



CONSTRUCTION ITEMS / MATERIALS LIST

NO.	SIZE AND DESCRIPTION	MANUFACTURER	MFR. CAT. NO.
①	TAPPING SLEEVE (EPOXY COATED & STAINLESS STEEL BOLTS)	FORD SMITH-BLAIR	FTSC 622
②	TAPPING VALVE, "RESILIENT WEDGE" FLG. x M.J.	CLOW OR EQUAL	F-6108
③	LATERAL PIPE; CLASS 200, C900 P.V.C.	_____	_____
④	WATER METER SIZED PER APPROVED PLANS. METER SUPPLIED, INSTALLED, AND MAINTAINED BY CITY'S WATER RESOURCES DIVISION.	SEE CITY STD. PLANS 1401 & 1402.	
⑤	CURB STOP VALVE SUPPLIED AND INSTALLED BY PRIVATE PROPERTY OWNER OR REPRESENTATIVE. AFTER INITIAL INSTALLATION, CURB STOP WILL BE MAINTAINED BY THE CITY'S WATER RESOURCES DIVISION.	SEE CITY STD. PLANS 1401 & 1402.	
⑥	METER BOX SUPPLIED AND INSTALLED BY CUSTOMER. AFTER INITIAL INSTALLATION, METER BOX WILL BE MAINTAINED BY CITY.	SEE CITY STD. PLANS 1401 & 1402.	

APPROVED: *Narind Singh* DATE: 3/8/2016

CITY OF SANTA ANA
PUBLIC WORKS AGENCY



DATE	R.R.	REVISION
3/1/16	R.R.	NEW

PRIVATE WATER LINES WITH PUBLIC METERS

STD. PLAN NUMBER
1442

GENERAL NOTES:

1. PRIVATE WATER LINES MUST BE CONSTRUCTED IN CONFORMANCE WITH THE CALIFORNIA WATERWORKS STANDARDS AND THE CITY'S WATER RESOURCES DIVISION. LOOPED WATER LINES MUST ALSO BE PROTECTED AGAINST BACKFLOW AT EACH CONNECTION TO THE CITY'S PUBLIC WATER SYSTEM.
2. IT IS THE RESPONSIBILITY OF THE OWNER OF THE PRIVATE WATER LINE TO HANDLE ALL ROUTINE AND EMERGENCY REPAIRS, OPERATION, AND THE UPKEEP OF ALL ABOVE GROUND APPURTENANCES AS WELL AS UNDERGROUND VALVES, FITTINGS, PIPES, AND SERVICE CONNECTIONS UP TO THE METER CURB STOP.
3. APPROVED BACKFLOW PREVENTION DEVICE TO BE INSTALLED BY OWNER. CONTACT WATER QUALITY COORDINATOR AT 714-647-3320 FOR APPROVED LIST.
4. MODIFICATIONS TO THE PRIVATE WATER LINES OR THEIR APPURTENANCES SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY'S WATER RESOURCES DIVISION'S STANDARD PLANS AND THE CALIFORNIA WATERWORKS STANDARDS. THIS INCLUDES THE RENEWAL, ADDITION, OR REMOVAL OF SERVICE CONNECTIONS. ALL WORK PERFORMED MUST BE PERMITTED BY THE PUBLIC WORKS AGENCY.
5. ALL NEW DEVELOPMENTS SERVING MULTI-FAMILY DWELLINGS SUCH AS APARTMENTS, CONDOMINIUMS, TOWNHOMES, MOBILE HOME PARKS, MULTI-TENANT INDUSTRIAL AND COMMERCIAL CENTERS, AND MIXED USE DEVELOPMENTS ARE REQUIRED TO PROVIDE SEPARATE INDIVIDUAL DOMESTIC WATER SERVICES AND METERS TO ALL UNITS WITHIN THE DEVELOPMENT. WHEN THE INSTALLATION OF SEPARATE INDIVIDUAL DOMESTIC METERS IS DETERMINED TO BE INFEASIBLE BY THE CITY'S WATER RESOURCES DIVISION, DEVELOPMENTS WILL INSTALL A MASTER METER IN ACCORDANCE WITH THE CITY STANDARD PLANS 1403A-D.
6. ALL NEW DEVELOPMENTS SHALL PAY ALL RELATED NEW WATER SERVICE FEES FOR THE INSTALLATION OF METERS.
7. CONTRACTOR SHALL INSTALL WATER SERVICE, STOP VALVES AND METER BOX. THE CITY'S WATER RESOURCES DIVISION WILL INSTALL THE METER AND ACTIVATE THE SERVICE UPON COMPLETION OF A WATER SERVICE ACCOUNT REQUEST BY THE NEW WATER CUSTOMER.
8. THE CITY RESERVES THE RIGHT TO ACCESS PRIVATE PROPERTY FOR THE PURPOSES OF READING METERS AND MAINTAINING CITY OWNED METER FACILITIES. ONCE INSTALLED AND APPROVED, THE CITY WILL RETAIN OWNERSHIP OF AND MAINTAIN THE UPSTREAM STOP VALVE, METER, METER BOX, AND COVER.
9. EASEMENTS FOR THE MAINTENANCE REPAIR AND INSTALLATION OF WATER METERS AND RELATED APPURTENANCES SHALL BE DEDICATED TO THE CITY'S WATER RESOURCES DIVISION.
10. IF METER BOXES ARE PLACED IN PARKING LOTS OR AREAS THAT MAY RECEIVE TRAFFIC, METER BOX SHALL BE TRAFFIC RATED.
11. PUBLIC METERING WILL BE REQUIRED REGARDLESS OF WHETHER THE ONSITE WATER DISTRIBUTION SYSTEM IS PUBLICLY OR PRIVATELY OWNED AND MAINTAINED.
12. THIS REQUIREMENT WILL NOT BE IMPOSED ON LOW-INCOME HOUSING, STUDENT DORMITORIES, LONG-TERM HEALTH CARE FACILITIES, TIME-SHARE PROPERTIES, HIGH-RISE BUILDINGS AND HOTELS.



APPROVED:

DATE: 3/8/2016

Naghib Saba

CITY OF SANTA ANA
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