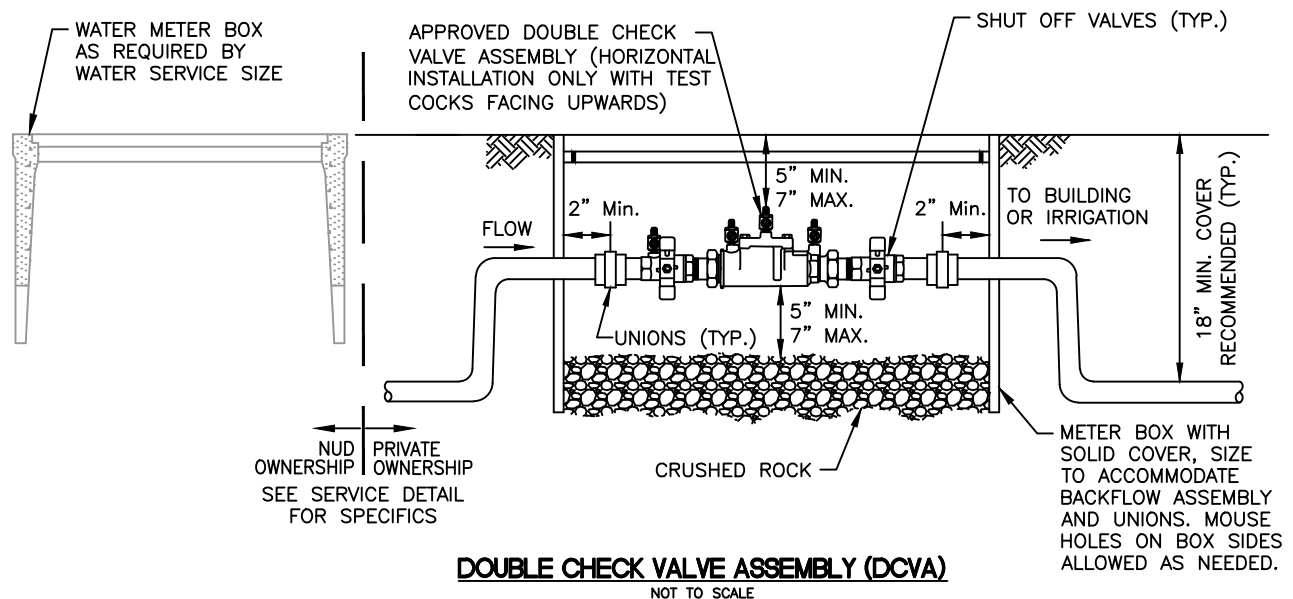




NOTES:

1. THE BACKFLOW ASSEMBLY SHALL BE AN APPROVED ASSEMBLY AS SHOWN ON THE WASHINGTON STATE APPROVAL LISTING PER WASHINGTON ADMINISTRATIVE CODE (WAC) 246-290. THE ASSEMBLY MUST BE PURCHASED AND INSTALLED AS A UNIT, NO MODIFICATIONS ARE ALLOWED TO ANY PART OF THE ASSEMBLY.
2. BACKFLOW ASSEMBLY SHALL BE CENTERED WITHIN THE ENCLOSURE WITH THE TEST COCKS FACING UPWARDS. TEST COCKS MUST BE COVERED WITH SEATED CAPS. THE ASSEMBLY ENCLOSURE SHALL PROVIDE MINIMUM HORIZONTAL AND VERTICAL CLEARANCE AS SHOWN AND REQUIRED.
3. THE BACKFLOW ASSEMBLY SHALL BE INSTALLED IMMEDIATELY BEHIND THE WATER METER, PRIOR TO ANY BRANCH CONNECTIONS, WITH NO MORE THAN 1'-2' BETWEEN BOXES. INSTALLATION OF THE BACKFLOW ASSEMBLY INTERNAL TO THE BUILDING WILL NOT BE ALLOWED. THE MINIMUM LEVEL OF PROTECTION AT METER SHALL BE EQUIVALENT TO OR EXCEED THE HIGHEST LEVEL OF PROTECTION REQUIRED INSIDE THE BUILDING.
4. THE BACKFLOW ASSEMBLY TEST SHALL BE PERFORMED BY A CERTIFIED WASHINGTON STATE BACKFLOW ASSEMBLY TESTER. FOR A LIST OF CERTIFIED TESTERS, PLEASE VISIT [HTTPS://WCS.GREENRIVER.EDU/BAT/HIRE-A-BAT/](https://wcs.greenriver.edu/bat/hire-a-bat/) AND USE THE DROP DOWN LIST UNDER "VIEW THE HIRE A BAT LIST".

FOR ALL NEWLY INSTALLED ASSEMBLIES, A DIGITAL COPY OF THE TEST REPORT SHALL BE SUBMITTED DIRECTLY TO NORTHSORE UTILITY DISTRICT AT BACKFLOW@NUD.NET.

5. THE BACKFLOW ASSEMBLY IS TO BE TESTED AND A REPORT SUBMITTED TO THE DISTRICT:
 - AT INSTALLATION
 - ANNUALLY
 - AFTER ANY REPAIR
 - AFTER ANY FAILED REPORT
 - AFTER ANY RELOCATION OF THE BACKFLOW ASSEMBLY
6. BOXES LOCATED IN ANY AREAS INTENDED FOR VEHICULAR USE ARE TO BE TRAFFIC RATED.

DOUBLE CHECK VALVE ASSEMBLY (DCVA) GENERAL INSTALLATION GUIDELINES

NOT TO SCALE

DETAIL APPROVALS

EDITOR *TMC*

ENG. DIR. *CF*

NORTHSORE UTILITY DISTRICT
2025 STANDARD WATER DETAILS

14a

LAST UPDATED
MAY 2025