



METER LAYING LENGTH	
1 1/2" METER	13"
2" METER	17"

CONSTRUCTION ITEMS / MATERIALS LIST			
NO.	SIZE AND DESCRIPTION	MANUFACTURER	MFR. CAT. NO.
①	LEAD FREE BRONZE OR BRASS SERVICE SADDLE WITH I.P. TAP	FORD, JONES, MUELLER	S-91 SERIES, J-996, H13000 SERIES
②	2 INCH LEAD FREE BRONZE CORPORATION STOP	A-Y MCDONALD, FORD, JONES	74704B-22, FB1100-7, J-1936
③	2 INCH TYPE K SOFT COPPER TUBING	TYPE "K" SOFT	
④	PLASTIC METER BOX	DFW	DFW1640C4-12-4C(BOX) DFW1640-4(COVER)
⑤	METER	FURNISHED & INSTALLED BY CITY SEE NOTE 4 (BELOW)	
⑥	LEAD FREE FLANGE COUPLING WITH I.P. FEMALE THREAD	A-Y MCDONALD, FORD	7610F CF31-66 (1 1/2"), CF31-77 (2")
⑦	LEAD FREE BRONZE FLANGED CURB STOP WITH PADLOCK WING	FORD	BF13-777WK
⑧	SOLDERED COPPER COUPLINGS		
⑨	LEAD FREE BRONZE 90° ELBOW - COMPRESSION CONNECTIONS	FORD	L44-77 (2")
⑩	LEAD FREE BRONZE 90° ELBOW - COMPRESSION X M.I.P.	A-Y MCDONALD, FORD	74779M-22 (2"), L84-77 (2")
⑪	COMMON BRICK (TYPICAL)	ONE AT EACH CORNER & ONE AT MIDPOINT OF EACH LONGSIDE	

NOTES:

1. 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.
 2. NO COUPLING WILL BE PERMITTED BETWEEN CURB STOP AND CORPORATION STOP EXCEPT WHEN THE LENGTH BETWEEN THE ELBOW AND THE CORPORATION STOP EXCEEDS 20'.
 3. NO TAP TO A MAIN SHALL BE WITHIN 18" OF A COUPLING OR WITHIN 18" OF ANOTHER TAP.
 4. UNDER NORMAL CONDITIONS THE WATER SERVICE SHALL EXTEND PERPENDICULAR TO THE CENTERLINE OF THE STREET FROM THE WATER MAIN TO THE METER STOP.
 5. METER IS TO BE INSTALLED BY THE CITY AFTER METER BOX IS IN PLACE.
 6. CURB STOP IS TO BE INSTALLED PLUMB AND SQUARE WITH THE CURB.
 7. IN NO CASE SHALL THE TUBE BE DISTORTED BEYOND ITS ELASTIC LIMIT.
 8. 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.
 9. 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.
 10. METER BOX SHALL HAVE 5' CLEARANCE FROM ANY WALL, OTHER UTILITIES OR SUB-SURFACE FACILITIES, UNLESS APPROVED BY WATER RESOURCES DIVISION.
- Ⓐ HOUSE LINE PER PLUMBING CODE REQUIREMENTS.
- Ⓑ 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
Namir Sagu

CITY OF SANTA ANA
 PUBLIC WORKS AGENCY



DATE		REVISION
9/28/01	A.F.	TYPICAL BRICK
3/17/08	R.R.	REMOVE 1 1/2" SERVICE
6/4/13	J.A.	UPDATED
3/1/16	R.R.	ADDED NOTE 1

2" COPPER WATER SERVICE

STD. PLAN NUMBER
1402