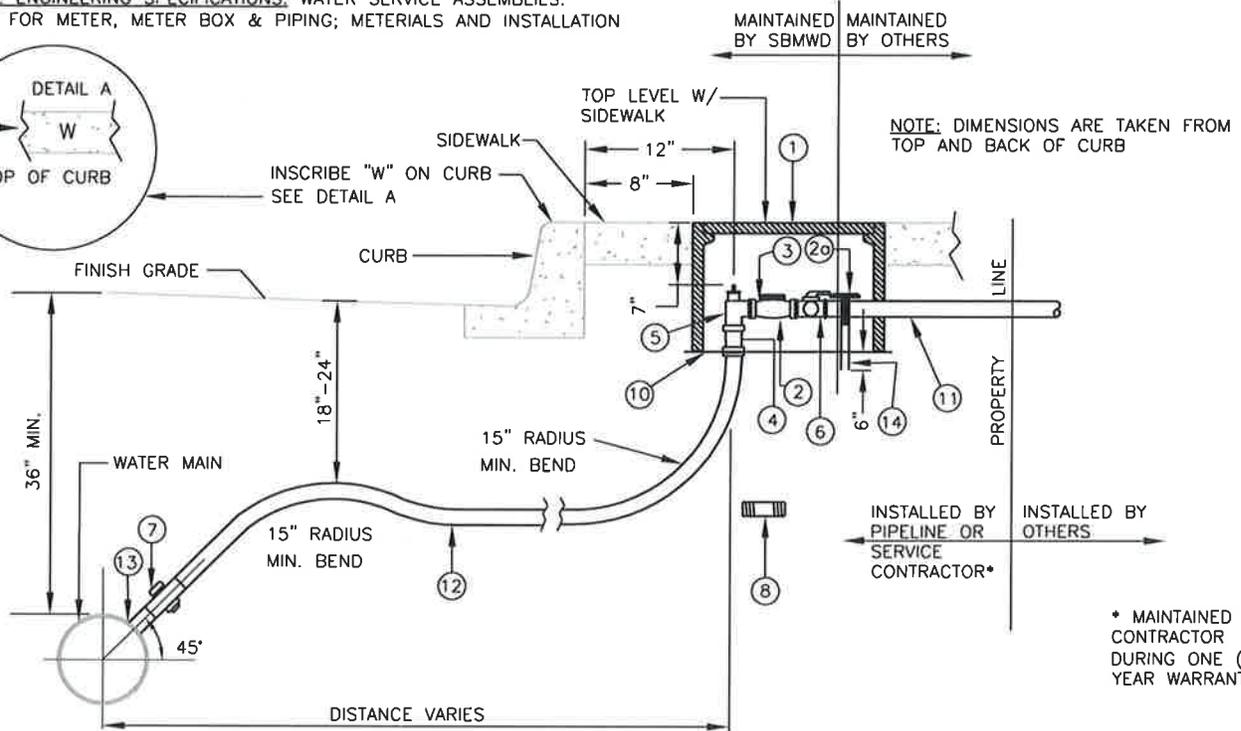
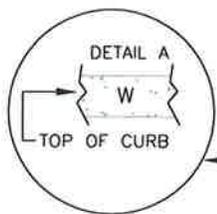
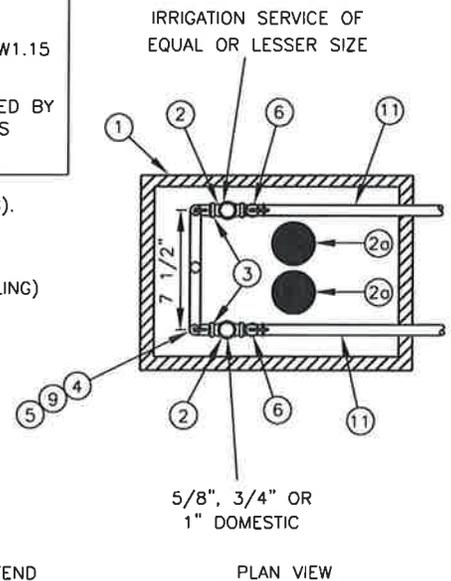


REFERENCE ENGINEERING SPECIFICATIONS: WATER SERVICE ASSEMBLIES:
404211 - FOR METER, METER BOX & PIPING; MATERIALS AND INSTALLATION



ITEM	QTY	DESCRIPTION
KIT FOR DEVELOPER INSTALLED SERVICES WATER SERVICE INSTALLATION	1 EA	NO. 6 (17" x 30") METER BOX (ARMORCAST A6001640APCX12) (W/ "WATER" OR "SBMWD" ON LID) OR J&R No. W6-T SERIES WITH H2O BODY AND COVER AS DETERMINED BY SBMWD.
	2 EA	5/8" x 3/4", 3/4" x 3/4", OR 1" x 1" WATER METER (SEE SBMWD STD. DWG. W1.15 FOR APPROVED LIST).
	OR 2 EA	SBMWD APPROVED METER AND TRANSMITTER ASSEMBLY, CURRENT ITRON USED BY DEPARTMENT OR APPROVED EQUAL. INSTALL MOUNTING PER MANUFACTURER'S SPECIFICATION (NEW TRACTS OR AS DIRECTED BY SBMWD ONLY).

- ③ _ EA 1" x 3/4" BRASS REDUCER, IF REQUIRED (COMPRESSION x METER COUPLING).
- ④ 1 EA MUELLER 1" x 1" x 7 1/2" MANIFOLD (COMPRESSION ON INLET SIDE) MUELLER PART NO. H-15363 OR EQUAL.
- ⑤ 2 EA (1" x 3/4" OR 1" x 1") LOCKWING ANGLE VALVE (COMPRESSION x METER COUPLING) (JONES J1963WSG OR EQUIVALENT).
- ⑥ 2 EA (3/4" OR 1") LOCKWING BALL VALVES (FEMALE NPT x METER COUPLING) (JONES J 1908W OR EQUAL).
- ⑦ 1 EA 1" BRASS CORPORATION STOP (COMPRESSION x MALE NPT) MUELLER H15025 OR EQUAL.
- ⑧ 2 EA ___ METER IDLER (JUMPER) (MALE METER COUPLING BY MALE METER COUPLING).
- ⑨ 2 EA PADLOCK
- ⑩ 1 EA 3/8" ROCK 4"-6" DEEP.
- ⑪ 2 EA (3/4", OR 1") SCHEDULE 80 THREADED (NPT) PVC PIPE NIPPLE (MUST EXTEND 6" BEYOND CUSTOMER SIDE OF SIDEWALK).
- ⑫ ___ LF 1" TYPE K SOFT COPPER TUBING (SBMWD APPROVED U.S. MANUFACTURE) SEE SBMWD SPECIFICATIONS FOR BACKFILL REQUIREMENTS.
- ⑬ 1 EA TAP MAIN DIRECTLY USING SBMWD APPROVED TAPPING MACHINE OR DRILL CLEAN 1" DIA. HOLE IN MAIN AND USE APPROVED SERVICE SADDLE.
- ⑭ 6" 3/8" REBAR, INSTALL PER MANUFACTURER'S INSTRUCTIONS WITH PIT MOUNTING BRACKET SUPPLIED. SEE 2_o ABOVE.



NOTE: MINIMUM TAP AND LATERAL SIZE IS 1 INCH DIAMETER.

REVISION DATE: 5/23/2016

D.D.M.	MAY 16	SAN BERNARDINO MUNICIPAL WATER DEPARTMENT	DRAWING NUMBER
F.D.L.	MAY 14		
F.D.L.	FEB. 13		SBMWD
F.D.L.	DEC. 12		
REVISION	DATE	APPROVED  DATE 6/27/16	W1.11
SCALE:	NONE		