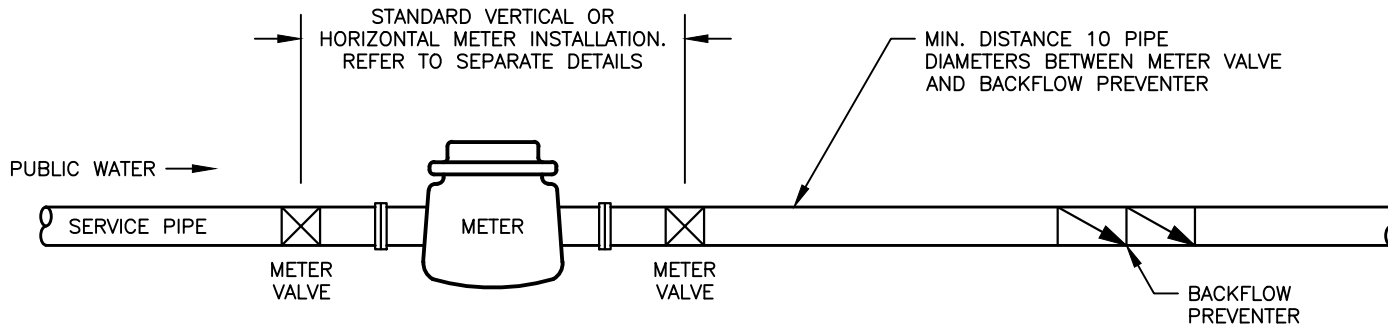
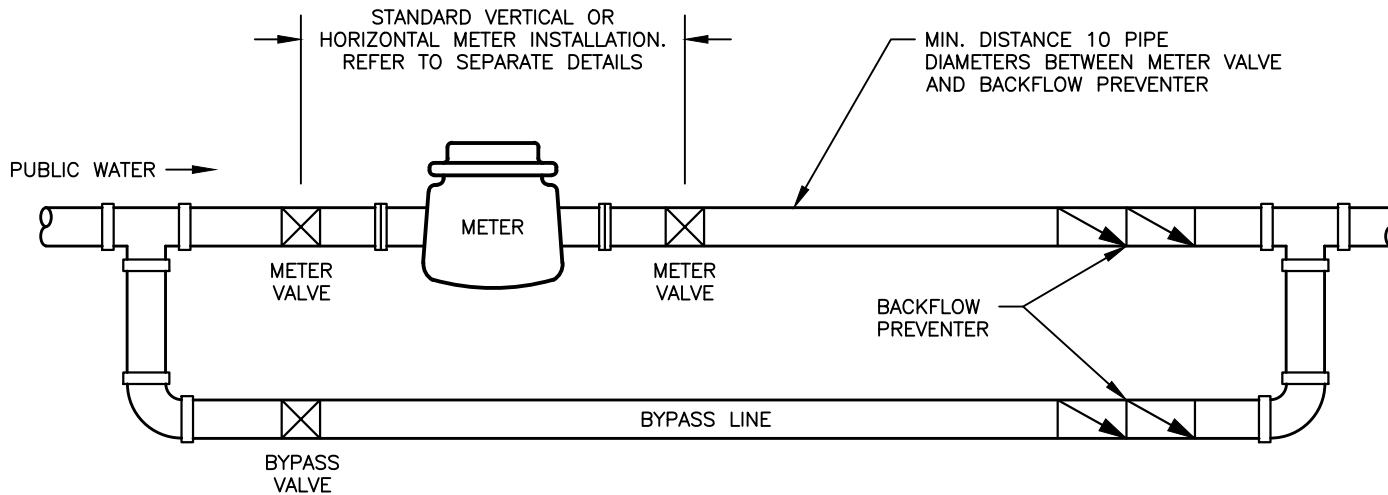


NOTES



TYPICAL BACKFLOW PREVENTION CONFIGURATION



TYPICAL BACKFLOW CONFIGURATION WITH APPROVED BYPASS

1. ALL PORTLAND WATER DISTRICT (PWD) CUSTOMERS ARE REQUIRED TO INSTALL BACKFLOW PREVENTION. PWD WILL SPECIFY THE TYPE OF BACKFLOW PREVENTION DEVICE REQUIRED BASED ON TYPE OF SERVICE AND DEGREE OF CROSS-CONNECTION HAZARD.
2. BYPASSING A BACKFLOW DEVICE WILL NOT BE ALLOWED UNLESS PROTECTED BY A SECOND BACKFLOW DEVICE. PARALLEL BACKFLOW PREVENTERS MAY BE INSTALLED BY THE CUSTOMER IF THE WATER SUPPLY CANNOT BE INTERRUPTED DURING ANNUAL TESTING OR DURING MAINTENANCE PROCEDURES.
3. CUSTOMER SHALL SUPPLY, INSTALL AND MAINTAIN DEVICE(S) IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS AND PWD CROSS-CONNECTION GUIDELINES.
4. DEVICE(S) SHALL BE INSTALLED DOWNSTREAM OF THE WATER METER AND METER VALVES, WITH A MINIMUM DISTANCE OF TEN PIPE DIAMETERS BETWEEN METER VALVE AND BACKFLOW PREVENTION ASSEMBLY.
5. PWD WILL VERIFY BACKFLOW PREVENTION WHEN THE METER IS INSTALLED.
6. THE BACKFLOW DEVICE MAY BE EQUIPPED WITH A RELIEF VALVE ASSEMBLY, WHICH UNDER CERTAIN CONDITIONS MAY DUMP LARGE VOLUMES OF WATER. CONSEQUENTLY, ADEQUATE DRAINAGE SHOULD BE PROVIDED.
7. THE INSTALLATION OF A STRAINER IS STRONGLY RECOMMENDED TO PROTECT THE DISKS OF THE BACKFLOW DEVICE FROM UNNECESSARY FOULING.
8. INSTALLATION OF TESTABLE BACKFLOW DEVICES WITHIN METER PITS IS NOT ALLOWED UNLESS OTHERWISE AUTHORIZED BY PWD.
9. CUSTOMERS ARE REQUIRED TO HAVE BACKFLOW PREVENTION DEVICES INSPECTED ANNUALLY BY A PERSON CERTIFIED PER THE CCC PROGRAM.
10. AS A QUALITY ASSURANCE MEASURE, PWD WILL RANDOMLY INSPECT BACKFLOW PREVENTION DEVICES AT NO CHARGE TO THE CUSTOMER.



Portland Water District

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|------|----------|-------------------|----------------------------|
| DATE | REVISION | SCALE: NTS | BACKFLOW PREVENTION |
| | | DATE: 11/01/18 | |
| | | DRAWN BY: TAW/KAW | STANDARD METER SET DETAILS |
| | | CHECKED BY: RAB | |
| | | APPROVED BY: GSJ | PROJECT NO: NA |
| | | FILE: WS08.DWG | SHEET: 1 OF 1 |