



NOTES:

1. EASEMENT LINE MUST BE ADJACENT TO THE ROAD RIGHT-OF-WAY OR APPROVED BY THE UTILITY.
2. NO 3 INCH PIPING OR VALVES ALLOWED.
3. ALL NUTS & BOLTS WILL BE 316 STAINLESS STEEL.
4. ANTI-SEIZE LUBRICANT TO BE APPLIED ON ALL BOLT THREADS.
5. PAINTING OF THE NUTS & BOLTS IS PROHIBITED.
6. 90° BENDS MAY BE USED TO REPLACE 45° BENDS IF APPROVED BY THE ENGINEER OF RECORD.
7. UNI-FLANGES, INSTA-FLANGE OR FLANGE ADAPTERS ARE PROHIBITED.
8. PRIMER COAT WITH 2 COATS OF EPOXY FOR ALL ABOVE GROUND APPURTENANCES ABOVE 3 INCHES; FIRE HYDRANTS, METER ASSEMBLIES, VALVES, FORCE MAIN ABOVE GROUND ASSEMBLIES, RECLAIM ASSEMBLIES AND BRIDGE PIPE CROSSINGS.
9. WITH THE CIVIL ENGINEER'S AND MEP ENGINEER'S WRITTEN APPROVAL THE 45 DEGREE BENDS MAY BE REPLACED WITH 90 DEGREE BENDS.
10. PAINT COLOR - OSHA SAFETY RED.
11. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 1 INCH IN ALL UNPAVED AREAS.

- (A) EXISTING OR PROPOSED WATER MAIN
- (B) TAPPING SLEEVE AND VALVE
SEE GEN. DWG. NO. 3
- (C) 45° BEND BELOW GROUND FITTINGS
ALL MJ, RESTRAINED JOINT
- (D) SPOOL PIECE 12 INCH LONG MINIMUM
- (E) 45° BEND ABOVE GROUND FITTINGS
ALL FLANGED
- (F) OS & Y GATE VALVES (FLANGED)
MINIMUM 4 INCHES
- (G) MINIMUM 2 INCH DIAMETER GRINNELL 316
STAINLESS STEEL ANCHORS MINIMUM 12
INCHES FROM TOP OF SLAB
- (H) CONCRETE PAD TO BE A MINIMUM OF 6 FEET
WIDE AND 4 INCHES THICK WITH W.W.M.
REINFORCEMENT
- (J) VALVE BOX AND COVER
- (K) 1/2 INCH THICK NEOPRENE SLEEVE
BETWEEN PIPE AND CONCRETE PAD
- (L) DOUBLE DETECTOR CHECK VALVE AS
APPROVED BY UNIVERSITY OF
SOUTHERN CALIFORNIA

N.T.S.