

- LILY -

Layer Index and Entity Definition Library

Revised 10 December 2019

# Department

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| X | XX | X | X | XXX | $ | XXXXXXXXXXXXXXXXXXXXXX |
| Department | | | | | | |

Details:

* Must be 1 Character
* Field Type is Alpha

Description:

* Departmental or company source of layer information. This usually reflects the layer owner who is responsible for layer upkeep.

Possible Values:

|  |  |
| --- | --- |
| G | Infrastructure Services |
| O | Other (External) |
| S | Saskatoon Land |
| U | University |
| W | Water and Waste Water |

# Category

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| X | XX | X | X | XXX | $ | XXXXXXXXXXXXXXXXXXXXXX |
|  | Category | | | | | |

Details:

* Must be 2 Characters
* Field Type is Alpha

Description:

* Grouping of physical and non-physical entities

Possible Values:

|  |  |
| --- | --- |
| BD | Boundary |
| CH | Chemical (Dept W) |
| CE | City Electric |
| CO | City Communications |
| CP | Concept Plan Design (Dept S) |
| CW | Curbs and Walks |
| DE | Details |
| DH | Department of Highways |
| IN | Instrumentation (Dept W) |
| LT | Street Lighting |
| PL | Property Lines |
| PK | Parks |
| RR | Railway |
| SA | Saskatoon Land (Dept S) |
| SC | Schools |
| SE | SaskEnergy |
| SF | Street Furniture |
| SH | Sheet |
| SL | Streets and Lanes |
| SP | SaskPower |
| SS | Sanitary Sewer System |
| ST | Storm Sewer System |
| SU | Survey Data |
| SW | Solid Waste |
| TC | Traffic Control |
| TG | Topography |
| TL | SaskTEL |
| TR | Traffic Management |
| TV | Cable Television |
| WA | Water Distribution System |
| WS | Water Structures |
| WT | Water (Dept W) |
| ZD | Zoning Districts (Dept S) |

# Source

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| X | XX | X | X | XXX | $ | XXXXXXXXXXXXXXXXXXXXXX |
|  |  | Source | | | | |

Details:

* Must be 1 Character
* Field Type is Alpha

Description:

* Definition of how the layer was created which usually reflects the accuracy and reliability of the information. Layer entities are typically created in the active document or retrieved from another source.

Possible Values:

|  |  |
| --- | --- |
| A | Record (Asbuilt) Object |
| B | Record (Asbuilt) Text |
|  |  |
| D | Design Object |
| E | Design Text |
|  |  |
| G | Approx. Location Object |
| H | Approx. Location Text |
|  |  |
| K | Survey Data Point |
| L | Survey Data Line |

# Status

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| X | XX | X | X | XXX | $ | XXXXXXXXXXXXXXXXXXXXXX |
|  |  |  | Status | | | |

Details:

* Must be 1 Character
* Field Type is Numeric

Description:

* Drawing orientation and layer entity state to indicate whether the entity is in plan of profile view and exists or proposed, etc.

Possible Values:

|  |  |
| --- | --- |
| 1 | Plan View Existing |
| 2 | Profile View Existing |
|  |  |
| 3 | Plan View Proposed |
| 4 | Profile View Proposed |
|  |  |
| 5 | Plan View Abandoned |
| 6 | Profile View Abandoned |
|  |  |
| 7 | Plan View Removed |
| 8 | Profile View Removed |
|  |  |
| 9 | Plan View Retired |
| 0 | Profile View Retired |

# Entity Name

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| X | XX | X | X | XXX | $ | XXXXXXXXXXXXXXXXXXXXXX |
|  |  |  |  | Abbr. | | Long Form |

Abbreviation Details:

* Must be 3 Characters
* Must be unique for each Category list
* Underscores used if not 3 characters (e.g.: LO\_)

Long Form Details:

* Maximum of 22 Characters
* Underscores used between words if needed (e.g.: Line\_overhead)

Description:

* Detailed entity description using a 3 letter or number abbreviated code followed by a “$” sign followed by a full entity description up to 22 characters.

Possible Values (sorted by Category):

## BD – Boundary

|  |  |  |  |
| --- | --- | --- | --- |
| Category | Long Form | Abbr. | Description |
| BD | Health\_District | HDT |  |
| BD | City\_Limits | CL\_ |  |
| BD | RM-Outline | RMO |  |
| BD | SREDA | SRE |  |
| BD | NEIGHBOURHOOD | NBH |  |

## CE – City Electric

| Category | Long Form | Abbr. | Description |
| --- | --- | --- | --- |
| CE | Chamber | CHA |  |
| CE | Dimension | DIM |  |
| CE | Duct | DUC |  |
| CE | Guywire | GW\_ |  |
| CE | Line\_overhead | LO\_ |  |
| CE | Line\_underground | LU\_ |  |
| CE | Manhole | MH\_ |  |
| CE | Note | NOT |  |
| CE | Pedestal | PED |  |
| CE | Pole | POL |  |
| CE | Pole\_light | PL\_ |  |
| CE | Pole\_power | PP\_ |  |
| CE | Pole\_power\_light | PPL |  |
| CE | Switching\_cubicle | SWC |  |
| CE | Text | TXT |  |
| CE | Transformer | TRA |  |
| CE | Vault | VAU |  |

## CH – Chemical

| Category | Long Form | Abbr. | Description |
| --- | --- | --- | --- |
| CH | Chlorine | CHL |  |
| CH | Ferric\_Sulphate | FS\_ |  |
| CH | Lime | LM\_ |  |
| CH | Text | TXT |  |

## CP – Concept Plan Design

| Category | Long Form | Abbr. | Description |
| --- | --- | --- | --- |
| CP | Res\_low\_dens | RLD | Residential Low Density |
| CP | Res\_low\_dens\_carehome | RLC | Residential Low Density Care Home Site |
| CP | Res\_low\_dens\_multiunit | RLM | Residential Low Density Multi-Unit |
| CP | Res\_lmdmu\_str\_twnhouse | RLS | Residential Low/Medium Density Multi-Unit (street townhouse) |
| CP | Res\_lmdmu\_grp\_twnhouse | RLG | Residential Low/Medium Density Multi-Unit (group townhouse) |
| CP | Res\_med\_dens\_multiunit | RMM | Residential Medium Density Multi-Unit |
| CP | Res\_hgh\_dens\_multiunit | RHM | Residential High Density Multi-Unit |
| CP | Greenspc\_mun\_reserve | GMR | Greenspace Municipal Reserve |
| CP | Greenspc\_buffer\_strip | GBS | Greenspace Buffer Strip |
| CP | Greenspc\_swale | GSW | Greenspace Swale |
| CP | Greenspc\_pub\_reserve | GPR | Greenspace Public Reserve |
| CP | Util\_storm\_water\_prcl | USW | Utility Storm Water Parcel |
| CP | Util\_storm\_pond | USP | Utility Storm Pond |
| CP | Util\_wetland\_complex | UWC | Utility Wetland Complex |
| CP | Util\_potential\_row | UPR | Utility Potential Right of Way |
| CP | Mixeduse\_comm\_inst\_res | MCR | Mixed Use Commercial/Institutional/Residential |
| CP | Mixeduse\_comm\_inst | MCI | Mixed Use Commercial/Institutional |
| CP | Industrial\_light | INL | Industrial Light |
| CP | Industrial\_heavy | INH | Industrial Heavy |
| CP | Comm\_neighbourhood | CNB | Commercial Neighbourhood |
| CP | Comm\_district | CDI | Commercial District |
| CP | Comm\_arterial | CAR | Commercial Arterial |
| CP | Comm\_regional | CRE | Commercial Regional |
| CP | Feature\_pond | FEP | Feature Pond |
| CP | Institutional | INU | Institutional |
| CP | Potential\_school\_site | PSS | Potential School Site |
| CP | Concept\_plan\_boundary | CPB | Concept Plan Boundary |

## CW – Curbs and Walks

| Category | Long Form | Abbr. | Description |
| --- | --- | --- | --- |
| CW | Ammenity\_strip | AS\_ |  |
| CW | Bikeway | BKW |  |
| CW | Bridge\_pedestrian | BP\_ |  |
| CW | Curb\_barrier | CBA |  |
| CW | Curb\_crossing | CX\_ |  |
| CW | Curb\_dropped | CD\_ |  |
| CW | Curb\_eop | CPE |  |
| CW | Curb\_future | CF\_ |  |
| CW | Curb\_precast | CP\_ |  |
| CW | Curb\_private | CRP |  |
| CW | Curb\_roll | CR\_ |  |
| CW | Curb\_roll\_btm\_of | CRB |  |
| CW | Curb\_roll\_gutter | CRG |  |
| CW | Curb\_roll\_top\_of | CRT |  |
| CW | Curb\_temporary | CT\_ |  |
| CW | Curb\_vert | CV\_ |  |
| CW | Curb\_vert\_btm\_of | CVB |  |
| CW | Curb\_vert\_gutter | CVG |  |
| CW | Curb\_vert\_top\_of | CVT |  |
| CW | Dimension | DIM |  |
| CW | Grade\_450\_from\_gutter | 450 |  |
| CW | Gutter\_Lip | GLP |  |
| CW | Gutter\_Lip\_Reverse | GLR |  |
| CW | Jersey\_barrier | JB\_ |  |
| CW | Median\_slab | MS\_ |  |
| CW | Pavers | PVR |  |
| CW | Ramp\_pedestrian | RPD |  |
| CW | Splash\_apron | SPL |  |
| CW | Stationing | STA |  |
| CW | Swale | SWA |  |
| CW | Text | TXT |  |
| CW | Tunnel | TUN |  |
| CW | Walk\_back\_of | WB\_ |  |
| CW | Walk\_front\_of | WF\_ |  |
| CW | Walk\_park | WP\_ |  |
| CW | Walk\_private | PW\_ |  |
| CW | Walkway | WW\_ |  |

## DE – Details

| Category | Long Form | Abbr. | Description |
| --- | --- | --- | --- |
| DE | Asphalt | ASP |  |
| DE | Cast\_iron | CI\_ |  |
| DE | Chamber | CHA |  |
| DE | Concrete | CON |  |
| DE | Crushed\_rock | CR\_ |  |
| DE | Dimension | DIM |  |
| DE | Grass | GRS |  |
| DE | Gravel | GRA |  |
| DE | Grout | GRO |  |
| DE | Hatch\_light | HAL | Color 52 |
| DE | Hatch\_medium | HAM | Color 42 |
| DE | Insulation | INS |  |
| DE | Manhole | MH\_ |  |
| DE | Manhole\_cover | MHC |  |
| DE | Mulch | MUL |  |
| DE | Pipe | PI\_ |  |
| DE | Reinforcing\_bar | RB\_ |  |
| DE | Riprap | RIP |  |
| DE | Rung | RNG |  |
| DE | Sand | SAN |  |
| DE | Safety\_platform | SPL |  |
| DE | Soil | SOI |  |
| DE | Text | TXT |  |
| DE | Trench | TRN |  |
| DE | Turf | TRF |  |
| DE | Valve | VAL |  |
| DE | Valve\_box | VAB |  |
| DE | Wood | WOO |  |

## DH – Department of Highways

|  |  |  |  |
| --- | --- | --- | --- |
| Category | Long Form | Abbr. | Description |
| DH | Dimension | DIM |  |
| DH | Text | TXT |  |
| DH | Sign\_Symbol | SYM |  |

## IN – Instrumentation

| Category | Long Form | Abbr. | Description |
| --- | --- | --- | --- |
| IN | Cable | CBL |  |
| IN | Panel | PAN |  |
| IN | Text | TXT |  |

## LT – Street Lighting

| Category | Long Form | Abbr. | Description |
| --- | --- | --- | --- |
| LT | Light\_and\_traffic\_sign | LSI |  |
| LT | Light\_and\_traffic\_sgnl | LTS |  |
| LT | Light\_pedestrian | PED |  |
| LT | Light\_standard | LS\_ |  |
| LT | Line | LIN |  |
| LT | Text | TXT |  |

## PK – Parks

| Category | Long Form | Abbr. | Description |
| --- | --- | --- | --- |
| PK | Recreational\_facility | REC |  |
| PK | Symbol | SYM |  |
| PK | Text | TXT |  |

## PL - Property Lines

| Category | Long Form | Abbr. | Description |
| --- | --- | --- | --- |
| PL | Block\_no\_lane | BNL |  |
| PL | Block\_with\_lane | BWL |  |
| PL | Building\_Footprints | BF\_ |  |
| PL | City\_Limits | CL\_ |  |
| PL | Civic\_address | CA\_ |  |
| PL | Drainage\_arrow\_easement | DAE |  |
| PL | Drainage\_arrow\_lot | DAL |  |
| PL | Easement\_line | EL\_ |  |
| PL | Frontage\_line | FL\_ |  |
| PL | Lane\_line | LL\_ |  |
| PL | Legal\_block\_number | LBN |  |
| PL | Legal\_buffer\_number | LB\_ |  |
| PL | Legal\_COT\_number | LC\_ |  |
| PL | Legal\_dimensions | LD\_ |  |
| PL | Legal\_lot\_number | LLN |  |
| PL | Legal\_parcel\_number | LP\_ |  |
| PL | Legal\_park\_name | LPK |  |
| PL | Legal\_plan\_boundary | LPB |  |
| PL | Legal\_plan\_number | LPN |  |
| PL | Legal\_section\_number | LS\_ |  |
| PL | Legal\_street\_name | LSN |  |
| PL | Legal\_street\_name\_fut | LSF |  |
| PL | Legal\_Walkway\_number | LW\_ |  |
| PL | Lot\_line | LOT |  |
| PL | Neighbourhood\_Bndry | NBH |  |
| PL | Ownership | OWN |  |
| PL | Parcel | PAR |  |
| PL | Text | TXT |  |

## RR - Railway

| Category | Long Form | Abbr. | Description |
| --- | --- | --- | --- |
| RR | Dimension | DIM |  |
| RR | Light | LIG |  |
| RR | Railway | ARW | Simple Representation (Main Trunk Lines) |
| RR | Railway | BRW | Detailed Representation (Spur Lines) |
| RR | Signal\_box | SB\_ |  |
| RR | Spur\_line | SPU |  |
| RR | Switch | SWI |  |
| RR | Text | TXT |  |

## SA – Saskatoon Land

| Category | Long Form | Abbr. | Description |
| --- | --- | --- | --- |
| SA | Community\_garden | CMG |  |
| SA | Developable\_area\_bndry | DAB |  |
| SA | Dirt\_piles | DRT |  |
| SA | Dried\_creek\_bed\_engd | DCB |  |
| SA | Future\_development | FUD |  |
| SA | Garage\_location | GAL |  |
| SA | Garage\_setback | GAS |  |
| SA | House\_footprint | HOF |  |
| SA | House\_setback | HOS |  |
| SA | Historic\_site | HIS |  |
| SA | Landscape\_drng\_openspc | LDO |  |
| SA | Lot\_price | LOP |  |
| SA | Monuments\_found | MOF |  |
| SA | Neighbourhood\_boundary | NBH |  |
| SA | Number\_of\_lots | NOL |  |
| SA | Phasing | PHA |  |
| SA | Rock\_piles | RCK |  |
| SA | Site\_lines | STL |  |
| SA | Solar\_orientation | SOL |  |
| SA | Tender\_lots | TND |  |
| SA | Text | TXT |  |
| SA | Utility\_corridor | UTC |  |
| SA | Walkout\_basement | WOB |  |
| SA | Walking\_dist\_contour | WDC |  |

## SC - Schools

| Category | Long Form | Abbr. | Description |
| --- | --- | --- | --- |
| SC | School\_Boundary\_Public | PUB |  |
| SC | School\_Boundary\_Separate | SEP |  |
| SC | School\_Boundary\_Private | PRI |  |
| SC | Text | TXT |  |
| SC | University of Saskatchewan | UoS |  |

## SE - SaskEnergy

| Category | Long Form | Abbr. | Description |
| --- | --- | --- | --- |
| SE | Dimension | DIM |  |
| SE | Easement\_line | EL\_ |  |
| SE | Fittings | FTG | Misc fittings… saddles/tees/reducers |
| SE | Line | LIN |  |
| SE | Manhole | MH\_ |  |
| SE | Marker | MAR |  |
| SE | Text | TXT |  |
| SE | Valve | VAL |  |
| SE | Vent | VEN |  |

## SF - Street Furniture

| Category | Long Form | Abbr. | Description |
| --- | --- | --- | --- |
| SF | Annuals | ANN |  |
| SF | Bench | BEN |  |
| SF | Bike\_rack | BR\_ |  |
| SF | Bollard | BOL |  |
| SF | Building | BLD |  |
| SF | Bush | BUS |  |
| SF | Cell\_tower | CET |  |
| SF | Concrete\_pad | CP\_ |  |
| SF | Dimension | DIM |  |
| SF | Fence | FEN |  |
| SF | Fence\_Aluminum | FEA |  |
| SF | Fence\_Decorative | FED |  |
| SF | Fence\_Masonary | FEM |  |
| SF | Flagpole | FLP |  |
| SF | Flower\_pot | FP\_ |  |
| SF | Garbage\_receptacles | GR\_ |  |
| SF | Landmark | LMK |  |
| SF | Mail\_box | MB\_ |  |
| SF | Newspaper\_boxes | NB\_ |  |
| SF | Parking\_meter | PME |  |
| SF | Perennials | PER |  |
| SF | Planters | PLT |  |
| SF | Plaque | PLQ |  |
| SF | Pole | POL |  |
| SF | Poster\_board | PB\_ |  |
| SF | Propane\_tank | PRT |  |
| SF | Retaining\_wall | RW\_ |  |
| SF | Shrubs | SHR |  |
| SF | Sign | SGN |  |
| SF | Steps | STE |  |
| SF | Telephone\_booth | TLB |  |
| SF | Text | TXT |  |
| SF | Transit\_shelter | TS\_ |  |
| SF | Transit\_stop | TRS |  |
| SF | Transit\_terminal | TT\_ |  |
| SF | Tree | TRE |  |
| SF | Walk\_private | PW\_ |  |

## SH – Sheet

| Category | Long Form | Abbr. | Description |
| --- | --- | --- | --- |
| SH | Aerial\_photo | AER |  |
| SH | Border | BOR |  |
| SH | Chart | CHT |  |
| SH | Contour | CON |  |
| SH | Contract\_limit | CL\_ |  |
| SH | Date | DAT |  |
| SH | Description | DES |  |
| SH | Dimension | DIM |  |
| SH | Edge | EDG |  |
| SH | Elevation\_label | EN\_ |  |
| SH | Datum | DTM |  |
| SH | Grid\_lines | GL\_ |  |
| SH | Initials | INI |  |
| SH | Legend | LEG |  |
| SH | Logo | LOG |  |
| SH | Match\_line | ML\_ |  |
| SH | North\_arrow\_symbol | NAS |  |
| SH | Note | NOT |  |
| SH | Plan\_number | PN\_ |  |
| SH | Revision\_number | RN\_ |  |
| SH | Revision\_text | RTX |  |
| SH | Scale | SCA |  |
| SH | Sheet\_number | SHN |  |
| SH | Stamp | STP |  |
| SH | Stationing | STA |  |
| SH | Street\_name | SN\_ |  |
| SH | Text | TXT |  |
| SH | Title\_block | TB\_ |  |
| SH | Viewport | VPT |  |

## SL – Streets and Lanes

| Category | Long Form | Abbr. | Description |
| --- | --- | --- | --- |
| SL | Berm | BER |  |
| SL | Berm\_btm\_of | BB\_ |  |
| SL | Berm\_grade\_change | BGC |  |
| SL | Berm\_top\_of | BT\_ |  |
| SL | Bridge\_train\_x\_road | BTR |  |
| SL | Bridge\_train\_x\_water | BTW |  |
| SL | Bridge\_vehicle\_x\_road | BVR |  |
| SL | Bridge\_vehicle\_x\_water | BVW |  |
| SL | Bus\_Bay | ABB |  |
| SL | Cut\_asphalt | CA\_ |  |
| SL | Detail\_grade | DG\_ |  |
| SL | Dimension | DIM |  |
| SL | Dimension\_geometric | GD\_ |  |
| SL | Drainage\_arrow | DA\_ |  |
| SL | Driveway | DRI |  |
| SL | Elevation\_label | EN\_ |  |
| SL | Excavation\_Limits | EXL |  |
| SL | Expressway | AE\_ |  |
| SL | Final\_grade | FG\_ |  |
| SL | Fwy\_cont\_access | AF\_ |  |
| SL | Geo\_grid\_tensar | GG\_ |  |
| SL | Guard\_rail | GUR |  |
| SL | Gutter\_extension | GEX |  |
| SL | Lane | ALN |  |
| SL | Left\_Turn\_Lane | ALT |  |
| SL | Legend | LEG |  |
| SL | Local | AL\_ |  |
| SL | Local\_rural | ALR |  |
| SL | Major\_art\_c\_access | AKA |  |
| SL | Major\_art\_w\_access | AKW |  |
| SL | Major\_collector | AKC |  |
| SL | Minor\_art\_w\_access | AMW |  |
| SL | Minor\_collector | AMC |  |
| SL | Path\_bike | PB\_ |  |
| SL | Path\_pedestrian | PPD |  |
| SL | Pavement | PAV |  |
| SL | Pavement\_edge | PAE |  |
| SL | PM\_Bike\_Lane\_Solid | PBS |  |
| SL | PM\_Bike\_Lane\_Dashed | PBD |  |
| SL | PM\_Bus\_Bay | PBB |  |
| SL | PM\_Centre\_Line\_Solid | PCS |  |
| SL | PM\_Centre\_Line\_Dashed | PCD |  |
| SL | PM\_Continuity\_Line | PCL |  |
| SL | PM\_Crosswalk | PCW |  |
| SL | PM\_Edge\_Line | PEL |  |
| SL | PM\_Elephant\_Feet | PEF |  |
| SL | PM\_Gore | PG\_ |  |
| SL | PM\_Guiding\_Line | PGL |  |
| SL | PM\_Lane\_Line\_Dashed | PLD |  |
| SL | PM\_Lane\_Line\_Solid | PLS |  |
| SL | PM\_Parking\_Stall | PPS |  |
| SL | PM\_Reversible\_Lane | PRL |  |
| SL | PM\_Yield\_Line | PYL |  |
| SL | PM\_Stopbar | PSB |  |
| SL | PM\_Turn\_Bay | PTB |  |
| SL | PM\_Island | PIL |  |
| SL | PM\_Symbol | PSY |  |
| SL | Ramp | ARP |  |
| SL | Retaining\_wall | RW\_ |  |
| SL | Right\_Turn\_Lane | ART |  |
| SL | Road\_gravel\_edge | RGE |  |
| SL | Road\_pavement\_edge | RPE |  |
| SL | Road\_private | RPV |  |
| SL | Service\_Road | ASR |  |
| SL | Sound\_atten\_wall | SAW |  |
| SL | Swale | SWA |  |
| SL | Text | TXT |  |
| SL | Undeveloped\_lane | AUL |  |
| SL | Undeveloped\_street | AUS |  |
| SL | Undeveloped\_walkway | AUW |  |
| SL | Walkway | AWK |  |

## SP - SaskPower

| Category | Long Form | Abbr. | Description |
| --- | --- | --- | --- |
| SP | Chamber | CHA |  |
| SP | Dimension | DIM |  |
| SP | Duct | DUC |  |
| SP | Easement\_line | EL\_ |  |
| SP | Guywire | GW\_ |  |
| SP | Line\_overhead | LO\_ |  |
| SP | Line\_underground | LU\_ |  |
| SP | Manhole | MH\_ |  |
| SP | Pedestal | PED |  |
| SP | Pole | POL |  |
| SP | Pole\_light | PL\_ |  |
| SP | Pole\_power | PP\_ |  |
| SP | Pole\_power\_light | PPL |  |
| SP | Text | TXT |  |
| SP | Transformer | TRA |  |
| SP | Vault | VAU |  |

## SS – Sanitary Sewer System

| Category | Long Form | Abbr. | Description |
| --- | --- | --- | --- |
| SS | Access\_shaft\_cover | ASC |  |
| SS | Air\_release\_vent | ARV |  |
| SS | Bypass\_Chamber | BCH |  |
| SS | Bypass\_Elbow | BEL |  |
| SS | Bypass\_Flow\_Arrow | BFA |  |
| SS | Bypass\_Main | BMA |  |
| SS | Bypass\_Manhole | BMH |  |
| SS | Bypass\_Valve | BVA |  |
| SS | Bypass\_Valve\_Norm\_Off | BVN |  |
| SS | Catchment\_Area | CAT |  |
| SS | Catchment\_Collector\_Ls | CLC |  |
| SS | Catchment\_Intrcptr\_Ls | CLI |  |
| SS | Catchment\_Local\_Ls | CLL |  |
| SS | Catchment\_Major\_Ls | CLM |  |
| SS | Chamber | CHA |  |
| SS | Clean\_Out | CO\_ |  |
| SS | Combined\_manhole | MC\_ |  |
| SS | Control\_Structure\_Chb | CSC |  |
| SS | Control\_Structure\_Mh | CSM |  |
| SS | Curve\_data | CD\_ |  |
| SS | Dimension | DIM |  |
| SS | Drop\_Pipe | DRP |  |
| SS | Elbow | ELB |  |
| SS | Encasement | ENC |  |
| SS | Expansion\_Joint | EXP |  |
| SS | Flange\_connection | FLC |  |
| SS | Flow\_arrow | FA\_ |  |
| SS | Force\_access\_shaft\_cvr | FAS |  |
| SS | Force\_chamber | FCH |  |
| SS | Force\_cross | FCR |  |
| SS | Force\_discharge\_mh | FDM |  |
| SS | Force\_elbow | FEL |  |
| SS | Force\_flow\_arrow | FFA |  |
| SS | Force\_inspection\_mh | FIM |  |
| SS | Force\_invert | FIN |  |
| SS | Force\_lift\_station | FLS |  |
| SS | Force\_main | FMA |  |
| SS | Force\_outlet | FOL |  |
| SS | Force\_plug | FPL |  |
| SS | Force\_reducer | FRE |  |
| SS | Force\_saddle | FSA |  |
| SS | Force\_tee | FTE |  |
| SS | Force\_terminator | FTR |  |
| SS | Force\_valve | FVA |  |
| SS | Insulation | INS |  |
| SS | Invert | INV |  |
| SS | Lift\_station | LST |  |
| SS | Location\_unknown | LUN |  |
| SS | Main | MAI |  |
| SS | Manhole | MH\_ |  |
| SS | Obstruction | OBS |  |
| SS | Outfall | OUT |  |
| SS | Phantom\_Encasement | PHE |  |
| SS | Phantom\_Insulation | PHI |  |
| SS | Phantom\_Storm\_MH | PHT |  |
| SS | Phantom\_Storm\_Saddle | PHA |  |
| SS | Plug | PLU |  |
| SS | Reducer | RED |  |
| SS | Riser | RIS |  |
| SS | Saddle | SAD |  |
| SS | Service\_connection | SC\_ |  |
| SS | Sub\_Catchment\_Area | SCA |  |
| SS | Sub\_Catchment\_Centroid | SCC |  |
| SS | Tapping | TAP |  |
| SS | Tee | TEE |  |
| SS | Terminator | TER |  |
| SS | Valve | VAL |  |
| SS | Wet\_Well | WW\_ |  |

## ST – Storm Sewer System

| Category | Long Form | Abbr. | Description |
| --- | --- | --- | --- |
| ST | Access\_shaft\_cover | ASC |  |
| ST | Bypass\_Main | BMA |  |
| ST | Bypass\_Valve | BVA |  |
| ST | Bypass\_Valve\_Norm\_Off | BVN |  |
| ST | Catch\_basin | CB\_ |  |
| ST | Catch\_basin\_lead | CBL |  |
| ST | Catch\_basin\_manhole | CBM |  |
| ST | Catchment\_Area | CAT |  |
| ST | Catchment\_Ls | CLS |  |
| ST | Chamber | CHA |  |
| ST | Clean\_out | CO\_ |  |
| ST | Combined\_manhole | MC\_ |  |
| ST | Control\_Structure\_Chb | CSC |  |
| ST | Control\_Structure\_Mh | CSM |  |
| ST | Culvert | CUL |  |
| ST | Curve\_data | CD\_ |  |
| ST | Dimension | DIM |  |
| ST | Diverter\_manhole | MHD |  |
| ST | Drop\_Pipe | DRP |  |
| ST | Elbow | ELB |  |
| ST | Encasement | ENC |  |
| ST | End\_Of\_Culvert | EOC |  |
| ST | End\_Of\_Pipe | EOP |  |
| ST | Flow\_arrow | FA\_ |  |
| ST | Force\_discharge\_mh | FDM |  |
| ST | Force\_elbow | FEL |  |
| ST | Force\_flow\_arrow | FFA |  |
| ST | Force\_invert | FIN |  |
| ST | Force\_lift\_station | FLS |  |
| ST | Force\_main | FMA |  |
| ST | Force\_outlet | FOL |  |
| ST | Force\_reducer | FRE |  |
| ST | Force\_terminator | FTR |  |
| ST | Force\_valve | FVA |  |
| ST | Inlet | IL\_ |  |
| ST | Insulation | INS |  |
| ST | Invert | INV |  |
| ST | Lift\_station | LST |  |
| ST | Location\_unknown | LUN |  |
| ST | Main | MAI |  |
| ST | Manhole | MH\_ |  |
| ST | Obstruction | OBS |  |
| ST | Outfall | OUT |  |
| ST | Outlet | OL\_ |  |
| ST | Phantom\_Encasement | PHE |  |
| ST | Phantom\_Insulation | PHI |  |
| ST | Phantom\_Sanitary\_MH | PHM |  |
| ST | Phantom\_Sanitary\_Tap | PHT |  |
| ST | Phantom\_Sub\_Drainage | PHS |  |
| ST | Phantom\_Water\_Node | PHW |  |
| ST | Plug | PLU |  |
| ST | Pump\_station | PST |  |
| ST | Rain\_Gauge | GAR |  |
| ST | Reducer | RED |  |
| ST | Riser | RIS |  |
| ST | Saddle | SAD |  |
| ST | Service\_connection | SC\_ |  |
| ST | Standing\_water | STW |  |
| ST | Sub\_Catchment\_Area | SCA |  |
| ST | Sub\_Catchment\_Centroid | SCC |  |
| ST | Sub\_drainage\_flow\_arrow | SFA |  |
| ST | Sub\_drainage\_main | SDM |  |
| ST | Sub\_drainage\_well | SDW |  |
| ST | Sump\_chamber | SCH |  |
| ST | Tapping | TAP |  |
| ST | Tee | TEE |  |
| ST | Terminator | TER |  |
| ST | Valve | VAL |  |
| ST | Valve\_check | VCE |  |
| ST | Weeping\_tile | WT\_ |  |

## SU – Survey Data

| Category | Long Form | Abbr. | Survey Codes |
| --- | --- | --- | --- |
| SU | Grade\_450\_from\_gutter | 450 | 450 |
| SU | Asphalt | ASP | ASP |
| SU | Building | BLD | BLD or BLDG |
| SU | Bush | BUS | BUSH |
| SU | Benchmark | BM\_ | BM |
| SU | Bottom\_of\_curb | BOC | BOC |
| SU | Bollard | BOL | BOL |
| SU | Back\_of\_walk | BOW | BOW |
| SU | Catch\_basin | CB\_ | CB |
| SU | Centerline | CL\_ | CL |
| SU | Concrete | CON | CONC |
| SU | Control\_point | CP\_ | CP |
| SU | Culvert | CUL | CUL\_INV |
| SU | Ditch | DIT | DIT |
| SU | Driveway | DRI | DWY |
| SU | Edge\_of\_asphalt | EOA | EOA |
| SU | Electrical\_cable\_UG | UCE | UCE |
| SU | Fence | FEN | FCE |
| SU | Found\_iron\_pin | FIP | FIP |
| SU | Front\_of\_walk | FOW | FOW |
| SU | Gutter\_extension | GEX | GUTX or GUTTER |
| SU | Ground | GRD | GRD |
| SU | Guywire | GW\_ | GW |
| SU | Hydrant | HYD | HYD |
| SU | Irrigation\_control\_box | ICB | IRRBOX |
| SU | Iron\_pin | IP\_ | IP |
| SU | Lip | LIP | LIP |
| SU | Lane\_line | LL\_ | LL |
| SU | Lot\_angles | LOA |  |
| SU | Manhole | MH\_ | MH |
| SU | Parcel\_size | PAS |  |
| SU | Pole | POL | POLE or PM or PW or PP |
| SU | Property\_Line | PL\_ | PL |
| SU | Railroad\_track | RR\_ | RR |
| SU | Road\_angles | ROA |  |
| SU | Shoulder | SHO | SHO |
| SU | Sign | SGN | SGN |
| SU | Survey\_boundary | SUB |  |
| SU | Top\_of\_curb | TOC | TOC |
| SU | Traffic\_control\_box | TCB | TCB |
| SU | Tree | TRE | TREE |
| SU | Valve | VAL | VAL |
| SU | White\_line | WL\_ | WL |
| SU | Curb\_crossing | XNG | XNG or XING |
| SU | Yellow\_line | YL\_ | YL |

## SW - Solid Waste

| Category | Long Form | Abbr. | Description |
| --- | --- | --- | --- |
| SW | Container | CON |  |
| SW | Dimension | DIM |  |
| SW | Route\_truck | RT\_ |  |
| SW | Text | TXT |  |

## TG - Topography

| Category | Long Form | Abbr. | Description |
| --- | --- | --- | --- |
| TG | Bench\_mark\_geodetic | BMG |  |
| TG | Bench\_mark\_temporary | BMT |  |
| TG | Contour\_line | CL\_ |  |
| TG | Contour\_line\_elev | CLE |  |
| TG | Dimension | DIM |  |
| TG | Drainage\_arrow\_pregrade | PDA |  |
| TG | Hub | HUB |  |
| TG | Natural\_ground | NG\_ |  |
| TG | Piezometer | PIE |  |
| TG | River | RIV |  |
| TG | Spot\_elevation | SP\_ |  |
| TG | Testhole | TES |  |
| TG | Text | TXT |  |

## TL - SaskTEL

|  |  |  |  |
| --- | --- | --- | --- |
| Category | Long Form | Abbr. | Description |
| TL | Chamber | CHA |  |
| TL | Dimension | DIM |  |
| TL | Duct | DUC |  |
| TL | Easement\_line | EL\_ |  |
| TL | Line | LIN |  |
| TL | Manhole | MH\_ |  |
| TL | Pedestal | PED |  |
| TL | Pole | POL |  |
| TL | Telephone\_booth | TLB |  |
| TL | Text | TXT |  |

## TR – Traffic Management

| Category | Long Form | Abbr. | Description |
| --- | --- | --- | --- |
| TR | Dimension | DIM |  |
| TR | Guide\_sign\_grndmnt | GSG |  |
| TR | Guide\_sign\_oh | GSO |  |
| TR | Note | NOT |  |
| TR | Pole | POL |  |
| TR | Sign | SGN |  |
| TR | Text | TXT |  |
| TR | Traf\_sgnl\_accessory | TSA |  |
| TR | Traf\_sgnl\_cabinet | TSC |  |
| TR | Traf\_sgnl\_hrdwr | TSH |  |
| TR | Traf\_sgnl\_ju2 | JU2 |  |
| TR | Traf\_sgnl\_juncbox | TSJ |  |
| TR | Traf\_sgnl\_line\_oh | TSO |  |
| TR | Traf\_sgnl\_line\_oh\_comm | TSC |  |
| TR | Traf\_sgnl\_line\_oh\_prempt | TSP |  |
| TR | Traf\_sgnl\_line\_ug | TSU |  |
| TR | Traf\_sgnl\_line\_ug\_comm | TUC |  |
| TR | Traf\_sgnl\_line\_ug\_prempt | TUP |  |
| TR | Traf\_sgnl\_loop\_detector | TSL |  |
| TR | Traf\_sgnl\_oh\_detector | TOD |  |
| TR | Traf\_sgnl\_pole | TPO |  |
| TR | Traf\_sgnl\_srvc\_pedestal | TVP |  |

## TV – Cable Television

| Category | Long Form | Abbr. | Description |
| --- | --- | --- | --- |
| TV | Dimension | DIM |  |
| TV | Joint\_Easement | EAJ |  |
| TV | Line | LIN |  |
| TV | Text | TXT |  |

## WT – Water

|  |  |  |  |
| --- | --- | --- | --- |
| Category | Long Form | Abbr. | Description |
| WT | Back\_Wash | BWW |  |
| WT | Drain | DR\_ |  |
| WT | Manhole | MH\_ |  |
| WT | Raw\_Water | RWA |  |
| WT | Text | TXT |  |
| WT | Treated\_Water | TWA |  |
| WT | Valve | VAL |  |

## WA – Water Distribution System

| Category | Long Form | Abbr. | Description |
| --- | --- | --- | --- |
| WA | Access\_shaft\_cover | ASC | A manhole cover used to access some part of the Water System. Water main is not broken at this spot. Not part of the network. |
| WA | Air\_Relese\_Conn | ARC | Where an Air Release Line connects to Water Main. Water Main is not broken at this spot. Not part of the network. |
| WA | Air\_Release\_Line | ARL | Line connecting an Air Release Connection to an Air Release Vent. Not part of the network. |
| WA | Air\_Release\_Vent | ARV | A node used to release air out of a Primary Water Main. Usually at a high point of the system. It connects to an Air Release Line. Not part of the network. |
| WA | Catchment\_Area | CAT |  |
| WA | Cath\_Prot\_Anode | CPA | Cathotic Protection Anode Bed. Connected by Cathotic Protection Cable. Not part of the network. |
| WA | Cath\_Prot\_Cable | CPC | A line connecting all Cathotic Protection Nodes. Not part of the network. |
| WA | Cath\_Prot\_Conn | CPW | Where Cathotic Protection Cable attaches to Water Main. Water Main is not broken at this spot. Not part of the network. |
| WA | Cath\_Prot\_Rectf | CPR |  |
| WA | Cath\_Test\_Station | CPT |  |
| WA | Cross | CRO | A node connecting 4 Water Mains at one spot. |
| WA | Curb\_stop | CS\_ | A valve on a Water Main that has less then a 4” diameter. Can also be found on Air Release Assembly’s and Flush Assembly’s. Only Curb Stop’s on Water Main’s are part of the network. |
| WA | Curve\_data | CD\_ |  |
| WA | Data\_Collection | DCP | Point to Measure Flow/Pressure of System. Not part of the network. |
| WA | Dimension | DIM |  |
| WA | Elbow | ELB | A node connecting 2 Water Mains at one spot. Can be of various angles but mainly 11.25°, 22.5°, 45°, and 90°. |
| WA | Encasement | ENC | A separate sleeve installed around a Water Main. Usually used to protect the water main under Railway crossings. Not part of the network. |
| WA | Fill\_Main | FIM |  |
| WA | Flush | FLU |  |
| WA | Flush\_Main | FLM | 50mm Line connecting main to Flush |
| WA | Hose\_bib | BIB | Parks Hose Bib….. Used to connect boulevard irrigation to water main. |
| WA | Hyd | HYD |  |
| WA | Hyd\_flange\_elevation | HFE |  |
| WA | Hyd\_lead | HL\_ | A line connecting a Water Main to a Hydrant. Usually connected to the Water Main by a tee or cross. |
| WA | Insulation | INS | A separate insulated sleeve installed around a Water Main. Not part of the network. |
| WA | Interconnection | INT |  |
| WA | Invert | INV |  |
| WA | Irrigation\_control\_box | ICB |  |
| WA | Irrigation\_line | IRL |  |
| WA | Irrigation\_sleeve | IRS |  |
| WA | Location\_unknown | LUN |  |
| WA | Main | MAI | A line used to distribute water between the source and destination. |
| WA | Main\_stop | MS\_ |  |
| WA | Manhole | MH\_ |  |
| WA | Meter\_pit | MP\_ |  |
| WA | Plug | PLU |  |
| WA | Pressure\_Gauge | PGA |  |
| WA | Public\_reservoir | REP |  |
| WA | Raw\_Main | RAW |  |
| WA | Reducer | RED |  |
| WA | Reservoir | RES |  |
| WA | Service\_connection | SC\_ |  |
| WA | Sprinkler\_head | SPH |  |
| WA | Tee | TEE |  |
| WA | Water\_circulator | WC\_ |  |
| WA | Terminator | TER |  |
| WA | Union | UN\_ |  |
| WA | Valve | VAL | A Valve on a Water Main that is normally open to allow water to flow freely through. They are used to temporarily stop water flow to areas being worked on. |
| WA | Valve\_chamber | VCA |  |
| WA | Valve\_check | VCE | A Valve on a Water Main that water can flow through in only one direction. Water flows from in the direction of the arrow. |
| WA | Valve\_normally\_off | VNO | A Valve on a Water Main that is normally closed to NOT allow water through. |
| WA | Valve\_Pres\_Red | PRV | A Valve on a Water Main that regulates the pressure of the water going through. |
| WA | Warm\_Main | WRM |  |

## WS – Water Structures

| Category | Long Form | Abbr. | Description |
| --- | --- | --- | --- |
| WS | Dam | DAM |  |
| WS | Dimension | DIM |  |
| WS | Ditch\_btm\_of | DB\_ |  |
| WS | Ditch\_centerline | DC\_ |  |
| WS | Ditch\_top\_of | DT\_ |  |
| WS | Feature\_pond | WS |  |
| WS | Reservoir | RES |  |
| WS | Text | TXT |  |
| WS | Weir | WEI |  |
| WS | Wetland\_complex | WEC |  |

## ZD – Zoning districts

|  |  |  |  |
| --- | --- | --- | --- |
| Category | Long Form | Abbr. | Description |
| ZD | Zoning\_R1 | R1\_ |  |
| ZD | Zoning\_R1A | R1A |  |
| ZD | Zoning\_R1B | R1B |  |
| ZD | Zoning\_R2 | R2\_ |  |
| ZD | Zoning\_R2A | R2A |  |
| ZD | Zoning\_RA1 | RA1 |  |
| ZD | Zoning\_RMHC | RMC |  |
| ZD | Zoning\_RMHL | RML |  |
| ZD | Zoning\_RMTN | RMT |  |
| ZD | Zoning\_RM1 | RM1 |  |
| ZD | Zoning\_RM2 | RM2 |  |
| ZD | Zoning\_RM3 | RM3 |  |
| ZD | Zoning\_RM4 | RM4 |  |
| ZD | Zoning\_RM5 | RM5 |  |
| ZD | Zoning\_M1 | M1\_ |  |
| ZD | Zoning\_M2 | M2\_ |  |
| ZD | Zoning\_M3 | M3\_ |  |
| ZD | Zoning\_M4 | M4\_ |  |
| ZD | Zoning\_MX1 | MX1 |  |
| ZD | Zoning\_B1A | B1A |  |
| ZD | Zoning\_B1B | B1B |  |
| ZD | Zoning\_B1 | B1\_ |  |
| ZD | Zoning\_B2 | B2\_ |  |
| ZD | Zoning\_B3 | B3\_ |  |
| ZD | Zoning\_B4 | B4\_ |  |
| ZD | Zoning\_B4A | B4A |  |
| ZD | Zoning\_B5 | B5\_ |  |
| ZD | Zoning\_B6 | B6\_ |  |
| ZD | Zoning\_IB | IB\_ |  |
| ZD | Zoning\_IH | IH\_ |  |
| ZD | Zoning\_IH2 | IH2 |  |
| ZD | Zoning\_IL1 | IL1 |  |
| ZD | Zoning\_IL2 | IL2 |  |
| ZD | Zoning\_IL3 | IL3 |  |
| ZD | Zoning\_AC | AC\_ |  |
| ZD | Zoning\_AG | AG\_ |  |
| ZD | Zoning\_AM | AM\_ |  |
| ZD | Zoning\_APD | APD |  |
| ZD | Zoning\_FP | FP\_ |  |
| ZD | Zoning\_FUD | FUD |  |
| ZD | Zoning\_PUD | PUD |  |
| ZD | Zoning\_PDD | PDD |  |
| ZD | Zoning\_DCD1 | DC1 |  |
| ZD | Zoning\_DCD2 | DC2 |  |
| ZD | Zoning\_DCD3 | DC3 |  |
| ZD | Zoning\_DCD4 | DC4 |  |
| ZD | Zoning\_DCD5 | DC5 |  |
| ZD | Zoning\_DCD6 | DC6 |  |