



NOTES:

1. INDOOR INSTALLATION SHALL ONLY BE PERMITTED IN CASES WHERE ADEQUATE SPACE FOR THE BACKFLOW PREVENTION ASSEMBLY IS NOT AVAILABLE OUTSIDE. COG WILL REVIEW ON A CASE BY CASE BASIS.
2. REDUCED PRESSURE ASSEMBLIES (RP) MUST CONFORM TO COG SPECIFICATIONS. REFER TO COG APPROVED LIST OF BPA'S.
3. COG APPROVED RP INCLUDES SHUT-OFF VALVES #1 AND #2 AS PART OF THE ASSEMBLY. NO SUBSTITUTIONS SHALL BE PERMITTED.
4. TEST COCK #1 SHALL BE UPSTREAM OF SHUT-OFF VALVE #1 AND IS PART OF THE APPROVED ASSEMBLY.
5. ASSEMBLIES SHALL BE INSTALLED UPRIGHT AND IN THE HORIZONTAL POSITION, UNLESS OTHERWISE APPROVED.
6. PIPE MATERIAL AND FITTINGS SHALL BE AS SPECIFIED IN COG STANDARDS & SPECIFICATIONS.
7. SUPPORT FOR ASSEMBLY SHALL BE DESIGNED BY OWNER AS REQUIRED.
8. AN AIR GAP DRAIN IS RECOMMENDED TO REDUCE SPLASHING OF MINOR DISCHARGES FROM THE RELIEF VALVE DRAIN PORT.
9. ALL LOCATIONS FOR BPA'S REQUIRE COG APPROVAL.
10. THERE SHALL BE NO TAPS, PIPING BRANCHES, UNAPPROVED BYPASS PIPING, HYDRANTS, FIRE DEPT. CONNECTION POINTS, OR OTHER WATER-USING APPURTENANCES CONNECTED TO THE SUPPLY LINE BETWEEN ANY WATER METER AND ITS COG-REQUIRED BACKFLOW PREVENTER.
11. EACH COG-REQUIRED BPA IS REQUIRED TO BE TESTED BY A COG-APPROVED CERTIFIED TESTER PRIOR TO PLACING THE WATER SYSTEM IN SERVICE.
12. SHUT OFF VALVE REQUIRED BETWEEN METER AND BPA TO ALLOW SERVICE OR REMOVAL WITHOUT TURNING OFF METER. CAN BE INSTALLED INSIDE BUILDING AS NEEDED.

REVISED	F.B.	PG.	DATE: JUNE 10, 2003
			SCALE: NONE
			DRAWN BY: TAJ
			CHECKED BY: MWB
			CITY ENGINEER: FAP

STANDARD DETAIL

REDUCED PRESSURE PRINCIPAL
ASSEMBLY (RP) 3/4"-2"
INDOOR

OFFICE OF THE
CITY ENGINEER
GASTONIA, N.C.

FILE
NO.

71B-33