

## STANDARD DRAWINGS

### **DIVISION 2 – GENERAL TECHNICAL REQUIREMENTS**

UNDERGROUND UTILITY LOCATIONS - R2005 .....	201
MAILBOX LOCATION - R2023 .....	202A
CLUSTERED MAILBOX UNITS (CBUs) - R2023 .....	202B
TYPICAL PIPE CASING DETAIL - R2009.....	203
PIPE ZONE AND BEDDING DETAILS FOR STANDARD UTILITY TRENCH - R1998.....	204
STANDARD UTILITY TRENCH BACKFILL DETAIL - R2024.....	205
TEE CUT PAVEMENT RESTORATION - R2013 .....	206A
GRIND-INLAY PAVEMENT RESTORATION - R2018 .....	206B
TRENCH RESTORATION PROCEDURE AND DETAIL FOR RIGID PAVEMENT - R2005 .....	207
TYPICAL SIGN INSTALLATION - R2024.....	208
TYPICAL STREET NAME SIGN - R2019.....	209
STREET TREE PLANTING DETAIL - R2018 .....	210
UNDERGROUND UTILITY SUPPORT - R2024.....	211
END OF STREET BARRICADE - R2024 .....	212
SPEED BUMP - R2024.....	213

### **DIVISION 3 – STREETS**

TYPICAL STREET SECTION - R2024.....	301
TYPICAL PARTIAL STREET SECTION - R2013 .....	302
36-FOOT CUL-DE-SAC STANDARD DETAIL - R2009.....	303
DETAILS FOR TYPICAL CURB AND GUTTER AND CONFIGURATIONS - R2024 .....	304
VALLEY GUTTER DETAIL - R1998 .....	305
TYPICAL CURB DRAIN - R2018.....	306
INSTALLATION OF CURB DRAINS UNDER EXISTING SIDEWALKS - R2013 .....	307
RESIDENTIAL AND COMMERCIAL DRIVEWAYS WITH SETBACK SIDEWALK - R2011 .....	308
RESIDENTIAL AND COMMERCIAL DRIVEWAYS WITH CURB SIDE SIDEWALK - R2013.....	309A
DRIVEWAYS ON ROLLED CURB WITH CURBSIDE SIDEWALK - R2024.....	309B
COMMERCIAL DRIVEWAY WITH STANDARD CURB RETURN - R2013 .....	310
STANDARD DRIVEWAY APPROACH FOR UNIMPROVED STREETS - R2005 .....	311
CULVERT DETAIL FOR STANDARD DRIVEWAY APPROACH UNIMPROVED STREETS - R2018.....	312
STANDARD (SETBACK) SIDEWALK - R2023.....	313
CONSTRUCTION OF SIDEWALK AROUND EXISTING OBSTRUCTIONS ON CURBSIDE SIDEWALK - R2023 .....	314
GENERAL CURB RAMP DETAILS - R2023.....	315
PERPENDICULAR CURB RAMP - R2023 .....	316
PERPENDICULAR CURB RAMP WITH RETURN CURBS - R2023 .....	317
PARALLEL CURB RAMP - R2023.....	318
DETECTABLE WARNING SURFACE DETAIL - R2023.....	319
PEDESTRIAN ACCESS CIRCULATION PATH - R2023 .....	320

### **DIVISION 4 – SANITARY SEWERS AND STORM DRAINS**

STANDARD PRECAST MANHOLE - R2024 .....	401
SHALLOW PRECAST MANHOLE DETAIL - R2019.....	402
STANDARD DROP MANHOLE - R2019.....	403
CAST-IN-PLACE MANHOLE BASE - R2013 .....	404
WATERTIGHT MANHOLE FRAME AND COVER - R2019 .....	405
TAMPERPROOF MANHOLE FRAME AND COVER - R2019 .....	406
STANDARD MANHOLE FRAME AND COVER - R2019.....	407

LARGE DIAMETER PRECAST MANHOLE - R2024.....	408
POST-CONSTRUCTION MANHOLE FRAME AND COVER ADJUSTMENT – R2019.....	409
<i>Reserved</i> .....	410
4-INCH AND 6-INCH SS AND SD SERVICE CONNECTION DETAIL - R2015 .....	411
STANDARD PRECAST CONCRETE CURB INLET - R2013 .....	412
STANDARD CURB INLET BASE - R2013.....	413
CATCH BASIN - R2015.....	414
<i>Reserved</i> .....	415
STANDARD SANITARY SEWER/STORM DRAIN MAINLINE CLEANOUT DETAIL - R2024.....	416

**DIVISION 5 – WATER**

STANDARD BLOCKING DETAILS - R2000 .....	501
STANDARD VALVE BOX DETAIL - R2013 .....	502
VALVE OPERATOR EXTENSION - R2005 .....	503
STANDARD FIRE HYDRANT ASSEMBLY - R2018 .....	504
<i>Reserved</i> .....	505
STANDARD DEAD-END MAIN WITH BLOWOFF (WL 8-INCH DIAMETER AND SMALLER) - R2005 .....	506
¾-INCH AND 1-INCH WATER METERS - R2024 .....	507
1½-INCH AND 2-INCH WATER METERS - R2024 .....	508
1-INCH AND 2-INCH COMBINATION AIR/VACUUM RELEASE VALVE - R2024 .....	509
WATER METER VAULT 3-INCH, 4-INCH, 6-INCH, 8-INCH, 10-INCH - R2019.....	510
STANDARD CONNECTION ASSEMBLIES (TIE-INS BETWEEN EXISTING AND NEW WL) - R2005 .....	511
TYPICAL WATER LINE UNDERCROSSING - R2005.....	512
DUCTILE IRON FITTING SACRIFICIAL ANODE DETAIL - R2024.....	513

**DIVISION 6 – POST-CONSTRUCTION STORMWATER QUALITY FACILITIES**

STREET TREE DETAIL IN STORMWATER FACILITIES - 2015.....	601
MULTI-CELL STORMWATER QUALITY FACILITIES (PLANTER SHOWN) - 2015.....	602
STREETSIDE SHALLOW SWALE PLAN VIEW - 2018 .....	603A
STREETSIDE SHALLOW SWALE SECTION VIEW - 2015.....	603B
STREETSIDE PLANTERS PLAN VIEW – R2019.....	604A
STREETSIDE PLANTERS SECTION VIEW - 2018.....	604B
CURB EXTENSION PLANTER AT INTERSECTION - R2018 .....	605
CURB EXTENSION PLANTER PLAN VIEW - 2018.....	606
CURB EXTENSION POD PLAN VIEW - 2018.....	607
CURB EXTENSION PLANTER & POD SECTION VIEWS - 2015 .....	608
PLANTER WALL - 2015 .....	609
LINER ATTACHMENT DETAILS - 2015 .....	610
ROOF DRAIN CONNECTION TO SWALE AND PLANTER - 2015 .....	611
TYPICAL STREETSIDE CURB NOTCH - PAVER SPLASH PAD - R2019 .....	612
CURB EXTENSION INLET - R2019 .....	613
STREETSIDE GRATED INLET - R2019 .....	614
CURB INLET SEDIMENT COLLECTOR WITH PLANTER - R2024.....	615
CATCH BASIN SEDIMENT COLLECTOR WITH PLANTER - R2024.....	616A
CATCH BASIN SEDIMENT COLLECTOR WITH SWALE - R2019.....	616B
METAL CURB DETAILS - 2015.....	617
WOOD CHECK DAM FOR SWALE - 2015 .....	618
WOOD CHECK DAM FOR PLANTER - 2015.....	619
BEEHIVE OVERFLOW INLET GRATE - 2015.....	620
PRETREATMENT MANHOLE - 2019 .....	621