



- (A) INSTALL SERVICE LATERAL, EQUIPMENT AND METER PER SBMWD STD DWG NO. \_\_\_\_\_. LOCATION IS SUBJECT TO APPROVAL BY WATER QUALITY CONTROL.
- (B) IF GIVEN A WAIVER TO INSTALL A BACKFLOW ASSEMBLY A CERTAIN DISTANCE FROM THE METER, THEN THE PIPING SHALL BE EXPOSED FROM THE SERVICE METER TO THE BACKFLOW ASSEMBLY WITH NO TEES OR CONNECTIONS, AND ENCASED IN A TWO SACK SLURRY MIX. THE WORK SHALL BE WITNESSED AND APPROVED BY WATER QUALITY CROSS-CONNECTION CONTROL.
- (C) THE ASSEMBLY SHALL BE INSPECTED AND APPROVED BY SBMWD IMMEDIATELY AFTER INSTALLATION. THE ASSEMBLY MUST BE TESTED BY A CERTIFIED BACKFLOW TESTER.
- (D) INSTALLED AND MAINTAINED BY CONSUMER PER CITY OF SAN BERNARDINO BUILDING AND SAFETY SPECIFICATIONS.

**NOTES:**

1. THE ASSEMBLY MUST BE INSPECTED AND APPROVED BY SBMWD IMMEDIATELY AFTER INSTALLATION. THE ASSEMBLY MUST BE TESTED BY A CERTIFIED BACKFLOW TESTER, ISSUED BY THE ADMINISTRATIVE AUTHORITY HAVING JURISDICTION.
2. NO CONNECTIONS, STRAINERS, OR TEES ARE PERMITTED BETWEEN THE METER AND BACKFLOW PREVENTER.
3. PRIOR TO INSTALLATION OF THE ASSEMBLY, THE WATER SERVICE SHALL BE FLUSHED.
4. A MANIFOLD CONNECTION WITH DUPLEX UNITS SHOULD BE INSTALLED IF AN UNINTERRUPTED SUPPLY OF WATER IS NECESSARY.
5. A PRESSURE RELIEF VALVE MAY NEED TO BE INSTALLED DOWNSTREAM OF THE REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION ASSEMBLY PER SEC. 1007 OF THE UNIFORM PLUMBING CODE, AND/OR AS REQUIRED BY SBMWD.
6. SWAB INTERIOR OF PIPE, VALVES, AND FITTINGS, AND SWAB INTERIOR OF EXISTING MAINS TO WHICH NEW PIPING WILL BE CONNECTED (BOTH UPSTREAM AND DOWNSTREAM OF THE NEW BACKFLOW ASSEMBLY) WITH A 5% SODIUM HYPOCHLORITE SOLUTION. AFTER DISINFECTION, FLUSH WITH POTABLE WATER AGAIN UNTIL WATER IS FREE OF CHLORINE ODOR.
7. BEGINNING JANUARY 1, 2010, STATE LAW PROHIBITS THE INTRODUCTION INTO COMMERCE OF ANY BACKFLOW PREVENTERS, PIPE, PLUMBING FITTING, OR FIXTURE INTENDED TO CONVEY OR DISPENSE WATER FOR HUMAN CONSUMPTION THAT CONTAIN LEAD PRODUCTS. HOWEVER, SERVICE SADDLES, BACKFLOW PREVENTERS FOR NON-POTABLE SERVICES SUCH AS IRRIGATION AND INDUSTRIAL, AND WATER DISTRIBUTION MAIN GATE VALVES THAT ARE TWO INCHES IN DIAMETER AND ABOVE ARE EXCLUDED (AB 1953, CHAN LEAD PLUMBING).
8. ANY BACKFLOW RELATED INSTALLATION AND/OR REPLACEMENT, INCLUDING PARTS, SHALL ADHERE TO THE MOST CURRENT UNIVERSITY OF SOUTHERN CALIFORNIA (USC) FOUNDATION FOR CROSS-CONNECTION CONTROL AND HYDRAULIC RESEARCH STANDARDS.

REVISION DATE: 6/12/2013

F.D.L.	JUN. 13	<b>SAN BERNARDINO MUNICIPAL WATER DEPARTMENT</b>	DRAWING NUMBER	
F.D.L.	JAN. 13		<b>TYPICAL INSTALLATION OF REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION ASSEMBLY</b>	
F.D.L.	FEB. 12			SBMWD
F.D.L.	SEPT. 11			W4.1
REVISION	DATE	APPROVED 	DATE <u>7/8/13</u>	
SCALE:	NONE	MATTHEW H. LITCHFIELD, P.E. RCE 58079		