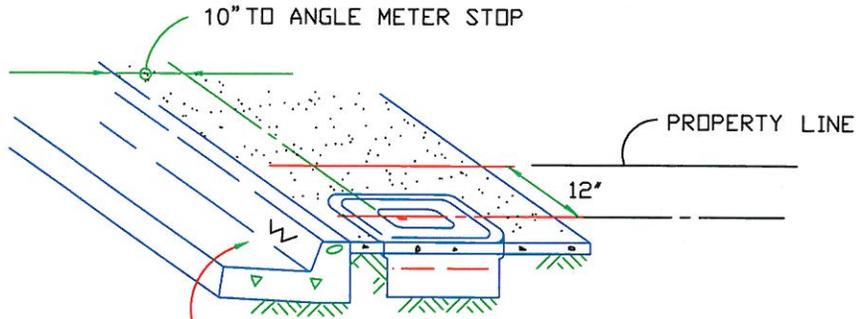


ITEM NO.	SIZE & DESCRIPTION	MANUFACTURER	SPEC. NO.	
①	DOUBLE STRAP BRONZE SERVICE SADDLE 1" I.P. OUTLET	JONES MUELLER FORD SMITH-BLAIR	J-979 I.P. H-16102 TO H-16116 101BS (STAINLESS)- SIZE I.P. 4 323-SIZE-08	
②	1" BRONZE CORPORATION STOP - BALL VALVE TYPE I.P. THREAD X COMPRESSION	JONES MUELLER FORD	J-1935 B-25028 FB-1100	
③	BRONZE ANGLE METER STOP - BALL VALVE TYPE W/ LOCKWING (COMPRESSION TYPE)	JONES MUELLER FORD	5/8" METER I963W B-24258 BA43-342W	1" METER I963W BA43-444W
④	BRONZE CUSTOMER SERVICE - BALL VALVE TYPE METER NUT x F.I.P. (SUPPLIED BY DISTRICT)	JONES FORD	5/8" METER J-1908 B13-342 W/ HT-34	1" METER J-1908 B13-444 W/ HT-34
⑤	1" COPPER TUBING	REDDING MUELLER	COPPER TYPE "K" SOFT	
⑥	CONCRETE METER BOX W/ READING LID (SEE NOTES 3, 6, & 10)	BROOKS EISEL	5/8" MTR BOX 38 MB W438 MB	1" MTR LID 38-S W438 PC
⑦	6" BASE OF 3/4" ROCK	SEE SPECS.		

1" SERVICE INSTALLATION

REVISIONS				CITY OF SAN JUAN CAPISTRANO		STD. NO.
NO.	DATE	APPROVED		APPROVED	DATE	W-1
			 WATER ENGINEERING MANAGER	9.17.2012	DATE	SHEET 1 OF 2



GRIND OR STAMP 2" "W" IN CURB FACE TO IDENTIFY POTABLE WATER SERVICE LOCATION OR 2" "DW" TO IDENTIFY RECYCLED WATER SERVICE LOCATION

CONSTRUCTION NOTES

1. DOUBLE STRAP SERVICE SADDLE REQUIRED FOR ALL SERVICE CONNECTIONS TO ANY SIZE MAIN. SERVICE SADDLE SHALL NOT BE INSTALLED WITHIN 18" OF A VALVE, COUPLING, FITTING, OR OTHER SERVICE TAPS. DIRECT TAPPS ARE NOT PERMITTED.
2. INSTALL CORPORATION STOP WITH KEY SIDWAYS IN OPEN POSITION.
3. SET TOP OF METER BOX FLUSH WITH SIDEWALK OR CURB AS SHOWN.
4. THE CORPORATION STOP TAP SHALL BE MADE AS SPECIFIED BY THE PIPE MANUFACTURER'S INSTALLATION GUIDE. ALL TAPS SHALL BE MADE WITH MACHINE GUIDE OR PILOT TAP.
5. THE WATER SERVICE SHALL EXTEND PERPENDICULAR TO THE CENTERLINE OF THE STREET FROM THE WATER MAIN TO THE METER STOP.
6. METER BOX SHALL BE SET IN SIDEWALK WHERE SIDEWALK IS ADJACENT TO CURB, OR IN PARKWAY BETWEEN CURB AND SIDEWALK.
7. SOLDER USED IN JOINING COPPER PIPE, FITTINGS AND SPLICES SHALL BE A "SILVER SOLDER" COMPOSED OF NOT LESS THAN 15% SILVER (Ag), NOT LESS 80% COPPER (Cu), AND NOT MORE THAN 5% PHOSPHORUS (P). SOLDERS CONTAINING FILLER ELEMENTS, OTHER THAN THOSE SPECIFIED, SUCH AS LEAD (Pb), ZINC (Zn), CADMIUM (CAD), NICKEL (Ni) OR TIN (Sn) WILL NOT BE PERMITTED.
8. ALL NON-POTABLE WATER SERVICES SHALL BE MARKED AS DETAILED IN SECTION 15151 OF THE SPECIFICATIONS.
9. ALL JOINTS TO CORP STOPS AND ANGLE METER STOPS SHALL BE COMPRESSION (NO FLARED FITTINGS).
10. METER BOXES SHALL NOT BE PLACED IN DRIVEWAYS.
11. METER BOX AND SERVICE PIPING TO BE FURNISHED AND INSTALLED BY APPLICANT.
12. FOR THE PURPOSE OF AN IRRIGATION SERVICE, NO BALL VALVE IS NEEDED. A STRAIGHT METER COUPLING SHOULD BE USED.

1" SERVICE INSTALLATION

REVISIONS			CITY OF SAN JUAN CAPISTRANO	STD. NO.
NO.	DATE	APPROVED		W-1
			APPROVED <i>[Signature]</i> 9.17.12	SHEET 2 OF 2
			WATER ENGINEERING MANAGER DATE	