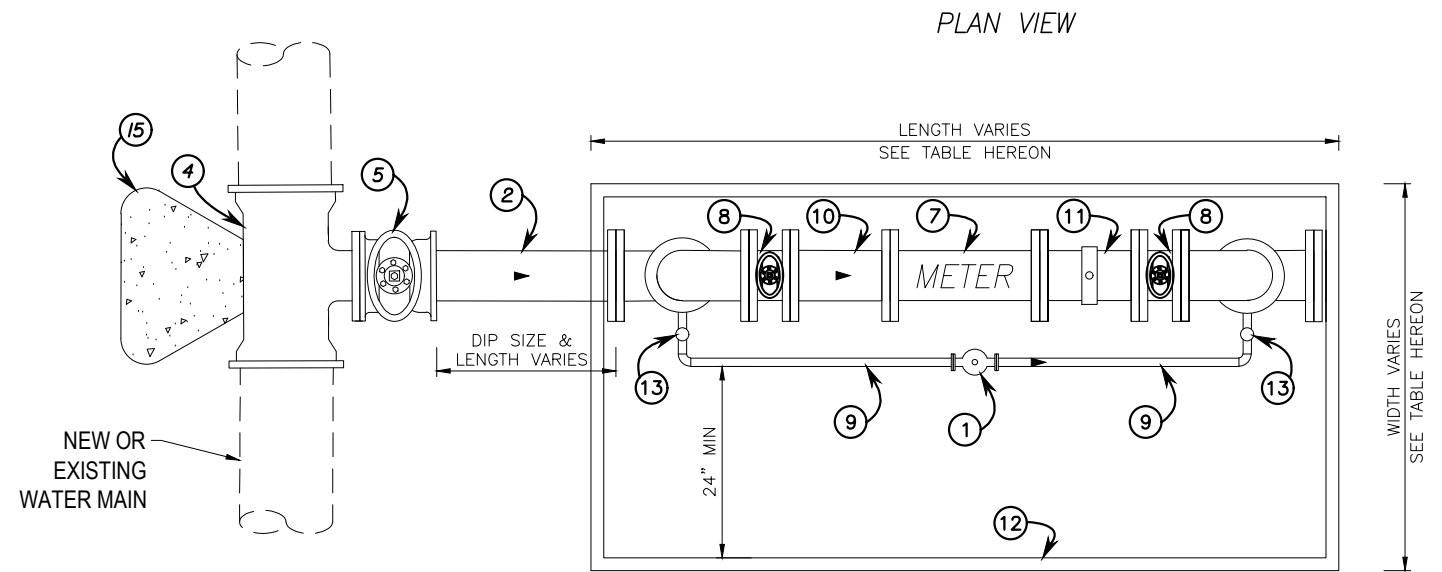


3-INCH & GREATER WATER SERVICE



ITEM NO.	MATERIALS
1	2" BYPASS METER
2	CLASS 350 DIP (LENGTH VARIES)
3	90 FLG X FLG BEND
4	DI TEE MJ x FLG (FOR NEW PIPELINES) OR 316SS TAPPING SLEEVE (FOR EXISTING PIPELINES)
5	FLG X MJ GATE VALVE
6	DI BLIND FLANGE
7	OCTAVE METER
8	FLG X FLG GATE VALVE
9	2" TYPE 'K' HARD COPPER PIPING AND NON-COMPRESSION COPPER FITTINGS
10	2X DIAMETER SIZE SPOOL
11	2X DIAMETER SIZE SPOOL W/ 2" DOUBLE STRAP SERVICE SADDLE
12	PRECAST OPEN BOTTOM CONCRETE VAULT WITH PEDESTRIAN RATED ALUMINUM SPRING ASSISTED HATCHES. SEE TABLE HEREON FOR DIMENSIONS
13	2" LOCKING BALL VALVE
14	SPOOL FLG X FLG, W/ 2" OUTLET
15	THRUST BLOCK (SIZE VARIES)

CONSTRUCTION NOTES:

1. TEE CUT IN SHALL NOT BE INSTALLED WITHIN 24" OF VALVE, COUPLING, JOINT OR FITTING.
2. THE WATER SERVICE SHALL EXTEND PERPENDICULAR TO THE CENTERLINE UNLESS OFFSETS ARE REQUIRED.
3. ALL VAULTS SHALL BE ORDERED SPECIFIC TO ACCOMMODATE JOB SPECIFIC INSTALLATION CONSTRAINTS. ALL VAULTS WILL BE EQUIPPED WITH TORSION ASSIST LIDS.
4. ALL COMMERCIAL, INDUSTRIAL AND IRRIGATION METER SERVICES WILL REQUIRE A DISTRICT APPROVED BACKFLOW PROTECTION DEVICE.
5. BUTTERFLY VALVES CAN BE USED AS AN OPTION WHEN DEPTH IS A CONSTRAINT, WITH DISTRICT APPROVAL.
6. EXPOSED PIPING WITHIN THE VAULT SHALL BE EPOXY COATED.

VAULT INSIDE DIMENSIONS (MINIMUM)		
SERVICE SIZE	WIDTH	LENGTH
3"	48"	72"
4"	48"	84"
6"	54"	102"
8"	54"	120"
10"	60"	138"
12"	60"	156"

APPROVED BY:

 TOM COLEMAN
 GENERAL MANAGER
 07/07/2023
 DATE



DRAWING #
 W-9
 REVISION DATE
 JUNE
 2023

ROWLAND WATER DISTRICT

3-INCH AND GREATER SERVICE DETAIL