## DOUBLE CHECK VALVE ASSEMBLY (DCVA) (3/4" - 2") ABOVE GROUND 1/4" TURN FULL PORT BRONZE BALL SHUT OFF 1/4" TURN FULL PORT -BRONZE BALL SHUT OFF DOUBLE CHECK VALVE ASSEMBLY VALVE #2 SEE NOTE 3 VALVE #1 SEE NOTE 3 -CHECK VALVE #1 UNION-UNION FLOW -SEE SEE NOTE 2 12" MIN. NOTE 7-30" MAX. SEE NOTE 7 CHECK VALVE #2 -4" 4" **GROUND** -SEE NOTE 2 CONCRETE PAD TO BE DESIGNED-BY OWNER AS REQUIRED -SEE NOTE 6

## NOTES:

- 1. THE DOUBLE CHECK VALVE ASSEMBLIES (DCVA) MUST CONFORM TO SALISBURY-ROWAN UTILITIES SPECIFICATIONS.
- 2. (BACKFLOW ASSEMBLY MUST BE INSTALLED BEFORE SERVICE LINE IS CONNECTED TO ANY OTHER PIPES, EXCEPT AS AUTHORIZED BY THE WATER PURVEYOR.) WATER LINE MUST BE EXPOSED FOR INSPECTION FROM METER TO BACKFLOW PREVENTER.
- 3. THE SALISBURY-ROWAN UTILITIES APPROVED 3/4" 2" DCVA 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. OUTDOOR INSTALLATION SHALL HAVE A PROTECTIVE COVERING (ASSE 1060) AS SPECIFIED IN SALISBURY-ROWAN UTILITIES SPECIFICATIONS FOR INSTALLATION OF BACKFLOW PREVENTION ASSEMBLIES.
- 6. CONNECTION TO CITY'S FITTING SHALL NOT BE UNDER CONCRETE PAD.
- 7. APPROVED PIPE MATERIAL USED, SUBJECT TO CORROSION SHALL BE PROTECTED ACCORDING TO NORTH CAROLINA STATE BUILDING CODE VOLUME II PLUMBING.

CITY OF SALISBURY, N.C.	STANDARD DETAIL	DATE: DCT AMENDED: FEB	DBER 17, 2006 RUARY 3, 2009
STANDARD DETAIL BACKFLOW PREVENTION		NOT TO SCALE	
3/4" - 2" (DCVA) A	BOVE GROUND	STANDARD	BF-4