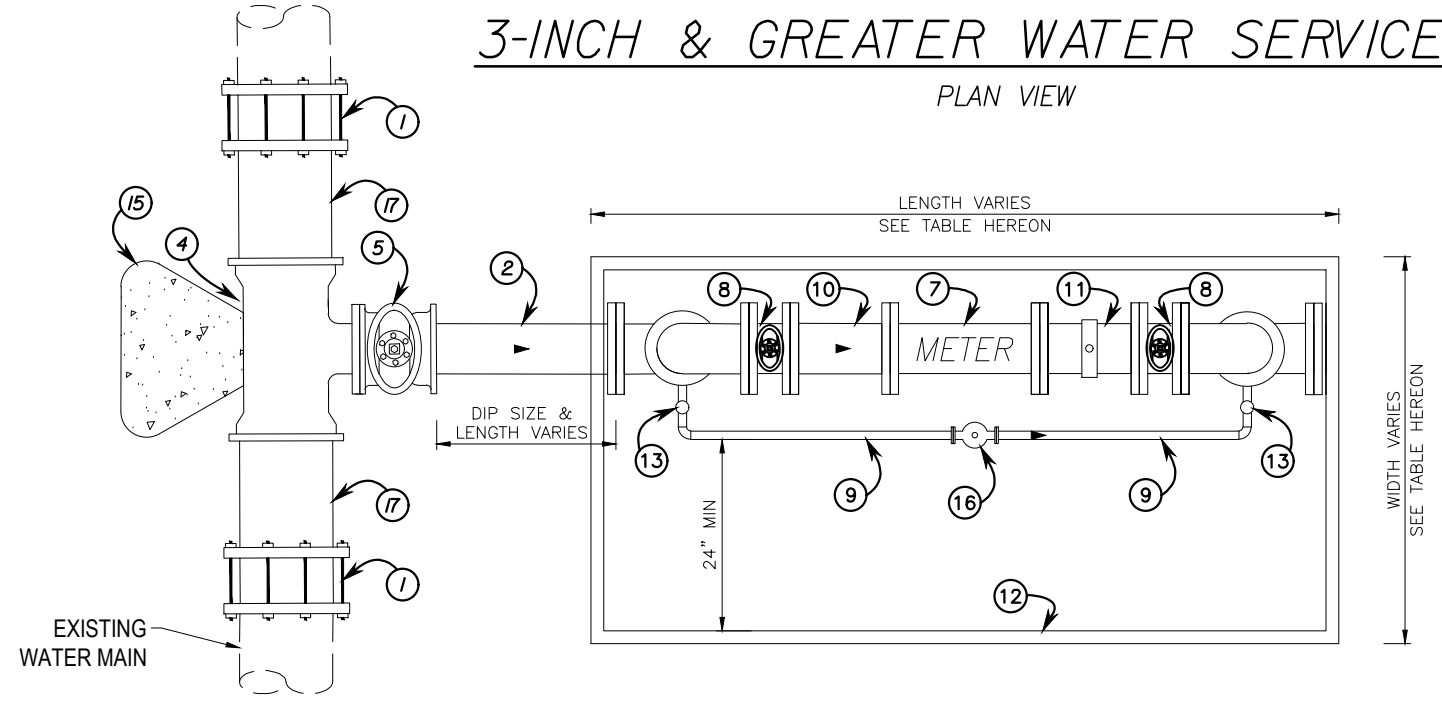


# 3-INCH & GREATER WATER SERVICE



- | ITEM NO. | MATERIALS  |
|----------|--|
| 1        | TRANSITION COUPLING  |
| 2        | CLASS 350 DIP (LENGTH VARIES)  |
| 3        | 90 FLG X FLG BEND  |
| 4        | TEE FLG X MJ   |
| 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)   |
| 16       | 2" BYPASS METER  |
| 17       | DI SPOOL (L - 2' MIN)  |

- CONSTRUCTION NOTES:**
1. TEE CUT IN SHALL NOT BE INSTALLED WITHIN 2" 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 CEMENT MORTAR LINED AND 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"

*Tom Coleman*  
 TOM COLEMAN  
 GENERAL MANAGER  
 9/15/21  
 DATE



DRAWING #  
 W-9  
 REVISION DATE  
 SEPTEMBER  
 2021

ROWLAND WATER DISTRICT

3-INCH AND GREATER  
 SERVICE DETAIL