


NOTES:

1. BEDDING MATERIAL SHALL BE CLEAN AND GRADED SAND UNLESS OTHERWISE SPECIFIED.
2. REFER TO SECTION 33-10-00 OF THE SAN BRUNO TECHNICAL SPECIFICATIONS FOR WARNING TAPE AND TRACER WIRE INSTALLATION AND SPECIFICATIONS
3. WARNING TAPE FOR BURIED SEWER OR STORM MAINS SHALL BE "BLUE" COLOR THE LENGTH OF THE TRENCH LABELLED "CAUTION: WATER PIPE BELOW".
4. IF THERE IS LESS THAN 30" OF COVER OVER THE PIPE, CAP TRENCH WITH 2 SACK CEMENT SLURRY.
5. BACKFILL MATERIAL SHALL BE APPROVED NATIVE SOIL, CLASS II AGGREGATE BASE OR CEMENT SLURRY IF SPECIFIED. BACKFILLING REQUIREMENTS SHALL BE IN ACCORDANCE WITH SECTION 31-23-33 OF THE SAN BRUNO TECHNICAL SPECIFICATIONS. 95% MINIMUM RELATIVE COMPACTION FOR NON-SLURRY BACKFILL. FOR SLURRY BACKFILL ALLOW A MINIMUM OF 24 HOURS CURE TIME BEFORE HOTMIX IS PLACED.
6. NEW PIPE SHALL MAINTAIN A 30" MINIMUM CLEARANCE FOR PARALLEL UTILITIES AND A 12" MINIMUM VERTICAL CLEARANCE FOR PERPENDICULAR (OR CROSSING) UTILITIES. FOR DETAILED CRITERIA, SEE SECTION 33-10-50 OF THE SAN BRUNO TECHNICAL SPECIFICATIONS
7. TRENCHES WITHIN 3' OF CURB & GUTTER OR VERTICAL CURB REQUIRE FULL REMOVAL AND REPLACEMENT OF ASPHALT BETWEEN TRENCH AND LIP OF GUTTER OR VERTICAL CURB.
8. FOR TRENCHES IN NON-PAVED AREAS, CONTRACTOR SHALL MATCH EXISTING LANDSCAPE (GRASS, TOP SOIL, FLOWER BEDS, SHRUBS, TREES, ETC.) TO THE SATISFACTION OF THE CITY REPRESENTATIVE



City of San Bruno
Standard Detail

**TRENCH CONSTRUCTION
FOR WATER MAINS**

CITY ENGINEER: 
APPROVED BY: WING WONG

DATE: AUG 2011
DRAWN BY: JMH
ST-06B
DETAIL NO:

R.C.E. C35688