



1. THE BACKFLOW DEVICE SHALL BE WITHIN 10' OF AND ON THE PROPERTY SIDE OF THE METER. ENCLOSURE SHALL NOT OBSTRUCT SITE DISTANCE AT ROAD CROSSINGS.
2. ALL BACKFLOW DEVICES SHALL BE INSTALLED ABOVE GROUND IN A HORIZONTAL POSITION UNLESS OTHERWISE PREAPPROVED BY THE CITY OF BURLINGTON.
3. SHUT OFF VALVES SHALL BE RESILIENT SEAT WITH FLANGED END AND O.S.&Y HAND WHEELS.
4. ALL INTERIOR AND EXTERIOR IRON SURFACES SHALL HAVE EXPOXY COATINGS TO CONFORM TO ANSI/AWWA C550 OR MANUFACTURED OF STAINLESS STEEL.
5. APPROVED ABOVE GROUND ENCLOSURES: "HOT BOX", HYDROCOWL, SMI MODEL # b68-EHPZD, B80-EHPZD, B110-EHPZD OR BFP (#640-1PD, 800-1PD, 950-APD OR 1150-APD. ENCLOSURE MUST HAVE A DRAIN
6. TANDEM BACKFLOWS REQUIRED IF SERVING MULTIPLE USERS OR SERVICE CANNOT BE INTERRUPTED
7. DETECTOR DOUBLE CHECK VALVE ASSEMBLY SHALL BE INSTALLED IN SIMILAR ENCLOSURE.
8. PIPE & FITTINGS BELOW GRADE TO BE M.J. WITH RETAINER GLANDS.
9. BY-PASS OF BLACKFLOW DEVICE, TEMPORARY OR PERMENENT, WILL NOT BE ACCEPTABLE



DATE 8/16/04	REVISED 8/18/04	SCALE NOT TO SCALE	DETAIL SC-39
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ABOVE GRADE BACKFLOW PREVENTER, 3" AND GREATER
CITY OF BURLINGTON, NORTH CAROLINA
ENGINEERING DEPARTMENT