



PLAN

NOTES :

1. INSTALLATION OF BACKFLOW ASSEMBLIES ARE TO PROTECT THE PUBLIC WATER SYSTEM AND SHALL BE INSTALLED IF ANY OF THE FOLLOWING ARE MET:
 - IRRIGATION SYSTEMS
 - NON-FLOW THROUGH FIRE SPRINKLER SYSTEMS
 - WHEN THE ELEVATION BETWEEN THE METER AND HIGHEST FIXTURE EXCEEDS 30 FEET, OR IF THE STRUCTURE IS 3 ASCENDING FLOORS, WHICHEVER IS LESS.
 - OR AS DETERMINED BY THE DISTRICT.
2. FOR ALL PROPERTIES REQUIRING FIRE SPRINKLERS, THE APPLICANT’S FIRE PROTECTION SYSTEM DESIGNER SHALL SIZE THE WATER METER AND WATER SERVICE SUPPLY LINES. FLOW THROUGH SYSTEMS DO NOT REQUIRE PREMISE ISOLATION BUT MUST USE POTABLE WATER/NSF RATED MATERIALS AND TERMINATE AT THE FURTHEST REGULARLY USED FIXTURE.
3. FOR ALL PROPERTIES REQUIRING IRRIGATION SYSTEMS, THE APPLICANT’S IRRIGATION SYSTEM DESIGNER SHALL SIZE THE WATER METER AND WATER SERVICE SUPPLY LINES.
4. THE PREMISE ISOLATION BACKFLOW ASSEMBLY USED, EITHER A DOUBLE CHECK VALVE ASSEMBLY OR REDUCED PRESSURE BACKFLOW ASSEMBLY (BACKFLOW ASSEMBLY), SHALL MEET WAC 246-290-490 "CROSS-CONNECTION CONTROL" AND BE AN APPROVED ASSEMBLY AS SHOWN ON THE WASHINGTON STATE APPROVAL LISTING.
5. THE BACKFLOW ASSEMBLY SHALL BE INSTALLED IMMEDIATELY BEHIND THE WATER METER ON PRIVATE PROPERTY. INSTALLATION OF THE BACKFLOW ASSEMBLY INTERNAL TO THE BUILDING WILL NOT BE ALLOWED.
6. THE BACKFLOW ASSEMBLY IS TO BE TESTED AT INSTALLATION AND ANNUALLY THEREAFTER. THE TEST SHALL BE PERFORMED BY A CERTIFIED WASHINGTON STATE BACKFLOW ASSEMBLY TESTER. FOR A LIST OF CERTIFIED TESTERS, PLEASE CONTACT THE DISTRICT UTILITY SPECIALIST, WATER QUALITY AT (425) 654-6321. A COPY OF THE TEST REPORT SHALL BE SENT TO THE FOLLOWING EMAIL ADDRESS:

BACKFLOW@NUD.NET
7. FOLLOWING INSTALLATION OF THE WATER METER, THE DISTRICT WILL PADLOCK THE METER UNTIL NOTIFIED 24 HOURS IN ADVANCE BY THE OWNER/ INSTALLER THAT THE BACKFLOW ASSEMBLY IS READY TO TEST. UPON RECEIPT OF THE BACKFLOW ASSEMBLY TEST REPORT, THE DISTRICT WILL REMOVE THE PADLOCK.

1" - 2" PREMISE ISOLATION

NOT TO SCALE

DETAIL APPROVALS
EDITOR TMC
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NORTHSHORE UTILITY DISTRICT
 2021 STANDARD WATER DETAILS

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