



REDUCED PRESSURE BACKFLOW ASSEMBLY (SECTION)
NOT TO SCALE

NOTES:

1. REDUCED PRESSURE BACKFLOW ASSEMBLIES ARE REQUIRED FOR CONNECTIONS WITH "SEVERE AND HIGH HEALTH CROSS-CONNECTION HAZARDS" AS LISTED IN TABLE 13 OF WASHINGTON ADMINISTRATIVE CODE (WAC) 246-290-490, OR AS DETERMINED BY THE DISTRICT.
2. THE BACKFLOW ASSEMBLY SHALL BE AN APPROVED ASSEMBLY AS SHOWN ON THE WASHINGTON STATE APPROVAL LISTING. THE ASSEMBLY MUST BE PURCHASED AND INSTALLED AS A UNIT, NO MODIFICATIONS ARE ALLOWED TO ANY PART OF THE ASSEMBLY.
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. BACKFLOW ASSEMBLY SHALL BE CENTERED WITHIN THE ENCLOSURE AND PROVIDE MINIMUM HORIZONTAL AND VERTICAL CLEARANCE AS REQUIRED.
5. BACKFLOW ASSEMBLY SHALL NOT BE INSTALLED BELOW GRADE IN ANY WAY INCLUDING IN A VAULT, TRENCH, OR DITCH. OWNER TO ENSURE THAT BACKFLOW ASSEMBLY IS PROTECTED FROM FREEZING.
6. THE BACKFLOW ASSEMBLY TEST SHALL BE PERFORMED BY A CERTIFIED WASHINGTON STATE BACKFLOW ASSEMBLY TESTER. FOR A LIST OF CERTIFIED TESTERS, PLEASE VISIT OUR WEBSITE AT WWW.NUD.NET/INFORMATION/CROSS-CONNECTION-BACKFLOW-PREVENTION AND SEE THE FAQ AT THE BOTTOM OF THE PAGE, "WHO CAN TEST MY BACKFLOW ASSEMBLY?". A DIGITAL COPY OF THE TEST REPORT SHALL BE SUBMITTED BY THE BACKFLOW ASSEMBLY TESTER TO THE FOLLOWING WEB ADDRESS:

HTTPS://NORTHSHOREWA.C3SWIFT.COM
7. 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

**REDUCED PRESSURE BACKFLOW ASSEMBLY
GENERAL INSTALLATION GUIDELINES**

NOT TO SCALE

DETAIL APPROVALS
EDITOR TMC
MANAGER EM

NORTHSHORE UTILITY DISTRICT
 2024 STANDARD WATER DETAILS

14b

LAST UPDATED
MARCH 2024