


NOTES:

1. Double Check Detector Assembly:
 - a. is required on fire service lines;
 - b. shall be on the State of Oregon list of approved assemblies and shall include factory supplied shut-off valves;
 - c. shall be installed in a location approved by MW&L, near MW&L's point of service;
 - d. may be installed vertically, provided the assembly is specifically listed for that orientation in the State of Oregon list of approved assemblies.
2. Detector meter to measure in cubic feet.
3. Detector meter supplied as part of the assembly.
4. Assemblies installed below ground level shall have watertight, threaded plugs or caps installed on test cocks. The assembly shall not be subject to continuous immersion.
5. All clearances apply to in-building, and vault installations.
6. Use OSHA approved galvanized wallmount ladder with pull up extension (OAR Ch 437, Division 2, 1910.27). MW&L to approve ladder location prior to install.
7. Vault shall be supplied with a sump pump and power supply. Contact the City of McMinnville for requirements.
8. All assemblies 2.5 inches and larger shall have Standon Model S89 flange supports.
9. Ductile iron pipe shall be used throughout the vault.
10. Watertight grout shall be used to seal openings.
11. Vault shall be placed upon compacted 3/4 - minus gravel.
12. 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.
13. Specify vault knockouts be offset.
14. If available, "WA" models eliminate "C-Channels" found in "LA" vaults.
15. Contact the McMinnville Fire Department:
When fire hydrants are located downstream of the DCDA the FDC shall be plumbed directly to the fire sprinkler riser, above all control valves. DCDA's that serve fire protection systems shall be electronically supervised, not chained.
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.

		DOUBLE CHECK DETECTOR ASSEMBLY 2.5" AND LARGER W/FDC AND VAULT (REQUIRED ON FIRE SERVICE LINES)		
DATE	REVISION			SHEET NO. 2 OF 2
		DATE 12/9/14		
		DRAWN SLW	APPROVED WSC	SPEC NO. DCDA-1A