

STANDARD DETAILS INDEX

Page 1 of 5

CITY OF WESTMINSTER STANDARDS & SPECIFICATIONS

For the Design and Construction of Public Improvements

June 2019

CHAPTER 2 EARTHWORK, EROSION CONTROL, AND REVEGETATION	SHEET NUMBER	DESCRIPTION
	EC1	Map Symbols
	EC2	Map Symbols
	EC3	Map Symbols
	EC4	Single Family Residence Erosion Control Plan
	EC5	Inlet Gravel Filter – Sump
	EC6	On Grade Inlet Protection
	EC7	Area Inlet Protection Using Gravel Filter
	EC8	Vehicle Tracking Pad
	EC9	Concrete Washout Area
	EC10	Reinforced Check Dam
	EC11	Sediment Basin Details
	EC12	Sediment Basin Sizing and Notes
	EC13	Sediment Trap
	EC14	Temporary Slope Drain
	EC15	Silt Fence
	EC16	Sediment Control Log
	EC17	Erosion Blanket Details
	EC18	Erosion Blanket Installation and Maintenance Notes
	EC19	Rock Sock Detail
CHAPTER 3 WATER SYSTEM	W1	Typical Trench Section – Pipe Protection
	W2	Fire Hydrant Installation Detail
	W3	Concrete Thrust Blocks – Bearing Surfaces and Installation
	W4	Typical Thrust Block Dimensions
	W5	Concrete Thrust Blocking for Unbalanced Fittings
	W6	Polyethylene Wrap For Iron Pipe and Fittings
	W7	Tracer Wire on Plastic Pipe
	W8A	3/4” & 1” Non-Residential Domestic Meter Sets
	W8B	3/4” & 1” Irrigation Meter Sets
	W8C	Settings For 3/4” & 1” Meters
	W9A	1” Meter With Double Check Valve Assembly
	W9B	Multiple Meter Settings
	W10A	1-1/2” & 2” Domestic Meter Sets
	W10B	1-1/2” & 2” Irrigation Meter Sets
	W10C	Inside Setting For 1-1/2” & 2” Meter & Bypass

STANDARD DETAILS INDEX

Page 2 of 5

CHAPTER 3 (cont.)	W11A	3" and 4" Domestic Meter Sets
	W11B	Typical Meter Vault
	W11C	Inside Setting For 3" & Larger Meter
	W12	Valve Supports
	W13	Valve Box
	W14	Wall Clamp
	W15	Standard Blowoff Assembly 12" and Smaller Waterlines
	W16	A.C. Pipe Adapter Details
	W17	Conduit Crossing
	W18	Combination Air Valve Installation
	W19	Butterfly Valve Installation in Waterlines Larger Than 16"
	W20	Water Distribution System Typical Plan For Cul-De-Sac
	W21	Boring Detail
	W22	Transmission Main Blow-Off Installation
	W23	Water Vault Lid
	W24	Wet Tap Connection – 4" and Larger Tap
	W25	Encasement For Conduit Crossings
	W26	Concrete Encasement Reinforcement Detail
	W27	Vault Vent Detail
	W28	Potable Water Sampling Station
CHAPTER 4 SANITARY SEWER SYSTEM	SS1	Standard Pre-Cast Manhole
	SS2	Cast-In-Place Manhole Base
	SS3	Inside Drop Manhole
	SS4	Outside Drop Manhole
	SS5	Typical Pipe Trench Section
	SS6	Sewer Service Connection
	SS7	Typical Residential Service Location
	SS8	Utility Crossings
	SS9	Sanitary Sewer Casing Details
	SS10	Standard Clean-Out Details
	SS11	Standard Sanitary Sewer Cover In Paved Areas
	SS12	Locking Hinged Sanitary Sewer Cover In Non-Paved Areas
	SS13	Sanitary Sewer Manhole Abandonment
	SS14	Groundwater Barrier Wall Detail
	SS15	Typical Service Reconnection Detail
CHAPTER 5 STORM SEWER SYSTEM	ST1	Standard Manhole Base
	ST2	Manhole Barrels and Alternate Tops
	ST3	No Detail – Reserved For Future Use
	ST4	Typical Pipe Bedding

STANDARD DETAILS INDEX

Page 3 of 5

CHAPTER 5 (cont.)	ST5	Curb Inlet Type R / Sheet 1 of 4
	ST6	Type R Inlet / Sheet 2 of 4
	ST7	Type R Inlet / Sheet 3 of 4
	ST8	Type R Inlet and Manhole Cover Detail/ Sheet 4 of 4
	ST9	Encasement For Conduit Crossings
	ST10	Concrete Encasement Reinforcement Detail
CHAPTER 6 ROADWAY	R1	Local Typical Sections
	R2	Major & Minor Collectors Typical Sections
	R3	Major And Minor Arterial Typical Sections
	R4	TMUND Typical Sections
	R5	TMUND Typical Sections
	R6	Cul-De-Sac Detail
	R7	Cul-De-Sac Detail
	R8	Vertical Curb & Gutter
	R9	Combination Curb, Gutter & Walk
	R10	Curb Ramp General Notes
	R11	Curb Ramp Type 1A
	R12	Curb Ramp Type 1B
	R13	Curb Ramp Type 2A
	R14	Curb Ramp Type 2B And 2C
	R15	Curb Ramp Type 3A
	R16	Curb Ramp Type 3B
	R17	Curb Ramp Type 3C
	R18	Curb Ramp Type 4A And 4B
	R19	Curb Ramp Miscellaneous Details
	R20	Curb Ramp With Cross Pan Barrier Curb
	R21	Ramp Drive For Vertical Curb Attached Walk
	R22	Ramp Drive For Vertical Curb & Detached Walk
	R23	Standard Sidewalk Chase Detail
	R24	Chase Drain Details
	R25	Reserved For Future Use
	R26	Median Cover Material (Patterned Concrete)
	R27	Median Edging (Patterned Concrete)
	R28	Median Cover Transitions
	R29	Raised Pedestrian Crosswalk
	R30	Raised Pedestrian Crosswalk With Chase
	R31	Concrete Shared Use Path
	R32	Crusher Fines Trails
	R33	Manhole Adjustment
CHAPTER 8 TRAFFIC	T1	Typical Sign Post Anchor Detail

STANDARD DETAILS INDEX

TRAFFIC (cont.)	T2	Signal Poles Design Information
	T3	Signal Poles General Layout
	T4	Signal Poles Maximum Loading Information
	T5	Signal Poles Maximum Loading Information
	T6	Signal Poles Details
	T7	Signal Poles Details
	T8	Signal Pole Caisson Details
	T9	Signal Pole Caisson Details
	T10	Signal Pole Caisson Details
	T11	Pedestrian Push Button Post And Sign
	T12	Signal Pole & Mast Arm Mounting Details
	T13	Signal Pole & Mast Arm Mounting Details
	T14	Loop Detector / Pull Box Details
	T15	Loop Detector Details
	T16	Traffic Signal Pull Box
	T17	Traffic Signal General Installation Notes
	T18	Cabinet Requirements
	T19	Internally Illuminated Street Sign
	T20	School Flashing Beacon Assembly Side of Road
	T21	School Flashing Beacon Assembly Overhead
	T22	School Flashing Beacon Assembly Overhead
	T23	Crosswalk Striping
	T24	School Zone Or Route Crosswalk Striping
	T25	Crosswalks And Stop Bar Detail
	T26	Crosswalks And Stop Bar Details – Dual Left
	T27	Turn Arrow Detail
	T28	Intersection Lane Use Control Pvmt. Marking
	T29	Yield Lines
	T30	Bicycle Lane Pavement Markings
	T31	Bicycle Lane Pavement Markings
	T32	Bicycle Lane Pavement Markings
	T33	Bicycle Lane Pavement Markings
	T34	Inverted “U” Bicycle Racks
	T35	Inverted “U” Bicycle Racks
	CHAPTER 10 STREET LIGHTING	Sheet 1 of 11
Sheet 2 of 11		Arterial/Collector Style Pole Galvanized Steel Standard
Sheet 3 of 11		Arterial/Collector Style Pole Optional Galvanized Steel Pole
Sheet 4 of 11		Arterial/Collector Style Poles & Fixtures
Sheet 5 of 11		Decorative Style Poles & Fixtures
Sheet 6 of 11		Collector/Residential Style Poles & Fixtures

STANDARD DETAILS INDEX

STREET LIGHTING (cont.)	Sheet 7 of 11	Conduit and Pull Box
	Sheet 8 of 11	Foundations
	Sheet 9 of 11	Electrical Connections
	Sheet 10 of 11	Power Supply
	Sheet 11 of 11	Power Supply