



- NOTES:**
- A** ALL BLOWOFF ASSEMBLIES SHALL CONFORM WITH SECTION 4.11
  - 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** ALL PERMANENT BLOWOFF 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. INSTAL 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

**STANDARD DRAWING MATERIALS**

ITEM	QTY	SIZE / DESCRIPTION	MATERIAL SPECIFICATIONS	REMARKS
1	1	DUCTILE IRON TEE M.J. X M.J. X 4" FLANGE OR STAINLESS STEEL TAPPING SLEEVE X 4" FLANGE OR WELDED STEEL NOZZLE 4" FLANGE	TYLER UNION CLASS 250 OR APPROVED EQUAL MUELLER H-304 OR APPROVED EQUAL MINIMUM 1/4" STEEL	SEE SECTION 4.3 SEE SECTION 4 SEE STANDARD DRAWING W-22
2	1	DUCTILE IRON 90° BEND FLANGE X FLANGE OR RESTRAINT GLAND	TYLER UNION CLASS 250 OR APPROVED EQUAL CLASS 53 DUCTILE IRON PER AWWA/ANSI 151/A21.51	SEE SECTION 4 SEE SECTION 4
3	1	DUCTILE IRON 90° BEND M.J. X M.J. RESTRAINT WEDGE	MUELLER RS, RW, SERIES 2361	SEE SECTION 4 AND STANDARD DRAWING W-8
4	1	4" DUCTILE IRON RESTRAINT GLAND	EG&A IRON MEGALUG, FORD UNI-FLANGE SERIES 1400 OR APPROVED EQUAL	SEE SECTION 4
5	2	4" DUCTILE IRON PIPE	CLASS 350 PER AWWA/ANSI 151/A21.51	SEE SECTION 4
6	1	4" DUCTILE IRON 90° BEND M.J. X FLANGE	TYLER UNION CLASS 250 OR APPROVED EQUAL	SEE SECTION 4
7	1	4" DUCTILE IRON PIPE RISER, FLANGE X I.P.T. LENGTH AS REQUIRED	CLASS 53 DUCTILE IRON PER AWWA/ANSI 151/A21.51	SEE SECTION 4
8	1	4" BRASS ADAPTER 4" I.P.T. X 4" N.S.T.	POTTER-ROEMER 2825 OR APPROVED EQUAL	SEE SECTION 4
9	1	4" PLASTIC HYDRANT CAP N.S.T.	EISEL MODEL #37 WITH CAST IRON TRAFFIC COVER	SEE SECTION 4.9.10 AND STANDARD DRAWING W-25
10	1	CONCRETE METER BOX	BROOKS 4 TT OR APPROVED EQUAL	SEE SECTION 4.3.2D AND W-8, W-31 AND RW-10
11	1	8" FLU PIPE RISER LENGTH AS REQUIRED	8" SDR35 PVC PIPE	SEE SECTION 4 AND STANDARD DRAWINGS W-8, W-31
12	1	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

**PICO WATER DISTRICT**

4" BLOW-OFF ASSEMBLY  
 APP. *M. J. Jaramala*  
 PROJECT NUMBER  
 GENERAL NUMBER

STANDARD DRAWING NUMBER  
**W-12**  
 DATE: 08/27/2000