

## Engineering & Construction Services Division Standard Drawings for Sewers and Watermains

**Revision No. 18** 

September 2021

Superseded/Cancelled (Remove)		Revised/New (Insert)		Drawings for Sewers and Watermains
T No.	Revision	T No.	Revision	Remarks
All T- drawings				<ul> <li>Revision numbers:</li> <li>Revision No. 0 means original release.</li> <li>Revision No. 1 means first revision.</li> <li>Revision No. 2 means second revision Revision No. 3 means third revision and so on.</li> </ul>
T-701.012-1 Apr 2014	3	T-701.012-1 Sep 2021	4	Precast Maintenance Hole 1800 mm Diameter  • Note 4; Revise depth from 5.0 to 4.5 m to align with Occupation Health and Safety Act (O. Reg. 213/91 section 286 (1)).
T-1105.02-2 Apr 2013	3	T-1105.02-2 Sep 2021	4	• Revise box with 'M' from water meter to electromagnetic water meter.
T-1110.07-4 Apr 2017	0	T-1110.07-4 Sep 2021	1	<ul> <li>Precast 100mm Air Valve or M.H. Chamber</li> <li>Mark C38; revise from galvanized to SS304L Sch 40.</li> <li>Mark C66; revise from heavy duty brass to SS304L Sch 40.</li> <li>Mark T2; revise from gate valve to ball valve, SS body, Teflon seat. Revise from City to Contractor to supply.</li> <li>Mark C61; insert 304SS.</li> <li>Mark T3; Revise from City to Contractor to supply.</li> </ul>
T-1110.07-5 Apr 2017	0	T-1110.07-5 Sep 2021	1	<ul> <li>Precast 100mm Air Valve and M.H.</li> <li>Chamber</li> <li>Mark T2; revise from brass body to stainless steel body. Revise from City to Contractor to supply.</li> <li>Mark C38; revise from brass to SS304L Sch 40.</li> <li>Mark C61; insert SS for bolts &amp; nuts</li> <li>Mark C66; revise from heavy duty brass to SS304L Sch 40.</li> </ul>
T-1110.07-6 Apr 2017	0	T-1110.07-6 Sep 2021	1	<ul> <li>Precast 300mm Drain Valve and M.H. Chamber</li> <li>Mark C66; revise from heavy duty brass to SS304L Sch 40.</li> <li>Mark C37; revise from bronze gate valve to stainless steel ball valve.</li> <li>Mark T10; revise from City to Contractor to supply AWWA C509 gate valve.</li> <li>Mark C50; revise from brass to SS.</li> </ul>

Superseded/C (Remov		Revised/l (Inser		Drawings for Sewers and Watermains
T-1110.08-1 Apr 2017	0	T-1110.08-1 Sep 2021	1	<ul> <li>750 mm Horizontal Butterfly Valve Chamber (Position A)</li> <li>Mark T2; revise from brass body to stainless steel body. Revise from City to Contractor to supply.</li> <li>Mark T28; add AWWA C504.</li> <li>Mark C38; revise from galvanized to SS304L Sch 40.</li> <li>Mark C66; revise from heavy duty brass to SS304L Sch 40.</li> <li>Mark 55; revise from drawing 410 and 411 to 3000-2005-1 Rectangular Frame and Cover.</li> </ul>
T-1110.08-2 Apr 2017	0	T-1110.08-2 Sep 2021	1	<ul> <li>750 mm Horizontal Butterfly Valve Chamber (Position B)</li> <li>Mark T2; revise from brass body to stainless steel body. Revise from City to Contractor to supply.</li> <li>Mark T28; add AWWA C504.</li> <li>Mark C38; revise from galvanized to SS304L Sch 40.</li> <li>Mark C66; revise from heavy duty brass to SS304L Sch 40.</li> <li>Mark 55; revise from drawing 410 and 411 to 3000-2005-1 Rectangular Frame and Cover.</li> </ul>
T-1110.09-1 Apr 2017	0	T-1110.09-1 Sep 2021	1	<ul> <li>900 mm Horizontal Butterfly Valve Chamber (Position A)</li> <li>Mark T2; revise from brass body to stainless steel body. Revise from City to Contractor to supply.</li> <li>Mark T3; revise to Venomat RBX Style Air Valve (FLG).</li> <li>Mark T28; add AWWA C504.</li> <li>Mark C38; revise from brass to SS304L Sch 40.</li> <li>Mark C66; revise from heavy duty brass to SS304L Sch 40.</li> </ul>
T-1110.09-2 Apr 2017	0	T-1110.09-2 Sep 2021	1	<ul> <li>900 mm Horizontal Butterfly Valve Chamber (Position B)</li> <li>Mark T2; revise from brass body to stainless steel body. Revise from City to Contractor to supply.</li> <li>Mark T3; revise to Venomat RBX Style Air Valve (FLG).</li> <li>Mark T28; add AWWA C504.</li> <li>Mark C38; revise from galvanized to SS304L Sch 40.</li> <li>Mark C66; revise from heavy duty brass to SS304L Sch 40.</li> <li>Mark 55; revise from drawing 410 and 411 to 3000-2005-1 Rectangular Frame and Cover.</li> </ul>

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T-1110.10-1 Apr 2017	0	T-1110.10-1 Sep 2021	1	<ul> <li>1050 mm Horizontal Butterfly Valve Chamber (Position A)</li> <li>Mark T2; revise from brass body to stainless steel body. Revise from City to Contractor to supply.</li> <li>Mark T3; revise to Venomat RBX Style Air Valve (FLG).</li> <li>Mark T5; add AWWA C504.</li> <li>Mark T28; add AWWA C504.</li> <li>Mark C38; revise from galvanized to SS304L Sch 40.</li> <li>Mark C66; revise from heavy duty brass to SS304L Sch 40.</li> <li>Mark 55; revise from drawing 410 and 411 to 3000-2005-1 Rectangular Frame and Cover.</li> </ul>
T-1110.10-2 Apr 2017	0	T-1110.10-2 Sep 2021	1	<ul> <li>1050 mm Horizontal Butterfly Valve Chamber (Position B)</li> <li>Mark T2; revise from brass body to stainless steel body. Revise from City to Contractor to supply.</li> <li>Mark T3; revise to Venomat RBX Style Air Valve (FLG).</li> <li>Mark T5; add AWWA C509.</li> <li>Mark T28; add AWWA C504.</li> <li>Mark C38; revise from galvanized to SS304L Sch 40.</li> <li>Mark C66; revise from heavy duty brass to SS304L Sch 40.</li> <li>Mark 55; revise from drawing 410 and 411 to 3000-2005-1 Rectangular Frame and Cover.</li> </ul>
T-1110.11-1 Apr 2017	0	T-1110.11-1 Sep 2021	1	<ul> <li>1200 mm Horizontal Butterfly Valve Chamber (Position A)</li> <li>Mark T29; Revise from City to Contractor to supply.</li> <li>Mark C2; revise to SS body/Ball TEFLON Seat.</li> <li>Mark C38; revise from brass to SS304L Sch 40.</li> <li>Mark C66; revise from extra strong brass to SS304L Sch 40.</li> </ul>
T-1110.11-2 Apr 2017	0	T-1110.11-2 Sep 2021	1	<ul> <li>1200 mm Horizontal Butterfly Valve Chamber (Position B)</li> <li>Mark T29; Revise from City to Contractor to supply.</li> <li>Mark C2; revise to SS body/Ball TEFLON Seat.</li> <li>Mark C38; revise from brass to SS304L Sch 40.</li> <li>Mark C66; revise from extra strong brass to SS304L Sch 40.</li> </ul>

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T-1110.12-1 Apr 2017	0	T-1110.12-1 Sep 2021	1	<ul> <li>1350 mm Horizontal Butterfly Valve Chamber (Position A)</li> <li>Mark T29; Revise from City to Contractor to supply.</li> <li>Mark C2; revise to SS body/Ball TEFLON Seat.</li> <li>Mark C38; revise from brass to SS304L Sch 40.</li> <li>Mark C66; revise from extra strong brass to SS304L Sch 40.</li> </ul>
T-1110.12-2 Apr 2017	0	T-1110.12-2 Sep 2021	1	<ul> <li>1350 mm Horizontal Butterfly Valve Chamber (Position B)</li> <li>Mark T29; Revise from City to Contractor to supply.</li> <li>Mark C2; revise to SS body/Ball TEFLON Seat.</li> <li>Mark C38; revise from brass to SS304L Sch 40.</li> <li>Mark C66; revise from extra strong brass to SS304L Sch 40.</li> </ul>
		3000-2005-1 2005	0	Standard 225mm Frame, 3 – Piece Chamber Cover • New drawing.
T-1120.06-1 Sep 2019	0	T-1120.06-1 Sep 2021	1	<ul> <li>Anchoring Method for Maintenance Hole</li> <li>Extend 13 mm stainless steel rod into maintenance hole tapered section.</li> </ul>
T-1120.06-2 Sep 2019	0	T-1120.06-2 Sep 2021	1	<ul> <li>Circular 745 mm Cover and Frame for Maintenance Hole</li> <li>Revise title of drawing</li> <li>Revise Cover Plan, Section A-A, Section B-B.</li> <li>Delete inflow reduction dish from standard.</li> <li>New notes 1 to 5.</li> </ul>
T-1120.06-3 Sep 2019	0	T-1120.06-3 Sep 2021	1	Maintenance Hole Waterproofing Membrane  Revise maintenance hole cover from OPSD 401.030 to 745 mm watertight frame and cover T-1120.06-2.  Revise reference to riser drawing from T- 6001-3 to T-1120.06-1.

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