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Backflow Installation and Assembly Checklist

- ✓ All backflow prevention assemblies shall be installed in accordance with the specifications furnished by The Town of Warrenton and/or the manufacturer's installation instructions and/or in the latest edition of the state building code, whichever is most restrictive. All assemblies installed above ground outside must be protected from freezing with an above ground enclosure that meets the ASSE 1060 standard. If the assembly is installed outside and intended for commercial domestic water use, a heat source must be ready available at the assembly.
- ✓ All new construction plans and specifications, when required by the state building code and the state department of environment and natural resources, shall be made available to the Town of Warrenton for review and approval, and to determine the degree of hazard.
- ✓ Ownership, testing, and maintenance of the assembly shall be the responsibility of the customer.
- ✓ All double check valve assemblies must be installed in accordance with detailed specifications provided by the Town of Warrenton. Double check valve assemblies may be installed in a vertical position provided they have been specifically approved by the manufacture and with prior approval from the Town of Warrenton Cross Connection Control Department provided the flow of water is in an upward direction. All double check valve assemblies 2 ½" and larger must be installed above ground covered by an above ground enclosure that meets the ASSE 1060 standard if they are installed outside. Inside installations must meet North Carolina Plumbing Code.
- ✓ Reduced pressure principle assemblies must be installed in a horizontal position and in a location in which no portion of the assembly can become submerged in any substance under any circumstances. The further most bottom portion of the body must be at a minimum of 12" above grade, no more than 4'. Pit and/or below grade installations are prohibited.
- ✓ The installation of a backflow prevention assembly which is not approved must be replaced with an approved backflow prevention assembly.
- ✓ The installer is responsible to make sure a backflow prevention assembly is working properly upon installation and is required to furnish the following information to the Town of Warrenton Cross Connection Control Department within 15 days after a reduced pressure principle backflow preventer (RP), double check valve assembly (DCVA), pressure vacuum breaker (PVB), double check detector assembly (DCDA), or reduced pressure principle detector assembly (RPDA) is installed:
 - Service address where assembly is located.
 - Owner and address, if different from service address.

- Description of assembly's location.
 - Date of installation.
 - Installer, include name, plumbing company represented, plumber's license number, and project permit number.
 - Type of assembly, size of assembly.
 - Manufacturer, model number, serial number.
 - Test results/report.
- ✓ (h) When it is not possible to interrupt water service, provisions shall be made for a parallel installation of backflow prevention assemblies. The Town of Warrenton will not accept an unprotected bypass around a backflow preventer when the assembly is in need of testing, repair, or replacement.