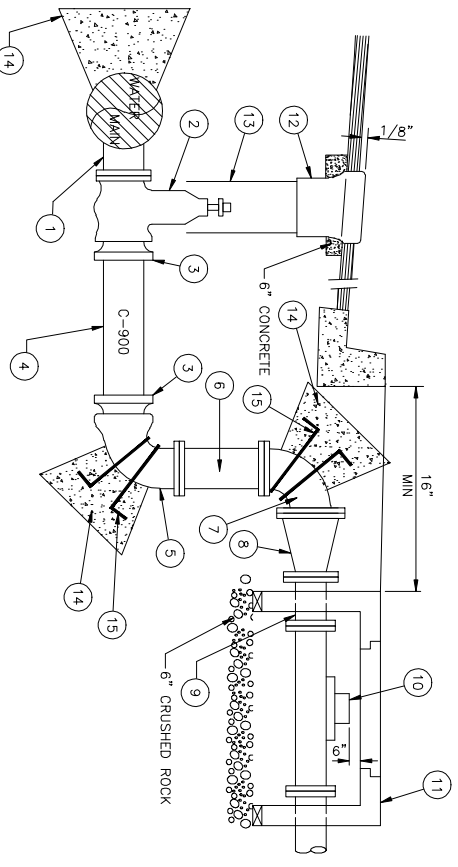


RECYCLED WATER



3", 4", & 6" METER LAY LENGTHS

3" TURBINE W/STRAINER	4" TURBINE W/STRAINER	6" TURBINE W/STRAINER
19 1/8"	23 1/8"	27 1/8"

- NOTES:**
- A** ALL 3", 4", AND 6" OR LARGER SERVICES SHALL CONFORM WITH SECTION 4.9
 - B** ALL BURIED FERROUS SURFACES, PIPES, AND FITTINGS SHALL BE PROTECTED AND POLYETHYLENE ENCASED PER SECTIONS 4.2.3 AND 4.3.3
 - C** ALL NUTS, BOLTS, AND WASHERS SHALL BE STAINLESS STEEL PER SECTION 4.3.3
 - D** MINIMUM SERVICE LATERAL SIZE SHALL BE 4"
 - E** ALL PIPES AND FITTINGS SHALL BE IDENTIFIED WITH BURIED PIPE WRAP TAPE PER SECTION 4.3.3H
 - F** 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
 - G** A VALVE EXTENSION MAY BE REQUIRED. INSTALL PER SECTION 4.3.2G AND STD. DRAWING W-32 OR RW-10
 - H** FOR METER RUNS PARALLEL TO CURB, EXTEND SERVICE AS NEEDED AND ROTATE UPPER 90° BEND ¼ TURN. SEE STD. DRAWING W-21B
 - I** METER SPACERS OR SPOOLS OF VARIOUS LENGTHS MAY BE REQUIRED FOR VARIOUS METER TYPE AND CONFIGURATIONS. THESE SHALL BE MADE UP UNDER DIRECTION OF THE WATER UTILITY ADMINISTRATOR
 - J** TRACER WIRE SHALL BE REQUIRED ON ANY C-900 PIPELINE INSTALLATION PER SECTION 4 AND STANDARD DRAWING RW-1
 - K** ALL INSTALLATIONS TO CONFORM WITH SECTION 3 AND SECTION 4 AS APPROPRIATE

STANDARD DRAWING MATERIALS

ITEM	QTY	SIZE / DESCRIPTION	MATERIAL SPECIFICATIONS	REMARKS
1	1	DUCTILE IRON TEE MJ X MJ X FLANGE OR APPROVED EQUAL	TYLER UNION CLASS 250	SEE SECTION 4
1	1	STAINLESS STEEL TAPPING SLEEVE OR	SMITH BLAIR CC-662, MUELLER H-304	SEE SECTION 4
1	1	WELDED STEEL NOZZLE	MINIMUM ¼" STEEL	SEE STANDARD DRAWING W-22
2	1	RESILIENT WEDGE TAPPING VALVE FLANGE X MJ	MUELLER RS, CLOW RW, MH VALVES RS OR APPROVED EQUAL	SEE SECTION 4 AND STANDARD DRAWING W-8
3	1	DUCTILE IRON RESTRAINT GLAND	EBBA IRON MEGA LUG, FORG UNI-FLANGE SERIES 1400 OR APPROVED EQUAL	SEE SECTION 4
4	1	C-900 PVC PIPE	PER AWWA C-900	SEE SECTION 4
5	2	DUCTILE IRON 90° BEND MJ X MJ	TYLER UNION CLASS 250 OR APPROVED EQUAL	SEE SECTION 4
6	1	C-900 PVC PIPE LENGTH AS REQUIRED	PER AWWA C-900	SEE SECTION 4
7	1	DUCTILE IRON 90° BEND MJ X FLANGE	TYLER UNION CLASS 250 OR APPROVED EQUAL	SEE SECTION 4
8	1	DUCTILE IRON REDUCER 4" X 3" FLANGE X FLANGE (AS REQUIRED)	TYLER UNION CLASS 250 OR APPROVED EQUAL	SEE SECTION 4
9	1	DUCTILE IRON SPOOL FLANGE X FLANGE, LENGTH 5 TIMES DIAMETER OF METER. EX: 4" METER=20" SPOOL	CLASS 53 PER AWWA/ANSI 151/A21.51	SEE SECTION 4
10	1	3", 4" OR 6" METER W/STRAINER	METER TYPE AND CONFIGURATION TO BE DETERMINED BY THE WATER SUPERINTENDENT	METER TO BE PURCHASED FROM AND FURNISHED BY THE CITY. SEE SECTION 4
11	1	CONCRETE METER BOX WITH STEEL 2 PIECE COVER WITH READING LIDS	BROOKS MODEL #68, 700 SERIES OR APPROVED EQUAL, SIZE DETERMINED BY METER CONFIGURATION	SEE SECTION 4 AND STD. DRAWINGS W-29 AND W-30
12	1	VALVE BOX	BROOKS 1CR OR APPROVED EQUAL	SEE SECTION 4 AND STD. DRAWINGS W-8 AND RW-10
13	1	8" FLU PIPE RISER	C-900 CL200 OR SCH 80 PVC PIPE	SEE SECTION 4 AND STD. DRAWINGS W-8 AND W-31
14	3	CONC. THRUST BLOCK	2000 PSI PER ASTM C-39 OR READY MIX PER ASTM C-94	SEE STD. DRAWING W-17
15	4	ANCHOR RODS	STEEL REINFORCING BAR	SEE SECTION 4.4.4 AND STANDARD DRAWING W-17

PICO WATER DISTRICT

WATER SERVICE INSTALLATION
 APP *W. J. Caspida*
 GENERAL MANAGER

STANDARD DRAWING NUMBER
RW-15
 DATE: 08/27/2009