



COMPACTION AROUND BOX:  
NON-TRAFFIC: 90% MIN.  
TRAFFIC: 95% MIN.

**NOTES:**

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. VOIDS 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 SONOGUARD BASE COAT, ALLOW TO CURE OVERNIGHT BEFORE APPLYING 20 WET MILS OF SONOGUARD 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		11	VAULT - RATED FOR H-20 CONTINUOUS TRAFFIC, 4'-6" x 8'-6" x 4'-0" REINFORCED CONCRETE VAULT. SHALL INCLUDE SUMP HOLE. TEICHERT PRECAST 510 SERIES OR EQUAL.
2	10" GATE VALVE - RESILIENT WEDGE - FLANGED TO TEE x MECHANICAL JOINT		12	SUPPORT STAND - PLACER WATER WORKS OR EQUAL, WITH A BOLT-TO-FLANGE SADDLE, HEIGHT DETERMINED IN FIELD
3	10" DUCTILE IRON PIPE - PC350		13	3/4" CLASS 2 AGGREGATE BASE - 2" MINIMUM, MECHANICALLY COMPACTED TO 90%
4	10" 90° ELBOW - MJ x MJ		14	VALVE BOX/LID - MARKED "WATER", OLDCASTLE PRECAST NO. G04 BOX, G04C LID. SEE VB DETAIL VB_810 OR VB_811.
5	10" DUCTILE IRON SPOOL - FL x PLAIN END, CL53		15	8" RISER - SDR35 ONLY, CONTINUOUS SECTION
6	#10 INSULATED COPPER LOCATOR WIRE		16	CONCRETE THRUST BLOCK - SEE DETAIL TB_001
7	10" 90° ELBOW - FL x FL		17	CONCRETE BRICK - 2 1/4" x 3 3/4" x 7 1/2"
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/SIDEWALK AREAS		
	LID H10 INCIDENTAL TRAFFIC	H20 OCCASIONAL TRAFFIC		



**10" WATER SERVICE - 10" COMBINATION WATER METER  
NEW CONSTRUCTION**

**CITRUS HEIGHTS WATER DISTRICT**

APPROVED BY: *Robert A. Chumley* DATE: 5/8/13  
CITRUS HEIGHTS WATER DISTRICT

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