



# Engineering Design Criteria & Standard Drawings

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2020

## APPENDIX G – APPROVED MANUFACTURERS' PRODUCT LIST



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## APPENDIX G – APPROVED MANUFACTURERS' PRODUCT LIST

### City of Vaughan - Approved Products as per The Road Authority (TRA)

Product Name	Manufacturer/Brand	Product Description
Tape, Marine, PT	Bren Technologies Inc./Petro Coating Systems Ltd.	A specialist tape to be used in conjunction with the PPM Marine Primer for long-term corrosion protection of steel piles and structural steel in marine environments. The PT Marine Tape is designed for use of either immersed or above the tidal zone application.
Tape, Petrolatum, HT	Bren Technologies Inc./Petro Coating Systems Ltd.	Non-woven stitch synthetic fabric, fully impregnated and coated with neutral petrolatum based compounds and inert fillers. Petrolatum based HT Tape is chemically inert and does not polymerize or oxidize and therefore retains its water resistance.
Tape, Petrolatum, LT	Bren Technologies Inc./Petro Coating Systems Ltd.	Non-woven stitch synthetic fabric, fully impregnated and coated with neutral petrolatum based compounds and inert fillers. Petrolatum based LT Tape is chemically inert and does not polymerize or oxidize and therefore retains its water resistance.
Tape, Petrolatum, ST	Bren Technologies Inc./Petro Coating Systems Ltd.	Non-woven stitch synthetic fabric, fully impregnated and coated with neutral petrolatum based compounds and inert fillers. Petrolatum based ST Tape is chemically inert and does not polymerize or oxidize and therefore retains its water resistance.
Compact MJ Fittings & Accessories (SIP Industries)	Canada Waterworks	Ductile Iron compact MJ fittings;ANSI/AWWA C153/A21.53;Push-on fittings & accessories;Flanged fittings.
Detectable Warning Plates - OPSD 310.039	Cedar Infrastructure Products LP	Cast Iron Detectable Warning Plates to help alert the visually impaired of approaching hazards.
IFC Maintenance Hole (MH) System	Cedar Infrastructure Products LP	Precast concrete Ø1200 mm MH tapered top, c/w concrete adjustment unit, integrated frame and cover.
IFC Maintenance Hole (MH) System	DECAST Ltd.	Precast concrete Ø1200 mm MH tapered top, c/w concrete adjustment unit, integrated frame and cover.
Cupolex-Engineered Concrete Tanks	Cupolex Engineering Solutions Inc.	CUPOLEX® is the leading global manufacturer of concrete cast-in-place forming solutions for stormwater management systems. Whether your site needs a detention system to prevent storm drain overloading, a groundwater recharge system for Low-Impact Development (LID), a storm water treatment system to improve water quality, or a complete stormwater harvesting system, CUPOLEX® offers structurally sound options for civil engineers to creatively integrate resilience in their design plans.
Tape, Marine, PT (Bren Technologies Inc./Petro Coating Systems Ltd.)	Gunn Product Services	A specialist tape to be used in conjunction with the PPM Marine Primer for long-term corrosion protection of steel piles and structural steel in marine environments. The PT Marine Tape is designed for use of either immersed or above the tidal zone application.
Tape, Petrolatum, HT (Bren Technologies Inc./Petro Coating Systems Ltd.)	Gunn Product Services	Non-woven stitch synthetic fabric, fully impregnated and coated with neutral petrolatum based compounds and inert fillers. Petrolatum based HT Tape is chemically inert and does not polymerize or oxidize and therefore retains its water resistance.
Tape, Petrolatum, LT (Bren Technologies Inc./Petro Coating Systems Ltd.)	Gunn Product Services	Non-woven stitch synthetic fabric, fully impregnated and coated with neutral petrolatum based compounds and inert fillers. Petrolatum based LT Tape is chemically inert and does not polymerize or oxidize and therefore retains its water resistance.
Tape, Petrolatum, ST (Bren Technologies Inc./Petro Coating Systems Ltd.)	Gunn Product Services	Non-woven stitch synthetic fabric, fully impregnated and coated with neutral petrolatum based compounds and inert fillers. Petrolatum based ST Tape is chemically inert and does not polymerize or oxidize and therefore retains its water resistance.
Flowtite® FRP Pipe (Flowtite Pipe USA)	ICONIX Waterworks	Flowtite®Fiberglass Reinforced Pipe (FRP)
Tape, Petrolatum, HT (Bren Technologies Inc./Petro Coating Systems Ltd.)	ICONIX Waterworks	Non-woven stitch synthetic fabric, fully impregnated and coated with neutral petrolatum based compounds and inert fillers. Petrolatum based HT Tape is chemically inert and does not polymerize or oxidize and therefore retains its water resistance.
Tape, Petrolatum, LT (Bren Technologies Inc./Petro Coating Systems Ltd.)	ICONIX Waterworks	Non-woven stitch synthetic fabric, fully impregnated and coated with neutral petrolatum based compounds and inert fillers. Petrolatum based LT Tape is chemically inert and does not polymerize or oxidize and therefore retains its water resistance.
Tape, Petrolatum, ST (Bren Technologies Inc./Petro Coating Systems Ltd.)	ICONIX Waterworks	Non-woven stitch synthetic fabric, fully impregnated and coated with neutral petrolatum based compounds and inert fillers. Petrolatum based ST Tape is chemically inert and does not polymerize or oxidize and therefore retains its water resistance.
Pipe - BIONAXTM	IPEX	Biaxially oriented PVC pipe provides added strength and flexibility compared to regular PVC. With molecular orientation in 2 directions, BionaxTMeliminates the risk of crack propagation and has 3 to 4 times the impact strength of regular PVC.
IFC Maintenance Hole (MH) System (DECAST Ltd.)	M-Con Pipe & Products Inc.	Precast concrete Ø1200 mm MH tapered top, c/w concrete adjustment unit, integrated frame and cover.
IFC Maintenance Hole (MH) System (DECAST Ltd.)	Rinker Materials	Precast concrete Ø1200 mm MH tapered top, c/w concrete adjustment unit, integrated frame and cover.
IFC Maintenance Hole (MH) System (DECAST Ltd.)	Rinker Materials	Precast concrete Ø1200 mm MH tapered top, c/w concrete adjustment unit, integrated frame and cover.
Compact MJ Fittings & Accessories	SIP Industries	Ductile Iron compact MJ fittings;ANSI/AWWA C153/A21.53;Push-on fittings & accessories;Flanged fittings.
Detectable Warning Plates	SIP Industries	Cast Iron tactile plates, non-slip to alert the visually impaired persons of approaching street or any hazards.
Joint Restraints	SIP Industries	Mechanical Joint Restraints for DIP & PVC Pipe
SIP Industries service boxes. Repair lids and compoments	SIP Industries	Service boxes SB#D1 & SB#D2 Item CN5700-5701-02-03 and SS 304 rods CN5704
Valve Box (4 1/4)	SIP Industries	Sliding valve Box with 48" and 60" bases
Valve Box (5 1/4)	SIP Industries	5-1/4" slip Type Valve Box with Stem Guide
Flowtite® FRP Pipe	Thompson Pipe Group	Flowtite®Fiberglass Reinforced Pipe (FRP)
AquaMax™ C909 IB PVCO Pipe	Westlake Pipe & Fittings	Molecularly Oriented Polyvinyl Chloride (PVCO) Pressure Pipe.Available in CIOD sizes 100mm through 400mm (4"-16"). Certified to CSA B137.3.1