



STANDARD DRAWING MATERIALS

ITEM	QTY	SIZE / DESCRIPTION	MATERIAL SPECIFICATIONS	REMARKS
1	1	1 1/2" OR 2 1/2" PIPE COUPLING WELDED TO MAIN	EXTRA HEAVY HIGH CARBON STEEL. 3000 LB 1/2 WELD	
2	1	1 1/2" OR 2 1/2" DIELECTRIC NYLON BUSHING	DELRIN OR EQUAL	
3	1	1" OR 2" BRONZE COPPERATION STOP MIP X COMPRESSION	1" & 2" MUELLER 110 COMPRESSION B-25028	SEE SECTION 4
4	-	1" OR 2" TYPE K SOFT COPPER TUBING	ANSI/AWWA C-800	SEE SECTION 4
5	-	POLYETHYLENE	8 MIL SHEET OR SLEEVE STYLE	SEE SECTION 4
6	-	PIPE WRAP TAPE	10 MIL WINNORE UPG, POLYKEN 900 SCOTCHWRAP 5 OR APPROVED EQUAL	SEE SECTION 4
7	-	GROUT OUTLET AFTER COMPLETION OF ENCASEMENT AND TAPING	MORTAR SHALL BE 3000 PSI PER ASTM C39	

NOTES:

- A** ALL SERVICES SHALL CONFORM WITH SECTION 4.9
- B** DIELECTRIC COUPLINGS ARE REQUIRED ON ALL ASSEMBLES WHERE COPPER OR BRASS IS TIED INTO A STEEL MAIN. IF MAIN IS STEEL, WELD COUPLING 1/2 SIZE LARGER THAN SERVICE AND USE AN INSULATED DIELECTRIC BUSHING
- 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

DIELECTRIC CONNECTION TO

STEEL MAIN

APP. *M. A. GONZALEZ*
M. A. GONZALEZ
 GENERAL MANAGER

STANDARD DRAWING NUMBER

W-24

DATE: 08/1/2000