

2023 WATER DETAILS

Standard Detail No. (2022)	Standard Detail No. (2023)	Standard Detail Title (2022)	Standard Detail Title (2023)	Effective Date
02082-10	02082-10	Standard LDWL Access Manhole Details	Standard LDWL Access Manhole Details	7/1/2021
02082-11	02082-11	Standard LDWL SAF-T-Climb Details for Extra Depth Manhole	Standard LDWL SAF-T-Climb Details for Extra Depth Manhole	3/20/2018
02085-01	02085-01	Standard Plastic Meter Box for 5/8" and 1" Meters	Standard Plastic Meter Box for 5/8" and 1" Meters	7/1/2010
02085-02	02085-02	Location of Water Meter Box for 2" Diameter and Less	Location of Water Meter Box for 2" Diameter and Less	7/1/2010
02085-03	02085-03	Valve Box Detail	Valve Box Detail	7/1/2010
02090-01	02090-01	Sanitary Sewer And Water Manhole Frame and Cover	Sanitary Sewer And Water Manhole Frame and Cover	7/1/2016
02090-12	02090-12	Standard LDWL 48-Inch DIA Heavy Duty Manhole Frame and Cover Detail	Standard LDWL 48-Inch DIA Heavy Duty Manhole Frame and Cover Detail	3/20/2018
02317-04	02317-04	Water Distribution Main Bedding and Backfill for Open Cut Trenches	Water Distribution Main Bedding and Backfill for Open Cut Trenches	7/1/2010
02317-09	02317-09	Standard LDWL Excavation and Backfill Detail	Standard LDWL Excavation and Backfill Detail	7/1/2021
02447-01	02447-01	Bedding and Backfill Auger Pit and Auger Hole	Bedding and Backfill Auger Pit and Auger Hole	7/1/2010
02502-01	02502-01	Standard Pipe Guard	Standard Pipe Guard	7/1/2010
02507-01	02507-01	Standard LDWL Prestressed Concrete Cylinder Pipe Details	Standard LDWL Prestressed Concrete Cylinder Pipe Details	3/20/2018
02511-01	02511-01	Typical Pipe Offset Section for Water Lines	Typical Pipe Offset Section for Water Lines	7/1/2010
02511-02	02511-02	Thrust Block Detail for Water Lines (4-inch to 12-inch)	Thrust Block Detail for Water Lines (4-inch to 12-inch)	7/1/2010
02511-03	02511-03	Standard LDWL Drain Line Valve Details	Standard LDWL Drain Line Valve Details	3/20/2018
02512-01	02512-01	Typical 3/4" Through 2" Service Arrangements	Typical 3/4" Through 2" Service Arrangements	7/1/2016
02512-02	02512-02	Service Taps	Service Taps	7/1/2010
02512-03	02512-03	Back Tap on Existing Line	Back Tap on Existing Line	7/1/2016
02512-04	02512-04	Standard Tap to Existing Steel Main	Standard Tap to Existing Steel Main	7/1/2010
02517-01	02517-01	LDWL Tunnel and Casing Details for Water Lines 24-inch and Larger	LDWL Tunnel and Casing Details for Water Lines 24-inch and Larger	7/1/2021
02518-01	02518-01	Standard LDWL Steel Pipe Details (Sheet 1 of 2)	Standard LDWL Steel Pipe Details (Sheet 1 of 2)	3/20/2018

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02518-02	02518-02	Standard LDWL Steel Pipe Details (Sheet 2 of 2)	Standard LDWL Steel Pipe Details (Sheet 2 of 2)	3/20/2018
02520-01	02520-01	Standard Fire Hydrant Detail	Standard Fire Hydrant Detail	7/1/2021
02522-01	02522-01	Standard LDWL Butterfly Valve and Operator Manhole Details	Standard LDWL Butterfly Valve and Operator Manhole Details	3/20/2018
02523-01	02523-01	Reduced Pressure Backflow Preventer (RPBP)	Reduced Pressure Backflow Preventer (RPBP)	7/1/2010
02524-01	02524-01	Permanent Blow-Off-Detail	Permanent Blow-Off-Detail	7/1/2010
02524-02	02524-02	LDWL Combination Air Valve Assembly in Service Manhole Details	LDWL Combination Air Valve Assembly in Service Manhole Details	3/20/2018
02524-03	02524-03	LDWL Air Valve Assembly in Service Manhole Detail	LDWL Air Valve Assembly in Service Manhole Detail	7/1/2021
02526-01	02526-01	Typical Meter Settings	Typical Meter Settings	7/1/2010
02526-02	02526-02	Typical Piping Arrangement 3" Turbine/Compound Meter Standard Service	Typical Piping Arrangement 3" Turbine/Compound Meter Standard Service	7/1/2010
02526-03	02526-03	Typical Piping Arrangement 4" Turbine/Compound Meter Standard Service	Typical Piping Arrangement 4" Turbine/Compound Meter Standard Service	7/1/2010
02526-04	02526-04	Typical Piping Arrangement 6" Turbine/Compound Meter Standard Service	Typical Piping Arrangement 6" Turbine/Compound Meter Standard Service	7/1/2010
02526-05	02526-05	Typical Piping Arrangement 8" Turbine Meter Standard Service	Typical Piping Arrangement 8" Turbine Meter Standard Service	7/1/2010
02526-06	02526-06	Typical Piping Arrangement 10" Turbine Meter Standard Service	Typical Piping Arrangement 10" Turbine Meter Standard Service	7/1/2010
02526-07	02526-07	Typical Piping Arrangement 4" & 6" Fire Service Turbine Meter Standard Service	Typical Piping Arrangement 4" & 6" Fire Service Turbine Meter Standard Service	7/1/2010
02526-08	02526-08	Typical Piping Arrangement 8" Fire Service Turbine Meter Standard Service	Typical Piping Arrangement 8" Fire Service Turbine Meter Standard Service	7/1/2010
02526-09	02526-09	Typical Piping Arrangement 10" Fire Service Turbine Meter Standard Service	Typical Piping Arrangement 10" Fire Service Turbine Meter Standard Service	7/1/2010
02526-10	02526-10	Typical Service Line and Ariser Piping to Meter Vaults	Typical Service Line and Ariser Piping to Meter Vaults	7/1/2010
02526-11	02526-11	Structural Details Turbine/Compound Meter Standard Service	Structural Details Turbine/Compound Meter Standard Service	7/1/2010
02526-12	02526-12	Structural Details Turbine/Combine Meter Standard Service	Structural Details Turbine/Combine Meter Standard Service	7/1/2010
02526-13	02526-13	Structural Plans Fire Service Meters	Structural Plans Fire Service Meters	7/1/2010
02526-14	02526-14	Schematic Irrigation Tee Off Domestic 3/4" Thru 2"	Schematic Irrigation Tee Off Domestic 3/4" Thru 2"	7/1/2010

2023 WATER DETAILS

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02526-15	02526-15	Schematic Basement Installation Electromagnetic Meter 3" Thru 10"	Schematic Basement Installation Electromagnetic Meter 3" Thru 10"	7/1/2010
02526-16	02526-16	Schematic Above Ground Fire Rated Compound Meter Installation 3" And Larger	Schematic Above Ground Fire Rated Compound Meter Installation 3" And Larger	7/1/2010
02526-17	02526-17	Schematic Above Ground Electromagnetic Meter Installation 3" And Larger	Schematic Above Ground Electromagnetic Meter Installation 3" And Larger	7/1/2010
02613-01	02613-01	Standard LDWL Bar Wrapped Cylinder Pipe Joint Detail	Standard LDWL Bar Wrapped Cylinder Pipe Joint Detail	3/20/2018
15640-01	15640-01	Standard LDWL Cathodic Protection Details for Joint Bonding (Sheet 1 of 2)	Standard LDWL Cathodic Protection Details for Joint Bonding (Sheet 1 of 2)	3/20/2018
15640-02	15640-02	Standard LDWL Cathodic Protection Details for Joint Bonding (Sheet 2 of 2)	Standard LDWL Cathodic Protection Details for Joint Bonding (Sheet 2 of 2)	3/20/2018
15641-01	15641-01	Standard LDWL Cathodic Protection Details for Test Stations (Sheet 1 of 3)	Standard LDWL Cathodic Protection Details for Test Stations (Sheet 1 of 3)	7/1/2021
15641-02	15641-02	Standard LDWL Cathodic Protection Details for Test Stations (Sheet 2 of 3)	Standard LDWL Cathodic Protection Details for Test Stations (Sheet 2 of 3)	7/1/2021
15641-03	15641-03	Standard LDWL Cathodic Protection Details for Test Stations (Sheet 3 of 3)	Standard LDWL Cathodic Protection Details for Test Stations (Sheet 3 of 3)	7/1/2021
16124-01	16124-01	Complete Utility Locating System Sample Plan (Water)	Complete Utility Locating System Sample Plan (Water)	7/1/2021
16124-02	16124-02	Complete Utility Locating System Water Service Detail	Complete Utility Locating System Water Service Detail	7/1/2021
16124-03	16124-03	Complete Utility Locating System Hydrant Detail	Complete Utility Locating System Hydrant Detail	7/1/2021
16640-01	16640-01	Standard LDWL Cathodic Protection Details for Test Stations & Anodes	Standard LDWL Cathodic Protection Details for Test Stations & Anodes	7/1/2021
16640-02	16640-02	Standard LDWL Cathodic Protection Rectifier & Deep Anode Ground Bed Details (Sheet 1 of 2)	Standard LDWL Cathodic Protection Rectifier & Deep Anode Ground Bed Details (Sheet 1 of 2)	3/20/2018
16640-03	16640-03	Standard LDWL Cathodic Protection Rectifier & Deep Anode Ground Bed Details (Sheet 2 of 2)	Standard LDWL Cathodic Protection Rectifier & Deep Anode Ground Bed Details (Sheet 2 of 2)	3/20/2018