

MicroStation V8 Level List for Facility, Pipeline, and Survey

Category	Name	Number	Description
no group	Default	0	default level - do not use
general	G-ANNO-BRDR	101	General: Border
general	G-ANNO-TTLB	102	General: Title Block
general	G-ANNO-LEGN	104	General: Chart line work
general	G-ANNO-TEXT	105	General: Text - notes, chart text
general	G-ANNO-SIGS	106	General: Electronic Signatures
general	G-COLS-GRID	107	Grid: building column line grid with labels
general	G-COOR-GRID	108	Grid: Coordinate Grid Ticks and Lines
general	G-COOR-GRID-IDEN	109	Grid: Coordinate Grid Labels
general	G-ANNO-REVS	111	General: Revision Marks
general	G-ANNO-REDL	112	General: Redline markups
general	G-ANNO-SYMB	113	General: Match Lines and other misc. symbols
general	G-ANNO-PLAN	114	General: Key Plans
general	G-ANNO-PATT	116	General: Patterning
general	G-ANNO-PATT-IPLT	117	General: Patterning with IPLOT
general	G-GRID-MAJR	121	Profile: Grid - major lines
general	G-GRID-MINR	122	Profile: Grid - minor lines
general	G-GRID-FRAME	123	Profile: Grid - frame
general	G-GRID-TEXT	124	Profile Grid: Text- Grid Labels; building column grid labels
general	G-SPCL-REFR-NPLT	131	Special: Reference File documentation (non plot)
general	G-SPCL-BRDR-NPLT	132	Special: IPLOT no plot border/plot shape
general	G-SPCL-DATA-NPLT	133	Special: User Documentation for data sources
general	G-NPLT-01	140	Scratch: non-plot 1
general	G-NPLT-02	141	Scratch: non-plot 2
general	G-NPLT-03	142	Scratch: non-plot 3
general	G-NPLT-04	143	Scratch: non-plot 4
general	G-NPLT-05	144	Scratch: non-plot 5
general	G-NPLT-06	145	Scratch: non-plot 6
general	G-NPLT-07	146	Scratch: non-plot 7
general	G-NPLT-08	147	Scratch: non-plot 8
general	G-NPLT-09	148	Scratch: non-plot 9
general	G-NPLT-10	149	Scratch: non-plot 10
general	G-ACAD-01	150	Translation: ACAD or other CAD to MSTN 1
general	G-ACAD-02	151	Translation: ACAD or other CAD to MSTN 2
general	G-ACAD-03	152	Translation: ACAD or other CAD to MSTN 3
general	G-ACAD-04	153	Translation: ACAD or other CAD to MSTN 4
general	G-ACAD-05	154	Translation: ACAD or other CAD to MSTN 5
general	G-ACAD-06	155	Translation: ACAD or other CAD to MSTN 6
general	G-ACAD-07	156	Translation: ACAD or other CAD to MSTN 7
general	G-ACAD-08	157	Translation: ACAD or other CAD to MSTN 8
general	G-ACAD-09	158	Translation: ACAD or other CAD to MSTN 9
general	G-ACAD-10	159	Translation: ACAD or other CAD to MSTN 10
general	G-SCRN-01	160	Screened: any item to be screened by pen table 1
general	G-SCRN-02	161	Screened: any item to be screened by pen table 2
general	G-SCRN-03	162	Screened: any item to be screened by pen table 3
general	G-SCRN-04	163	Screened: any item to be screened by pen table 4
general	G-SCRN-05	164	Screened: any item to be screened by pen table 5
general	G-SCRN-06	165	Screened: any item to be screened by pen table 6
general	G-SCRN-07	166	Screened: any item to be screened by pen table 7
general	G-SCRN-08	167	Screened: any item to be screened by pen table 8
general	G-SCRN-09	168	Screened: any item to be screened by pen table 9
general	G-SCRN-10	169	Screened: any item to be screened by pen table 10
geotech-corrosion	B-BORE-HOLE	201	Geotech: Boring Hole
geotech-corrosion	B-BORE-IDEN	202	Geotech: Boring Hole Text

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Category	Name	Number	Description
geotech-corrosion	B-BORE-PATT	203	Geotech: Boring Hole Pattern
geotech-corrosion	B-BORE-FDTA	204	Geotech: Boring Hole Field Data
geotech-corrosion	B-BORE-LDTA	205	Geotech: Boring Hole Lab Data
geotech-corrosion	B-BORE-ELEV	206	Geotech: Boring Hole Elevation
geotech-corrosion	B-BORE-MISC	207	Geotech: Boring Hole SPARE
geotech-corrosion	B-ANNO-NOTE	208	Geotech: Boring Hole General Notes
geotech-corrosion	D-CATH-IDEN	221	Cathodic Protection: text
geotech-corrosion	D-CATH-ANOD	222	Cathodic Protection: anode
geotech-corrosion	D-CATH-COND	223	Cathodic Protection: cables and conduits
geotech-corrosion	D-CATH-MISC	224	Cathodic Protection: SPARE
pipeline	W-ALGN-BCEC	301	Pipeline: BCEC - proposed alignment
pipeline	W-ALGN-STAT	302	Pipeline: BCEC - Pipe Station Line
pipeline	W-ALGN-IDEN	303	Pipeline: BCEC - Station Notes
pipeline	W-DIST-MAIN-SNGL	310	Pipeline: Distribution Water - single line pipe
pipeline	W-DIST-MAIN-DBLL	311	Pipeline: Distribution Water - double line pipe
pipeline	W-DIST-MAIN-CASE	312	Pipeline: Distribution Water - pipe casing
pipeline	W-DIST-MAIN-FTTG	313	Pipeline: Distribution Water - appurtenances (hydrants, valves, etc)
pipeline	W-DIST-MAIN-STRC	314	Pipeline: Distribution System - above ground
pipeline	W-DIST-MAIN-IDEN	315	Pipeline: Distribution System - text
pipeline	W-DIST-RECY-MAIN	321	Pipeline: Recycled Water - pipe
pipeline	W-DIST-RECY-DBLL	322	Pipeline: Recycled Water - double line pipe
pipeline	W-DIST-RECY-FTTG	323	Pipeline: Recycled Water - appurtenances
pipeline	W-DIST-RECY-STRC	324	Pipeline: Recycled Water - above ground
pipeline	W-DIST-RECY-IDEN	325	Pipeline: Recycled Water - text
pipeline	W-DIST-RFS	331	Pipeline: RFS - pipe and appurtenances
pipeline	W-DIST-RFS-IDEN	332	Pipeline: RFS -text
pipeline	W-DIST-RWTR-MAIN	341	Pipeline: Raw Water - pipe and appurtenances
pipeline	W-DIST-RWTR-STRC	342	Pipeline: Raw Water - above ground
pipeline	W-DIST-RWTR-IDEN	343	Pipeline: Raw Water - text
pipeline	W-DIST-MISC	351	Pipeline: Spare
pipeline	W-DIST-MISC-IDEN	352	Pipeline: Spare - text
pipeline	W-PRO-TOPO-MAJR	361	Pipeline: Proposed Topo Contour - index
pipeline	W-PRO-TOPO-MINR	362	Pipeline: Proposed Topo Contour - minor
pipeline	W-PRO-TOPO-OTHR-ALT1	363	Pipeline: Proposed Topo Spare - alternate 1
pipeline	W-PRO-ROAD-EDGE	371	Pipeline: Proposed Roadway - edge of traveled way
pipeline	W-PRO-ROAD-IDEN	372	Pipeline: Proposed Roadway - text
pipeline	W-PRO-UTIL-UNDR	381	Pipeline: Proposed Utilities Other - below grade
pipeline	W-PRO-UTIL-IDEN	382	Pipeline: Proposed Utilities Other - text
pipeline	W-PRO-SSWR-MAIN	383	Pipeline: Proposed Sanitary Sewer - below grade
pipeline	W-PRO-SSWR-IDEN	384	Pipeline: Proposed Sanitary Sewer - text
pipeline	W-PRO-STRM-MAIN	385	Pipeline: Proposed Storm Drain - below grade
pipeline	W-PRO-STRM-IDEN	386	Pipeline: Proposed Storm Drain - text
facility	S-CONC-EDGE	401	Structural: Concrete: footings, grade beams, pile caps
facility	S-CONC-EMBD	402	Structural: Concrete: embedments
facility	S-CONC-JOIN	403	Structural: Concrete: joints, slab slope lines
facility	S-CONC-RBAR	404	Structural: Concrete: rebar
facility	S-CONC-MISC	405	Structural: Concrete: SPARE
facility	S-WOOD-MAJR	406	Structural: Wood Framing: major components
facility	S-WOOD-MINR	407	Structural: Wood Framing: minor components
facility	S-WOOD-MISC	408	Structural: Wood Framing: SPARE
facility	S-STEL-MAJR	409	Structural: Steel: major components
facility	S-STEL-MINR	410	Structural: Steel: minor components
facility	S-STEL-MISC	411	Structural: Steel: SPARE

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Category	Name	Number	Description
facility	S-SNDW	412	Structural: Soundwall
facility	S-CMU-WALL	413	Structural: CMU Concrete Masonry Units
facility	S-MISC	414	Structural: SPARE
facility	S-IDEN	415	Structural: text
facility	L-IRRG-PIPE	421	Landscaping: Irrigation piping
facility	L-IRRG-CONT	422	Landscaping: Irrigation controls
facility	L-IRRG-SPKL	423	Landscaping: Irrigation sprinkler heads, bubblers
facility	L-IRRG-MISC	424	Landscaping: Irrigation SPARE
facility	L-IRRG-IDEN	425	Landscaping: Irrigation text
facility	L-PLNT-TURF	431	Landscaping: Planting - turf or grass
facility	L-PLNT-SHRB	432	Landscaping: Planting - shrubs
facility	L-PLNT-GCVR	433	Landscaping: Planting - ground cover
facility	L-PLNT-PLAY	434	Landscaping: Planting - recreation or play structures
facility	L-PLNT-MISC	435	Landscaping: Planting - SPARE
facility	L-PLNT-IDEN	436	Landscaping: Planting - text
facility	M-HVAC-DUCT	441	Mechanical: HVAC ductwork, inlets, outlet
facility	M-HVAC-EQPM	442	Mechanical: HVAC equipment
facility	M-PIPE-SPPT	443	Mechanical: pipe support
facility	M-PIPE-MAJR	444	Mechanical: major piping, valves
facility	M-PIPE-MINR	445	Mechanical: minor piping and valves
facility	M-PIPE-INST	446	Mechanical: instrument piping
facility	M-EQPM	447	Mechanical: misc equipment
facility	M-MISC	448	Mechanical: SPARE
facility	M-IDEN	449	Mechanical: text
facility	A-WALL	451	Architectural: non-structural walls, partitions
facility	A-DOOR	452	Architectural: doors, windows, sills
facility	A-ROOM-IDEN	453	Architectural: room numbers
facility	A-GLAZ	454	Architectural: glass or glazing
facility	A-FIXT	455	Architectural: toilets, sinks, bathroom and kitchen fixtures
facility	A-GRID	456	Architectural: floor grid
facility	A-MISC	457	Architectural: SPARE
facility	A-IDEN	458	Architectural: text
facility	A-CWRK-FLOR	461	Architectural: casework - low (touches ground)
facility	A-CWRK-HIGH	462	Architectural: casework - high (does not touch ground)
facility	A-CWRK-FULL	463	Architectural: casework - full height (floor to ceiling)
facility	A-FURN-FREE	464	Architectural: Furniture - freestanding
facility	A-FURN-FIXD	465	Architectural: Furniture - built in or fixed
facility	A-FURN-OPEN	466	Architectural: Furniture - open area files
facility	A-FURN-PART	467	Architectural: Furniture - workstation furniture
facility	A-FURN-PART-IDEN	468	Architectural: Furniture - workstation type (text)
facility	A-FURN-PART-SIZE	469	Architectural: Furniture - workstation size
facility	A-FURN-PANL	470	Architectural: Furniture - workstation panels or partitions
facility	A-FURN-MISC	471	Architectural: Furniture - SPARE for furniture
facility	A-FURN-IDEN	472	Architectural: Furniture - text
facility	A-OTLT-COMM	475	Architectural: telecom and data outlets with ID numbers
facility	A-OTLT-POWR	476	Architectural: power and signal outlets with ID numbers
facility	A-OTLT-MISC	477	Architectural: power, data, telecom SPARE
facility	A-OTLT-IDEN	478	Architectural: telecom, data, and power outlet text
facility	A-RCP-GRID	481	Architectural: reflected ceiling plan - grid
facility	A-RCP-DOOR	482	Architectural: reflected ceiling plan - door headers
facility	A-RCP-ITEM	483	Architectural: reflected ceiling plan - sprinklers, diffusers, etc
facility	A-RCP-MISC	484	Architectural: reflected ceiling plan - SPARE
facility	A-RCP-IDEN	485	Architectural: reflected ceiling plan - text
facility	E-CABL	490	Electrical: cable tray

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Category	Name	Number	Description
facility	E-COND	491	Electrical: conduit
facility	E-GRND	492	Electrical: ground wire
facility	E-WIRE	493	Electrical: outlets, switches, wiring, homerun
facility	E-PANL	494	Electrical: control panels, lighting panels
facility	E-LITE	495	Electrical: lighting fixtures
facility	E-EQPM	496	Electrical: misc equipment
facility	E-MISC	497	Electrical: SPARE
facility	E-IDEN	498	Electrical: text
plantspace	J-EXST-TAGS	501	P&ID: Tag text for existing element tags
plantspace	J-EXST-CHAN	502	P&ID: Multi-line graphics for existing channels, and All "non-intelligent" text for notes on existing elements
plantspace	J-EXST-EQPM	504	P&ID: Existing Equipment cells
plantspace	J-EXST-DRAN	505	P&ID: Existing Drain items: All piping components, lines, fittings associated with drain lines
plantspace	J-EXST-INST	506	P&ID: Existing Instrument identification symbols, Valves for exst instrument lines, Line connectors
plantspace	J-EXST-SECD	507	P&ID: Existing Secondary items: All piping components, lines, instrument flow symbols, fittings, etc.
plantspace	J-EXST-PRIM	508	P&ID: Existing Primary items: All piping components, lines, instrument flow symbols, fittings, etc.
plantspace	J-INST-SYMB	511	P&ID: Instrument identification symbols, Line connectors (single, double, and npid)
plantspace	J-INST-LINE	512	P&ID: Instrument custom lines, Instrument pipe types, Valves for instrument lines
plantspace	J-INST-PRIM	513	P&ID: Primary Instruments and Piping: All fittings, lines, instrument flow symbols, valves, etc.
plantspace	J-INST-SECD	514	P&ID: Secondary Instruments and Piping: fittings, lines, etc for secondary elements
plantspace	J-INST-DRAN	515	P&ID: Drain Instruments and Piping: All fittings, lines, valves, etc., for drain elements
plantspace	J-PIPE-LINE	521	P&ID: pipe line, service line, break line
plantspace	J-PIPE-CNTR	522	P&ID: Centerline for primary pipe channel lines
plantspace	J-PIPE-CHAN	523	P&ID: Pipe channel multi-line graphics
plantspace	J-TAGS	531	P&ID: All tag text
plantspace	J-EQPM	532	P&ID: Equipment symbols
plantspace	J-MISC	533	P&ID: Any graphics without intelligence
plantspace	J-SCHM-SCRN	541	P&ID Schematics: screened items
plantspace	J-SCHM-LINE	542	P&ID Schematics: pipes
plantspace	J-SCHM-SYMB	543	P&ID Schematics: symbols
plantspace	J-SCHM-IDEN	544	P&ID Schematics: text
facility	E-SCHM-SCRN	591	Electrical Schematics: screened items
facility	E-SCHM-LINE	592	Electrical Schematics: wires
facility	E-SCHM-SYMB	593	Electrical Schematic: symbols
facility	E-SCHM-IDEN	594	Electrical Schematics: text
civil-survey	C-ANNO-TEXT	1001	General: Notes and text for Civil or Survey
civil-survey	C-ANNO-DIMS	1002	General: Dimensions for Civil or Survey
civil-survey	C-CTRL-IDEN	1011	Controls: Text
civil-survey	C-CTRL-DATA	1012	Controls: Found Control (not calculated property)
civil-survey	C-CTRL-OTHR	1013	Controls: Other controls - separate from primary controls
civil-survey	C-CTRL-BMRK	1014	Controls: Benchmarks, Monuments
civil-survey	C-CTRL-LINE	1015	Controls: Survey baseline, Control lines
civil-survey	C-CTRL-TRAV	1016	Controls: Control Points - traverse
civil-survey	C-CTRL-VCPT	1017	Controls: Control Points - vertical
civil-survey	C-CTRL-HCPT	1018	Controls: Control Points - horizontal

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civil-survey	C-CTRL-HVPT	1019	Controls: Control Points - horizontal, vertical
civil-survey	C-CTRL-DATA-ALT1	1020	Controls: spare
civil-survey	C-ALGN-IDEN	1041	Alignment: Text
civil-survey	C-ALGN-DATA	1042	Alignment: data, coordinates, curve data
civil-survey	C-ALGN-LINE	1043	Alignment: Transit Line or Station Line
civil-survey	C-ALGN-STAT	1044	Alignment: Station Ticks
civil-survey	C-ALGN-STAT-IDEN	1045	Alignment: Station Text
civil-survey	C-ALGN-BCEC	1046	Alignment: BCEC marks
civil-survey	C-ALGN-OTHR	1047	Alignment: Spare
civil-survey	C-PROP-IDEN	1051	Property: Text
civil-survey	C-PROP-CALC	1052	Property: Calculated
civil-survey	C-PROP-CALC-IDEN	1053	Property: Calculated Property Text
civil-survey	C-PROP-LINE	1054	Property: Not calculated
civil-survey	C-PROP-RWAY	1055	Property: Right of Way
civil-survey	C-PROP-RWAY-ABND	1056	Property: Right of Way - abandoned
civil-survey	C-PROP-DIST	1057	Property: District Service Boundary
civil-survey	C-PROP-TRCT	1058	Property: Tract Lines
civil-survey	C-PROP-ESMT	1059	Property: Easement Lines
civil-survey	C-PROP-SBCK	1060	Property: Setback Lines
civil-survey	C-PROP-CONS	1061	Property: Construction Limit, Staging Area
civil-survey	C-PROP-SUBD	1062	Property: Subdivision Boundary
civil-survey	C-PROP-SECT	1063	Property: Section Boundary
civil-survey	C-PROP-CCTY	1064	Property: City or County Line
civil-survey	C-PROP-OTHR	1065	Property: Spare
civil-survey	C-GRAD-IDEN	1071	Profiles: Text
civil-survey	C-GRAD-EXST	1072	Profiles: Existing Grade Line
civil-survey	C-GRAD-FNSH	1073	Profiles: Finish Grade Line
civil-survey	C-GRAD-PATT	1074	Profiles: Patterning
civil-survey	C-TOPO-MAJR	1100	Topo: Contour - index
civil-survey	C-TOPO-MAJR-IDEN	1101	Topo: Contour - index labels
civil-survey	C-TOPO-MINR	1102	Topo: Contour - minor
civil-survey	C-TOPO-MINR-IDEN	1103	Topo: Contour - minor labels
civil-survey	C-TOPO-SPOT	1105	Topo: Spot Elevations
civil-survey	C-TOPO-SPOT-IDEN	1106	Topo: Spot Elevation Labels
civil-survey	C-TOPO-GSHT	1107	Topo: Ground Shot
civil-survey	C-TOPO-DEPR	1110	Topo: Depression Contours
civil-survey	C-TOPO-DTCH	1111	Topo: Ditches and Swales
civil-survey	C-TOPO-SHOR	1112	Topo: Shore line, edges of waterway
civil-survey	C-TOPO-SLOP-TOPT	1113	Topo: Cut and Fill (Top/Toe of slope)
civil-survey	C-TOPO-BKLN-BOTB	1114	Topo: Grade Break - TOE or bottom of bank
civil-survey	C-TOPO-BKLN-OTHR	1115	Topo: Grade Break - other
civil-survey	C-TOPO-BKLN-TOPB	1116	Topo: Grade Break - TOP of bank
civil-survey	C-TOPO-OTHR-ALT1	1120	Topo: Spare - alternate 1
civil-survey	C-TOPO-OTHR-ALT2	1121	Topo: Spare - alternate 2
civil-survey	C-TOPO-IDEN	1125	Topo: Text
civil-survey	C-TOPO-IDEN-ALT1	1126	Topo: Text - spare, alternate 1
civil-survey	C-TOPO-DTMP	1150	Topo: TIN or DTM Points
civil-survey	C-TOPO-DTMP-ALT1	1151	Topo: TIN or DTM Points - alternate 1
civil-survey	C-TOPO-DTMP-ALT2	1152	Topo: TIN or DTM Points - alternate 2
civil-survey	C-TOPO-DTMT	1153	Topo: TIN or DTM Triangles
civil-survey	C-TOPO-DTMT-ALT1	1154	Topo: TIN or DTM Triangles - alternate 1
civil-survey	C-TOPO-DTMT-ALT2	1155	Topo: TIN or DTM Triangles - alternate 2
civil-survey	C-ROAD-IDEN	1201	Site: Roadway - text
civil-survey	C-ROAD-EDGE	1202	Site: Roadway - edge of traveled way

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civil-survey	C-ROAD-UNPV	1203	Site: Roadway - unpaved
civil-survey	C-ROAD-PAVE	1204	Site: Roadway - pavement
civil-survey	C-ROAD-CURB	1205	Site: Roadway - flow line or face of curb
civil-survey	C-ROAD-CNTR	1206	Site: Roadway - crown or center
civil-survey	C-ROAD-CNTR-IDEN	1207	Site: Roadway - text for center or crown
civil-survey	C-ROAD-JOIN	1208	Site: Roadway - joints
civil-survey	C-ROAD-PATT	1209	Site: Roadway - patterns
civil-survey	C-ROAD-STRP	1211	Site: Roadway - pavement marking, striping
civil-survey	C-ROAD-SIGN	1212	Site: Roadway - signage
civil-survey	C-ROAD-HIWAY	1213	Site: Roadway - Highway or Freeway
civil-survey	C-ROAD-MISC	1215	Site: Roadway - SPARE
civil-survey	C-STRC-MAJR	1221	Site: Structures - major
civil-survey	C-STRC-MINR	1222	Site: Structures - minor
civil-survey	C-STRC-HDDN	1223	Site: Structures - hidden
civil-survey	C-STRC-OVHG	1224	Site: Structures - overhang
civil-survey	C-STRC-STRS	1225	Site: Structures - stairs and ramps
civil-survey	C-STRC-BRDG	1226	Site: Structures - bridges, piers, docks, breakwaters
civil-survey	C-STRC-METL	1227	Site: Structures - ladders, decking, misc metals
civil-survey	C-STRC-MISC	1228	Site: Structures - SPARE
civil-survey	C-STRC-IDEN	1229	Site: Structures - text
civil-survey	C-SITE-VEGE	1241	Site: Vegetation Trees and Shrubs
civil-survey	C-SITE-WATR	1242	Site: Water Features
civil-survey	C-SITE-TRCH-SPLS	1243	Site: Trench Spoils
civil-survey	C-SITE-EROS	1250	Site: Features - Erosion control, Rip Rap, Dikes
civil-survey	C-SITE-FENC	1251	Site: Features - Fences
civil-survey	C-SITE-WALK	1252	Site: Features - Paths, Sidewalks, Driveways
civil-survey	C-SITE-WALL	1253	Site: Features - Retaining walls, Barriers, Guard Rails
civil-survey	C-SITE-EQPM	1261	Site: Equipment
civil-survey	C-SITE-EQPM-ELEC	1262	Site: Equipment - Electrical
civil-survey	C-SITE-EQPM-MECH	1263	Site: Equipment - Mechanical
civil-survey	C-SITE-PADS	1264	Site: Features - miscellaneous pads
civil-survey	C-SITE-POLE	1265	Site: Features - poles
civil-survey	C-SITE-LITE	1266	Site: Features - Electroliers, Street Lights
civil-survey	C-SITE-TRAF	1271	Site: Traffic - Signals, Signal boxes Control loops
civil-survey	C-SITE-TRAF-IDEN	1272	Site: Traffic - text
civil-survey	C-SITE-MISC	1281	Site: Spare
civil-survey	C-SITE-MISC-ALT1	1282	Site: Spare - alternate 1
civil-survey	C-SITE-MISC-ALT2	1283	Site: Spare - alternate 2
civil-survey	C-SITE-IDEN	1285	Site: Text
civil-survey	C-SITE-IDEN-ALT1	1286	Site: Text - alternate 1
civil-survey	C-SITE-IDEN-ALT2	1287	Site: Text - alternate 2
civil-survey	C-DEMO-PHS2	1300	Demolition: Items to be demolished - Phase 2
civil-survey	C-DEMO-PHS1	1301	Demolition: Items to be demolished - Phase 1
civil-survey	C-DEMO-PHS3	1303	Demolition: Items to be demolished - Phase 3
civil-survey	C-DEMO-IDEN	1304	Demolition: Text
civil-survey	C-UNID	1321	Unidentified site objects
civil-survey	C-UNID-CABL	1322	Unidentified site objects: cable
civil-survey	C-UNID-PIPE	1323	Unidentified site objects: above-ground piping
civil-survey	C-UNID-TANK	1324	Unidentified site objects: storage tanks
civil-survey	C-UNID-UTIL	1325	Unidentified site objects: utility lines
civil-survey	C-UNID-UTIL-OVHD	1326	Unidentified site objects: utility lines: overhead
civil-survey	C-UNID-UTIL-UNDR	1327	Unidentified site objects: utility lines: underground
civil-survey	C-UNID-UTIL-ABND	1328	Unidentified site objects: utility lines: abandoned
civil-survey	C-UNID-IDEN	1329	Unidentified site objects: text

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Category	Name	Number	Description
civil-survey	C-DIST-PRZN	1401	District: Pressure Zone marking with text
civil-survey	C-DIST-MAIN-SNGL	1402	District: Distribution Water - single line pipe
civil-survey	C-DIST-MAIN-DBLL	1403	District: Distribution Water - double line pipe
civil-survey	C-DIST-MAIN-CASE	1404	District: Distribution Water - pipe casing
civil-survey	C-DIST-MAIN-FTTG	1405	District: Distribution Water - appurtenances (hydrants, valves, etc)
civil-survey	C-DIST-MAIN-STRC	1406	District: Distribution System - above ground
civil-survey	C-DIST-MAIN-IDEN	1407	District: Distribution System lines - text
civil-survey	C-DIST-RECY-MAIN	1411	District: Recycled Water - pipe
civil-survey	C-DIST-RECY-DBLL	1412	District: Recycled Water - double line pipe
civil-survey	C-DIST-RECY-FTTG	1413	District: Recycled Water - appurtenances
civil-survey	C-DIST-RECY-STRC	1414	District: Recycled Water - above ground
civil-survey	C-DIST-RECY-IDEN	1415	District: Recycled Water - text
civil-survey	C-DIST-RFS	1421	District: RFS pipe and appurtenances
civil-survey	C-DIST-RFS-IDEN	1422	District: RFS - text
civil-survey	C-DIST-RWTR-MAIN	1431	District: Raw Water - pipe and appurtenances
civil-survey	C-DIST-RWTR-STRC	1432	District: Raw Water - above ground
civil-survey	C-DIST-RWTR-IDEN	1433	District: Raw Water - text
civil-survey	C-DIST-MISC	1441	District: Spare
civil-survey	C-DIST-MISC-IDEN	1442	District: Spare - text
civil-survey	C-PROC-WWTR-UNDR	1501	Process: Wastewater Sludge Reclaim - below grade
civil-survey	C-PROC-WWTR-ABOV	1502	Process: Wastewater Sludge Reclaim - at or above grade
civil-survey	C-PROC-WWTR-IDEN	1503	Process: Wastewater Sludge Reclaim - text
civil-survey	C-PROC-WASH-UNDR	1505	Process: Washwater, Backwash - below grade
civil-survey	C-PROC-WASH-ABOV	1506	Process: Washwater, Backwash - at or above grade
civil-survey	C-PROC-WASH-IDEN	1507	Process: Washwater, Backwash - text
civil-survey	C-PROC-CHEM-UNDR	1511	Process: Chemical - below grade
civil-survey	C-PROC-CHEM-ABOV	1512	Process: Chemical - at or above grade
civil-survey	C-PROC-CHEM-IDEN	1513	Process: Chemical - text
civil-survey	C-PROC-OTHR-UNDR	1515	Process: Other - below grade
civil-survey	C-PROC-OTHR-ABOV	1516	Process: Other - at or above grade
civil-survey	C-PROC-OTHR-IDEN	1517	Process: Other - text
civil-survey	C-PROC-MISC	1518	Process: SPARE
civil-survey	C-UTIL-IDEN	1531	Utilities: Text - all non-District utilities
civil-survey	C-UTIL-STRC	1532	Utilities: Other - at or above grade
civil-survey	C-UTIL-UNDR	1533	Utilities: Other - below grade
civil-survey	C-UTIL-OVHD	1534	Utilities: Other - overhead
civil-survey	C-UTIL-PADS	1535	Utilities: Telephone and Electrical Pads
civil-survey	C-UTIL-POLE	1536	Utilities: Poles for Electrical and Telephone
civil-survey	C-UTIL-MISC	1537	Utilities: Spare - below grade
civil-survey	C-UTIL-MISC-STRC	1538	Utilities: Spare - at or above grade
civil-survey	C-UTIL-MISC-IDEN	1539	Utilities: Spare - text
civil-survey	C-UTIL-ABND	1541	Utilities: Abandoned - below grade
civil-survey	C-UTIL-ABND-STRC	1542	Utilities: Abandoned - at or above grade
civil-survey	C-UTIL-ABND-IDEN	1543	Utilities: Abandoned - text
civil-survey	C-UTIL-IDEN-ALT1	1551	Utilities: Text - Spare, alternate 1
civil-survey	C-UTIL-IDEN-ALT2	1552	Utilities: Text - Spare, alternate 2
civil-survey	C-WATR-IDEN	1601	Utilities: Service Water - text
civil-survey	C-WATR-STRC	1602	Utilities: Service Water - structures
civil-survey	C-WATR-MAIN	1603	Utilities: Service Water - pipe and appurtenances
civil-survey	C-WATR-ABND	1605	Utilities: Service Water - abandoned
civil-survey	C-WATR-NPOT	1606	Utilities: Non-potable Water
civil-survey	C-WATR-MISC	1607	Utilities: Service Water - SPARE
civil-survey	C-POWR-STRC	1612	Utilities: Electrical - structures

MicroStation V8 Level List for Facility, Pipeline, and Survey

Category	Name	Number	Description
civil-survey	C-POWR-UNDR	1613	Utilities: Electrical - below grade
civil-survey	C-POWR-OVHD	1614	Utilities: Electrical - overhead
civil-survey	C-POWR-ABND	1615	Utilities: Electrical - abandoned
civil-survey	C-POWR-MISC	1616	Utilities: Electrical - SPARE
civil-survey	C-JTCH-IDEN	1621	Utilities: Joint Trench - text
civil-survey	C-JTCH-STRC	1622	Utilities: Joint Trench - structures
civil-survey	C-JTCH-MAIN	1623	Utilities: Joint Trench - trench or piping
civil-survey	C-JTCH-ABND	1625	Utilities: Joint Trench - abandoned
civil-survey	C-JTCH-MISC	1626	Utilities: Joint Trench - SPARE
civil-survey	C-SSWR-IDEN	1631	Utilities: Sanitary Sewer - text
civil-survey	C-SSWR-STRC	1632	Utilities: Sanitary Sewer - at or above grade
civil-survey	C-SSWR-MAIN	1633	Utilities: Sanitary Sewer - below grade
civil-survey	C-SSWR-ABND	1635	Utilities: Sanitary Sewer - abandoned
civil-survey	C-SSWR-MISC	1636	Utilities: Sanitary Sewer - SPARE
civil-survey	C-STRM-IDEN	1641	Utilities: Storm Drain - text
civil-survey	C-STRM-STRC	1642	Utilities: Storm Drain - at or above grade
civil-survey	C-STRM-MAIN	1643	Utilities: Storm Drain - below grade
civil-survey	C-STRM-LAGN	1644	Utilities: Storm Drain - lagoon, pond, basin, watershed
civil-survey	C-STRM-ABND	1645	Utilities: Storm Drain - abandoned
civil-survey	C-STRM-SDRN	1646	Utilities: Storm Drain - sub drains with text
civil-survey	C-STRM-MISC	1647	Utilities: Storm Drain - SPARE
civil-survey	C-COMM-IDEN	1651	Utilities: Telephone, Cable TV - text
civil-survey	C-COMM-STRC	1652	Utilities: Telephone, Cable TV - structures
civil-survey	C-COMM-OVHD	1653	Utilities: Telephone, Cable TV - overhead
civil-survey	C-COMM-UNDR	1654	Utilities: Telephone, Cable TV - below grade
civil-survey	C-COMM-ABND	1655	Utilities: Telephone, Cable TV - abandoned
civil-survey	C-COMM-MISC	1656	Utilities: Telephone, Cable TV - SPARE
civil-survey	C-FUEL-IDEN	1661	Utilities: Fuel - text
civil-survey	C-FUEL-STRC	1662	Utilities: Fuel - structures
civil-survey	C-FUEL-MAIN	1663	Utilities: Fuel - piping
civil-survey	C-FUEL-ABND	1665	Utilities: Fuel - abandoned
civil-survey	C-FUEL-MISC	1666	Utilities: Fuel - SPARE
civil-survey	C-NGAS-IDEN	1671	Utilities: Gas - text
civil-survey	C-NGAS-STRC	1672	Utilities: Gas - structures
civil-survey	C-NGAS-MAIN	1673	Utilities: Gas - piping
civil-survey	C-NGAS-ABND	1675	Utilities: Gas - abandoned
civil-survey	C-NGAS-MISC	1676	Utilities: Gas - SPARE