

BILL OF MATERIALS

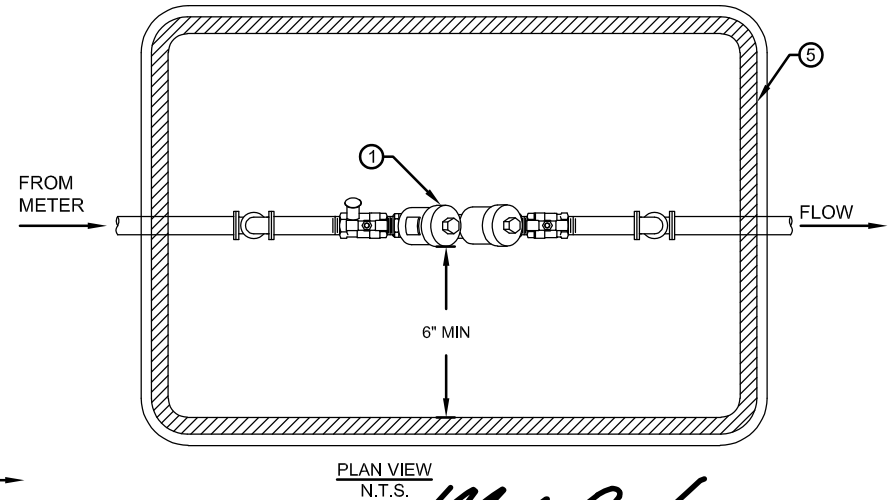
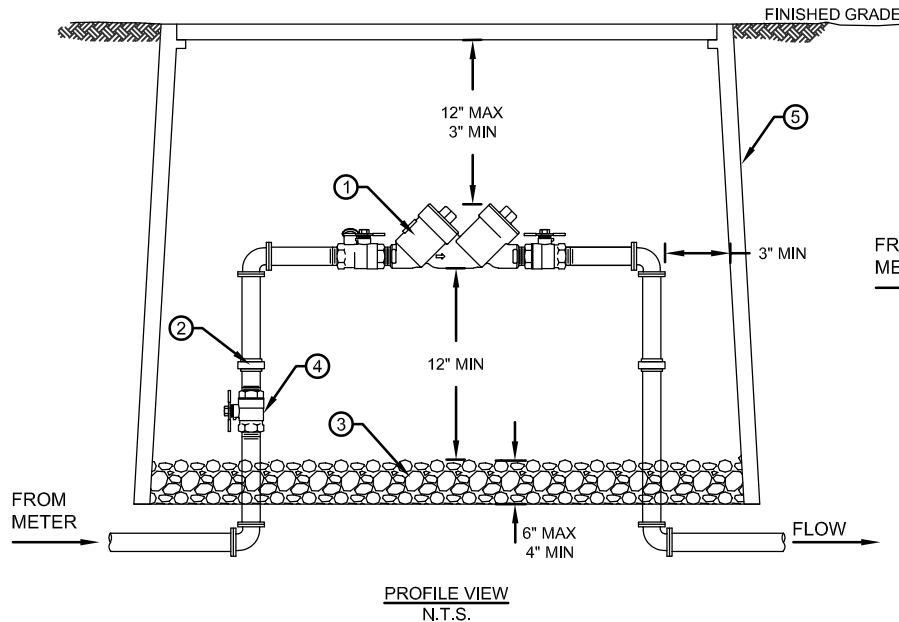
NO.	NOMENCLATURE	REQ'D	NO.	NOMENCLATURE	REQ'D
1.	DOUBLE CHECK VALVE ASSEMBLY (INCLUDES SHUTOFF VALVES 1 & 2)	1	3.	FREE DRAINING GRAVEL - (WSDOT)	
2.	UNION	2	4.	ISOLATION VALVE ^a	1
			5.	COMMERCIALY-MADE UTILITY BOX OR VAULT	1

^a LOCATION OF ISOLATION VALVE BETWEEN WATER SERVICE AND FIRST UNION MAY VARY.

NOTES

THESE ARE GENERAL REQUIREMENTS. ADDITIONAL SPECIFICATION MAY BE REQUIRED TO ENSURE ADEQUATE ACCESS AND PROPER OPERATION OF ALL ASSEMBLIES. ALL INSTALLATIONS SUBJECT TO APPROVAL OF SKAGIT PUD.

1. ALL ASSEMBLIES MUST BE ON THE CURRENT WASHINGTON STATE DEPARTMENT OF HEALTH APPROVED BACKFLOW ASSEMBLY LIST AND IN COMPLIANCE WITH THE LEAD-FREE REQUIREMENTS OF THE SAFE DRINKING WATER ACT, AS REQUIRED.
2. PIPING AND MATERIAL SHALL COMPLY WITH PLUMBING CODES AND OTHER MUNICIPAL REQUIREMENTS.
3. ASSEMBLY SHALL BE INSTALLED IMMEDIATELY DOWNSTREAM OF METERED WATER SERVICE. IF IRRIGATION IS CONNECTED OFF DOMESTIC WATER LINE, IRRIGATION DCVA SHALL BE INSTALLED IMMEDIATELY DOWNSTREAM OF BRANCH CONNECTION. REQUIRED SEPARATION FROM METER BOX IS 24" ±6".
4. ASSEMBLY MUST BE PURCHASED AND INSTALLED AS A COMPLETE UNIT IN THE MANNER FOR WHICH IT IS APPROVED. ASSEMBLIES MUST HAVE TEST COCKS FACING UP OR TO ONE SIDE WITH PLUGS/CAPS INSTALLED ON ALL TEST COCKS.
5. ALL ASSEMBLIES MUST BE INSTALLED WITH ADEQUATE SPACE TO FACILITATE TESTING, REPAIR AND WINTERIZATION. COMPRESSED AIR FITTINGS USED FOR WINTERIZATION NOT ALLOWED UPSTREAM OF THE DCVA.
6. ADEQUATE DRAINAGE MUST BE PROVIDED. SUBMERSION BY SOIL, WATER OR OTHER LIQUIDS OR SOLIDS NOT ALLOWED. INSTALL ASSEMBLY ABOVE GRADE IF SUBJECT TO FLOODING.
7. ALL ASSEMBLIES ARE REQUIRED TO BE TESTED BY A WASHINGTON STATE CERTIFIED TESTER UPON INSTALLATION AND ANNUALLY THEREAFTER. IN ADDITION, ASSEMBLIES MUST BE TESTED AFTER REPAIRS, RELOCATION, REINSTALLATION AND AFTER A BACKFLOW INCIDENT.
8. BEFORE WATER USAGE MAY BEGIN AND/OR CONTINUE, COPIES OF PASSING BACKFLOW PREVENTION TESTS MUST BE RECEIVED BY SKAGIT PUD.




 PUD NO. 1 OF SKAGIT COUNTY ENGINEERING MANAGER

APPROVED ON: _____ SEPTEMBER 9 _____, 2022



**STANDARD INSTALLATION OF
SMALL DIAMETER
DOUBLE CHECK VALVE
ASSEMBLY**

SCALE: N.T.S.
DATE: 2/23/22
REVISED: 9/6/22
DRAWN BY: JLB
APPROVED BY: MCH

STANDARD

DCVA-1