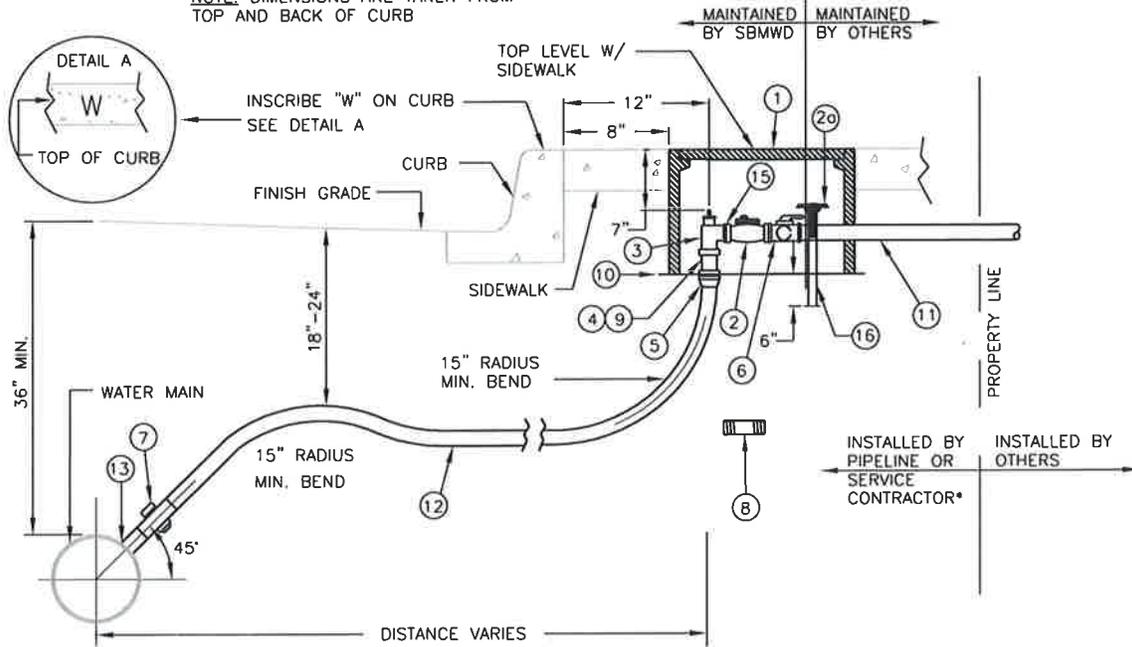


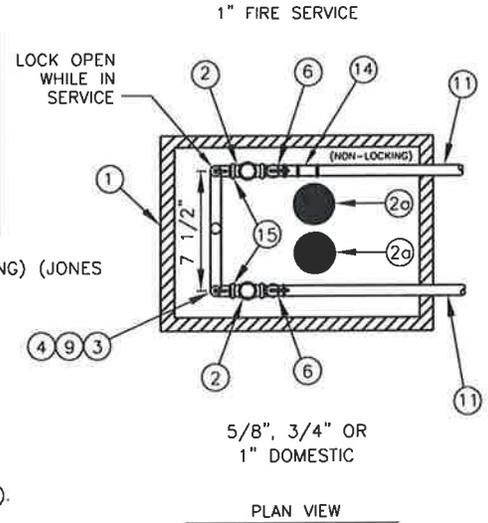
**REFERENCE ENGINEERING SPECIFICATIONS; WATER SERVICE ASSEMBLIES:
404211 - FOR METER, METER BOX & PIPING; MATERIALS AND INSTALLATION.**

**NOTE: DIMENSIONS ARE TAKEN FROM
TOP AND BACK OF CURB**



ITEM	QTY	DESCRIPTION
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	2 EA	5/8" x 3/4", 3/4", OR 1" WATER METER (SEE SBMWD STD. DWG. W1.15 FOR APPROVED LIST).
OR		
②a	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	1 EA	(1"x3/4" OR 1"x1") LOCKWING ANGLE VALVE (COMPRESSION X METER COUPLING) (JONES J1963WSG OR EQUIVALENT).
④	1 EA	MUELLER 1" X 1" X 7 1/2" MANIFOLD (COMPRESSION ON INLET SIDE) MUELLER PART NO. H-15363 OR EQUAL.
⑤	1 EA	1" ADAPTOR (COMPRESSION X MALE NPT).
⑥	2 EA	(1" OR 3/4") LOCKWING BALL VALVE (FEMALE NPT X METER COUPLING-M.C.) (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 PVC PIPE NIPPLE AND ADAPTER (MUST EXTEND 6" BEYOND CUSTOMER SIDE OF SIDEWALK).
⑫	---LF	1" TYPE K SOFT COPPER TUBING (SBMWD APPROVED U.S. MANUFACTURE) SEE 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	1 EA	SINGLE CHECK VALVE (THREADED BRASS).
⑮	- EA	1" M.C. TO 3/4" M.C. BRASS BUSHING, IF REQUIRED.
⑯	6"	3/8" REBAR. INSTALL PER MANUFACTURER'S INSTRUCTIONS WITH PIT MOUNTED BRACKET SUPPLIED. SEE 2a ABOVE.

KIT FOR DEVELOPER
INSTALLED SERVICES
WATER SERVICE
INSTALLATION



* MAINTAINED BY CONTRACTOR
DURING ONE (1) YEAR
WARRANTY PERIOD
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 1" FIRE SERVICE WITH 5/8", 3/4" AND 1" DOMESTIC SERVICE	DRAWING NUMBER
F.D.L.	APR. 15		SBMWD
F.D.L.	MAY 14		
F.D.L.	FEB. 13		
REVISION	DATE		
SCALE: NONE	APPROVED	 MIGUEL J. GUERRERO, P.E. RCE C73239	DATE <u>6/27/16</u> W1.3