



RPBA ABOVE GROUND INSTALLATION

* RPBA-ENCLOSURE SHALL BE LOCATED IMMEDIATELY DOWNSREAM OF WATER METER BOX PRIOR TO ANY BRANCH CONNECTIONS, WITH NO MORE THAN 1'-2' BETWEEN BOXES. HOT BOX OR EQUAL FOR FREEZE PROTECTION.

NOTES:

- ① BACKFLOW ASSEMBLIES MUST BE SELECTED FROM WASHINGTON STATE DEPARTMENT OF HEALTH LIST OF BACKFLOW ASSEMBLIES APPROVED FOR INSTALLATION IN WASHINGTON STATE.
- ② UNIONS MUST BE INSTALLED VERTICALLY OR HORIZONTALLY
- ③ DIELECTRIC UNIONS MUST BE USED TO SEPARATE DISSIMILAR MATERIALS.
- ④ AFTER INSTALLATION OF BACKFLOW ASSEMBLY, THE CONTRACTOR OR INSTALLER WILL CALL THE DISTRICT FOR AN INSPECTION BY A DISTRICT CROSS-CONNECTION CONTROL SPECIALIST.
- ⑤ RPBA MUST BE PURCHASED AND INSTALLED AS A UNIT. NO MODIFICATION S TO ANY PART OF THE ASSEMBLY ARE ALLOWED.
- ⑥ FREEZE PROTECTION IS THE RESPONSIBILITY OF THE OWNER AND SHALL NOT INTERFERE WITH OPERATION OR TESTING OF THE ASSEMBLY.
- 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. TEST RESULTS ARE TO BE SUBMITTED TO BSI ONLINE BACKFLOW SOLUTIONS, INC. THE INITIAL TEST OF THE BACKFLOW ASSEMBLY MAY BE OBSERVED BY A DISTRICT CROSS-CONNECTION CONTROL SPECIALIST. METER MUST BE INSTALLED PRIOR TO TESTING.
- ⑧ PIPING FROM METER TO RPBA SHALL BE COPPER, BRASS, OR POLY TUBING.
- ⑨ THE INSTALLER /DEVELOPER MUST PROVIDE TEST COCK PROTECTION WITH PLUGS, CAPS OR COVERS.
- ⑩ MINIMUM 12" GAP FROM BOTTOM OF RELIEF PORT TO TOP OF DAYLIGHT DRAIN.

**CROSS VALLEY WATER DISTRICT
STANDARD WATER DETAILS**

**REDUCED PRESSURE BACKFLOW
ASSEMBLY (3/4" - 2" ASSEMBLIES)**

WD-17

NOT TO SCALE

JULY 2023