



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. VOIDS AROUND THE WATER MAIN AT THE ENTRY AND EXIT POINTS FROM THE METER BOX SHALL BE COMPLETELY GROUTED WITH MORTAR MIX.
4. LIDS SHALL BE MARKED 'WATER'.
5. METER SHALL BE TOUCH READ OR RADIO READ PER CHWD.
6. NO CONNECTIONS BETWEEN GATE VALVE AND WATER METER.

1	TEE W/ 4" FLANGED OUTLET			NON-TRAFFIC AREAS	TRAFFIC AREAS
2	4" GATE VALVE - RESILIENT WEDGE - FLANGED TO TEE x MECHANICAL JOINT	12	METER BOX	CHRISTY B48BOX	CHRISTY B3048BOX
		13	COVER	CHRISTY B48-62J	CHRISTY B3048-63JH
3	4" DUCTILE IRON PIPE - PC350	14	BOX EXTENSION	CHRISTY B48X10	CHRISTY B3048X12
4	4" 90° ELBOW - MJ x MJ	15	2' x 6' PRESSURE TREATED DOUGLAS FIR SUPPORTS (2)		
5	4" DUCTILE IRON SPOOL - FL x PLAIN END, CL53	16	3/4" CLEAN CRUSHED ROCK		
6	#10 INSULATED COPPER LOCATOR WIRE	17	VALVE BOX/LID - MARKED 'WATER', DLDCASTLE PRECAST NO. G04 BOX, G04C LID. SEE VB DETAIL VB_810 OR VB_811.		
7	4" 90° ELBOW - FL x FL				
8	4" x 3" REDUCER - FL x FL				
9	3" FLANGED COUPLING ADAPTOR - ROMAC OR EQUAL	18	8" RISER - SDR35 ONLY, CONTINUOUS SECTION		
10	3" STRAINER - NEPTUNE 53107-000 (BY CONTRACTOR)	19	CONCRETE THRUST BLOCK - SEE DETAIL TB_001		
11	3" COMPOUND WATER METER - NEPTUNE TRU/FLD, 100 cu. ft., (BY CONTRACTOR)	20	CONCRETE BRICK - 2 1/4" x 3 3/4" x 7 1/2"		



3" WATER SERVICE - 3" COMPOUND WATER METER
 NEW CONSTRUCTION

CITRUS HEIGHTS WATER DISTRICT

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

DRAWN: 8 MAY 2013
 REVISED:
 SCALE: N.T.S.
 DESIGN: P.A.D.
 CAD FILE: WS_300.DWG
 PAGE: WS_300