

# STANDARD CONSTRUCTION DRAWINGS AND SPECIFICATIONS

## GENERAL NOTES & SPECIFICATIONS

DRAWING NO.	DESCRIPTION	ISSUE DATE
G-1.0	MINIMUM PLAN SUBMITTAL REQUIREMENTS FOR SITE PLANS	12/13/2023
G-2.0	WATER SERVICE AND FIRELINE NOTES	04/10/2024
G-3.0	REDUCED PRESSURE PRINCIPLE AND DOUBLE CHECK VALVE BACKFLOW PREVENTION ASSEMBLY NOTES	12/13/2023

## BACKFLOW PREVENTION

DRAWING NO.	DESCRIPTION	ISSUE DATE
B-1.0	APPROVED INSTALLATIONS OF BACKFLOW PREVENTION ASSEMBLIES	12/13/2023

## METER SETTINGS

DRAWING NO.	DESCRIPTION	ISSUE DATE
M-1.0	STANDARD METER SETTINGS - NEW 5/8", 3/4", & 1": ELECTROMAGNETIC METERS	12/13/2023
M-2.0	STANDARD MANIFOLD METER SETTING 5/8", 3/4" AND 1" ELECTROMAGNETIC METERS	12/13/2023
M-3.0	STANDARD METER SETTING 1-1/2" AND 2" METERS	12/13/2023
M-4.0	STANDARD LARGE METER INSTALLATION	12/13/2023
M-5.0	STANDARD FIRE AND DOMESTIC MANIFOLD SETTING - CONVENTIONAL INSTALLATION	12/13/2023
M-6.0	STANDARD FIRE AND DOMESTIC MANIFOLD SETTING - STACKED INSTALLATION	12/13/2023
M-7.0	STANDARD FOR 1" CURB METER PIT	12/13/2023
M-8.0	STANDARD FOR 1-1/2" AND 2" METER PIT	12/13/2023
M-9.0	CURB METER PIT WITH REDUCED PRESSURE ZONE BACKFLOW PREVENTOR INSIDE	12/13/2023
M-10.0	METER AND BACKFLOW PREVENTOR ABOVE GROUND HEATED ENCLOSURE	12/13/2023
M-11.0	STANDARD FOR PRECAST METER VAULTS	12/13/2023
M-12.0	METER VAULT ABANDONMENT	12/13/2023

## SERVICE LINES

DRAWING NO.	DESCRIPTION	ISSUE DATE
S-1.0	WATER SERVICE AND HOUSELINE CONNECTIONS WITH RECOMMENDED PIPE SIZES FOR WATER FIXTURES	12/13/2023
S-2.0	WATER SERVICE CONNECTION, 2" OR LESS TYPE K SERVICE CONNECTION	12/13/2023
S-3.0	STANDARD CURB BOX	12/13/2023
S-4.0	YARD HYDRANT INSTALLATION	12/13/2023
S-5.0	HOSE CONNECTION MANIFOLD 5/8", 3/4", AND 1" ELECTROMAGNETIC METERS	12/13/2023
S-6.0	LAWN IRRIGATION WITH CURB METER PIT AND ABOVE GROUND REDUCED PRESSURE ZONE BACKFLOW PREVENTOR	12/13/2023
S-7.0	INTERIOR METER SETTING	04/10/2024

## WATER MAINS

DRAWING NO.	DESCRIPTION	ISSUE DATE
W-1.0	TYPICAL WATER MAIN TRENCH DETAILS	12/13/2023
W-2.0	TYPICAL BACKFILL REQUIREMENTS OUTSIDE OF PAVEMENT, WITHIN THE RIGHT-OF-WAY, OUTSIDE OF AKRON, WITHIN SUMMIT COUNTY	12/13/2023
W-3.0	RESTRAINED JOINT PIPE (TR FLEX)	12/13/2023
W-4.0	T-HEAD BOLT AND NUT	12/13/2023
W-5.0	MECHANICAL JOINT DUCTILE IRON RESTRAINING GLANDS	12/13/2023
W-6.0	STANDARD VALVE BOX	12/13/2023
W-6.1	GATE VALVE INSTALLATION	12/13/2023
W-7.0	HYDRANT RUN AND INSTALLATION	12/13/2023
W-7.1	HYDRANT STANDARD HOSE COUPLING	12/13/2023
W-8.0	TYPICAL CONCRETE THRUST BLOCKING	12/13/2023
W-9.0	TYPICAL STEEL CASING DETAIL	12/13/2023
W-10.0	AIR RELEASE DETAILS	12/13/2023
W-11.0	RIVER CROSSING LEAK INDICATOR DETAIL	12/13/2023
W-12.0	WATER MANHOLE DETAIL	12/13/2023

DO NOT SCALE - USE DIMENSIONS ONLY

CITY OF AKRON  
DEPARTMENT OF PUBLIC SERVICE  
WATER SUPPLY BUREAU

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REV. APRIL 10, 2024