



NOTES:

- EASEMENT LINE MUST BE ADJACENT TO THE ROAD RIGHT-OF-WAY OR APPROVED BY THE UTILITY.
- NO 3 INCH PIPING OR VALVES ALLOWED.
- ALL NUTS & BOLTS WILL BE 316 STAINLESS STEEL.
- ANTI-SEIZE LUBRICANT TO BE APPLIED ON ALL BOLT THREADS.
- PAINTING OF THE NUTS & BOLTS IS PROHIBITED.
- 90° BENDS MAY BE USED TO REPLACE 45° BENDS IF APPROVED BY THE ENGINEER OF RECORD.
- UNI-FLANGES, INSTA-FLANGE OR FLANGE ADAPTERS ARE PROHIBITED.
- 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.
- WITH THE CIVIL ENGINEER'S AND MEP ENGINEER'S WRITTEN APPROVAL THE 45 DEGREE BENDS MAY BE REPLACED WITH 90 DEGREE BENDS.
- PAINT COLOR - OSHA SAFETY RED.
- 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.