



LEGEND

	FLANGED OS&Y VALVE
	FLANGED 90° BEND
	Y STRAINER
	PRV
	DOUBLE CHECK
	OMNI C2 WATER METER

- NOTES:
1. ALL PARTS MUST BE APPROVED BY BSWSD 363.
 2. THRUST BLOCKS MAY BE REQUIRED AT THE DISCRETION OF BSWSD 363.
 3. NO PRESSURE GAUGES OR PRESSURE GAUGE FITTINGS WILL BE ALLOWED ON THE TEST PORTS OF ANY BACKFLOW PREVENTION ASSEMBLY.
 4. PROVIDE FLEXIBLE, WATER-TIGHT CONNECTION FOR ALL WALL OR FLOOR PIPE PREVENTION.

BIG SKY COUNTY WATER & SEWER DISTRICT 363 REQUIREMENTS FOR INSTALLATION OF DOUBLE CHECK VALVE ASSEMBLY

1. The FIRST fitting inside of the building shall be a UL listed flanged Kennedy or Mueller OS&Y valve the same size as the service line. Elbow shall be attached directly to OS&Y valve, then y strainer, double check, PRV and meter. Meter must set horizontal.
2. All Backflow Prevention Assemblies shall be:
 - 2.1. UL or FM listed
 - 2.2. Approved by the University of Southern California Foundation for Cross Connection Control and Hydraulic Research (USCFCCCHR) for operation in the proposed position (vertical or horizontal) as shown on approved plans.
 - 2.3. Installed as shown on the approved plans
3. Horizontal installations must be a minimum of 2' above the finished floor.
4. The service riser must be a minimum of 2' from any outside wall.
5. The incoming fire service line shall be a minimum of 7.0', and a maximum of 8.0' below the finished grade.
6. All service line appurtenances shall have a minimum pressure rating of 200 PSI up to PRV then 175 PSI.
7. All service lines 4" and larger shall be Class 51 Ductile Iron Pipe.
8. Line sizing: The Backflow Prevention Assembly and meter shall be equal in size to both the incoming pipe diameter (upstream) and outgoing pipe diameter (downstream). For example, a 4" service line shall have a 4" meter and Backflow Prevention Assembly.
9. Floor penetration must be perpendicular to floor.
10. Wall penetration must be perpendicular to wall.
11. If more than one unit will be served, refer to meter configuration drawing BSWSD 26-40.
12. For alternate configurations please contact BSWSD 363 for approval.

<p>DETAIL NO.:</p> <p>BSWSD: 26-12</p>	<p>BIG SKY WSD 363 STANDARD DRAWING</p>	<p>SCALE:</p> <p>NONE</p>	<p>WATER SERVICE LINE FOR SIZES 4" AND LARGER</p>	DATE:	FEBRUARY 2010
				LAST REVISION:	JANUARY 2020
				CROSS REFERENCE WITH:	SIMILAR TO: COB: 02660-12