* NOTE: IF TOO SHALLOW, USE THRUST BLOCK PER STD 516-A

CONSTRUCTION NOTES

1. INSTALL 1½", 2½", OR 4½" BEND, MJ X MJ WITH RETAINER GLANDS. NO GALVANIZED BOLTS PERMITTED. 316 SS BOLTS AND NUTS REQUIRED. MJ X MJ MUST BE T10 BOLTS AND FL x FL MUST BE STAINLESS STEEL BOLTS.

2. INSTALL THRUST BLOCK PER STD 516-A.

3. INSTALL FORD ULTRA-FLEX LONG SLEEVE WIDE RANGE COUPLING. ALL COUPLINGS SHALL HAVE TYPE 316 STAINLESS STEEL BOLTS, BE FACTORY EPOXY COATED, AND HAVE CENTER SLEEVES LONGER THAN 9".

4. INSTALL PIPE OF APPROPRIATE MATERIAL TYPE TO CONNECT MAIN AND SPECIFIED FITTINGS. PIPE SHALL BE C-900 P.V.C. WITH AN SDR-14 THICKNESS. REFER TO PROJECT PLANS.

5. REMOVE INTERFERING PIPE AND FITTINGS.

6. CUT AND PLUG EXISTING WATER MAIN WITH CONCRETE.

7. ALL BELOW GRADE DUCTILE IRON FITTINGS AND PIPING SHALL BE ENCASED WITH A POLYETHYLENE WRAP PER AWWA STANDARD C105. ADD TO UNDERGROUND INSTALLATION.

CITY OF NEWPORT BEACH DEPARTMENT OF PUBLIC WORKS

TYPICAL OFFSET WATER MAIN TIE-IN

STANDARD DRAWING NO. 514

DRAWN: M. ELIAS
DATE: 11/3/2020