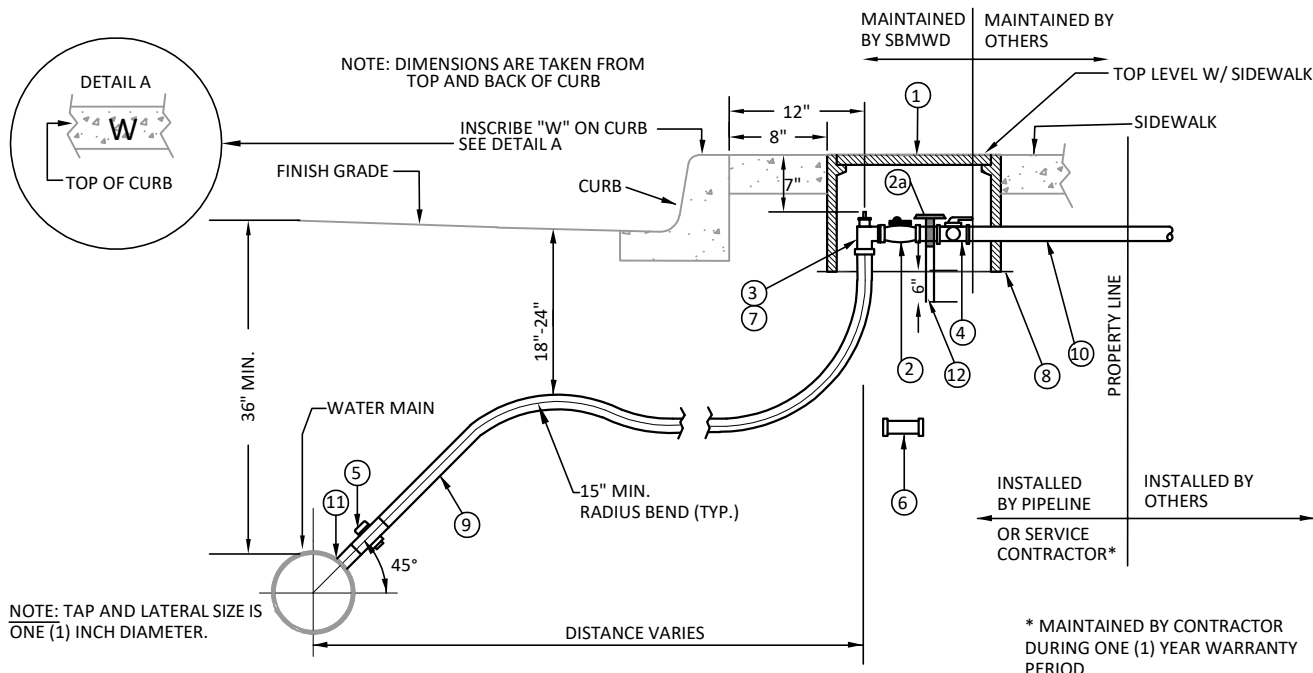


REFERENCE ENGINEERING SPECIFICATIONS; WATER SERVICE ASSEMBLIES:
404211 - FOR METER, METER BOX & PIPING; MATERIALS AND INSTALLATION.



ITEM	QTY	DESCRIPTION
KIT FOR DEVELOPER INSTALLED SERVICES WATER SERVICE INSTALLATION	① 1 EA	20"x14"x12" METER BOX (ARMORCAST A6001425A) (W/ "WATER" OR "SBMWD" ON LID) OR J&R No. W3-1/2-T SERIES WITH H2O BODY AND COVER AS DETERMINED BY SBMWD.
	② 1 EA	5/8"x3/4", 3/4"x3/4", OR 1"x1" 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"x3/4", OR 1"x1") LOCKWING (BALL) ANGLE VALVE (COMPRESSION x METER COUPLING) (JONES J1963WSG OR EQUIVALENT).
	④ 1 EA	(3/4" OR 1") LOCKWING BALL VALVE (FEMALE NPT x METER COUPLING) [JAMES JONES J-1908W OR EQUAL].
	⑤ 1 EA	1" BRASS CORPORATION STOP (COMPRESSION x MALE NPT) (MUELLER H15028 OR EQUAL).
	⑥ 1 EA	3/4" OR 1" METER IDLER (JUMPER) (MALE METER COUPLING BY MALE METER COUPLING) TO BE USED IN PLACE OF METER DURING CONSTRUCTION.
	⑦ 1 EA	PADLOCK
	⑧ 1 EA	INCLUDE 3/8" ROCK 4"-6" DEEP.
	⑨ ___ FT	1" TYPE K SOFT COPPER TUBING (SBMWD APPROVED U.S. MANUFACTURER) SEE SPECIFICATIONS FOR BACKFILL REQUIREMENTS.
	⑩ ___ "	(3/4", OR 1") SCHEDULE 80 THREADED (NPT) PVC PIPE NIPPLE (MUST EXTEND 6" BEYOND CUSTOMER SIDE OF SIDEWALK).
	⑪ 1 EA	TAP MAIN DIRECTLY USING SBMWD APPROVED TAPPING MACHINE OR DRILL CLEAN 1" DIA. HOLE IN MAIN AND USE APPROVED SERVICE SADDLE.
	⑫ 6"	3/8" REBAR. INSTALL PER MANUFACTURER'S INSTRUCTIONS WITH PIT MOUNTING BRACKET SUPPLIED. SEE 2a ABOVE.

REVISION DATE: 5/23/2016

D.D.M.	MAY 16	SAN BERNARDINO MUNICIPAL WATER DEPARTMENT 5/8", 3/4" AND 1" SERVICE DETAIL	DRAWING NUMBER
F.D.L.	MAY 14		SBMWD W1.1
F.D.L.	FEB 13		
F.D.L.	SEPT 11		
REVISION	DATE		
SCALE:	NONE	APPROVED  DATE 07/04/2019 WARREN HUANG, P.E. RCE 49208	