


NOTES:

1. Double Check Valve Assembly:
 - a. shall be on the State of Oregon list of approved assemblies and shall include factory supplied shut-off valves;
 - b. shall be installed in a location approved by MW&L;
 - c. may be installed vertically, provided the assembly is specifically listed for that orientation in the State of Oregon list of approved assemblies.
2. Assemblies installed below ground level shall have watertight, threaded plugs or caps installed on the test cocks. The assembly shall not be subject to continuous immersion.
3. All clearances apply to in-building, and vault installations.
4. Use OSHA approved galvanized wallmount ladder with pullup extension (OAR Ch 437, Division 2, 1910.27). MW&L to approve ladder location prior to install.
5. Vault shall be supplied with a sump pump and power supply. Contact City of McMinnville for requirements.
6. All assemblies 2.5 inches and larger shall have Standon Model S89 flange supports.
7. Ductile iron pipe shall be used throughout the vault.
8. Watertight grout shall be used to seal openings.
9. Vault shall be placed upon compacted 3/4 - minus gravel.
10. Two galvanized, spring-assisted, H-20 traffic rated doors to be installed with each vault. Doors shall open toward the short side (end) of the vault.
11. Specify vault knockouts be offset.
12. If available, "WA" models eliminate "C-Channels" found in "LA" vaults.
16. Vault drain shall not be directly connected to a sanitary or storm water drain. MW&L requires that water from the sump pump in the vault be drained to the surface of the ground in an area not subject to flooding by surface water. A connection to a storm drain, catch basin, or roof rain system is allowed if there is an air gap **prior to** the connection to the drain or fixture.

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

		<p>DOUBLE CHECK VALVE ASSEMBLY 2.5" AND LARGER (NOT FOR FIRE SERVICE LINES)</p>	
DATE	REVISION		
		DATE 12/9/14	SHEET NO. 2 OF 2
		DRAWN SLW	APPROVED WSC
			SPEC NO. DCVA-1NFA