

# Appendix 1

to CAD manual

Naming model-, drawing- and discipline data files

Initials	Version	Date	Log
SBAC SHSH XAMBI XLESO	01.00	07-10-2015	First Edition
IBFB XLESO XAMBI	01.01	20-04-2016	Changes to discipline codes, added BTR. Changes are highlighted. Punction mark changed to dash (-)

Naming of model files											
File type	Contract (3 characters)	Discipline	Punctuation mark	Punctuation mark	Locality (6 characters)	Punctuation mark	Type	Punctuation mark	Theme	Punctuation mark	Serial number
M = Modelfile	BDK = Banedanmark	A = Drainage	-	-	LLLLLL = Start stationing / kilometers  or  Object no.  or  XXXXXX = Tender package ID	-	0 = General	-	AFM = Marking	-	001-999*  or Type of Utility Axx = Sewage Exx = El Fxx = District heating Gxx = Gas Oxx = Oil Txx = Tele com. Vxx = Water  XX is a serial number 01-99
	XXX = Contract	B = Bridges					1 = Plan		AFV = Drainage, pipes & manholes		
	YYY = Consultant	C = Catenary					2 = Front view		AFS = Setting out		
		D = Scada					3 = Section		APT = Accommodation / outfitting		
		E = Power supply					4 = Profile		ARB = Work Area		
		F = Utility					5 = Detail		ARM = Reinforcement		
		G = Geotechnic					6 = Diagram		BAS = Basin		
		H = Tracks					8 = 3D model		BEL = Lighting		
		I = Maps					9 = Visualization		BLG = Top dressing		
		K = Structures and buildings					= Unspecified		BOR = Drilling		
		L = Landscape							BYG = Building		
		M = Environment							EKS = Existing		
		P = Platforms							EXP = Expropriation		
		R = Signal (sikring)							FAU = Fauna Passages		
		V = Roads							FRP = Clearance Profile		
		U = Earthing/BPU							FOV = Routing		
		X = General							GRK = Basis maps		
		Z = Expropriation							GVS = Ground water level		
									INT = Interim		
									INS = Installation		
									LIN = Alignment		
									MTR = Cadastre		
									OBG = Superstructure		
									OPB = Break Up		
									OPM = Survey		
									PER = Platform		
									KOR = Corridor Geometry		
									SIG = Signal		
									SKL = Boundary for ownership / contract limits		
									SPU = Sheet piling		
									SSM = Noise screen		
									SOI = Sub Soil		
									TRF = Traffic regulation		
			TUN = Tunnel								
			TXT = Annotation								
			SPA = Spoil Area								
			RET = Retaining wall								
			UBG = Substructure								
			UDG = Excavation								

Example:

**MXXXH-02-250100-8-FRP-001.DGN** = Modelfile, Contract, Tracks, BTR no., St. 250+100, 3D, Clearance Profile, Serial number

**MXXXF-02-065200-1-EKS-G01.DGN** = Modelfile, Contract, Utility, BTR no., St. 65+200, Plan, Existing utilities, gas utility owner no 1

\* If the tender includes stages (stadier) the optional number 001-999, the two first cifres must describe the stage the model belongs to.

Example:

**MXXXR-02-TPXX\_\_-8-LI-N-071.DGN** = Modelfile, Contract, Signal(sikring), BTR no., Tender Package, 3D, Alignment\_Stage + serial number

Naming of drawing files										
File type	Contract (3 characters)	Phase	Punctuation mark	Discipline	Punctuation mark	Locality 1 (2 characters)	Punctuation mark	Locality 1 (6 characters)	Punctuation mark	Serial number
T = Drawingfile	BDK = Banedanmark	A = Conceptual design	-	A = Drainage	-	The first 2 characters in BTR no.	-	LLLLLL = Start stationing/kilometers or Object no.	-	001-999*
	XXX = Contract	B = Preliminary design		B = Bridges						
	YYY = Consultant	C = Basic design		C = Catenary						
		D = Detailed design		D = Scada						
		E = For construction		E = Power supply						
				F = Utility						
				G = Geotechnic						
				H = Tracks						
				I = Maps						
				K = Structures and buildings						
				L = Landscape						
				M = Environment						
				P = Platforms						
				R = Signal (sikring)						
				V = Roads						
		U = Earthing/BPU								
		X = General								
		Z = Expropriation								

Example:

**TXXXXA-B-02-17350\_-014.pdf** = Drawingfile, Contract, Conceptual design, Bridges, BTR no., Object no, No 014

**TXXXC-F-02-009200-001.pdf** = Drawingfile, Contract, Basic design, Utility, BTR no., Start st. 9+200, No 001

\*If the tender includes stages (stadier) the optional number 001-999, the two first cifres must describe the stage the model belongs to.

Example:

**TXXXB-B-02-009200-071.pdf** = Drawingfile, Contract, Preliminary design, Bridges, BTR no., Stationing, Stage + serial number

**Naming of discipline data files**

**Alignment files (ALG/XML)**

Contract (3 characters)	Punctuation mark	Locality 1 (2 characters)	Punctuation mark	Locality 2 (6 characters)	Punctuation mark	Discipline	Punctuation mark	Date
BDK = Banedanmark	-	The first 2 characters in BTR no.	-	LLLLLL = Start stationing / kilometers or Object no.	-	A = Drainage	-	YYYYMMDD
XXX = Contract						B = Bridges		
YYY = Consultant						C = Catenary		
						D = Scada		
	E = Power supply							
	F = Utility							
	G = Geotechnic							
	H = Tracks							
	I = Maps							
	J = Soil Engineering							
	K = Construction							
	L = Landscape							
	M = Environment							
	P = Platforms							
	R = Signal (sikring)							
	V = Roads							
	U = Earthing/BPU							
	X = General							
	Z = Expropriation							

Example:  
**XXX-02-003500-H-20150616.alg** = Contract XXX, BTR no., station start 3+500, Track, date 2015.06.16

**Naming of discipline data files**

**Geometry project**

Contract (3 characters)	Punctuation mark	Locality 1 (2 characters)	Punctuation mark	Locality 2 (6 characters)	Punctuation mark	End locality (Optional)
BDK = Banedanmark	-	The first 2 characters in BTR no.	-	LLLLLL = Start stationing / kilometers or Object no.	-	EEEEEE = End Stationing / kilometers
XXX = Contract						
YYY = Consultant						

Example:  
**XXX-02-003500** = Contract XXX, BTR no., station start 3+500

**Horizontal alignment**

File	Punctuation mark	Status	Punctuation mark	Locality 2 (6 characters)	Punctuation mark	Track	Punctuation mark	Alternative
H = Horizontal	-	EX = Existing	-	LLLLLL = Start stationing / kilometers or Object no.	-	RT = Right track	-	01-99
		PR = Design				LT = Left track		
						Track number		
						PL = Platform		

Example:  
**H-PR-003500-RT-01** = Horizontal alignment, Design, station start 3+500, Right track, no 1

**Vertical alignment and Cant**

File	Punctuation mark	Status	Punctuation mark	Locality 2 (6 characters)	Punctuation mark	Track	Punctuation mark	Alternative
V = Vertical	-	EX = Existing	-	LLLLLL = Start stationing / kilometers or Object no.	-	RT = Right track	-	01-99
C = Cant		PR = Design				LT = Left track		
						Track number		
						PL = Platform		

Example:  
**V-EX-003500-RT-01** = Vertical alignment, Existing, station start 3+500, Right track, no 1

**Turnout**

File	Punctuation mark	Status	Punctuation mark	Turnout name	Punctuation mark	Track
T = Turnout	-	EX = Existing	-	From TekData	-	RT = Right track
		PR = Design				LT = Left track
						Track number

Example:  
**T-PR-XXXX-RT** = Turnout, Design, Turnout name 10, Right track

**Naming of discipline data files**

**Surface files (DTM/XML)**

Status	Punctuation mark	Contract (3 characters)	Punctuation mark	Discipline	Punctuation mark	Locality 1 (2 characters)	Punctuation mark	Locality 2 (6 characters)	Punctuation mark	Number (Optional)
EX = Existing	-	BDK = Banedanmark	-	A = Drainage	-	The first 2 characters in BTR no.	-	LLLLLL = Start stationing / kilometers or Object no.	-	01-99
PR = Project /design		XXX = Contract		B = Bridges						
		YYY = Consultant		C = Catenary						
				D = Scada						
				E = Power supply						
				F = Utility						
				G = Geotechnic						
				H = Tracks						
				I = Maps						
				K = Structures and						
		L = Landscape								
		M = Environment								
		P = Platforms								
		R = Signal (sikring)								
		V = Roads								
		U = Earthing/BPU								
		X = General								
		Z = Expropriation								

The version shall be register in the files properties i the field "Subject".

Example:

**PR-XXX-R-02-003500-01.dtm** = Design, Contract XXX, Signal(sikring), BTR no., station start 3+500, no 1

**Naming of interdisciplinary- and assembly files**

**Interdisciplinary files**

File type	Contract (3 characters)	Phase	Punctuation mark	Locality 1 (2 characters)	Punctuation mark	Locality 2 (6 characters)	Punctuation mark	Type	Punctuation mark	Serial number (optional)
I = Interdisciplinary	BDK = Banedanmark	A = Conceptual design	-	The first 2 characters in BTR no.	-	LLLLLL = Start stationing / kilometers or Object no.	-	0 = General	-	001-999
	XXX = Contract	B = Preliminary design						1 = Plan		
	YYY = Consultant	C = Basic design						2 = Front view		
		D = Detailed design						3 = Section		
		E = For construction						4 = Profile		
		F = As-built						5 = Detail		
								6 = Diagram		
		8 = 3D model								
		9 = Visualization								
		- = Unspecified								

Example:

**IXXXB-02-004500-8-001.dgn** = Interdisciplinary, Contract XXX, Preliminary design, BTR no., station start 4+500, 3D model, no 1

**IXXXA-02-003500-8-001.dgn** = Interdisciplinary, Contract XXX, Conceptual design, BTR no., station start 3+500, 3D model, no 1

**Assembly files**

File type	Contract (3 characters)	Phase	Punctuation mark	Discipline	Punctuation mark	Locality 1 (2 characters)	Punctuation mark	Locality 2 (6 characters)	Punctuation mark	Type	Punctuation mark	Serial number (optional)
C = Assembly	BDK = Banedanmark	A = Conceptual design	-	A = Drainage	-	The first 2 characters in BTR no.	-	LLLLLL = Start stationing / kilometers or Object no.	-	0 = General	-	001-999
	XXX = Contract	B = Preliminary design		B = Bridges						1 = Plan		
	YYY = Consultant	C = Basic design		C = Catenary						2 = Front view		
		D = Detailed design		D = Scada						3 = Section		
		E = For construction		E = Power supply						4 = Profile		
		F = As-built		F = Utility						5 = Detail		
				G = Geotechnic						6 = Diagram		
				H = Tracks						8 = 3D model		
				I = Maps						9 = Visualization		
				K = Structures and buildings						- = Unspecified		
				L = Landscape								
				M = Environment								
				P = Platforms								
				R = Signal (sikring)								
				V = Roads								
				U = Earthing/BPU								
		X = General										
		Z = Expropriation										

Example:

**CXXXC-L-02-003500-9-001.dgn** = Assembly, Contract XXX, Basic design, Landscape, BTR no., station start 3+500, Visualization, no 1

Banedanmark

**Sketch files**

File type	Contract (3 characters)	Discipline	Punctuation mark	Serial number
S = Sketch	BDK = Banedanmark	A = Drainage	-	001-999
	XXX = Contract	B = Bridges		
	YYY = Consultant	C = Catenary		
		D = Scada		
		E = Power supply		
		F = Utility		
		G = Geotechnic		
		H = Tracks		
		I = Maps		
		K = Structures and buildings		
		L = Landscape		
		M = Environment		
		P = Platforms		
		R = Signal (sikring)		
		V = Roads		
	U = Earthing/BPU			
	X = General			
	Z = Expropriation			

Example:  
**SXXXL-001.dgn** = Sketch, Contract XXX, Landscape, no 1