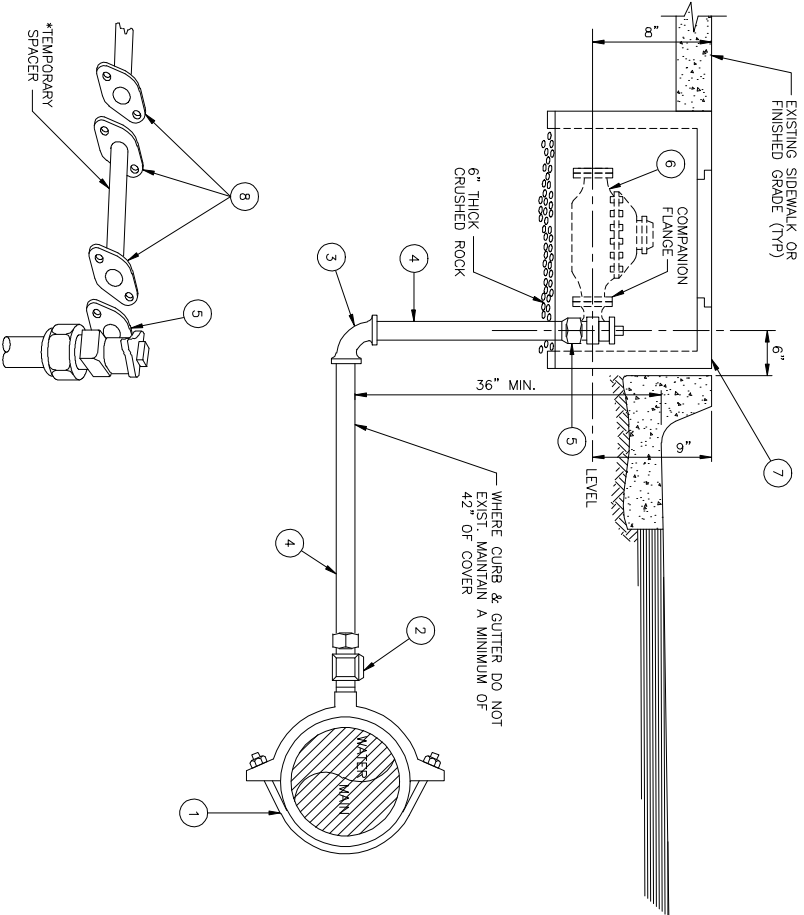


**STANDARD DRAWING MATERIALS**

ITEM	QTY	SIZE / DESCRIPTION	MATERIAL SPECIFICATIONS	REMARKS
1	1	2" BRONZE SADDLE OR 2" BRONZE AND STAINLESS STEEL SADDLE FOR RECYCLED WATER APPLICATIONS	MUELLER BR 2B MUELLER BR 2S	SEE SECTION 4 SEE SECTION 4
2	1	2" BRONZE COMPRESSION CORPORATION STOP	MUELLER 110 H-15013	SEE SECTION 4
3	3	2" COMPRESSION 90° CTS X CTS	MUELLER H-15526	SEE SECTION 4
4	-	2" TYPE K COPPER TUBING	ANSI/AWWA C-800	SEE SECTION 4
5	2	2" BRONZE COMPRESSION ANGLE METER STOP WITH LOCK WING	MUELLER 110 H-14277	SEE SECTION 4
6	2	1 1/2" OR 2" METER	METER TYPE AND CONFIGURATION TO BE DETERMINED BY THE WATER SUPERINTENDENT	METER TO BE PURCHASED FROM AND FURNISHED BY THE CITY SEE SECTION 4.9
7	2	ARMOR CAST METER BOX WITH A POLYMER COVER AND READING LID	A6001640 PL12 METER BOX WITH A TWO PIECE COVER	SEE SECTION 4 AND STD DRAWINGS W-27, W-28 OR W-30
8	2	1 1/2" OR 2" BRONZE METER COMPANION FLANGES	1 1/2" - FORD CE 31-66 - 2" - FORD CE 31-77 AND 2" - JONES J-129 OR APPROVED EQUAL	SEE SECTION 4
9	4	STAINLESS STEEL METER BOLTS W/NUTS 5/8" X 2 3/4"	304 OR 316 STAINLESS STEEL	SEE SECTION 4



**\*1 1/2"-2" METAL SPACERS AND METER LAY LENGTH**

1 1/2"	2"	2"	2"
DISC & TURBINE	DISK	TURBINE W/INTEGRAL COMPANION W/STRAINER	2"
13"	17"	17"	22 3/8"

- NOTES:**
- A** ALL SERVICES SHALL CONFORM WITH SECTION 4.9
  - B** IF MAIN IS STEEL, WELD COUPLING 1/2" SIZE LARGER THAN SERVICE AND USE AN INSULATED DIELECTRIC BUSHING. SEE STANDARD DRAWING W-24
  - C** ALL BURIED FERROUS SURFACES, PIPES, AND FITTINGS SHALL BE PROTECTED AND POLYETHYLENE ENCASED PER SECTIONS 4.2.3 AND 4.3.3
  - D** ALL PIPES AND FITTINGS SHALL BE IDENTIFIED WITH BURIED PIPE WRAP TAPE PER SECTION 4.3.3H
  - E** ALL BACKFILL SHALL CONSIST OF NATIVE MATERIALS (95% REL. COMPACTION) OR C.A.B. PER STD. DWG. No. S-25 AND PER SECTION 4.8
  - F** ALL INSTALLATIONS TO CONFORM WITH SECTION 3 AND SECTION 4 AS APPROPRIATE

**PICO WATER DISTRICT**

2" TYPICAL WATER SERVICE INSTALLATION  
 APP. *M. J. Gonzalez*  
 M. J. Gonzalez  
 GENERAL MANAGER

STANDARD DRAWING NUMBER  
**W-20A**  
 DATE: 08/12/2009