REQUIRED COMPONENTS
1. PVC C900 OR CLASS 52 D.I. WALL PIPE FL X FL
2. OS & Y GATE VALVE WITH HANDWHEEL FL X FL
3. APPROVED CHECK VALVE FL X FL
4. RELIEF VALVE FL
5. SUPPORT STANDS MANDATORY FOR ASSEMBLIES 2.5" & LARGER
6. TEST COCKS – 4 REQUIRED

A RPBA MUST NOT BE INSTALLED IN A PIT OR BELOW GRADE WHERE THE RELIEF VALVE COULD BECOME SUBMERGED IN WATER OR WHERE FUMES COULD BE PRESENT AT THE RELIEF-VALVE DISCHARGE, BECOME SUBMERGED IN WATER OR WHERE FUMES COULD BE PRESENT.
REFERENCE: AWWA MANUAL ON WATER SUPPLY PRACTICES M14

GENERAL NOTES:
A. WHERE PIPING PASSES THROUGH VAULT WALL, PROVIDE WATERPROOF MASTIC OR FLEXIBLE SEALANT.
B. DIAMETER OF PIPE AND FITTINGS FOR 2 1/2" OR GREATER.
C. VAULT MUST BE EQUIPPED WITH AN ADEQUATELY SIZED FLOOR DRAIN OR SUMP PUMP.
D. THOROUGHLY FLUSH LINES PRIOR TO INSTALLING BACKFLOW ASSEMBLY.
E. CONCRETE PAD SHALL BE 4" THICK WITH 4" OF 3/4" MINUS BASE MATERIAL.
F. A RPBA MAY PERIODICALLY DISCHARGE WATER FROM THE RELIEF VALVE. IF RP DISCHARGE IS PIPED TO A DRAIN, AN AIR-GAP SEPARATION MUST BE INSTALLED AT THE RELIEF VALVE.