

2019 City of Swift Current Development Standards and Construction Specifications Revisions

General	
	Fixed general grammar, spelling, and clarity.
	Updated references to external standards (ASTM, CSA, etc.).

Design Standards	
<i>Part A2 – Water Distribution System</i>	
4.2.2	Revised minimum diameter of watermains in residential areas.
4.3.1	Added note on hydrant spacing to be in accordance with the latest edition of <i>Water Supply for Public Fire Protection</i> , with preferred maximum spacing given.
4.4.3	Revised number of valves required at tee and cross.
4.4.7	Revised valve casing material from cast iron to PVC.
4.7.6	Removed option for bronze service clamps.
4.7.7/8	Moved sanitary requirements to Part A3 – Sanitary Sewerage System.
4.7.14	Revised location of curb stops.
5	Removed Standard Drawings A-102, A-106, and A-107.
<i>Part A3 – Sanitary Sewerage System</i>	
4.1.5	Revised Average Sewage Flow to 380 lpcd.
4.6.4	Sanitary requirement moved from Part A2 – Water Distribution System.
<i>Part A4 – Storm Drainage System</i>	
4.1	Revised capacity analysis for clarity.
4.1.7	Revised values for 50-year return period in Table 4.1.
4.3.4	Added requirement for drop structure in storm manholes.
4.4.8	Revised length of paving required around catch basins in lanes.
4.4.9	Changed “high side of corner grade” to “low side.”
5	Added Drawing B-110 Outfall Structure.
<i>Part A5 - Streets</i>	
Table 4.2	Values revised to meet TAC requirements.
4.7.1	Revised max width of residential driveways.
4.14	Added section for Vehicle Tracking Software.
4.17	Added section for Noise Attenuation.
5	Added Drawing D-960 Street Sign Standard Placement.
5	Added Drawing D-1001 AUToturn Design Vehicle.

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Construction Specifications	
<i>03001 Aggregates General</i>	
2.2.5	Added “or an alternate as approved by the City” to bedding sand gradation specification.
<i>03060 Geotextile and Rolled Erosion Control Devices</i>	
1.2	Updated and expanded on definitions.
1.4	Expanded requirements of Manufacturer’s Certificate.
2.1	Revised MARV specifications and added ASTM Test Methods.
3.1.2	Revised geotextile overlap requirements.
<i>04015 Asphalt Concrete</i>	
2.3.4	Revised Voids in Mineral Aggregate to 14-16%.
<i>06010 Concrete Sidewalk, Curb, and Gutter</i>	
3.11.1	Added CSA Pressure Method as acceptable air content determination method.
<i>08000 Trenching and Backfilling</i>	
1.3.2	Revised frequency of density tests to one per 100 lineal meters of trench for each 0.3 meters of depth.
2.5	Added section on trenchless installation.
<i>08001 Water Mains</i>	
2.1	Revised to allow both PVC and HDPE products.
	Added requirement for HDPE pipe joints to be butt-fused or electrofused.
	Removed requirement for water pipes to be blue in color.
2.2	Added requirement for flexible couplers on discharge lines from buildings.
2.3	Revised gate valve type/material requirements.
<i>08003 Lot Service Connections</i>	
2.1	Revised pipe/fitting material requirements.
3.1	Revised water service material requirements.
<i>08010 Storm Sewer Mains</i>	
2.5	Removed sump requirement for catch basins.
<i>13400 Topsoil and Seeding</i>	
2.3	Revised grass seed specifications.
<i>01353 Traffic Accommodation</i>	
	Created specification.

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Standard Drawings	
A-101	Revised drawing.
A-102	Removed drawing
A-106	Removed drawing.
A-107	Removed drawing.
B-104	Reduced sump to 0mm or minimal sump.
B-105	Reduced sump to 0mm or minimal sump.
B-110	Created outfall structure drawing.
C-101A	Revised lot service locations.
C-102	Removed option for wood block beneath curb stop.
C-103	Added "temporary service marker" indication.
	Replaced "45° sweep" with "45° bend" at service connection.
C-105	Removed option for wood block beneath service box.
D-100	Added drawing showing typical cross-section with cross slope.
D-107	Added structure thickness diagram.
D-108	Added structure thickness diagram.
D-306	Added note for depressed curb and walk required at driveway access locations.
D-960	Created street sign placement drawing.
D-1001	Created AUTOfurn design vehicle drawing.
E-100	Revised tree grate and paving stone details.
F-100	Added front-to-back lot drainage profile.