

**Water Standard Drawings
Table of Contents
APRIL 2022**

Latest Revision

W-1	Standard Symbols, Abbreviations & Legends	MARCH 2020
W-2	Typical Installation for Water Main Appurtenances.....	MARCH 2020
W-3	¾" and 1" Water Service	OCTOBER 2021
W-3A	¾" Domestic & 1" Fire Water Service	JANUARY 2022
W-4	1½" or 2" Water Service.....	OCTOBER 2021
W-5	3" Water Service	OCTOBER 2021
W-6	3" Water Service Manifold Assembly	OCTOBER 2021
W-7	1 ½" or 2" Fire Service.....	OCTOBER 2021
W-8	4" and Larger Fire Service Installation (sht 1 & 2)	OCTOBER 2021
W-9	2" Blow off Assembly	MARCH 2020
W-10	End of Line 1" Air Vacuum & 2" Blow Off Combinations.....	JANUARY 2022
W-10A	1" Air Vacuum & 2" Blow Off Combinations.....	JANUARY 2022
W-11	4" Blow off Assembly	MAY 2019
W-12	6" Fire Hydrant Assembly	APRIL 2022
W-13	1" Air & Vacuum Release Assembly.....	SEPTEMBER 2020
W-14	2" Air & Vacuum Release Assembly.....	SEPTEMBER 2020
W-15	3" or 4" Combination Air Valve or Air & Vacuum Valve Assemblies	MAY 2019
W-16	Above Ground Enclosure	MARCH 2020
W-17	Standard Pipe Zone and Trench Backfill	MAY 2019
W-18	Typical Connection Details to Steel and AC Pipe	MAY 2019
W-19	Butt Strap Closure	MAY 2019
W-20	Concrete Thrust Blocks	MAY 2019
W-21	Concrete Valve Supports for In Line Valves	MAY 2019
W-22	Not Used	
W-23	Valve Stem Extension Gate Valves 3" or Smaller.....	MAY 2019
W-24	Valve Stem Extension Gate Valves 4" and Larger	MAY 2019
W-25	Valve Well Cap and Can Installation	MARCH 2020

Water Standard Drawings

Table of Contents

APRIL 2022

W-26	Anchor Block Details for In Line Reducers (16" Pipe Max.)	MAY 2019
W-27	Vertical Anchor Block.....	MAY 2019
W-28	Slope Protection for Grades of 30% or Larger.....	MAY 2019
W-29	Standard Cutoff Wall	MAY 2019
W-30	Concrete Encasement Detail for U.G. Electrical, Telephone, and Sewer Tight Lines	MAY 2019
W-31	Guard & Marker Post Installation	MAY 2019
W-32	Utility Marker Post Installation.....	MAY 2019
W-33	Appurtenance Retaining Wall.....	MAY 2019
W-34	Adjustable Pipe Support Detail	MAY 2019
W-35	Water Quality Sampling Station.....	MAY 2019
W-36	Project Information Sign.....	MAY 2019
W-37	Typical Pipe Gate.....	MAY 2019
W-38	Chain Link Fence Details	MAY 2019
W-39	2-Wire Test Station (Paved)	MAY 2019
W-40	2-Wire Test Station (Unpaved).....	MAY 2019
W-41	2 or 4 Wire Test Station	MAY 2019
W-42	At Grade Test Box	MAY 2019
W-43	Buried Insulating Flange.....	MAY 2019
W-44	Buried Insulating Flange At Grade Test Station.....	MAY 2019
W-45	4-Wire Casing Test Station.....	MAY 2019
W-46	Above Grade Insulating Flange.....	MAY 2019
W-47	Mechanical Joint Bond.....	MAY 2019
W-48	CML&C Steel Pipe Joint Bond (Wire Jumper).....	MAY 2019
W-49	DIP Joint Bonding and Test Lead Connections.....	MAY 2019
W-50	Single Anode Installation.....	MAY 2019
W-51	Single Anode Test Station Wiring	MAY 2019
W-52	Prepackaged Magnesium Anode.....	MAY 2019
W-53	Alumino-Thermic Weld.....	MAY 2019