

MagiCAD RS

Beskrivelse af DEN lokaliseringen

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ERROR! USE THE HOME TAB TO APPLY OVERSKRIFT 1;OVERSKRIFT 1.NTI TO THE TEXT THAT YOU WANT TO APPEAR HERE.

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Lokalisering DEN-MCREV-2022_b

Denne lokalisering indeholder både EL, VVS og VENTILATION og bygger oven på de tidligere lokaliseringer, der ud over beskrivelsen i dette dokument, er beskrevet i dokumentet DEN-MCREV- 2021_a.pdf

Bortset fra filformatet er lokaliseringen til Revit 2022, Revit 2021, Revit 2020 og Revit 2019 identisk med lokaliseringen til Revit 2018.

Lokalisering til MagiCAD på Revit, består ud over dette dokument af fire filer.

DEN-MCREV-2022_b_r<Revit version>.mrv (dataset)

DEN-MCREV-2022_b_r<Revit version>.rte (Revit template)

DEN-MCREV-2022_b_r<Revit version>.mcd (description fil)

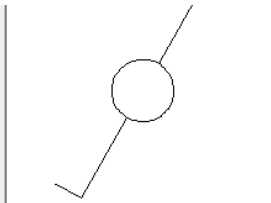
magiParameters .txt (shared parameters fil)

Herudover indeholder lokaliseringen nogle tegningshoveder, tegningsrammer og tags

ERROR! USE THE HOME TAB TO APPLY OVERSKRIFT 1;OVERSKRIFT 1.NTI TO THE TEXT THAT YOU WANT TO APPEAR HERE.

Dataset

- Alle komponenter i dataset'et der har mulighed for det, har fået opdateret symbolet så det nu er sat til Size by Scale med scale factor på 1.

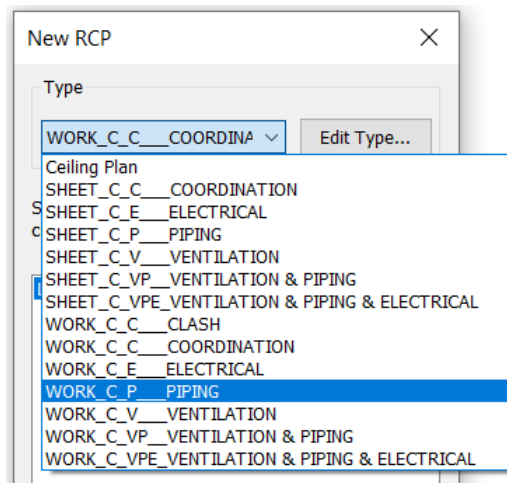
Description:	Omskifter, enpolet. Korrespondance afbryder	
Manufacturer:	Lauritz Knudsen	
Product:	2410-07	
National code:	SFA	
URL address:		
Object ID Format:	-	
Product variables		<input type="button" value="Select..."/> <input type="button" value="Update to project"/>
Pv-1:		dx2d: <input type="text" value="0.0"/> dy2d: <input type="text" value="0.0"/>
Pv-2:		<input type="checkbox"/> Adjust wire to the edge of the symbol
Pv-3:		2D RFA Creation
Pv-4:		<input checked="" type="radio"/> Size by scale <input type="radio"/> Fixed size
Pv-5:		Scale factor <input type="text" value="1.00"/>

Template

- Filteret E__INSTALLATIONSKANAL er blevet tilføjet til alle Electrical viewtemplates med følgende egenskaber BISP_DOTDASH3, RGB:0,0,255, Weight:5
- Filteret E___WIRE - Hide with checkbox er blevet tilføjet alle electrical viewtemplates.
- Signaturforklaring til el har fået tilføjet Signatur for følgende føringsveje
SIGNATURFORKLARING EL:

	ALMENFØRINGSVEJ
	GITTERBAKKE
	KABELBAKKE
	KABELSTIGE

- Der er oprettet Reflected Ceiling Plan types, tilpasset de enkelte Ceiling viewtemplates.
View -> planviews -> Reflected Ceiling Plans



- Part numbering tags på duct og duct fitting er tilføjet til template. MCDK_Duct_MC Part NumberTag og MCDK_DuctFitting_MC Part NumberTag
- Kanal og rør serier er blevet reloaded.

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Lokalisering DEN-MCREV-2022_a

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DEN-MCREV-2022_a_r<Revit version>.mrv (dataset)

DEN-MCREV-2022_a_r<Revit version>.rte (Revit template)

DEN-MCREV-2022_a_r<Revit version>.mcd (description fil)

magiParameters .txt (shared parameters fil)

Herudover indeholder lokaliseringen nogle tegningshoveder, tegningsrammer og tags

Dataset

Ventilation

- Det er nu blevet muligt at tilføje/bruge fittings med han/hun tilslutninger. Disse er blevet tilføjet til kanalsierierne. TCPMU, BKFMU, BKMU, MF og SMFU er tilføjet.
- Lindab MCU er blevet tilføjet til Distribution box kategorien.

Piping

- Produkt kategorier har fået tilføjet produkter, så der min. er et produkt i hver kategori.
- Det er blevet muligt at hente produkt specifikke rørserier ned fra MagiCAD cloud – dette er ikke gjort i template/dataset.

Template

View templates

- WORK_P_E___ELECTRICAL – har fået tilføjet værdi i filteret E_MC is inside Combination box –
- Kanal og rør serier er blevet reloaded.

ERROR! USE THE HOME TAB TO APPLY OVERSKRIFT 1;OVERSKRIFT 1.NTI TO THE TEXT THAT YOU WANT TO APPEAR HERE.

Lokalisering DEN-MCREV-2021_c

Denne lokalisering indeholder både EL, VVS og VENTILATION og bygger oven på de tidligere lokaliseringer, der ud over beskrivelsen i dette dokument, er beskrevet i dokumentet DEN-MCREV- 2021_a.pdf

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Lokalisering til MagiCAD på Revit, består ud over dette dokument af fire filer.

DEN-MCREV-2021_c_r<Revit version>.mrv (dataset)

DEN-MCREV-2021_c_r<Revit version>.rte (Revit template)

DEN-MCREV-2021_c_r<Revit version>.mcd (description fil)

magiParameters .txt (shared parameters fil)

Herudover indeholder lokaliseringen nogle tegningshoveder, tegningsrammer og tags

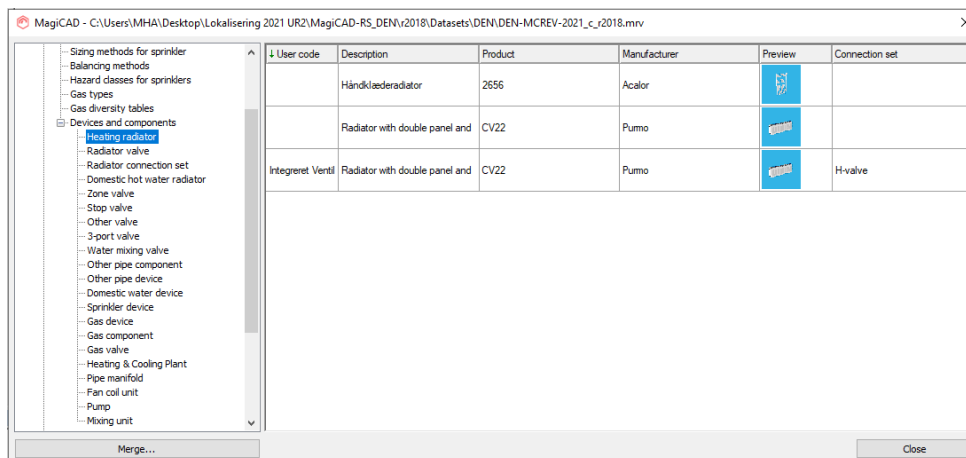
Dataset

Ventilation

- S-part og Yparts er blevet reloaded fra MagiCAD databasen – da der er kommet nye families der giver mulighed for offsets.
- Lindab kanalsierne er blevet reloaded og opdateret
- ESNU E og ESNU S er blevet opdateret og sat ind på ny.

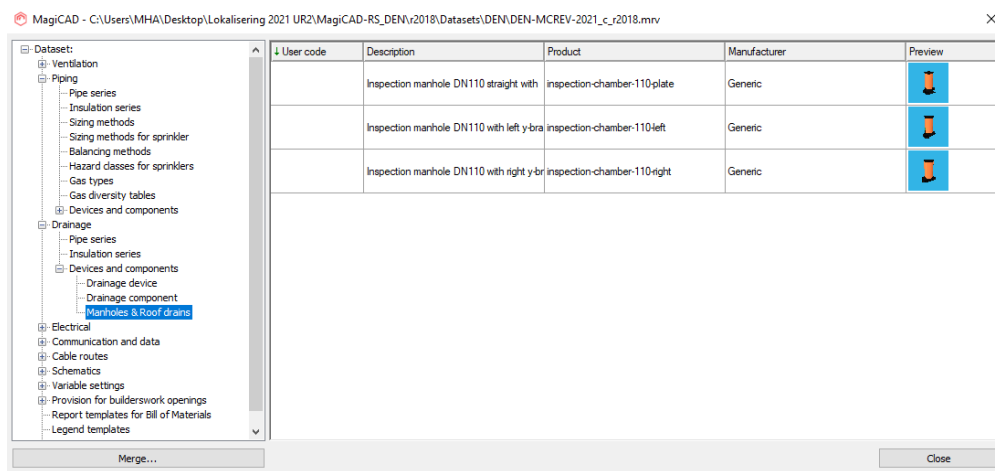
Piping

- Alle 2D symboler til tapsteder er genvalgt i dataset.
- Alle Rio radiatorer er blevet slettet og der er valgt 2 Purmo radiatorer en med integreret ventil.



- Derudover er der også tilføjet en generisk "mixing valve" samt en generisk "radiator connection set" til datasettet.
- "Manholes & Drains" har fået nye komponenter der virker når de bliver sat ind på et afløb med fald.

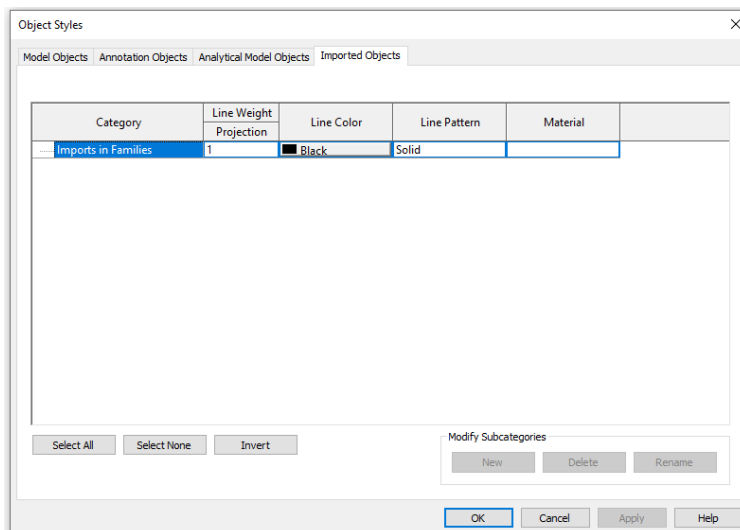
ERROR! USE THE HOME TAB TO APPLY OVERSKRIFT 1;OVERSKRIFT 1.NTI TO THE TEXT THAT YOU WANT TO APPEAR HERE.



Template

Object styles

- Object styles i template er blevet ryddet, så der ikke længere findes importerede linie typer.






















View templates

- På el siden er der blevet oprettet nye view templates både som work, sheet og section views.
 - E__ELECTRICAL – Viser alt el.
 - E__ELECTRICAL DISTRIBUTION – Viser kun tavler og føringsveje.
 - E__LIGHTING – Viser alt el minus føringsveje.

- QA___D_VP___LINKED IN SCHEMATIC – er blevet opdateret med korrekte molio farver.

Visibility/Graphic Overrides for QA___D_VP___LINKED IN SCHEMATIC ×

Model Categories Annotation Categories Imported Categories Filters

Name	Visibility	Projection/Surface			Cut		Halftone
		Lines	Patterns	Transparency	Lines	Patterns	
VPE_Is Linked In Schematic	<input checked="" type="checkbox"/>						<input type="checkbox"/>
Detail Item BRUGSVAND, KOLDT	<input checked="" type="checkbox"/>						<input type="checkbox"/>
Detail Item GULVVARME, FREM	<input checked="" type="checkbox"/>						<input type="checkbox"/>
Detail Item GULVVARME, RETUR	<input checked="" type="checkbox"/>						<input type="checkbox"/>
Detail Item SPRINKLERANLÆG	<input checked="" type="checkbox"/>						<input type="checkbox"/>
Detail Item VARME, FREM	<input checked="" type="checkbox"/>						<input type="checkbox"/>
Detail Item VARME, RETUR	<input checked="" type="checkbox"/>						<input type="checkbox"/>
Detail Item KØLING, FREM	<input checked="" type="checkbox"/>						<input type="checkbox"/>
Detail Item KØLING, RETUR	<input checked="" type="checkbox"/>						<input type="checkbox"/>
Detail Item VARME, FREM, PRIMÆR	<input checked="" type="checkbox"/>						<input type="checkbox"/>
Detail Item VARME, RETUR, PRIMÆR	<input checked="" type="checkbox"/>						<input type="checkbox"/>
Detail Item VARME, FREM, SEKUND...	<input checked="" type="checkbox"/>						<input type="checkbox"/>
Detail Item VARME, RETUR, SEKUN...	<input checked="" type="checkbox"/>						<input type="checkbox"/>
Detail Item BRUGSVAND, VARMT	<input checked="" type="checkbox"/>						<input type="checkbox"/>
Detail Item BRUGSVAND, CIRKULAT...	<input checked="" type="checkbox"/>						<input type="checkbox"/>
Detail Item VENTILATION, INDBLÆS...	<input checked="" type="checkbox"/>						<input type="checkbox"/>
Detail Item VENTILATION, UDSUGN...	<input checked="" type="checkbox"/>						<input type="checkbox"/>
Detail Item VENTILATION, INDTAG	<input checked="" type="checkbox"/>						<input type="checkbox"/>
Detail Item VENTILATION, AFKAST	<input checked="" type="checkbox"/>						<input type="checkbox"/>

ERROR! USE THE HOME TAB TO APPLY OVERSKRIFT 1;OVERSKRIFT 1.NTI TO THE TEXT THAT YOU WANT TO APPEAR HERE.

Lokalisering DEN-MCREV-2021_b

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magiParameters .txt (shared parameters fil)

Herudover indeholder lokaliseringen nogle tegningshoveder, tegningsrammer og tags

Dataset

Ventilation

- Flow kan nu anvendes ved dimensionering. Angiv max flow per kanaldimension via Sizing Method

D-max [mm]	v-max [m/s]	dp-max [Pa/m]	Flow [m³/h]
160	4,000	99,0	289,5
315	5,000	99,0	1402,8
630	6,000	99,0	6733,2
9999	8,000	99,0	2261494,3

- Kanalserierne Lindab SR og Lindab SR Standard. Påstik "TSTCU Bevelled" er udskiftet med "TSTCU Small Roundings". Kanalserierne er opdateret i Revit project template "DEN-MCREV-2021_b_r<Revit version>.rte

ERROR! USE THE HOME TAB TO APPLY OVERSKRIFT 1;OVERSKRIFT 1.NTI TO THE TEXT THAT YOU WANT TO APPEAR HERE.

Piping

- Beregningsstandard kan nu defineres specifikt for hver enkelt rørserie.

Calculation settings for hydronic systems
By selecting the calculation standard and the pipe material the Zeta values for the pipe series will be defined

Calculation standard: **Default**
Material: **Metal**

Size	Din	Dout	Valve size	Zone valve size
10	12.4	17.1	10	10
15	16.0	21.3	15	15
20	21.6	26.9	20	20
25	27.2	33.7	25	25
32	37.2	42.4	32	32
40	41.8	48.3	40	40
50	53.0	60.3	50	50
65	68.8	76.1	65	65
80	80.8	88.9	80	80
100	105.3	114.3	100	100
125	130.0	139.7	125	125
150	155.4	165.1	150	150

- Flow kan nu anvendes ved dimensionering. Angiv max flow per rørdimension via Sizing Method

ID: 000003
Name: 90-30 Pa/m
Description: Max. tryktab 90 - 30 Pa/m, faldende

D-max [mm]	v-max [m/s]	dp-max [Pa...]	Flow [l/s]
15	99,000	90,0	17,5
20	99,000	80,0	31,1
25	99,000	70,0	48,6
32	99,000	65,0	79,6
40	99,000	60,0	124,4
65	99,000	50,0	328,5
80	99,000	45,0	497,6
100	99,000	45,0	777,5

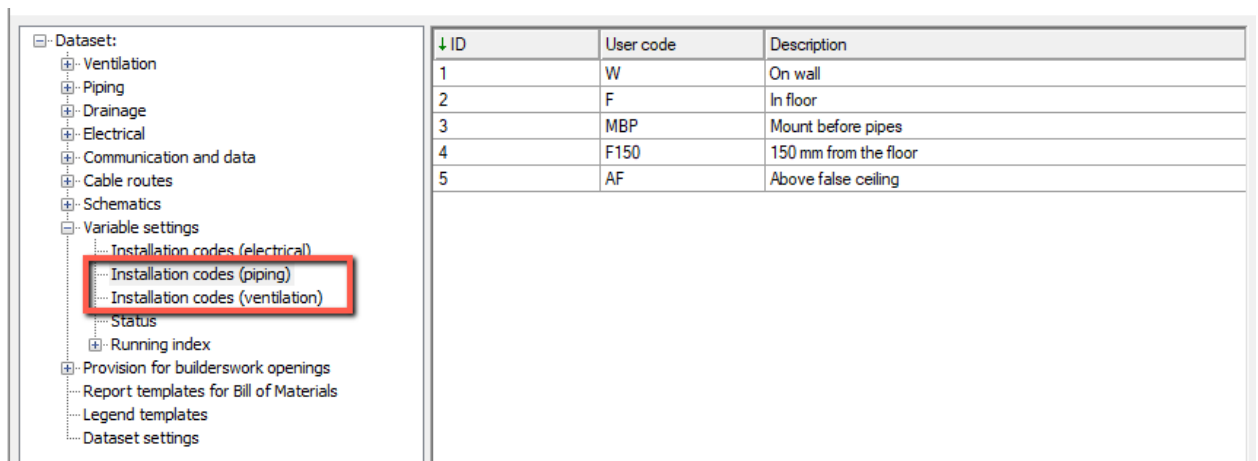
- Bedre understøttelse for pumper med variabel hastighed og multi-hastighed. Tilføjet to eksempel-pumper til datasettet.

Schematics

- Opret præ-definerede symbol-samlinger ("Symbol assemblies") og gem dem i datasettet. Samlingen kan bestå af både symboler og Revit detail items som linjer, cirkler osv (splines understøttes ikke). En Symbol Assembly oprettes og gemmes i datasettet ved at placere symboler i et view, markere dem og vælge Create Assembly fra MagiCAD Schematics fanebladet. En Symbol Assembly kunne f.eks. være en blandesløjfe.

Variable settings

- Installation codes kan nu, som tidligere kun muligt for el, tilføjes både piping og ventilation, og anvendes på rør/kanaler, fittings, armaturer, elementer osv.



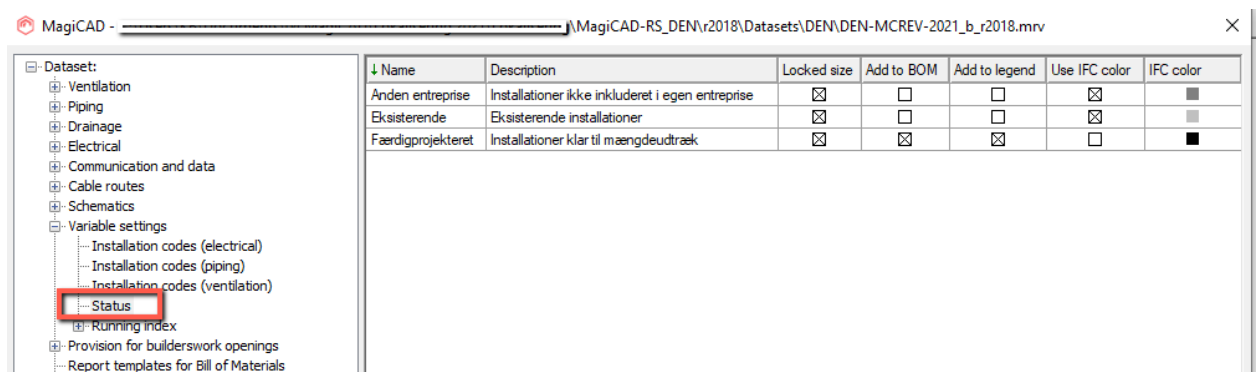
ID	User code	Description
1	W	On wall
2	F	In floor
3	MBP	Mount before pipes
4	F150	150 mm from the floor
5	AF	Above false ceiling

- Status kan anvendes til, på instance-niveau, at angive f.eks. om et element er eksisterende, foreløbig, uafklaret, egen eller anden entreprise osv.

For hver Status angives Name, Description, Locked Size (yes/no), Add to BOM (yes/no), Add to legend (yes/no), Use IFC color (yes/no), samt IFC color.

Status vælges på objektet via instance parameteret "MC Object Status".

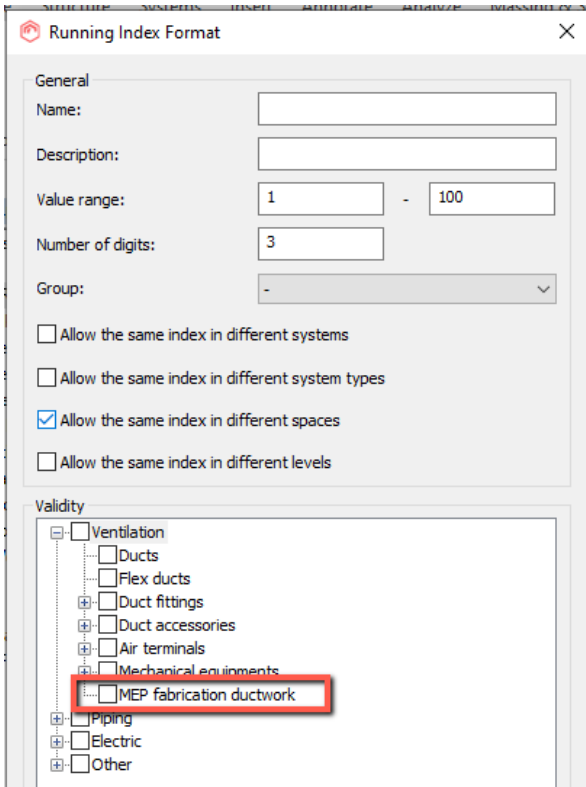
Nedenstående eksempler er inkluderet i dataset og template i den danske lokalisering. Status overføres fra dataset til projekt via Design Data.



Name	Description	Locked size	Add to BOM	Add to legend	Use IFC color	IFC color
Anden entreprise	Installationer ikke inkluderet i egen entreprise	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	■
Eksisterende	Eksisterende installationer	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	■
Færdigprojekteret	Installationer klar til mængdeudtræk	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	■

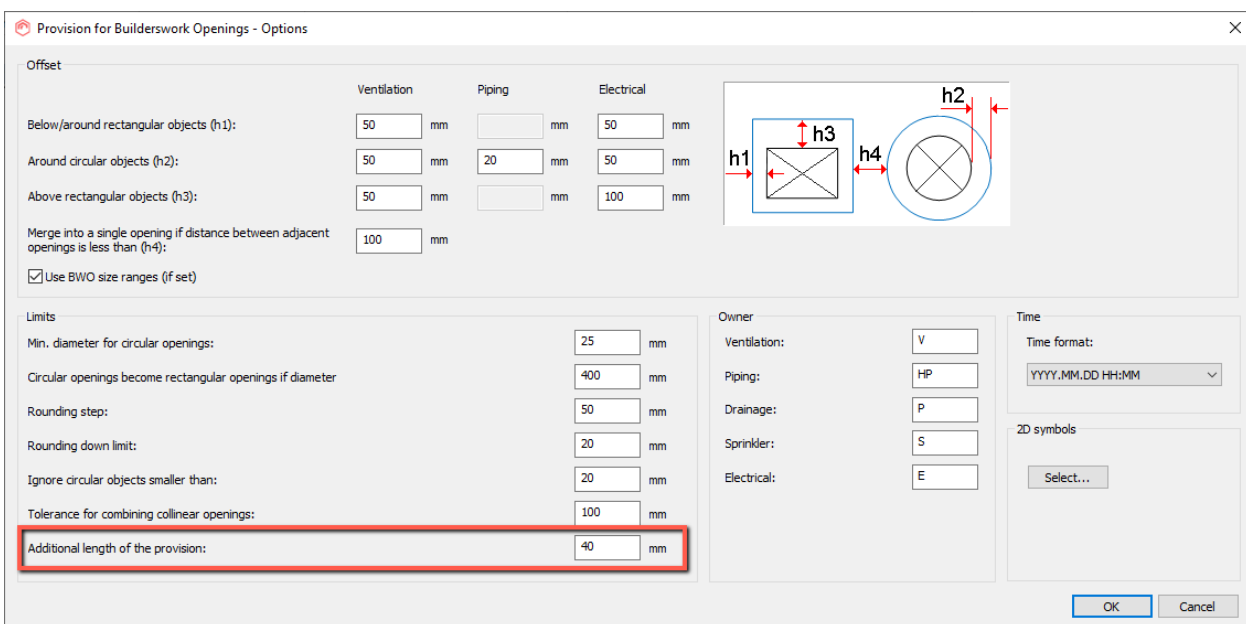
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- Running index format understøtter nu MEP fabrication parts



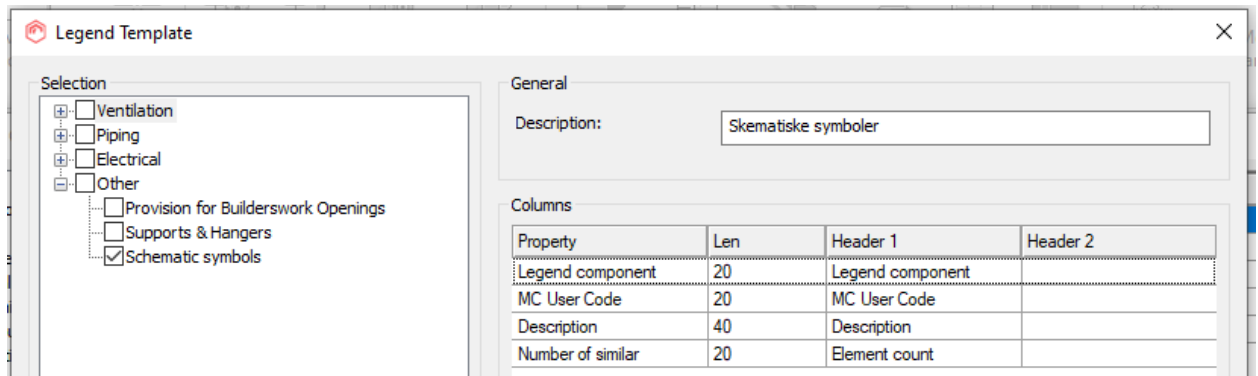
Provision for builderswork openings

- Mulighed for at styre hvor stor en del af provision-elementet, der skal stikke ud fra væg- eller dækoverflader. Afstanden styres vha. parameteret "Additional length of the provision"



Legend template for Schematic Symbols

- Legend templates omfatter nu også Schematic Symbols. Nedenstående eksempel er tilføjet datasettet i den danske lokalisering



Template

Ændringer i shared parameters fil

- MagiCAD 2021 UR-1 indeholder følgende ændringer i magiParameters.txt:

GUID	Parameter name	Group
30507a38-59bf-4e66-9ce0-718d046d2f1e	MC Copy Wire Type from Circuit	5
f0cb2d83-07c9-4de6-afbb-98b9abab529e	MC Design Sensible Cooling Load	1
402f4210-cb8a-4bb7-860e-1eabd99e5fa2	MC Design Supply Air Temperature	1
4c8bf974-566d-4b33-8718-64d84ef35ea9	MC Design Temperature Cooling	1
bae3dce1-3398-437d-b5a9-1dfdeff446ae	MC Design Temperature Heating	1
8ef7ce10-01a3-46b4-9fe0-53a3023598e7	MC Fire Rating	1
fc9fd78c-9cc3-418e-925f-9d2754f7b017	MC Not in Use	5
1c5ed3cc-b988-4f4e-b64b-e7c5a4bfe18e	MC Object Status	1
6509b509-cc20-4bb2-8526-c82d9f39a03c	MC Part Number	1
c8e3fe63-3809-40d3-b395-1ffed49959d1	MC Piping Diversified Flow	1
8f1b2b2a-480b-4b7c-8c80-f1b024900108	MC Provision Type	1
874a24dc-6b3f-46d8-a349-38e70cd70a60	MC Provision Host	1

Ventilation

- Kanalserierne "Lindab SR" og "Lindab SR Standard" er opdateret som beskrevet under afsnittet "Dataset"
- Parameteret "MC Ventilation LpA 10 sab" er slettet

ERROR! USE THE HOME TAB TO APPLY OVERSKRIFT 1;OVERSKRIFT 1.NTI TO THE TEXT THAT YOU WANT TO APPEAR HERE.

Heating

- View template "QA___3_P__MC PIPING VELOCITY" er omdøbt til "QA___3_P__HEATING MC VELOCITY"
- View template "QA___P_P__MC PIPING VELOCITY" er omdøbt til "QA___P_P__HEATING MC VELOCITY". Filtre er opdateret

Visibility/Graphic Overrides for QA___P_P__HEATING MC VELOCITY

Model Categories		Annotation Categories		Analytical Model Categories		Imported Categories		Filters	
Name					Visibility				
Sections/Elev/Cal (VIEW-USE not 4_QUALITY ASSURANCE)					<input type="checkbox"/>				
Sections/Elev/Cal (SUB-DICIPLINE not P__HEATING VELOCITY)					<input type="checkbox"/>				
VP__Mechanical Equipment (Radiatorer)					<input type="checkbox"/>				
P__SV - AFLØB, SPILDEVAND (System Abbreviation)					<input type="checkbox"/>				
P__KF - KØLING, FREM (System Abbreviation)					<input type="checkbox"/>				
P__KR - KØLING, RETUR (System Abbreviation)					<input type="checkbox"/>				
P__SPR - SPRINKLERANLÆG, RØR (System Abbreviation)					<input type="checkbox"/>				
P__TV - AFLØB, TAG-(REGN)VAND - (System Abbreviation)					<input type="checkbox"/>				
P__BC - BRUGSVAND (#1), CIRKULATION (System Abbreviation)					<input type="checkbox"/>				
P__BK - BRUGSVAND (#1), KOLDT (System Abbreviation)					<input type="checkbox"/>				
P__BV - BRUGSVAND (#1), VARMT (System Abbreviation)					<input type="checkbox"/>				
P__DV - DRÆN(VAND) (System Abbreviation)					<input type="checkbox"/>				

- View template "QA___3_P__MC PIPING dp/m" er omdøbt til "QA___3_P__MC HEATING dp/m". Filtre er opdateret

Visibility/Graphic Overrides for QA___3_P__MC HEATING dp/m

Model Categories		Annotation Categories		Analytical Model Categories		Imported Categories		Filters	
Name	Visibility	Projection/Surface							
		Lines	Patterns	Trans					
VP__Mechanical Equipment (Radiatorer)	<input checked="" type="checkbox"/>								
VP__Mechanical Equipment (SystemClassification Air)	<input type="checkbox"/>								
VP__Mechanical Equipment (MC Void Provision)	<input type="checkbox"/>								
P__KF - KØLING, FREM (System Abbreviation)	<input type="checkbox"/>								
P__KR - KØLING, RETUR (System Abbreviation)	<input type="checkbox"/>								
P__SPR - SPRINKLERANLÆG, RØR (System Abbreviation)	<input type="checkbox"/>								
P__BC - BRUGSVAND (#1), CIRKULATION (System Abbr...	<input type="checkbox"/>								
P__BK - BRUGSVAND (#1), KOLDT (System Abbreviation)	<input type="checkbox"/>								
P__BV - BRUGSVAND (#1), VARMT (System Abbreviation)	<input type="checkbox"/>								
P__Sanitary (System Classification)	<input type="checkbox"/>								
P__Pipework MC Piping dp/m mindre end 0,050 kPa	<input checked="" type="checkbox"/>								
P__Pipework MC Piping dp/m større end 0,100 kPa	<input checked="" type="checkbox"/>								
P__Pipework MC Piping dp/m større end 0,050 kPa og ...	<input checked="" type="checkbox"/>								

- View template "QA___P_P_MC PIPING dp/m" er omdøbt til "QA___P_P_MC HEATING dp/m". Filtre er opdateret

Visibility/Graphic Overrides for QA___P_P_MC HEATING dp/m

Model Categories Annotation Categories Analytical Model Categories Imported Categories Filters

Name	Visibility	Projection/Surface		
		Lines	Patterns	T
Sections/Elev/Cal (VIEW-USE not 4_QUALITY ASSURAN...	<input type="checkbox"/>			
Sections/Elev/Cal (SUB-DICIPLINE not P__HEATING FRI...	<input type="checkbox"/>			
P__SV - AFLØB, SPILDEVAND (System Abbreviation)	<input type="checkbox"/>			
P__TV - AFLØB, TAG-(REGN)VAND - (System Abbreviat...	<input type="checkbox"/>			
P__BC - BRUGSVAND (#1), CIRKULATION (System Abbr...	<input type="checkbox"/>			
P__BK - BRUGSVAND (#1), KOLDT (System Abbreviation)	<input type="checkbox"/>			
P__BV - BRUGSVAND (#1), VARMT (System Abbreviatio...	<input type="checkbox"/>			
P__KF - KØLING, FREM (System Abbreviation)	<input type="checkbox"/>			
P__KR - KØLING, RETUR (System Abbreviation)	<input type="checkbox"/>			
P__SPR - SPRINKLERANLÆG, RØR (System Abbreviation)	<input type="checkbox"/>			
P__Sanitary (System Classification)	<input type="checkbox"/>			
VP__Mechanical Equipment (Radiatorer)	<input checked="" type="checkbox"/>			

Electrical

- Wire type management. Via kolonnen "In use" er det nu muligt at definere hvilke ledningstyper der skal være tilgængelige ved tegning af ledninger ("Wires"). I templateen for den danske lokaliserings, er alle typer valgt på forhånd.

Wire Type Management

General

Type name

	In use	Name	Conductor Materials	Conductor Arrangements	Weight [kg/m]	Diameter / Width [mm]	Height [mm] (if needed)	Number of phases	Number of neutrals	Number of PEs
1	<input checked="" type="checkbox"/>	THHW_Cu	Ph: Copper PE: Copper	Live: Multi-core PE: PE Included	0	0	0	0	0	0
2	<input checked="" type="checkbox"/>	XHHW_Cu	Ph: Copper PE: Copper	Live: Multi-core PE: PE Included	0	0	0	0	0	0
3	<input checked="" type="checkbox"/>	THHW_AI	Ph: Copper PE: Copper	Live: Multi-core PE: PE Included	0	0	0	0	0	0
4	<input checked="" type="checkbox"/>	XHHW_AI	Ph: Copper PE: Copper	Live: Multi-core PE: PE Included	0	0	0	0	0	0
5	<input checked="" type="checkbox"/>	MMJ 3x1,5S	Ph: Copper PE: Copper	Live: Multi-core PE: PE Included	0,12	8,80	8,80	1	1	1
6	<input checked="" type="checkbox"/>	MMJ 5x1,5S	Ph: Copper PE: Copper	Live: Multi-core PE: PE Included	0,18	11,00	11,00	3	1	1

Show calculation columns

Open electrical settings... OK Cancel

ERROR! USE THE HOME TAB TO APPLY OVERSKRIFT 1;OVERSKRIFT 1.NTI TO THE TEXT THAT YOU WANT TO APPEAR HERE.

Schematic

- Ny view template "QA____3_P__HEATING LINKED IN SCHEMATIC"

Ny view template "QA____D_VP__LINKED IN SCHEMATIC"

Lokalisering DEN-MCREV-2021_a

Denne lokalisering indeholder både EL, VVS og VENTILATION og bygger oven på de tidligere lokaliseringer, der ud over beskrivelsen i dette dokument, er beskrevet i dokumenterne DEN-MCREV-E-2019_c.pdf og DEN-MCREV-MP-2019_c.pdf

Bortset fra filformatet er lokaliseringen til Revit 2021, Revit 2020 og Revit 2019 identisk med lokaliseringen til Revit 2018.

MP lokalisering til MagiCAD på Revit 2018, består ud over dette dokument af fire filer.

- DEN-MCREV-2021_a_r2018.mrv (dataset)**
- DEN-MCREV-2021_a_r2018.rte (Revit template)**
- DEN-MCREV-2021_car2018.mcd (description fil)**
- NTItools_DK_MEP_Shared parameters .txt**

MP lokalisering til MagiCAD på Revit 2019, består ud over dette dokument af fire filer.

- DEN-MCREV-2021_a_r2019.mrv (dataset)**
- DEN-MCREV-2021_a_r2019.rte (Revit template)**
- DEN-MCREV-2021_a_r2019.mcd (description fil)**
- NTItools_DK_MEP_Shared parameters .txt**

MP lokalisering til MagiCAD på Revit 2020, består ud over dette dokument af fire filer.

- DEN-MCREV-2021_a_r2020.mrv (dataset)**
- DEN-MCREV-2021_a_r2020.rte (Revit template)**
- DEN-MCREV-2021_a_r2020.mcd (description fil)**
- NTItools_DK_MEP_Shared parameters .txt**

MP lokalisering til MagiCAD på Revit 2021, består ud over dette dokument af fire filer.

- DEN-MCREV-2021_a_r2021.mrv (dataset)**
- DEN-MCREV-2021_a_r2021.rte (Revit template)**
- DEN-MCREV-2021_a_r2021.mcd (description fil)**
- NTItools_DK_MEP_Shared parameters .txt**

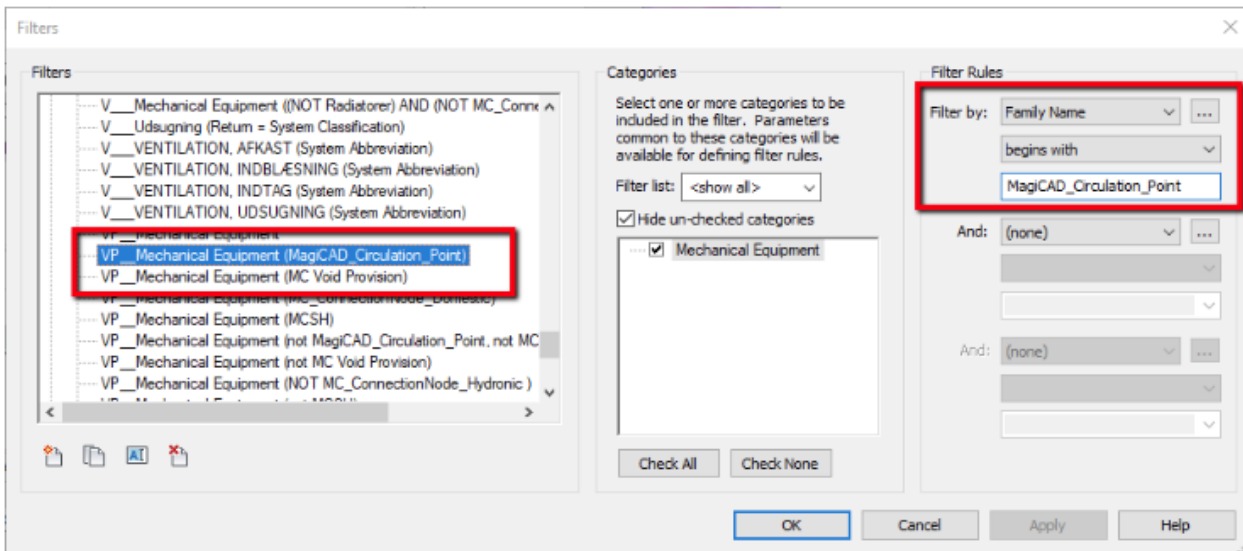
Herudover indeholder lokaliseringen nogle tegningshoveder, tegningsrammer og tags

ERROR! USE THE HOME TAB TO APPLY OVERSKRIFT 1;OVERSKRIFT 1.NTI TO THE TEXT THAT YOU WANT TO APPEAR HERE.

Template








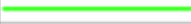





View templates, Filtre:

- Nedenstående filter oprettet og tilføjet view Heating viewtemplates

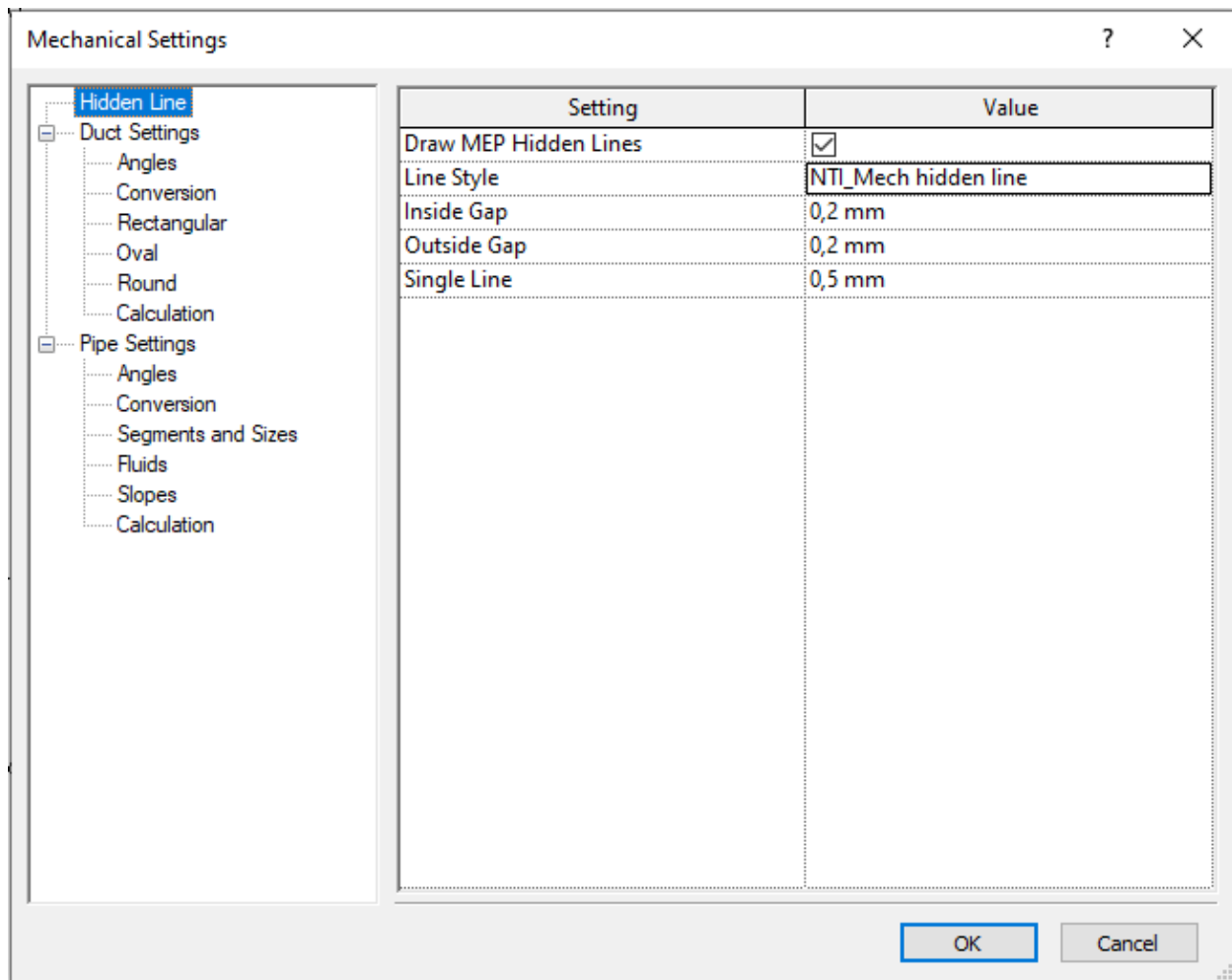


- View template WORK_C_C__CLASH har fået tilknyttet nedenstående filtre.

Visibility/Graphic Overrides for WORK_P_C__CLASH

Name	Visibility	Projection/Surface		
		Lines	Patterns	Transparency
Sections/Elev/Cal (VIEW-USE not 1_WORK)	<input type="checkbox"/>			
Sections/Elev/Cal (SUB-DISCIPLINE not C__CLASH)	<input type="checkbox"/>			
E__KABELBAKKE	<input checked="" type="checkbox"/>			
E__GITTERBAKKE	<input checked="" type="checkbox"/>			
E__ALMENFØRINGSVEJ	<input checked="" type="checkbox"/>			
E__KABELSTIGE	<input checked="" type="checkbox"/>			
E__LADDER	<input checked="" type="checkbox"/>			
E__RØR_I_TERRÆN	<input checked="" type="checkbox"/>			
E__RØR_I_BYGNING	<input checked="" type="checkbox"/>			
E__BELYSNINGSANLÆG	<input checked="" type="checkbox"/>			
E__LAVSPÆNDING	<input checked="" type="checkbox"/>			
VP_Insulation	<input checked="" type="checkbox"/>			50%
VP__Mechanical Equipment (Radiatorer)	<input checked="" type="checkbox"/>			
VP__Mechanical Equipment (MCSH)	<input checked="" type="checkbox"/>			

- Mech Hidden line er blevet ændret så inside og outside gap er 0,2 mm, derudover er der blevet tilknyttet en ny Line style NTI_Mech hidden line.



Insulation i view templates.

- Alle 3D viewtemplates er indstillet til at vise insulation på 80% transparency og halftones i V/G, er gældende for både duct og pipes
- På Alle QA Viewtemplates er overriden fjernet så isoleringen vises.
- På alle plan og section viewtemplates er pipe insulation halftonet i et filter.

Kanalserie.

Lindab TCU er udskiftet fra TCU beveled til TCU Small roundings.

ERROR! USE THE HOME TAB TO APPLY OVERSKRIFT 1;OVERSKRIFT 1.NTI TO THE TEXT THAT YOU WANT TO APPEAR HERE.

Generelt:

- Template purget og rensset.
- Duct Series opdateret:
 - Fleksible Kanaler
 - Lindab Rekt
 - Lindab SR
 - Lindab SR Standard

Lokalisering DEN-MCREV-2020_c

Denne lokalisering indeholder både EL, VVS og VENTILATION og bygger oven på de tidligere lokaliseringer, der ud over beskrivelsen i dette dokument, er beskrevet i dokumenterne DEN-MCREV-E-2019_c.pdf og DEN-MCREV-MP-2019_c.pdf

Bortset fra filformatet er lokaliseringen til Revit 2020 og Revit 2019 identisk med lokaliseringen til Revit 2018.

MP lokalisering til MagiCAD på Revit 2018, består ud over dette dokument af fire filer.

- DEN-MCREV-2020_c_r2018.mrv (dataset)**
- DEN-MCREV-2020_c_r2018.rte (Revit template)**
- DEN-MCREV-2020_c_r2018.mcd (description fil)**
- NTItools_DK_MEP_Shared parameters .txt**

MP lokalisering til MagiCAD på Revit 2019, består ud over dette dokument af fire filer.

- DEN-MCREV-2020_c_r2019.mrv (dataset)**
- DEN-MCREV-2020_c_r2019.rte (Revit template)**
- DEN-MCREV-2020_c_r2019.mcd (description fil)**
- NTItools_DK_MEP_Shared parameters .txt**

MP lokalisering til MagiCAD på Revit 2020, består ud over dette dokument af fire filer.

- DEN-MCREV-2020_c_r2020.mrv (dataset)**
- DEN-MCREV-2020_c_r2020.rte (Revit template)**
- DEN-MCREV-2020_c_r2020.mcd (description fil)**
- NTItools_DK_MEP_Shared parameters .txt**

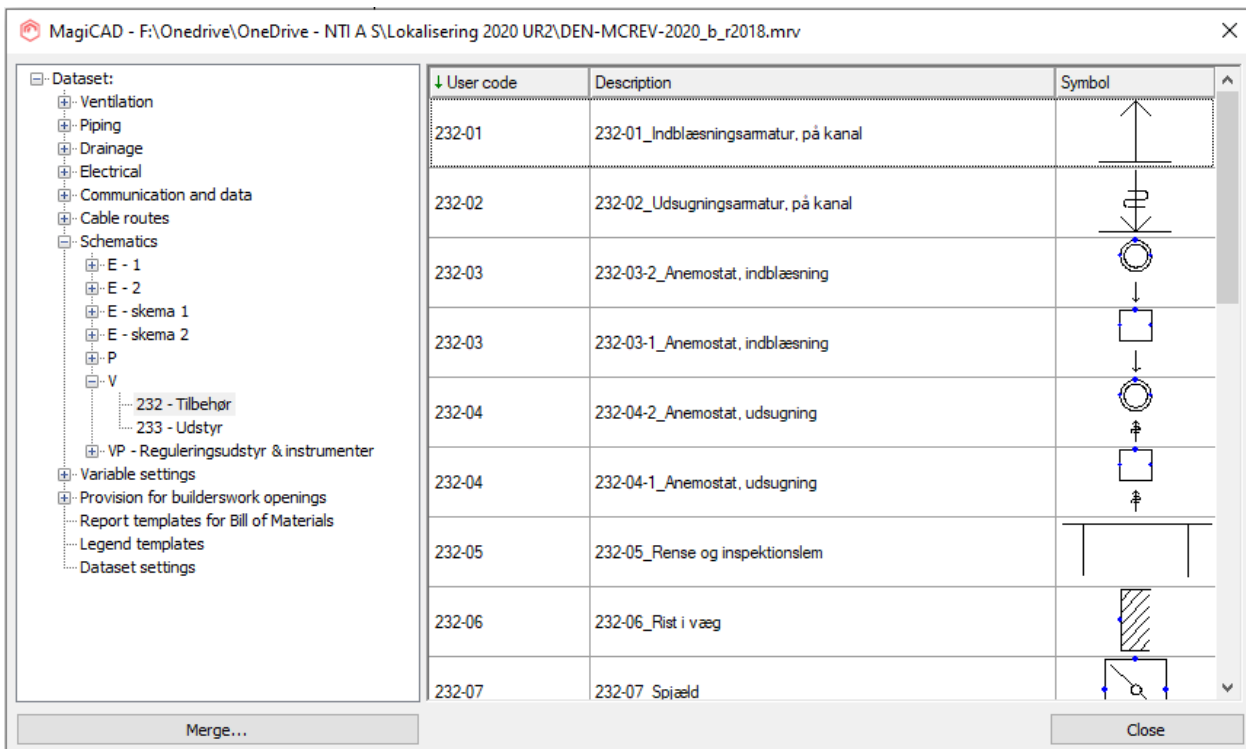
Herudover indeholder lokaliseringen nogle tegningshoveder, tegningsrammer og tags

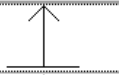
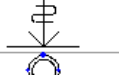
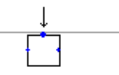
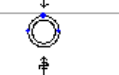
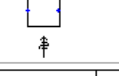

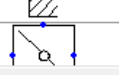
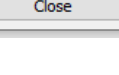

ERROR! USE THE HOME TAB TO APPLY OVERSKRIFT 1;OVERSKRIFT 1.NTI TO THE TEXT THAT YOU WANT TO APPEAR HERE.

Dataset

Schematics

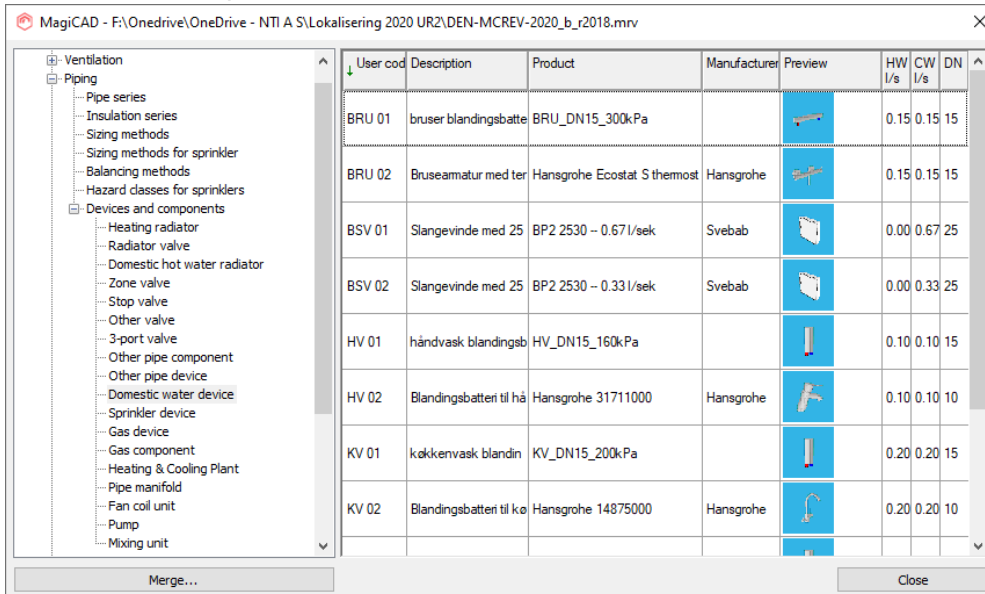
- Tilføjet symboler til dataet filen, til brug med MC Schematics.











User code	Description	Symbol
232-01	232-01_Indblæsningsamatur, på kanal	
232-02	232-02_Udsugningsamatur, på kanal	
232-03	232-03-2_Anemostat, indblæsning	
232-03	232-03-1_Anemostat, indblæsning	
232-04	232-04-2_Anemostat, udsugning	
232-04	232-04-1_Anemostat, udsugning	
232-05	232-05_Rense og inspektionslem	
232-06	232-06_Rist i væg	
232-07	232-07_Spiæld	




Products

- Ændret navngivning på produkter så den korrekte benævnelse er der, fra Pa til kPa – devices and components



User code	Description	Product	Manufacturer	Preview	HW I/s	CW I/s	DN
BRU 01	bruser blandingsbatte	BRU_DN15_300kPa			0.15	0.15	15
BRU 02	Brusearmatur med ter	Hansgrohe Ecostat S themost	Hansgrohe		0.15	0.15	15
BSV 01	Slangevinde med 25	BP2 2530 -- 0.67l/sek	Svebab		0.00	0.67	25
BSV 02	Slangevinde med 25	BP2 2530 -- 0.33l/sek	Svebab		0.00	0.33	25
HV 01	håndvask blandingsb	HV_DN15_160kPa			0.10	0.10	15
HV 02	Blandingsbatteri til hå	Hansgrohe 31711000	Hansgrohe		0.10	0.10	10
KV 01	køkkenvask blandin	KV_DN15_200kPa			0.20	0.20	15
KV 02	Blandingsbatteri til kø	Hansgrohe 14875000	Hansgrohe		0.20	0.20	10

- Tilføjet ESNU S og ESNU E i hhv. Supply air device og extract air device. Vær opmærksom på at tryktabs data ikke er verificeret.

	Perforeret diffusor	PKA MBB	Lindab	
	Perforeret diffusor	PCA MBB	Lindab	
	Exhaust valve	KSU	Lindab	
	Endebund med net	ESNU E		

ERROR! USE THE HOME TAB TO APPLY OVERSKRIFT 1;OVERSKRIFT 1.NTI TO THE TEXT THAT YOU WANT TO APPEAR HERE.

Template

View templates, Filtre:

- Nye Molio farver for ventilation er ændret i template







Tabel for præsenterationsform - Ventilation

Forkortelse		Farve (RGB)
Ventilation		
	Ventilation, disponering	000-255-000
INDT	Ventilation, udeluft (indtag)	141-189-000
AFK	Ventilation, afkastluft (afkast)	000-129-064
VG(F/R)	Ventilation, omluft (varmegenvinding (Frem/Retur))	000-255-000
VI	Ventilation, tilluft (indblæsning)	255-000-000
VU	Ventilation, fraluft (udsugning)	000-000-255
RVE	Røgventilation	255-126-000

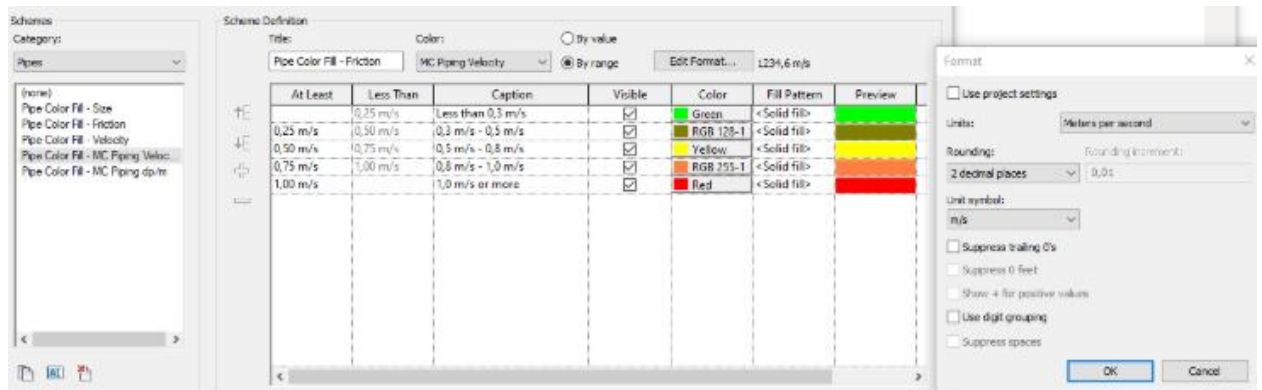
- Derudover er alle duct systems sat til no override i line weight, samt no override i line pattern. Så bliver mech hidden line vist korrekt.
- VP_Insulation filteret er fjernet på alle work view der har med ducts at gøre, det var overflødig på ducts, men det er stadigvæk på pipes work views,

SECTIONS/VIEW/EDIT (VIEW USE NOT TIT)	<input type="checkbox"/>		
VP_Insulation	<input checked="" type="checkbox"/>		50%

- Tilføjer fliter S-KON til viewtemplate WORK-3_C__CLASH – Solid fill = White
- Fjernet kategorien Floor fra all QA Viewtemplates
- 3D HEATING viewtemplate er der slukket for MagiCAD_Circulation_Point
- QA__3_P__MC PIPING dp/m er filter ændret så farverne passer med nedenstående indstillinger.

P__BV - BRUGSVAND (#1), VARMT (System Abbreviation)	<input type="checkbox"/>			
P__Sanitary (System Classification)	<input type="checkbox"/>			
P__Pipework MC Piping dp/m mindre end 0,050 kPa	<input checked="" type="checkbox"/>			
P__Pipework MC Piping dp/m større end 0,100 kPa	<input checked="" type="checkbox"/>			
P__Pipework MC Piping dp/m større end 0,050 kPa og mindre end 0,1...	<input checked="" type="checkbox"/>			

- QA__P_P__MC PIPING VELOCITY color scheme er nu med 2 decimaler



Generelt:

- Template purget og rensset.
- Duct Series opdateret:
 - Fleksible Kanaler
 - Lindab Rekt
 - Lindab SR
 - Lindab SR Standard

Lokalisering DEN-MCREV-2020_b

Denne lokalisering indeholder både EL, VVS og VENTILATION og bygger oven på de tidligere lokaliseringer, der ud over beskrivelsen i dette dokument, er beskrevet i dokumenterne DEN-MCREV-E-2019_c.pdf og DEN-MCREV-MP-2019_c.pdf

Bortset fra filformatet er lokaliseringen til Revit 2020 og Revit 2019 identisk med lokaliseringen til Revit 2018.

MP lokalisering til MagiCAD på Revit 2018, består ud over dette dokument af fire filer.

- DEN-MCREV-2020_b_r2018.mrv (dataset)**
- DEN-MCREV-2020_b_r2018.rte (Revit template)**
- DEN-MCREV-2020_b_r2018.mcd (description fil)**
- NTItools_DK_MEP_Shared parameters .txt**

MP lokalisering til MagiCAD på Revit 2019, består ud over dette dokument af fire filer.

- DEN-MCREV-2020_b_r2019.mrv (dataset)**
- DEN-MCREV-2020_b_r2019.rte (Revit template)**
- DEN-MCREV-2020_b_r2019.mcd (description fil)**
- NTItools_DK_MEP_Shared parameters .txt**

MP lokalisering til MagiCAD på Revit 2020, består ud over dette dokument af fire filer.

- DEN-MCREV-2020_b_r2020.mrv (dataset)**
- DEN-MCREV-2020_b_r2020.rte (Revit template)**
- DEN-MCREV-2020_b_r2020.mcd (description fil)**
- NTItools_DK_MEP_Shared parameters .txt**

Herudover indeholder lokaliseringen nogle tegningshoveder, tegningsrammer og tags

Dataset

Ventilation

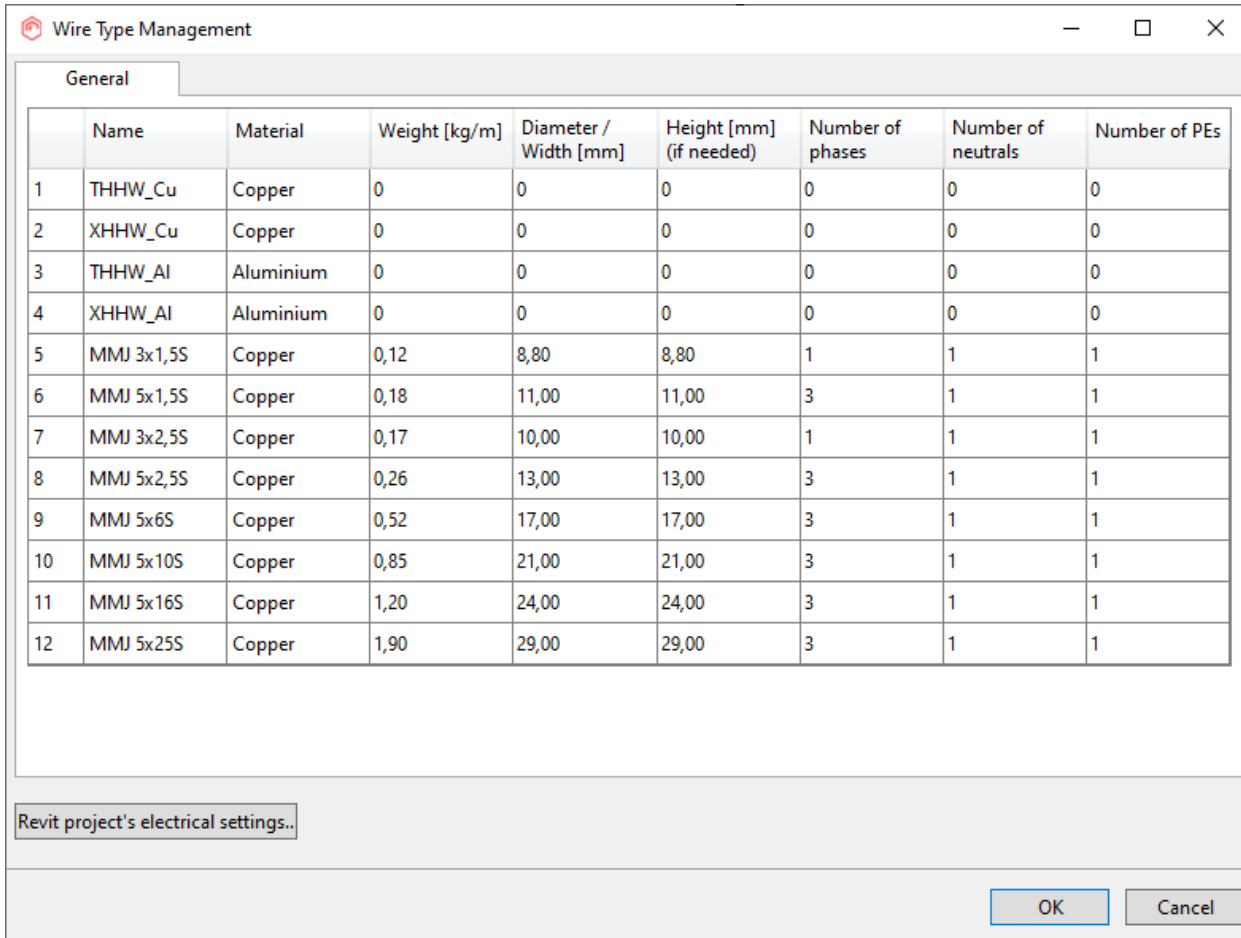
- Flangen LS LOOSE på rekt kanaler er ændret til LS_L da LS LOOSE i visse tilfælde gav årsag til fejl.
- På serien Lindab Rekt er flangerne LS og LS Loose skiftet ud med RJFP og RJFP_L, da disse i dag leveres som standard fra Lindab. LS og LS Loose (nu LS_L) er bevaret i datasettet.
- På serien Lindab Rekt er Duct Joint MAGIJ-R-*-* er udskiftet med MAGIJ-R2. Dette for at flangens størrelse ikke påvirker kanal-længder.

Afløb

- N-Branch er tilføjet drainage serien MA Afløb.

EI

- Data for nye Wiring Types tilføjet:



	Name	Material	Weight [kg/m]	Diameter / Width [mm]	Height [mm] (if needed)	Number of phases	Number of neutrals	Number of PEs
1	THHW_Cu	Copper	0	0	0	0	0	0
2	XHHW_Cu	Copper	0	0	0	0	0	0
3	THHW_AI	Aluminium	0	0	0	0	0	0
4	XHHW_AI	Aluminium	0	0	0	0	0	0
5	MMJ 3x1,5S	Copper	0,12	8,80	8,80	1	1	1
6	MMJ 5x1,5S	Copper	0,18	11,00	11,00	3	1	1
7	MMJ 3x2,5S	Copper	0,17	10,00	10,00	1	1	1
8	MMJ 5x2,5S	Copper	0,26	13,00	13,00	3	1	1
9	MMJ 5x6S	Copper	0,52	17,00	17,00	3	1	1
10	MMJ 5x10S	Copper	0,85	21,00	21,00	3	1	1
11	MMJ 5x16S	Copper	1,20	24,00	24,00	3	1	1
12	MMJ 5x25S	Copper	1,90	29,00	29,00	3	1	1

Revit project's electrical settings..

OK Cancel

Template




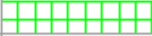



View Types, View templates, Filtre, og Schedules:

- Floor Pattern visibility slukket i view templates for planer.
- Ny View Template: QA___P_P__MC PIPING VELOCITY med ny Pipe Legend: MC Piping Velocity
- Ny View Template: QA___P_P__MC PIPING dp/m med ny Pipe Legend:MC PIPING dp/m
- Ny View Template: QA___3_P__MC PIPING VELOCITY med følgende filtre:
 - P___Pipework MC Piping Velocity mindre end 0,25 m/sek
 - P___Pipework MC Piping Velocity større end 0,25 m/sek og mindre end 0,50 m/sek
 - P___Pipework MC Piping Velocity større end 0,50 m/sek og mindre end 0,75 m/sek
 - P___Pipework MC Piping Velocity større end 0,75 m/sek og mindre end 1,00 m/sek
 - P___Pipework MC Piping Velocity større end 1,00 m/sek
- Ny View Template: QA___3_P__MC PIPING dp/m med følgende filtre:
 - P___Pipework MC Piping dp/m mindre end 0,050 kPa
 - P___Pipework MC Piping dp/m større end 0,050 kPa og mindre end 0,100 kPa
 - P___Pipework MC Piping dp/m større end 0,100 kPa
- Ny View Template: QA___P_E__ELECTRICAL PANEL på baggrund af WORK_P_E__ELECTRICAL, med følgende filter tilføjet:
 - E___Panel tilsluttet komponenter
- Ny View Template QA___P_E__ELECTRICAL SWITCH på baggrund af WORK_P_E__ELECTRICAL, med følgende filter tilføjet:
 - E___Panel tilsluttet komponenter
 - E___Switch tilsluttet komponenter
- View Type QA___P__HEATING VELOCITY anvender nu View Template QA___P_P__MC PIPING VELOCITY
- View Type QA___P__HEATING FRICTION anvender nu View Template QA___P_P__MC PIPING dp/m
- Filtre på View Template QA___3_V__VELOCITY er ændret til at skille ved 3, 5, 7, og 9 m/sek.

- Filtre tilføjet til View Template WORK_3_C__CLASH:

Visibility/Graphic Overrides for WORK_3_C__CLASH

Model Categories Annotation Categories Analytical Model Categories Imported Categories Filters

Name	Visibility	Projection/Surface		
		Lines	Patterns	Transparency
E_KABELBAKKE	<input checked="" type="checkbox"/>			
E_GITTERBAKKE	<input checked="" type="checkbox"/>			
E_ALMENFØRINGSVEJ	<input checked="" type="checkbox"/>			
E_KABELSTIGE	<input checked="" type="checkbox"/>			
E_LADDER	<input checked="" type="checkbox"/>			

- Filtre for P_VF og P_VR ændret, så de styres af BEGINS WITH (VF/VR) i stedet for EQUALS (VF/VR)
- Isolering transparens styres kun vha. Filtre, og ikke både via filtre og Model Categories.
- Schedule «Rumskema» er erstattet af «Room Schedule» der kigger på Rooms, også fra linkede filer.
- Oprettet Space Schedule til brug for Spaces i den aktuelle i model. Kigger som udgangspunkt ikke efter Spaces i linkede filer.
- Cut Plane offset er ændret til 1800mm på SHEET loftplaner.
- Cut Plane offset er ændret til 10mm på WORK loftplaner

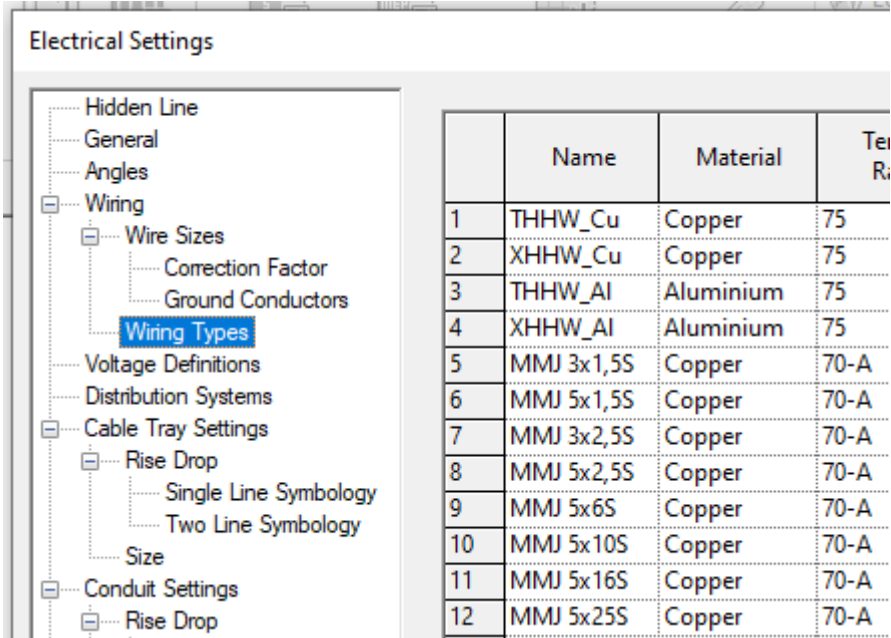
Families:

- Detail Items: VARME, FREM (samt primær og sekundær) er flyttet til at ligge under MC Heating Supply og VARME, RETUR (samt primær og sekundær) er flyttet til MC Heating Supply.
- Generic Annotation family MC_VERTICAL_0_DATA opdateret (anvendes på Switchboard Schematic Sheets).
- Origin family flyttet fra Level til Ref. Plane. Derved bevares Origin familien, selv hvis level slettes (evt. i forbindelse med Copy/monitor).

ERROR! USE THE HOME TAB TO APPLY OVERSKRIFT 1;OVERSKRIFT 1.NTI TO THE TEXT THAT YOU WANT TO APPEAR HERE.

MEP Settings:

- Nye Wiring Types oprettet:



The screenshot shows the 'Electrical Settings' dialog box with a tree view on the left and a table on the right. The 'Wiring Types' item is selected in the tree view. The table lists 12 wiring types with their names, materials, and termination ratings.

	Name	Material	Termination Rating
1	THHW_Cu	Copper	75
2	XHHW_Cu	Copper	75
3	THHW_Al	Aluminium	75
4	XHHW_Al	Aluminium	75
5	MMJ 3x1,5S	Copper	70-A
6	MMJ 5x1,5S	Copper	70-A
7	MMJ 3x2,5S	Copper	70-A
8	MMJ 5x2,5S	Copper	70-A
9	MMJ 5x6S	Copper	70-A
10	MMJ 5x10S	Copper	70-A
11	MMJ 5x16S	Copper	70-A
12	MMJ 5x25S	Copper	70-A

Generelt:

- Template purget og renset.
- Duct Series opdateret:
 - Fleksible Kanaler
 - Lindab Rekt
 - Lindab SR
 - Lindab SR Standard

Lokalisering DEN-MCREV-2020_a

Denne lokalisering indeholder både EL, VVS og VENTILATION og bygger oven på de tidligere lokaliseringer, der er beskrevet i dokumenterne DEN-MCREV-E-2019_c.pdf og DEN-MCREV-MP-2019_c.pdf

Bortset fra filformatet er lokaliseringen til Revit 2020 og Revit 2019 identisk med lokaliseringen til Revit 2018.

MP lokalisering til MagiCAD på Revit 2018, består ud over dette dokument af fire filer.

- DEN-MCREV-2020_a_r2018.mrv (dataset)**
- DEN-MCREV-2020_a_r2018.rte (Revit template)**
- DEN-MCREV-2020_a_r2018.mcd (description fil)**
- NTItools_DK_MEP_Shared parameters .txt**

MP lokalisering til MagiCAD på Revit 2019, består ud over dette dokument af fire filer.

- DEN-MCREV-2020_a_r2019.mrv (dataset)**
- DEN-MCREV-2020_a_r2019.rte (Revit template)**
- DEN-MCREV-2020_a_r2019.mcd (description fil)**
- NTItools_DK_MEP_Shared parameters .txt**

MP lokalisering til MagiCAD på Revit 2020, består ud over dette dokument af fire filer.

- DEN-MCREV-2020_a_r2020.mrv (dataset)**
- DEN-MCREV-2020_a_r2020.rte (Revit template)**
- DEN-MCREV-2020_a_r2020.mcd (description fil)**
- NTItools_DK_MEP_Shared parameters .txt**

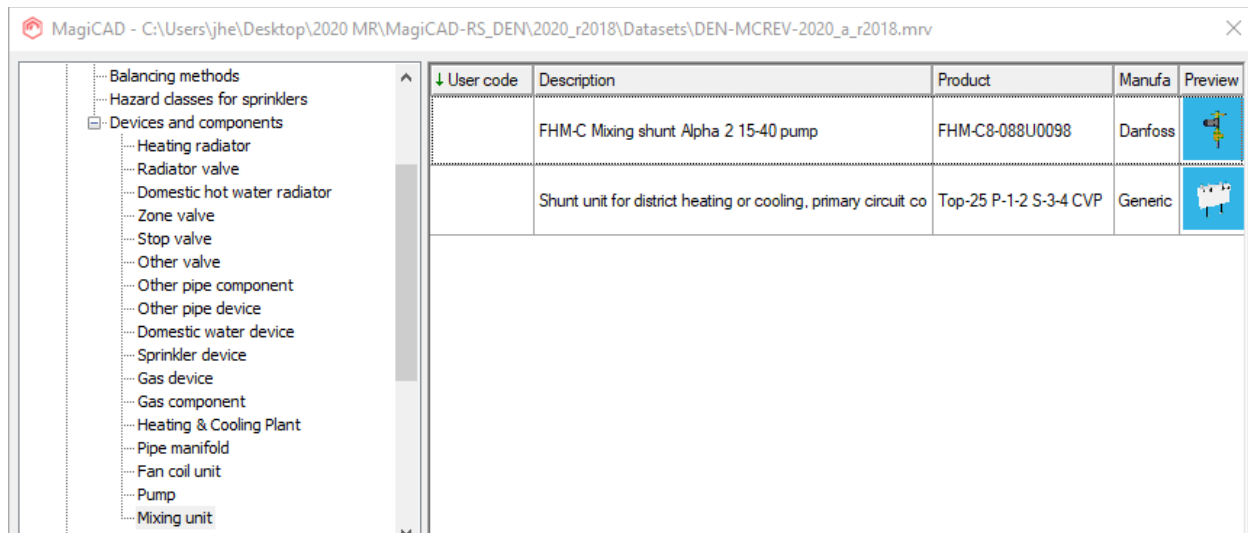
Herudover indeholder lokaliseringen nogle tegningshoveder, tegningsrammer og tags

ERROR! USE THE HOME TAB TO APPLY OVERSKRIFT 1;OVERSKRIFT 1.NTI TO THE TEXT THAT YOU WANT TO APPEAR HERE.



Dataset

Mixing Unit

2 shunts er tilføjet. Det er blevet muligt at size og indregulere med disse.



The screenshot shows the MagiCAD interface with a dataset table. The table has the following columns: User code, Description, Product, Manufa, and Preview. The table contains two entries:

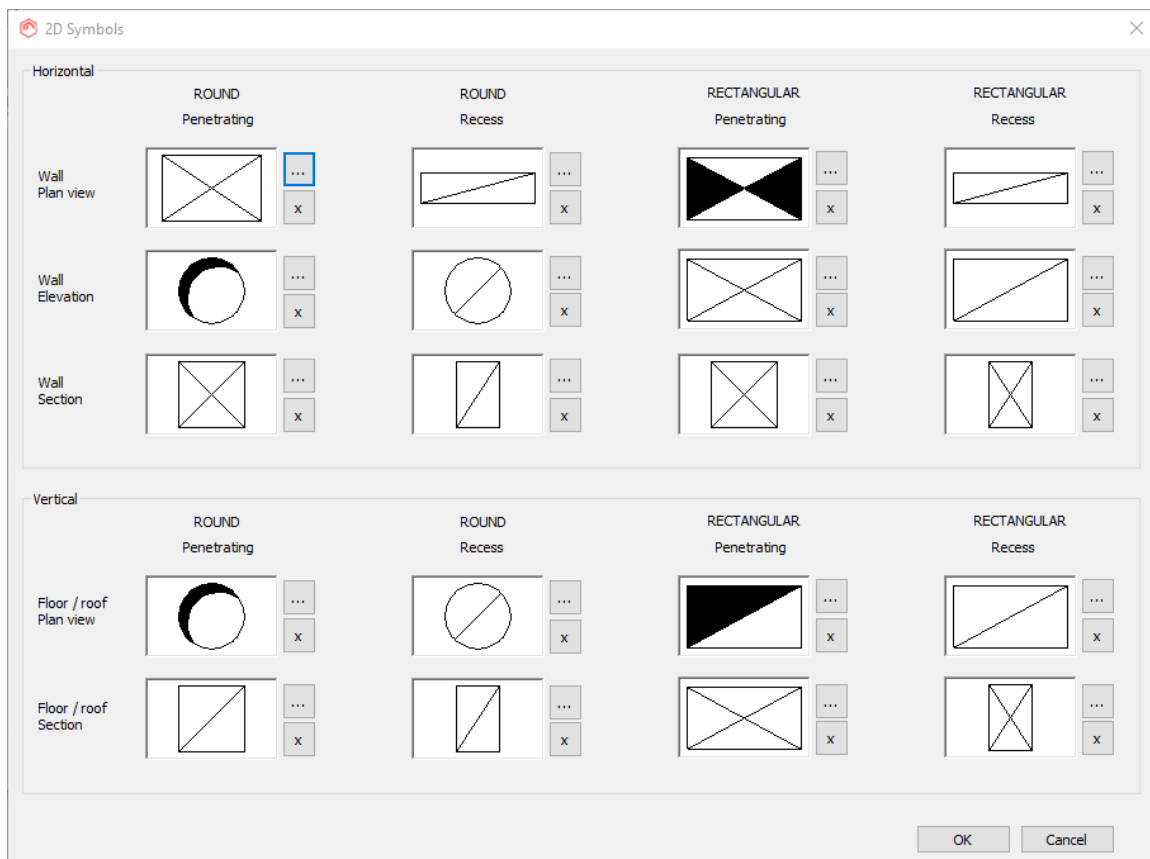
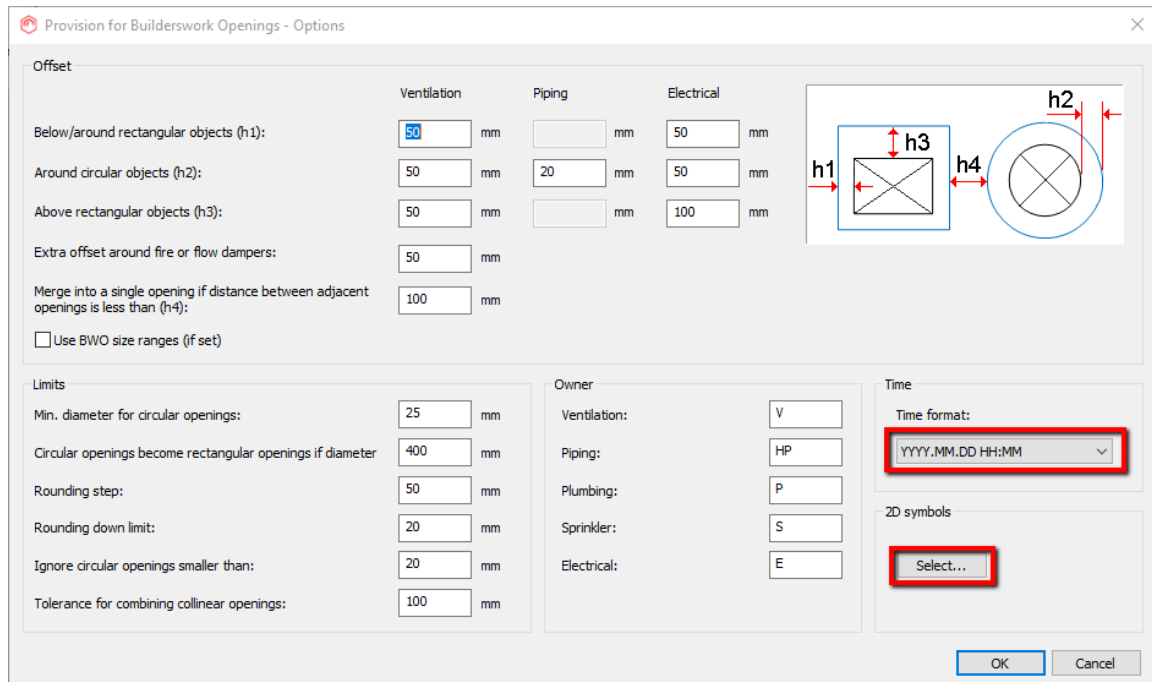
User code	Description	Product	Manufa	Preview
	FHM-C Mixing shunt Alpha 2 15-40 pump	FHM-C8-088U0098	Danfoss	
	Shunt unit for district heating or cooling, primary circuit co	Top-25 P-1-2 S-3-4 CVP	Generic	

The left sidebar shows a tree view of components, with 'Mixing unit' selected under 'Devices and components'.

Provision for Builderswork Openings

Ved generering af "Provision for Builderswork Openings" tilføjes nu en time stamp.

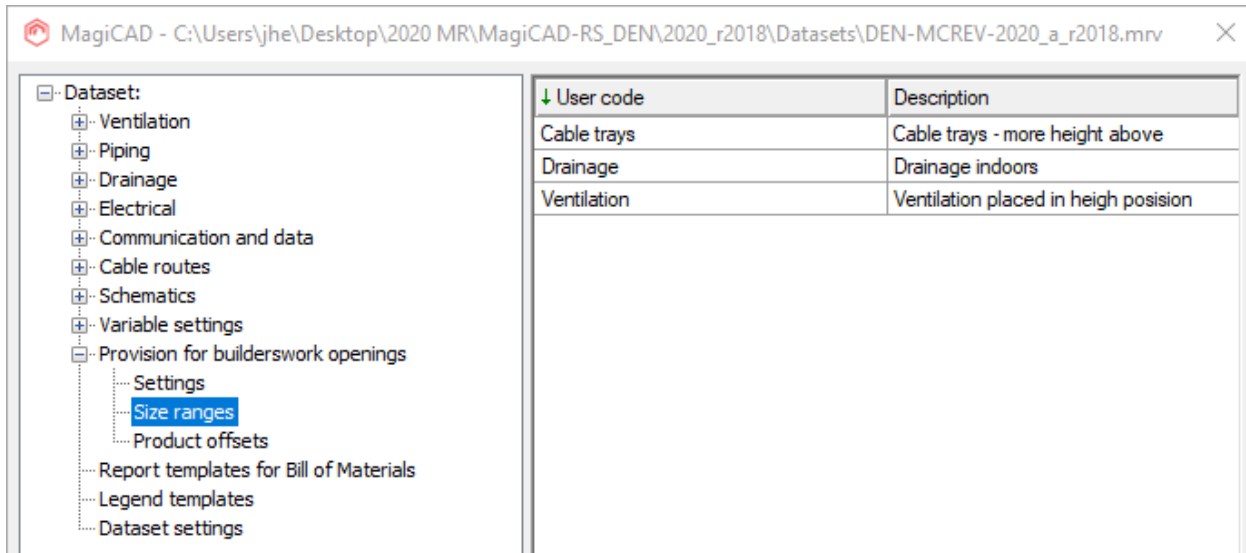
Det er blevet muligt at koble symboler til "Provision for Builderswork Openings"



ERROR! USE THE HOME TAB TO APPLY OVERSKRIFT 1;OVERSKRIFT 1.NTI TO THE TEXT THAT YOU WANT TO APPEAR HERE.

”Size ranges” blev allerede muligt med 2019 UR1.

Forslag hertil er nu tilføjet til datasettet.

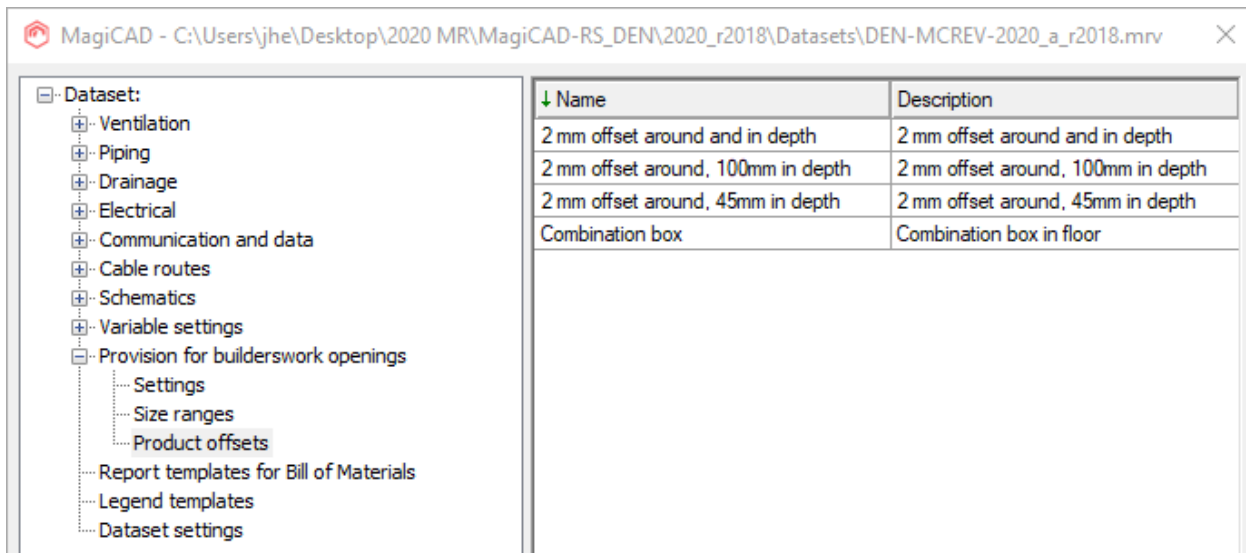


The screenshot shows the MagiCAD interface with the 'Size ranges' option highlighted in the dataset tree. The table on the right lists user codes and their descriptions:

User code	Description
Cable trays	Cable trays - more height above
Drainage	Drainage indoors
Ventilation	Ventilation placed in heigh position

”Product offsets” blev allerede muligt med 2019 UR2

Forslag hertil er nu tilføjet til datasettet.



The screenshot shows the MagiCAD interface with the 'Product offsets' option highlighted in the dataset tree. The table on the right lists product offsets and their descriptions:

Name	Description
2 mm offset around and in depth	2 mm offset around and in depth
2 mm offset around, 100mm in depth	2 mm offset around, 100mm in depth
2 mm offset around, 45mm in depth	2 mm offset around, 45mm in depth
Combination box	Combination box in floor

Template

Navngivningen af viewtemplates og viewtyper følger standarden nedenfor.

	VIEW USE	
WORK	1_WORK	ARBEJDSVIEWS
SHEET	2_SHEET	VIEWS OPSAT TIL PLOT
EXPORT	3_EXPORT	VIEWS OPSAT TIL EKSPORT
QUALITY ASSURANCE	4_QA	KVALITETSIKRING

	VIEW TYPE	
PLAN	P	PLAN
CEILING	C	LOFTPLAN
SECTION	S	SNIT OG OPSTALTER
3D	3	3d
DIAGRAM	D	PRINCIPDIAGRAMMER

	MagiCAD DICIPLINE	
ARCHITECTURE	A	ARKITEKT
COORDINATION	C	KOORDINERING
ELECTRICAL	E	EL
PIPING	P	VVS
STRUCTURE	S	BÆRENDE KONSTRUKTIONER
VENTILATION	V	VENTILATION

MagiCAD SUB-DICIPLINE	
PROVISION FOR BUILDERSWORK OPENINGS	UDSPARINGER
QA	KVALITETSIKRING
FRICITION	Pa/m
SPACE SOUND	dB
VELOCITY	m/sek
SPATIAL COMPOSITION	OPSAT TIL NTI SPATIAL COMPOSITION
DOMESTIC WATER	BRUGSVAND
DRAINAGE	AFLØB
HEATING	OPVARMNING
SPRINKLER	SPRINKLER
LIGHTING	BELYSNING

SUB-DICIPLINE = MagiCAD DICIPLINE_ MagiCAD SUB-DICIPLINE

ERROR! USE THE HOME TAB TO APPLY OVERSKRIFT 1;OVERSKRIFT 1.NTI TO THE TEXT THAT YOU WANT TO APPEAR HERE.

Viewtemplates

VIEW USE _VIEW TYPE_ MagiCAD-DICIPLINE_ MagiCAD SUB-DICIPLINE

<p>View templates</p> <p>Discipline filter: <all></p> <p>View type filter: 3D Views, Walkthroughs</p> <p>Names:</p> <ul style="list-style-type: none"> QA_3_C_PROVISION FOR BUILDERSWORK OPENINGS QA_3_P_HEATING FRICTION QA_3_P_HEATING VELOCITY QA_3_V_FRICTION QA_3_V_QA QA_3_V_VELOCITY SHEET_3_C_SPATIAL COMPOSITION SHEET_3_E_ELECTRICAL SHEET_3_E_SPATIAL COMPOSITION SHEET_3_P_DOMESTIC WATER SHEET_3_P_DRAINAGE SHEET_3_P_HEATING SHEET_3_P_PIPING SHEET_3_P_SPRINKLER SHEET_3_V_VENTILATION SHEET_3_VP_SPATIAL COMPOSITION SHEET_3_VP_VENTILATION & PIPING WORK_3_C_CLASH WORK_3_C_COORDINATION WORK_3_E_ELECTRICAL WORK_3_P_DOMESTIC WATER WORK_3_P_DRAINAGE WORK_3_P_HEATING WORK_3_P_PIPING WORK_3_P_SPRINKLER WORK_3_V_VENTILATION WORK_3_VP_VENTILATION & PIPING 	<p>View templates</p> <p>Discipline filter: <all></p> <p>View type filter: Elevations, Sections, Detail Views</p> <p>Names:</p> <ul style="list-style-type: none"> SHEET_S_C_COORDINATION SHEET_S_E_ELECTRICAL SHEET_S_P_DOMESTIC WATER SHEET_S_P_DRAINAGE SHEET_S_P_HEATING SHEET_S_P_PIPING SHEET_S_P_SPRINKLER SHEET_S_V_VENTILATION SHEET_S_VP_SPATIAL COMPOSITION SHEET_S_VP_VENTILATION & PIPING WORK_S_C_CLASH WORK_S_C_COORDINATION WORK_S_E_ELECTRICAL WORK_S_P_DOMESTIC WATER WORK_S_P_DRAINAGE WORK_S_P_HEATING WORK_S_P_PIPING WORK_S_P_SPRINKLER WORK_S_V_VENTILATION WORK_S_VP_VENTILATION & PIPING
<p>View templates</p> <p>Discipline filter: <all></p> <p>View type filter: Ceiling Plans</p> <p>Names:</p> <ul style="list-style-type: none"> SHEET_C_C_COORDINATION SHEET_C_E_ELECTRICAL SHEET_C_P_PIPING SHEET_C_V_VENTILATION SHEET_C_VP_VENTILATION & PIPING SHEET_C_VPE_VENTILATION & PIPING & ELECTRICAL WORK_C_C_COORDINATION WORK_C_E_ELECTRICAL WORK_C_P_PIPING WORK_C_V_VENTILATION WORK_C_VP_VENTILATION & PIPING 	

ERROR! USE THE HOME TAB TO APPLY OVERSKRIFT 1;OVERSKRIFT 1.NTI TO THE TEXT THAT YOU WANT TO APPEAR HERE.

<p>View templates</p> <p>Discipline filter: <input type="text" value="<all>"/></p> <p>View type filter: <input type="text" value="Renderings, Drafting Views"/></p> <p>Names: <input type="text" value="SHEET_D_VP_VENTILATION & PIPING"/></p>	<p>View templates</p> <p>Discipline filter: <input type="text" value="<all>"/></p> <p>View type filter: <input type="text" value="Floor, Structural, Area Plans"/></p> <p>Names: <input type="text" value="QA_P_C_PROVISION FOR BUILDERSWORK OPENINGS"/> QA_P_P_HEATING FRICTION QA_P_P_HEATING VELOCITY QA_P_V_FRICTION QA_P_V_QA QA_P_V_SPACE SOUND QA_P_V_VELOCITY SHEET_P_C_COORDINATION SHEET_P_E_ELECTRICAL SHEET_P_E_LIGHTING SHEET_P_E_SPATIAL COMPOSITION SHEET_P_P_DOMESTIC WATER SHEET_P_P_DRAINAGE SHEET_P_P_HEATING SHEET_P_P_PIPING SHEET_P_P_SPRINKLER SHEET_P_V_VENTILATION SHEET_P_VP_SPATIAL COMPOSITION SHEET_P_VP_VENTILATION & PIPING WORK_P_C_CLASH WORK_P_C_COORDINATION WORK_P_E_ELECTRICAL WORK_P_E_LIGHTING WORK_P_P_DOMESTIC WATER WORK_P_P_DRAINAGE WORK_P_P_HEATING WORK_P_P_PIPING WORK_P_P_SPRINKLER WORK_P_V_VENTILATION WORK_P_VP_VENTILATION & PIPING</p>
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Viewtype

VIEW USE_ MagiCAD-DICIPLINE_ SUB-DICIPLINE

ERROR! USE THE HOME TAB TO APPLY OVERSKRIFT 1;OVERSKRIFT 1.NTI TO THE TEXT THAT YOU WANT TO APPEAR HERE.

System Family: Floor Plan	▼
WORK_C__COORDINATION	▼
Floor Plan	
QA __C__ PROVISION FOR BUILDERSWORK OPENINGS	
QA __P__ HEATING FRICTION	
QA __P__ HEATING VELOCITY	
QA __V__ FRICTION	
QA __V__ QA	
QA __V__ SPACE SOUND	
QA __V__ VELOCITY	
SHEET_E__ ELECTRICAL	
SHEET_E__ LIGHTING	
SHEET_P__ DOMESTIC WATER	
SHEET_P__ DRAINAGE	
SHEET_P__ HEATING	
SHEET_P__ PIPING	
SHEET_P__ SPRINKLER	
SHEET_V__ VENTILATION	
SHEET_VP__ SPATIAL COMPOSITION	
SHEET_VP__ VENTILATION & PIPING	
WORK_C__ CLASH	
WORK_C__COORDINATION	
WORK_E__ ELECTRICAL	
WORK_P__ DOMESTIC WATER	
WORK_P__ DRAINAGE	
WORK_P__ HEATING	
WORK_P__ PIPING	
WORK_P__ SPRINKLER	
WORK_V__ VENTILATION	
WORK_VP__ VENTILATION & PIPING	
System Family: Section	▼
WORK_C__COORDINATION	▼
Building Section	
Building Section Classic	
SHEET_E__ ELECTRICAL	
SHEET_E__ LIGHTING	
SHEET_P__ DOMESTIC WATER	
SHEET_P__ DRAINAGE	
SHEET_P__ HEATING	
SHEET_P__ PIPING	
SHEET_P__ SPRINKLER	
SHEET_V__ VENTILATION	
SHEET_VP__ SPATIAL COMPOSITION	
SHEET_VP__ VENTILATION & PIPING	
WORK_C__ CLASH	
WORK_C__COORDINATION	
WORK_E__ ELECTRICAL	
WORK_P__ DOMESTIC WATER	
WORK_P__ DRAINAGE	
WORK_P__ HEATING	
WORK_P__ PIPING	
WORK_P__ SPRINKLER	
WORK_V__ VENTILATION	
WORK_VP__ VENTILATION & PIPING	



ERROR! USE THE HOME TAB TO APPLY OVERSKRIFT 1;OVERSKRIFT 1.NTI TO THE TEXT THAT YOU WANT TO APPEAR HERE.

System Family: 3D View

3D View

3D View
SHEET_E__ SPATIAL COMPOSITION
SHEET_VP__ SPATIAL COMPOSITION

System Family: Elevation

WORK_C__ COORDINATION

Building Elevation
WORK_C__ COORDINATION

System Family: Ceiling Plan

Ceiling Plan

Ceiling Plan

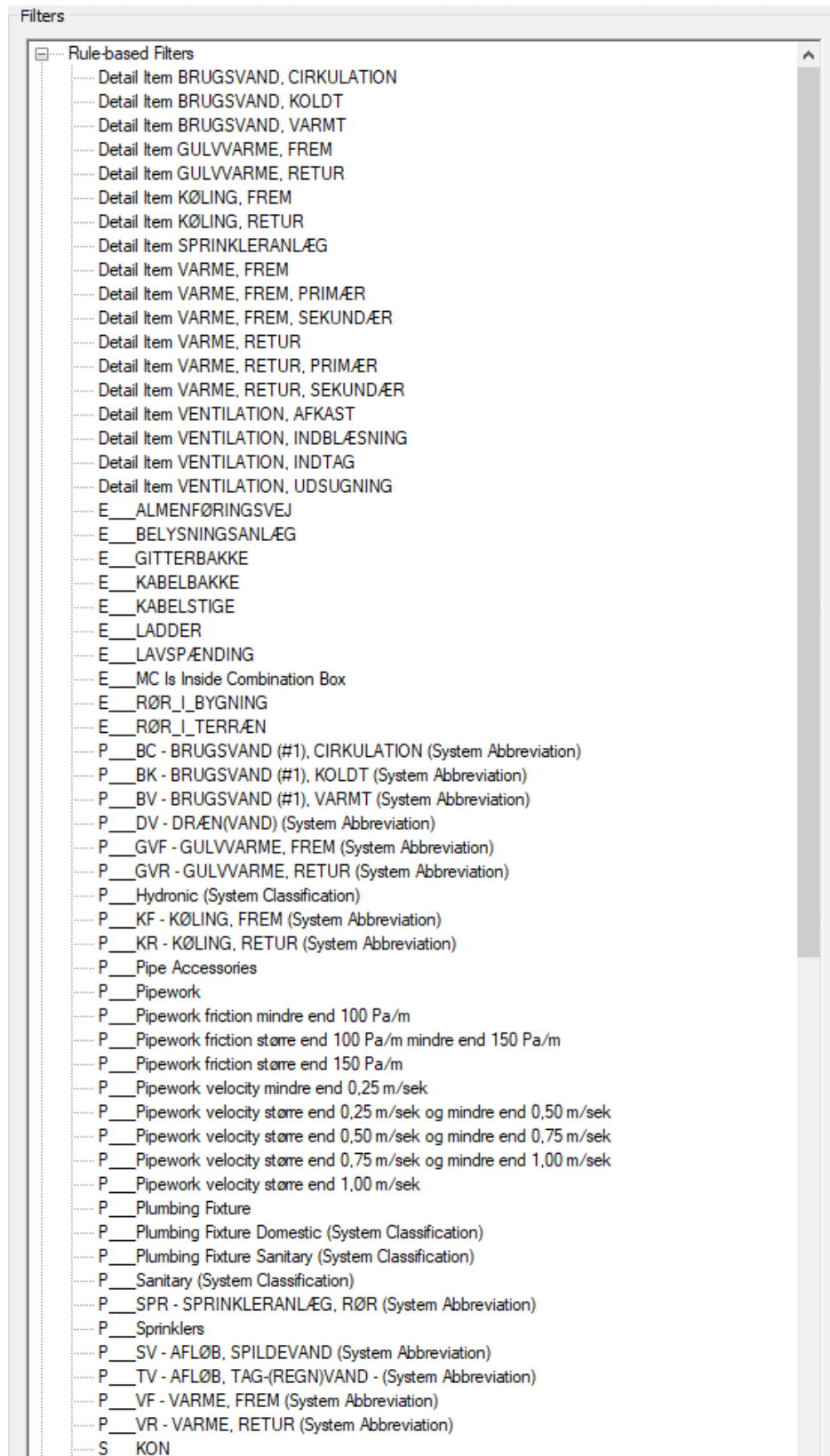
System Family: Drafting View

Detail

Detail

ERROR! USE THE HOME TAB TO APPLY OVERSKRIFT 1;OVERSKRIFT 1.NTI TO THE TEXT THAT YOU WANT TO APPEAR HERE.

Filters



ERROR! USE THE HOME TAB TO APPLY OVERSKRIFT 1;OVERSKRIFT 1.NTI TO THE TEXT THAT YOU WANT TO APPEAR HERE.

-Sections/Elev/Cal (SUB-DICIPLINE not C__CLASH)
-Sections/Elev/Cal (SUB-DICIPLINE not C__COORDINATION)
-Sections/Elev/Cal (SUB-DICIPLINE not C__PROVISION FOR BUILDERSWORK OPENINGS)
-Sections/Elev/Cal (SUB-DICIPLINE not C__SPATIAL COMPOSITION)
-Sections/Elev/Cal (SUB-DICIPLINE not E__ELECTRICAL)
-Sections/Elev/Cal (SUB-DICIPLINE not E__LIGHTING)
-Sections/Elev/Cal (SUB-DICIPLINE not E__SPATIAL COMPOSITION)
-Sections/Elev/Cal (SUB-DICIPLINE not P__DOMESTIC WATER)
-Sections/Elev/Cal (SUB-DICIPLINE not P__DRAINAGE)
-Sections/Elev/Cal (SUB-DICIPLINE not P__HEATING FRICTION)
-Sections/Elev/Cal (SUB-DICIPLINE not P__HEATING VELOCITY)
-Sections/Elev/Cal (SUB-DICIPLINE not P__HEATING)
-Sections/Elev/Cal (SUB-DICIPLINE not P__PIPING)
-Sections/Elev/Cal (SUB-DICIPLINE not P__SPRINKLER)
-Sections/Elev/Cal (SUB-DICIPLINE not V__FRICTION)
-Sections/Elev/Cal (SUB-DICIPLINE not V__QA)
-Sections/Elev/Cal (SUB-DICIPLINE not V__SPACE SOUND)
-Sections/Elev/Cal (SUB-DICIPLINE not V__VELOCITY)
-Sections/Elev/Cal (SUB-DICIPLINE not V__VENTILATION)
-Sections/Elev/Cal (SUB-DICIPLINE not VP__SPATIAL COMPOSITION)
-Sections/Elev/Cal (SUB-DICIPLINE not VP__VENTILATION & PIPING)
-Sections/Elev/Cal (SUB-DICIPLINE not VPE_VENTILATION & PIPING & ELECTRICAL)
-Sections/Elev/Cal (VIEW-USE 2_SHEET)
-Sections/Elev/Cal (VIEW-USE not 1_WORK)
-Sections/Elev/Cal (VIEW-USE not 2_SHEET)
-Sections/Elev/Cal (VIEW-USE not 4_QUALITY ASSURANCE)
-V__Afkast (Exhaust = System Classification)
-V__Air Terminals
-V__Duct Accessories
-V__Ductwork
-V__Ductwork friction mindre end 0,6 Pa/m
-V__Ductwork friction støre end 0,6 Pa/m mindre end 0,8 Pa/m
-V__Ductwork friction støre end 0,8 Pa/m mindre end 1,0 Pa/m
-V__Ductwork friction støre end 1,0 Pa/m
-V__Ductwork velocity mindre end 3 m/sek
-V__Ductwork velocity støre end 3 m/sek mindre end 5 m/sek
-V__Ductwork velocity støre end 5 m/sek mindre end 7 m/sek
-V__Ductwork velocity støre end 7 m/sek mindre end 9 m/sek
-V__Ductwork velocity støre end 9 m/sek
-V__Indblæsning (Supply = System Classification)
-V__KS
-V__Mechanical Equipment ((NOT Radiatorer) AND (NOT MC_ConnectionNode_Hydraulic))
-V__Udsugning (Return = System Classification)
-V__VENTILATION, AFKAST (System Abbreviation)
-V__VENTILATION, INDBLÆSNING (System Abbreviation)
-V__VENTILATION, INDTAG (System Abbreviation)
-V__VENTILATION, UDSUGNING (System Abbreviation)
-VP__Insulation
-VP__Mechanical Equipment
-VP__Mechanical Equipment (MC Void Provision)
-VP__Mechanical Equipment (MCSH)
-VP__Mechanical Equipment (not MagiCAD_Circulation_Point)
-VP__Mechanical Equipment (not MC Void Provision)
-VP__Mechanical Equipment (NOT MC_ConnectionNode_Hydraulic)
-VP__Mechanical Equipment (not MCSH)
-VP__Mechanical Equipment (NOT Radiatorer)
-VP__Mechanical Equipment (NOT SystemClassification Air)
-VP__Mechanical Equipment (Radiatorer)
-VP__Mechanical Equipment (SystemClassification Air)
-VP__Mechanical Equipment UDSPARING Accepted
-VP__Mechanical Equipment UDSPARING Not accepted
-VP__Mechanical Equipment UDSPARING Postpone - No Action
-VP__Mechanical Equipment UDSPARING Rejected
-VP__Mechanical Equipment UDSPARING sent to production
-VPE_Is Linked In Schematic

.....Selection Filters

Quality Assurance

Detaljeret beskrivelse af viewtemplates

QA__3_C__PROVISION FOR BUILDERSWORK OPENINGS

PROVISION FOR BUILDERSWORK OPENINGS er nu Mechanical Equipments. Family Name er ændret.

QA__P_C__PROVISION FOR BUILDERSWORK OPENINGS

PROVISION FOR BUILDERSWORK OPENINGS er nu Mechanical Equipments. Family Name er ændret.

ERROR! USE THE HOME TAB TO APPLY OVERSKRIFT 1;OVERSKRIFT 1.NTI TO THE TEXT THAT YOU WANT TO APPEAR HERE.

QA__3_P__HEATING_FRICTION

SUB-DICIPLINE	P__HEATING FRICTION	<input checked="" type="checkbox"/>
VIEW USE	QUALITY ASSURANCE	<input checked="" type="checkbox"/>

Visibility/Graphic Overrides for QA__3_P__HEATING FRICTION

Model Categories Annotation Categories Analytical Model Categories Imported Categories Filters

Name	Visibility	Projection/Surface	
		Lines	Patterns
VP_Mechanical Equipment (Radiatorer)	<input checked="" type="checkbox"/>		
VP_Mechanical Equipment (SystemClassification Air)	<input type="checkbox"/>		
VP_Mechanical Equipment MC Void Provision	<input type="checkbox"/>		
P__KF - KØLING, FREM (System Abbreviation)	<input type="checkbox"/>		
P__KR - KØLING, RETUR (System Abbreviation)	<input type="checkbox"/>		
P__SPR - SPRINKLERANLÆG, RØR (System Abbreviation)	<input type="checkbox"/>		
P__BC - BRUGSVAND (#1), CIRKULATION (System Abbreviation)	<input type="checkbox"/>		
P__BK - BRUGSVAND (#1), KOLDT (System Abbreviation)	<input type="checkbox"/>		
P__BV - BRUGSVAND (#1), VARMT (System Abbreviation)	<input type="checkbox"/>		
P__Sanitary (System Classification)	<input type="checkbox"/>		
P__Pipework friction mindre end 100 Pa/m	<input checked="" type="checkbox"/>		
P__Pipework friction større end 100 Pa/m mindre end 150 Pa/m	<input checked="" type="checkbox"/>		
P__Pipework friction større end 150 Pa/m	<input checked="" type="checkbox"/>		

QA__P_P__HEATING_FRICTION

SUB-DICIPLINE	P__HEATING FRICTION	<input checked="" type="checkbox"/>
VIEW USE	QUALITY ASSURANCE	<input checked="" type="checkbox"/>

Color Schemes

Categories	Color scheme
Pipes	Pipe Color Fill - Friction
Ducts	<none>

Edit Color Scheme

Schemes Category: Pipes

Scheme Definition

Title: Pipe Color Fill - Friction Color: Friction

By value By range Edit Format... 1.235 Pa/m

At Least	Less Than	Caption	Visible	Color	Fill Pattern	Preview
	100,000 Pa/m	Less than 100 Pa/m	<input checked="" type="checkbox"/>	Green	Solid fill	
100,000 Pa/m	150,000 Pa/m	100 Pa/m - 150 Pa/m	<input checked="" type="checkbox"/>	Yellow	Solid fill	
150,000 Pa/m		150 Pa/m or more	<input checked="" type="checkbox"/>	Red	Solid fill	

QA__3_P__HEATING VELOCITY

SUB-DICIPLINE	P__HEATING VELOCITY	<input checked="" type="checkbox"/>
VIEW USE	QUALITY ASSURANCE	<input checked="" type="checkbox"/>

Visibility/Graphic Overrides for QA__3_P__HEATING VELOCITY

Model Categories Annotation Categories Analytical Model Categories Imported Categories Filters

Name	Visibility	Projection/Surface	
		Lines	Patterns
VP__Mechanical Equipment (Radiatorer)	<input checked="" type="checkbox"/>		
VP__Mechanical Equipment (SystemClassification Air)	<input type="checkbox"/>		
VP__Mechanical Equipment MC Void Provision	<input type="checkbox"/>	Override...	Override...
P__KF - KØLING, FREM (System Abbreviation)	<input type="checkbox"/>		
P__KR - KØLING, RETUR (System Abbreviation)	<input type="checkbox"/>		
P__SPR - SPRINKLERANLÆG, RØR (System Abbreviation)	<input type="checkbox"/>		
P__BC - BRUGSVAND (#1), CIRKULATION (System Abbreviation)	<input type="checkbox"/>		
P__BK - BRUGSVAND (#1), KOLDT (System Abbreviation)	<input type="checkbox"/>		
P__BV - BRUGSVAND (#1), VARMT (System Abbreviation)	<input type="checkbox"/>		
P__Sanitary (System Classification)	<input type="checkbox"/>		
P__Pipework velocity mindre end 0,25 m/sek	<input checked="" type="checkbox"/>		
P__Pipework velocity større end 0,25 m/sek og mindre end 0,50 m...	<input checked="" type="checkbox"/>		
P__Pipework velocity større end 0,50 m/sek og mindre end 0,75 m...	<input checked="" type="checkbox"/>		
P__Pipework velocity større end 0,75 m/sek og mindre end 1,00 m...	<input checked="" type="checkbox"/>		
P__Pipework velocity større end 1,00 m/sek	<input checked="" type="checkbox"/>		

QA__P_P__VELOCITY

SUB-DICIPLINE	P__HEATING VELOCITY
VIEW USE	QUALITY ASSURANCE

Color Schemes

Categories	Color scheme
Pipes	Pipe Color Fill - Velocity
Ducts	<none>

Edit Color Scheme

Schemes Category: Pipes

Scheme Definition

Title: Pipe Color Fill - Friction Color: Velocity By value By range Edit Format... 1234,6 m/s

At Least	Less Than	Caption	Visible	Color	Fill Pattern	Preview
	0,25 m/s	Less than 0,3 m/s	<input checked="" type="checkbox"/>		Solid fill	
0,25 m/s	0,50 m/s	0,3 m/s - 0,5 m/s	<input checked="" type="checkbox"/>		Solid fill	
0,50 m/s	0,75 m/s	0,5 m/s - 0,8 m/s	<input checked="" type="checkbox"/>		Solid fill	
0,75 m/s	1,00 m/s	0,8 m/s - 1,0 m/s	<input checked="" type="checkbox"/>		Solid fill	
1,00 m/s		1,0 m/s or more	<input checked="" type="checkbox"/>		Solid fill	

ERROR! USE THE HOME TAB TO APPLY OVERSKRIFT 1;OVERSKRIFT 1.NTI TO THE TEXT THAT YOU WANT TO APPEAR HERE.

QA__3_V__FRICTION

SUB-DICIPLINE	V__FRICTION	<input checked="" type="checkbox"/>
VIEW USE	QUALITY ASSURANCE	<input checked="" type="checkbox"/>

Visibility/Graphic Overrides for QA__3_V__FRICTION

Model Categories Annotation Categories Analytical Model Categories Imported Categories Filters

Name	Visibility	Projection/Surface	
		Lines	Patterns
VP_Mechanical Equipment (NOT SystemClassification Air)	<input type="checkbox"/>		
V__Ductwork friction mindre end 0,6 Pa/m	<input checked="" type="checkbox"/>		
V__Ductwork friction større end 0,6 Pa/m mindre end 0,8 Pa/m	<input checked="" type="checkbox"/>		
V__Ductwork friction større end 0,8 Pa/m mindre end 1,0 Pa/m	<input checked="" type="checkbox"/>		
V__Ductwork friction større end 1,0 Pa/m	<input checked="" type="checkbox"/>		

QA__P_V__FRICTION

SUB-DICIPLINE	V__FRICTION
VIEW USE	QUALITY ASSURANCE

Color Schemes

Categories	Color scheme
Pipes	<none>
Ducts	Duct Color Fill - Friction

ERROR! USE THE HOME TAB TO APPLY OVERSKRIFT 1;OVERSKRIFT 1.NTI TO THE TEXT THAT YOU WANT TO APPEAR HERE.

QA__3_V__VELOCITY

SUB-DICIPLINE	V__VELOCITY	<input checked="" type="checkbox"/>
VIEW USE	QUALITY ASSURANCE	<input checked="" type="checkbox"/>

Visibility/Graphic Overrides for QA__3_V__VELOCITY

Model Categories Annotation Categories Analytical Model Categories Imported Categories Filters

Name	Visibility	Projection/Surface	
		Lines	Patterns
VP_Mechanical Equipment (NOT SystemClassification Air)	<input type="checkbox"/>		
V__Ductwork velocity mindre end 3 m/sek	<input checked="" type="checkbox"/>		
V__Ductwork velocity større end 3 m/sek mindre end 5 m/sek	<input checked="" type="checkbox"/>		
V__Ductwork velocity større end 5 m/sek mindre end 7 m/sek	<input checked="" type="checkbox"/>		
V__Ductwork velocity større end 7 m/sek mindre end 9 m/sek	<input checked="" type="checkbox"/>		
V__Ductwork velocity større end 9 m/sek	<input checked="" type="checkbox"/>		

QA__P_V__VELOCITY

SUB-DICIPLINE	V__VELOCITY
VIEW USE	QUALITY ASSURANCE

Color Schemes

Categories	Color scheme
Pipes	<none>
Ducts	Duct Color Fill - Velocity

ERROR! USE THE HOME TAB TO APPLY OVERSKRIFT 1;OVERSKRIFT 1.NTI TO THE TEXT THAT YOU WANT TO APPEAR HERE.

QA__P_V__SPACE SOUND

SUB-DICIPLINE	V__SPACE SOUND	<input checked="" type="checkbox"/>
VIEW USE	QUALITY ASSURANCE	<input checked="" type="checkbox"/>

Edit Color Scheme

Schemes

Category:

Spaces

(none)

Schema 1

MC Sound Level LpA

Scheme Definition






Title: Schema 1 Legend

Color: MC Sound Level LpA

By value

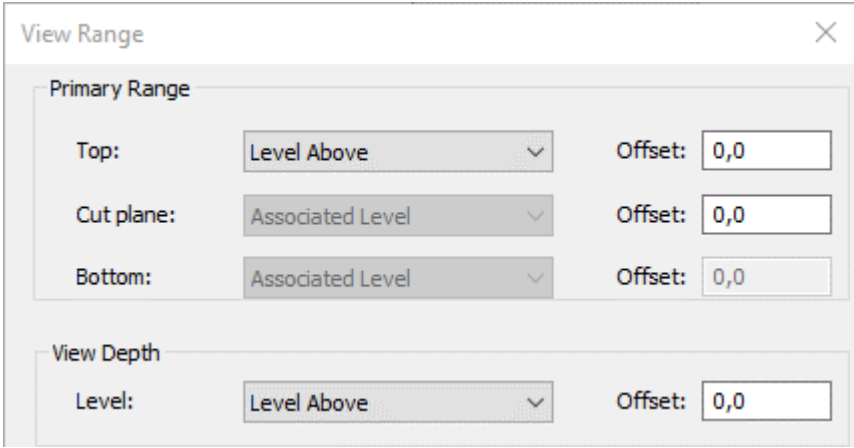
By range

Edit Format... 1234,56789

At Least	Less Than	Caption	Visible	Color	Fill Pattern	Preview
	27,000000	Less than 27	<input checked="" type="checkbox"/>	Green	Solid fill	
27,000000	30,000000	27 - 30	<input checked="" type="checkbox"/>	RGB 128-128-000	Solid fill	
30,000000	33,000000	30 - 33	<input checked="" type="checkbox"/>	Yellow	Solid fill	
33,000000	36,000000	33 - 36	<input checked="" type="checkbox"/>	RGB 255-128-064	Solid fill	
36,000000		36 or more	<input checked="" type="checkbox"/>	Red	Solid fill	

Ceiling Planes

På alle **WORK** loftplaner er View Range ændret så komponenterne ses straks de indsættes.



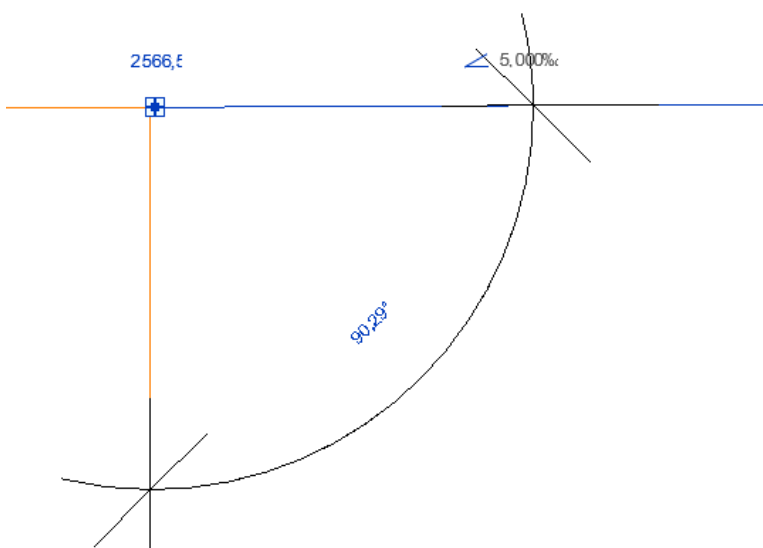
View Range		
Primary Range		
Top:	Level Above	Offset: 0,0
Cut plane:	Associated Level	Offset: 0,0
Bottom:	Associated Level	Offset: 0,0
View Depth		
Level:	Level Above	Offset: 0,0

Kanalserier, rørserier og kabelbakker

Rørserier

Stålrør, middelsvære

Der er i en tidligere lokalisering blevet tilføjet en T-fitingfitting – **NTI Fitting – 90 med vrid** - der gør det muligt at tegne og tilslutte sprinkleranlæg med fald.



Denne fitting er fremragende når der modelleres sprinklerrør, men den er ikke så god når Pipe Connection anvendes til at genere rørlayouts.

I denne version af lokaliseringen anvendes i rørtypen **Stålrør, middelsvære** som standard en fitting som er optimal i forbindelse med anvendelse af Pipe Connection til generering af rørlayouts.

Hvis der projekteres sprinkler anbefales det at tilpasse Pipe Typen **Stålrør, middelsvære** så der anvendes T-fittingen **NTI Fitting – 90 med vrid**.

Kabelbakker

Type Properties

Family: System Family: Cable Tray with Fittings Load...

Type: ALMENFØRINGSVEJ Duplicate... Rename...

Type Parameters

Parameter	Value
Electrical	
Bend Radius Multiplier	1.000000
Electrical Engineering	
MC EXE Class	
MC IP Class	
Fittings	
Horizontal Bend	RS_69_CTF_UN_CHANNEL-HORIZ-BEND_GEN_MC; ALMENFØRINGSVEJ_RS_69_CTF_UN_CHANNEL-HORIZ-BEND_GEN_MC 2
Vertical Inside Bend	RS_69_CTF_UN_CHANNEL-VERT-INS-BEND-R10_GEN_MC; ALMENFØRINGSVEJ_RS_69_CTF_UN_CHANNEL-VERT-INS-BEND-R10_GEN_MC 2
Vertical Outside Bend	RS_69_CTF_UN_CHANNEL-VERT-OUTS-BEND-R10_GEN_MC; ALMENFØRINGSVEJ_RS_69_CTF_UN_CHANNEL-VERT-OUTS-BEND-R10_GEN_MC 2
Tee	RS_69_CTF_UN_CHANNEL-HORIZ-TEE_GEN_MC; ALMENFØRINGSVEJ_RS_69_CTF_UN_CHANNEL-HORIZ-TEE_GEN_MC 2
Cross	RS_69_CTF_UN_CHANNEL-HORIZ-CROSS_GEN_MC; ALMENFØRINGSVEJ_RS_69_CTF_UN_CHANNEL-HORIZ-CROSS_GEN_MC 2
Transition	RS_69_CTF_UN_CHANNEL-REDUCER_GEN_MC; ALMENFØRINGSVEJ_RS_69_CTF_UN_CHANNEL-REDUCER_GEN_MC 2
Union	RS_69_CTF_UN_CHANNEL-UNION_GEN_MC; ALMENFØRINGSVEJ_RS_69_CTF_UN_CHANNEL-UNION_GEN_MC 2
Dimensions	
MC Height	
MC Length	
MC Width	
Identity Data	
Type Image	
Keynote	
Model	
Manufacturer	MC Cable Tray Series and Fittings
Type Comments	
URL	
Description	ALMENFØRINGSVEJ
Assembly Description	
Assembly Code	
Type Mark	
Cost	
MC Installation Code Type	
MC Material Code	
MC National Code	
MC Product Variable 1	
MC Product Variable 2	
MC Product Variable 3	
MC Product Variable 4	
MC Product Variable 5	
MC User Code	

<< Preview OK Cancel Apply

ERROR! USE THE HOME TAB TO APPLY OVERSKRIFT 1;OVERSKRIFT 1.NTI TO THE TEXT THAT YOU WANT TO APPEAR HERE.

Type Properties

Family: System Family: Cable Tray with Fittings Load...

Type: GITTERBAKKE Duplicate...

Rename...

Type Parameters

Parameter	Value
Electrical	
Bend Radius Multiplier	1.000000
Electrical Engineering	
MC EXE Class	
MC IP Class	
Fittings	
Horizontal Bend	RS_69_CTF_UN_CHANNEL-HORIZ-BEND_GEN_MC: GITTERBAKKE_RS_69_CTF_UN_CHANNEL-HORIZ-BEND_GEN_MC 2
Vertical Inside Bend	RS_69_CTF_UN_CHANNEL-VERT-INS-BEND-R10_GEN_MC: GITTERBAKKE_RS_69_CTF_UN_CHANNEL-VERT-INS-BEND-R10_GEN_MC 2
Vertical Outside Bend	RS_69_CTF_UN_CHANNEL-VERT-OUTS-BEND-R10_GEN_MC: GITTERBAKKE_RS_69_CTF_UN_CHANNEL-VERT-OUTS-BEND-R10_GEN_MC 2
Tee	RS_69_CTF_UN_CHANNEL-HORIZ-TEE_GEN_MC: GITTERBAKKE_RS_69_CTF_UN_CHANNEL-HORIZ-TEE_GEN_MC 2
Cross	RS_69_CTF_UN_CHANNEL-HORIZ-CROSS_GEN_MC: GITTERBAKKE_RS_69_CTF_UN_CHANNEL-HORIZ-CROSS_GEN_MC 2
Transition	RS_69_CTF_UN_CHANNEL-REDUCER_GEN_MC: GITTERBAKKE_RS_69_CTF_UN_CHANNEL-REDUCER_GEN_MC 2
Union	RS_69_CTF_UN_CHANNEL-UNION_GEN_MC: GITTERBAKKE_RS_69_CTF_UN_CHANNEL-UNION_GEN_MC 2
Dimensions	
MC Height	
MC Length	
MC Width	
Identity Data	
Type Image	
Keynote	
Model	GB
Manufacturer	MC Cable Tray Series and Fittings
Type Comments	
URL	
Description	GITTERBAKKE
Assembly Description	
Assembly Code	
Type Mark	
Cost	
MC Installation Code Type	
MC Material Code	GB
MC National Code	
MC Product Variable 1	
MC Product Variable 2	
MC Product Variable 3	
MC Product Variable 4	
MC Product Variable 5	
MC User Code	GB

<< Preview OK Cancel Apply

ERROR! USE THE HOME TAB TO APPLY OVERSKRIFT 1;OVERSKRIFT 1.NTI TO THE TEXT THAT YOU WANT TO APPEAR HERE.

Type Properties

Family: System Family: Cable Tray with Fittings Load...

Type: KABELBAKKE Duplicate...

Rename...

Type Parameters

Parameter	Value
Electrical	
Bend Radius Multiplier	1.000000
Electrical Engineering	
MC EXE Class	
MC IP Class	
Fittings	
Horizontal Bend	RS_69_CTF_UN_CHANNEL-HORIZ-BEND_GEN_MC; KABELBAKKE_RS_69_CTF_UN_CHANNEL-HORIZ-BEND_GEN_MC 2
Vertical Inside Bend	RS_69_CTF_UN_CHANNEL-VERT-INS-BEND-R10_GEN_MC; KABELBAKKE_RS_69_CTF_UN_CHANNEL-VERT-INS-BEND-R10_GEN_MC 2
Vertical Outside Bend	RS_69_CTF_UN_CHANNEL-VERT-OUTS-BEND-R10_GEN_MC; KABELBAKKE_RS_69_CTF_UN_CHANNEL-VERT-OUTS-BEND-R10_GEN_MC 2
Tee	RS_69_CTF_UN_CHANNEL-HORIZ-TEE_GEN_MC; KABELBAKKE_RS_69_CTF_UN_CHANNEL-HORIZ-TEE_GEN_MC 2
Cross	RS_69_CTF_UN_CHANNEL-HORIZ-CROSS_GEN_MC; KABELBAKKE_RS_69_CTF_UN_CHANNEL-HORIZ-CROSS_GEN_MC 2
Transition	RS_69_CTF_UN_CHANNEL-REDUCER_GEN_MC; KABELBAKKE_RS_69_CTF_UN_CHANNEL-REDUCER_GEN_MC 2
Union	RS_69_CTF_UN_CHANNEL-UNION_GEN_MC; KABELBAKKE_RS_69_CTF_UN_CHANNEL-UNION_GEN_MC 2
Dimensions	
MC Height	
MC Length	
MC Width	
Identity Data	
Type Image	
Keynote	
Model	KB
Manufacturer	MC Cable Tray Series and Fittings
Type Comments	
URL	
Description	KABELBAKKE
Assembly Description	
Assembly Code	
Type Mark	
Cost	
MC Installation Code Type	
MC Material Code	KB
MC National Code	
MC Product Variable 1	
MC Product Variable 2	
MC Product Variable 3	
MC Product Variable 4	
MC Product Variable 5	
MC User Code	KB

<< Preview OK Cancel Apply

ERROR! USE THE HOME TAB TO APPLY OVERSKRIFT 1;OVERSKRIFT 1.NTI TO THE TEXT THAT YOU WANT TO APPEAR HERE.

Type Properties

Family: System Family: Cable Tray with Fittings Load...

Type: KABELSTIGE Duplicate...

Rename...

Type Parameters

Parameter	Value
Electrical	
Bend Radius Multiplier	1.000000
Electrical Engineering	
MC EXE Class	
MC IP Class	
Fittings	
Horizontal Bend	RS_69_CTF_UN_LADDER-HORIZ-BEND_GEN_MC; RS_69_CTF_UN_LADDER-HORIZ-BEND_GEN_MC
Vertical Inside Bend	RS_69_CTF_UN_LADDER-VERT-INS-BEND-R10_GEN_MC; RS_69_CTF_UN_LADDER-VERT-INS-BEND-R10_GEN_MC
Vertical Outside Bend	RS_69_CTF_UN_LADDER-VERT-OUTS-BEND-R10_GEN_MC; RS_69_CTF_UN_LADDER-VERT-OUTS-BEND-R10_GEN_MC
Tee	RS_69_CTF_UN_LADDER-HORIZ-TEE_GEN_MC; RS_69_CTF_UN_LADDER-HORIZ-TEE_GEN_MC
Cross	RS_69_CTF_UN_LADDER-HORIZ-CROSS_GEN_MC; RS_69_CTF_UN_LADDER-HORIZ-CROSS_GEN_MC
Transition	RS_69_CTF_UN_LADDER-REDUCER_GEN_MC; RS_69_CTF_UN_LADDER-REDUCER_GEN_MC
Union	RS_69_CTF_UN_LADDER-UNION_GEN_MC; RS_69_CTF_UN_LADDER-UNION_GEN_MC
Dimensions	
MC Height	
MC Length	
MC Width	
Identity Data	
Type Image	
Keynote	
Model	KS
Manufacturer	MC Cable Tray Series and Fittings
Type Comments	
URL	
Description	KABELSTIGE
Assembly Description	
Assembly Code	
Type Mark	
Cost	
MC Installation Code Type	
MC Material Code	KS
MC National Code	
MC Product Variable 1	
MC Product Variable 2	
MC Product Variable 3	
MC Product Variable 4	
MC Product Variable 5	
MC User Code	KS

<< Preview OK Cancel Apply

ERROR! USE THE HOME TAB TO APPLY OVERSKRIFT 1;OVERSKRIFT 1.NTI TO THE TEXT THAT YOU WANT TO APPEAR HERE.

Type Properties

Family: System Family: Cable Tray with Fittings Load...

Type: xgl_ALMENFØRINGSVEJ Duplicate...

Rename...

Type Parameters

Parameter	Value
Electrical	
Bend Radius Multiplier	1.000000
Electrical Engineering	
MC EXE Class	
MC IP Class	
Fittings	
Horizontal Bend	M_Channel Horizontal Bend: ALMENFØRINGSVEJ
Vertical Inside Bend	M_Channel Vertical Inside Bend: ALMENFØRINGSVEJ
Vertical Outside Bend	M_Channel Vertical Outside Bend: ALMENFØRINGSVEJ
Tee	M_Channel Horizontal Tee: ALMENFØRINGSVEJ
Cross	M_Channel Horizontal Cross: ALMENFØRINGSVEJ
Transition	M_Channel Reducer: ALMENFØRINGSVEJ
Union	M_Channel Union: ALMENFØRINGSVEJ
Dimensions	
MC Height	
MC Length	
MC Width	
Identity Data	
Type Image	
Keynote	
Model	
Manufacturer	
Type Comments	
URL	
Description	
Assembly Description	
Assembly Code	
Type Mark	
Cost	
MC Installation Code Type	
MC Material Code	
MC National Code	
MC Product Variable 1	
MC Product Variable 2	
MC Product Variable 3	
MC Product Variable 4	
MC Product Variable 5	
MC User Code	

<< Preview OK Cancel Apply

ERROR! USE THE HOME TAB TO APPLY OVERSKRIFT 1;OVERSKRIFT 1.NTI TO THE TEXT THAT YOU WANT TO APPEAR HERE.

Type Properties

Family: System Family: Cable Tray with Fittings Load...

Type: xgl_GITTERBAKKE Duplicate...

Rename...

Type Parameters

Parameter	Value
Electrical	
Bend Radius Multiplier	1.000000
Electrical Engineering	
MC EXE Class	
MC IP Class	
Fittings	
Horizontal Bend	M_Channel Horizontal Bend: GITTERBAKKE
Vertical Inside Bend	M_Channel Vertical Inside Bend: GITTERBAKKE
Vertical Outside Bend	M_Channel Vertical Outside Bend: GITTERBAKKE
Tee	M_Channel Horizontal Tee: GITTERBAKKE
Cross	M_Channel Horizontal Cross: GITTERBAKKE
Transition	M_Channel Reducer: GITTERBAKKE
Union	M_Channel Union: GITTERBAKKE
Dimensions	
MC Height	
MC Length	
MC Width	
Identity Data	
Type Image	
Keynote	
Model	GB
Manufacturer	
Type Comments	
URL	
Description	
Assembly Description	
Assembly Code	
Type Mark	
Cost	
MC Installation Code Type	
MC Material Code	
MC National Code	
MC Product Variable 1	
MC Product Variable 2	
MC Product Variable 3	
MC Product Variable 4	
MC Product Variable 5	
MC User Code	

<< Preview OK Cancel Apply

ERROR! USE THE HOME TAB TO APPLY OVERSKRIFT 1;OVERSKRIFT 1.NTI TO THE TEXT THAT YOU WANT TO APPEAR HERE.

Type Properties

Family: System Family: Cable Tray with Fittings Load...

Type: xgl_KABELBAKKE Duplicate...

Rename...

Type Parameters

Parameter	Value
Electrical	
Bend Radius Multiplier	1.000000
Electrical Engineering	
MC EXE Class	
MC IP Class	
Fittings	
Horizontal Bend	M_Channel Horizontal Bend: KABELBAKKE
Vertical Inside Bend	M_Channel Vertical Inside Bend: KABELBAKKE
Vertical Outside Bend	M_Channel Vertical Outside Bend: KABELBAKKE
Tee	M_Channel Horizontal Tee: KABELBAKKE
Cross	M_Channel Horizontal Cross: KABELBAKKE
Transition	M_Channel Reducer: KABELBAKKE
Union	M_Channel Union: KABELBAKKE
Dimensions	
MC Height	
MC Length	
MC Width	
Identity Data	
Type Image	
Keynote	
Model	KB
Manufacturer	
Type Comments	
URL	
Description	
Assembly Description	
Assembly Code	
Type Mark	
Cost	
MC Installation Code Type	
MC Material Code	
MC National Code	
MC Product Variable 1	
MC Product Variable 2	
MC Product Variable 3	
MC Product Variable 4	
MC Product Variable 5	
MC User Code	

<< Preview OK Cancel Apply

ERROR! USE THE HOME TAB TO APPLY OVERSKRIFT 1;OVERSKRIFT 1.NTI TO THE TEXT THAT YOU WANT TO APPEAR HERE.

Type Properties

Family: System Family: Cable Tray with Fittings Load...

Type: xgl_KABELSTIGE Duplicate...

Rename...

Type Parameters

Parameter	Value
Electrical	
Bend Radius Multiplier	1.000000
Electrical Engineering	
MC EXE Class	
MC IP Class	
Fittings	
Horizontal Bend	M_Ladder Horizontal Bend: KABELSTIGE
Vertical Inside Bend	M_Ladder Vertical Inside Bend: KABELSTIGE
Vertical Outside Bend	M_Ladder Vertical Outside Bend: KABELSTIGE
Tee	M_Ladder Horizontal Tee: KABELSTIGE
Cross	M_Ladder Horizontal Cross: KABELSTIGE
Transition	M_Ladder Reducer: KABELSTIGE
Union	M_Ladder Union: KABELSTIGE
Dimensions	
MC Height	
MC Length	
MC Width	
Identity Data	
Type Image	
Keynote	
Model	KS
Manufacturer	
Type Comments	
URL	
Description	
Assembly Description	
Assembly Code	
Type Mark	
Cost	
MC Installation Code Type	
MC Material Code	
MC National Code	
MC Product Variable 1	
MC Product Variable 2	
MC Product Variable 3	
MC Product Variable 4	
MC Product Variable 5	
MC User Code	

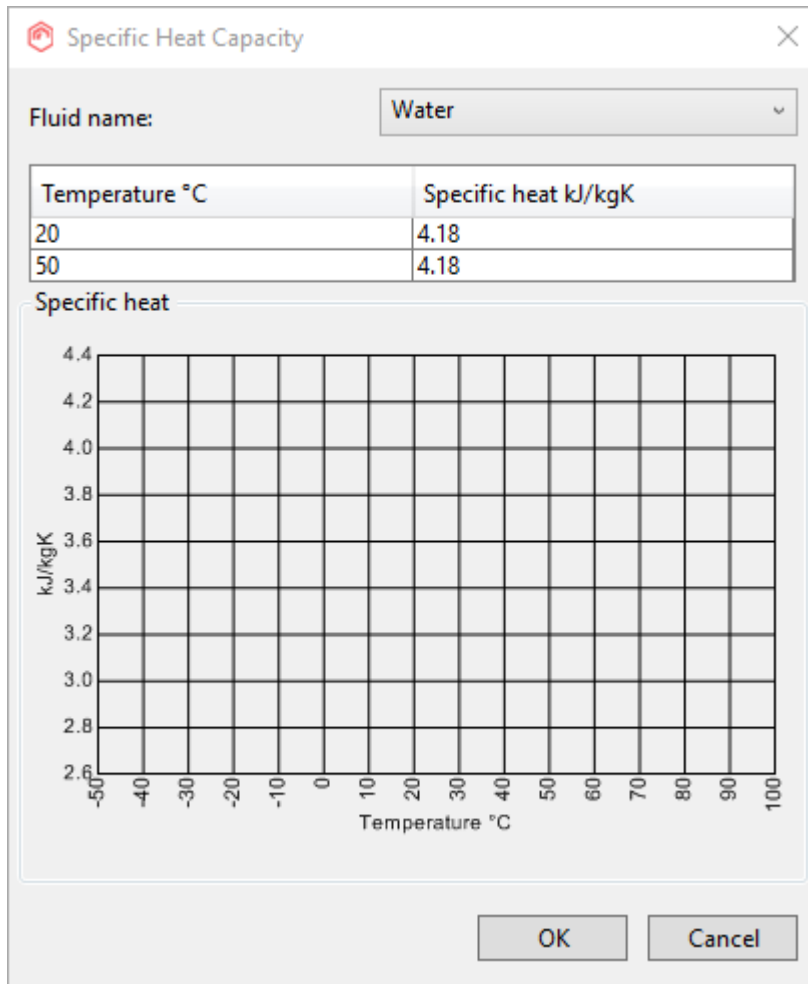
<< Preview OK Cancel Apply

Tag

Diverse tags er opdaterede.

Specific Heat Capacity

Denne er ændret for vand



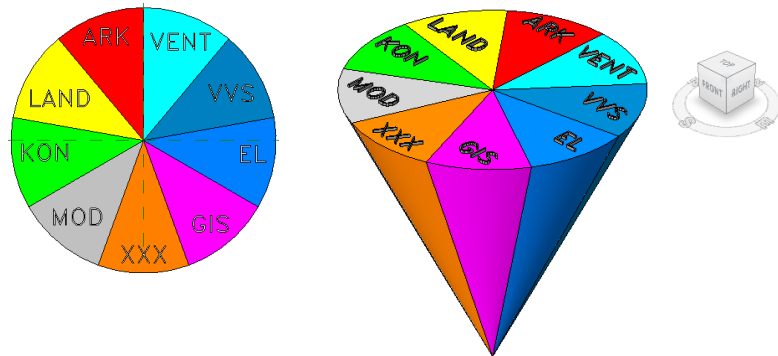
ERROR! USE THE HOME TAB TO APPLY OVERSKRIFT 1;OVERSKRIFT 1.NTI TO THE TEXT THAT YOU WANT TO APPEAR HERE.

Origin_Marker

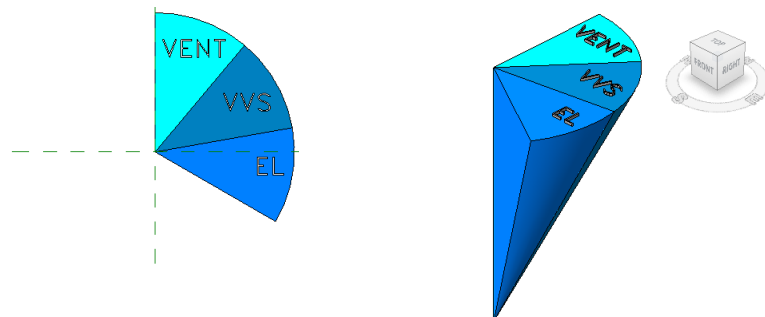
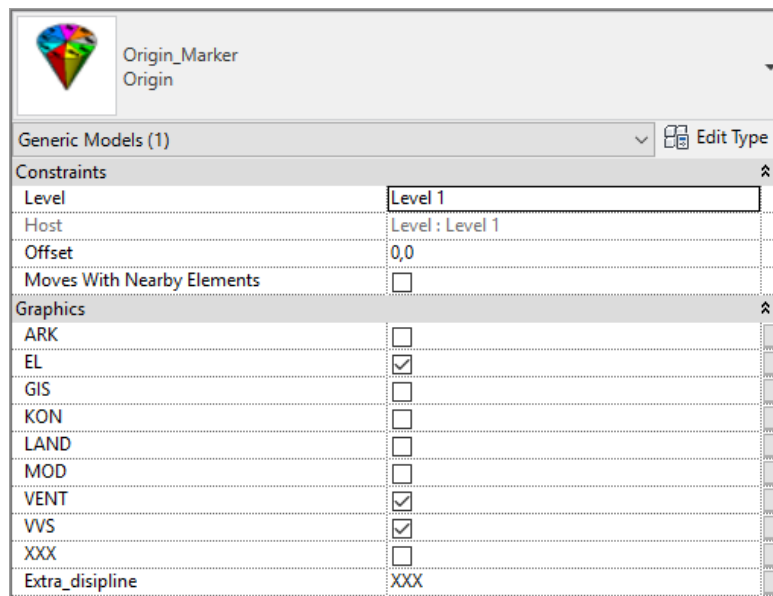
NTI har lavet en Origin_Marker, som angiver Revits Origin.

I plan og 3D ser markeren således ud.

Pilespidsen ligger i Z=0



Således kan hvert faggruppe tænde for deres del og nemt kontrollere at modellerne ligger rigtigt i forhold til hinanden





ERROR! USE THE HOME TAB TO APPLY OVERSKRIFT 1;OVERSKRIFT 1.NTI TO THE TEXT THAT YOU WANT TO APPEAR HERE.

Stikordsregister

Indholdsfortegnelse; 2

NTI CADcenter A/S; 1