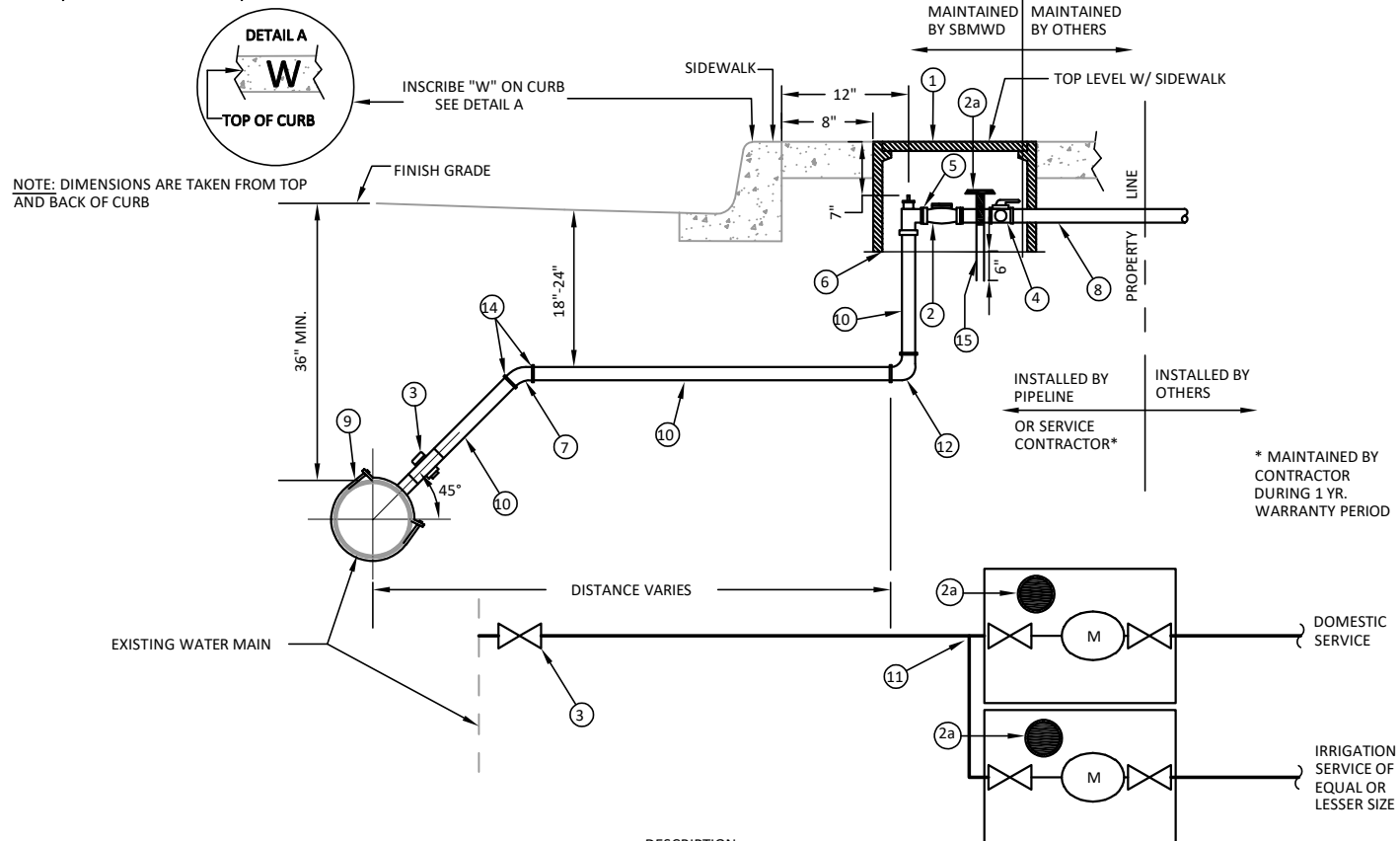


**REFERENCE ENGINEERING SPECIFICATIONS; WATER SERVICE ASSEMBLIES: 404211 - FOR
METER, METER BOX & PIPING; MATERIALS AND INSTALLATION.**



ITEM	QTY	DESCRIPTION
1	2 EA	NO. 6 (17" x 30") METER BOX, CDR No. WA03173012T4 (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	(1-1/2" OR 2") 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	(1-1/2" OR 2") BRONZE CORPORATION STOP (COMPRESSION X MALE NPT) MUELLER H15023 OR EQUAL.
4	2 EA	(1-1/2" OR 2") LOCKWING BALL VALVE JONES # J-1939WSG.
5	2 EA	(1-1/2" OR 2") LOCKWING BRASS ANGLE METER STOP JONES J-1975WSG OR EQUAL.
6	1 EA	3/8" ROCK 4"-6" DEEP.
7	1 EA	(1-1/2" OR 2") BEND 45° BRASS THREADED.
8	2 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. MANUFACTURER) SEE SBMWD SPECIFICATIONS FOR BACKFILL REQUIREMENTS.
11	1 EA	1-1/2" OR 2" x ___" BRASS TEE WITH 3 ADAPTORS (MIP x COMPRESSION).
12	1 EA	(1-1/2" OR 2") BRASS COMPRESSION QUARTER BEND OR BRASS THREADED QUARTER BEND WITH TWO ADAPTORS (MIP x COMP.).
13	-	NOT USED
14	2 EA	(1-1/2" OR 2") COPPER ADAPTER - MALE.
15	6"	3/8" REBAR. INSTALL PER MANUFACTURERS INSTRUCTIONS WITH PIT MOUNTING BRACKET SUPPLIED. SEE 2a ABOVE.

NOTE: SEE SBMWD SPECIFICATIONS FOR BACKFILL REQUIREMENTS.

REVISION DATE: 5/24/2016

D.D.M.	MAY 16	SAN BERNARDINO MUNICIPAL WATER DEPARTMENT 1-1/2" AND 2" SERVICE DETAIL FOR COMMERCIAL COMBINATION DOMESTIC AND IRRIGATION SERVICES	DRAWING NUMBER
F.D.L.	MAY 14		SBMWD
F.D.L.	JAN. 13		
F.D.L.	DEC. 12		
REVISION	DATE		
SCALE:	NONE	APPROVED  DATE 07/04/2019 WARREN HUANG, P.E. RCE 49208	W1.8