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

NOTE: DIMENSIONS ARE TAKEN FROM TOP AND BACK OF CURB

INSCRIBE "W" ON CURB SEE DETAIL A

NOTE: TAP AND LATERAL SIZE IS ONE (1) INCH DIAMETER.

ITEM | QTY | DESCRIPTION
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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
3 | 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).
4 | 1 EA | (1"x3/4", OR 1"x1") LOCKWING BALL ANGLE VALVE (COMPRESSION x METER COUPLING) (JONES J963W5G OR EQUIVALENT).
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.

NOTE: TAP AND LATERAL SIZE IS ONE (1) INCH DIAMETER.

SAN BERNARDINO MUNICIPAL WATER DEPARTMENT

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

DRAWING NUMBER

SBMWD
W1.1

APPROVED
WENR HUANG, P.E. RCE 49208

DATE 07/04/2019

SCALE: NONE

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