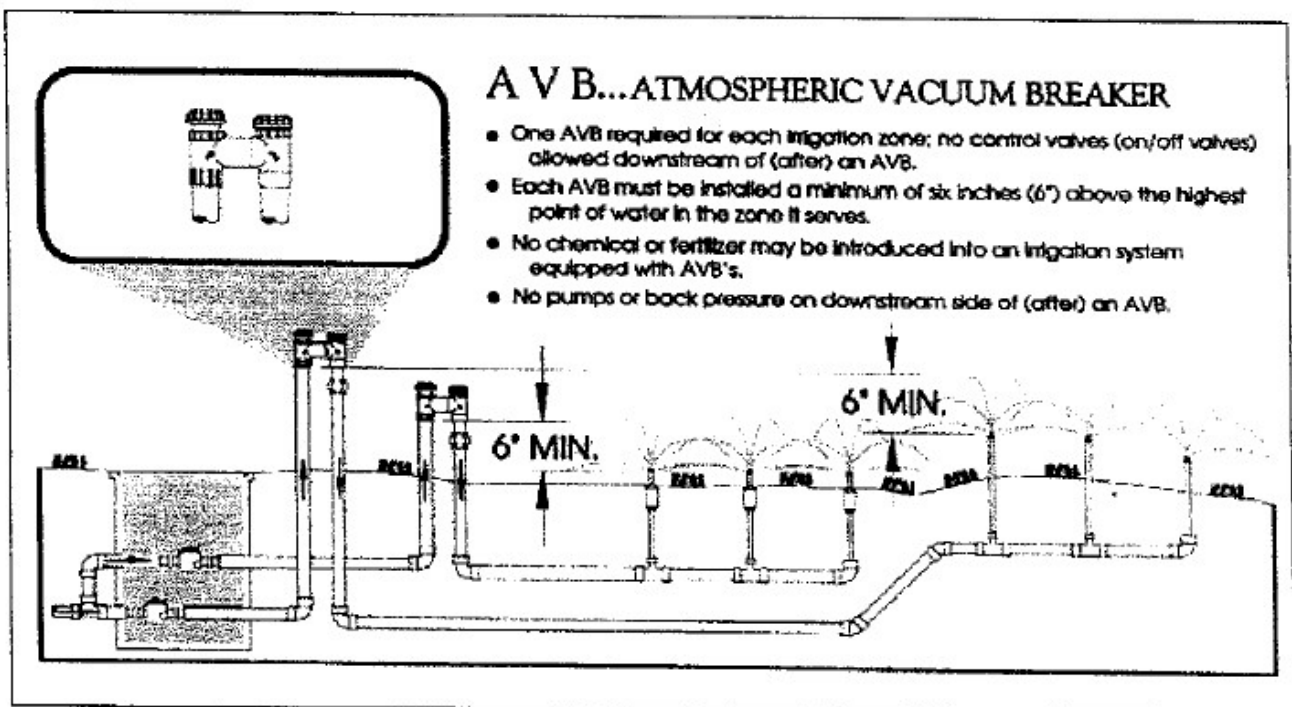


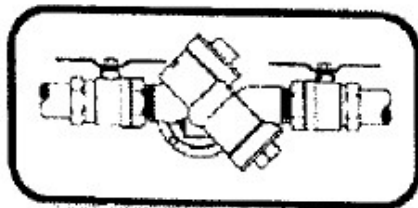
Irrigation Backflow Protection Device Installation

The International Plumbing Code states, "the potable water supply to lawn irrigation systems shall be protected against backflow by an atmospheric-type vacuum breaker, a pressure type vacuum breaker or a reduced pressure principle backflow preventer."

All systems installations on City of Stillwater operated water systems require a permit PRIOR to installation and inspection approval or PRIOR to putting the system into service.

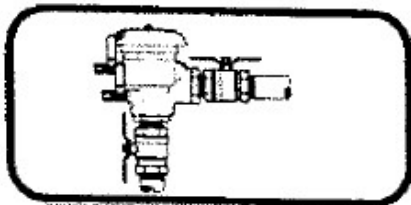
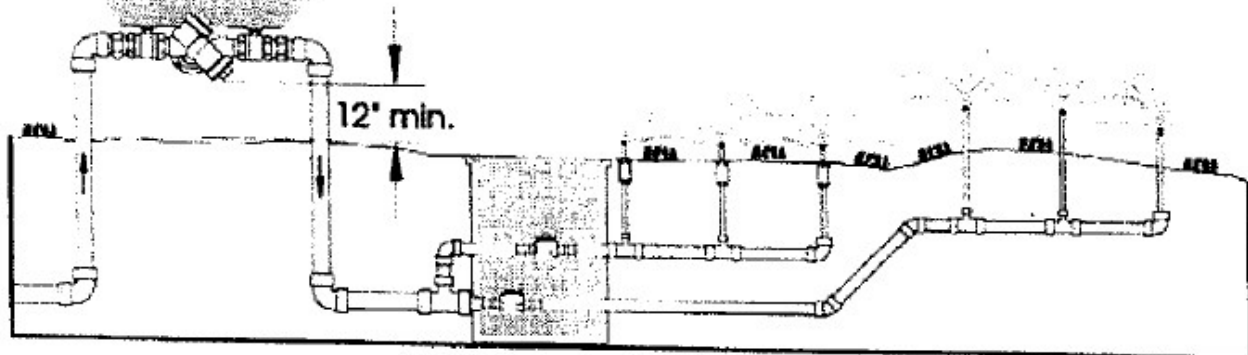
Pit / Vault installations are NOT permitted without proper documentation and approval by the Building Official PRIOR to the installation.





RPBA...REDUCED PRESSURE BACKFLOW ASSEMBLY

- Only one RPBA required to serve the whole system; control valves can be located downstream of the RPBA.
- RPBA's must be installed a minimum of one foot (12") above ground level.
- RPBA's must be tested by a State-certified Backflow Assembly Tester...when installed ...annually ... when moved or repaired.
- In an RPBA equipped system, fertilizer and other agricultural chemicals may be introduced downstream of (after) the RPBA.



PVB...PRESSURE VACUUM BREAKER ASSEMBLY

- Only one PVB required to serve the whole system; control valves can be located downstream of (after) the PVB.
- PVB's must be installed a minimum of one foot (12") above the highest point of water they serve.
- PVB's must be tested by a State-certified Backflow Assembly Tester...when installed ...annually ... when moved or repaired.
- No chemical or fertilizer may be introduced into an irrigation system equipped with PVB's.
- No pumps or back pressure on downstream side of (after) a PVB.

