1. ALL MECHANICAL JOINT FITTINGS SHALL BE INSTALLED WITH MEGA-LUG RESTRAINT GLANDS.
2. BOLT TORQUE ON ALL FITTINGS SHALL CONFORM TO MANUFACTURER’S SPECIFICATIONS.
3. WATER MAIN ENTRY AND EXIT POINTS FROM THE METER VAULT SHALL BE CORE DRILLED ON SITE.
4. VOID S RPM AROUND THE WATER MAIN AT THE ENTRY AND EXIT POINTS FROM THE METER VAULT
   SHALL BE COMPLETELY GROUTED WITH MORTAR MIX.
5. METER SHALL BE TOUCH READ OR RADIO PER CHWD.
6. NO CONNECTIONS BETWEEN GATE VALVE AND WATER METER.

LID SPECIFICATIONS
54" X 102" TWO DOOR ALUMINUM, HINGED, TORSION ASSIST, VAULT ACCESS DOORS. BOLT DOWN SECURITY, STAINLESS STEEL SELF LOCKING SAFETY ARMS, NON-SKID AND GALVANIZED STEEL FRAME WITH (4) INTERIOR LEVELING BOLTS AND (4) CORNER LOCKING BOLTS. NON-SKID SURFACE TO BE ACHIEVED BY GARNET BLAST TO A 2-3 MILS ANCHOR PROFILE BEFORE APPLYING 25 WET MILS OF SONDGUARD BASE COAT, ALLOW TO DRY OVERNIGHT BEFORE APPLYING 20 WET MILS OF SONDGUARD TOP COAT AND WHILE STILL WET BROADCAST 16/30 SILICA AGGREGATE APPLIED AT 0.25 - 0.50 # PER SQ. FT. LIDS SHALL BE MARKED "WATER".

1 TEE W/ 10" FLANGED OUTLET
2 10" GATE VALVE - RESILIENT WEDGE - FLANGED TO TEE X MECHANICAL JOINT
3 10" DUCTILE IRON PIPE - PC350
4 10" 90° ELBOW - MJ x MJ
5 10" DUCTILE IRON SPOUT - FL x PLAIN END, CL53
6 #10 INSULATED COPPER LOCACTOR WIRE
7 10" 90° ELBOW - FL x FL
8 10" FLANGED COUPLING ADAPTOR - ROMAC OR EQUAL
9 10" FIRE SERVICE WATER METER - NEPTUNE PROTECTUS III, 100 cu. ft., (BY CONTRACTOR)
10 NON-TRAFFIC AREAS DRIVEWAY/SIDWALK AREAS
11 VAULT - RATED FOR H-20 CONTINUOUS TRAFFIC, 4'-0" x 8'-0" x 4'-0" REINFORCED CONCRETE VAULT. SHALL INCLUDE SUMP HOLE. TICHERT PRECAST 510 SERIES OR EQUAL.
12 SUPPORT STAND - PLACER WATER WORKS OR EQUAL, WITH A BOLT-TO-FLANGE SADDLE, HEIGHT DETERMINED IN FIELD
13 3/4" CLASS 2 AGGREGATE BASE - 2" MINIMUM, MECHANICALLY COMPACTED TO 90%.
14 VALVE BOX/LID - MARKED "WATER", DILCASTLE PRECAST NO. G04 BOX, G04 LID.
   SEE VB DETAIL VB_810 OR VB_811.
15 8' RISER - SIDES ONLY, CONTINUOUS SECTION
16 CONCRETE THRUST BLOCK - SEE DETAIL TB_001
17 CONCRETE BRICK - 2 1/4" x 3 3/4" x 7 1/2"