

Superseded/Cancelled (Remove)		Revised/New (Insert)		Drawings for Sewers and Watermains
T No.	Revision	T No.	Revision	Remarks
All T drawings				<p>New title block for each drawing is now standardized.</p> <p>Revision numbers now added to title block as follows:</p> <ul style="list-style-type: none"> • Revision No. 0 means original release. • Revision No. 1 means first revision. • Revision No. 2 means second revision <p>Revision No. 3 means third revision and so on.</p> <p>Note to users: If only the title block changed, the previous version will not be stored in the on-line archives.</p> <p>Adopted OPSD List (W4) no longer maintained. Removed from web page.</p>
T-701.010 Mar 2008	1	T-701.10 Apr 2013	2	<p>Precast Maintenance Hole 1200 mm Diameter Note 2 revised from 200 mm to 20 mm New title block.</p>
T-701.011 Mar 2008	1	T-701.011 Apr 2013	2	<p>Precast Maintenance Hole 1500 mm Diameter Note 2 revised from 200 mm to 20 mm. New title block.</p>
T-701.011-1 Jun 2001	0	T-701.011-1 Apr 2013	1	<p>Semi-Precast Manhole, 825 mm to 1500 mm Dia. Pipe Maximum Depth 8m New title block.</p>
T-701.012-1 Mar 2008	1	T-701.012-1 Apr 2013	2	<p>Precast Maintenance Hole 1800 mm Diameter Note 2 revised from 200 mm to 20 mm. New title block.</p>
T-701.013 Mar 2008	1	T-701.013 Apr 2013	2	<p>Precast Maintenance Hole 2400 mm Diameter Note 2 revised from 200 mm to 20 mm. New title block.</p>
T-701.013-1 Jun 2001	0	T-701.013-1 Apr 2013	1	<p>Typical Dual Maintenance Hole With Inverts Level Minimum Storm Size 750 mm Diameter New title block.</p>
T-701.013-2 Jun 2001	0	T-701.013-2 Apr 2013	1	<p>Typical Dual Maintenance Hole Maximum Storm Size 675mm Diameter (Straight Runs Only) New title block.</p>

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T-701.013-3 Jun 2001	0	T-701.013-3 Apr 2013	1	Typical Dual Maintenance Hole With Precast Stack (Straight Runs Only) New title block.
T-701.015-1 Jun 2001	0	T-701.015-1 Apr 2013	1	Concrete Maintenance Hole Over Stack New title block.
T-701.015-2 Jun 2001	0	T-701.015-2 Apr 2013	1	Precast Concrete Maintenance Hole Over Stack New title block.
T-701.021 Nov 2010	1	T-701.021 Apr 2013	2	Maintenance Hole Benching Details and Pipe Opening Alternatives Table revised for 1200 mm MH size. Title of drawing renamed. New title block.
T-701.022 Jun 2001	0	T-701.022 Apr 2013	1	Dual System Benching Details New title block.
T-702.040 Jun 2001	0	T-702.040 Apr 2013	1	Precast Concrete Ditch Inlet Maintenance Hole – Type A – 1200mm X 1200mm, Depth – 3.6m Max New title block.
T-702.050 Jun 2001	0	T-702.050 Apr 2013	1	Precast Concrete Ditch Inlet Maintenance Hole – Type B – 1200mm X 1200mm, Depth – 3.6m Max New title block.
T-704.010-1 Jun 2001	0	T-704.010-1 Apr 2013	1	Maintenance Hole Adjustment Options A and B New title block.
T-705.010 Jun 2001	0	T-705.010 Apr 2013	1	Precast Catch Basin With Sump New title block.
T-705.010-1 Jun 2001	0	T-705.010-1 Apr 2013	1	Precast Catch Basin Without Sump New title block.
T-705.010-2 Jun 2001	0	T-705.010-2 Apr 2013	1	Cast in Place Catch Basin With Sump New title block.
T-705.010-3 Jun 2001	0	T-705.010-3 Apr 2013	1	Cast in Place Catch Basin Without Sump New title block.
T-705.010-4 Jun 2001	0	T-705.010-4 Apr 2013	1	Cast In Place Catch Basin With Sump – Double Top New title block.
T-705.010-5 Jun 2001	0	T-705.010-5 Apr 2013	1	Infiltration Trench with Catch Basin To Drain Laneways New title block.
T-705.020 Jun 2001	0	T-705.020 Apr 2013	1	Precast Double Catch Basin With Sump New title block.
T-705.020-1 Jun 2001	0	T-705.020-1 Apr 2013	1	Cast in Place Double Catch Basin Without Sump New title block.
T-705.020-3 Jun 2001	0	T-705.020-3 Apr 2013	1	Perforated Dual Chamber Catch Basin New title block.
T-705.040 Nov 2010	1	T-705.040 Apr 2013	2	Precast Concrete Catch Basin Ditch Inlets 600mm x 1200mm x Depth 4.0m Max New title block.

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T-705.040-1 Jun 2001	0	T-705.040-1 Apr 2013	1	Precast Concrete Catch Basin Ditch Inlet 600mm x 600mm x Depth 4.0m Max New title block.
T-708.01 Jun 2001	0	T-708.01 Apr 2013	1	Drain and Sewer Connections for Concrete Pipe for Sewers 600mm Diameter or Smaller New title block.
T-708.01-1 Jun 2001	0	T-708.01-1 Apr 2013	1	Detail of Stack for Catch Basin Connections and for Maintenance Holes – Shown on Dwg. Nos. T-701.015-1 and T- 701.015-2 New title block.
T-708.01-2 Jun 2001	0	----	--	Sewer Cleanout and Riser Detail where Length of Sewer Connections within Road Allowance Exceeds 20m (Proposed Sewers) Drawing removed. See T-708.01-5 and T- 708.01-6 for sewer cleanout standard drawings.
T-708.01-3 Jun 2001	0	T-708.01-3 Apr 2013	1	Typical Methods of Supporting House Connections and Catch Basin Leads New title block.
T-708.01-4 Jun 2001	0	T-708.01-4 Apr 2013	1	Insulation Details for Water Main and Service Connections Note 2 rewritten. New note 3. New title block.
----	--	T-708.01-5 Apr 2013	0	Sanitary Sewer Cleanout Option 'A' 100 mm Surface Cleanout New drawing.
----	--	T-708.01-6 Apr 2013	0	Sanitary Sewer Cleanout Option 'B' 100 mm Surface Cleanout New drawing.
T-708.020 Nov 2009	1	T-708.020 Apr 2013	2	Connection Detail for Pipe at Catch Basin or Maintenance Hole New title block.
T-708.03 Jun 2001	0	T-708.03 Apr 2013	1	Catchbasin Connection – Flexible Pipe Sewer Title revised New title block.
T-710.010-1 Jun 2001	0	T-710.010-1 Apr 2013	1	Detail of Clean-Out Stopper New title block.
T-802.032-1 Nov 2010	1	T-802.032-1 Apr 2013	2	Concrete Bedding Details for Concrete Pipes New title block.
T-804.04 Jun 2001	0	T-804.04 Apr 2013	1	Concrete Headwall for Sewer or Culvert Pipe New title block.
T-810.01-1 Jun 2001	0	T-810.01-1 Apr 2013	1	Rip-Rap Headwall for 450mm Dia. Pipes and Smaller New title block.

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T-1003.01 Jun 2001	0	T-1003.01 Apr 2013	1	Drop Structures for Maintenance Holes New title block.
T-1003.01-1 Jun 2001	0	T-1003.01-1 Apr 2013	1	Special Drop Chamber – To Be Used Where Flow Overshoots Standard Drop Connection New title block.
T-1003.01-2 Jun 2001	0	T-1003.01-2 Apr 2013	1	Internal Drop Pipe for Maintenance Holes New title block.
T-1006.01-1 Jan 2004	0	T-1006.01-1 Apr 2013	1	Typical Connection to City Trunk Sewer 675 mm I.D. or Larger from Concrete to Concrete New title block.
T-1007.01 Jun 2001	0	T-1007.01 Apr 2013	1	Typical Details for Supporting Services and Mains up to 300 mm New title block.
T-1007.01-1 Jun 2001	0	T-1007.01-1 Apr 2013	1	Typical Details for Supporting Services and Mains up to 300 mm - Encountered in Trenches Backfilled with Unshrinkable Fill New title block.
T-1007.01-2 Jun 2001	0	T-1007.01-2 Apr 2013	1	Typical Detail for Supporting Water Pipe – 300 mm Diameter and Smaller New title block.
T-1007.01-3 Jun 2001	0	T-1007.01-3 Apr 2013	1	Typical Detail for Supporting Water Pipe 32 mm and Smaller New title block.
T-1007.01-4 Jun 2001	0	T-1007.01-4 Apr 2013	1	Detail for Supporting Water and Sewer Pipe Larger Than 300 mm Diameter Over New Watermain or Sewer New title block.
T-1007.01-7 Jun 2001	0	T-1007.01-7 Apr 2013	1	Detail of Crossing Of New Sewer Over/Under Existing Sewer New title block.
T-1007.01-8 Jun 2001	0	T-1007.01-8 Apr 2013	1	Guideline Method of Support for 75mm to 300 mm Water Mains for use when Sheeting and Shoring is Left in Place New title block.
T-1007.01-9 Jun 2001	0	T-1007.01-9 Apr 2013	1	Guideline Method of Support for 75mm to 300 mm Water Mains for use when Sheeting and Shoring is Withdrawn New title block.
T-1007.01-10 Jun 2001	0	T-1007.01-10 Apr 2013	1	Guideline Method of Support for 75mm to 300 mm Water Mains for use when Trench is 'V' Cut New title block.
T-1100.010-2 Jun 2001	0	T-1100.010-2 Apr 2013	1	Hooked Anchor Rods and Precast Valve Chamber Base New title block.
T-1100.010-3 Jun 2001	0	T-1100.010-3 Apr 2013	1	Installation Details of Valve Tie Downs New title block.
T-1100.010-4 May 2003	0	T-1100.010-4 Apr 2013	1	Valve Operating Nut New title block.

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T-1101.010 Jun 2001	0	T-1101.010 Apr 2013	1	Circular Precast Valve Chamber – 400 mm Diameter Watermains and smaller New title block.
T-1101.02-2 Jun 2007	1	T-1101.02-2 Apr 2013	2	Watermain Valve In Box and Service Valve In Box Detail New title block.
T-1101.02-3 Jun 2001	0	T-1101.02-3 Apr 2013	1	Service Box in Sidewalk Domestic 19 mm and 25 mm Services New title block.
T-1101.030-1 Jun 2001	0	T-1101.030-1 Apr 2013	1	Precast Butterfly Valve Chamber 400mm Diameter Watermains and Smaller New title block.
T-1101.030-2 Jun 2001	0	T-1101.030-2 Apr 2013	1	Tapping Sleeve and Valve in Chamber 400mm Diameter Watermains and Smaller New title block.
T-1101.030-3 Jun 2001	0	T-1101.030-3 Apr 2013	1	Circular Precast Chamber 25mm Air Release Valve New title block.
T-1101.030-4 Jun 2001	0	T-1101.030-4 Apr 2013	1	25mm Air Valve Assembly New title block.
T-1101.030-5 Jun 2001	0	T-1101.030-5 Apr 2013	1	Valve Settings for Concrete Pressure Pipe For 350 mm to 600 mm Diameter Watermain New title block.
T-1102.01-1 Jun 2001	0	T-1102.01-1 Apr 2013	1	Sump and Drain Details For 300 mm, 400 mm and 500 mm Gate Valve and Butterfly Valve Chambers New title block.
T-1102.01-2 Jun 2001	0	T-1102.01-2 Apr 2013	1	Sump and Drain Details For 600 mm Diameter and Over Gate Valve and Butterfly Valve Chambers New title block.
T-1102.01-3 Jun 2001	0	T-1102.01-3 Apr 2013	1	Sump and Drain Details for Poured In Place Chambers 1200 mm Diameter Watermains and Smaller New title block.
T-1102.01-4 Jun 2001	0	T-1102.01-4 Apr 2013	1	Sump and Drain Details for Precast Chambers New title block.
T-1102.01-5 Jun 2001	0	T-1102.01-5 Apr 2013	1	Sump and Drain Details for Precast Chambers 1200 mm Diameter Watermains and Smaller New title block.
T-1102.01-6 Jun 2001	0	T-1102.01-6 Apr 2013	1	Sump Frame and Grating Details New title block.
T-1102.01-7 Jun 2001	0	T-1102.01-7 Apr 2013	1	Sump and Drain Details for Poured In Place Chambers New title block.
T-1103.01 Jun 2001	0	T-1103.01 Apr 2013	1	Concrete Thrust Blocks for Tees, Plugs and Horizontal Bends New title block.

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T-1103.020 Jan 2004	0	T-1103.020 Apr 2013	1	Concrete Thrust Blocks for Vertical Bends New title block.
T-1103.020-2 Jun 2001	0	T-1103.020-2 Apr 2013	1	Thrust Blocks Special Applications New title block.
T-1103.020-3 Jun 2001	0	T-1103.020-3 Apr 2013	1	Concrete Anchor Block Details For Welded Steel Watermain Pipe For All Angles 22° 30' and Over New title block.
T-1103.020-4 Jun 2001	0	T-1103.020-4 Apr 2013	1	Concrete Casing For All Angles 22° 30' and Over For Welded Steel Watermain Pipe New title block.
T-1104.01 Nov 2010	1	T-1104.01 Apr 2013	2	Standard Water Service Connection Details 19 mm and 25 mm Diameter Sizes New title block.
T-1104.02-1 Mar 2008	0	T-1104.02-1 Apr 2013	1	Standard Water Service Connection Details 32 mm, 38 mm and 50 mm Diameter Sizes New note 5. New title block.
(T-1104.02-2) Mar 2008	0	----	--	Tapping Sleeve and Valve, Connection Details Drawing removed as this installation configuration no longer practiced.
----	--	T-1104.02-3 Apr 2013	0	Combine Fire and Domestic Water Connection New drawing.
T-1104.03 Nov 2010	0	T-1104.03 Apr 2013	1	25 mm Blow-Off Assembly Detail New title block.
T-1104.03-1 Jun 2001	0	T-1104.03-1 Apr 2013	1	Detail of Temporary 50 mm Dia. Blowoff and Assembly New title block.
T-1104.03-2 Jun 2001	0	T-1104.03-2 Apr 2013	1	Detail of Temporary Isolating Valve and Sampling Cocks New title block.
T-1104.03-3 Nov 2009	0	T-1104.03-3 Apr 2013	1	Temporary Supply and Disinfection Connection New title block.
T-1105.01 Jun 2001	0	T-1105.01 Apr 2013	1	Hydrant Set with Mechanically Restrained Joints Anchor tee is now standard for all new fire hydrant installations. Tracer wire added. Drawing title renamed. New title block.
T-1105.02-1 Nov 2009	2	T-1105.02-1 Apr 2013	3	Standard Service Connection – 1 Note 3 revised. Additional labelling added to drawing. New title block.

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T-1105.02-2 Nov 2009	2	T-1105.02-2 Apr 2013	3	Standard Service Connection – 2 Note no. 3 revised. Additional labelling added to drawing. New title block.
T-1106.02 May 2006	1	T-1106.02 Apr 2013	2	Thermite Welding of Metallic Watermains New title block.
T-1106.03-1 (1 of 2) Jan 2008	1	T-1106.03-1 Apr 2013	2	Electrical Bonding of Iron Water Mains New title block.
T-1106.03-2 (2 of 2) Jan 2008	1	T-1106.03-2 Apr 2013	2	Electrical Bonding of Iron Water Mains New title block.
T-1106.04 Jan 2008	1	T-1106.04 Apr 2013	2	Cathodic Protection for Valves not in Chamber Iron Fittings, Hydrant and Service Connection on Non-Metallic Mains Magnesium anodes changed to zinc anodes. New title block.
T-1106.05 May 2006	1	T-1106.05 Apr 2013	2	Cathodic Protection for New Ductile Iron Water Main Construction New title block.
T-1106.06 Nov 2010	1	T-1106.06 Apr 2013	2	Cathodic Protection on Short Sections of Ductile Iron Watermains Note 2 removed. Conductivity straps, screws and wedges not allowed. New title block.
T-1106.07 May 2006	2	T-1106.07 Apr 2013	3	Test Station for Cathodic Protection of Ductile Iron Watermains New title block.
T-1106.08 May 2006	0	T-1106.08 Apr 2013	1	Test Station with Cathodic Protection Monitoring Probe for New or Existing Iron Water Mains New title block.
T-1107.01-1 Feb 2006	1	T-1107.01-1 Apr 2013	2	Piping Layout for Meter Chamber up to 50mm Private Water Service Pipe New note 9 inserted. New title block.
T-1107.02-1 Feb 2006	1	T-1107.02-1 Apr 2013	2	Piping Layout for Compound Water Meter 75mm to 300mm in Chambers Removed turbine from title and created new drawing T-1107.02-3 for turbine water meters. New note 9 inserted. New title block.
T-1107.02-2 Nov 2006	0	T-1107.02-2 Apr 2013	1	Piping Layout for Electromagnetic Water Meter 75mm to 300mm in Chambers Test tee size in table reduced to 75 mm for all diameters New note 11 and 19 inserted. New title block.
----	--	T-1107.02-3 Apr 2013	0	Piping Layout for Turbine Water Meter 75mm to 300mm in Chambers New drawing.

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T-1107.03-1 Aug 2007	2	T-1107.03-1 Apr 2013	3	Installation Details for Compound, Turbine or Electromagnetic Type Water Meter in Buildings Drain port tee renamed to test tee. Test tee size reduced to 75 mm for all diameters. New note 11 and 19 inserted. New title block.
T-1107.04-1 Aug 2007	2	T-1107.04-1 Apr 2013	3	Installation Details for 37mm and 50mm Positive Displacement Water Meter in All Buildings New title block. New note 9 inserted.
T-1107.04-2 Feb 2006	1	T-1107.04-2 Apr 2013	2	Installation Details for 16mm to 25 mm Positive Displacement Water Meter in Single Family Residential Buildings Stop and waste valve to also include full bore valve along with gate valve. New note 17 added. New title block.
T-1107.04-3 Aug 2007	1	T-1107.04-3 Apr 2013	2	Detail of Connections with Cross or Tee for Watermains New title block.
T-1107.04-4 Jun 2001	0	T-1107.04-4 Apr 2013	1	150 mm Diameter Branch Connection New title block.
T-1107.04-5 Jun 2001	0	T-1107.04-5 Apr 2013	1	Service Connection Branch Diameter Larger Than Watermain New title block.
T-1107.04-6 Aug 2007	1	T-1107.04-6 Apr 2013	2	Installation Details for 16mm to 25mm Positive Displacement Water Meter in All Buildings other than Single Family Residential Buildings New note 9 inserted. New note 19. New title block.
T-1107.05 Dec 2009	0	T-1107.05 Apr 2013	1	Typical 150mm Watermain on Cul-de-sac New title block.
T-1108.01-1 Nov 2010	2	T-1108.01-1 Apr 2013	3	Water Meter Chamber for 75mm or Greater Private Water Service Pipe Column 'A' updated for minimum interior dimensions. Mounting plate dimension increased from 150 to 200 mm. New title block.
T-1108.01-2 Feb 2006	1	T-1108.01-2 Apr 2013	2	Circular Precast Meter Chamber for up to 50mm Private Water Service Pipe New title block.
----	--	T-1108.01-3 Apr 2013	0	Double Check Detector Chamber New drawing.