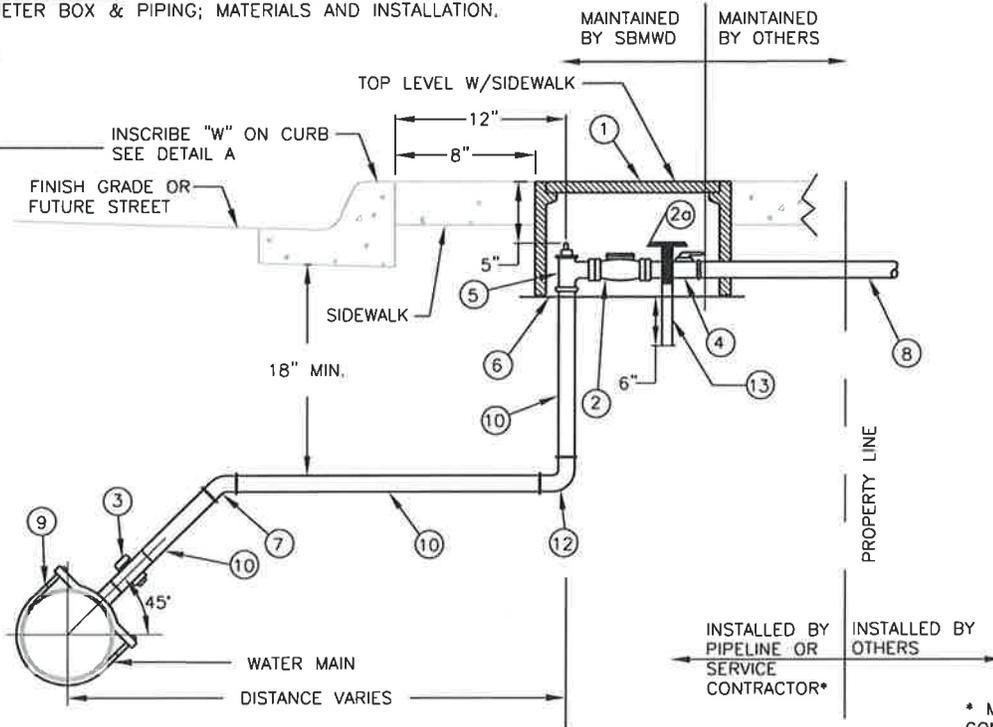
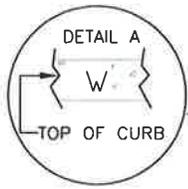


REFERENCE ENGINEERING SPECIFICATIONS; WATER SERVICE ASSEMBLIES:
 404211 - FOR METER, METER BOX & PIPING; MATERIALS AND INSTALLATION.



* MAINTAINED BY CONTRACTOR DURING 1 YR. WARRANTY PERIOD

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),
	OR 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 1-1/2" AND 2" SERVICE DETAIL	DRAWING NUMBER
F.D.L.	MAY 14		SBMWD
F.D.L.	JAN. 13		W1.2
F.D.L.	DEC. 12		
REVISION	DATE		
SCALE:	NONE	APPROVED  MIGUEL J. GUERRERO, P.E. RCE C73239	DATE <u>6/27/16</u>