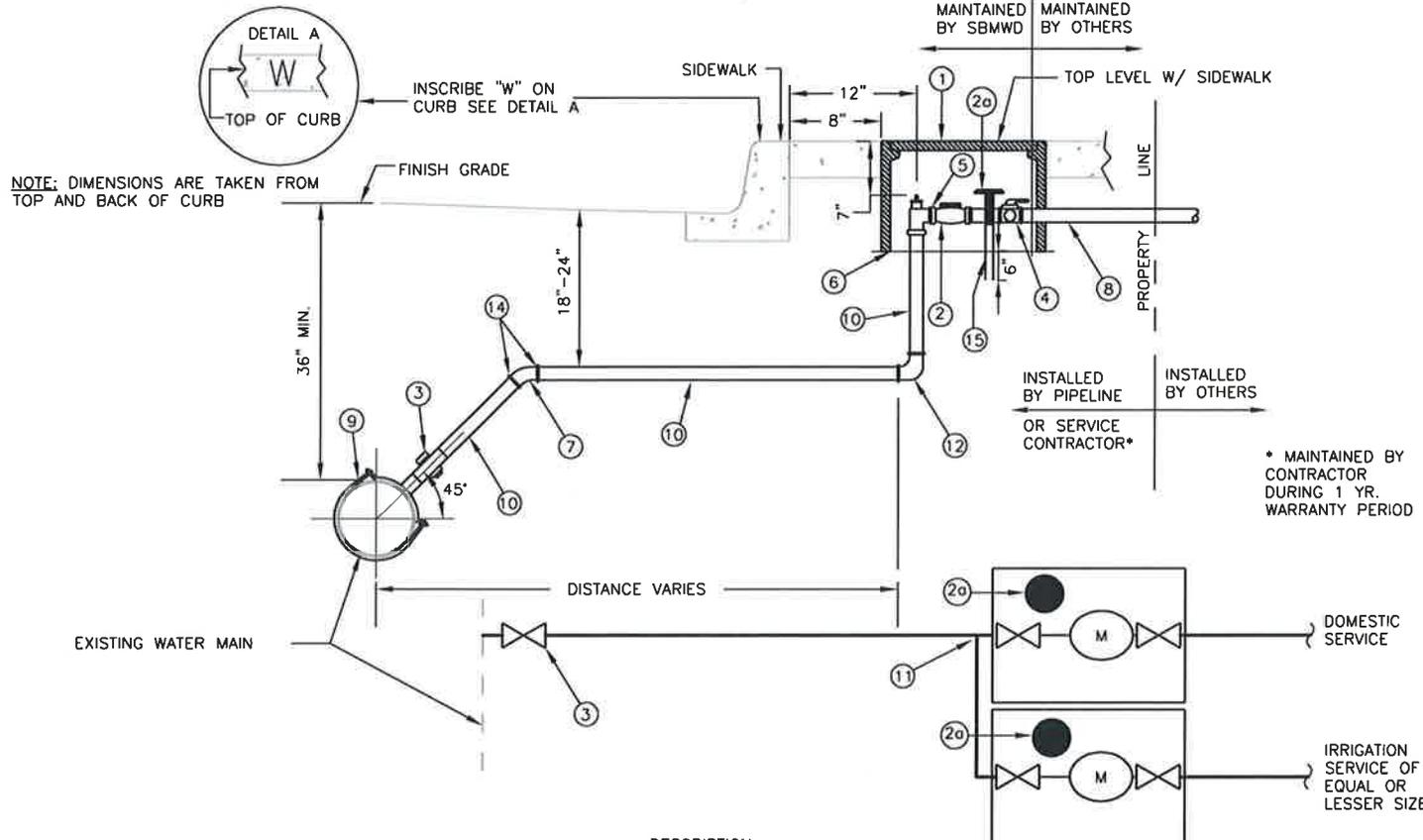


**REFERENCE ENGINEERING SPECIFICATIONS; WATER SERVICE ASSEMBLIES:
404211 - FOR METER, METER BOX & PIPING; MATERIALS AND INSTALLATION.**



ITEM	QTY	DESCRIPTION
①	2 EA	NO. 6 (17" x 30") METER BOX, CDR No. WAO3173012T4 (W/ "WATER" OR "SBMWD" ON LID) OR J&R No. W6-T SERIES WITH H2O BODY AND COVER AS DETERMINED BY SBMWD.
② OR 2a	2 EA	(1-1/2" OR 2") WATER METER. (SEE SBMWD STD. DWG. W1.15 FOR APPROVED LIST).
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		W1.8
F.D.L.	DEC. 12		
REVISION	DATE		
SCALE: NONE		APPROVED <i>[Signature]</i> DATE <i>6/27/16</i>	
		MIGUEL J. GUERRERO, P.E. RCE C73239	