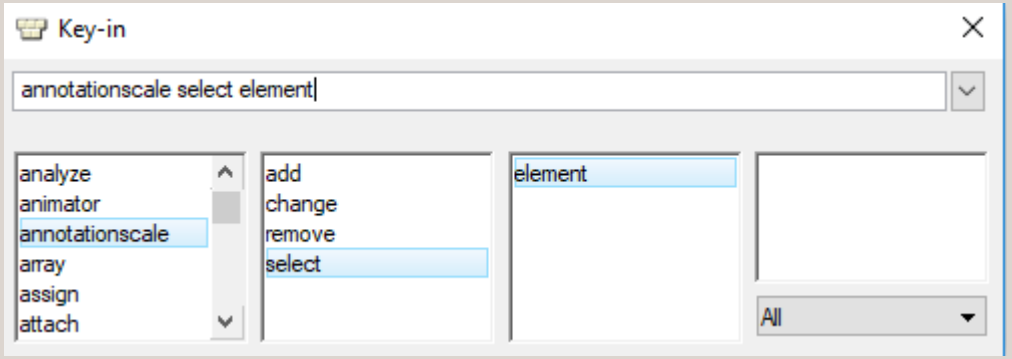
Element selection- flere tabs

1. Vælg elementer med annotation scale

MicroStation V8i + MicroStation CONNECT Edition

- Har du brug for at vide hvilke elementer der skaleres efter annotation scale. Så brug denne key-in:

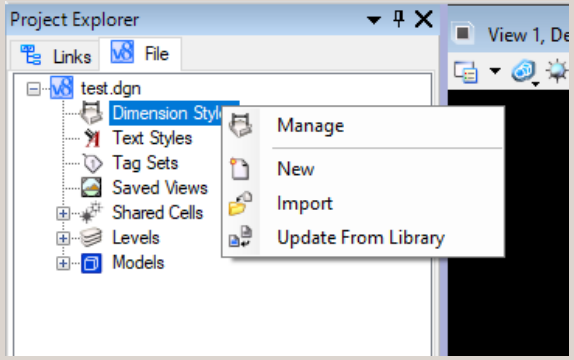
  ANNOTATIONSCALE SELECT ELEMENT

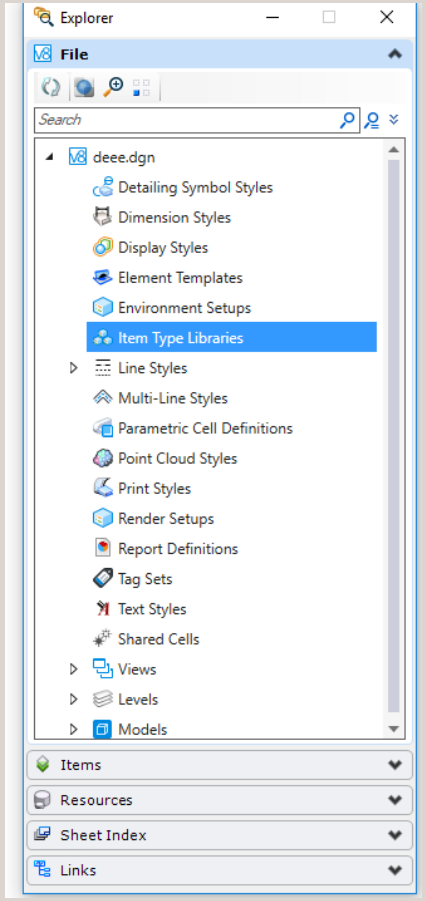


2. Project Explorer

MicroStation V8i + MicroStation CONNECT Edition

- Vælg File tab, og højreklik for menu

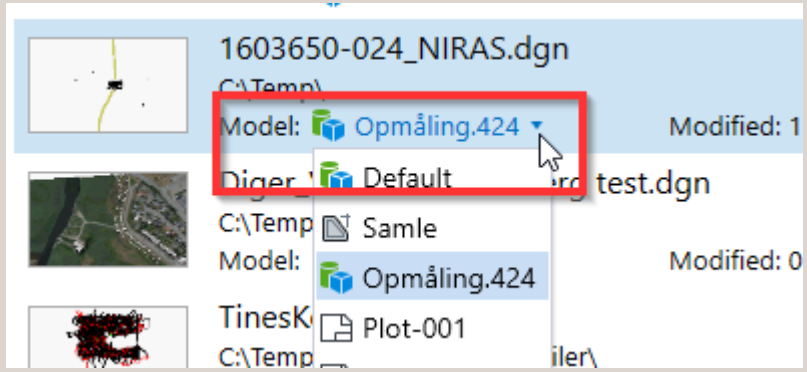




3. File Open - Models

MicroStation ConnectEdition

- Vælg hvilken model der skal åbnes før du åbner filen

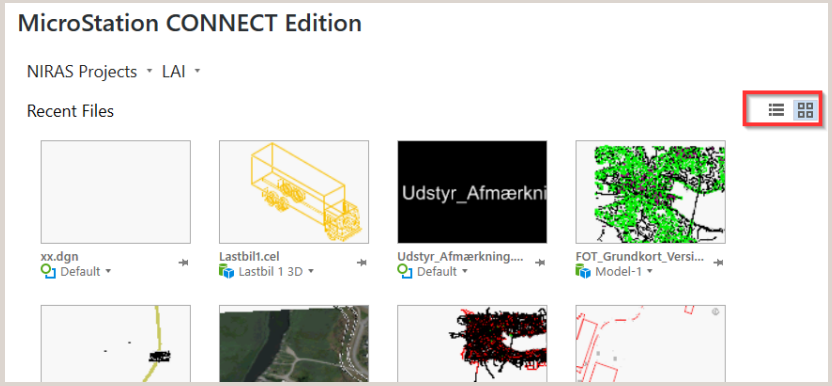


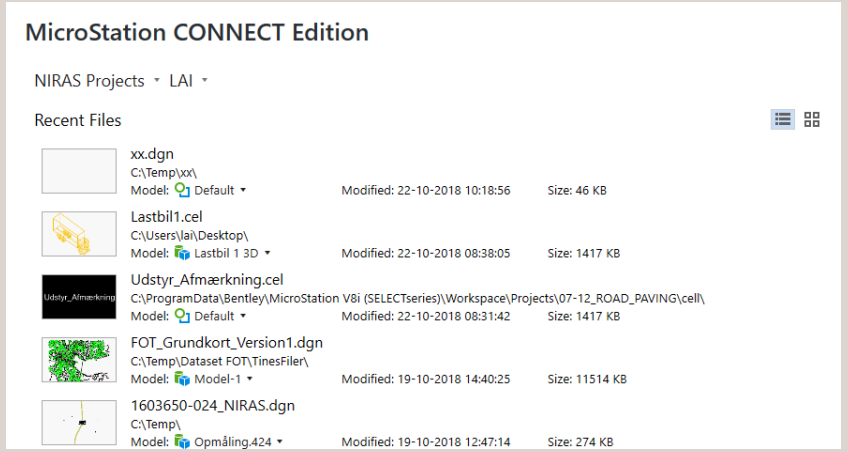
- Denne mulighed er fjernet fra MicroStation ConnectEdition Update 10 pga. Performance. Men hvis du ikke oplever performance problemer kan denne variable sættes:
  MS_STARTSCREEN_SHOWMODELPICKER=1

4. Liste eller thumbnails

MicroStation CONNECT Edition

- Kan du bedst lide thumbnails eller ekstra information når du skal åbne filer?

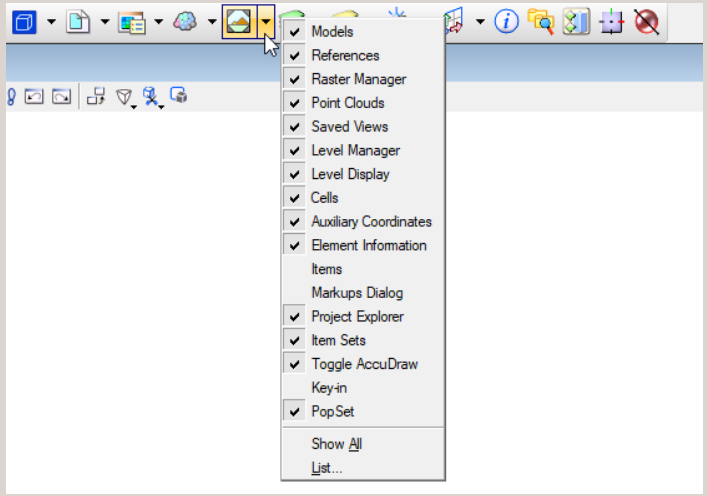


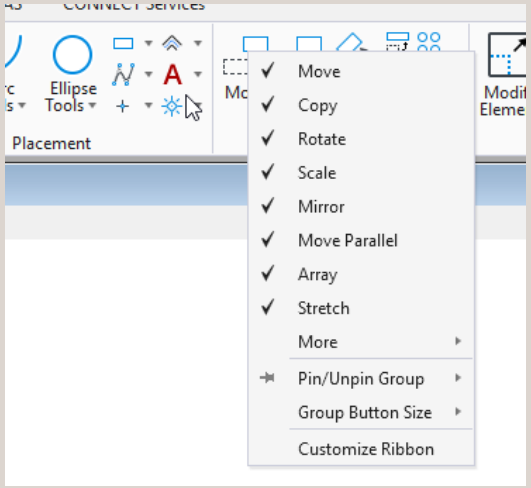


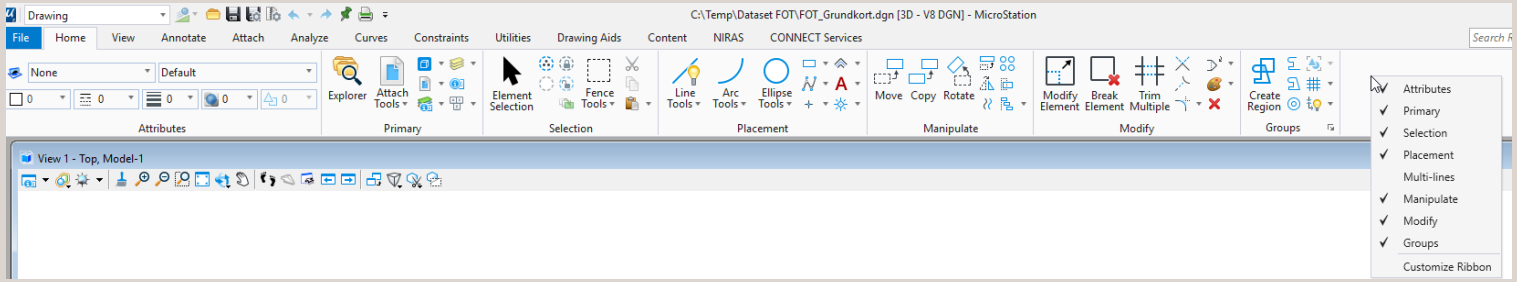
5. Tænd/sluk for værktøjer

MicroStation V8i + MicroStation CONNECT Edition

- Højreklik på toolbar – eller Ribbon hvis CE



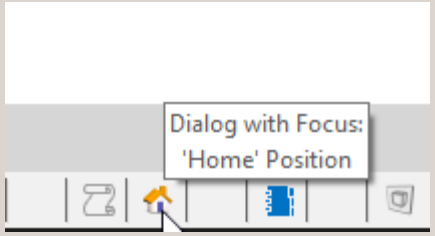


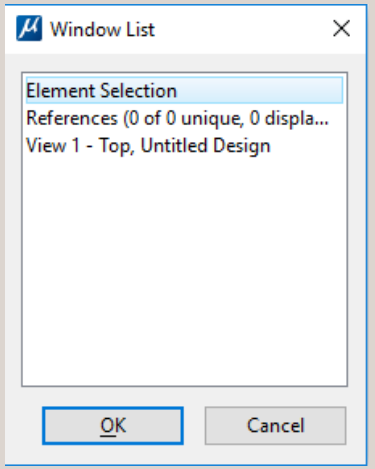


6. Focus - dialog

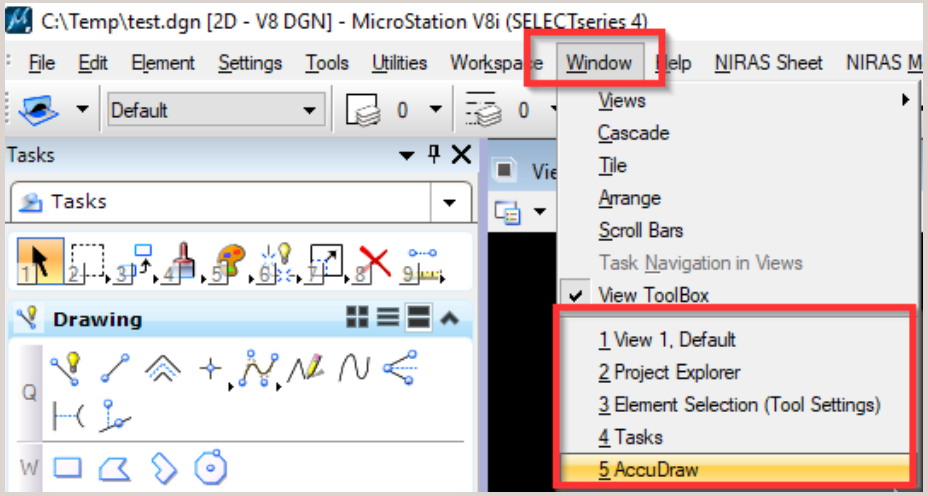
MicroStation V8i + MicroStation CONNECT Edition

- Nogle gange kan et vindue forsvinde – og hvor finder du så dialoboksen?
- Dialog focus CE





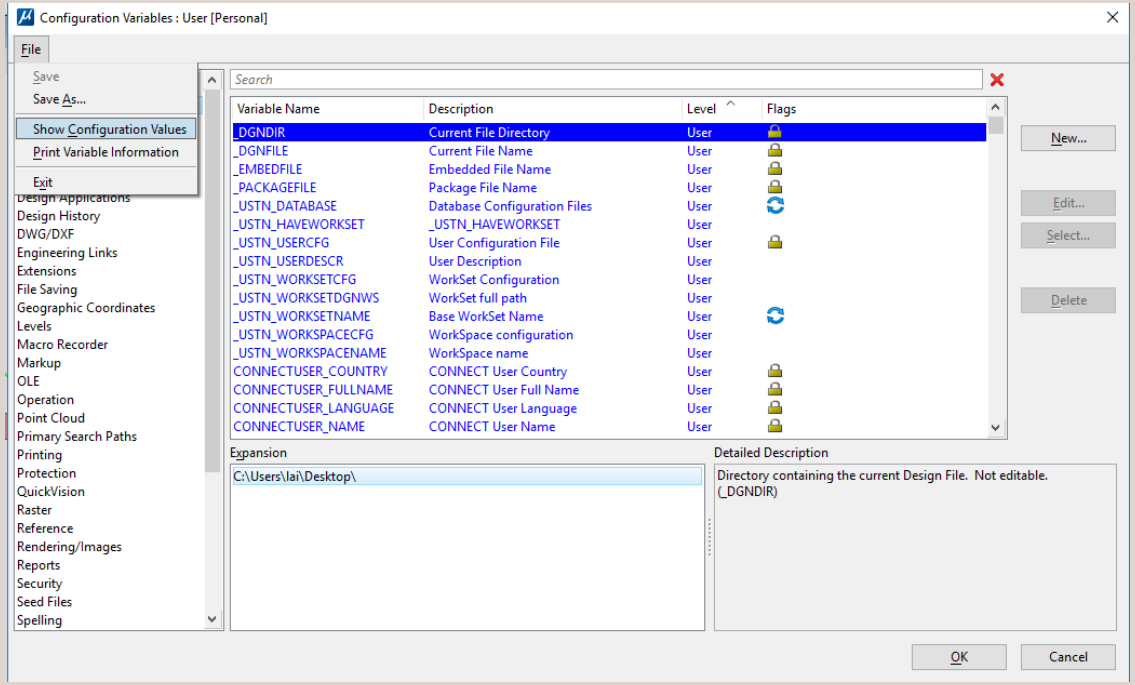
- Dialog fokus V8i

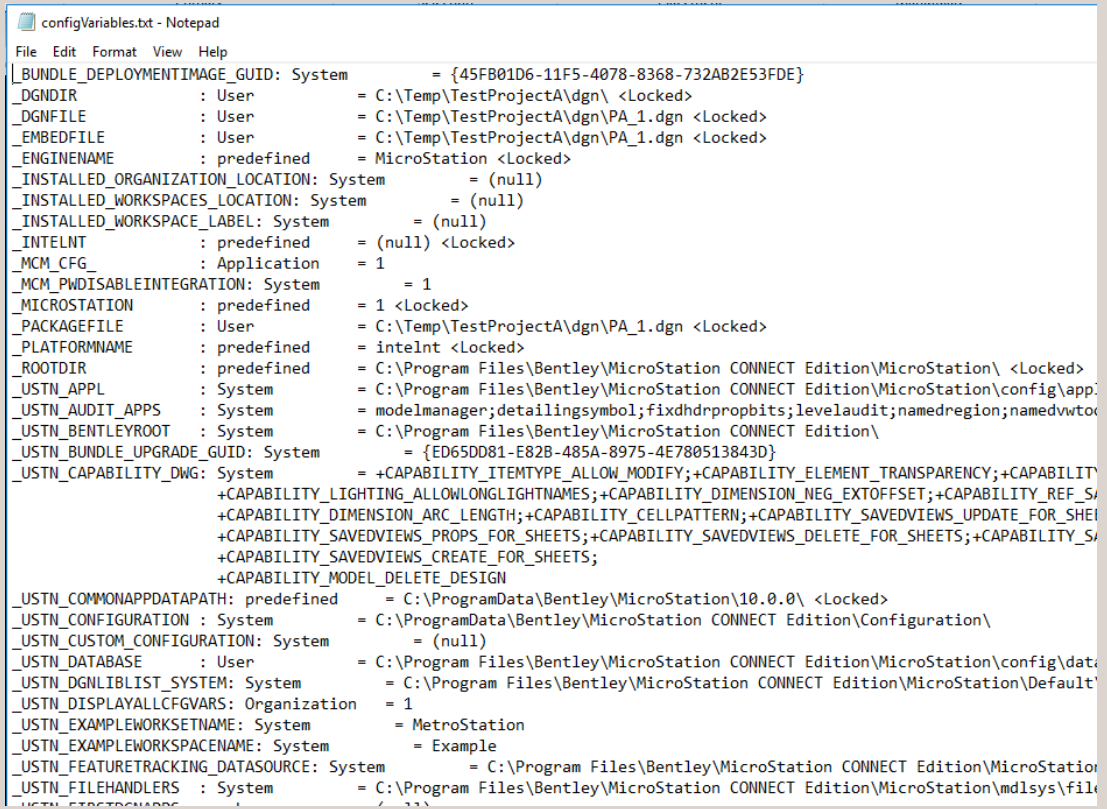


8. Configuration variables

MicroStation CONNECT Edition

- File → Show Configuration Values

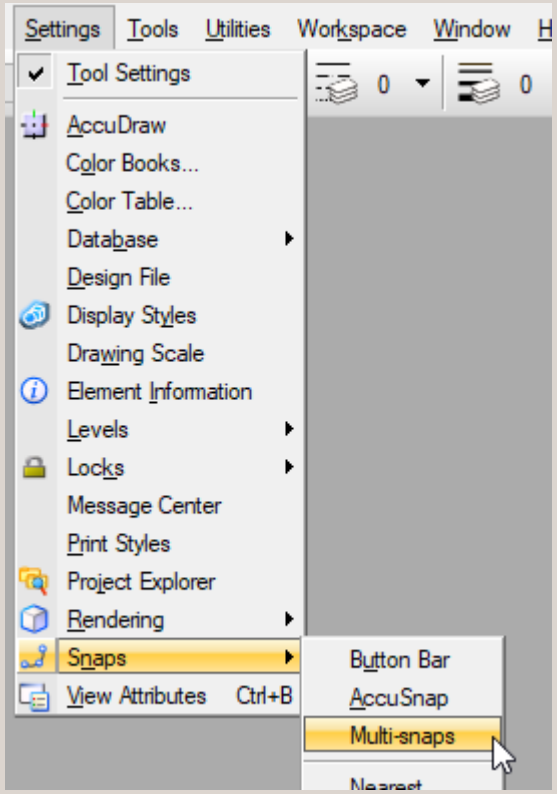


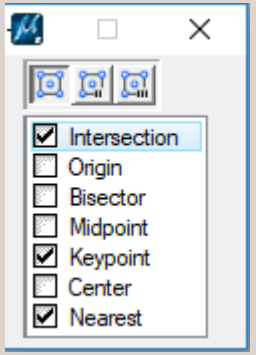


9.Multisnap settings

MicroStation V8i + MicroStation CONNECT Edition

- V8i

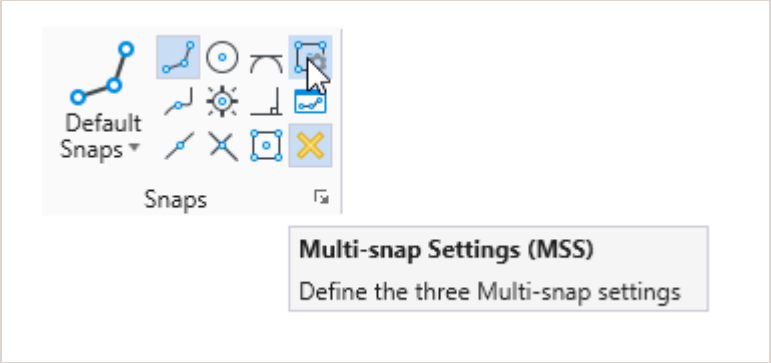


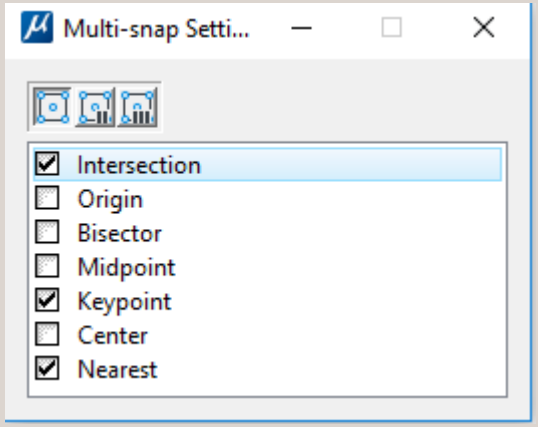


9.Multisnap settings

MicroStation V8i + MicroStation CONNECT Edition

- CE

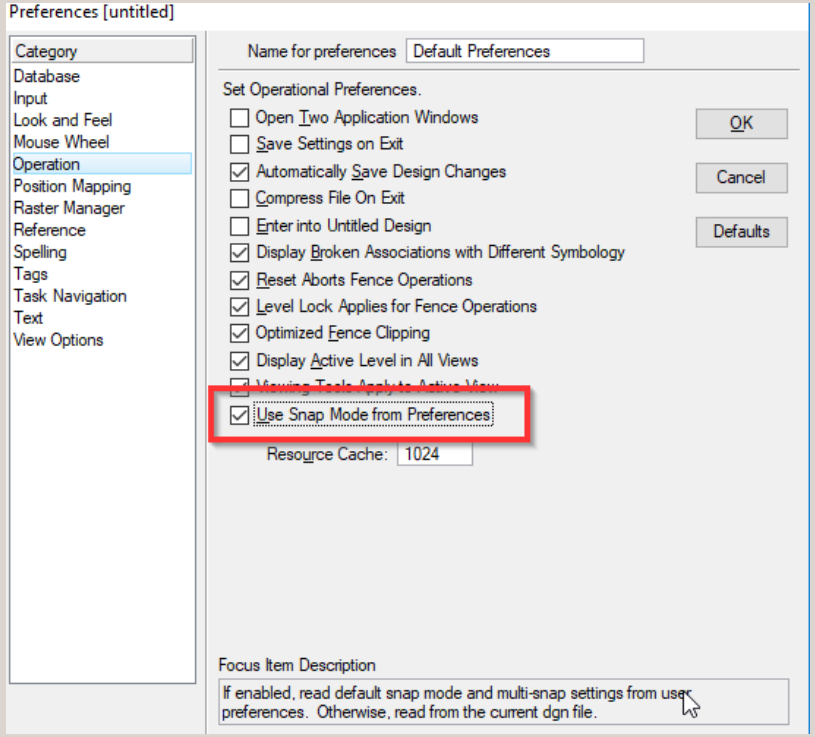


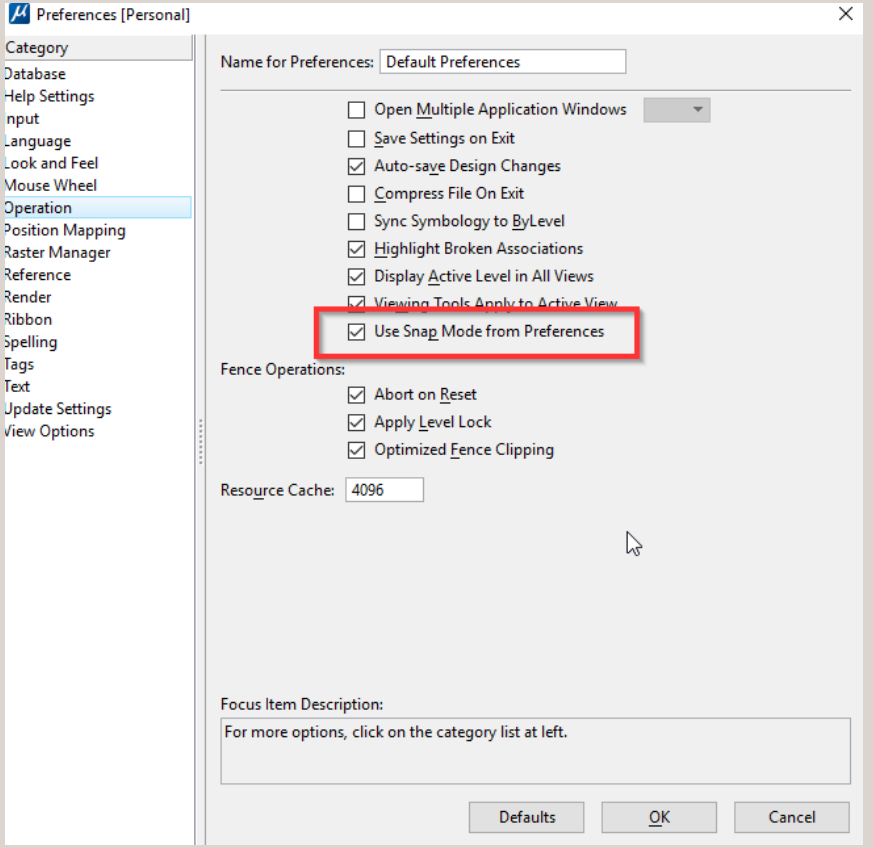


- "Shortcut": Space → J → MSS

9b. Snap settings

MicroStation V8i + MicroStation CONNECT Edition

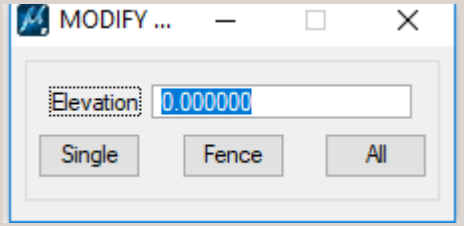




10. Z koordinaten / Flatten

MicroStation V8i + MicroStation CONNECT Edition

- V8i – ModZ



Kan downloades her:
https://communities.bentley.com/communities/other_communities/bentley_library/f/bentley-library-forum/73900/where-is-modz-ma-for-v8i

- CE – keyin:

  flatten curve xyplane

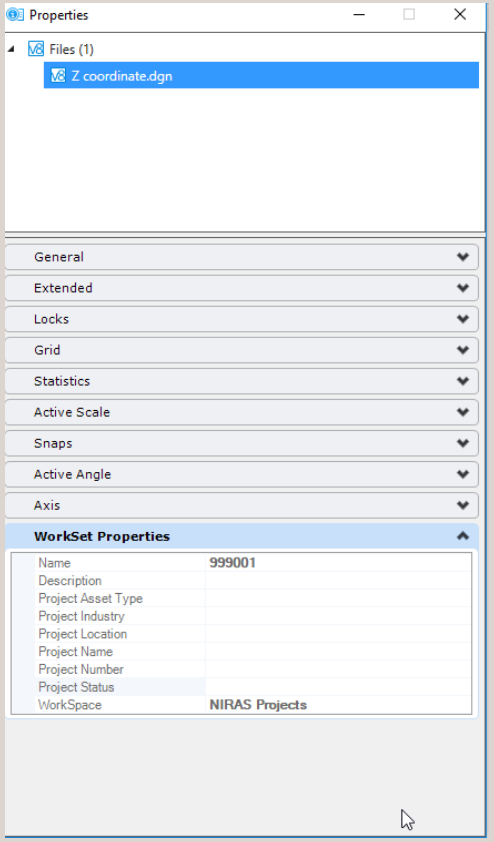
  Accepter selection set → Angiv hvilken kote (med klik)

11. Association til worksets

MicroStation CONNECT Edition

- Se hvilket workset den anvender vha.

  Properties:



- Fjern associationen mellemen bestemt fil og et workset

  Keyin: File Disassociateworkset

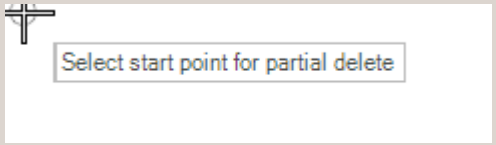
13.Cursor promts

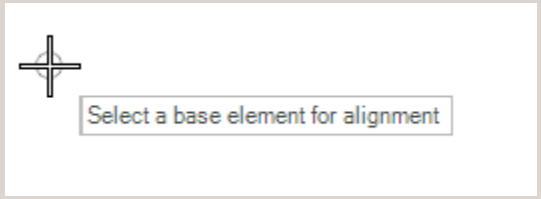
MicroStation CONNECT Edition

- Træt af at se i nederste venstre hjørne?

  Sæt denne variabel og du får besked på hvad du skal, lige der hvor du har din mus…

- MS_CURSORPROMPT = 1

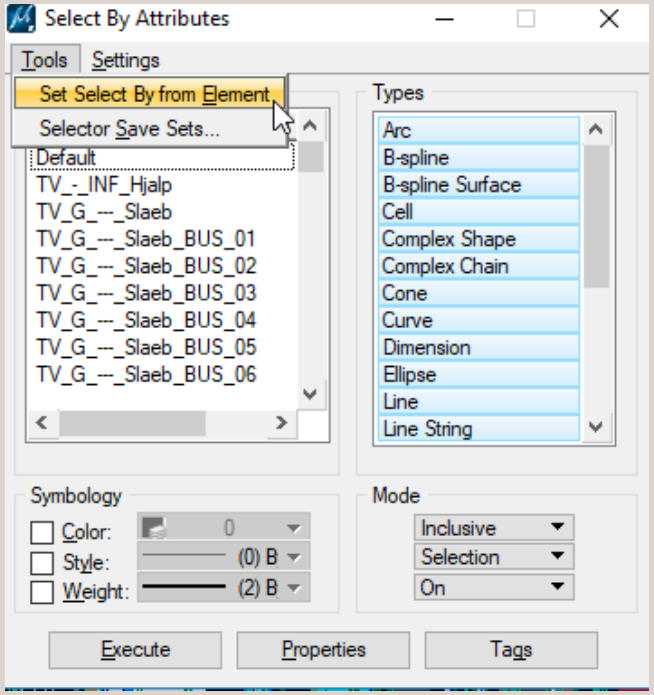


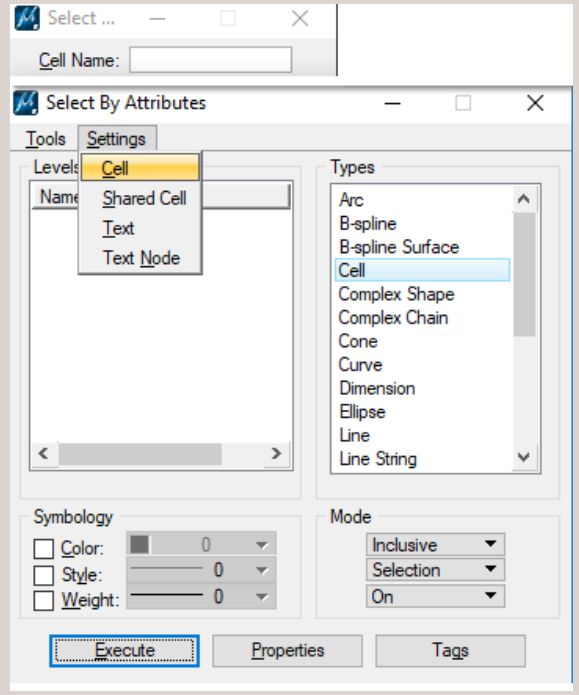


14. Count cells

MicroStation V8i

- Edit → Select By Attributes





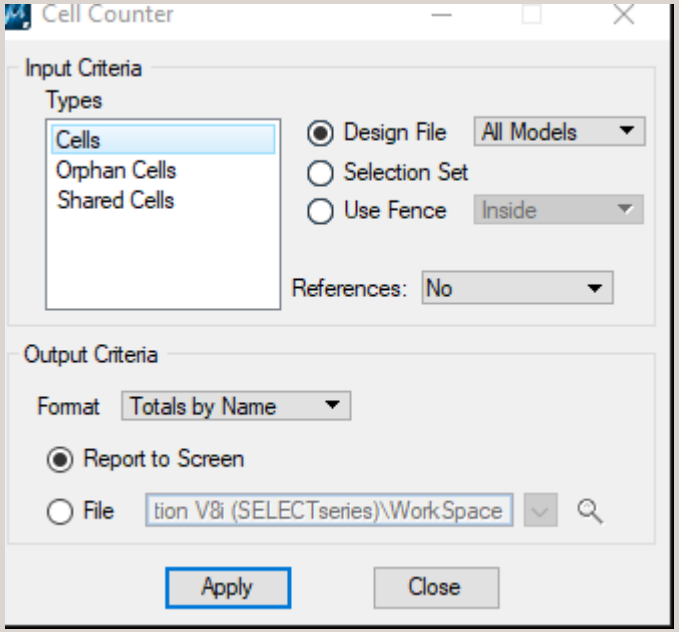
* Kan kun søge i den aktuelle model som du har åben, og ikke i referencer

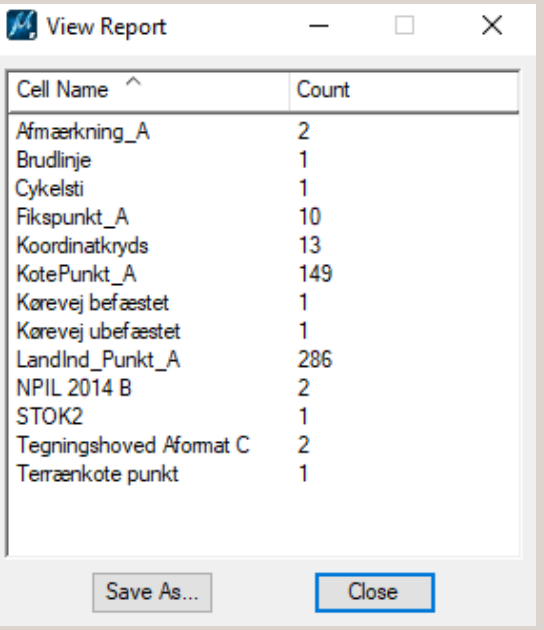
14. Count cells

MicroStation V8i

- Cellcounter.ma

  keyin: mdl load cellcounter





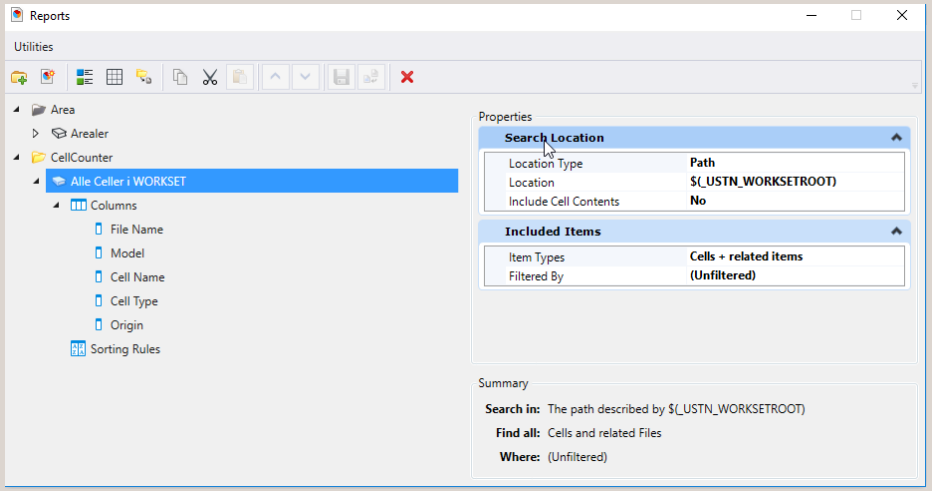
- Kan downloades her: https://communities.bentley.com/communities/other_communities/bentley_library/m/bentley_library_utilities/138933/download

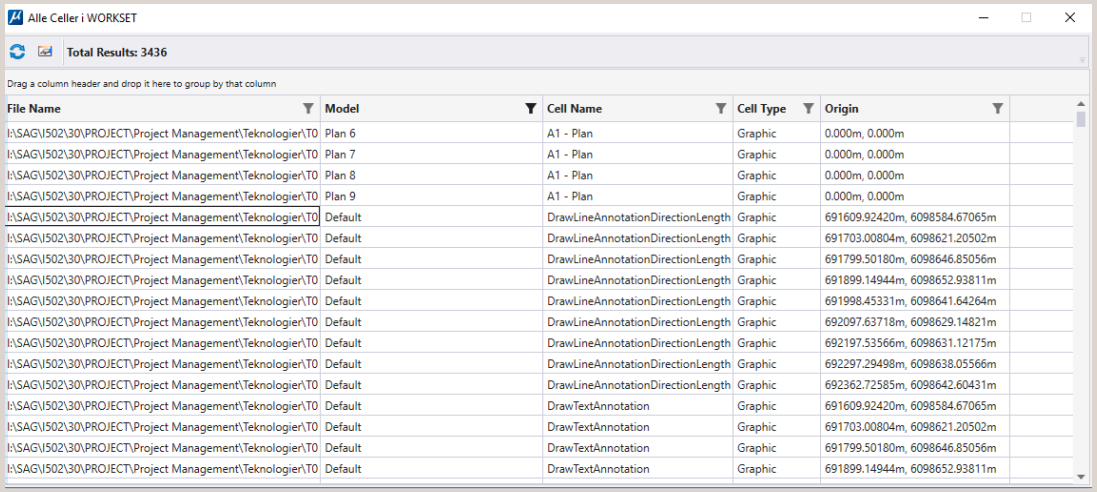
- Kan søge i den aktuelle fil/model som du har åben inkl. Referencer

14. Count cells

MicroStation CONNECT Edition

- Report tool til at liste de celler man har i et workset, på et projekt, en fil eller lign.





File Name	Model	Cell Name	Cell Type	Origin
I:\SAG\I502\30\PROJECT\Project Management\Teknologier\T0	Plan 6	A1 - Plan	Graphic	0.000m, 0.000m
I:\SAG\I502\30\PROJECT\Project Management\Teknologier\T0	Plan 7	A1 - Plan	Graphic	0.000m, 0.000m
I:\SAG\I502\30\PROJECT\Project Management\Teknologier\T0	Plan 8	A1 - Plan	Graphic	0.000m, 0.000m
I:\SAG\I502\30\PROJECT\Project Management\Teknologier\T0	Plan 9	A1 - Plan	Graphic	0.000m, 0.000m
I:\SAG\I502\30\PROJECT\Project Management\Teknologier\T0	Default	DrawLineAnnotationDirectionLength	Graphic	691609.92420m, 6098584.67065m
I:\SAG\I502\30\PROJECT\Project Management\Teknologier\T0	Default	DrawLineAnnotationDirectionLength	Graphic	691703.00804m, 6098621.20502m
I:\SAG\I502\30\PROJECT\Project Management\Teknologier\T0	Default	DrawLineAnnotationDirectionLength	Graphic	691799.50180m, 6098646.85056m
I:\SAG\I502\30\PROJECT\Project Management\Teknologier\T0	Default	DrawLineAnnotationDirectionLength	Graphic	691899.14944m, 6098652.93811m
I:\SAG\I502\30\PROJECT\Project Management\Teknologier\T0	Default	DrawLineAnnotationDirectionLength	Graphic	691998.45331m, 6098641.64264m
I:\SAG\I502\30\PROJECT\Project Management\Teknologier\T0	Default	DrawLineAnnotationDirectionLength	Graphic	692097.63718m, 6098629.14821m
I:\SAG\I502\30\PROJECT\Project Management\Teknologier\T0	Default	DrawLineAnnotationDirectionLength	Graphic	692197.53566m, 6098631.12175m
I:\SAG\I502\30\PROJECT\Project Management\Teknologier\T0	Default	DrawLineAnnotationDirectionLength	Graphic	692297.29498m, 6098638.05566m
I:\SAG\I502\30\PROJECT\Project Management\Teknologier\T0	Default	DrawLineAnnotationDirectionLength	Graphic	692362.72585m, 6098642.60431m
I:\SAG\I502\30\PROJECT\Project Management\Teknologier\T0	Default	DrawTextAnnotation	Graphic	691609.92420m, 6098584.67065m
I:\SAG\I502\30\PROJECT\Project Management\Teknologier\T0	Default	DrawTextAnnotation	Graphic	691703.00804m, 6098621.20502m
I:\SAG\I502\30\PROJECT\Project Management\Teknologier\T0	Default	DrawTextAnnotation	Graphic	691799.50180m, 6098646.85056m
I:\SAG\I502\30\PROJECT\Project Management\Teknologier\T0	Default	DrawTextAnnotation	Graphic	691899.14944m, 6098652.93811m

15. Count Cells – reports and tables

MicroStation CONNECT Edition

- Reports I CE kan placers som en table

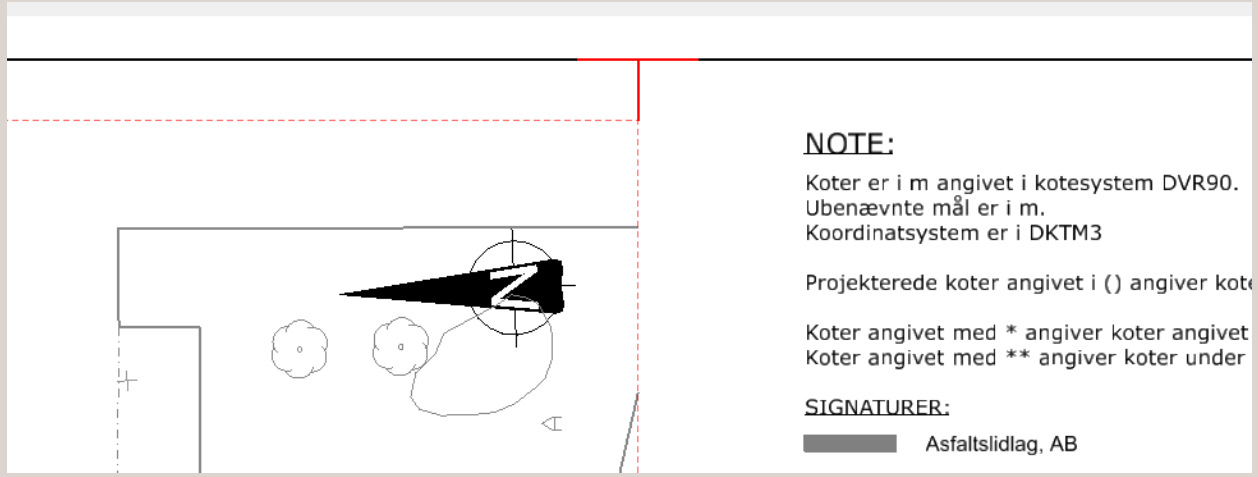
- Denne kan associeres, så når man ændrer på antallet af celler, så ændrer tabellen sig.

16. Nordpil

MicroStation V8i + MicroStation CONNECT Edition

- Skal du placer en nordpil, så den også peger mod nord?
  Også selvom dit view/sheet er roteret…

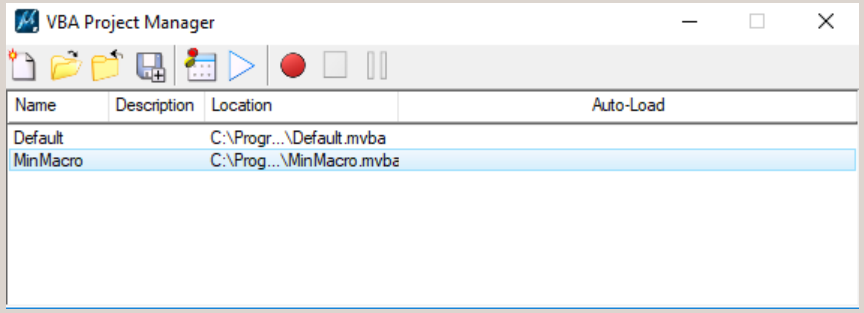
- Keyin:
  place cell absolute tmatrx

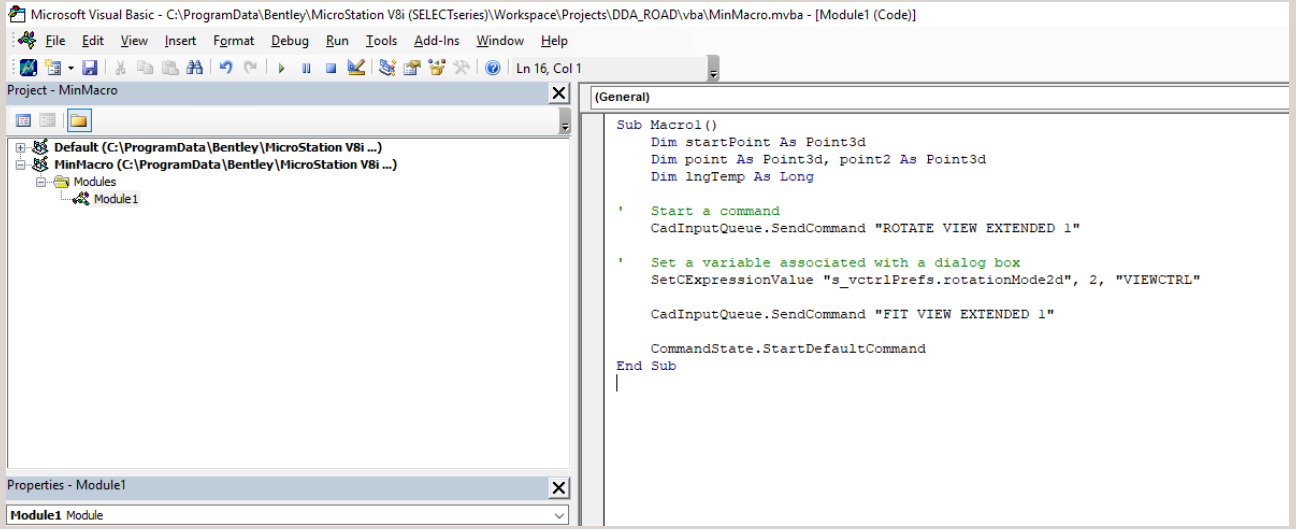


17. Optag en macro

MicroStation V8i & Connect Edition

- Skal du gøre det samme mange gange? Eller mangler du en keyin? Eller er det den made du godt kan lide at lave "knapper" på?`Eller har du bare lyst til at prøve at kode lidt..
- V8i: Utilities → Macro → Project Manager

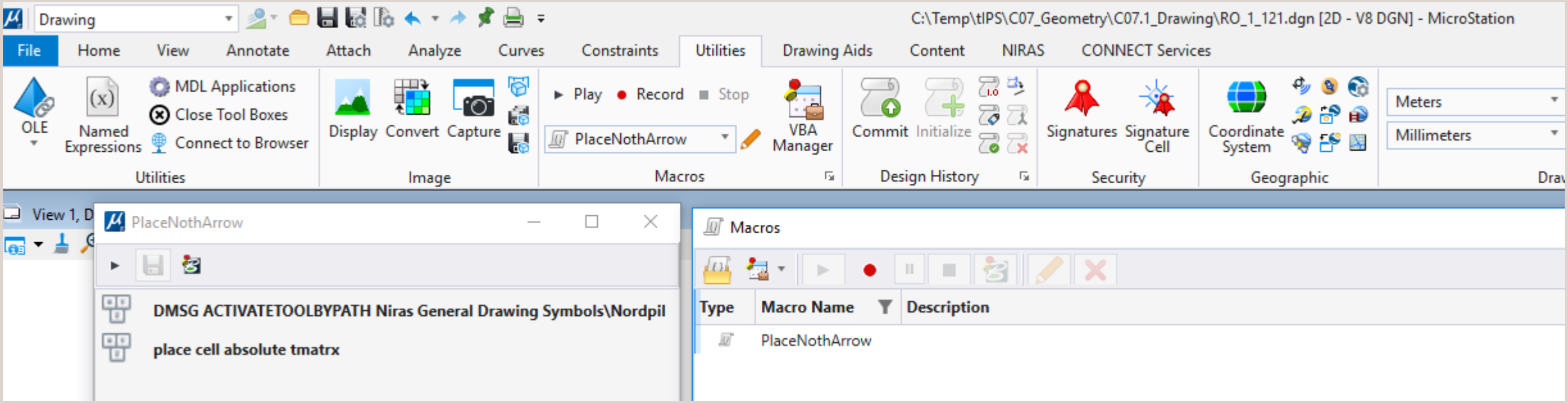




17. Optag en macro

MicroStation V8i & Connect Edition

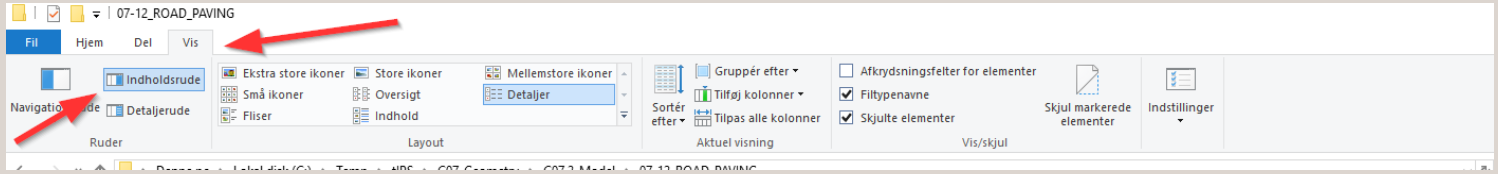
- CE: Drawing → Utilities → Macro → Record

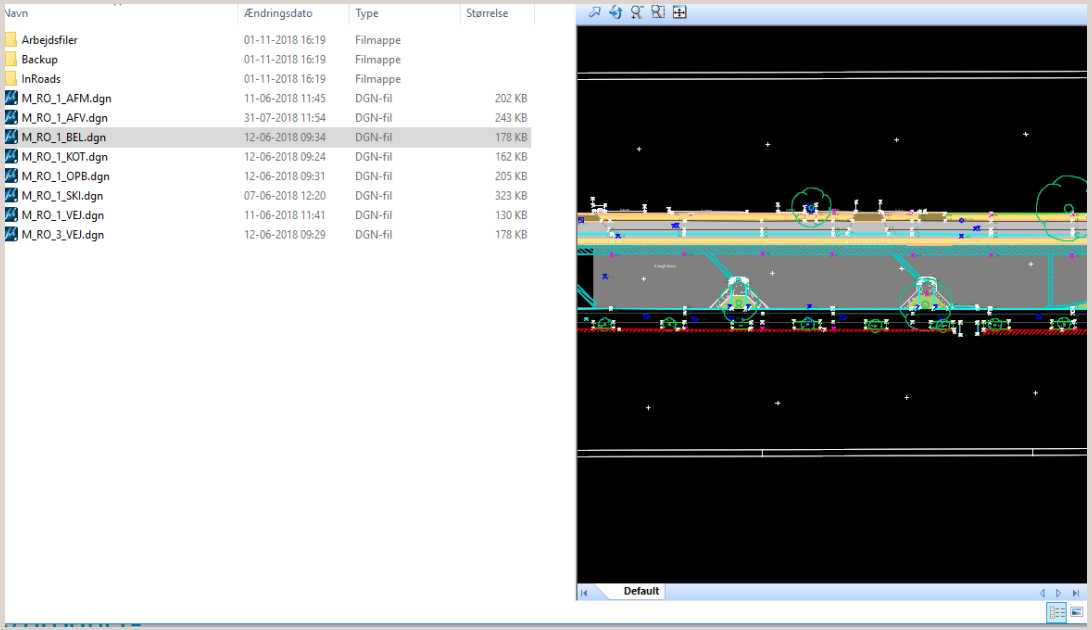


18. Preview dgn filer i file explorer

MicroStation V8i + MicroStation CONNECT Edition / Windows ☺

- Kommer med Bentley installationerne, men kan også bruges af alle andre





- Downloades her: https://www.bentley.com/en/products/product-line/modeling-and-visualization-software/bentley-dgn-reader-for-windows

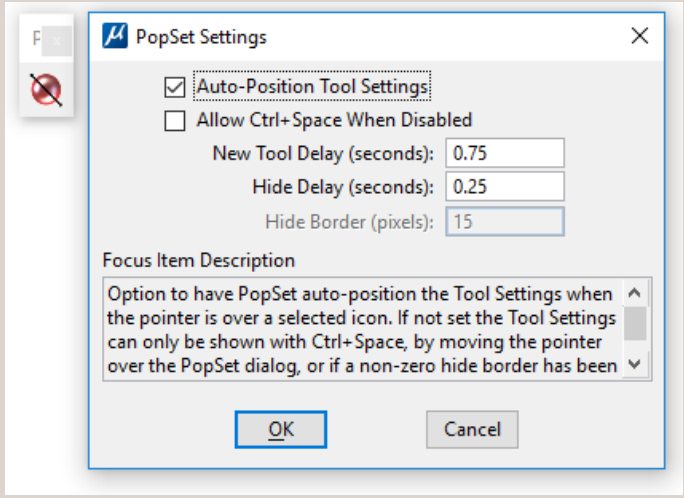
19. Focus - Popset

MicroStation V8i + MicroStation CONNECT Edition

- Brug CTRL + Space
  til at flytte dialogboksen lige under din cursor

- Find ikonet her i CE

  File → Settings → Tool Boxes
  → Popset



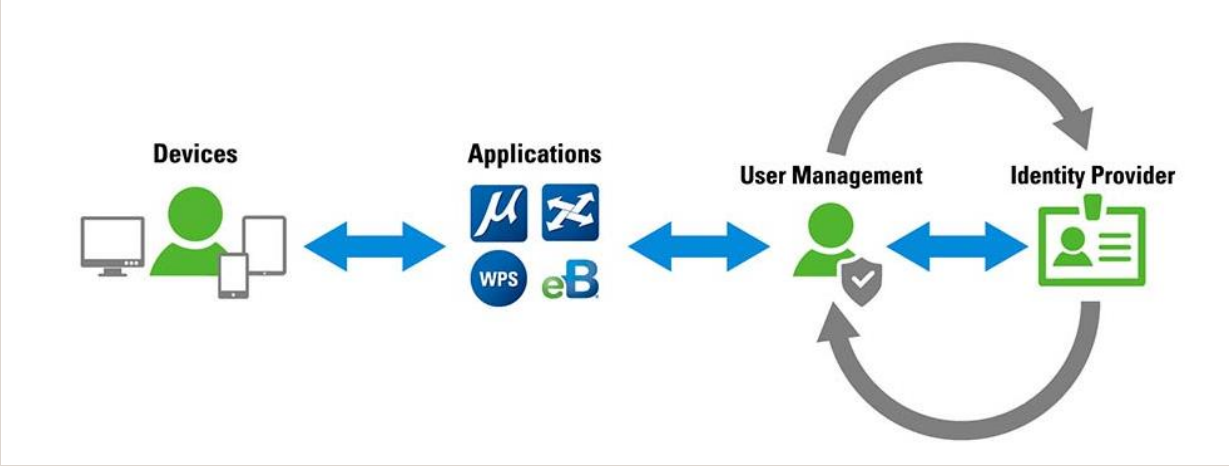
20. Connection Client/Bentley login

MicroStation V8i & Connect Edition

Glemt alt om "særlige" Bentley passwords.

Få IT til at hjælpe med at sætte en forbindelse op så windows login anvendes.
Skal gøres I samarbejde med Bentley

Læs mere her:
https://www.bentley.com/en/perspectives-and-viewpoints/topics/campaign/federation



Så er er der ikke flere tips & tricks denne gang!

Jeg håber at vi ses til MicroStation SIG møde den 31. Januar