



SIDE VIEW

TOP VIEW

**NOTES:**

1. Reduced Pressure Backflow Assembly:
  - a. Shall be on the State of Oregon list of approved assemblies.
  - b. Shall be installed in a location approved by MW&L.
  - c. Shall be installed horizontal and plumb. (Unless approved by MW&L for vertical installation)
2. Insulate enclosure and/or have a heat source to keep the enclosure above 40 deg F.
3. Typical assembly enclosure is a hot box or fabricated permanent enclosure. A door or other access shall be provided.
4. Openings should be sealed with appropriate watertight product.
5. All assemblies 2.5 inches and larger shall have Standon supports.
6. Pad shall be placed upon 6" of compacted 3/4 - minus gravel.
7. Assembly enclosure shall include a bore-sighted drain to daylight capable of draining a full relief valve discharge (Spec: BF-RPDR). The bore-sighted drain shall not be connected to sewers or catch basins.
8. 6" min clearance from underside of vault lid to stem of OS&Y when fully open. All dimensions are minimum clearance requirements for assemblies 2.5" and larger. For assemblies smaller than 2.5", minimum side clearance is 6", minimum end clearance is 3", and bottom clearance is 12".
9. The Assembly shall not be installed more than 5' above the ground or floor level, unless approved by MW&L and accompanied by a permanent OSHA-approved platform.

Permanent water service will not be granted until an initial Backflow Test Report is received by MW&L. Annual testing of assembly is required.

NOT TO SCALE



**REDUCED PRESSURE  
BACKFLOW ASSEMBLY  
(ALL SIZES - ABOVE GROUND)**

DATE	REVISION	DATE	12/8/14		
		DRAWN	SLW	APPROVED	WSC
				SPEC NO.	BF-RP