



① APPROVED SPILL-RESISTANT VACUUM BREAKER ASSEMBLY INCLUDING FACTORY SUPPLIED SHUT-OFF VALVES: AS LISTED ON THE CURRENTLY APPROVED BACKFLOW PREVENTION ASSEMBLIES LIST SPECIFIED BY OREGON DEPARTMENT OF HUMAN SERVICES.

PLUMBING FROM THE CONNECTION TO POTABLE WATER SUPPLY LINE TO THE ASSEMBLY REQUIRES A PLUMBING PERMIT AND MUST BE INSPECTED BEFORE COVERING.

AN INITIAL TEST PERFORMED BY A STATE CERTIFIED BACKFLOW ASSEMBLY TESTER IS REQUIRED AT THE TIME OF INSTALLATION, AT LEAST ANNUALLY THEREAFTER OR MORE FREQUENTLY AS REQUIRED BY WATER SUPPLIER.

COPIES OF COMPLETED TEST REPORT SHALL BE FURNISHED TO:

1. THE OWNER
2. THE WATER SUPPLIER (EWEB, SUB OR RAINBOW WATER DISTRICT)
3. THE BUILDING OFFICIAL

SUB DWG NO FF11DE80	REV 1
CITY OF EUGENE BUILDING AND PERMITS REVIEW <i>SR</i>	RWD ENGINEERING REVIEW _____
SUB ENGINEERING REVIEW <i>DK</i>	

FUNC	BY	CHK	APP
DES	SLW		SLW
DWN	RS		SLW
SPONSOR		SLW	
DATE: 01/01/95			

WATER STANDARDS
REGIONAL DESIGN STANDARDS

SPILL-RESISTANT VACUUM BREAKER ASSEMBLY

EUGENE WATER & ELECTRIC BOARD - EUGENE, OREGON

SCALE: NTS			
REV DATE	BY	CHK	APP
05/21/09	NLN		<i>MDT</i>
5 YEAR REVIEW			
DWG NO WD6-6.4500			REV 3
1 of 2			

NOTES:

1. SPILL-RESISTANT VACUUM BREAKER ASSEMBLY (SVB) SHALL BE INSTALLED A MINIMUM OF 12" ABOVE THE HIGHEST PIPING THAT IT SERVES.
2. ALL CLEARANCES PICTURED APPLY TO OUTSIDE OR IN-BUILDING INSTALLATIONS.
3. IF THE SVB IS INSTALLED OUTSIDE AN ASSEMBLY ENCLOSURE IS REQUIRED.
4. SVB SHALL BE PROTECTED FROM FREEZING. SVB ENCLOSURE SHALL INCLUDE INSULATION AND/OR HEAT SOURCE.
 - a. CLEARANCES MAY BE WAIVED IF ENTIRE ENCLOSURE CAN BE REMOVED FOR TESTING AND MAINTENANCE ACCESS.
5. SVB ENCLOSURE SHALL INCLUDE A BORE-SIGHTED DRAIN TO DAYLIGHT CAPABLE OF DRAINING A FULL AIR INLET DISCHARGE PER OPSC TABLE 7-4 (LENGTH OF DRAIN TO BE APPROVED BY EWEB, SUB OR RWD FOR THEIR RESPECTIVE SERVICE AREA).
6. COMPACTED GRAVEL OR UNDISTURBED BASE.
7. A DOOR OR OTHER ACCESS SHALL BE PROVIDED.
8. FOR TESTING AND MAINTENANCE PURPOSES, SVB INSTALLED MORE THAN 5' ABOVE THE GROUND OR FLOOR LEVEL SHALL BE PROVIDED WITH A PERMANENT OSHA APPROVED PLATFORM.
9. INDOOR SVB INSTALLATION REQUIREMENT: FLOOR DRAIN TO SANITARY SEWER CAPABLE OF DRAINING A FULL AIR INLET DISCHARGE PER OPSC TABLE 7-4
10. NO CHEMICAL OR FERTILIZER MAY BE INTRODUCED THROUGH AN IRRIGATION SYSTEM EQUIPPED WITH SVB.
11. SVB SHALL NOT BE INSTALLED IN AN AREA WHERE FLOODING IS A POSSIBILITY.
12. SVB SHALL NOT BE INSTALLED WHERE DUSTY, CORROSIVE, OR TOXIC ATMOSPHERES ARE PRESENT.
13. SVB SHALL NOT BE SUBJECT TO BACKPRESSURE.

REFERENCE: OREGON PLUMBING SPECIALTY CODE, CHAPTER 6 WATER SUPPLY AND DISTRIBUTION, 603.4.6.3; 603.4.6.4; 603.3.3; 603.3.4; 603.3.8;
 REFERENCE: OREGON ADMINISTRATIVE RULES 333-061-0070 (5) (12) (15); 333-061-0071 (8)

CITY OF EUGENE BUILDING AND PERMITS REVIEW <i>SR</i>				RWD ENGINEERING REVIEW _____				SUB ENGINEERING REVIEW <i>DIC</i>			
SUB DWG NO FF11DE80		REV 1									
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