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 READ PER CHWID.
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 SONGUARD BASE COAT, ALLOW TO CURSE OVERNIGHT BEFORE APPLYING 20 WET MILS OF SONGUARD 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”.

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<tr>
<td><strong>TEE W/ 8” FLANGED OUTLET</strong></td>
<td><strong>8” GATE VALVE - RESILIENT WEDGE - FLANGED TO TEE X MECHANICAL JOINT</strong></td>
<td><strong>8” DUCTILE IRON PIPE - PC350</strong></td>
<td><strong>8” 90° ELBOW - MJ x MJ</strong></td>
<td><strong>8” DUCTILE IRON SPINDL - FL x PLAIN END, CL53</strong></td>
<td><strong>#10 INSULATED COPPER LOCATOR WIRE</strong></td>
<td><strong>8” 90° ELBOW - FL x FL</strong></td>
<td><strong>8” FLANGED COUPLING ADAPTOR - ROMAC OR EQUAL</strong></td>
<td><strong>8” FIRE SERVICE WATER METER - NEPTUNE PROTECTOR III, 100 cu. ft. (BY CONTRACTOR)</strong></td>
<td><strong>NON-TRAFFIC AREAS</strong></td>
<td><strong>DRIVEWAY/SIDWALK AREAS</strong></td>
<td><strong>VAULT - RATED FOR H-20 CONTINUOUS TRAFFIC, 4’-0” x 8’-6” x 4’-0” REINFORCED CONCRETE VAULT. SHALL INCLUDE SUMP HOLE, TEICHERT PRECAST 510 SERIES DR. EQUAL</strong></td>
<td><strong>SUPPORT STAND - PLACER WATER WORKS OR EQUAL, BOLT TO FLANGE SADDLE, HEIGHT DETERMINED IN FIELD</strong></td>
<td><strong>3/4” CLASS 2 AGGREGATE BASE - 2” MINIMUM, MECHANICALLY COMPACTED TO 90%</strong></td>
<td><strong>VALVE BOX/LID - MARKED “WATER”, OLDCASTLE PRECAST NO. 604 BOX, GO4C LID. SEE VB DETAIL VB_810 OR VB_01</strong></td>
<td><strong>8” RISER - SDR35 ONLY, CONTINUOUS SECTION</strong></td>
<td><strong>CONCRETE THRUST BLOCK - SEE DETAIL TB_001</strong></td>
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8” WATER SERVICE - 8” COMBINATION WATER METER NEW CONSTRUCTION

CITRUS HEIGHTS WATER DISTRICT

APPROVED BY: [Signature] DATE 5/8/13

CITRUS HEIGHTS WATER DISTRICT

DRAWN 8 MAY 2013
REvised
SCALE: N.T.S.
DESIGN P.A.D.
CAD FILE: WS_810.DWG
PAGE: WS_810