

Old Drawing No. (2012)	Old Drawing Title	New Drawing No. (2016)	New Drawing Title
CONCRETE STRUCTURES			
		C1**	MASONRY RETAINING WALL TYPE 1 (LEVEL BACKFILL)
		C2**	MASONRY RETAINING WALL TYPE 2 (LIVE LOAD SURCHARGE OR SLOPING BACKFILL)
		C3**	MASONRY RETAINING WALL TYPE 3 (LEVEL BACKFILL)
		C4**	MASONRY RETAINING WALL TYPE 4 (LIVE LOAD SURCHARGE OR SLOPING BACKFILL)
		C5**	MASONRY RETAINING WALL TYPE 5 (LEVEL BACKFILL)
		C6**	MASONRY RETAINING WALL TYPE 6 (LIVE LOAD SURCHARGE OR SLOPING BACKFILL)
C-7	GENERAL NOTES FOR MASONRY RETAINING WALLS	SDC-107***	RETAINING WALLS NOTES
C-8	DETAILS FOR MASONRY RETAINING WALL	SDC-108***	RETAINING WALL DETAILS
DRAINAGE SYSTEM			
SDD-103	SLOTTED DRAIN CONNECTIONS TO STANDARD INLETS	SDD-103*	SLOTTED DRAIN CONNECTIONS TO STANDARD INLETS
SDD-104	RIP RAP ENERGY DISSIPATOR	SDD-104	RIP RAP ENERGY DISSIPATOR
SDD-105	CONCRETE ENERGY DISSIPATOR(2)	SDD-105	CONCRETE ENERGY DISSIPATOR(2)
SDD-107	MINOR DRAINAGE CHANNEL	SDD-107	MINOR DRAINAGE CHANNEL
SDD-108	MAJOR DRAINAGE CHANNEL	SDD-108*	MAJOR DRAINAGE CHANNEL
SDD-109	GRADED EARTH CHANNEL	SDD-109*	GRADED EARTH CHANNEL
SDD-111	BOX CULVERT WINGWALL(2)	SDD-111	BOX CULVERT WINGWALL(6)
SDD-112	BOX CULVERT WARPED WINGWALL(6)	SDD-112	BOX CULVERT WARPED WINGWALL(3)
SDD-114	INLETS AND CLEANOUTS NOTES AND DETAILS (2)	SDD-114	INLETS AND CLEANOUTS NOTES AND DETAILS (2)
SDD-115	CURB INLET - TYPE A	SDD-115	CURB INLET - TYPE A
SDD-116	CURB INLET - TYPE B	SDD-116	CURB INLET - TYPE B
SDD-117	CURB INLET - TYPE C	SDD-117	CURB INLET -TYPE C
SDD-118	MEDIAN CURB INLET - TYPE J	SDD-118	MEDIAN CURB INLET -TYPE J
SDD-119	CATCH BASIN - TYPE F	SDD-119	CATCH BASIN -TYPE F
SDD-120	CATCH BASIN - TYPE G		DELETED
D-76H	SINGLE BOX CULVERT DETAILS NO.1		DELETED
D-76I	SINGLE BOX CULVERT DETAILS NO.1		DELETED
D-76J	SINGLE BOX CULVERT DETAILS NO.1		DELETED
D-76K	SINGLE BOX CULVERT DETAILS NO.2		DELETED
D-77H	DOUBLE BOX CULVERT DETAILS NO.1		DELETED
D-77I	DOUBLE BOX CULVERT DETAILS NO.1		DELETED
D-77J	DOUBLE BOX CULVERT DETAILS NO.1		DELETED
D-77K	DOUBLE BOX CULVERT DETAILS NO.1		DELETED
D-77L	DOUBLE BOX CULVERT DETAILS NO.2		DELETED
D-78H	TRIPLE BOX CULVERT DETAILS NO.1		DELETED
D-78I	TRIPLE BOX CULVERT DETAILS NO.1		DELETED
D-78J	TRIPLE BOX CULVERT DETAILS NO.1		DELETED
D-78K	TRIPLE BOX CULVERT DETAILS NO.1		DELETED
D-78L	TRIPLE BOX CULVERT DETAILS NO.1		DELETED
D-78M	TRIPLE BOX CULVERT DETAILS NO.2		DELETED

*MINOR UPDATE (i.e. SPELLING, GRAMMAR, REFERENCE UPDATE)

**REGIONAL STANDARD DRAWING

***NEW DRAWINGS

Old Drawing No. (2012)	Old Drawing Title	New Drawing No. (2016)	New Drawing Title
ELECTRICAL SYSTEM			
SDE-101 & E-1	STREET LIGHTING STANDARD	SDE-101	STREET LIGHTING STANDARD
SDE-101	STREET LIGHTING STANDARD	SDE-104	TYPE E MODIFIED LOOP(2)
E-2	GROUNDING OF CONCRETE LIGHTING STANDARDS	E-2**	GROUNDING OF CONCRETE LIGHTING STANDARDS
E-33	PEDESTAL FOR ELECTRICAL EQUIPMENT	E-3**	PEDESTAL FOR ELECTRICAL EQUIPMENT
GENERAL SURFACE IMPROVEMENTS			
SDG-107	TRENCH RESURFACING FOR ASPHALT CONCRETE SURFACED STREETS	SDG-107	TRENCH RESURFACING FOR ASPHALT CONCRETE SURFACED STREETS
SDG-108	TRENCH RESURFACING FOR PCC SURFACED STREETS	SDG-108	TRENCH RESURFACING FOR PCC SURFACED STREETS
SDG-109	SIDEWALK JOINT LOCATIONS	SDG-109*	SIDEWALK JOINT LOCATIONS
SDG-112	RAISED CENTER MEDIAN(2)	SDG-112*	RAISED CENTER MEDIAN(2)
SDG-117	NARROW TRENCHING TYPES C & D BACKFILL AND RESURFACING	SDG-117	NARROW TRENCH REURFACING FOR ASPHALT CONCRETE SURFACE STREET
SDG-118	NARROW TRENCHING TYPES E & F BACKFILL AND RESURFACING	SDG-118	NARROW TRENCH RESURFACING FOR PCC SURFACED STREETS
SDG-119	TRENCH TYPES G, H & I BACKFILL FOR DRY UTILITY	SDG-119	TRENCH TYPES G, H & I BACKFILL FOR DRY UTILITY
SDG-120	ALLEY APRON	SDG-120*	ALLEY APRON
SDG-130	GENERAL CURB RAMP NOTES & SUPPLEMENTAL DETAILS	SDG-130	DETECTABLE WARNING TILES
		SDG-131***	GENERAL CURB RAMP NOTES
SDG-132	CURB RAMP TYPE A & B	SDG-132	GENERAL CURB RAMP NOTES AND SUPPLEMENTAL DETAILS
		SDG-133***	CURB RAMPS - TYPE A AND B
SDG-134	CURB RAMP -TYPE C1	SDG-134	DUAL CURB RAMPS
SDG-135	CURB RAMP -TYPE C2	SDG-135	CURB RAMPS - TYPE C1 AND C2
SDG-136	CURB RAMP -TYPE D	SDG-136	CURB RAMPS - TYPE C1 AND C2 MORE DETAILS
		SDG-137***	CURB RAMP - TYPE D
		SDG-138***	GENERAL CURB RAMPS
		SDG-139***	ISLAND AND PASSAGEWAY DETAILS
		SDG-140***	CURB RAMP BARRICADE
SDG-150	CURB AND GUTTER - SEPARATE	SDG-150*	CURB AND GUTTER - SEPARATE
SDG-151	CURB AND GUTTER - COMBINED	SDG-151*	CURB AND GUTTER - COMBINED
SDG-154	CURB AND GUTTER - MEDIANS	SDG-154*	CURB AND GUTTER - MEDIANS
SDG-155	SIDEWALK -TYPICAL SECTIONS	SDG-155*	SIDEWALK - TYPICAL SECTIONS
SDG-156	CONCRETE CURB, GUTTER, SIDEALK AND PAVEMENT REMOVAL AND REPLACEMENT	SDG-156*	CONCRETE CURB, GUTTER, SIDEALK AND PAVEMENT REMOVAL AND REPLACEMENT
SDG-157	CROSS GUTTER	SDG-157*	CROSS GUTTER
SDG-158	MID-BLOCK CROSS GUTTER	SDG-158*	MID-BLOCK CROSS GUTTER
SDG-159	CONCRETE DRIVEWAY (CONTIGUOUS SIDEWALK)(2)	SDG-159	CONCRETE DRIVEWAY (CONTIGUOUS SIDEWALK)(2)
SDG-160	CONCRETE DRIVEWAY (NON-CONTIGUOUS SIDEWALK)	SDG-160	CONCRETE DRIVEWAY (NON-CONTIGUOUS SIDEWALK)
SDG-161	RESIDENTIAL CONCRETE DRIVEWAY (PARKWAY LESS THAN 10' IN DEPTH)	SDG-161*	RESIDENTIAL CONCRETE DRIVEWAY (PARKWAY LESS THAN 10' IN DEPTH)
SDG-162	CONCRETE DRIVEWAY (FOR CONFINED RIGHT - OF - WAY)	SDG-162	CONCRETE DRIVEWAY (FOR CONFINED RIGHT - OF - WAY)
SDG-163	COMMERCIAL CONCRETE DRIVEWAY	SDG-163*	COMMERCIAL CONCRETE DRIVEWAY
SDG-164	DRIVEWAY LOCATION AND WIDTH REQUIREMENTS	SDG-164	DRIVEWAY LOCATION AND WIDTH REQUIREMENTS
SPRINKLER IRRIGATION SYSTEMS			
SDI-110	IRRIGATION TRENCH PVC OR COPPER PIPE	SDI-110*	IRRIGATION TRENCH PVC OR COPPER PIPE
SDI-114	REMOTE CONTROL VALVE	SDI-114	REMOTE CONTROL VALVE
SDI-115	ELECTRICAL PULL BOX FOR DIRECT BURIAL CONTROL WIRES AND SPLICING NOTES	SDI-115	ELECTRICAL PULL BOX FOR DIRECT BURIAL CONTROL WIRES AND SPLICING NOTES
SDI-117	AUTOMATIC IRRIGATION CONTROLLER PEDESTAL MOUNTED	SDI-117	AUTOMATIC IRRIGATION CONTROLLER PEDESTAL MOUNTED

*MINOR UPDATE (i.e. SPELLING, GRAMMAR, REFERENCE UPDATE)

**REGIONAL STANDARD DRAWING

***NEW DRAWINGS

Old Drawing No. (2012)	Old Drawing Title	New Drawing No. (2016)	New Drawing Title
SDI-118	AUTOMATIC IRRIGATION CONTROLLER INDOOR WALL MOUNTED	SDI-118	AUTOMATIC IRRIGATION CONTROLLER INDOOR WALL MOUNTED
SDI-119	CONTROL WIRE INSTALLATION	SDI-119	CONTROL WIRE INSTALLATION
SDI-127	REMOTE CONTROL VALVE DRIP IRRIGATION	SDI-127	REMOTE CONTROL VALVE DRIP IRRIGATION
LANDSCAPING			
SDL-102	SHRUB PLANTING/GROUND COVER SPACING	SDL-102	SHRUB PLANTING/GROUND COVER SPACING
L-5	LIGHT POLE PAD IN TURF AREAS	SDL-105	LIGHT POLE PAD IN TURF AREAS
MISCELLANEOUS			
SDM-100	SUPPLEMENTAL TO REGIONAL STANDARD DRAWINGS (M SERIES)		DELETED
SDM-101	LEFT TURN MEDIAN TRANSITION	SDM-101	LEFT TURN MEDIAN TRANSITION
SDM-104	BREAK - AWAY SIGN POST	SDM-104	BREAK - AWAY SIGN POST
SDM-105	WARNING/IDENTIFICATION TAPE INSTALLATION	SDM-105	WARNING/IDENTIFICATION TAPE INSTALLATION
SDM-109	UNDERGROUND TYPICAL LOCATION (NEW CONSTRUCTION)	SDM-109	UNDERGROUND TYPICAL LOCATION (NEW CONSTRUCTION)
SDM-112	VINYL COATED CHAIN LINK FENCE	SDM-112*	VINYL COATED CHAIN LINK FENCE
SDM-115	PEDESTRIAN RAMP AND PROTECTIVE RAILING(3)	SDM-115	PEDESTRIAN RAMP AND PROTECTIVE RAILING (3)
SDM-116	CONTINENTAL CROSSWALK MARKINGS LAYOUT AND NOTES	SDM-116	CONTINENTAL CROSSWALK MARKINGS LAYOUT AND NOTES (3)
SDM-117	ACCESSIBLE PARKING (7)	SDM-117	ACCESSIBLE PARKING (8)
SDM-118	PEDESTRIAN PROTECTIVE RAILING & STAIR HANDLE(3)	SDM-118	PEDESTRIAN PROTECTIVE RAILING & STAIR HANDLE(3)
M-30	GUARD RAIL REFERENCE NOTE	SDM-130	GUARD RAIL
M-10	STREET SURVEY MONUMENT	M-10**	STREET SURVEY MONUMENT
		M-10A**	STREET SURVEY MONUMENT OVERLAY ADJUSTMENT
		M-10 B**	STREET SURVEY MONUMENT NOTES
RECYCLED WATER SYSTEM			
SDRW-102	2" RECYCLED WATER SERVICE INSTALLATION AND MARKING (2)	SDRW-102	2" RECYCLED WATER SERVICE INSTALLATION AND MARKING (2)
SDRW-103	RECYCLED WATER VALVE AND VALVE BOX (LIGHT DUTY)	SDRW-103*	RECYCLED WATER VALVE AND VALVE BOX (LIGHT DUTY)
SDRW-104	RECYCLED WATER VALVE AND VALVE BOX (HEAVY DUTY)	SDRW-104*	RECYCLED WATER VALVE AND VALVE BOX (HEAVY DUTY)
SDRW-105	RECYCLED WATER VALVE WELL COVER	SDRW-105	RECYCLED WATER VALVE WELL COVER
SDRW-112	SIGN/TAG FOR RECYCLED WATER IRRIGATION BOX COVER/LID	SDRW-112	SIGN/TAG FOR RECYCLED WATER IRRIGATION BOX COVER/LID
SEWER SYSTEM			
SDS-100	SUPPLEMENTAL TO REGIONAL STANDARD DRAWINGS (S SERIES)		DELETED
SDS-101	PERMISSIBLE DEPTH OF COVER FOR PVC PIPE	SDS-101	PERMISSIBLE DEPTH OF COVER FOR PVC PIPE
SDS-103	SEWER LATERAL CLEANOUTS (OUTSIDE TRAVELED WAY)	SDS-103	SEWER LATERAL CLEANOUTS (OUTSIDE TRAVELED WAY)
SDS-104	4" BACKWATER DEVICE	SDS-104*	4" BACKWATER DEVICE (2)
SDS-105	HOUSE CONNECTION (SEWER LATERAL)	SDS-105	HOUSE CONNECTION (SEWER LATERAL)
SDS-106	MANHOLE 5'X3' DIAMETER	SDS-106*	MANHOLE 5'X3' DIAMETER
SDS-107	MANHOLE 4'X3' DIAMETER (FOR 15" MAXIMUM DIAMETER PIPE)	SDS-107	MANHOLE 4'X3' DIAMETER (FOR 15" MAXIMUM DIAMETER PIPE)
SDS-110	PIPE BEDDING AND TRENCH BACKFILL FOR SEWERS	SDS-110*	PIPE BEDDING AND TRENCH BACKFILL FOR SEWERS
SDS-119	PIPE BEDDING AND TRENCH BACKFILL FOR SEWERS IN GROUNDWATER	SDS-119*	PIPE BEDDING AND TRENCH BACKFILL FOR SEWERS IN GROUNDWATER
SDS-120	SEWER MANHOLE BASE	SDS-120*	SEWER MANHOLE BASE
		SDS-121	SEWER MAIN CLEANOUT
WATER SYSTEMS			
SDW-104	FIRE HYDRANT INSTALLATION(3)	SDW-104*	FIRE HYDRANT INSTALLATION (3)
SDW-05	4" AND LARGER FIRE SERVICE INSTALLATION(2)	SDW-105	4" AND LARGER FIRE SERVICE INSTALLATION (2)
SDW- 106	BLOW-OFF ASSEMBLIES AT END OF PVC AND CAST IRON MAINS	SDW- 106*	BLOW-OFF ASSEMBLIES AT END OF PVC AND CAST IRON MAINS

*MINOR UPDATE (i.e. SPELLING, GRAMMAR, REFERENCE UPDATE)

**REGIONAL STANDARD DRAWING

***NEW DRAWINGS

Old Drawing No. (2012)	Old Drawing Title	New Drawing No. (2016)	New Drawing Title
SDW-108	FIELD WELDED JOINTS	SDW-108*	FIELD WELDED JOINTS
SDW-109	VALVE KEY EXTENSIONS	SDW-109	VALVE KEY EXTENSIONS
		SDW-114	2" METER, BLACKFLOW AND COFFER BOX
SDW-118	FIRE SERVICE CONNECTION & ASSEMBLY	SDW-118*	FIRE SERVICE CONNECTION & ASSEMBLY
SDW-119	DUAL ABOVE GROUND METER AND BACKFLOW PREVENTION ASSEMBLIES(2)	SDW-119	DUAL ABOVE GROUND METER WITH CITY BACKFLOW PREVENTER (2)
SDW-120	BACKFLOW PREVENTER REDUCED PRESSURE PRINCIPLE DETECTOR ASSEMBLY FOR FIRE SERVICE 3" AND LARGER	SDW-120*	BACKFLOW PREVENTER REDUCED PRESSURE PRINCIPLE DETECTOR ASSEMBLY FOR FIRE SERVICE 3" AND LARGER
SDW-124	POST-MOUNTED TEST STATION WIRE TERMINATION DETAIL	SDW-124*	POST-MOUNTED TEST STATION WIRE TERMINATION DETAIL
SDW-129	AT-GRADE CATHODIC PROTECTION TEST STATION WIRING DIAGRAM FOR ROADWAYS	SDW-129*	AT-GRADE CATHODIC PROTECTION TEST STATION WIRING DIAGRAM FOR ROADWAYS
SDW-130	INSULATING FLANGE FOUR-WIRE TEST STATION INSTALLATION	SDW-130*	INSULATING FLANGE FOUR-WIRE TEST STATION INSTALLATION
SDW-134	POLYMER CONCRETE WATER METER BOX FOR 1" WATER SERVICE	SDW-134*	POLYMER CONCRETE WATER METER BOX FOR 1" WATER SERVICE
SDW-135	POLYMER CONCRETE WATER METER BOX FOR 2" WATER SERVICE	SDW-135*	POLYMER CONCRETE WATER METER BOX FOR 2" WATER SERVICE
SDW-136	METER BOX POLYMER CONCRETE COVER(2)	SDW-136	METER BOX POLYMER CONCRETE COVER(2)
SDW-138	MULTIPLE SERVICE ASSEMBLY DEAD END MAIN	SDW-138*	MULTIPLE SERVICE ASSEMBLY DEAD END MAIN
SDW-140	WATER METER WITH 2" AND SMALLER DOUBLE CHECK VALVE ASSEMBLY		DELETED
SDW-141	BACKFLOW PREVENTER DOUBLE CHECK DETECTOR ASSEMBLY FOR FIRE SERVICE 3" AND LARGER	SDW-141	BACKFLOW PREVENTERS WET UTILITY ROOM INSTALLATION
SDW-143	2" BLOW-OFF INSTALLATION	SDW-143*	2" BLOW-OFF INSTALLATION
SDW-144	4" AND 6" BLOW- OFF INSTALLATION TYPE A	SDW-144*	4" AND 6" BLOW- OFF INSTALLATION TYPE A
SDW-145	4" AND 6" BLOW-OFF INSTALLATION TYPE B	SDW-145	4" AND 6" BLOW-OFF INSTALLATION TYPE B
SDW-146	BLOW-OFF INSTALLATION FROM END OF MAINS & FROM STEEL MAIN	SDW-146	BLOW-OFF INSTALLATION FROM END OF MAINS & FROM STEEL MAIN
SDW-148	WARNING/IDENTIFICATION TAPE INSTALLATION		DELETED
SDW-149	2" WATER SERVICE INSTALLATION	SDW-149*	2" WATER SERVICE INSTALLATION
SDW-150	1" WATER SERVICE INSTALLATION	SDW-150*	1" WATER SERVICE INSTALLATION
SDW-151	CONCRETE THRUST AND ANCHOR BLOCK INSTALLATIONS(3)	SDW-151*	CONCRETE THRUST AND ANCHOR BLOCK INSTALLATIONS(3)
SDW-152	GATE WELL IDENTIFICATION	SDW-152	GATE WELL IDENTIFICATION
SDW-153	GATE WELL CAP & CAN INSTALLATION FOR VALVES 4" AND LARGER	SDW-153*	GATE WELL CAP & CAN INSTALLATION FOR VALVES 4" AND LARGER
SDW-154	WATER VALVE BYPASS DETAILS FOR MAINLINES 16" AND LARGER	SDW-154	WATER VALVE BYPASS DETAILS FOR MAINLINES 16" AND LARGER
SDW-155	¾" THRU 2" REDUCED PRESSURE BACKFLOW PREVENTION DEVICE	SDW-155	BLACKFLOW PREVENTER FOR ¾" TO 2" METERED SERVICE
SDW-156	3" AND LARGER REDUCED PRESSURE BACKFLOW PREVENTION DEVICE	SDW-156	BLACKFLOW PREVENTER FOR 3" AND LARGER METERED SERVICE
SDW-157		SDW-157	DUAL ABOVE GROUND METER WITH PRIVATE BACKFLOW(2)
SDW-158*	2" MANUAL AIR VALVE	SDW-158*	2" MANUAL AIR VALVE
SDW-159	2" AUTOMATIC COMBINATION AIR RELEASE & AIR/VACUUM VALVE INSTALLATIONS	SDW-159	2" AUTOMATIC COMBINATION AIR RELEASE & AIR/VACUUM VALVE INSTALLATIONS
SDW-160	4" AND 6" AUTOMATIC COMBINATION AIR RELEASE & AIR/VACUUM VALVE INSTALLATIONS	SDW-160	4" AND 6" AUTOMATIC COMBINATION AIR RELEASE & AIR/VACUUM VALVE INSTALLATIONS
SDW-161	PIPE SUPPORT FOR UNDERCUT SEWER MAINS OR SEWER LATERALS	SDW-161	PIPE SUPPORT FOR UNDERCUT SEWER MAINS OR SEWER LATERALS
SDW-170	2" FIRE HYDRANT HIGHLINING CONNECTION	SDW-170	2" FIRE HYDRANT HIGHLINING CONNECTION
SDW-173	HIGHLINING CROSSING & RUN	SDW-173	HIGHLINING CROSSING & RUN AT DRIVEWAYS AND CURBS
		SDW-174***	HIGHLINING CROSSING & RUN AT CURB RAMPS

*MINOR UPDATE (i.e. SPELLING, GRAMMAR, REFERENCE UPDATE)

**REGIONAL STANDARD DRAWING

***NEW DRAWINGS