

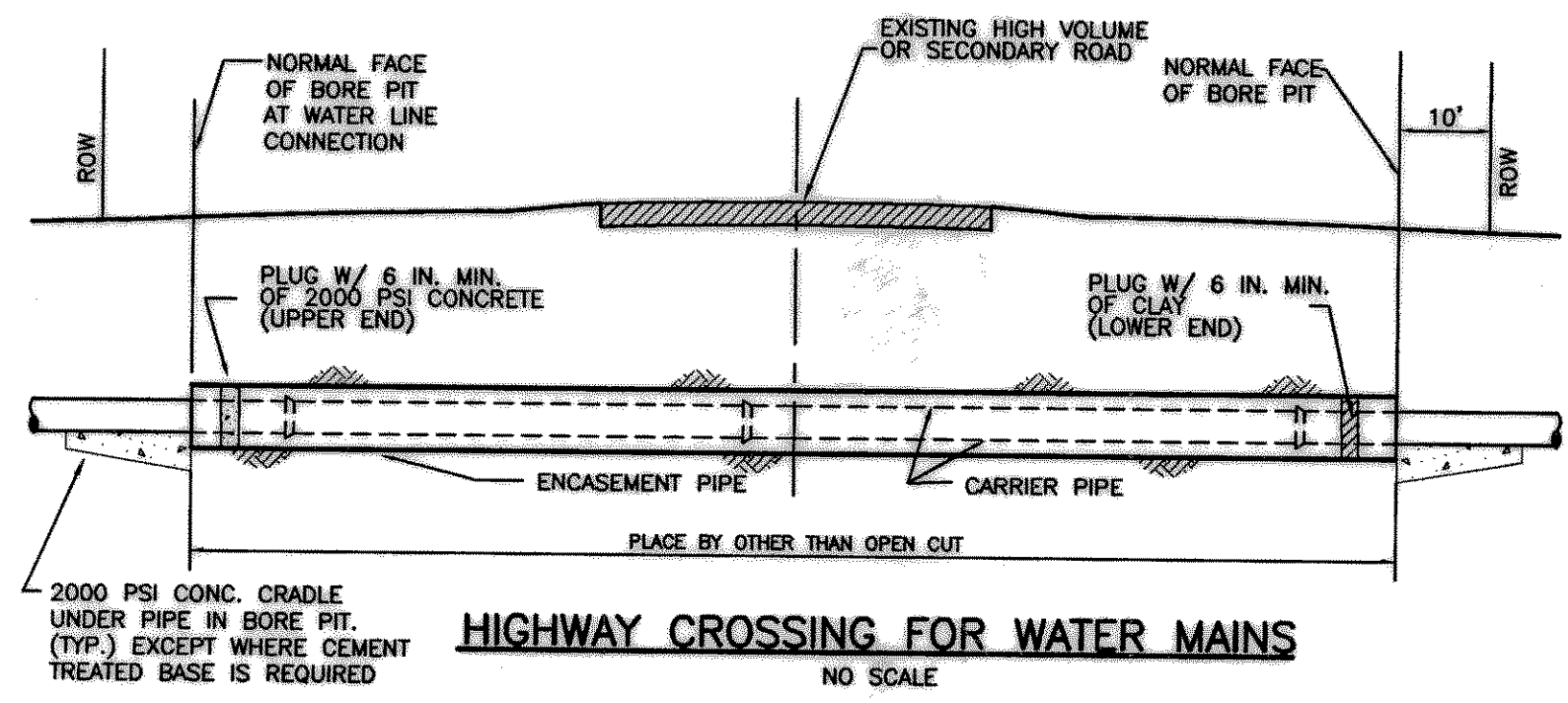
- INSTALL:  
1-8" 11.25' BEND
- INSTALL 21 LF OF 8" WATER & 2" WATER SERVICE BY BORE IN 14" ENCASEMENT PIPE SEE DETAIL THIS SHT.
- INSTALL:  
1-6"x6" TAPPING SLEEVE  
1-8" VALVE
- INSTALL:  
1-2" DOMESTIC METER W/  
DCA AND BACKFLOW PREVENTER
- CONNECT 4" SEWER SERVICE TO EX. SANITARY SEWER
- INSTALL:  
1-8"x6" REDUCER  
1-FH
- INSTALL 27" RCP SEE PHASE 2 PLANS

**GENERAL NOTES**

1. All work shall be in accordance with City of Rockwall Standard Detail Sheets.
2. Two year maintenance bonds on water and sewer to be furnished by the contractor.
3. Engineering department is to be notified 48 hours prior to any construction.
4. All water lines to have 42 inch minimum cover or as required to clear other utilities.
5. Water mains shall be Class 200 PVC, DR-14, sizes 4" to 15".
6. Fire hydrants shall be Mueller No. 24015 or equal.
7. Manhole rings and covers shall be 400# or bolt on.
8. Contractor shall use PVC SDR 35 Sewer pipe. PVC pipe shall have a maximum deflection of 5% (as per City of Rockwall Specifications.)
9. Valves shall be resilient seat gate valves.
11. The locations of all utilities indicated on the plans are taken from available public records. The exact location and depth of all utilities indicated must be determined by the Contractor. It shall be the duty of the Contractor to ascertain whether any additional facilities other than those shown on the plans may be present.
12. It shall be the responsibility of the Contractor to protect all existing utilities in the construction of this project. Any utilities damaged during the construction of this project shall be repaired at the Contractor's expense.
13. All Reinforced Concrete Pipe shall be Class III.
14. Megalugs at all change in direction
15. Blue EMS locator pads to be installed on the waterline at every bend, service, and valve.
16. Fire hydrants shall have 5' clearance around.
17. Water and Sanitary Sewer service lines indicated on this plan are schematic in nature. Contractor / Plumber shall verify location of utilities exiting building prior to installation of service line from meter or main line.

BENCHMARK: TOP OF EX. SANITARY SEWER MANHOLE RIM LOCATED 7'± WEST OF THE SOUTHWEST PROPERTY CORNER.  
ELEV. 575.05

NOTE:  
SEE SHEET C1 FOR EX. CHANNEL CROSS SECTION



**GENERAL NOTES**

1. ENCASEMENT PIPE SPECIFICATION:  
SMOOTH STEEL PIPE, MINIMUM WALL THICKNESS OF 1/4" OR AS SPECIFIED BY THE CITY OR TxDOT REQUIREMENTS, WHICHEVER IS GREATER.
2. CARRIER PIPE TO BE MADE UP OUTSIDE THE ENCASEMENT PIPE AND PUSHED THROUGH THE BORE WITH THE BELLS OF THE PIPE RESTING ON THE ENCASEMENT PIPE, BORE WALLS OR CONCRETE CUSHION.
3. WET BORES SHALL NOT BE USED.
4. ALL VOIDS BETWEEN BORE WALL AND ENCASEMENT PIPES (CARRIER PIPE IF NO ENCASEMENT IS USED) SHALL BE FILLED WITH GROUT PER ASTM C 476.
5. GUARD FENCE OR OTHER APPROVED PROTECTIVE DEVICES SHALL BE INSTALLED FOR THE PROTECTION OF THE TRAVELING PUBLIC.
6. CONCRETE TO HAVE A 28 DAY COMPRESSIVE STRENGTH OF 2000 PSI.

**RECORD DRAWING**

IMPROVEMENTS INDICATED ON THIS PLAN WHERE MADE IN ACCORDANCE WITH THE PROJECT PLANS & SPECIFICATIONS. THE DESIGN ENGINEER IS NOT AWARE OF ANY CHANGES TO THESE PLANS OTHER THAN THOSE INDICATED.

DATE: MARCH 20, 2007