



METER LAYING LENGTH	
1" METER (1" THREAD)	10 1/2"
3/4" METER (1" THREAD)	9"
5/8" METER (3/4" THREAD)	9" (ALLOWS FOR TWO 3/4" TO 1" BUSHINGS)

CONSTRUCTION ITEMS / MATERIALS LIST

NO.	SIZE AND DESCRIPTION	MANUFACTURER	MFR. CAT. NO.
①	LEAD FREE BRONZE OR BRASS SERVICE SADDLE WITH IP TAP	FORD, JONES, MUELLER	S-91 SERIES, J-996, H13000 SERIES
②	1 INCH LEAD FREE BRONZE CORPORATION STOP	A-Y MCDONALD, FORD, JONES	74704-22, F1100-4, J-3403
③	1 INCH TYPE K SOFT COPPER TUBING	TYPE "K" SOFT	
④	PLASTIC METER BOX	DFW	DFW486WB4-12-4A(BOX) DFW486SA-1(COVER)
⑤	METER	FURNISHED & INSTALLED BY CITY SEE NOTES 1 AND 5 (BELOW)	
⑥	1 INCH BRONZE METER COUPLING	A-Y MCDONALD, FORD	74628 1 x 2, C38-44
⑦	1 INCH LEAD FREE BRONZE CURB STOP WITH LOCKING WING NUT	A-Y MCDONALD, FORD, JONES	76101W, B11-444W, J-1900
⑧	1 INCH LEAD FREE BRONZE 90° BEND COMPRESSION X M.I.P.	A-Y MCDONALD, FORD, JONES	74779M-22, L84-44, J-2619
⑨	COMMON BRICK (TYPICAL)	ONE AT EACH CORNER	

NOTES:

- CONNECTION TO WATER MAINS GREATER THAN 12 INCHES IN DIAMETER OR ANY WATER MAIN MADE OF STEEL (CML&C, CYLINDER, ETC.) REQUIRES APPROVAL FROM WATER RESOURCES DIVISION.
- WHEN CONNECTING A 5/8" METER TO A 1" SERVICE, USE A BRONZE WATER METER BUSHING ON BOTH ENDS (FORD A-34 OR APPROVED EQUAL).
- NO SPLICES WILL BE PERMITTED BETWEEN THE CORPORATION STOP AND THE CURB STOP.
- NO TAP TO A MAIN SHALL BE WITHIN 18" OF A COUPLING OR WITHIN 18" OF ANOTHER TAP.
- UNDER NORMAL CONDITIONS THE WATER SERVICE SHALL EXTEND PERPENDICULAR TO THE CENTERLINE OF THE STREET FROM THE WATER MAIN TO THE METER STOP.
- METER IS TO BE INSTALLED BY THE CITY AFTER METER BOX IS IN PLACE.
- CURB STOP IS TO BE INSTALLED PLUMB AND SQUARE WITH THE CURB.
- IN NO CASE SHALL THE O.D. OF THE TUBE BE DISTORTED TO EXCEED 1.125 TIMES ORIGINAL DIAMETER.
- METER LAYING LENGTH IS MEASURED FROM THE FACE OF THE METER COUPLINGS. THE DISTANCE BETWEEN COUPLINGS SHALL NOT DEVIATE FROM THOSE SPECIFIED IN THE METER LAYING LENGTH TABLE.
- METER BOX IS TO BE POSITIONED SO THAT METER FACE IS HORIZONTALLY CENTERED WITHIN THE BOX. THE TOP OF THE BOX SHALL BE LEVEL AND FLUSH WITH THE TOP OF THE CURB.
- METER BOX SHALL HAVE 5' CLEARANCE FROM ANY WALL, OTHER UTILITIES OR SUB-SURFACE FACILITIES, UNLESS APPROVED BY WATER RESOURCES DIVISION.

(A) HOUSE LINE PER PLUMBING CODE REQUIREMENTS.

(B) JUMPER (AS NECESSARY) FOR TEMPORARY USE IN SUBDIVISIONS. THE LENGTH MUST CORRESPOND TO THE APPROPRIATE LENGTH OF THE METER TO BE INSTALLED BY CITY FORCES AS SPECIFIED IN THE METER LAYING LENGTH TABLE ABOVE.

APPROVED: DATE: 3/8/2016

Nami D Saha

CITY OF SANTA ANA

PUBLIC WORKS AGENCY



DATE		REVISION
5/16/02	A.F.	METER BOX
3/17/08	R.R.	UPDATED
6/4/13	J.A.	UPDATED
3/1/16	R.R.	ADDED NOTE 1

1" COPPER WATER SERVICE

STD. PLAN
NUMBER
1401