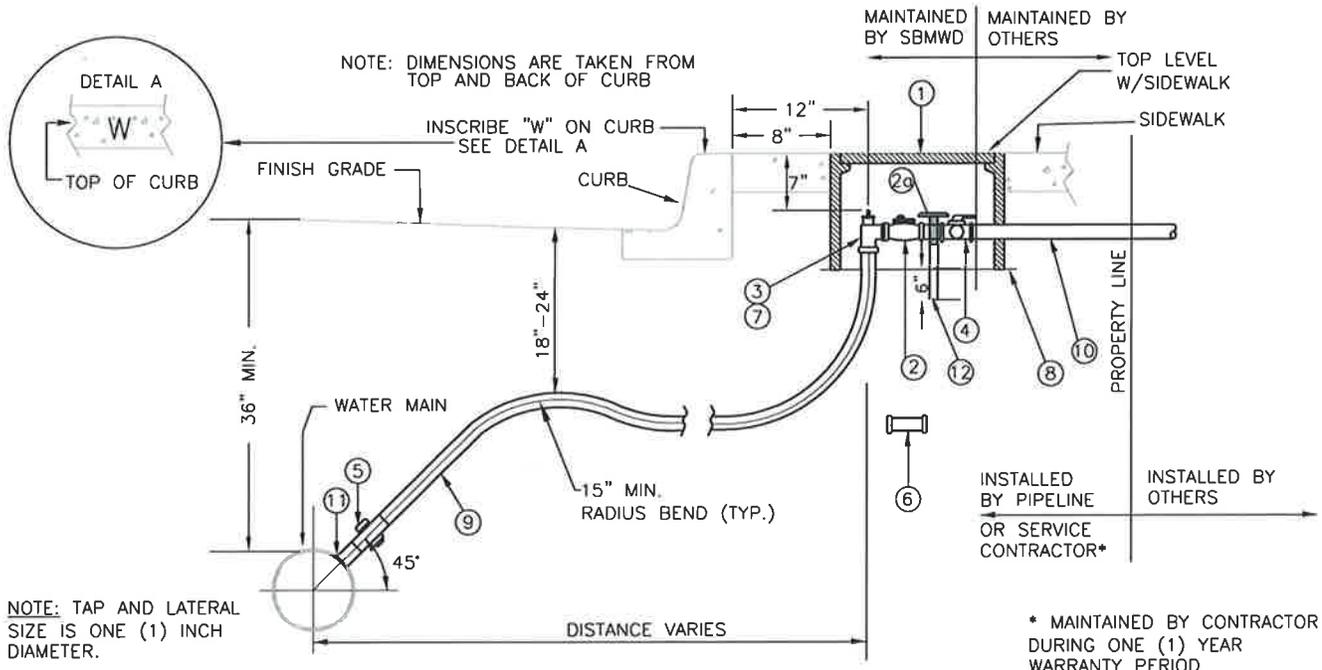


REFERENCE ENGINEERING SPECIFICATIONS; WATER SERVICE ASSEMBLIES:
404211 - FOR METER, METER BOX & PIPING; MATERIALS AND INSTALLATION.



* MAINTAINED BY CONTRACTOR DURING ONE (1) YEAR WARRANTY PERIOD

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
F.D.L.	MAY 14
F.D.L.	FEB 13
F.D.L.	SEPT 11
REVISION	DATE
SCALE:	NONE

SAN BERNARDINO MUNICIPAL WATER DEPARTMENT

5/8", 3/4" AND 1" SERVICE DETAIL

APPROVED DATE 6/27

MIGUEL J. GUERRERO, P.E. RCE C73239

DRAWING NUMBER
SBMWD
W1.1