

STANDARD DRAWING MATERIALS

ITEM	QTY	SIZE / DESCRIPTION	MATERIAL SPECIFICATIONS	REMARKS
1	1	DUCTILE IRON TEE M/J X M/J X FLANGE OR	TYLER UNION CLASS 250 OR APPROVED EQUAL	SEE SECTION 4.3
1	1	STAINLESS STEEL TAPPING SLEEVE OR	MUELLER H-304 OR APPROVED EQUAL	SEE SECTION 4
1	1	WELDED STEEL NOZZLE	MINIMUM 1/2" STEEL	SEE STANDARD DRAWING W-22
2	1	RESILIENT WEDGE TAPPING VALVE FLANGE X M/J	MUELLER RS, SERIES 2361	SEE SECTION 4 AND STANDARD DRAWING W-8
3	3	DUCTILE IRON RESTRAINT GLAND	EBBA IRON MEGALUG, FORD UNI-FLANGE SERIES 1400 OR APPROVED EQUAL	SEE SECTION 4
4	1	DUCTILE IRON PIPE	CLASS 350 PER AWWA/ANSI 151/A21-51	SEE SECTION 4
5	2	DUCTILE IRON 90° BEND M/J X FLANGE	TYLER UNION CLASS 250 OR APPROVED EQUAL	SEE SECTION 4
6	2	DUCTILE IRON RISER SPOOL FLANGE X FLANGE LENGTH AS REQUIRED	CLASS 53 PER AWWA/ANSI 151/A21.51	SEE SECTION 4
7	2	DUCTILE IRON 90° BEND FLANGE X FLANGE	TYLER UNION CLASS 250 OR APPROVED EQUAL	SEE SECTION 4
8	2	RESILIENT WEDGE GATE VALVE, OS & Y FLANGE X FLANGE	VALVES AS APPROVED WITH BACKFLOW PREVENTION DEVICE	SEE SECTIONS 4.3.2
9	1	REDUCED PRESSURE DETECTOR ASSEMBLY OR DOUBLE CHECK DETECTOR ASSEMBLY	USC AND L.A. COUNTY APPROVED WILKINS	SEE SECTION 4.10
10	1	ADJUSTABLE PIPE SUPPORT	STAINLESS STEEL	SEE STANDARD DRAWING W-32
11	1	CONCRETE PAD	2000 PSI PER ASTM C39 OR READY MIX PER ASTM C94	SEE SECTION 4.5
12	1	VALVE BOX	BROOKS MODEL 4TT OR APPROVED EQUAL	SEE SECTION 4.3.2D AND STD DRAWINGS W-8 AND W-31
13	1	8" FLU PIPE RISER	8" SDR35 PVC PIPE	SEE SECTION 4.3 AND STD DRAWINGS W-8 AND W-31 LENGTH AS REQUIRED
14	3	CONC. THRUST BLOCK	2000 PSI PER ASTM C-39 OR READY MIX PER ASTM C-94	SEE SECTION 4.4 AND STANDARD DRAWING W-17

NOTES:

- A** ALL FIRE SERVICES AND BACKFLOW DETECTOR ASSEMBLIES SHALL CONFORM WITH SECTIONS 4.10 AND 4.13
- 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 316 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 4.9
- G** A VALVE EXTENSION MAY BE REQUIRED. INSTALL PER SECTION 4.3.2C AND STD. DRAWING W-31 OR RW-10
- H** ALL INSTALLATIONS TO CONFORM WITH SECTION 3 AND SECTION 4 AS APPROPRIATE

PICO WATER DISTRICT

<p align="center">FIRE SERVICE INSTALLATION 4" - 6" - 8" - 10"</p> <p align="right">APP. <i>M. Araya</i> MAYOR GENERAL MANAGER</p>	<p>STANDARD DRAWING NUMBER W-9</p> <p>DATE: 08/27/2008 SHEET 2 OF 2</p>
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