



* DCVA-BOX SHALL BE LOCATED IMMEDIATELY DOWNSTREAM OF WATER METER BOX PRIOR TO AND BRANCH CONNECTIONS. WITH NO MORE THAN 1'-2' BETWEEN BOXES.

NOTES:

1. PIPING FROM METER TO DCVA SHALL BE COPPER, BRASS, OR POLY TUBING.
2. THE INSTALLER OR DEVELOPER MUST PROVIDE TEST COCK PROTECTION WITH PLUGS, CAPS OR COVERS. TEST COCKS MUST BE POINTED UP.
3. UNIONS MUST BE INSTALLED VERTICALLY OR HORIZONTALLY. DIELECTRIC UNIONS MUST BE USED TO SEPARATE DISSIMILAR MATERIALS.
4. PERMANENT ASSEMBLY SHALL BE INSTALLED BELOW GROUND WITH LID ADJUSTED TO FINISHED GRADE AND IN AN APPROVED BOX LARGE ENOUGH TO ACCOMMODATE BACKFLOW INSTALLATION AS ILLUSTRATED AND LARGE ENOUGH TO ACCESS, TEST AND MAINTAIN ASSEMBLY.
5. BACKFLOW ASSEMBLIES MUST BE SELECTED FROM WASHINGTON STATE DEPARTMENT OF HEALTH LIST OF BACKFLOW ASSEMBLIES APPROVED FOR INSTALLATION IN WASHINGTON STATE.
6. AFTER INSTALLATION OF THE BACKFLOW ASSEMBLY, THE DEVELOPER OR INSTALLER WILL CALL THE DISTRICT FOR AN INSPECTION BY A DISTRICT CROSS-CONNECTION CONTROL SPECIALIST.
7. FOLLOWING AN INSPECTION APPROVAL BY THE DISTRICT, THE BACKFLOW ASSEMBLY MUST BE SCHEDULED FOR AN INITIAL TEST BY A WASHINGTON STATE CERTIFIED BACKFLOW ASSEMBLY TESTER. THE INITIAL TEST OF THE BACKFLOW ASSEMBLY MAY BE OBSERVED BY A DISTRICT CROSS-CONNECTION CONTROL SPECIALIST. TEST RESULTS ARE TO BE SUBMITTED TO BSI ONLINE BACKFLOW SOLUTIONS, INC. THE METER MUST BE INSTALLED PRIOR TO THE INITIAL TEST.
8. DCVA MUST BE PURCHASED AND INSTALLED AS A UNIT. NO MODIFICATIONS TO ANY PART OF THE ASSEMBLY ARE ALLOWED.
9. FREEZE PROTECTION IS THE RESPONSIBILITY OF THE OWNER AND SHALL NOT INTERFERE WITH OPERATION OR TESTING OF THE ASSEMBLY.
10. BOX MUST BE LARGE ENOUGH FOR ASSEMBLY, UNIONS AND ALL REQUIRED CLEARANCES.

**CROSS VALLEY WATER DISTRICT
STANDARD WATER DETAILS**

**DOUBLE CHECK VALVE ASSEMBLY
(3/4" - 2" ASSEMBLIES)**

WD-16

NOT TO SCALE

JULY 2023