



DOWNSTREAM SIDE OF VACUUM BREAKER MAY BE MAINTAINED UNDER PRESSURE BY A VALVE. BUT, THERE MAY BE ABSOLUTELY NO MEANS OF IMPOSING PRESSURE BY PUMP OR OTHER MEANS.

NOTES:

1. A PVB IS NOT ALLOWED WHERE FERTILIZERS OR PESTICIDES ARE INJECTED INTO THE WATER SYSTEM.
2. AN RPP DEVICE MAY BE REQUIRED AT THE DISCRETION OF THE COUNTY ENGINEER.
3. ALL PVB ASSEMBLIES MUST BE APPROVED BY CA DEPARTMENT OF PUBLIC HEALTH.
4. SYSTEM MUST BE SUPPLIED FROM ONLY ONE WATER SERVICE WHICH IS FROM THE COUNTY DISTRIBUTION SYSTEM.
5. ALL BACKFLOW PREVENTERS MUST BE TESTED BY A COUNTY OF MADERA APPROVED TESTER AND THE RESULTS SUBMITTED TO THE ENGINEERING DEPARTMENT PRIOR TO FINAL ACCEPTANCE.
6. PRESSURE LOSS THROUGH P.V.B. ASSEMBLY MUST BE INCLUDED IN PRESSURE LOSS CALCULATIONS FOR SIZING OF THE WATER SYSTEM.
7. DOWNSTREAM PIPING MAY HAVE VALVES IN SYSTEM.
8. INSTALL ONE UNION IN THE PIPING SYSTEM WITHIN 12 INCHES OF THE ASSEMBLY.
9. ASSEMBLY CAN NOT BE SUBJECT TO BACKPRESSURE FROM PUMPS, ELEVATION OR OTHER SOURCES.
10. MAINTAIN A MINIMUM OF 18 INCHES CLEARANCE AROUND ASSEMBLY.

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Spec's By _____	COUNTY OF MADERA	Date: 8-21-09
Drawn By <u>J. SHIELDS</u>		Scale: NONE
APPROVED BY _____	PRESSURE VACUUM BREAKER	Drawing No. W-20
REVISIONS 4/29/2011		