

STANDARD DRAWING MATERIALS

ITEM	QTY	SIZE / DESCRIPTION	MATERIAL SPECIFICATIONS	REMARKS
1	1	1" OR 2" BRONZE SADDLE. SIZE AS REQUIRED OR	MUELLER, BR2B	SEE SECTION 4
1	1	1" OR 2" BRONZE AND STAINLESS STEEL SADDLE FOR RECYCLED WATER APPLICATIONS	MUELLER BR 2BS	SEE SECTION 4
2	1	1" OR 2" BRONZE COMPRESSION CORPORATION STOP	MUELLER 110 H-15013	SEE SECTION 4
3	1	1/2" X 5" STAINLESS STEEL ANCHOR BOLTS WITH NUTS AND WASHERS SET IN PAD		SEE SECTION 4
4	1	2' X 2' X 4" CONCRETE PAD	2000 PSI PER ASTM C39 OR READY MIX PER C94	SEE SECTION 4
5	1	1" OR 2" TYPE K COPPER TUBING	ANSI/AWWA C-800	SEE SECTION 4
6	1	1" X 1" OR 2" X 2" BRONZE COMPRESSION ANGLE METER STOP. SIZE AS REQUIRED	1"-MUELLER 110 H-14258 2"-MUELLER 110H-14277	SEE SECTION 4
7	1	1" X 3/4" METER BUSHING (1" SERVICE LINE) OR 2" BRONZE METER COMPANION FLANGE (2" SERVICE LINE)	MUELLER H-10989 JONES J-129, FORD CF31-77 OR APPROVED EQUAL	SEE SECTION 4
8	1	1" M.I.P. X 1" GTS BRONZE COMPRESSION ADAPTER (1" SERVICE LINE) OR 2" M.I.P. X 2" GTS COMPRESSION ADAPTER (2" SERVICE LINE)	MUELLER H-15428	SEE SECTION 4
9	1	1" OR 2" TYPE K COPPER TUBING. SIZE AS REQUIRED	MUELLER H-15428	SEE SECTION 4
10	1	1" OR 2" BRONZE COMPRESSION TUBING. F.I.P. X C.I.S. 90°	MUELLER 110 H-15533	SEE SECTION 4
11	1	1" OR 2" BRASS NIPPLE. SIZE AND LENGTH AS REQUIRED		LENGTH AS REQUIRED
12	1	1" OR 2" BRASS COUPLING F.I.P. SIZE AS REQUIRED		LENGTH AS REQUIRED
13	1	1" OR 2" BRASS NIPPLE. SIZE AND LENGTH AS REQUIRED		LENGTH AS REQUIRED
14	1	1" OR 2" COMBINATION AIR VALVE. SIZE AS REQUIRED	APCO COMBINATION AIR VALVE SERIES 143C OR 145C	
15	1	1" OR 2" STREET FELL 90° WITH SCREEN FITTING - 1" OR 2" M.I.P.	NORTH TOWN COMPANY HYTECH AIR VAC SCREENS OR APPROVED EQUAL	
16	1	1" AIR VAC ENCLOSURE WITH EPOXY POWDER COATING AS REQUIRED OR	#16 ARMORCAST PRODUCTS CO. P6002001 (SANDSTONE) OR APPROVED EQUAL.	ENCLOSURE SIZE 12" DIA. X 24" TALL. COLOR "SANDSTONE".
17	1	2" AIR VAC ENCLOSURE WITH EPOXY POWDER COATING AS REQUIRED	PIPELINE PRODUCTS CERR-1624 OR APPROVED EQUAL	ENCLOSURE SIZE 16" DIA. X 24" TALL. COLOR AS REQUIRED
17	1	CONCRETE METER BOX WITH CONCRETE COVER	BROOKS MODEL #37 OR APPROVED EQUAL	SEE SECTION 4.9.10 AND STANDARD DRAWING W-25

- NOTES:**
- A** ALL SERVICES AND AIR/VACUUM RELEASE ASSEMBLIES SHALL CONFORM WITH SECTION 4.10.3
 - 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

AIR/VACUUM RELEASE
ASSEMBLY
Myranda
APP. *Myranda*
DATE: 08/11/2008 SHEET 1 OF 2

STANDARD
DRAWING NUMBER
W-14
DATE: 08/11/2008 SHEET 2 OF 2