TOWN OF COMOX
APPROVED PRODUCTS LIST

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This Reference Document lists materials and products approved, restricted, or not allowed for Works and Services performed within the Town of Comox.

If a material or product is not listed in relation to an MMCD or a Supplementary Specification, any product meeting the listed specified requirements of such specification shall be accepted, and specifications shall prevail Brand & Model.

Where specified brand names are specified for a product (unless otherwise specified), any proposal for an alternate product as long as it meets the listed specified requirements of such specification shall be accepted. Where not specified, it will require the approval of the Town's Approved Product committee.

MMCD Section	Section Description	Product	Manufacturer	Approved Model	Restriction/ Additional Specifications
26 56 01 – *Roadway Lighting*					
	LED Luminaires		• Philips	• Roadfocus	3000K
	Decorative Street Lighting		• Falconridge	• K203 Luminaire	3000K
33 11 01 – *Waterworks*					
	Water Service Pipe	Polyethylene	• Rehau	• Rehau Municipex (Pex A)	
	Water Main Pipe	PVC	• IPEX • Westlake	• C900	AWWA C900 CSA B137.3
	Water Main Fittings	Ductile Iron	• Terminal City • Sigma • Canada Pipe	•	AWWA C153 AWWA C110
	Water Main Fittings	PVC	• IPEX	•	AWWA C907 CSA B 137.2
	Water Main Valves	Ductile Iron	• Mueller • Clow • Terminal City	• Resilient Seat	Epoxy Coated with Stainless Bolts
	Water Main Couplings and Adapters		• Robar • Smith Blair • Romac • Hymax	•	Meets AWWA C213
	Pipe Inserts		• Cambridge	• Stainless Steel	
	Joint and fitting Wrap		• Denso	•	

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	Hydrants		• Terminal City • Mueller • Clow	• C71P -105 • Modern Centurion (A-442) • Brigadier M93	Paint to be red body with white cap and nuts.
	Air Valves		• ARI	• D-040	
	Saddles for PVC/PVCO Main		• Cambridge Brass • Robar	• 2600 Series Covers • 5600 Series	Full wrap Stainless
	Water Meters		• Xylem	• 25mm Sensus iPerl • 50mm Sensus Omni C2 • 100mm and larger Sensus Cordonel	
	Meter Setters		• Cambridge Brass	• 25mm: 6031NL-415H4H4-UQP • 50mm: 6020NL-715F7F7-UQB	To be installed with dual check valve and relief screw.
	Corporation Stop		• Ford • Cambridge Brass	• FB1001 • Cambridge 301	AWWA C800/Compression
	Idler Bar		• Cambridge Brass	• 450 Plastic (25mm Service Connection) • 450NL Copper (50mm Service Connection)	
	Water Meter Boxes	Plastic Boxes – 25mm Services	• DFW Plastics Inc.	• DFWA2C-12-AF1MF • DFWA2C-12-EXT (for extensions)	Meter box and lid to be H20 load rated.
	Water Meter Boxes	Plastic Boxes - 50mm services	• DWF Plastics Inc.	• DFWA4WBC4-24-AF4MF	Meter box and lid to be H20 load rated.

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	Water Meter Boxes	Concrete Boxes – 25mm services	• AE Concrete	• Series T266	Meter box and lid to be H20 load rated.
	Water Meter Boxes	Concrete Boxes – 50mm services	• AE Concrete	• Series T266 Watermeter Service Box	Meter box and lid to be H20 load rated.
	Water Meter Boxes	Concrete Boxes – sizes greater than 50mm	• Armtec	• 2121.5 c/w hatch	Meter box and lid to be H20 load rated.
	Water Valve Boxes		• Dobney Foundry • Terminal City	• Square Robar • Round TC	Cast-iron box and lid to be H20 load rated if in hardscapes. Direction Indicator arrow in roadways Round to be used in boulevards
	PRV		• Cla-Val • Singer	•	Epoxy Coated, Stainless braided pilot tubing.
	Pipe restraint		• Ford • Star Pipe	• Uni Flange • 1000/1100	
33 30 01 – Sanitary Sewers					
	Inspection Chamber Boxes	Concrete Boxes	• AE Concrete	• Series B937	Meter box and lid to be H20 load rated. Labelled Sewer
	Inspection Chamber Boxes	Plastic Boxes	• DWF Plastics Inc.	• DFW486WBC4-12-AF4MF63D • DFW486WBC4-12-EXT (for extensions)	Meter box and lid to be H20 load rated.
	Inspection Chambers	PVC	• Pro-Line • Westlake • Galaxy	• 70A6PP	With 71AL1D08GL Riser and pre-plugged

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	Inspection Chamber Lids	PVC	• Pro-Line • Westlake • Galaxy		7308HSL Locking Lid, colour coded red for sani.
	Mainline Sanitary Pipe	PVC SDR35	• IPEX • JM Eagle • Royal Municipal Solutions	• Ring-Tite • Gasketed Sewer Pipe	ASTM D2412 Smooth wall pipe only
	Sanitary Service Connections		• IPEX • JM Eagle • Royal Municipal Solutions • ADS • Romac	• Ring-Tite • Gasketed Sewer Pipe • Inserta-tee • CB Style	New mains: used manufactured wyes. Existing mains: manufactured wyes, strap saddles, or insertable tees.
	Couplers		• Rolee	• Shear Band	Stainless steel ASTM C1173, CSA B602
33 34 01 – Sewage Forcemains					
	Force Mains	PVC	• IPEX • Westlake		AWWA C900 CSA B137.3
	Force Mains	HDPE	• Sclairpipe • Drisco Pipe • ISCO Pipe • WL Plastics		AWWA C906 CSA B137.3
33 40 01 – Storm Sewers					
	Inspection Chamber Boxes	Concrete Boxes	• AE Concrete	• Series B937	Meter box and lid to be H20 load rated.
	Inspection Chamber Boxes	Plastic Boxes	• DWF Plastics Inc.	• DFW486WBC4-12-AF4MF 63D • DFW486WBC4-12-EXT (for extensions)	Meter box and lid to be H20 load rated.
	Mainline Storm Pipe	PVC SDR35	• IPEX • JM Eagle • Royal Municipal Solutions	• Ring-Tite • Ultra-Rib • Kor-Flo • Gasketed Sewer Pipe	CSA B182.4 Concentric ribbed pipe only, no spiral ribbed pipe permitted

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	Inspection Chambers	PVC	• Pro-Line • Westlake • Galaxy	• 70A6PP	With 71AL1D08GL Riser and pre-plugged
	Inspection Chamber Lids	PVC	• Pro-Line • Westlake • Galaxy	•	7308HSL Locking Lid, colour-coded green for storm
	Storm Service Connections		• ADS • Romac	• Inserta-tee • CB Style	
	Couplers		• Rolee	• Shear Band	Stainless steel ASTM C1173, CSA B602
33 42 13 – Pipe Culverts					
	Precast Headwalls		• Armtec • Langley Concrete • AE Concrete		
	Composite headwalls		• CIF Composites	• Pro-Ecolite	
	Pipe	PVC	• IPEX • Westlake	• Ultra Rib • Kor-Flo	
33 44 01 – Manholes and Catchbasins					
	Manholes	Frame & Cover/Grate	• Dobney Foundry	• C18	Lid to be H20 load rated. Labelled “Storm” or “Sanitary”
	Catch Basin	Frame & Grate	• Dobney Foundry • Terminal City	• B19A Grate & B19A Frame • B50	Left and Right Hand Rectangular Grates
	Catch Basin	Frame & Grate – Side Inlet	• Trojan Industries	• Type C	Two piece side inlet frame added to the B19A or B50
	Catch Basin	Side Inlet Concrete Lid	• Langley • Diamond • Leko	• TR39 • 36DLSRM • CB0403	Two Opening Concrete Lid, H20 Load rating ASTM C478
	Manhole Barrel and Bases		• Leko • Hyland Precast	•	ASTM C478 and CSA A23.4
34 41 13 – Traffic Signals					

MMCD Section	Section Description	Product	Manufacturer	Approved Model	Restriction/ Additional Specifications
	Pedestrian Crossings	Signal Push Button	• Polara	• Bulldog BSDP-014-X	LED pushbuttons
	Pedestrian Crossings	Beacon	• JSF Technologies	• AB-2412-40W	Solar PED
	Traffic Light Controller		• Cobalt		Approval required by Town engineering department
Sanitary Lift Station Components					
	Float Switch	Flygt	• Flygt	• Float level tree type (mercury)	Any alternate products shall be CSA certified.
	Level Sensors	Vega	• Radar	•	
	Pumps	Flygt	•	• Submersible	With flush valve