NOTES:

1. CONTRACTOR SHALL ADHERE TO THE STATE WATER STANDARDS (TITLE 22, CHAPTER 16, SECTION 64572) CRITERIA AND STATE WATER BOARD MEMO NO. 2003-02—ALTERNATE CRITERIA GUIDANCE (UNDER SECTION 64551.100.a) FOR SEPARATION OF WATER MAINS AND NON-POTABLE PIPELINES.

2. THE ABOVE DETAIL ILLUSTRATES ALTERNATE CONSTRUCTION CASE 2C FROM MEMO 2003-02 WHERE THE NEW WATER MAIN COULD NOT BE INSTALLED ABOVE THE OBSTRUCTED PIPELINE AND HAS TO BE INSTALLED BELOW IT.

3. THE USE OF THIS DETAIL AND OTHER ALTERNATE CONSTRUCTION FOR SAFE SEPARATIONS STATED IN ABOVE MENTIONED STATE MEMO NO. 2003-02 SHALL BE REVIEWED & APPROVED IN A CASE-BY-CASE BASIS BY THE CITY ENGINEER. FIELD MODIFICATIONS TO THIS DETAIL TO IMPROVE PUBLIC SAFETY SHALL BE FURTHER PROVIDED BY THE CITY.

4. USE SMALLEST STANDARD DEGREE FITTINGS AS REQUIRED FOR VERTICAL SEPARATION, UNLESS OTHERWISE SHOWN ON PLAN.

5. FOR PVC PIPE, BELL AND SPIGOT JOINT RERAINTS SHALL BE EBAA SERIES 1500 OR 2800; MECHANICAL JOINT RESTRAINTS SHALL BE EBAA SERIES 2000PV. FOR DIP, MECHANICAL JOINT RERAINTS SHALL BE EBAA MEGALUG SERIES 1100.

6. SEE THRUST RESTRAINT LENGTH TABLE ON W-13 PVC FOR RESTRAINED JOINT LENGTH, "L".

7. PIPE BEDDING SHALL BE PER STANDARD DETAIL UT-1 OR UT-2.