



ELEVATION

NOTES:

1. THE BACKFLOW PREVENTER SHALL NOT BE SUBJECT TO FLOODING.
2. BYPASS PIPING SHALL NOT BE INSTALLED AROUND BACKFLOW PREVENTER.
3. NO TAPS, HOSE BIBBS, DRAIN VALVES OR OTHER SIMILAR FITTINGS SHALL BE INSTALLED UPSTREAM OF BACKFLOW PREVENTER.
4. AIR GAP FUNNEL DIAMETER MUST BE AT LEAST TWO TIMES THE ACTUAL DIAMETER OF THE RPZ RELIEF VALVE OPENING AND NOT LESS THAN 3 INCHES DIAMETER.
5. FLOOR DRAIN MUST BE SIZED TO ACCOMMODATE CATASTROPHIC DISCHARGE FROM RPZ DEVICE BASED ON SITE PRESSURE AND ALL OTHER ABOVE DRAIN FLOW RATES PER APPLICABLE CODES. ALL DRAINAGE SYSTEMS SHOULD BE DESIGNED TO PREVENT INTERIOR FLOODING.
6. FOR ALTERNATIVE AIR GAP DRAIN LINE CONFIGURATIONS - SEE DWG. S971-3.
7. BACKFLOW PREVENTER AND APPURTENANCES SHALL BE CERTIFIED TO NSF/ANSI 61.
8. PIPE AND APPURTENANCES ARE TO BE ADEQUATELY RESTRAINED, BRACED AND SUPPORTED. ALL WORK SHALL BE IN CONFORMANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL PLUMBING CODES.

DIMENSIONS:

"A" = 30" MINIMUM FOR ABOVE GRADE INSTALLATIONS OR 60" MINIMUM FOR BELOW GRADE INSTALLATIONS.

"B" = 2" MINIMUM OR TWO TIMES THE RPZ DICHARGE OPENING

CITY OF ROCHESTER		
REDUCED PRESSURE ZONE (RPZ) BACKFLOW PREVENTION DEVICE 2 INCH AND SMALLER		
ISSUED	6-21-11	NON-STANDARD DWG.NO.S971-1
REVISED		