



NOTES:

- DOUBLE CHECK VALVE ASSEMBLIES (DC) MUST CONFORM TO COG SPECIFICATIONS. REFER TO COG APPROVED LIST OF BPA'S.
- COG APPROVED DC INCLUDES SHUT-OFF VALVES #1 AND #2 AS PART OF THE ASSEMBLY. NO SUBSTITUTIONS SHALL BE PERMITTED. 15" MAX. & 6" MIN. CLEARANCE SHALL BE WITH VALVES FULLY OPEN.
- FIRE LINE INSTALLATIONS SHALL HAVE OUTSIDE STEM AND YOKE (OS&Y) HANDWHEEL OPERATORS. IF SERVING FIRE SPRINKLERS, TAMPER SWITCHES ARE REQUIRED.
- TEST COCK #1 SHALL BE UPSTREAM OF SHUT-OFF VALVE #1 AND IS PART OF THE APPROVED ASSEMBLY. ALL TEST COCKS MUST BE ON ONE SIDE OR TOP. ASSEMBLIES SHALL BE INSTALLED UPRIGHT AND IN THE HORIZONTAL POSITION.
- PIPE MATERIAL AND FITTINGS SHALL BE AS SPECIFIED IN COG STANDARDS & SPECIFICATIONS.
- VAULT AND SUPPORT OF ASSEMBLY SHALL BE DESIGNED BY OWNER AND AS REQUIRED.
- ACCESS DOORS SHALL BE SIZED TO ALLOW REMOVAL OF THE ASSEMBLY IN ONE PIECE AND TRAFFIC RATED AS NEEDED.
- DRAINAGE INLET MAY BE PROVIDED AS SHOWN OR AS FLOOR DRAIN.
- ALL LOCATIONS FOR BPA'S REQUIRE COG APPROVAL.
- 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.
- EACH COG-REQUIRED BPA IS REQUIRED TO BE TESTED BY A COG-APPROVED CERTIFIED TESTER PRIOR TO PLACING THE WATER SYSTEM IN SERVICE.
- SHUT OFF VALVE REQUIRED BETWEEN METER AND BPA TO ALLOW SERVICE OR REMOVAL WITHOUT TURNING OFF METER.

REVISED	F.B.	PG.	DATE: JUNE 10, 2003	<h1>STANDARD DETAIL</h1> DOUBLE CHECK VALVE ASSEMBLY (DC) 2-1/2"-12" BELOW GROUND VAULT	OFFICE OF THE CITY ENGINEER
			SCALE: NONE		GASTONIA, N.C.
			DRAWN BY: TAJ		71B-36
			CHECKED BY: MWB		
			CITY ENGINEER: FAP	FILE NO.	