ELEVATION VIEW

RECEIVING TANK

AIR GAP: 2 X DIAMETER OF SUPPLY PIPE

ALL PIPING DOWNSTREAM OF METER SHALL BE ABOVE GRADE, HARD-PLASTIC PIPE AND VISABLE – NO TAPS, TEES, DRAINS OR CONNECTIONS BETWEEN METER AND AIR GAP.

GRADE

FLOW

SHUT OFF VALVE

NOTES:
1. IF THE AIR GAP IS INSTALLED IN AN AREA WHERE CORROSIVE FUMES OR GASES COULD RENDER THE ASSEMBLY INEFFECTIVE AN RP MAY BE REQUIRED UPSTREAM ON THE SERVICE LINE.
2. NO STOP AND WASTE VALVES.
3. THE AIR GAP SHALL BE READILY ACCESSIBLE FOR INSPECTION.
4. THE AIR GAP SHALL REMAIN OPERATIVE AND EFFECTIVE THROUGHOUT THE YEAR WITHOUT BEING BYPASSED.
5. CALL LOCAL BUILDING AND/OR FIRE DEPARTMENTS FOR DEPTH AND TYPE OF PIPE TO BE USED.
6. INSPECTION BY FSD REQUIRED BEFORE SERVICE IS ACTIVATED.
7. TESTING OF BACKFLOW ASSEMBLY REQUIRED WITHIN 7 DAYS AFTER SERVICE ACTIVATION BY UNIVERSITY OF NEVADA BACKFLOW DEPARTMENT.

TYPICAL INSTALLATION STANDARDS FOR USC APPROVED ASSEMBLIES

UNIVERSITY OF NEVADA, RENO

BACKFLOW PREVENTION ASSEMBLIES

OTHER APPLICATIONS
AIR GAP SEPARATION

DRAWING NUMBER: 221113

REVISED: 12/6/2012
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