

NOTES: (CONDITIONS I AND II)

- 1. SEE CITY STANDARD DETAIL 001 GENERAL WATER NOTES.
- 2. IF DIMENSION "A" IS LESS THAN 30", IT SHALL BE APPROVED BY THE CITY ENGINEER AND CASING PIPE SHALL BE INSTALLED PER CONDITION II.
- 3. FOR SEWER REFER TO CITY STANDARD DETAIL 002 FOR SEPARATION.
- 4. MAXIMUM ALLOWABLE PIPE JOINT DEFLECTION SHALL BE PER PIPE MANUFACTURERS RECOMMENDATIONS.
- 5. IF RETURN TO DESIGNED PIPE DEPTH BY DEFLECTION (ROPING) CANNOT BE ACCOMPLISHED WITHIN 2 STANDARD PIPE LENGTHS, PIPE FITTINGS AND APPURTENANCES WILL BE REQUIRED UNLESS OTHERWISE NOTED OR DIRECTED BY CITY ENGINEER.
- 6. ALL PIPE JOINTS 22-1/2° OR GREATER SHALL BE THRUST BLOCK PROTECTED PER CITY STANDARD 006.
- 7. MEGALUGS OR TENSION RODS AND ANCHORS SHALL BE INSTALLED PER CITY STANDARDS 006 AND 007. REQUIRED FROM BOTTOM TO TOP FITTING FOR CONDITION I AND CONDITION II.
- 8. ALL PIPE FOR UTILITY CROSSING SHALL BE DUCTILE IRON OR CEMENT LINED AND COATED, STEEL WELDED PIPE.
- 9. AIR VACUUM RELEASE ASSEMBLY TO BE INSTALLED PER STD. DET. 016 AT HIGH POINTS IN THE PIPING SYSTEM OR AS DETERMINED BY CITY ENGINEER.
- 10. BLOW OFF TO BE INSTALLED PER STD. DETAIL 015 AS DETERMINED BY CITY ENGINEER.
- 11. EARTH PLUG SHALL BE MADE OF 1 PART CEMENT AND 3 PARTS EARTH AND SHALL PENETRATE THE ENDS OF THE CASING SURROUNDING THE WATER MAIN TO A DEPTH OF 1 FOOT.
- 12. ANY CROSSING LESS THAN 30", AS APPROVED BY CITY ENGINEER, SHALL REQUIRE SLURRY BACKFILL

	TABLE I	
WATER MAIN	CASING-INSIDE DIAMETER	WALL THICKNESS
6 INCHES	12 INCHES	1/4 INCHES
8 INCHES	14 INCHES	1/4 INCHES
10 INCHES	16 INCHES	3/8 INCHES
12 INCHES	18 INCHES	3/8 INCHES
14 INCHES	20 INCHES	3/8 INCHES
LARGER THAN 14"	REQUIRES CITY ENGINE	ER'S APPROVAL

	9	SAN	D CUSHION SCHEDULE- DIMENSION "B"
PIPE DEPTH	THAN 3'	B	DIMENSION SHALL BE A MINIMUM OF 12 INCHES
A	MORE THAN	$\overline{\mathbb{B}}$	DIMENSION SHALL BE A MINIMUM OF 6 INCHES

CITY OF SAN BUENAVENTU

PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION

UTILITY CROSSING

STD. DET. NO.

800

APPROVED BY:

APPROVED BY_

CITY ENGINEER R.C.E. 37064

DATE 7-1-6

SHEET 2 of 2