



NOTES:

1. BACKFLOW PREVENTER ASSEMBLY SHALL BE TESTED UPON INSTALLATION BY A CERTIFIED BACKFLOW DEVICE TESTER. CONTRACTOR SHALL PROVIDE THE ENGINEER WITH WRITTEN TEST RESULTS COMPLETED BY A CERTIFIED BACKFLOW TESTER PRIOR TO BACKFLOW PREVENTER ASSEMBLY'S ACCEPTANCE BY THE ENGINEER.
2. ALL METAL IN CONTACT WITH CONCRETE PIPE SHALL BE POLYETHYLENE WRAPPED USING 2" WIDE PLASTIC BACKED ADHESIVE TAPE (MINIMUM 8 MILS. THICK WITH 1/2" OVERLAP).
3. CONCRETE PAD TO BE 4" ABOVE GRADE UNLESS IN LAWN AREA WHERE IT WILL BE AT 1" ABOVE GRADE. CONCRETE PAD SHALL BE 4" THICK AND 18" WIDE MINIMUM 520-C-2500. (OPTIONAL WITH WATER DEPARTMENT APPROVAL).
4. FACTORY ASSEMBLED REDUCED PRESSURE PRINCIPLE ASSEMBLY /DOUBLE CHECK ASSEMBLY SHALL BE INCLUDED IN THE LATEST EDITION OF THE "APPROVED FOR SERVICE ISOLATION IN CALIFORNIA PUBLIC WATER SYSTEMS ISSUED BY THE STATE OF CALIFORNIA DEPARTMENT OF HEALTH SERVICES, OFFICE OF DRINKING WATER.
5. REGULATOR MAY BE INSTALLED UPSTREAM OF THE BACKFLOW PREVENTER ASSEMBLY WHEN WATER PRESSURE EXCEEDS BACKFLOW PREVENTER ASSEMBLY RATING.
6. WYE STRAINER AND REGULAR, WHEN REQUIRED, SHALL BE LOCATED DOWNSTREAM OF THE #2 SHUTOFF VALVE.
7. PROTECTIVE ENCLOSURE FOR BACKFLOW PREVENTER ASSEMBLY SHALL BE USED AT THE DISCRETION OF THE PROPERTY OWNER.
8. LOCATE PREVENTER ASSEMBLY AS CLOSE TO METER AS PRACTICAL AS APPROVED BY THE ENGINEER.
9. ALL RISERS, ELBOWS AND UNDERGROUND PIPING SHALL BE M OR L COPPER, BRASS, OR APPROVED EQUAL.

REVISION	BY	APPROVED	DATE
ORIGINAL			
REVISED	MC		906
NOTES	JS	A. OSKOUJ	1206
UPDATED	KA	J. NAGELVOORT	01/12
UPDATED	FG	J. NAGELVOORT	07/15

CITY OF SAN DIEGO – STANDARD DRAWING

**WATER METER WITH 2" AND SMALLER
DOUBLE CHECK VALVE ASSEMBLY**

RECOMMENDED BY THE CITY OF SAN DIEGO
STANDARDS COMMITTEE

CA Dungee
COORDINATOR R.C.E. 56523 7/21/15
DATE

DRAWING
NUMBER **SDW-140**