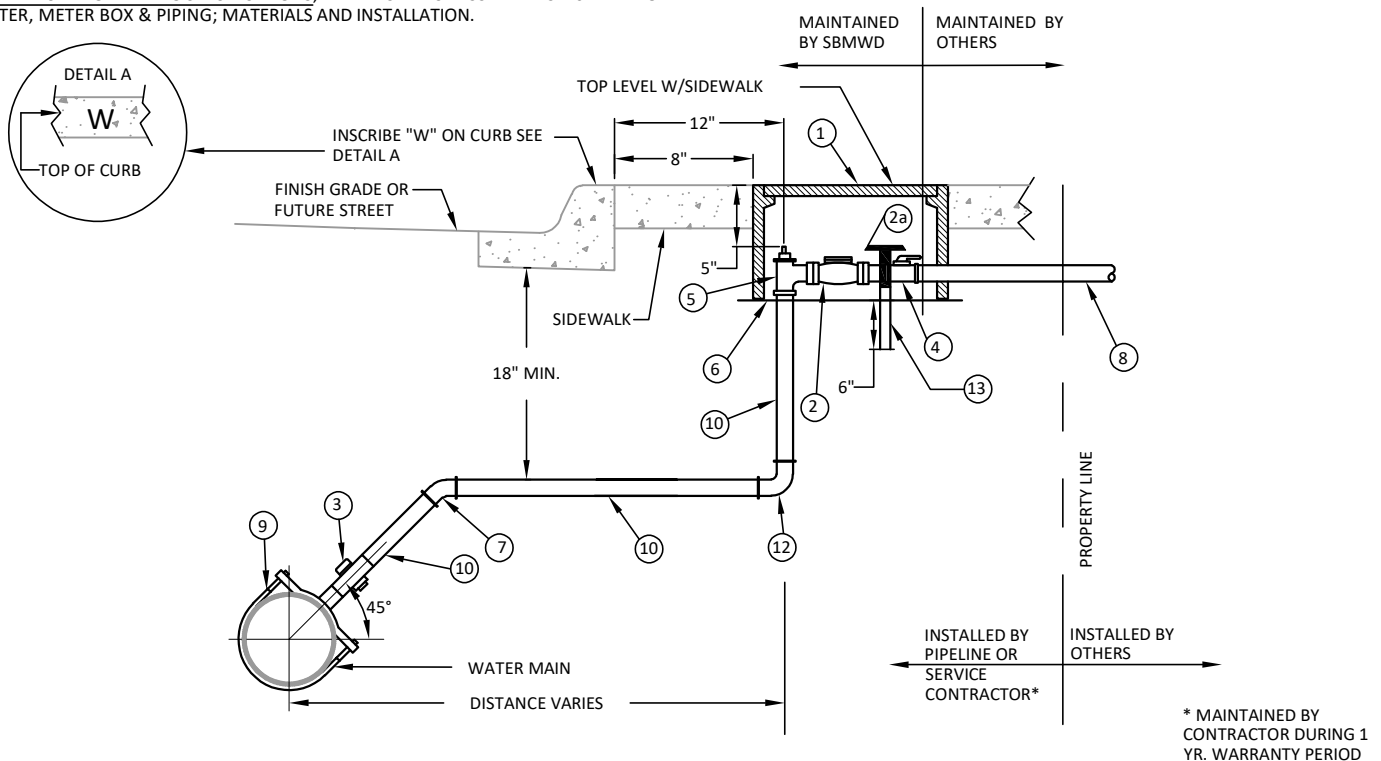


REFERENCE ENGINEERING SPECIFICATIONS; WATER SERVICE ASSEMBLIES: 404211 - FOR
METER, METER BOX & PIPING; MATERIALS AND INSTALLATION.



ITEM	QTY	DESCRIPTION
KIT FOR DEVELOPER INSTALLED SERVICES WATER SERVICE INSTALLATION	①	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	1 EA (1-1/2" OR 2") WATER METER (SEE SBMWD STD. DWG. W1.15 FOR APPROVED LIST).
	2a	1 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	(1-1/2" OR 2") BRONZE CORPORATION STOP (COMPRESSION X MALE NPT) MUELLER H15023 OR EQUAL.
④	1 EA	(1-1/2" OR 2") LOCKWING BALL VALVE NELES-JAMESBURY SERIES 1000 OR EQUAL.
⑤	1 EA	(1-1/2" OR 2") LOCKWING BRASS ANGLE METER STOP JONES J-1527F OR EQUAL.
⑥	1 EA	3/8" ROCK 4"-6" DEEP.
⑦	1 EA	(1-1/2" OR 2") BRASS 1/8 BEND WITH TWO ADAPTERS (MIP X COMP.).
⑧	1 EA	(1-1/2" OR 2") SCH 80 THREADED (NPT) PVC PIPE NIPPLE (MUST EXTEND 6" BEYOND CUSTOMER SIDE OF SIDEWALK).
⑨	1 EA	___ x (1-1/2" OR 2") SERVICE SADDLE FROM SBMWD APPROVED LIST OR (1-1/2" OR 2") WELD-ON THREAD-O-LET.
⑩	___ LF	(1-1/2" OR 2") TYPE L HARD COPPER TUBING (SBMWD APPROVED U.S. MANUFACTURE) SEE SPECIFICATIONS FOR BACKFILL REQUIREMENTS.
⑪	-	NOT USED
⑫	1 EA	(1-1/2" OR 2") BRASS COMPRESSION QUARTER BEND.
⑬	6"	3/8" REBAR. INSTALL PER MANUFACTURERS INSTRUCTIONS WITH PIT MOUNTING BRACKET SUPPLIED. SEE 2a ABOVE.

REVISION DATE: 5/23/2016

D.D.M.	MAY 16	SAN BERNARDINO MUNICIPAL WATER DEPARTMENT		DRAWING NUMBER
F.D.L.	MAY 14			SBMWD
F.D.L.	JAN. 13	1-1/2" AND 2" SERVICE DETAIL		W1.2
F.D.L.	DEC. 12			
REVISION	DATE	APPROVED 		DATE 07/04/2019
SCALE:	NONE	WARREN HUANG, P.E. RCE 49208		