



Standard Drawings for Potable and Recycled Water Facilities

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DRAWING NUMBER	APPROVAL DATE	DRAWING DESCRIPTION
WA		
AIR AND VACUUM VALVE DETAILS		
WA-01	11/03/2006	50mm (2") Manual Air Valve
WA-02	11/03/2006	50mm (2") Automatic Combination Air Release and Air/Vacuum Valve Installations
WA-03	11/03/2006	50mm (2") Air and Vacuum Valve Enclosure Locations
WA-04	09/28/2009	100mm (4") Automatic Combination Air Release and Air/Vacuum Valve Installations
WA-05	09/28/2009	150mm (6") Automatic Combination Air Release and Air/Vacuum Valve Installations
WA-06	09/28/2009	100mm & 150mm (4" & 6") Air and Vacuum Valve Enclosure Locations
WB		
BLOWOFF DETAILS		
WB-01	12/31/2003	50mm (2") Blowoff Installation
WB-02	11/03/2006	100mm (4") Blowoff Installation
WB-03	11/03/2006	150mm (6") Blowoff Installation
WB-04	03/01/2001	Blowoff Installation from End of Mains and from Steel Mains
WB-05	12/31/2004	Temporary End Cap and 50mm (2") Blowoff installation
WC		
CATHODIC PROTECTION DETAILS		
WC-01	03/01/2001	Exothermic Weld Detail
WC-02	03/01/2001	Rubber-Ring Joint Bonding Detail for Metallic Pipelines
WC-03	03/01/2001	Buried Mechanical Joint Bonding Detail for Metallic Pipelines
WC-04	03/01/2001	Above Ground Insulating Flange
WC-05	03/01/2001	Buried Insulating Flange Detail
WC-06	07/30/2007	Buried Insulating Flange Test Station Wiring Diagram
WC-07	07/30/2007	Buried Insulated Valve Detail
WC-08		"Not Used"
WC-09	03/01/2001	Two Wire Test Station
WC-10	03/01/2001	Casing Test Station
WC-11	09/28/2009	Single Anode Installation Detail
WC-12	09/28/2009	Prepackaged Magnesium Anode Detail
WC-13	07/30/2007	Single Anode Test Station Wiring Diagram
WC-14	07/30/2007	Cathodic Test Station Box
WC-15	03/01/2001	Reference Electrode Installation Detail
WC-16	03/01/2001	Prepackaged Reference Electrode Detail
WC-17	12/31/2003	New Installation of Sacrificial Anodes for Copper Tubing
WC-18	12/31/2003	Retrofit Installation of Sacrificial Anodes for Copper Tubing
WF		
FIRE HYDRANT AND FIRE SERVICE DETAILS		
WF-01	11/01/2002	150mm (6") Fire Hydrant Installation
WF-02	07/30/2007	150mm (6") Fire Hydrant Installation with Break-Off Check Valve
WF-03	09/03/2001	High Pressure Dry Barrel Fire Hydrant Installation
WF-04	09/12/2008	Fire Hydrant Locations and Port Orientation
WF-05	09/12/2008	100mm (4") and Larger Fire Service Installation (1 of 2)
WF-05	09/12/2008	100mm (4") and Larger Fire Service Installation Notes (2 of 2)



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DRAWING NUMBER	APPROVAL DATE	DRAWING DESCRIPTION
WI		
GENERAL WATER INFORMATION DETAILS		
WI-01	03/01/2001	Water, Recycled Water and Sewer Main Parallel Separations
WI-02	12/31/2003	Water, Recycled Water and Sewer Main Perpendicular Separations
WI-03	03/01/2001	Water, Recycled Water and Sewer Main Parallel and Perpendicular Separation Notes
WI-04	03/01/2001	Post Meter Constant Pressure Recycled Water Line 75mm (3") Diameter or Less Crossing Potable Water Main or Lateral within Public Right of Way
WI-05	09/03/2001	Allowable Leakage Chart for Testing of Pipes with Rubber Joints
WI-06	12/31/2004	Standard Symbols for Potable and Recycled Water Construction Drawings (1 of 4)
WI-06	11/03/2006	Standard Symbols for Potable and Recycled Water Construction Drawings (2 of 4)
WI-06	12/31/2004	Standard Symbols for Potable and Recycled Water Construction Drawings (3 of 4)
WI-06	12/31/2004	Standard Symbols for Potable and Recycled Water Construction Drawings (4 of 4)
WM		
MISCELLANEOUS WATER DETAILS		
WM-01	11/03/2006	Water Test Station Installation
WM-02	11/03/2006	Water Test Station Enclosure Locations
WM-03	09/12/2008	Retaining Wall for Fire Hydrants and Water and Recycled Water Appurtenances (1 of 2)
WM-03	09/12/2008	Retaining Wall for Fire Hydrants and Water and Recycled Water Appurtenances (2 of 2)
WM-04	12/31/2004	Protection Post Installation
WM-05	12/31/2004	Demountable Protection Post Installation
WM-06	12/31/2004	Easement/Utility Marker Post Installation
WM-07	03/01/2001	Replacement of Sewer Lateral Crossings
WM-08	11/16/2007	Recycled Water "Do Not Drink" Sign
WP		
PIPELINE DETAILS		
WP-01	12/31/2004	Warning/Identification Tape and Tracer Wire Installations
WP-02	07/30/2007	Pipe Bedding and Trench Backfill for Potable and Recycled Water
WP-03	03/01/2001	Cutting and Plugging Abandoned Water, Recycled Water and Sewer Mains
WP-04	03/01/2001	Pipe Casing Installation
WP-05	07/30/2007	Slope Protection Installations
WP-06	03/01/2001	Pipe Protection Pad Installations
WP-07	03/01/2001	Cut - Off Wall Installation in Traveled Areas
WP-08	09/03/2001	Pipe Encasement for Existing Water Main at Utility Undercuts
WP-09	11/01/2002	Pipe Support for Undercut Sewer Mains
WR		
BACKFLOW PREVENTION DETAILS		
WR-01	02/01/2008	19mm through 50mm (3/4" through 2") Reduced Pressure Backflow Prevention Device
WR-02	02/01/2008	75mm (3") and Larger Reduced Pressure Backflow Prevention Device
WR-03	11/16/2007	25mm and 50mm (1" and 2") Recycled Water Irrigation Check Valve Installation
WR-04	11/03/2006	Recycled Water Irrigation Cross Connection Test Station
WR-05	03/01/2001	Temporary Potable Water to Recycled Water Inter-Connection
WR-06	09/12/2008	75mm (3") or Larger Recycled Water Irrigation Wye Strainer & Check Valve (1 of 2)
WR-06	09/12/2008	75mm (3") or Larger Recycled Water Irrigation Wye Strainer & Check Valve (2 of 2)
WR-07	09/12/2008	75mm (3") or Larger Recycled Water Irrigation Cross Connection Test Station (1 of 2)
WR-07	09/12/2008	75mm (3") or Larger Recycled Water Irrigation Cross Connection Test Station (2 of 2)



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DRAWING NUMBER	APPROVAL DATE	DRAWING DESCRIPTION
WS		
WATER SERVICE LATERAL DETAILS		
WS-01	03/01/2001	25mm (1") Water Service Installation
WS-02	12/31/2003	50mm (2") Water Service Installation
WS-03	12/31/2003	Meter Box Locations for Water and Recycled Water Appurtenances
WS-04	03/01/2001	100mm (4") or 150mm (6") Fireline/Master Meter Installation (1 of 2)
WS-04	11/03/2006	100mm (4") or 150mm (6") Fireline/Master Meter Installation (2 of 2)
WS-05	11/03/2006	100mm (4") or 150mm (6") Meter Installation (1 of 2)
WS-05	11/03/2006	100mm (4") or 150mm (6") Meter Installation (2 of 2)
WS-06	03/01/2001	Vault Locations for 100mm (4") and Larger Water Services
WS-07	03/01/2001	Existing Water Service Assembly Reconnection
WS-08	03/01/2001	Existing Water Service Abandonment
WS-09	11/16/2007	25mm (1") Duel Domestic/Fire Water Service Installation
WT		
THRUST AND ANCHOR BLOCKS AND PIPE RESTRAINT DETAILS		
WT-01	11/16/2007	Concrete Thrust and Anchor Block Installations (1 of 3)
WT-01	11/16/2007	Concrete Thrust and Anchor Block Installations (2 of 3)
WT-01	11/01/2002	Concrete Thrust and Anchor Block Installations (3 of 3)
WT-02	11/16/2007	Valve Support Blocks
WV		
VALVE DETAILS		
WV-01	12/31/2003	Gate Well Installation, Type 1 for Valves 100mm (4") and Larger
WV-02	11/01/2002	Gate Well Installation, Type 2 for Valves 100mm (4") and Larger
WV-03	11/16/2007	Gate Well Identification
WV-04	03/01/2001	Steel Valve Stem Extension for Valves 100mm (4") and Larger
WV-05	07/30/2007	Steel Valve Stem Extension for Valves 50mm (2") and Smaller