



PSPC National CADD Standard

Annex A: Layers

Version: 2024

PSPC National CADD Standard – Annex A: Layers

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Annex A: Layers

1. Standard Layers

The standard layers list below lists the most-used layer names defined under the PSPC Layering Standard. New layer names can always be created using the field abbreviations and extensions listed in section 2 Layer field descriptions. The French abbreviations are listed just for reference.

1.1 Architecture

Major Group	English abbreviation	Description	French abbreviation
Circulation	A-CI	Circulation	A-CI
Circulation	A-CI-CVY	Horizontal conveyors, moving sidewalks	A-CI-HOR
Circulation	A-CI-ELE	Elevators	A-CI-ELE
Circulation	A-CI-ELE-BRF	Lift platforms for barrier-free access	A-CI-ELE-ACF
Circulation	A-CI-RMP	Ramps	A-CI-RAM
Circulation	A-CI-RMP-BRF	Barrier-free ramps	A-CI-RAM-ACF
Circulation	A-CI-STR	Stairs, stairwells and ladders	A-CI-ESC
Circulation	A-CI-STR-ESC	Escalators	A-CI-ESC-ROU
Ceiling	A-CL	Ceilings	A-PF
Ceiling	A-CL-BKH	Bulkheads	A-PF-GYP
Ceiling	A-CL-FIN	Ceiling finishes	A-PF-FIN
Ceiling	A-CL-FIN-IDN	Ceiling finishes description	A-PF-FIN-NUI
Ceiling	A-CL-GRD	Physical ceiling grid	A-PF-TRA
Ceiling	A-CL-GRD-SCD	Planning grid lines	A-PF-TRA-SCD
Ceiling	A-CL-OPN	Openings, penetrations, skylights	A-PF-OUV
Deck	A-DK	Deck	A-TR

Major Group	English abbreviation	Description	French abbreviation
Deck	A-DK-BAR	Deck railings	A-TR-BAR
Deck	A-DK-OLN	Deck outline	A-TR-CON
Door	A-DR	Doors	A-PO
Door	A-DR-EXT	Exterior doors, jambs, casework, swings	A-PO-EXT
Door	A-DR-EXT-IDN	Exterior doors identification numbers	A-PO-EXT-NUI
Door	A-DR-INT	Interior doors, jambs, casework, swings	A-PO-INT
Door	A-DR-INT-IDN	Interior doors identification numbers	A-PO-INT-NUI
Door	A-DR-INT-PRT	Interior doors in a partition wall	A-PO-INT-CLS
Emergency	A-EM	Emergency	A-UR
Emergency	A-EM-HAT	General hatching	A-UR-HAC
Emergency	A-EM-HAT-COR	Corridor hatching	A-UR-HAC-COR
Emergency	A-EM-HAT-STR	Staircase hatching	A-UR-HAC-ESC
Emergency	A-EM-HAT-WAL	Wall hatching	A-UR-HAC-MUR
Emergency	A-EM-OLN	General outline	A-UR-CON
Emergency	A-EM-OLN-COR	Corridor outline	A-UR-CON-COR
Emergency	A-EM-OLN-STR	Staircase outline	A-UR-CON-ESC
Emergency	A-EM-OLN-WAL	Wall outline	A-UR-CON-MUR
Emergency	A-EM-EQP	Emergency symbols: exit signs, stairs, first aid kit location, etc.	A-UR-EQU
Emergency	A-EM-TXT	Emergency text	A-UR-TEX
Floor	A-FL	Floors	A-PC
Floor	A-FL-CTP	Countertops	A-PC-CMP
Floor	A-FL-CTP-PRT	Countertops on partitions	A-PC-CMP-CLS
Floor	A-FL-FIN	Floor finishes	A-PC-FIN
Floor	A-FL-FIN-IDN	Floor finishes description	A-PC-FIN-NUI
Floor	A-FL-LEV	Floor level changes, ramps, truck wells	A-PC-NIV

Major Group	English abbreviation	Description	French abbreviation
Floor	A-FL-MIL	Architectural specialties, casework and millwork	A-PC-EBE
Floor	A-FL-OPN	Openings, floor hatching	A-PC-OUV
Floor	A-FL-OVH	Overhead items, skylights, overhangs, soffits	A-PC-SUS
Floor	A-FL-RAS	Raised floors	A-PC-SUR
General	A-GL	General	A-GL
General	A-GL-ATT	Attributes	A-GL-ATT
General	A-GL-DIM	General architectural dimensions	A-GL-DIM
General	A-GL-IDN	Identification, elevation points	A-GL-NUI
General	A-GL-RME	Read Me general drawing info.	A-GL-LIS
General	A-GL-TMP	Under construction lines, temporary aids	A-GL-TEM
General	A-GL-TXT	General text (street names)	A-GL-TEX
Plan Information	A-PL	Plan information	A-PN
Plan Information	A-PL-OLN	Open-to-below plan information outline	A-PN-CON
Roof	A-RF	Roofs	A-TO
Roof	A-RF-OLN	Roofs edge and features	A-TO-CON
Roof	A-RF-OPN	Roof openings for fans, stacks and ducts	A-TO-OUV
Roof	A-RF-OVH	Overhead items, roof above, canopies, soffits	A-TO-SUR
Roof	A-RF-WLK	Roof boardwalks, catwalks	A-TO-PAS
Window	A-WD	Windows	A-FN
Window	A-WD-EXT	Exterior window panes and frames	A-FN-EXT
Window	A-WD-INT	Interior window panes and frames, side windows	A-FN-INT
Window	A-WD-INT-PRT	Interior windows in a partition wall	A-FN-INT-CLS
Window	A-WD-OVH	Overhead windows, skylights	A-FN-SUR
Window	A-WD-SIL	Window sills	A-FN-ALL
Non-Structural Wall	A-WL	Non-structural walls	A-MU

Major Group	English abbreviation	Description	French abbreviation
Non-Structural Wall	A-WL-ACC	Architectural or protection elements, guards	A-MU-ACC
Non-Structural Wall	A-WL-ACC-BRF	Barrier-free accessories (grab bars, etc.)	A-MU-ACC-ACF
Non-Structural Wall	A-WL-EXT	Exterior walls	A-MU-EXT
Non-Structural Wall	A-WL-EXT-HAT	Exterior walls hatching	A-MU-EXT-HAC
Non-Structural Wall	A-WL-FIN	Wall finishes	A-MU-FIN
Non-Structural Wall	A-WL-FIN-IDN	Wall finishes description	A-MU-FIN-NUI
Non-Structural Wall	A-WL-HED	Door and window headers	A-MU-LIN
Non-Structural Wall	A-WL-HED-PRT	Door and window headers on partition	A-MU-LIN-CLS
Non-Structural Wall	A-WL-INT	Interior walls	A-MU-INT
Non-Structural Wall	A-WL-INT-LOW	Interior walls - low walls	A-MU-INT-BAS
Non-Structural Wall	A-WL-INT-LOW-PRT	Interior partitions - low walls	A-MU-INT-BAS-CLS
Non-Structural Wall	A-WL-INT-PRT	Interior partition walls	A-MU-INT-CLS
Non-Structural Wall	A-WL-OLN	Wall outlines, building footprints, sheds, etc.	A-MU-CON
Non-Structural Wall	A-WL-WSR-PRT	Washroom partitions	A-MU-SAT-CLS

1.2 Bridges and dams engineering

Major Group	English abbreviation	Description	French abbreviation
Approach Slab	B-AP	Approach slabs	B-DA
Approach Slab	B-AP-PLN	Approach slabs in plan view	B-DA-PLN
Deck & Component	B-DK	Deck and components	B-TA
Deck & Component	B-DK-BAR	Barriers, railings	B-TA-BAR
Deck & Component	B-DK-CRB	Curbs, sidewalks	B-TA-BOR
Deck & Component	B-DK-DRN	Deck drains	B-TA-DRA
Deck & Component	B-DK-JNT	Expansion joints	B-TA-JOC
Deck & Component	B-DK-PLN	Deck plan	B-TA-PLN
Deck & Component	B-DK-REB	Deck reinforcing	B-TA-ACR
Deck & Component	B-DK-STG	Steel grating	B-TA-GRI
General	B-GL	General	B-GL
General	B-GL-DIM	Dimensions	B-GL-DIM
General	B-GL-HAT	Hatching	B-GL-HAC
General	B-GL-LAY	Layout line work	B-GL-TRI
General	B-GL-TXT	Text	B-GL-TEX
Substructure	B-SB	Substructure	B-SO
Substructure	B-SB-ABU	Abutments	B-SO-CUL
Substructure	B-SB-APR	Approach slabs	B-SO-APR
Substructure	B-SB-BRG	Bearing	B-SO-POR
Substructure	B-SB-FTG	Footing	B-SO-SEM
Substructure	B-SB-LIN	Bearing plan line work	B-SO-TRI
Substructure	B-SB-PIR	Piers	B-SO-PIL
Substructure	B-SB-REB	Substructure reinforcing	B-SO-ACR

Major Group	English abbreviation	Description	French abbreviation
Scour Protection	B-SR	Scour protection	B-PA
Scour Protection	B-SR-GAB	Gabions	B-PA-GAB
Scour Protection	B-SR-RRP	Riprap	B-PA-PIR
Superstructure	B-SS	Superstructure	B-SP
Superstructure	B-SS-BEM	Beams	B-SP-POU
Superstructure	B-SS-BRC	Bracing	B-SP-ENT
Superstructure	B-SS-CTW	Catwalks	B-SP-PAS
Superstructure	B-SS-REB	Superstructure reinforcing	B-SP-ACR
Superstructure	B-SS-SNL	Stringers	B-SP-LON

1.3 Civil engineering, site design and landscape architecture

Major Group	English abbreviation	Description	French abbreviation
Geotechnical Borehole Data	C-BH	Borehole data (geotechnical)	C-FO
Geotechnical Borehole Data	C-BH-IDN	Borehole identification numbers	C-FO-NUI
Geotechnical Borehole Data	C-BH-LOG	Borehole logs and data	C-FO-SCH
Geotechnical Borehole Data	C-BH-SMP	Soil sample locations	C-FO-SON
Geotechnical Borehole Data	C-BH-SPR	Stratigraphic profiles	C-FO-STR
Geotechnical Borehole Data	C-BH-SYM	Symbols	C-FO-SYM
Geotechnical Borehole Data	C-BH-WEL	Geotechnical or environmental monitoring wells	C-FO-PUA
Diesel Fuel Distribution	C-DI	Diesel fuel distribution	C-DI
Diesel Fuel Distribution	C-DI-MAN	Diesel fuel manholes	C-DI-PUA
Diesel Fuel Distribution	C-DI-MET	Diesel fuel meters	C-DI-CPT
Diesel Fuel Distribution	C-DI-PIP	Diesel fuel pipelines	C-DI-PIP
Diesel Fuel Distribution	C-DI-VAL	Diesel fuel valves	C-DI-VAN
Environment	C-EN	Environment	C-EN
Environment	C-EN-CTM	Contamination zone	C-EN-CTM
Environment	C-EN-PLM	Plume outline	C-EN-CPA
Environment	C-EN-TNK	Holding tank	C-EN-RSV
General	C-GL	General	C-GL
General	C-GL-PIC	Inserted pictures	C-GL-IMA
Hydrology	C-HY	Hydrology	C-HY
Hydrology	C-HY-CAT	Catchments area	C-HY-BAV
Hydrology	C-HY-FLO	Flow, discharge	C-HY-ECO
Hydrology	C-HY-ICE	Ice thickness	C-HY-GLA
Landscaping	C-LD	Landscaping	C-AX

Major Group	English abbreviation	Description	French abbreviation
Landscaping	C-LD-ANT	Antenna	C-AX-ANT
Landscaping	C-LD-ART	Artwork, special features	C-AX-ART
Landscaping	C-LD-BAR	Railings (not attached to buildings)	
Landscaping	C-LD-BRD	Foot bridges	C-AX-PAS
Landscaping	C-LD-CON	Concrete features, slabs	C-AX-BET
Landscaping	C-LD-FEN	Fencing	C-AX-CLO
Landscaping	C-LD-FIL	Filling zone	C-AX-REM
Landscaping	C-LD-FLG	Flagpoles	C-AX-MAT
Landscaping	C-LD-FTN	Fountains, pools	C-AX-BSN
Landscaping	C-LD-FUR	Site furnishings, benches, garbage cans, etc.	C-AX-MOB
Landscaping	C-LD-GRA	Grading	C-AX-NVL
Landscaping	C-LD-IRR	Irrigation system	C-AX-IRR
Landscaping	C-LD-IRR-PIP	Irrigation system piping	C-AX-IRR-TUY
Landscaping	C-LD-IRR-SYM	Irrigation heads, controls, valves	C-AX-IRR-SYM
Landscaping	C-LD-RWL	Retaining walls	C-AX-SOU
Landscaping	C-LD-RMP	Ramps (not attached to buildings)	C-AX-RAM
Landscaping	C-LD-SPO	Equipment, sports facilities, goal nets, shooting targets, etc.	C-AX-EQU
Landscaping	C-LD-STR	Stairs (not attached to buildings)	C-AX-ESC
Landscaping	C-LD-SWK	Sidewalks	C-AX-TRO
Landscaping	C-LD-TER	Terraces, courtyards, patios (not attached to buildings)	C-AX-TER
Landscaping	C-LD-TOE	Toe of erosion control, armour stone, riprap, berms	C-AX-BRV
Landscaping	C-LD-TOP	Crest of erosion control, armour stone, riprap, berms	C-AX-HRV
Landscaping	C-LD-TRL	Trails, footpaths	C-AX-SEN
Landscaping	C-LD-TUN	Tunnels	C-AX-TUN

Major Group	English abbreviation	Description	French abbreviation
Landscaping	C-LD-TXT	Descriptive information text	C-AX-TEX
Natural Gas Distribution	C-NZ	Natural gas distribution	C-GN
Natural Gas Distribution	C-NZ-MAN	Natural gas manholes	C-GN-PUA
Natural Gas Distribution	C-NZ-MET	Natural gas meters	C-GN-CPT
Natural Gas Distribution	C-NZ-PIP	Natural gas pipelines	C-GN-PIP
Natural Gas Distribution	C-NZ-VAL	Natural gas valves	C-GN-VAN
Natural Gas Distribution	C-NZ-VEN	Natural gas vents	
Oil Distribution	C-OI	Oil distribution	C-PE
Oil Distribution	C-OI-MAN	Oil manholes	C-PE-PUA
Oil Distribution	C-OI-MET	Oil meters	C-PE-CPT
Oil Distribution	C-OI-PIP	Oil pipelines	C-PE-PIP
Oil Distribution	C-OI-VAL	Oil valves	C-PE-VAN
Propane Gas Distribution	C-PG	Propane gas distribution	C-GP
Propane Gas Distribution	C-PG-MAN	Propane gas manholes	C-GP-PUA
Propane Gas Distribution	C-PG-MET	Propane gas meters	C-GP-CPT
Propane Gas Distribution	C-PG-PIP	Propane gas pipelines	C-GP-PIP
Propane Gas Distribution	C-PG-VAL	Propane gas valves	C-GP-VAN
Profile and Section Data	C-PR	Profile data	C-PR
Profile and Section Data	C-PR-HOR	Horizontal profiles	C-PR-HOR
Profile and Section Data	C-PR-VER	Vertical profiles	C-PR-VER
Profile and Section Data	C-PR-TXT	Text, annotations	C-PR-TEX
Roads	C-RO	Roads	C-RO
Roads	C-RO-ACR	Fire department access routes	C-RO-URG
Roads	C-RO-ALI	Alignment	C-RO-TRC
Roads	C-RO-ASP	Asphalt road	C-RO-ASP

Major Group	English abbreviation	Description	French abbreviation
Roads	C-RO-BAR	Barrier	C-RO-BAR
Roads	C-RO-BRD	Bridges, overpasses, etc.	C-RO-PON
Roads	C-RO-CLI	Road centreline	C-RO-MED
Roads	C-RO-CNT	Highway construction staging	C-RO-CNT
Roads	C-RO-CRB	Curbs	C-RO-BOR
Roads	C-RO-GRL	Guides, guard rails, median dividers, bollards	C-RO-PRT
Roads	C-RO-GRV	Gravel road	C-RO-GRV
Roads	C-RO-GUT	Gutter lines	C-RO-CAN
Roads	C-RO-HWY	Highway plan	C-RO-TRR
Roads	C-RO-JER	Jersey barrier	C-RO-JER
Roads	C-RO-MRK	Markings and road striping	C-RO-MAC
Roads	C-RO-MSH	Mass hauling diagrams	C-RO-SCH
Roads	C-RO-RMP	Ramps, on-ramps, loading docks, etc.	C-RO-RAM
Roads	C-RO-ROD	Drivable road limits (asphalt) road, lots	C-RO-LIM
Roads	C-RO-ROD-APX	Drivable road limits' approximate location	C-RO-LIM-APX
Roads	C-RO-SHO	Shoulders	C-RO-ACT
Roads	C-RO-STG	Staging layout plan	C-RO-PHA
Roads	C-RO-ABU	Bridge abutments, piers, and supports	C-RO-PIL
Roads	C-RO-SWK	Sidewalks	C-RO-TRO
Roads	C-RO-TRL	Trails, footpaths	C-RO-SEN
Roads	C-RO-TUN	Road tunnels, underpasses, etc.	C-RO-TUN
Roads	C-RO-TXT	Road description, information text	C-RO-TEX
Railways	C-RW	Railways	C-CF
Railways	C-RW-ALI	Alignment	C-CF-TRC
Railways	C-RW-BRD	Bridges	C-CF-PON

Major Group	English abbreviation	Description	French abbreviation
Railways	C-RW-BUF	Buffer, stop, bumper	C-CF-BUT
Railways	C-RW-CLI	Rail centrelines	C-CF-MED
Railways	C-RW-RAI	Railway lines, switches	C-CF-DIA
Railways	C-RW-RMP	Ramps	C-CF-RAM
Railways	C-RW-ABU	Bridge abutments, piers, trestles, and supports	C-CF-PIL
Railways	C-RW-TUN	Tunnels	C-CF-TUN
Sanitary Sewer	C-SA	Sanitary sewer	C-ES
Sanitary Sewer	C-SA-CAT	Drainage catch areas	C-ES-BAV
Sanitary Sewer	C-SA-CLE	Cleanout	C-ES-RNT
Sanitary Sewer	C-SA-IND	Industrial sewer	C-ES-IND
Sanitary Sewer	C-SA-IOT	Sanitary inlet outlet structure	C-ES-SES
Sanitary Sewer	C-SA-MAN	Sewer manholes, catch basins	C-ES-PUA
Sanitary Sewer	C-SA-MAN-IDN	Text regarding t/g elevation, inverts elevation, etc.	C-ES-PUA-TEX
Sanitary Sewer	C-SA-PMP	Pumping stations	C-ES-PMP
Sanitary Sewer	C-SA-SEP	Septic system	C-ES-SEP
Sanitary Sewer	C-SA-SEP-FIL	Septic field filling zone	C-ES-SEP-REM
Sanitary Sewer	C-SA-SEP-PIP	Septic field piping	C-ES-SEP-TUY
Sanitary Sewer	C-SA-SEP-TNK	Septic tank	C-ES-SEP-RSV
Sanitary Sewer	C-SA-SEW	Sewer lines system	C-ES-EGO
Sanitary Sewer	C-SA-SEW-ABN	Abandoned sanitary sewer lines	C-ES-EGO-ABN
Sanitary Sewer	C-SA-SEW-CMB-MLI	Combined main sewer lines	C-ES-EGO-CMB-PRI
Sanitary Sewer	C-SA-SEW-CMB-SLI	Combined service sewer lines	C-ES-EGO-CMB-SEV
Sanitary Sewer	C-SA-SEW-MLI	Main sanitary sewer lines	C-ES-EGO-PRI

Major Group	English abbreviation	Description	French abbreviation
Sanitary Sewer	C-SA-SEW-SLI	Sanitary service sewer lines	C-ES-EGO-SEV
Sanitary Sewer	C-SA-SYM	Junction symbols	C-ES-SYM
Sanitary Sewer	C-SA-SYM-IDN	Text description - type of junction	C-ES-SYM-TEX
Sanitary Sewer	C-SA-TMT	Sewage treatment areas	C-ES-TEU
Sanitary Sewer	C-SA-TXT	General text: length of sewer, slope, material, etc.	C-ES-TEX
Natural Site Features	C-SF	Natural site features	C-CS
Natural Site Features	C-SF-DBR	Debris, rubble, loose rock and soil	C-CS-DEB
Natural Site Features	C-SF-MAR	Marshes, wetlands	C-CS-TEH
Natural Site Features	C-SF-PIT	Borrow pit	C-CS-BEM
Natural Site Features	C-SF-RCK	Rock outcrops, boulders, glacial	C-CS-ROC
Natural Site Features	C-SF-RMN	Archaeological remnants	C-CS-VST
Natural Site Features	C-SF-RMN-ABV	Archaeological remnants above ground	C-CS-VST-AUD
Natural Site Features	C-SF-RMN-UND	Archaeological remnants underground	C-CS-VST-SOU
Natural Site Features	C-SF-TRE	Trees, tree lines	C-CS-ARB
Natural Site Features	C-SF-TRE-TXT	Text describing trees	C-CS-ARB-TEX
Natural Site Features	C-SF-TXT	Site feature description text	C-CS-TEX
Natural Site Features	C-SF-WTR	Natural boundaries watercourses, shorelines	C-CS-LBM
Signs and Guideposts	C-SI	Signs and guideposts	C-SI
Signs and Guideposts	C-SI-GDP	Guideposts	C-SI-POT
Signs and Guideposts	C-SI-SGL	Sign layouts and details	C-SI-DET
Signs and Guideposts	C-SI-SGN	Signs	C-SI-ECR
Signs and Guideposts	C-SI-TXT	Signage text	C-SI-TEX
Survey Control, Non-Legal	C-SV	Survey control, non-legal	C-LV
Survey Control, Non-Legal	C-SV-BEN	Local bench marks	C-LV-RNL
Survey Control, Non-Legal	C-SV-CHN	Chainage	C-LV-CHI

Major Group	English abbreviation	Description	French abbreviation
Survey Control, Non-Legal	C-SV-CLN	Radial ties, traverse lines, control lines	C-LV-LCH
Survey Control, Non-Legal	C-SV-CPT	Control points	C-LV-POA
Survey Control, Non-Legal	C-SV-CPT-HOR	Horizontal control points	C-LV-POA-HOR
Survey Control, Non-Legal	C-SV-CPT-VER	Vertical control points	C-LV-POA-VER
Survey Control, Non-Legal	C-SV-GRD	Survey grid	C-LV-QUA
Survey Control, Non-Legal	C-SV-HOR	Horizontal alignment	C-LV-HOR
Survey Control, Non-Legal	C-SV-LIN	Survey feature connectivity line work	C-LV-TRI
Survey Control, Non-Legal	C-SV-MON	Found monuments (non-legal)	C-LV-RAR
Survey Control, Non-Legal	C-SV-SEL	Super elevation	C-LV-SUE
Survey Control, Non-Legal	C-SV-SPT	Survey points	C-LV-POL
Survey Control, Non-Legal	C-SV-SPT-PNT	Survey points	C-LV-POL-PTS
Survey Control, Non-Legal	C-SV-SPT-ELV	Survey point elevation	C-LV-POL-ELV
Survey Control, Non-Legal	C-SV-SPT-NUM	Survey point number text	C-LV-POL-NUI
Survey Control, Non-Legal	C-SV-SPT-DES	Survey point description	C-LV-POL-DES
Survey Control, Non-Legal	C-SV-STA	Station equation labels	C-LV-STA
Survey Control, Non-Legal	C-SV-STA-IDN	Station labels	C-LV-STA-NUI
Survey Control, Non-Legal	C-SV-STA-PNT	Station points	C-LV-STA-PTS
Survey Control, Non-Legal	C-SV-STB	Setbacks	C-LV-MAR
Survey Control, Non-Legal	C-SV-VER	Vertical alignment	C-LV-VER
Storm Sewer and Drainage	C-SW	Storm water drainage and systems	C-EP
Storm Sewer and Drainage	C-SW-CAT	Drainage catchments areas	C-EP-BAV
Storm Sewer and Drainage	C-SW-CUL	Culverts	C-EP-PON
Storm Sewer and Drainage	C-SW-DCL	Ditch centre lines	C-EP-MED
Storm Sewer and Drainage	C-SW-IOT	Storm inlet outlet structure	C-EP-SES
Storm Sewer and Drainage	C-SW-MAN	Catch basins, manholes	C-EP-PUA

Major Group	English abbreviation	Description	French abbreviation
Storm Sewer and Drainage	C-SW-MAN-IDN	Manhole description text: elevation, direction	C-EP-PUA-TEX
Storm Sewer and Drainage	C-SW-MNG	Storm water management pond	C-EP-BSN
Storm Sewer and Drainage	C-SW-PMP	Pumping stations	C-EP-PMP
Storm Sewer and Drainage	C-SW-SEW	Sewer lines system	C-EP-EGO
Storm Sewer and Drainage	C-SW-SEW-ABN	Abandoned storm sewer lines	C-EP-EGO-ABN
Storm Sewer and Drainage	C-SW-SEW-MLI	Storm main sewer lines	C-EP-EGO-PRI
Storm Sewer and Drainage	C-SW-SEW-SLI	Storm service sewer lines	C-EP-EGO-SEV
Storm Sewer and Drainage	C-SW-SUB	Subdrains	C-EP-DRA
Storm Sewer and Drainage	C-SW-SYM	Junction symbols	C-EP-SYM
Storm Sewer and Drainage	C-SW-SYM-IDN	Junction description text	C-EP-SYM-TEX
Storm Sewer and Drainage	C-SW-TXT	Text describing length of sewer, slopes, material	C-EP-TEX
Topographical Information	C-TP	Topographical information	C-TG
Topographical Information	C-TP-MAJ	Major contours	C-TG-COP
Topographical Information	C-TP-MIN	Minor contours	C-TG-COS
Topographical Information	C-TP-SPT	Spot elevation	C-TG-POC
Topographical Information	C-TP-SRF	Surface model line work	C-TG-MNT
Topographical Information	C-TP-SRF-BRL	Surface model break lines	C-TG-MNT-LCO
Topographical Information	C-TP-SRF-TXT	Surface calculation text	C-TG-MNT-TEX
Topographical Information	C-TP-TOE	Bank (toe)	C-TG-BRV
Topographical Information	C-TP-TOP	Top of bank	C-TG-HRV
Vegetation	C-VG	Vegetation	C-VG
Vegetation	C-VG-FLW	Flowers	C-VG-FLR
Vegetation	C-VG-FLW-ANN	Annual flowers	C-VG-FLR-ANN
Vegetation	C-VG-FLW-PER	Perennial flowers	C-VG-FLR-VIV
Vegetation	C-VG-GCV	Ground cover	C-VG-CVS

Major Group	English abbreviation	Description	French abbreviation
Vegetation	C-VG-GCV-DEC	Deciduous ground cover	C-VG-CVS-CDC
Vegetation	C-VG-GCV-EVR	Evergreen ground cover	C-VG-CVS-PST
Vegetation	C-VG-GCV-ORN	Ornamental ground cover	C-VG-CVS-ORN
Vegetation	C-VG-GRS	Grass area	C-VG-PEL
Vegetation	C-VG-GRS-SED	Seeded grass area	C-VG-PEL-ESM
Vegetation	C-VG-GRS-SOD	Sodded grass area	C-VG-PEL-EGZ
Vegetation	C-VG-SRB	Shrubs	C-VG-ABT
Water and Fire	C-WM	Water and fire	C-CE
Water and Fire	C-WM-FHY	Fire hydrants	C-CE-BOI
Water and Fire	C-WM-FRL	Fire lines	C-CE-CAX
Water and Fire	C-WM-MAN	Manholes, storage, valves	C-CE-PUA
Water and Fire	C-WM-MAN-IDN	Text describing; t/g elevation, t/pipe elevation	C-CE-PUA-TEX
Water and Fire	C-WM-PMP	Pumping stations	C-CE-PMP
Water and Fire	C-WM-RAW	Raw water lines	C-CE-CEN
Water and Fire	C-WM-SYM	Junction symbols	C-CE-SYM
Water and Fire	C-WM-SYM-IDN	Text describing type of junction	C-CE-SYM-TEX
Water and Fire	C-WM-TXT	Water main descriptive text	C-CE-TEX
Water and Fire	C-WM-WEL	Water wells	C-CE-PUE
Water and Fire	C-WM-WLI	Water line	C-CE-CED
Water and Fire	C-WM-WLI-MLI	Water main	C-CE-CED-PRI
Water and Fire	C-WM-WLI-SLI	Water service line	C-CE-CED-SEV

1.4 Electrical Systems

Major Group	English abbreviation	Description	French abbreviation
Clock Systems	E-CK	Clock systems	E-HO
Clock Systems	E-CK-EQP	Clock equipment	E-HO-EQU
Clock Systems	E-CK-REC	Clock locations	E-HO-PRS
Clock Systems	E-CK-WRG	Wiring	E-HO-CAB
Data Systems	E-DA	Data systems	E-DN
Data Systems	E-DA-EQP	Data equipment	E-DN-EQU
Data Systems	E-DA-OUT	Data outlets, jacks	E-DN-PRS
Data Systems	E-DA-WRG	Wiring	E-DN-CAB
Emergency Generation	E-EG	Emergency generation	E-AS
Emergency Generation	E-EG-COD	Conduits	E-AS-COD
Emergency Generation	E-EG-EQP	Emergency power generation equipment	E-AS-EQU
Emergency Generation	E-EG-GEN	Generators, control switchboards	E-AS-GEN
Emergency Lighting	E-EL	Emergency lighting	E-EU
Emergency Lighting	E-EL-CLG	Emergency luminaries ceiling-mounted	E-EU-PFD
Emergency Lighting	E-EL-ESG	Exit signs	E-EU-SOS
Emergency Lighting	E-EL-EXT	Emergency outside luminaries attached to buildings, poles	E-EU-EXT
Emergency Lighting	E-EL-WAL	Emergency luminaries wall-mounted	E-EU-MUR
Emergency Power Equipment	E-EP	Emergency power equipment	E-RU
Emergency Power Equipment	E-EP-CTL	Motors and controls	E-RU-COM
Emergency Power Equipment	E-EP-DCB	DC battery systems	E-RU-ACU

Major Group	English abbreviation	Description	French abbreviation
Emergency Power Equipment	E-EP-REC	Receptacles	E-RU-PRS
Emergency Power Equipment	E-EP-TEN	Special tenant systems	E-RU-LOC
Emergency Power Equipment	E-EP-UPS	Uninterruptible power system (UPS) and conditioned power	E-RU-ASC
Emergency Power Wiring and Cabling	E-EW	Emergency power wiring and cabling	E-CU
Emergency Power Wiring and Cabling	E-EW-CBT	Cable trays, ducts, and raceways	E-CU-CCC
Emergency Power Wiring and Cabling	E-EW-CLG	Ceiling-mounted wiring	E-CU-PFD
Emergency Power Wiring and Cabling	E-EW-CLT	Control wiring for emergency lighting	E-CU-COM
Emergency Power Wiring and Cabling	E-EW-EXP	Exposed inside/outside wiring	E-CU-EXT
Emergency Power Wiring and Cabling	E-EW-HVD	High voltage wiring	E-CU-HTE
Emergency Power Wiring and Cabling	E-EW-HVD-CLG	High voltage in ceiling space	E-CU-HTE-PFD
Emergency Power Wiring and Cabling	E-EW-LVD	Low voltage wiring	E-CU-BTE
Emergency Power Wiring and Cabling	E-EW-LVD-CLG	Low voltage in ceiling space	E-CU-BTE-PFD
Emergency Power Wiring and Cabling	E-EW-LVD-FLR	Low voltage under floor	E-CU-BTE-PCH
Emergency Power Wiring and Cabling	E-EW-PAN	Electrical panel for emergency power	E-CU-PAN

Major Group	English abbreviation	Description	French abbreviation
Emergency Power Wiring and Cabling	E-EW-UPS	Uninterruptible power system (UPS)	E-CU-ASC
Emergency Fire Protection	E-FR	Electrical fire protection	E-AI
Emergency Fire Protection	E-FR-ELD	Electromagnetic locking devices	E-AI-DVE
Emergency Fire Protection	E-FR-EQP	Equipment: master fire warning panel, alarm, annunciator panels etc.	E-AI-EQU
Emergency Fire Protection	E-FR-SIG	Signalling devices	E-AI-SIG
Emergency Fire Protection	E-FR-SYM	Electrical FP symbols: pull stations, heat, smoke detectors	E-AI-DDA
Emergency Fire Protection	E-FR-VCE	Emergency voice communication	E-AI-CVU
Emergency Fire Protection	E-FR-VCE-WRG	Emergency voice communication wiring	E-AI-CVU-CAB
Flat Wiring	E-FW	Flat wiring	E-CP
Flat Wiring	E-FW-CBL	Flat wiring cable location	E-CP-CAB
Flat Wiring	E-FW-CNB	Flat wiring connection boxes	E-CP-BOJ
Grounding	E-GD	Grounding	E-MT
Grounding	E-GD-EQP	Equipment and devices (rods, bus plates)	E-MT-EQU
Grounding	E-GD-WRG	Wiring	E-MT-CAB
Lightning Protection	E-LP	Lightning protection	E-PT
Lightning Protection	E-LP-EQP	Equipment and devices	E-PT-EQU
Lightning Protection	E-LP-WRG	Wiring	E-PT-CAB
Normal Power Generation	E-NG	Normal power generation	E-AN
Normal Power Generation	E-NG-COD	Conduits	E-AN-COD

Major Group	English abbreviation	Description	French abbreviation
Normal Power Generation	E-NG-EQP	Normal power generation equipment	E-AN-EQU
Normal Power Generation	E-NG-GEN	Generators, control switchboard	E-AN-GEN
Normal Lightning	E-NL	Normal lighting	E-EN
Normal Lightning	E-NL-CLG	Luminaries ceiling-mounted	E-EN-PFD
Normal Lightning	E-NL-CTL	Lighting controls	E-EN-COM
Normal Lightning	E-NL-EXT	Outside luminaries attached to buildings, poles	E-EN-EXT
Normal Lightning	E-NL-WAL	Luminaries in workspace and wall-mounted	E-EN-MUR
Normal Power Equipment	E-NP	Normal Power Equipment	E-RN
Normal Power Equipment	E-NP-CTL	Motors and controls	E-RN-COM
Normal Power Equipment	E-NP-EQP	Normal power equipment: ceiling fans, etc.	E-RN-EQU
Normal Power Equipment	E-NP-HVD	High voltage distribution	E-RN-HTE
Normal Power Equipment	E-NP-LVD	Low voltage distribution	E-RN-BTE
Normal Power Equipment	E-NP-MEC	Electrical connections to mechanical equipment	E-RN-MEC
Normal Power Equipment	E-NP-OUT	Outlets, receptacles	E-RN-PRS
Normal Power Equipment	E-NP-PAN	Electrical panels	E-RN-PAN
Normal Power Equipment	E-NP-RAD	Radiant heating panels	E-RN-RAY
Normal Power Equipment	E-NP-TEN	Special tenant systems	E-RN-LOC
Normal Power Wiring and Cabling	E-NW	Normal power wiring and cabling	E-CN
Normal Power Wiring and Cabling	E-NW-CBT	Cable trays, ducts, and raceways	E-CN-CCC
Normal Power Wiring and Cabling	E-NW-CTL	Control wiring lighting	E-CN-COM
Normal Power Wiring and Cabling	E-NW-EXP	Exposed inside/outside wiring	E-CN-EXT

Major Group	English abbreviation	Description	French abbreviation
Normal Power Wiring and Cabling	E-NW-HVD	High voltage wiring	E-CN-HTE
Normal Power Wiring and Cabling	E-NW-HVD-CLG	High voltage wiring in ceiling space	E-CN-HTE-PFD
Normal Power Wiring and Cabling	E-NW-LVD	Low voltage wiring	E-CN-BTE
Normal Power Wiring and Cabling	E-NW-LVD-CLG	Low voltage wiring in ceiling space	E-CN-BTE-PFD
Normal Power Wiring and Cabling	E-NW-LVD-FLR	Low voltage under floor	E-CN-BTE-PCH
Normal Power Wiring and Cabling	E-NW-LVD-WOR	Low voltage in workspace	E-CN-BTE-PTV
Normal Power Wiring and Cabling	E-NW-PST	Power poles with receptacles	E-CN-COL
Normal Power Wiring and Cabling	E-NW-TEN	Tenant systems in workspace	E-CN-LOC
Normal Power Wiring and Cabling	E-NW-UPS	Uninterruptible power system (UPS) and conditioned power	E-CN-ASC
Sound and PA Systems	E-PA	Sound and PA systems	E-SV
Sound and PA Systems	E-PA-EME	Emergency	E-SV-URG
Sound and PA Systems	E-PA-EQP	Sound equipment, speakers	E-SV-EQU
Sound and PA Systems	E-PA-OUT	Outlets	E-SV-PRS
Sound and PA Systems	E-PA-SYM	Symbols	E-SV-SYM
Sound and PA Systems	E-PA-WRG	Wiring	E-SV-CAB
Telephone Systems	E-PH	Telephone systems	E-TE
Telephone Systems	E-PH-EQP	Equipment	E-TE-EQU
Telephone Systems	E-PH-OUT	Outlets	E-TE-PRS

Major Group	English abbreviation	Description	French abbreviation
Telephone Systems	E-PH-PAN	Telephone panel	E-TE-PAN
Telephone Systems	E-PH-WRG	Wiring	E-TE-CAB
Site Distribution and Electrical Equipment	E-SD	Site distribution and electrical equipment	E-DS
Site Distribution and Electrical Equipment	E-SD-COD	Conduits	E-DS-COD
Site Distribution and Electrical Equipment	E-SD-DUC	Concrete ducts	E-DS-CBE
Site Distribution and Electrical Equipment	E-SD-EQP	Site distribution equipment: transformers, pedestals	E-DS-EQU
Site Distribution and Electrical Equipment	E-SD-HVD	High voltage distribution	E-DS-HTE
Site Distribution and Electrical Equipment	E-SD-HVD-ABV	High voltage distribution - above grade	E-DS-HTE-AER
Site Distribution and Electrical Equipment	E-SD-HVD-UND	High voltage distribution - below grade	E-DS-HTE-SOU
Site Distribution and Electrical Equipment	E-SD-LTG	Lighting and wiring	E-DS-ECL
Site Distribution and Electrical Equipment	E-SD-LTG-ABV	Lighting and wiring - above grade	E-DS-ECL-AER
Site Distribution and Electrical Equipment	E-SD-LTG-UND	Lighting and wiring - below grade	E-DS-ECL-SOU
Site Distribution and Electrical Equipment	E-SD-LVD	Low voltage distribution	E-DS-BTE
Site Distribution and Electrical Equipment	E-SD-LVD-ABV	Low voltage distribution - above grade	E-DS-BTE-AER
Site Distribution and Electrical Equipment	E-SD-LVD-UND	Low voltage distribution - below grade	E-DS-BTE-SOU

Major Group	English abbreviation	Description	French abbreviation
Site Distribution and Electrical Equipment	E-SD-MAN	Manhole, handwells, junction box, pull pit ground inspection box	E-DS-PUA
Site Distribution and Electrical Equipment	E-SD-MAN-IDN	Text describing; t/g elevation, line elevation	E-DS-PUA-IDN
Site Distribution and Electrical Equipment	E-SD-MUN	Municipal and utility services	E-DS-MUN
Site Distribution and Electrical Equipment	E-SD-POL	Poles and towers (electrical, communication)	E-DS-POT
Site Distribution and Electrical Equipment	E-SD-SUB	Substations	E-DS-SST
Site Distribution and Electrical Equipment	E-SD-TEL	Telephone lines	E-DS-TEL
Site Distribution and Electrical Equipment	E-SD-TEL-ABV	Telephone lines - above grade	E-DS-TEL-AER
Site Distribution and Electrical Equipment	E-SD-TEL-UND	Telephone lines - below grade	E-DS-TEL-SOU
Site Distribution and Electrical Equipment	E-SD-TXT	Text describing type of distribution system	E-DS-TEX
Site Distribution and Electrical Equipment	E-SD-VID	Video lines	E-DS-VID
Site Distribution and Electrical Equipment	E-SD-VID-ABV	Video lines – above grade	E-DS-VID-AER
Site Distribution and Electrical Equipment	E-SD-VID-UND	Video lines – below grade	E-DS-VID-SOU
Security Systems	E-SE	Security systems	E-SS
Security Systems	E-SE-ALM	Intrusion alarms	E-SS-SAA
Security Systems	E-SE-CTL	Intrusion controls and controllers	E-SS-COM
Security Systems	E-SE-ELK	Electrical security locks	E-SS-VEE

Major Group	English abbreviation	Description	French abbreviation
Security Systems	E-SE-LAN	Intrusion system local area network (LAN)	E-SS-REL
Security Systems	E-SE-SEN	Motion sensors	E-SS-DEI
Security Systems	E-SE-VCL	Video controllers (digital)	E-SS-CMV
Security Systems	E-SE-VCM	Video cameras and monitors	E-SS-EQU
Security Systems	E-SE-WRG	Intrusion controller wiring	E-SS-CAB
Signal Systems	E-SG	Signal systems	E-SI
Signal Systems	E-SG-EQP	Equipment	E-SI-EQU
Signal Systems	E-SG-OUT	Outlets	E-SI-PRS
Signal Systems	E-SG-WRG	Wiring	E-SI-CAB
Electrical Schematics	E-SM	Electrical schematics	E-SM
Electrical Schematics	E-SM-CLK	Clock system schematics	E-SM-HOL
Electrical Schematics	E-SM-DAS	Data systems schematics	E-SM-DAT
Electrical Schematics	E-SM-EFP	Electrical fire protection schematics	E-SM-ALI
Electrical Schematics	E-SM-EPR	Emergency distribution schematics	E-SM-ALU
Electrical Schematics	E-SM-EPR-EQP	Emergency power equipment	E-SM-ALU-EQU
Electrical Schematics	E-SM-EPR-GEN	Emergency generation schematics, generators	E-SM-ALU-GEN
Electrical Schematics	E-SM-EPR-LTG	Emergency lighting schematics	E-SM-ALU-ECL
Electrical Schematics	E-SM-EPR-MMS	Maintenance management system (MMS) tag numbers for emergency distribution	E-SM-ALU-SGE
Electrical Schematics	E-SM-EPR-TXT	Text for emergency distribution	E-SM-ALU-TEX
Electrical Schematics	E-SM-EPR-WRG	Emergency wiring schematics	E-SM-ALU-CAB
Electrical Schematics	E-SM-GND	Grounding schematics	E-SM-MIT
Electrical Schematics	E-SM-HVD	High voltage (>750v) emergency distribution	E-SM-HTE
Electrical Schematics	E-SM-HVD-MMS	MMS tag numbers for high voltage distribution	E-SM-HTE-SGE
Electrical Schematics	E-SM-KRK	Kirk key interlocks	E-SM-KRK

Major Group	English abbreviation	Description	French abbreviation
Electrical Schematics	E-SM-LAN	Local area network schematics	E-SM-REL
Electrical Schematics	E-SM-LTP	Lightning protection schematics	E-SM-PRF
Electrical Schematics	E-SM-LVD	Low voltage emergency distribution	E-SM-BTE
Electrical Schematics	E-SM-MMS	Maintenance management system (MMS) tag numbers	E-SM-SGE
Electrical Schematics	E-SM-MTR	Metering	E-SM-CPT
Electrical Schematics	E-SM-MTR-EQP	Metering equipment, switch board	E-SM-CPT-EQU
Electrical Schematics	E-SM-MTR-TXT	Metering text	E-SM-CPT-TEX
Electrical Schematics	E-SM-MTR-WRG	Metering wiring	E-SM-CPT-CAB
Electrical Schematics	E-SM-NPR	Normal power distribution schematics	E-SM-ANV
Electrical Schematics	E-SM-NPR-EQP	Normal power distribution equipment	E-SM-ANV-EQU
Electrical Schematics	E-SM-NPR-LTG	Normal lighting schematics	E-SM-ANV-ECL
Electrical Schematics	E-SM-NPR-MMS	MMS tag numbers for normal power distribution	E-SM-ANV-SGE
Electrical Schematics	E-SM-NPR-TXT	Text for normal power distribution	E-SM-ANV-TEX
Electrical Schematics	E-SM-NPR-WRG	Normal power wiring	E-SM-ANV-CAB
Electrical Schematics	E-SM-PAS	Public address system schematics	E-SM-COV
Electrical Schematics	E-SM-SGN	Signal schematic	E-SM-SGN
Electrical Schematics	E-SM-TEL	Telephone schematics	E-SM-TEL
Electrical Schematics	E-SM-UPS	Uninterruptible power system (UPS)	E-SM-ASC
Electrical Schematics	E-SM-VID	Video system schematics	E-SM-VID
Single Line Diagram	E-SL-ELE-INT	Electrical Interlock	E-SL-ELE-INT
Single Line Diagram	E-SL-EMP	Emergency Power	E-SL-EMP
Single Line Diagram	E-SL-FLR	Floors	E-SL-FLR
Single Line Diagram	E-SL-HVP	High Voltage Power	E-SL-HVP
Single Line Diagram	E-SL-KIR-INT	Kirk-Key	E-SL-KIR-INT
Single Line Diagram	E-SL-MEC	Room layout	E-SL-MEC

Major Group	English abbreviation	Description	French abbreviation
Single Line Diagram	E-SL-MEC-INT	Mechanical Interlock	E-SL-MEC-INT
Single Line Diagram	E-SL-MTR	Metering	E-SL-MTR
Single Line Diagram	E-SL-NOP	Normal Power	E-SL-NOP
Single Line Diagram	E-SL-SWG	Switchgear	E-SL-SWG
Single Line Diagram	E-SL-TXT	Text, Labels	E-SL-TXT
Single Line Diagram	E-SL-UPS	Uninterrupted Power	E-SL-UPS
Electricity on System Furniture	E-SY	Electricity on system furniture	E-EA
Electricity on System Furniture	E-SY-LAN	LAN network jack	E-EA-REL
Electricity on System Furniture	E-SY-LTG	Normal powered lighting	E-EA-ECL
Electricity on System Furniture	E-SY-OUT	Electrical outlet	E-EA-PRS
Electricity on System Furniture	E-SY-PST	Electrical posts on system furniture	E-EA-COL
Electricity on System Furniture	E-SY-TEL	Telephone outlet	E-EA-TEL
Video Conferencing Systems	E-VD	Video conferencing systems	E-VD
Video Conferencing Systems	E-VD-EQP	Equipment	E-VD-EQU
Video Conferencing Systems	E-VD-OUT	Outlets	E-VD-PRS
Video Conferencing Systems	E-VD-WRG	Wiring	E-VD-CAB

1.5 General information

Major Group	English abbreviation	Description	French abbreviation
Details	G-DT	Details	G-DT
Details	G-DT-DIM	Detail, section, elevation dimensions	G-DT-DIM
Details	G-DT-HAT	Detail, section, elevation hatching	G-DT-HAC
Details	G-DT-LIN	Detail, section, elevation linework	G-DT-TRI
Details	G-DT-LIN_ExtraThin	Extra thin Detail, section, elevation linework (0.1)	G-DT-TRI_TrèsMince
Details	G-DT-LIN_Thin	Thin Detail, section, elevation linework (0.15 to 0.18)	G-DT-TRI_Mince
Details	G-DT-LIN_Fine	Fine Detail, section, elevation linework (0.2 to 0.25)	G-DT-TRI_Fine
Details	G-DT-LIN_Medium	Medium Detail, section, elevation linework (0.3 to 0.35)	G-DT-TRI_Moyenne
Details	G-DT-LIN_Wide	Wide Detail, section, elevation linework (0.5)	G-DT-TRI_Large
Details	G-DT-LIN_Thick	Thick Detail, section, elevation linework (0.7)	G-DT-TRI_Épaisse
Details	G-DT-LIN_ExtraThick	Extra Wide Detail, section, elevation linework (1.0)	G-DT-TRI_TrèsEpaisse
Details	G-DT-LIN_Centreline	Centreline Detail, section, elevation linework	G-DT-TRI_Centre
Details	G-DT-LIN_Hidden	Hidden Detail, section, elevation linework	G-DT-TRI_Cachée
Details	G-DT-TXT	Detail, section, elevation annotation, text	G-DT-TEX
General	G-GL	General	G-GL
General	G-GL-KEY	Key plan	G-GL-PLR
General	G-GL-SYM	Symbols, north arrow, bar scale	G-GL-SYM
General	G-GL-TXT	Text, callout blocks	G-GL-TEX
General	G-GL-TXT-E	English text	G-GL-TEX-A
General	G-GL-TXT-F	French text	G-GL-TEX-F
General	G-GL-XRE	External reference	G-GL-XRE
Legend	G-LG	Legend	G-LE
Legend	G-LG-LIN	Symbol legend line work	G-LE-TRI

Major Group	English abbreviation	Description	French abbreviation
Legend	G-LG-TXT	Symbol legend text	G-LE-TEX
Title block	G-TL	Title block	G-CT
Title block	G-TL-ATT	Attributes for title block	G-CT-ATT
Title block	G-TL-CRT	Stamps, certificates	G-CT-CRF
Title block	G-TL-LGO	Logos	G-CT-LOG
Title block	G-TL-LIN	Line work for title block	G-CT-TRI
Title block	G-TL-RME	Title block read me layer	G-CT-LIS
Title block	G-TL-TBK	Title block insertion Layer	G-CT-CAR
Title block	G-TL-TXT	Text for title block	G-CT-TEX
Title block	G-TL-VPT	Viewport boundaries	G-CT-MET

1.6 Mechanical

Major Group	English abbreviation	Description	French abbreviation
Control systems	H-CS	Control systems	H-SR
Control systems	H-CS-AIR	Control air piping	H-SR-AIR
Control systems	H-CS-EQP	Control systems equipment	H-SR-EQU
Control systems	H-CS-SYM	Control system symbols: thermostats, humidistat, sensors, etc.	H-SR-SYM
Control systems	H-CS-TXT	Control system text	H-SR-TEX
Control systems	H-CS-WRG	Control wiring	H-SR-CAB
Domestic water	H-DW	Domestic water	H-ED
Domestic water	H-DW-CLD	Domestic cold water	H-ED-EFR
Domestic water	H-DW-EQP	Domestic water equipment: pumps, water softeners, filters, etc.	H-ED-EQU
Domestic water	H-DW-FIX	Plumbing fixtures	H-ED-APP
Domestic water	H-DW-FIX-PRT	Plumbing fixtures on partitions	H-ED-APP-CLS
Domestic water	H-DW-HOT	Domestic hot water	H-ED-ECD
Domestic water	H-DW-HOT-RCL	Domestic hot water recirculation	H-ED-ECD-REC
Domestic water	H-DW-HOT-TNK	Domestic hot water tanks	H-ED-ECD-RSV
Domestic water	H-DW-ROW	Reverse osmosis water (medical)	H-ED-EOI
Fire protection	H-FP	Fire protection	H-PI
Fire protection	H-FP-CEX	Chemical extinguishing system	H-PI-EXC
Fire protection	H-FP-CEX-EQP	Chemical extinguishing equipment	H-PI-EXC-EQU
Fire protection	H-FP-CEX-PIP	Chemical extinguishing piping	H-PI-EXC-TUY
Fire protection	H-FP-EPE	Explosion-proof equipment	H-PI-EQA
Fire protection	H-FP-EQP	Fire protection equipment: fire hose cabinet, fire dampers, etc.	H-PI-EQU

Major Group	English abbreviation	Description	French abbreviation
Fire protection	H-FP-FEX	Foamed extinguishing system	H-PI-EXM
Fire protection	H-FP-FEX-EQP	Foamed extinguishing equipment	H-PI-EXM-EQU
Fire protection	H-FP-FEX-PIP	Foamed extinguishing piping	H-PI-EXM-TUY
Fire protection	H-FP-SPK	Sprinkler system	H-PI-GIC
Fire protection	H-FP-SPK-EQP	Sprinkler equipment	H-PI-GIC-EQU
Fire protection	H-FP-SPK-PIP	Sprinkler piping	H-PI-GIC-TUY
Fire protection	H-FP-SPK-SYM	Sprinkler system symbols: sprinkler heads, backflow preventer, etc.	H-PI-GIC-SYM
Fire protection	H-FP-SPK-TXT	Sprinkler system text	H-PI-GIC-TEX
Fire protection	H-FP-SPK-ZNS	Sprinkler system zones	H-PI-GIC-ZON
Fire protection	H-FP-STP	Standpipe system	H-PI-CMG
Fire protection	H-FP-STP-EQP	Standpipe equipment	H-PI-CMG-EQU
Fire protection	H-FP-STP-PIP	Standpipe piping	H-PI-CMG-TUY
Fire protection	H-FP-SYM	Fire protection symbols: fire extinguisher, hydrants Siamese connections, etc.	H-PI-SYM
Fire protection	H-FP-TXT	Fire protection text	H-PI-TEX
Heating and Cooling	H-HC	Heating and cooling	H-CH
Heating and Cooling	H-HC-CHL	Chilled water	H-CH-ERF
Heating and Cooling	H-HC-CHL-RET	Chilled water return	H-CH-ERF-RET
Heating and Cooling	H-HC-CHL-SUP	Chilled water supply	H-CH-ERF-ALM
Heating and Cooling	H-HC-CNV	Convectors	H-CH-CNV
Heating and Cooling	H-HC-COT	Cooling tower water	H-CH-TRF
Heating and Cooling	H-HC-COT-RET	Cooling tower water return	H-CH-TRF-RET
Heating and Cooling	H-HC-COT-SUP	Cooling tower water supply	H-CH-TRF-ALM
Heating and Cooling	H-HC-GLY	Glycol	H-CH-GLY
Heating and Cooling	H-HC-GLY-RET	Glycol return	H-CH-GLY-RET

Major Group	English abbreviation	Description	French abbreviation
Heating and Cooling	H-HC-GLY-SUP	Glycol supply	H-CH-GLY-ALM
Heating and Cooling	H-HC-HWA	Heating water	H-CH-ECF
Heating and Cooling	H-HC-HWA-RET	Heating water return	H-CH-ECF-RET
Heating and Cooling	H-HC-HWA-SUP	Heating water supply	H-CH-ECF-ALM
Heating and Cooling	H-HC-HYD	Hydronic equipment	H-CH-HYD
Heating and Cooling	H-HC-RAD	Radiant heat tubing	H-CH-RAY
Heating and Cooling	H-HC-REF-EQP	Refrigerant equipment	H-CH-FRI-EQU
Heating and Cooling	H-HC-RFG	Refrigerant gas	H-CH-GAF
Heating and Cooling	H-HC-RFL	Refrigerant liquid	H-CH-FLF
Heating and Cooling	H-HC-STM	Steam	H-CH-VAP
Heating and Cooling	H-HC-STM-EQP	Steam equipment	H-CH-VAP-EQU
Heating and Cooling	H-HC-STM-RET	Steam condensate (return)	H-CH-VAP-RET
Heating and Cooling	H-HC-STM-SUP	Steam supply	H-CH-VAP-ALM
Plumbing	H-PB	Plumbing	H-PB
Plumbing	H-PB-CMA	Compressed air	H-PB-AIC
Plumbing	H-PB-CMA-EQP	Compressed air equipment	H-PB-AIC-EQU
Plumbing	H-PB-CO2	Carbon dioxide gas	H-PB-CO2
Plumbing	H-PB-DWV	Drainage waste and vent system	H-PB-REV
Plumbing	H-PB-DWV-SYM	Symbols: roof drains, floor drains, etc.	H-PB-REV-SYM
Plumbing	H-PB-DWV-VEN	Ventilating circuit, vents	H-PB-REV-EVE
Plumbing	H-PB-DWV-WST	Drainage circuit	H-PB-REV-EEU
Plumbing	H-PB-EQP	Plumbing equipment: pumps, coils motors, grease interceptor, etc.	H-PB-EQU
Plumbing	H-PB-FOI	Fuel oil	H-PB-MAZ
Plumbing	H-PB-FOI-EQP	Fuel equipment	H-PB-MAZ-EQU

Major Group	English abbreviation	Description	French abbreviation
Plumbing	H-PB-FOI-RET	Fuel oil return	H-PB-MAZ-RET
Plumbing	H-PB-FOI-SUP	Fuel oil supply	H-PB-MAZ-ALM
Plumbing	H-PB-FOI-VEN	Fuel oil vent	H-PB-MAZ-EVE
Plumbing	H-PB-HEG	Helium gas	H-PB-HEL
Plumbing	H-PB-HYG	Hydrogen gas	H-PB-HYG
Plumbing	H-PB-MAN	Access holes	H-PB-PUA
Plumbing	H-PB-MEG	Methane gas	H-PB-MTH
Plumbing	H-PB-NGA	Natural gas	H-PB-GAN
Plumbing	H-PB-NIT	Nitrogen gas	H-PB-AZO
Plumbing	H-PB-OXY	Oxygen gas	H-PB-OXY
Plumbing	H-PB-PGA	Propane gas	H-PB-GAP
Plumbing	H-PB-SYM	Plumbing symbols: gauges, fittings, valves elbows, unions, reducer	H-PB-SYM
Plumbing	H-PB-VAC	Cleaning system, vacuum	H-PB-NET
Fuel and process piping	H-PP	Fuel and process piping	H-TC
Fuel and process piping	H-PP-MAN	Manholes fuelling stations	H-TC-PUA
Fuel and process piping	H-PP-MET	Meters	H-TC-CPT
Fuel and process piping	H-PP-PIP	Fuel and process piping	H-TC-TUY
Fuel and process piping	H-PP-PMP	Pumping stations	H-TC-PMP
Fuel and process piping	H-PP-TNK	Fuel tanks	H-TC-RSV
Fuel and process piping	H-PP-VAL	Valves	H-TC-VAN
Mechanical schematics and riser diagrams	H-SM	Mechanical schematics and riser diagrams	H-SM
Mechanical schematics and riser diagrams	H-SM-CTL	Control system schematics	H-SM-COM

Major Group	English abbreviation	Description	French abbreviation
Mechanical schematics and riser diagrams	H-SM-DRS	Duct riser diagrams	H-SM-CMC
Mechanical schematics and riser diagrams	H-SM-DUC	Duct schematic diagrams	H-SM-COD
Mechanical schematics and riser diagrams	H-SM-PIP	Piping schematic diagrams	H-SM-TUY
Mechanical schematics and riser diagrams	H-SM-PRS	Piping riser diagrams	H-SM-CMT
Mechanical schematics and riser diagrams	H-SM-SYM	Symbols	H-SM-SYM
Mechanical schematics and riser diagrams	H-SM-WST	Waste schematics	H-SM-EEU
Ventilation and air conditioning	H-VA	Ventilation and air conditioning	H-VC
Ventilation and air conditioning	H-VA-COA	Combustion air ductwork	H-VC-ACO
Ventilation and air conditioning	H-VA-EQP	Equipment: fans, dampers, coils, filters, etc.	H-VC-EQU
Ventilation and air conditioning	H-VA-EXH	Exhaust air system	H-VC-AEV
Ventilation and air conditioning	H-VA-EXH-DUC	Exhaust air ductwork	H-VC-AEV-COD
Ventilation and air conditioning	H-VA-EXH-GRI	Exhaust grilles	H-VC-AEV-GRI
Ventilation and air conditioning	H-VA-INS	Duct insulation, acoustical lining	H-VC-ISO
Ventilation and air conditioning	H-VA-OTA	Outside air system	H-VC-AEX

Major Group	English abbreviation	Description	French abbreviation
Ventilation and air conditioning	H-VA-OTA-DUC	Outside air ductwork	H-VC-AEX-COD
Ventilation and air conditioning	H-VA-OTA-GRI	Outside air grilles	H-VC-AEX-GRI
Ventilation and air conditioning	H-VA-RET	Return system	H-VC-REP
Ventilation and air conditioning	H-VA-RET-DUC	Return ductwork	H-VC-REP-COD
Ventilation and air conditioning	H-VA-RET-GRI	Return grills	H-VC-REP-GRI
Ventilation and air conditioning	H-VA-SUP	Supply system	H-VC-AMA
Ventilation and air conditioning	H-VA-SUP-DIF	Supply diffusers	H-VC-AMA-DIF
Ventilation and air conditioning	H-VA-SUP-DUC	Supply ductwork	H-VC-AMA-COD
Ventilation and air conditioning	H-VA-VAV	Variable air volume boxes	H-VC-DAV
Ventilation and air conditioning	H-VA-VEN	Flue, vent, breaching	H-VC-EVE

1.7 Interior design

Major Group	English abbreviation	Description	French abbreviation
Blocking plan	I-BP	Blocking plan	I-BE
Blocking plan	I-BP-DIM	Dimensions	I-BE-DIM
Blocking plan	I-BP-OLN	Sector outlines	I-BE-CON
Blocking plan	I-BP-TXT	Text, notes	I-BE-TEX
Employee information	I-EI	Employee information	I-EM
Employee information	I-EI-IDN	Employee identification	I-EM-NUI
Equipment	I-EQ	Equipment	I-EQ
Equipment	I-EQ-CMP	Computers	I-EQ-ORD
Equipment	I-EQ-OEQ	Office equipment	I-EQ-EXI
Equipment	I-EQ-SPC	Special equipment	I-EQ-SPE
Furniture	I-FU	Furniture	I-MO
Furniture	I-FU-ACC	Accessories, coat trees, racks	I-MO-ACC
Furniture	I-FU-ART	Artwork	I-MO-ART
Furniture	I-FU-CAB	Storage cabinets, files	I-MO-RAG
Furniture	I-FU-CLR	Furniture colour	I-MO-COU
Furniture	I-FU-DSK	Desks, freestanding work surfaces	I-MO-SUT
Furniture	I-FU-NOF	Non-office furniture, first aid room beds, etc.	I-MO-APE
Furniture	I-FU-PLT	Plants	I-MO-PLT
Furniture	I-FU-SET	Seating	I-MO-SIE
Furniture	I-FU-SHL	Shelving	I-MO-ETA
Furniture	I-FU-TAB	Tables	I-MO-TAB
Furniture	I-FU-TXT	Annotations, text furniture	I-MO-TEX
Furniture	I-FU-SIZ	Furniture size	I-MO-DIM

Major Group	English abbreviation	Description	French abbreviation
Signage	I-SI	Signage	I-SI
Signage	I-SI-EQP	Barrier-free signs	I-SI-ACF
Signage	I-SI-OFF	Office signage	I-SI-BUR
Signage	I-SI-SPC	Special signage	I-SI-SPE
System furniture	I-SY	System furniture	I-EA
System furniture	I-SY-CLR	Panel colour	I-EA-COU
System furniture	I-SY-OVH	Panel overhead storage, etc.	I-EA-SUR
System furniture	I-SY-PED	Pedestal	I-EA-PED
System furniture	I-SY-SCR	Panels, screens	I-EA-ECA
System furniture	I-SY-SIZ	Panel sizes	I-EA-DIM
System furniture	I-SY-SUR	Work surfaces for system furniture	I-EA-SUT

1.8 Legal land surveying

Major Group	English abbreviation	Description	French abbreviation
Airport zoning	L-AZ	Airport zoning	L-ZA
Airport zoning	L-AZ-ZNS	Zoning surfaces, runway strips, centrelines	L-ZA-ZON
Boundary, Cadastral fabric	L-CF	Cadastral fabric	L-CD
Boundary, Cadastral fabric	L-CF-BDY	Property boundary, Surveyed boundary	L-CD-LIF
Boundary, Cadastral fabric	L-CF-CAN	Canadian boundaries	L-CD-FCN
Boundary, Cadastral fabric	L-CF-CLS	CLSR boundaries, reserves, parks	L-CD-RTC
Boundary, Cadastral fabric	L-CF-DIM	Segment labelling, bearings, and distance	L-CD-DIM
Boundary, Cadastral fabric	L-CF-EAS	Limited interest estate, easement, right of way	L-CD-DRO
Boundary, Cadastral fabric	L-CF-OTH	Other parcels/boundaries	L-CD-AUT
Boundary, Cadastral fabric	L-CF-PRO	Provincial boundaries	L-CD-PRV
Boundary, Cadastral fabric	L-CF-REG	Regional and municipality boundaries	L-CD-MUN
Boundary, Cadastral fabric	L-CF-STB	Setbacks	L-CD-MAR
Boundary, Cadastral fabric	L-CF-SYM	Symbols: coordinate monument, control point	L-CD-SYM
Boundary, Cadastral fabric	L-CF-TXT	Cadastral labelling, description, property ID, book number, etc.	L-CD-TEX

Major Group	English abbreviation	Description	French abbreviation
Boundary, Cadastral fabric	L-CF-ZNS	Land use regulation, zoning	L-CD-ZON
General	L-GL	General	L-GL
General	L-GL-TXT	General text	L-GL-TEX
Legal survey	L-SV	Legal survey	L-LV
Legal survey	L-SV-CLN	Radial ties, traverse lines, control lines	L-LV-LCH
Legal survey	L-SV-GRD	Survey grid	L-LV-QUA
Legal survey	L-SV-SPT	Survey points	L-LV-POL
Legal survey	L-SV-SPT-DES	Survey point description	L-LV-POL-DES
Legal survey	L-SV-SPT-ELV	Survey point elevation	L-LV-POL-ELV
Legal survey	L-SV-SPT-NUM	Survey point number text	L-LV-POL-NUI
Legal survey	L-SV-SPT-PNT	Survey points	L-LV-POL-PTS
Legal survey	L-SV-SYM	Symbols: survey pins, iron bars, etc.	L-LV-SYM
Legal survey	L-SV-TXT	Identification text	L-LV-TEX

1.9 Marine

Major Group	English abbreviation	Description	French abbreviation
Cathodic Anode Protection	M-CP-ETR	Électrode, anode, cathode	M-AP-ETR
Cathodic Anode Protection	M-CP-GND	Grounding	M-AP-MIT
Cathodic Anode Protection	M-CP-EQP	Rectifier, coupon, sampling	M-AP-RDR
Breakwater features	M-BW	Breakwater features	M-BL
Breakwater features	M-BW-OLN	Breakwater outline	M-BL-CON
Breakwater features	M-BW-TOE	Toe of breakwater	M-BL-BRV
Breakwater features	M-BW-TOP	Crest of breakwater, berms	M-BL-HRV
Dredging, excavation, grubbing	M-DG	Dredging, excavation, grubbing	M-DG
Dredging, excavation, grubbing	M-DG-TOP	Top of dredge or excavation side slope	M-DG-SUP
Dredging, excavation, grubbing	M-DG-TOE	Toe of dredge or excavation area or limit	M-DG-BAS
Dredging, excavation, grubbing	M-DG-HAT	Hatching	M-DG-HAC
General	M-GL	General	M-GL
General	M-GL-DIM	Dimensions	M-GL-DIM
General	M-GL-HAT	Hatching	M-GL-HAC
General	M-GL-LAY	Layout line work	M-GL-TRI
General	M-GL-TXT	Text	M-GL-TEX
Navigation	M-NV	Navigation	M-NA
Navigation	M-NV-BUO	Buoys	M-NA-BOU

Major Group	English abbreviation	Description	French abbreviation
Navigation	M-NV-CAR	Cards	M-NA-SYM
Navigation	M-NV-CNL	Navigation channels, corridors	M-NA-CNL
Navigation	M-NV-EQP	Floating aids, marker buoys, fog horns	M-NA-EQU
Navigation	M-NV-SPA	Spars	M-NA-MAT
Skid-way, haul-outs, slipways	M-SK	Skid-way, haul-outs, slipways	M-CA
Skid-way, haul-outs, slipways	M-SK-BED	Vessel beds	M-CA-PLF
Skid-way, haul-outs, slipways	M-SK-BLK	Anchor blocks, haul out blocks	M-CA-BLC
Skid-way, haul-outs, slipways	M-SK-FTG	Footings	M-CA-SEM
Skid-way, haul-outs, slipways	M-SK-GUA	Guards	M-CA-GUA
Skid-way, haul-outs, slipways	M-SK-GUT	Gutter	M-CA-CAN
Skid-way, haul-outs, slipways	M-SK-JER	Jersey barrier / wall	M-CA-JER
Skid-way, haul-outs, slipways	M-SK-OLN	Skid-way outline	M-CA-CON
Skid-way, haul-outs, slipways	M-SK-PRP	Parapet	M-CA-PRP
Skid-way, haul-outs, slipways	M-SK-RAI	Railway	M-CA-TRC
Skid-way, haul-outs, slipways	M-SK-SHO	Shoulder	M-CA-ACT
Skid-way, haul-outs, slipways	M-SK-SKD	Skid timbers, skid poles	M-CA-POU

Major Group	English abbreviation	Description	French abbreviation
Skid-way, haul-outs, slipways	M-SK-SLB	Concrete slabs, precast panels	M-CA-DPP
Skid-way, haul-outs, slipways	M-SK-SSP	Steel sheet piling	M-CA-PAL
Hydrographic survey information, non legal	M-SN	Hydrographic survey information, non legal	M-RH
Hydrographic survey information, non legal	M-SN-DAT	Chart datum contour, 0.00 m	M-RH-ZDC
Hydrographic survey information, non legal	M-SN-DRG	Dredged area or limits	M-RH-LID
Hydrographic survey information, non legal	M-SN-HNT	High normal tide	M-RH-MHN
Hydrographic survey information, non legal	M-SN-HWL	High water lines	M-RH-LHM
Hydrographic survey information, non legal	M-SN-LNT	Low normal tide	M-RH-MBN
Hydrographic survey information, non legal	M-SN-LWL	Low water lines	M-RH-LBM
Hydrographic survey information, non legal	M-SN-MAJ	Major sea bottom contours	M-RH-PFM
Hydrographic survey information, non legal	M-SN-MIN	Minor sea bottom contours	M-RH-SFM
Hydrographic survey information, non legal	M-SN-LDL	Lead lines	M-RH-LSO
Hydrographic survey information, non legal	M-SN-PRB	Probe depth	M-RH-PRO
Hydrographic survey information, non legal	M-SN-SPT	Soundings, spot elevations	M-RH-SON

Major Group	English abbreviation	Description	French abbreviation
Hydrographic survey information, non legal	M-SN-SPT-ELV	Survey point elevation	M-RH-POL-ELV
Hydrographic survey information, non legal	M-SN-SPT-PNT	Survey points	M-RH-POL-PTS
Hydrographic survey information, non legal	M-SN-SPT-NUM	Survey point number text	M-RH-POL-NUI
Hydrographic survey information, non legal	M-SN-SPT-DES	Survey point description	M-RH-POL-DES
Hydrographic survey information, non legal	M-SN-TID	Tide gauges, tidal equipment, tide datum	M-RH-EQU
Scour protection	M-SR	Scour protection	M-PA
Scour protection	M-SR-GAB	Gabions	M-PA-GAB
Scour protection	M-SR-RRP	Rip rap	M-PA-ENR
Wharf features	M-WF	Wharf features	M-CQ
Wharf features	M-WF-BEM	Pile caps, beams	M-CQ-POU
Wharf features	M-WF-BRC	Bracing, wales	M-CQ-ENT
Wharf features	M-WF- BUO	Buoys	M-CQ-BOU
Wharf features	M-WF-CAI	Caissons	M-CQ-FLO
Wharf features	M-WF-CRW	Crown slopes, crowns	M-CQ-SOM
Wharf features	M-WF-CTW	Catwalks	M-CQ-PAS
Wharf features	M-WF-CWK	Cribwork, ballast floor	M-CQ-CCV
Wharf features	M-WF-CWL	Cope walls, cope beams	M-CQ-MPC
Wharf features	M-WF-DRK	Derricks, cranes, gallows	M-CQ-GRU
Wharf features	M-WF-DRN	Drains, scuppers	M-CQ-DRA
Wharf features	M-WF-FND	Fenders, fender piles, sheathing, paneling,post	M-CQ-DEF
Wharf features	M-WF-FST	Floating wharves	M-CQ-QUF

Major Group	English abbreviation	Description	French abbreviation
Wharf features	M-WF-FTG	Footings, deck substructures	M-CQ-SEM
Wharf features	M-WF-FWL	Firewalls	M-CQ-MCF
Wharf features	M-WF-GUA	Guards	M-CQ-BAR
Wharf features	M-WF-GWY	Gangways	M-CQ-PAE
Wharf features	M-WF-JNT	Construction, control joints	M-CQ-JOC
Wharf features	M-WF-LAD	Ladders	M-CQ-ECH
Wharf features	M-WF-LTG	Lighting, light post, projector	M-CQ-ECL
Wharf features	M-WF-MAT	Rock mattress, granular base	M-CQ-MRO
Wharf features	M-WF-MOR	Mooring cleats, mooring rings, bollards	M-CQ-TAA
Wharf features	M-WF-OLN	Wharf and dolphin outlines	M-CQ-CON
Wharf features	M-WF-PIL	Bearing piles, batter piles, pier	M-CQ-PIL
Wharf features	M-WF-REC	Receptacle	M-CQ-PRS
Wharf features	M-WF-SSP	Steel sheet piling	M-CQ-PAL
Wharf features	M-WF-TIE	Tie rods, anchor blocks, tie back walls	M-CQ-TBA

1.10 Facilities Area Measurement

* (spécial use only)

Major Group	English abbreviation	Description	French abbreviation
Building common areas	R-BC	Building common Areas	R-CB
Building common areas	R-BC-COR	Shared public corridors	R-CB-COR
Building common areas	R-BC-OLN	General shared building outline	R-CB-CON
Building common areas	R-BC-RMS	Shared rooms	R-CB-SAL
Building service areas	R-BS	Building service areas	R-SB
Building service areas	R-BS-MEZ	In-fill mezzanine	R-SB-MEZ
Building service areas	R-BS-OLN	General building service outline	R-SB-CON
Building service areas	R-BS-RMS	Building service rooms	R-SB-SAL
Building service areas	R-BS-SFT	Vertical shafts, elevators, stairs	R-SB-PUV
Exterior site areas	R-EX	Exterior site areas	R-EX
Exterior site areas	R-EX-OLN	Exterior site areas outline	R-EX-CON
Floor common areas	R-FC	Floor common areas	R-AE
Floor common areas	R-FC-CNV	Convectors (baseboard, radiators)	R-AE-CNV
Floor common areas	R-FC-COL	Building structure, columns (interior and perimeter)	R-AE-COL
Floor common areas	R-FC-COR	Primary circulation	R-AE-COR
Floor common areas	R-FC-ENC	Encroachments (unusable space)	R-AE-EMP
Floor common areas	R-FC-FIR	Fire egress cross over areas, fire refuge areas	R-AE-SOS
Floor common areas	R-FC-LOB	Floor elevator lobbies	R-AE-HAL
Floor common areas	R-FC-OLN	General outline of floor common areas	R-AE-CON
Floor common areas	R-FC-RMS	Electrical, telecom, janitor's closets	R-AE-SAL
Floor common areas	R-FC-WSR	Washrooms	R-AE-SAT

Major Group	English abbreviation	Description	French abbreviation
Floor common areas	R-FC-WSR-BRF	Accessible washrooms	R-AE-SAT-ACF
Gross area	R-GA	Gross area	R-AB
Gross area	R-GA-EXT	Exterior gross area	R-AB-EXT
Gross area	R-GA-INT	Interior gross area	R-AB-INT
General	R-GL	General	R-GL
General	R-GL-TXT	Street names	R-GL-TEX
Parking	R-PK	Parking	R-ST
Parking	R-PK-0000-BRF	Barrier-free parking	R-ST-0000-ACF
Parking	R-PK-0000-DEP	Parking number - department name (special use only)	R-ST-0000-MIN
Parking	R-PK-DIV	Parking divisions	R-ST-DIV
Parking	R-PK-EXT	Exterior parking (special use only)	R-ST-EXT
Parking	R-PK-IDN	Parking identification numbers	R-ST-NUI
Parking	R-PK-INT	Interior parking (special use only)	R-ST-INT
Parking	R-PK-OLN	Outlines	R-ST-CON
Parking	R-PK-SPC	Special parking	R-ST-SPE
User common	R-UC	User common	R-AC
User common	R-UC-COR	Shared public corridors	R-AC-COR
User common	R-UC-OLN	General shared user outline	R-AC-CON
User common	R-UC-RMS	Shared rooms (Conference room, day care, mail, etc.)	R-AC-SAL
Usable	R-US	Usable	R-AU
Usable	R-US-001, 002...	Usable area polygons by location	R-AU-001, 002
Usable	R-US-COR	Primary circulation areas (Special use only)	R-AU-COR
Usable	R-US-DEP	Space allocation by department (Special use only)	R-AU-MIN

Major Group	English abbreviation	Description	French abbreviation
Usable	R-US-DIV	Division of areas	R-AU-DIV
Usable	R-US-GRP	Space allocation by group / branch (Special use only)	R-AU-GRP
Usable	R-US-IDN	Location identification numbers	R-AU-NUI
Usable	R-US-OLN	General usable outlines (Special use only)	R-AU-CON
Usable	R-US-RMS	Room identification numbers (Special use only)	R-AU-SAL-NUI
Usable	R-US-UNT	Space allocation by units (Special use only)	R-AU-UNI
Zoning	R-ZN	Zoning	R-ZO
Zoning	R-ZN-CLE	Cleaning zoning	R-ZO-NET
Zoning	R-ZN-FIR	Fire egress zoning	R-ZO-SOS
Zoning	R-ZN-SEC	Security zoning	R-ZO-SEU

1.11 Structure

Major Group	English abbreviation	Description	French abbreviation
Ceilings	S-CL	Ceilings	S-PF
Ceilings	S-CL-BEM	Ceiling beams	S-PF-POU
Floors	S-FL	Floors	S-PC
Floors	S-FL-BEM	Floor beams	S-PC-POU
Floors	S-FL-BRC	Bracing	S-PC-ENT
Floors	S-FL-DEK	Decking, waffle	S-PC-PLA
Floors	S-FL-FRM	Framing	S-PC-CHR
Floors	S-FL-JNT	Joints, expansion, construction	S-PC-JOC
Floors	S-FL-JST	Joists	S-PC-PLP
Floors	S-FL-OLN	Floor outlines	S-PC-CON
Floors	S-FL-OPN	Floor openings	S-PC-OUV
Floors	S-FL-SLB	Floor slabs	S-PC-DPP
Floors	S-FL-STR	Structural landings	S-PC-ESC
Foundations	S-FN	Foundations	S-FD
Foundations	S-FN-BEM	Pile caps, cap beams, grade beams	S-FD-POU
Foundations	S-FN-FIL	Backfill, soil line	S-FD-REM
Foundations	S-FN-FTG	Footings	S-FD-SEM
Foundations	S-FN-OLN	Foundation outlines	S-FD-CON
Foundations	S-FN-PIL	Piles, caissons, piers	S-FD-PIE
Structural grid	S-GR	Structural grid	S-QU
Structural grid	S-GR-EXT	Structural grid lines outside building	S-QU-EXT
Structural grid	S-GR-INT	Structural grid lines inside building	S-QU-INT
Roofs	S-RF	Roofs	S-TO

Major Group	English abbreviation	Description	French abbreviation
Roofs	S-RF-BEM	Beams	S-TO-POU
Roofs	S-RF-BRC	Bracing	S-TO-ENT
Roofs	S-RF-DEK	Decking, waffle	S-TO-PLA
Roofs	S-RF-FRM	Framing,	S-TO-CHR
Roofs	S-RF-JNT	Joints, expansion, construction	S-TO-JOC
Roofs	S-RF-JST	Joists	S-TO-PLP
Roofs	S-RF-OLN	Roof outlines	S-TO-CON
Roofs	S-RF-OPN	Roof openings	S-TO-OUV
Roofs	S-RF-SLB	Roof slabs	S-TO-DPP
Roofs	S-RF-TRU	Roof Trusses	S-TO-FER
Walls, columns	S-WL	Walls	S-MU
Walls, columns	S-WL-BRC	Cross bracing	S-MU-ENT
Walls, columns	S-WL-BRG	Bearing walls	S-MU-POR
Walls, columns	S-WL-COL	Columns	S-MU-COL
Walls, columns	S-WL-JNT	Joints, expansion, construction	S-MU-JOC
Walls, columns	S-WL-OPN	Wall openings	S-MU-OUV
Walls, columns	S-WL-RWL	Retaining walls	S-MU-STM

2. Layer field descriptions

2.1 Discipline field

The following table lists Discipline field abbreviations that can be used to create new layer names.

X-XX-XXX

Abbreviation	Description
A	Architecture
B	Bridges and dams engineering
C	Civil engineering, site design, and landscape architecture
E	Electrical systems
G	General information
H	Mechanical
I	Interior design
L	Land surveying
M	Marine
R	Real property space management
S	Building structure

2.2 Group field

The following table lists the Group field abbreviations that can be used to create new layer names. This is the second part of the layer name following the Discipline field:

x-XX-XXX

Abbreviation	Description
AP	Approach slabs
AZ	Airport zoning
BC	Building common areas "Accessory B"

Abbreviation	Description
BH	Borehole data (geotechnical)
BP	Blocking plan
BS	Building service areas
BW	Breakwater features

Abbreviation	Description
CF	Cadastral fabric
CI	Circulation
CK	Clock systems
CL	Ceilings
CP	Cathodic Protection
CS	Control systems
DA	Data systems
DG	Dredging, excavation, grubbing
DI	Diesel fuel distribution
DK	Deck
DR	Doors
DT	Details
DW	Domestic water
EG	Emergency generation
EI	Employee information
EL	Emergency lighting
EM	Emergency
EN	Environment
EP	Emergency power equipment
EQ	Equipment
EW	Emergency power wiring and cabling
EX	Exterior site areas
FC	Floor common areas
FL	Floors
FN	Foundations
FP	Fire protection
FR	Electrical fire protection
FU	Furniture
FW	Flat Wiring
GA	Gross area
GD	Grounding
GL	Global / General

Abbreviation	Description
GR	Grid
HC	Heating and cooling
HY	Hydrology
LD	Landscaping
LG	Legend
LP	Lightning protection
NG	Normal power generation
NL	Normal lighting
NP	Normal power equipment
NV	Navigation
NW	Normal power wiring and cabling
NZ	Natural gas
OI	Oil distribution
PA	Sound and public address (PA) systems
PB	Plumbing
PG	Propane gas
PH	Telephone systems
PK	Parking
PL	Plan
PP	Fuel and process piping
PR	Profile data
RF	Roofs
RO	Roads
RW	Railways
SA	Sanitary sewer
SB	Substructure
SC	Schedules
SD	Site distribution and electrical equipment
SE	Security systems
SF	Natural site features
SG	Signal systems

Abbreviation	Description
SI	Signage
SK	Skid-way, haul-outs, slipways
SM	Schematics
SN	Hydrographic survey information, non-legal
SP	Legal site plan
SR	Scour protection
SS	Superstructure
SU	Surface maintenance building
SV	Survey
SW	Storm water and drainage
SY	System furniture

Abbreviation	Description
TL	Title block
TP	Topographical information
UC	User common
US	Usable
VA	Ventilation and air conditioning
VD	Video conferencing systems
VG	Vegetation
WD	Windows
WF	Wharf features
WL	Walls, columns
WM	Water and fire
ZN	Zoning

2.4 Single Layer Field and First Layer Name Extension

The following table lists the Single Layer field and First Layer Name Extension abbreviations that can be used to create new layer names. This is the third or fourth part (if required) of the layer name following the Group field:

X-XX-**XXX** X-XX-XXX-**XXX-X**

Abbreviation	Description
3DM	3D model components of 2D symbols
ABN	Abandoned
ABU	Abutments
ABV	Above ground, above grade
ACC	Accessories
ACR	Fire department access routes
AIR	Control air piping
ALI	Alignment
ALM	Intrusion alarms
ANN	Annual flowers
ANT	Antenna
APC	Approach surface (airport)
APR	Approach slabs
APX	Approximate
ART	Artwork
ASP	Asphalt
ATT	Attributes
AWP	Acid waste piping (medical)
BAR	Barriers, railings
BDY	Legal limits, fee simple, admin., control
BED	Vessel beds
BEM	Beams
BEN	Local benchmarks
BIR	Bird hazard (airport)
BKH	Bulkheads

Abbreviation	Description
BLK	Block
BND	Boundaries
BRC	Bracing
BRF	Barrier-free
BRD	Bridges
BRG	Bearing
BRK	Brick
BRL	Break lines
BUF	Buffer, stop, bumper
BUO	Buoys
BYP	By-pass box
CAB	Cabinet
CAI	Caissons
CAN	Canadian boundaries
CAR	Cards
CAT	Catchments area
CBL	Flat wiring cable location
CBT	Cable trays, ducts, and raceways
CEX	Chemical extinguisher
CHL	Chilled water
CHN	Chainage
CLD	Cold water
CLE	Cleaning, clean out
CLG	Ceiling-mounted equipment, wiring, or finishes
CLI	Centrelines

Abbreviation	Description
CLK	Clock system
CLN	Control lines
CLR	Colours
CLS	CLSR boundaries, reserves, parks
CLT	Control wiring for emergency lighting
CMA	Compressed air
CMB	Combined sewers
CMP	Computers
CNB	Flat wiring connection boxes
CNL	Navigation channels, corridors
CNT	Construction
CNV	Convectors
CO2	Carbon dioxide gas
COA	Combustion air ductwork
COD	Conduits
COL	Columns
CON	Concrete
COR	Corridors
COT	Cooling tower
CPT	Control points
CRB	Curbs
CRP	Carpet
CRT	Certificates, stamps
CRW	Crown slopes, crowns
CTL	Controls
CTM	Contamination (environment)
CTP	Countertops
CTW	Catwalks
CUL	Culverts
CVY	Horizontal conveyors, moving sidewalks

Abbreviation	Description
CWL	Cope walls, cope beams
CWK	Cribwork, ballast floor
DAS	Data systems schematics
DAT	Chart datum contour, 0.00 m
DBR	Debris, rubble, loose rock and soil
DCB	DC battery systems
DCL	Ditch centre lines
DEC	Deciduous
DEK	Deck
DEP	Space allocation by department
DES	Description
DIF	Diffusers
DIG	Digitized or vectorized from scanned Image
DIM	Dimensions
DIV	Divisions
DRG	Dredged area or limits
DRK	Derricks, cranes, gallows
DRN	Drains, scuppers
DRS	Duct riser diagrams
DSK	Desks, work surfaces, tables
DUC	Ducts
DWV	Drainage waste and vent system
EAS	Easement
EFP	Electrical fire protection schematics
ELD	Electromagnetic locking devices
ELE	Elevators
ELK	Electrical security locks
ELV	Elevation (survey points)
EME	Emergency

Abbreviation	Description
ENC	Encroachments (unusable space)
EPE	Explosion-proof equipment
EPR	Emergency power wiring & equipment
EQP	Equipment
ESC	Escalator
ESG	Exit signs
ETR	Électrode, anode, cathode
EVR	Evergreen
EXH	Exhaust
EXP	Exposed inside/outside wiring
EXT	Exterior
FEN	Fencing
FEX	Foamed extinguisher
FHY	Fire hydrants
FIL	Backfill, soil line
FIN	Finishes
FIR	Fire egress
FIX	Electrical, Plumbing fixtures
FLG	Flagpoles
FLO	Flow, discharge
FLR	Floor-mounted equipment, wiring or finishes
FLW	Flowers
FND	Fenders
FOI	Fuel oil
FRL	Fire lines
FRM	Framing
FST	Floating wharfs
FTG	Footing
FTN	Fountains, pools
FUR	Site furnishings, benches, garbage cans, etc.

Abbreviation	Description
FWL	Fire walls
GAB	Gabions
GCV	Ground cover
GDP	Guideposts
GEN	Generators
GLY	Glycol
GLZ	Glass, glazing
GND	Grounding schematics
GPS	Global Positioning System
GRA	Grading
GRD	Grid
GRI	Grilles
GRL	Guides, guardrails, median dividers, bollards
GRP	Space allocation by group / branch
GRS	Grass, lawn area
GRV	Gravel
GUA	Guards
GUT	Gutter lines
GWY	Gangways
HAT	Hatching
HED	Door and window headers
HEG	Helium gas
HIG	High
HNT	High normal tide
HOR	Horizontal
HOT	Hot water
HVD	High voltage distribution
HWA	Heating water
HWL	High water lines
HWY	Highway plan
HYD	Hydronic equipment
HYG	Hydrogen gas

Abbreviation	Description
ICE	Ice thickness
IDN	Identification
IMP	Imports (Revit families)
IND	Industrial
INS	Insulation
INT	Interior
IOT	Inlet outlet
IRR	Irrigation system
JER	Jersey wall
JMB	Door jamb, casework
JNT	Joints
JST	Joists
KRK	Kirk key interlocks
LAD	Ladders
LAN	Local area network
LAY	Layout line work
LDL	Lead lines
LEV	Floor level changes, ramps, truck wells
LGO	Logos
LGT	Lighting control schematics and diagrams
LIM	Limits
LIN	Line work
LNT	Low normal tide
LOB	Floor elevator lobbies
LOG	Borehole logs and data
LOW	Low
LTG	Normal powered lighting
LTP	Lightning protection schematics
LVD	Low voltage distribution
LWL	Low water lines
MAJ	Major contours

Abbreviation	Description
MAN	Manholes
MAR	Marshes, wetlands
MAT	Wharf mattress, granular base
MEC	Electrical connections to mechanical equipment
MEG	Methane gas
MET	Meters
MIL	Architectural specialties, casework and millwork
MIN	Minor contours
MLI	Main lines
MMS	Maintenance Management System
MNG	Storm water management pond
MON	Monuments
MOR	Mooring cleats, bollards
MRK	Markings and road striping
MSH	Mass hauling diagrams
MTR	Metering wiring & equipment
MUN	Municipal and utility services
NGA	Natural gas
NIT	Nitrogen (medical)
NOD	Node, horizontal reference point
NOF	Non-office furniture, first aid room beds, etc.
NPR	Normal power schematics, risers
NPT	Non Plot
NUM	Number
OEQ	Office equipment
OFF	Office signage
OLN	Outlines

Abbreviation	Description
OPN	Openings
ORN	Ornamental
OTA	Outside air
OTH	Other
OUT	Outlets
OVH	Overhead
OXY	Oxygen (medical)
PAN	Distribution panel (electrical, telephone)
PAR	Parcel line work
PAS	Public address system schematics
PER	Perennial
PGA	Propane gas
PIC	Inserted pictures
PIL	Piles
PIP	Pipes, piping
PIR	Piers
PIT	Borrow pit
PLA	Plastic
PLM	Plume outline
PLN	Approach slabs in plan view
PLT	Plants
PMP	Pumping stations
PNL	Door panels, leaves
PNT	Points
POL	Poles and towers (electrical, communication)
PRB	Probe depth
PRF	Profiles
PRI	Primary
PRO	Provincial boundaries
PRP	Parapet
PRS	Piping riser diagrams

Abbreviation	Description
PRT	Partitions (walls)
PST	Posts
PTS	Station points
QLX	X (1 to 5) Quality level associated with geospatial data and information
RAD	Radiant heat
RAI	Railway
RAS	Raised floors
RAW	Raw water lines
RCK	Rock
RCL	Recirculation
REB	Reinforcing
REC	Receptacles
REF	Refrigerant equipment
REG	Regional and municipality boundaries
RET	Return
RFG	Refrigerant gas
RFL	Refrigerant liquid
RLN	Reference lines
RME	Read Me info
RMN	Remnants (archaeology)
RMP	Ramps
RMS	Rooms
ROD	Drivable road limits (asphalt) road, lots
ROW	Reverse Osmosis (RO) water or distilled water (medical)
RPL	Reference plan
RPS	Real property information
RRP	Riprap
RWL	Retaining walls
SAF	Life safety

Abbreviation	Description
SCD	Secondary
SCR	System furniture panels, screens
SEC	Security zoning
SED	Seeded area
SEL	Super elevation
SEN	Motion sensors
SEP	Septic (field, tank, etc.)
SET	Seating
SEW	Sewer
SFT	Shafts
SGL	Sign layouts and details
SGN	Signs
SHL	Shelving
SHO	Shoulder
SIG	Signalling devices
SIL	Window sills
SIZ	Size
SKD	Skid timbers, skid poles
SLB	Slabs
SLI	Service lines
SMP	Soil sample locations
SND	Sand
SNL	Stringers
SOD	Sodded
SPA	Spars
SPC	Special
SPK	Sprinkler system
SPO	Sports facilities, goal nets, etc.
SPR	Stratigraphic profiles
SPT	Spot elevations
SRB	Shrubs
SRF	Surface model line work

Abbreviation	Description
SSP	Steel sheet piling
STA	Stations (survey)
STB	Setbacks
STG	Staging layout plan
STI	Strip (airport)
STL	Steel
STM	Steam
STO	Stone
STP	Standpipe
STR	Stairs, stairwells, and ladders
SUB	Sub
SUP	Supply
SUR	Work surfaces, D-tops, P-tops, etc.
SWG	Door swing or path
SWK	Sidewalks
SYM	Symbols
TAB	Tables
TBK	Title block
TEL	Telephone
TEN	Tenant
TER	Terraces
TID	Tide gauges, tidal equipment, tide datum
TIE	Tie rods, anchor blocks, tie-back walls
TIL	Tile
TIM	Timber
TMP	Temporary
TMT	Sewage treatment areas
TNK	Tanks
TOE	Toe of bank, breakwater, berms

Abbreviation	Description
TOP	Top of bank, crest of breakwater, berms
TRE	Trees
TRL	Trails
TRS	Transitional surface (airport)
TRU	Trusses
TUN	Tunnels
TXT	Text
UCD	Underlying cadastral fabric, deeds, lots, plans
UND	Underground, below grade
UNT	Space allocation by units
UPS	Uninterruptible power system (Ups) and conditioned power
VAC	Vacuum piping
VAL	Valves
VAV	Variable air volume boxes
VCE	Emergency voice communication
VCL	Video controllers (digital)
VCM	Video cameras and monitors

Abbreviation	Description
VEN	Vents
VER	Vertical
VID	Video system schematics
VIN	Vines
VPC	Valve pump chamber
VPT	Viewports
WAL	Walls, Wall-mounted equipment or wiring
WEL	Well
WIN	Windows
WLI	Water lines
WLK	Roof boardwalks, catwalks
WNG	Wing wall
WOR	Working area
WRG	Wiring
WSR	Washrooms
WST	Waste schematics
WTR	Watercourse
XRE	External reference
ZNS	Zoning surfaces

2.5 Second Layer name extension

The following table lists the Second Layer name extension abbreviations that can be used to create new layer names. This is the fourth or fifth part of the layer name following the Single layer field or First Layer name extension:

X-XX-XXX--**X** X-XX-XXX-XXX-**X**

Abbreviation	Description
1 to 9	Options or phases 1 to 9
A	English text (anglais)
B	As built (as Constructed)
E	Existing
F	French text
M	To be moved or relocated
N	New
P	Planned or proposed
S	Base
X	To be removed / Removed
Z	Abandoned