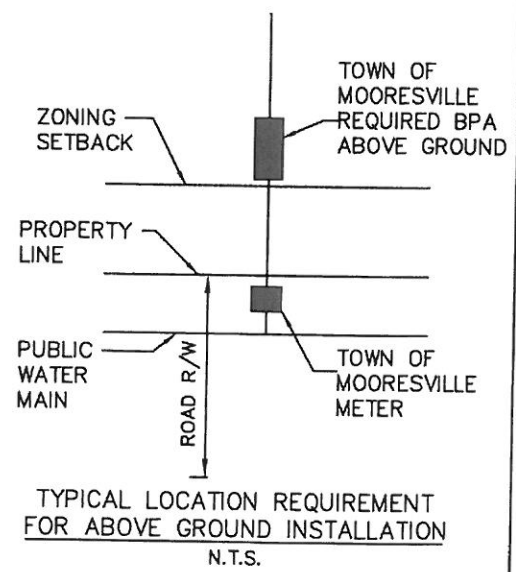


**NOTES:**

1. RESIDENTIAL IRRIGATION CONNECTIONS AND ALL COMMERCIAL CONNECTIONS MUST HAVE BACKFLOW PROTECTION. SEE BACKFLOW PREVENTION HANDBOOK FOR DETAILS.
2. REDUCED PRESSURE ZONE ASSEMBLIES (RP) MUST CONFORM TO TOWN OF MOORESVILLE SPECIFICATIONS.
3. ALL LOCATIONS FOR BPA'S REQUIRE APPROVAL OF THE DIRECTOR OF ENGINEERING AND MUST BE ON THE PROPERTY OWNER'S SIDE OF THE METER AND OUTSIDE OF THE RIGHT-OF-WAY.
4. EACH BPA IS REQUIRED TO BE TESTED BY AN APPROVED CERTIFIED TESTER PRIOR TO PLACING THE WATER SYSTEM IN SERVICE.
5. PIPE MATERIAL AND FITTINGS SHALL BE AS SPECIFIED IN TOWN OF MOORESVILLE LAND DEVELOPMENT DESIGN STANDARDS MANUAL.
6. ALL BACKFLOW PREVENTORS SHALL BE IN ACCORDANCE WITH APPENDIX B OF THE NC RULES GOVERNING PUBLIC WATER SYSTEMS.
7. A FIBER REINFORCED LIGHTWEIGHT PRECAST CONCRETE PAD MAY BE USED IN LIEU OF A CAST-IN-PLACE CONCRETE PAD.



TYPICAL LOCATION REQUIREMENT FOR ABOVE GROUND INSTALLATION  
N.T.S.



**TOWN OF MOORESVILLE**

STANDARD DETAIL

WATER SYSTEMS  
BACKFLOW PREVENTION  
REDUCED PRESSURE PRINCIPLE  
ASSEMBLY (RP) 3/4"-2"  
ABOVE GROUND

January 2012  
Revision 2

NTS

BF-1.0