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

**DETAIL A**

- **W.**
- **TOP OF CURB**

- **INSCRIBE "W" ON CURB SEE DETAIL A**

- **FINISH GRADE OR FUTURE STREET**

- **TOP LEVEL W/SIDEWALK**

- **12"**
- **8"**

- **SIDEWALK**

- **18" MIN.**

- **PROPERTY LINE**

- **INSTALLATION BY PIPELINE OR SERVICE CONTRACTOR**

- **INSTALLATION BY OTHERS**

- **MAINTAINED BY SBMWD**

- **MAINTAINED BY OTHERS**

- *** MAINTAINED BY CONTRACTOR DURING 1 YR. WARRANTY PERIOD**

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**ITEM** | **QTY** | **DESCRIPTION**
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1 | 1 EA | No. 6 (17" x 30") METER BOX (ARMORCAST A6001640PCX12) (W/ "WATER" OR "SBMWD" ON LID) OR J&R No. W6-T SERIES WITH H2O BODY AND COVER AS DETERMINED BY SBMWD.
2 | 1 EA | *(1-1/2" OR 2") WATER METER (SEE SBMWD STD. DWG. W1.15 FOR APPROVED LIST).*
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 | *(1-1/2" OR 2") BRONZE CORPORATION STOP (COMPRESSION X MALE NPT) MUELLER H15023 OR EQUAL.*
5 | 1 EA | *(1-1/2" OR 2") LOCKWING BALL VALVE NELES-JAMESBURY SERIES 1000 OR EQUAL.*
6 | 1 EA | *(1-1/2" OR 2") LOCKWING BRASS ANGLE METER STOP JONES J-1527F OR EQUAL.*
7 | 1 EA | 3/8" ROCK 4'-6" DEEP.
8 | 1 EA | *(1-1/2" OR 2") BRASS 1-8 BEND WITH TWO ADAPTERS (MIP X COMP.).*
9 | 1 EA | *(1-1/2" OR 2") SCH 80 THREADED (NPT) PVC PIPE NIPPLE (MUST EXTEND 6" BEYOND CUSTOMER SIDE OF SIDEWALK).*
10 | 1 EA | *(1-1/2" OR 2") SERVICE SADDLE FROM SBMWD APPROVED LIST OR (1-1/2" OR 2") WELD-ON THREAD-O-LET.*
11 | 1 EA | *(1-1/2" OR 2") TYPE 1 HARD COPPER TUBING (SBMWD APPROVED U.S. MANUFACTURE) SEE SPECIFICATIONS FOR BACKFILL REQUIREMENTS.*
12 | 1 EA | NOT USED
13 | 1 EA | *(1-1/2" OR 2") BRASS COMPRESSION QUARTER BEND.*
14 | 6" | 3/8" REBAR. INSTALL PER MANUFACTURERS INSTRUCTIONS WITH PIT MOUNTING BRACKET SUPPLIED. SEE 2a ABOVE.

**SAN BERNARDINO MUNICIPAL WATER DEPARTMENT**

**1-1/2" AND 2" SERVICE DETAIL**

**D.D.M.** | **MAY 16**
---|---
**F.D.L.** | **MAY 14**
**F.D.L.** | **JAN. 13**
**F.D.L.** | **DEC. 12**

**REVISION DATE: 5/23/2016**

**DRAWING NUMBER**

**SBMWD**

**W1.2**

**APPROVED**

**WARREN HUANG, P.E. RCE 49208**

**DATE**

**07/04/2019**

**SCALE:**

**NONE**